

Data File : VX004192.D
Acq On : 22 Aug 2018 11:15
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Aug 23 04:42:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	325042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	468288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270123	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	80521	19.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.02%	
35) Dibromofluoromethane	5.50	113	68012	19.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.04%	
50) Toluene-d8	8.71	98	255012	19.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.78%	
62) 4-Bromofluorobenzene	11.14	95	92155	18.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	82303	21.861	ug/l	98
3) Chloromethane	1.32	50	85871	19.566	ug/l	97
4) Vinyl Chloride	1.40	62	88280	20.728	ug/l	99
5) Bromomethane	1.64	94	46637	18.088	ug/l	94
6) Chloroethane	1.72	64	57964	17.715	ug/l	99
7) Trichlorofluoromethane	1.93	101	116354	19.937	ug/l	94
8) Diethyl Ether	2.19	74	48876	19.557	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72969	19.961	ug/l	98
10) Methyl Iodide	2.51	142	69354	18.454	ug/l	100
11) Tert butyl alcohol	3.07	59	91461	101.278	ug/l	100
12) 1,1-Dichloroethene	2.37	96	67254	19.531	ug/l	99
13) Acrolein	2.29	56	20895	95.973	ug/l	94
14) Allyl chloride	2.73	41	126425	19.983	ug/l	99
15) Acrylonitrile	3.15	53	216599	96.849	ug/l	99
16) Acetone	2.45	43	183843	91.341	ug/l	100
17) Carbon Disulfide	2.57	76	186554	18.425	ug/l	100
18) Methyl Acetate	2.78	43	129806	20.647	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	223017	19.653	ug/l	97
20) Methylene Chloride	2.86	84	78429	19.231	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	72789	19.098	ug/l	94
22) Diisopropyl ether	3.87	45	227331	19.245	ug/l	99
23) Vinyl Acetate	3.82	43	946043	98.815	ug/l	100
24) 1,1-Dichloroethane	3.70	63	138600	20.134	ug/l	98
25) 2-Butanone	4.70	43	288638	91.812	ug/l	100
26) 2,2-Dichloropropane	4.59	77	109275	20.239	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	84915	19.643	ug/l	100
28) Bromochloromethane	5.02	49	60979	20.008	ug/l	98
29) Tetrahydrofuran	5.16	42	176252	96.831	ug/l	99
30) Chloroform	5.21	83	133897	19.400	ug/l	98
31) Cyclohexane	5.57	56	116275	19.576	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	113025	19.638	ug/l	99
36) 1,1-Dichloropropene	5.80	75	101891	19.354	ug/l	98
37) Ethyl Acetate	4.85	43	103322	19.955	ug/l	99
38) Carbon Tetrachloride	5.78	117	98486	19.886	ug/l	89

Data File : VX004192.D
Acq On : 22 Aug 2018 11:15
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Aug 23 04:42:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114754	19.091	ug/l	99
40) Benzene	6.14	78	315384	20.049	ug/l	98
41) Methacrylonitrile	5.06	41	58843	19.607	ug/l	99
42) 1,2-Dichloroethane	6.20	62	107566	20.046	ug/l	99
43) Isopropyl Acetate	6.46	43	154721	19.447	ug/l	100
44) Trichloroethene	7.21	130	84461	19.396	ug/l	100
45) 1,2-Dichloropropane	7.52	63	78318	19.892	ug/l	98
46) Dibromomethane	7.67	93	51493	19.643	ug/l	99
47) Bromodichloromethane	7.90	83	96419	19.766	ug/l	99
48) Methyl methacrylate	7.77	41	83134	19.528	ug/l	99
49) 1,4-Dioxane	7.76	88	38493	398.252	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	544816	94.248	ug/l	99
52) Toluene	8.79	92	198595	20.168	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	103897	19.284	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	116581	19.865	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	78369	19.715	ug/l	98
56) Ethyl methacrylate	9.18	69	104326	19.279	ug/l	100
57) 1,3-Dichloropropane	9.37	76	134417	20.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	263638	95.084	ug/l	100
59) 2-Hexanone	9.49	43	413800	93.830	ug/l	99
60) Dibromochloromethane	9.59	129	75038	19.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	81383	19.784	ug/l	99
64) Tetrachloroethene	9.34	164	79991	19.487	ug/l	99
65) Chlorobenzene	10.14	112	198990	19.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	70626	19.635	ug/l	99
67) Ethyl Benzene	10.25	91	335397	19.803	ug/l	100
68) m/p-Xylenes	10.36	106	265735	40.126	ug/l	100
69) o-Xylene	10.70	106	122157	19.500	ug/l	97
70) Styrene	10.71	104	201562	19.872	ug/l	97
71) Bromoform	10.86	173	53244	18.363	ug/l	99
73) Isopropylbenzene	11.02	105	361633	20.384	ug/l	99
74) N-amyl acetate	10.90	43	131155	19.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120732	19.446	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	138154	25.905	ug/l	85
77) Bromobenzene	11.26	156	94696	19.028	ug/l	96
78) n-propylbenzene	11.36	91	418085	20.489	ug/l	100
79) 2-Chlorotoluene	11.42	91	249133	19.836	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	292990	19.942	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	31504	18.606	ug/l	96
82) 4-Chlorotoluene	11.51	91	293103	19.833	ug/l	99
83) tert-Butylbenzene	11.77	119	294568	19.927	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	314981	20.885	ug/l	100
85) sec-Butylbenzene	11.94	105	354618	20.206	ug/l	99
86) p-Isopropyltoluene	12.07	119	320810	20.397	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	177754	18.971	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184823	18.757	ug/l	98
89) n-Butylbenzene	12.39	91	250464	19.584	ug/l	97
90) Hexachloroethane	12.60	117	41482	18.870	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	165745	19.354	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20741	18.967	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Quantitation Report (Not Reviewed)

Data File : VX004192.D
Acq On : 22 Aug 2018 11:15
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Aug 23 04:42:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112196	18.006	ug/l	98
94) Hexachlorobutadiene	13.79	225	56206	18.374	ug/l	97
95) Naphthalene	13.83	128	340321	19.311	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126739	19.214	ug/l	98

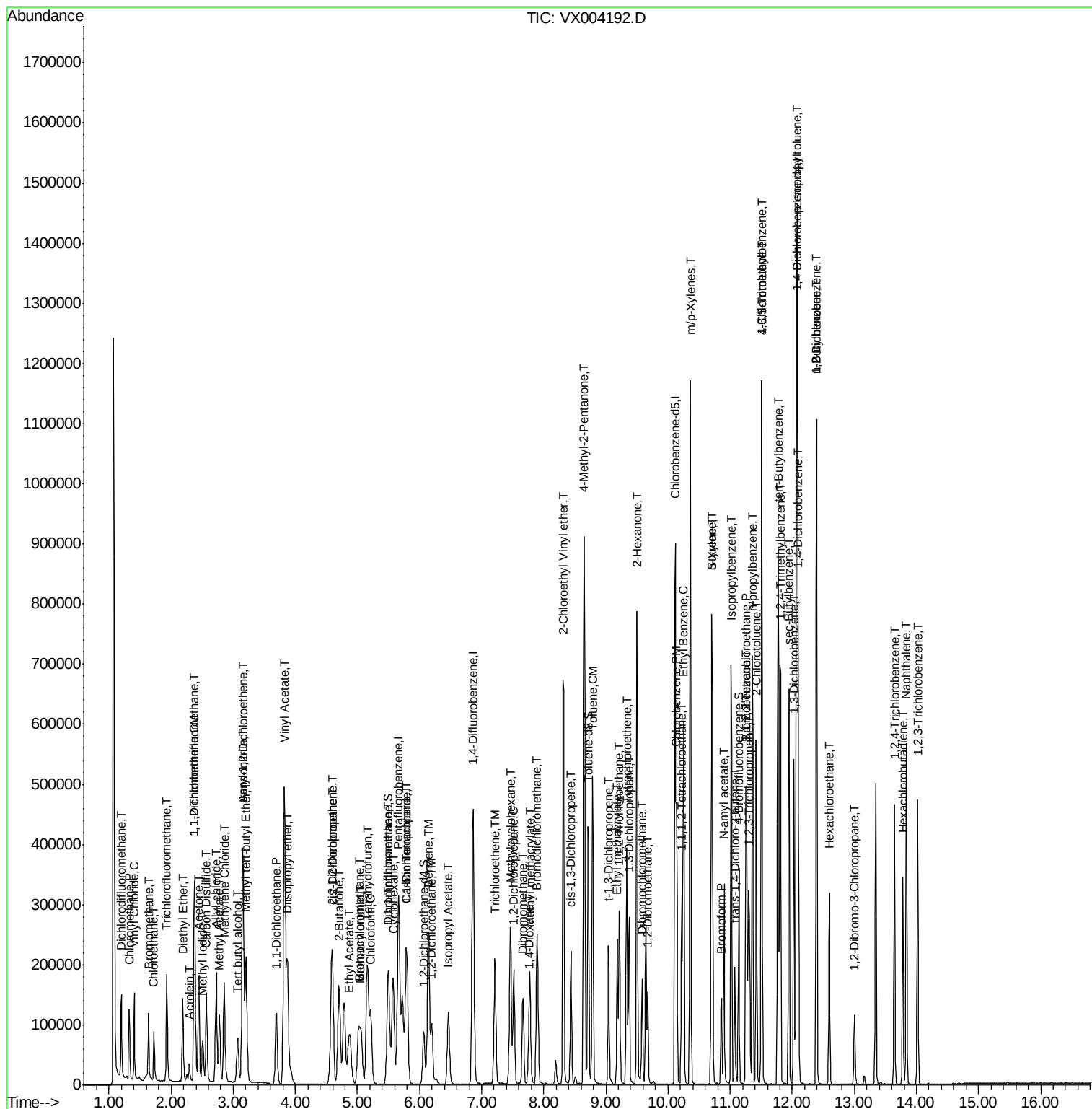
(#) = qualifier out of range (m) = manual integration (+) = signals summed

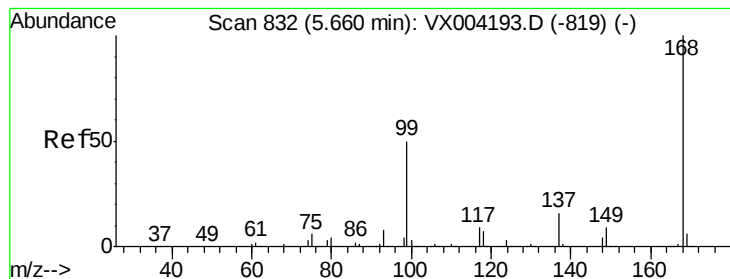
Data File : VX004192.D

```
Acq On      : 22 Aug 2018   11:15
Operator    : JC/MD
Sample      : VSTDIC020
Misc        : 5.0mL/MSV0A_X/WATER
ALS Vial    : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Aug 23 04:42:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

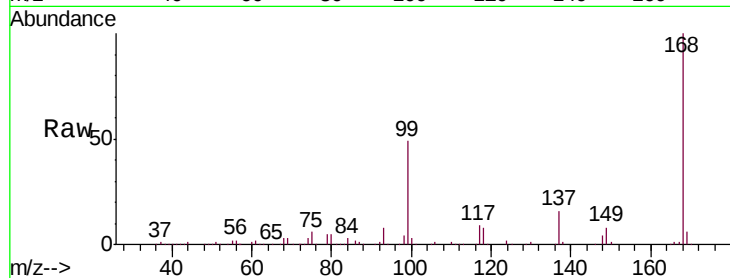
VSTDIC020

Tgt Ion:168 Resp: 325042

Ion Ratio Lower Upper

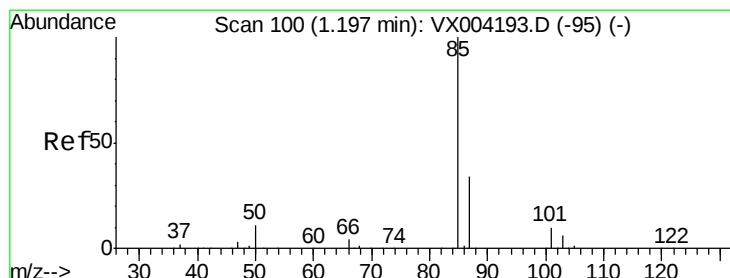
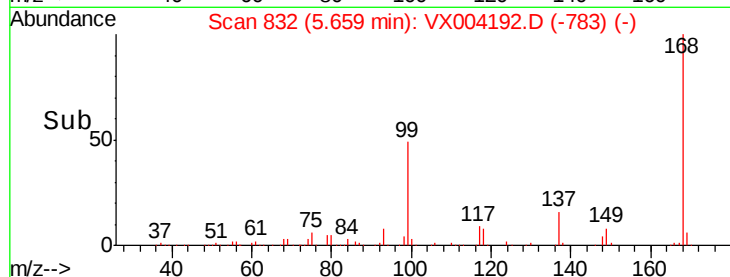
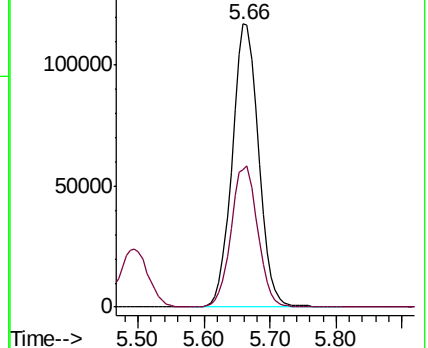
168 100

99 48.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.861 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004192.D

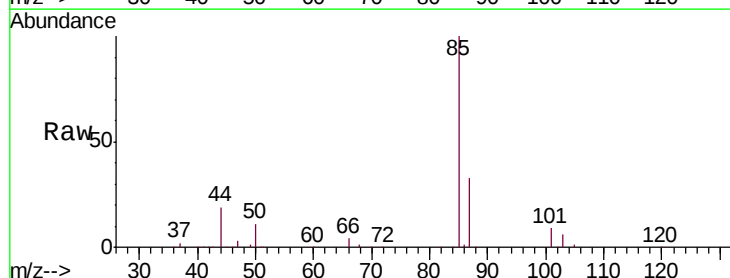
Acq: 22 Aug 2018 11:15

Tgt Ion: 85 Resp: 82303

Ion Ratio Lower Upper

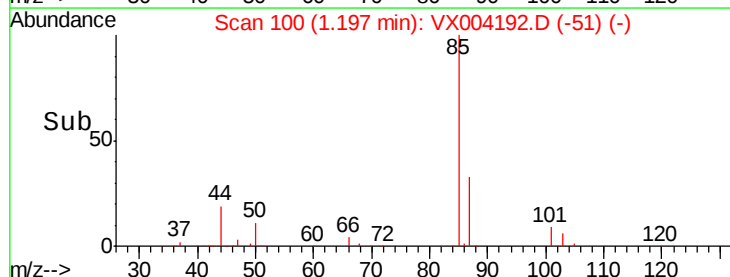
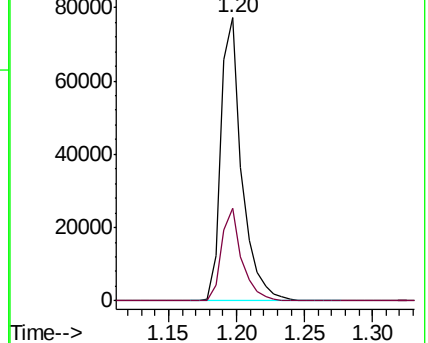
85 100

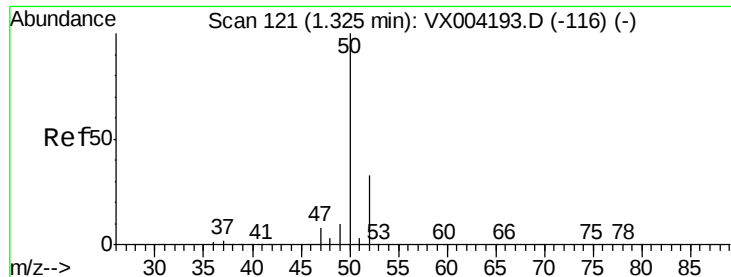
87 32.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

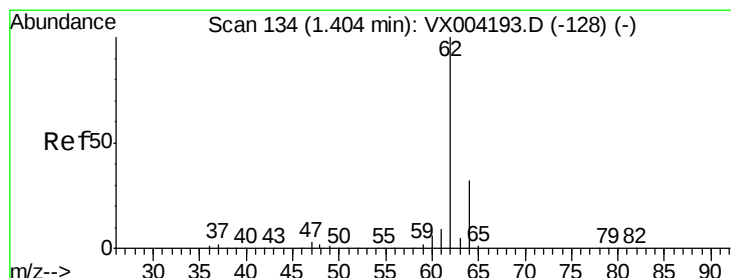
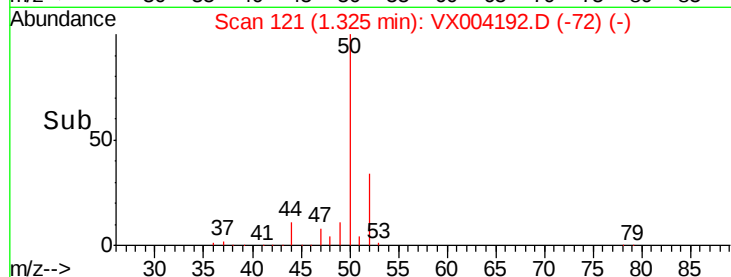
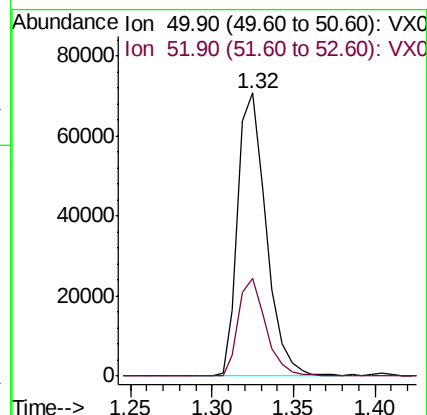
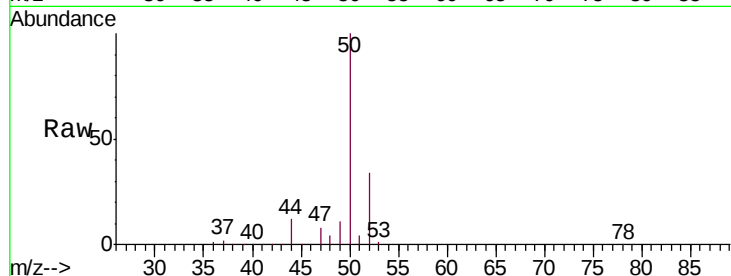




#3
Chloromethane
Concen: 19.566 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

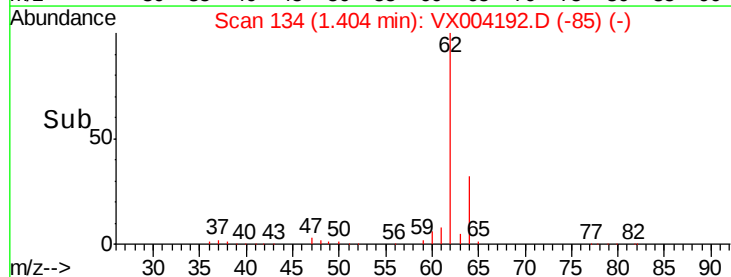
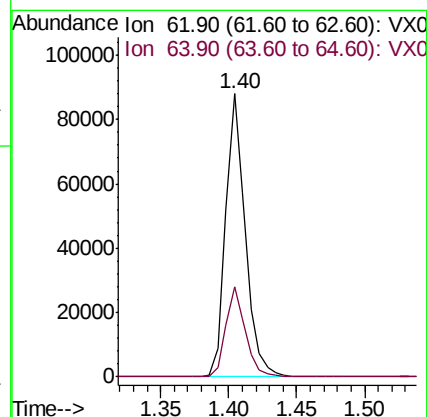
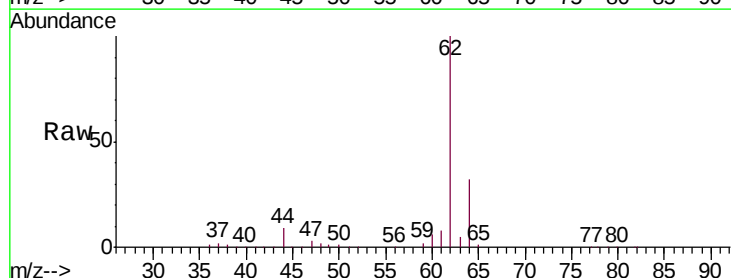
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

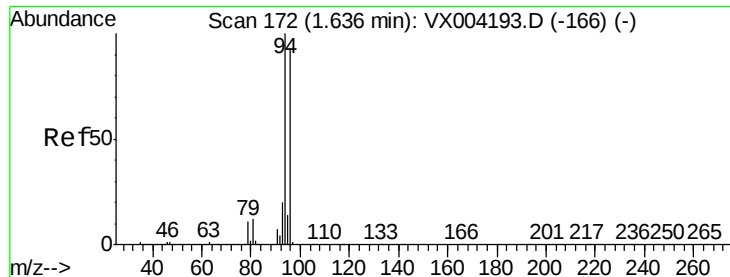
Tgt Ion: 50 Resp: 85871
Ion Ratio Lower Upper
50 100
52 34.3 26.2 39.2



#4
Vinyl Chloride
Concen: 20.728 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 62 Resp: 88280
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8





#5

Bromomethane

Concen: 18.088 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

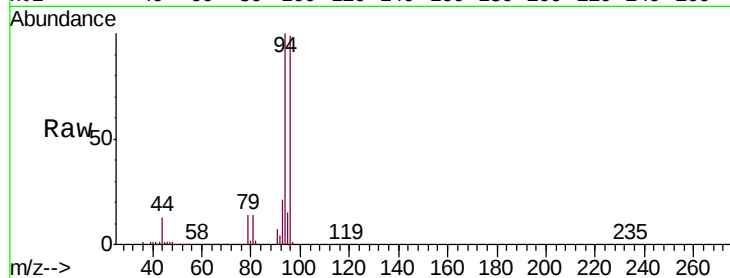
VSTDIC020

Tgt Ion: 94 Resp: 46637

Ion Ratio Lower Upper

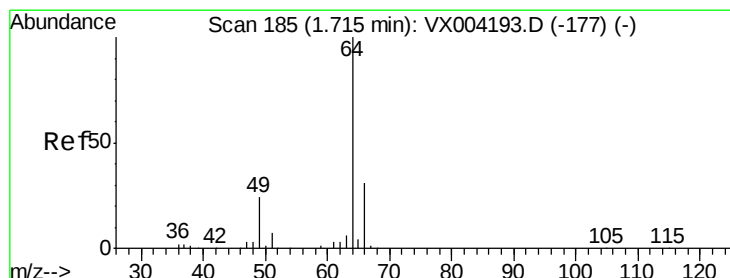
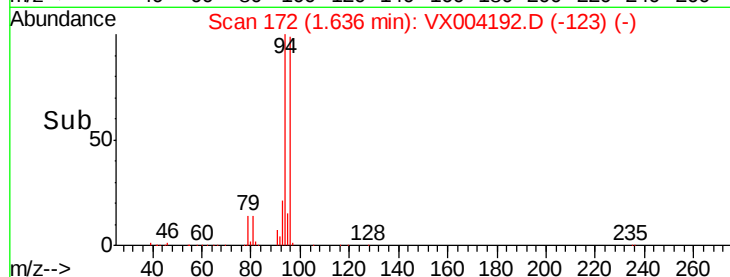
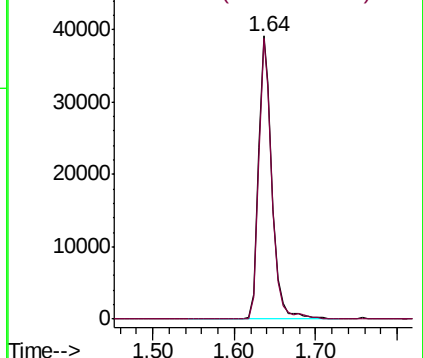
94 100

96 99.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.715 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004192.D

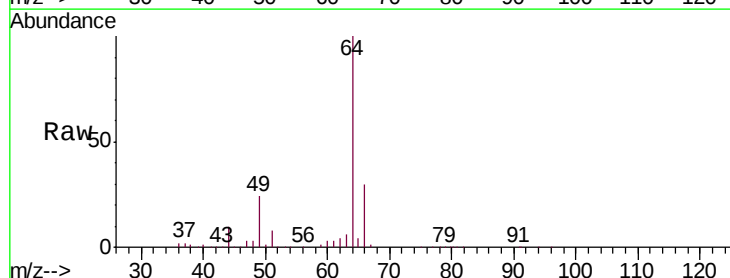
Acq: 22 Aug 2018 11:15

Tgt Ion: 64 Resp: 57964

Ion Ratio Lower Upper

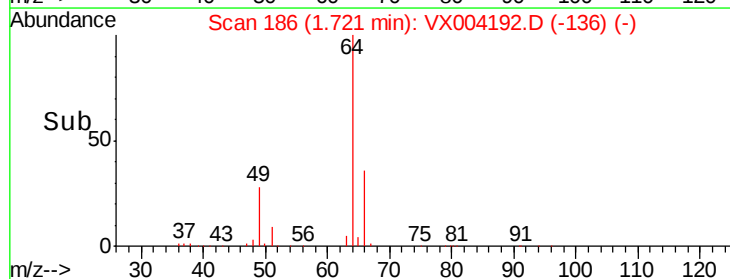
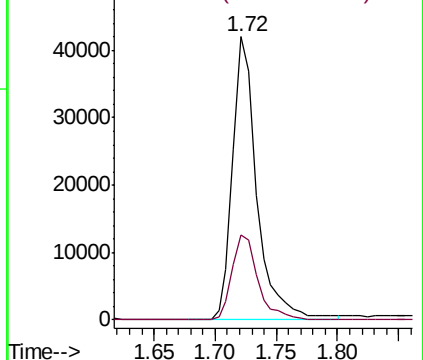
64 100

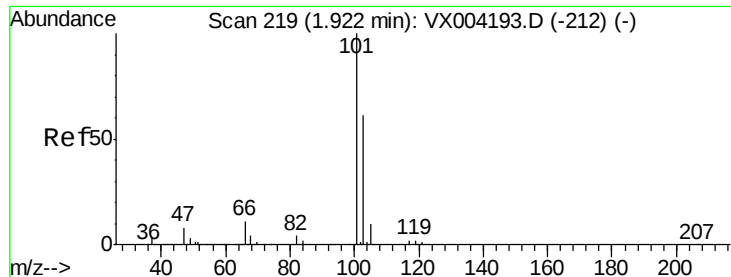
66 30.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



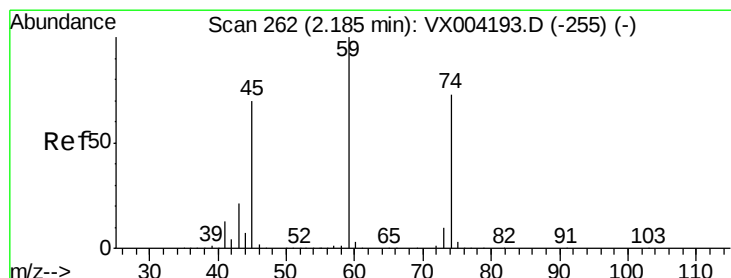
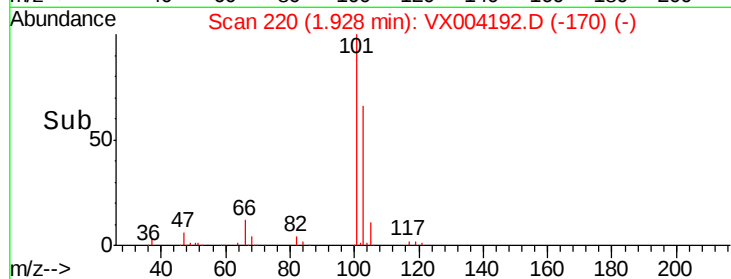
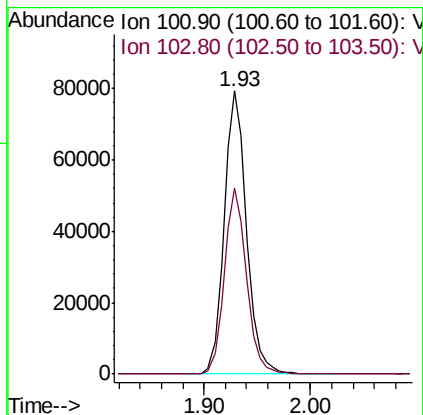
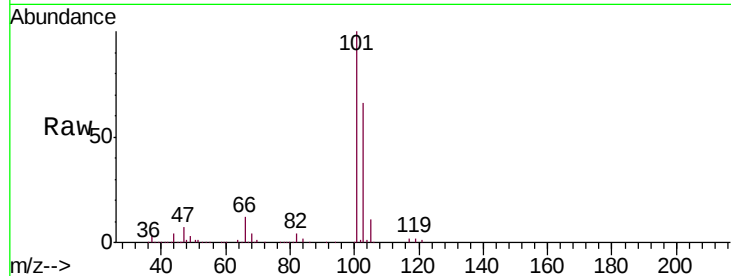


#7

Trichlorofluoromethane
Concen: 19.937 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

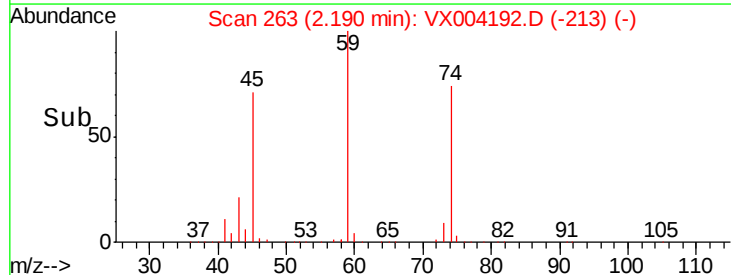
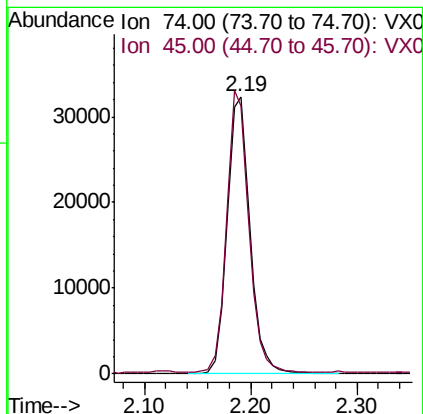
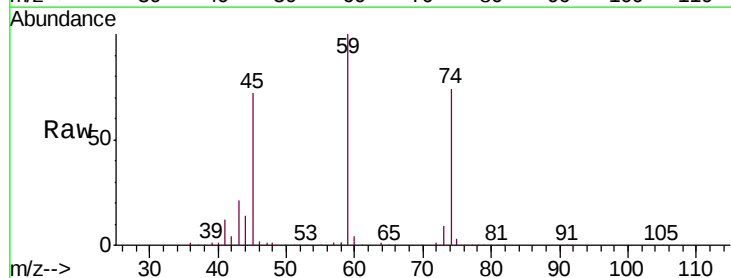
Tgt Ion:101 Resp: 116354
Ion Ratio Lower Upper
101 100
103 65.6 48.9 73.3

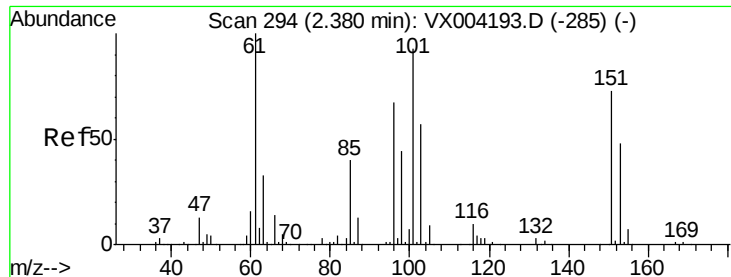


#8

Diethyl Ether
Concen: 19.557 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 74 Resp: 48876
Ion Ratio Lower Upper
74 100
45 98.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.961 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

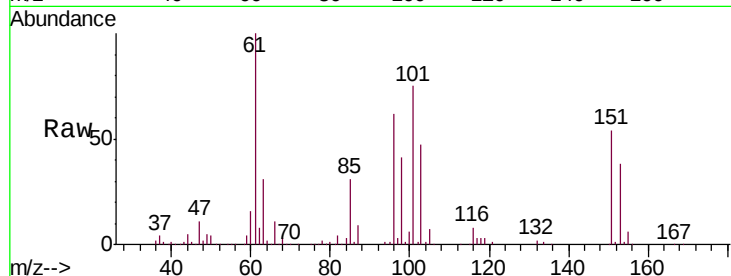
Tgt Ion:101 Resp: 72969

Ion Ratio Lower Upper

101 100

85 41.8 34.2 51.4

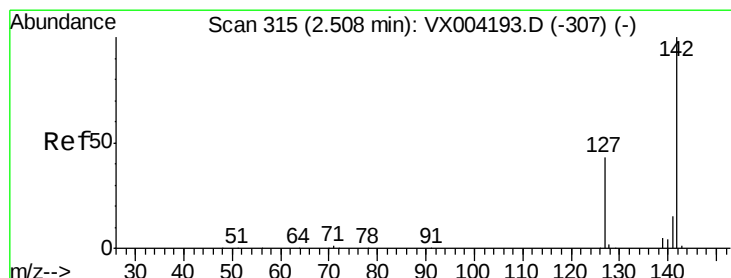
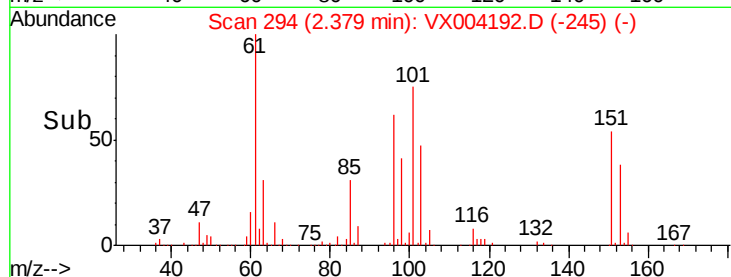
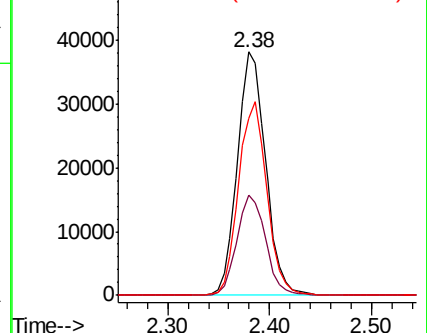
151 79.9 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.454 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

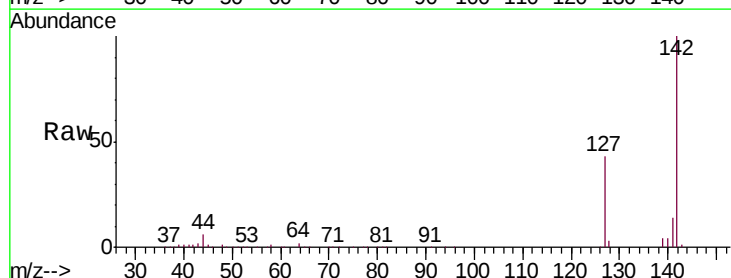
Tgt Ion:142 Resp: 69354

Ion Ratio Lower Upper

142 100

127 42.0 33.8 50.6

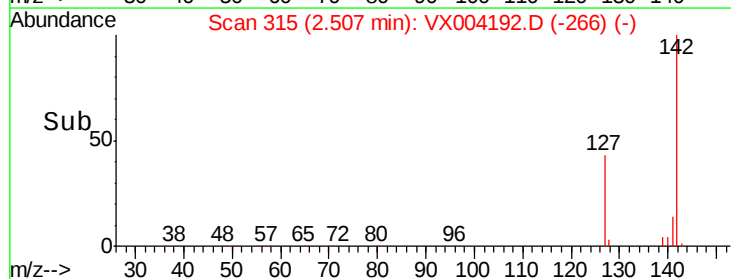
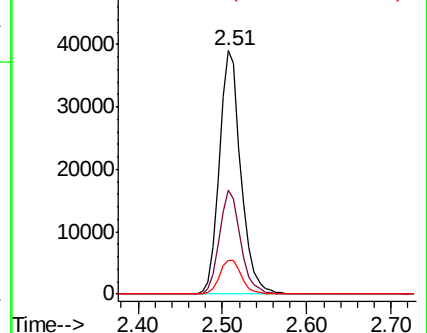
141 14.5 11.4 17.0

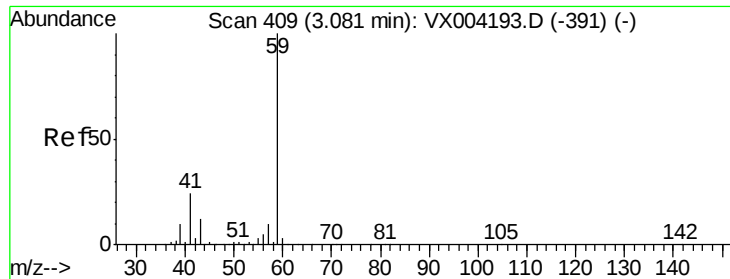


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

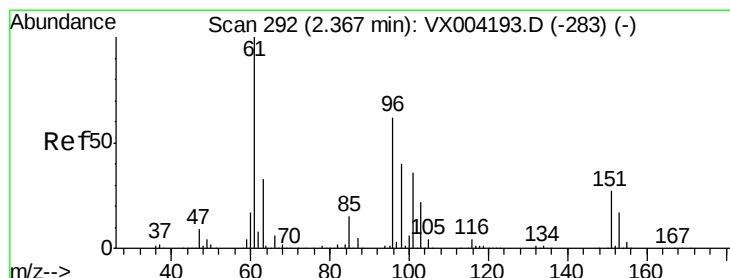
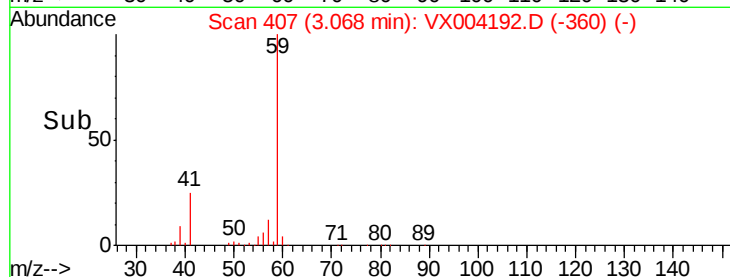
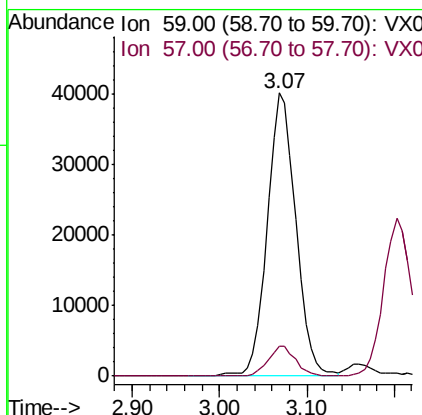
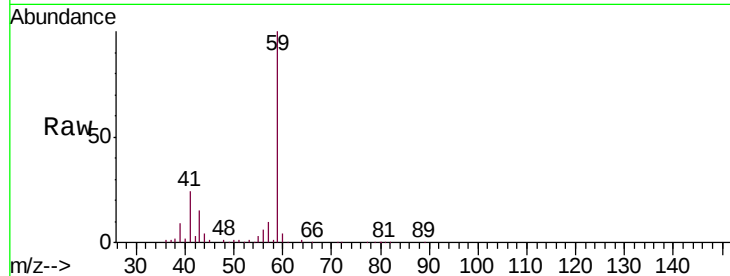




#11
Tert butyl alcohol
Concen: 101.278 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

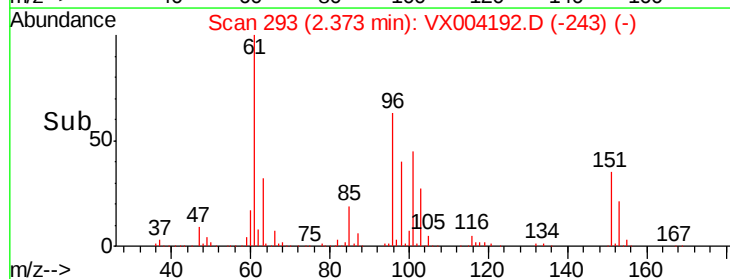
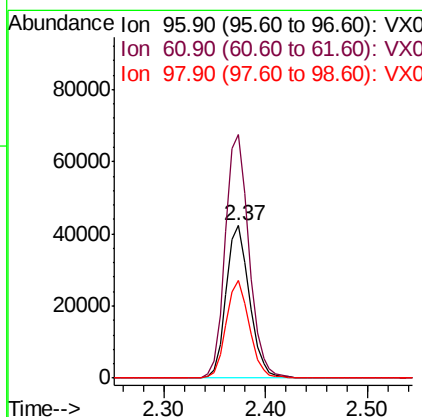
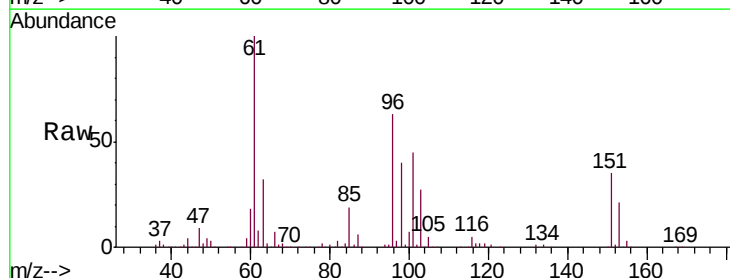
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

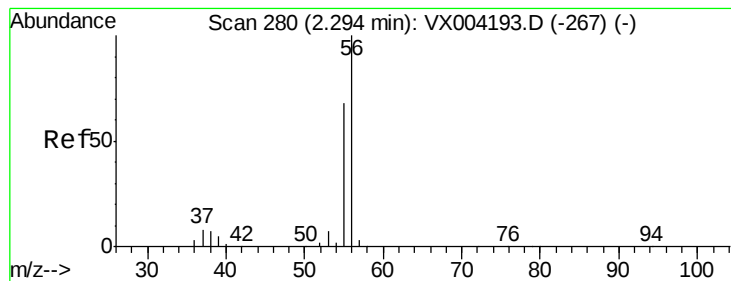
Tgt Ion: 59 Resp: 91461
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.531 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 96 Resp: 67254
Ion Ratio Lower Upper
96 100
61 159.6 128.8 193.2
98 63.8 52.2 78.2





#13

Acrolein

Concen: 95.973 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

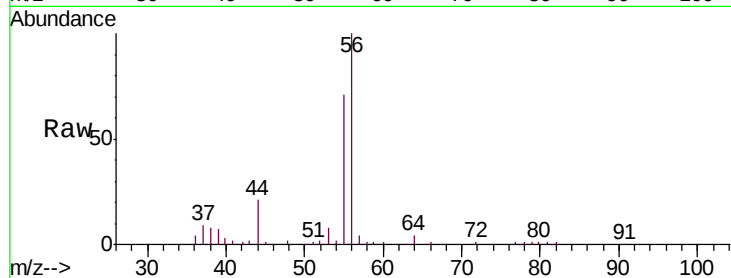
VSTDIC020

Tgt Ion: 56 Resp: 20895

Ion Ratio Lower Upper

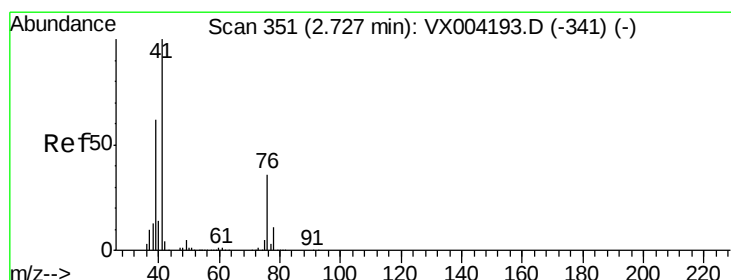
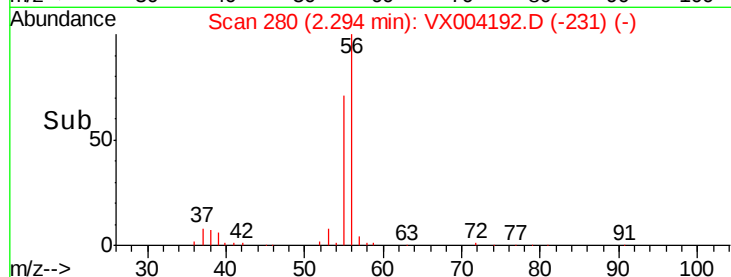
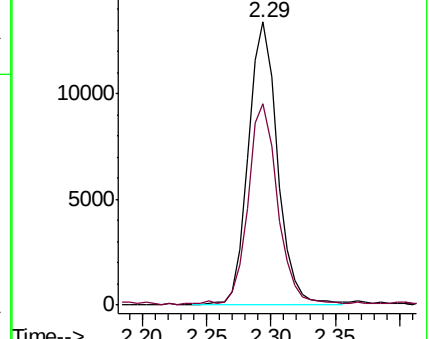
56 100

55 73.6 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.983 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

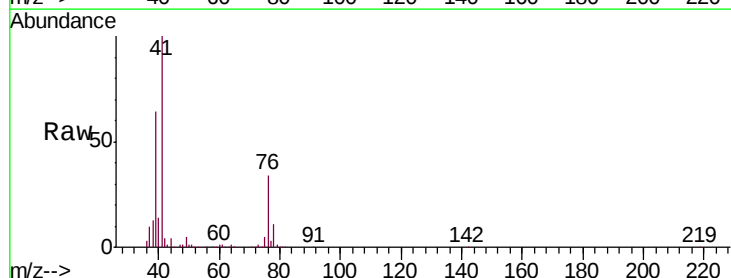
Tgt Ion: 41 Resp: 126425

Ion Ratio Lower Upper

41 100

39 60.2 48.9 73.3

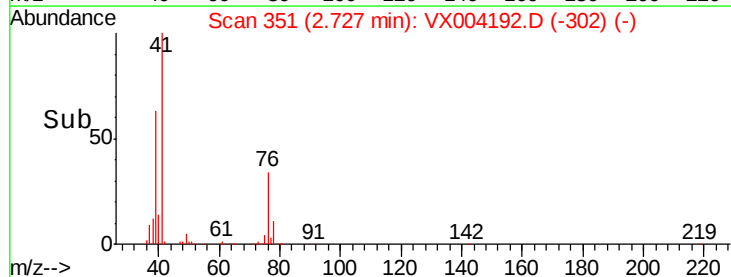
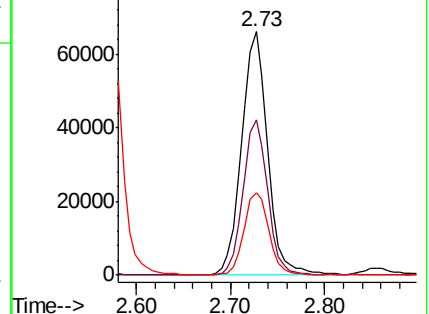
76 32.8 26.7 40.1

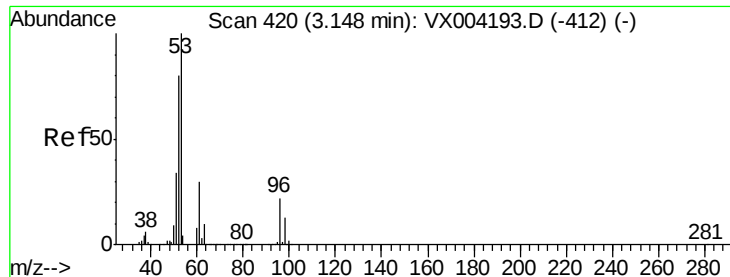


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.849 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

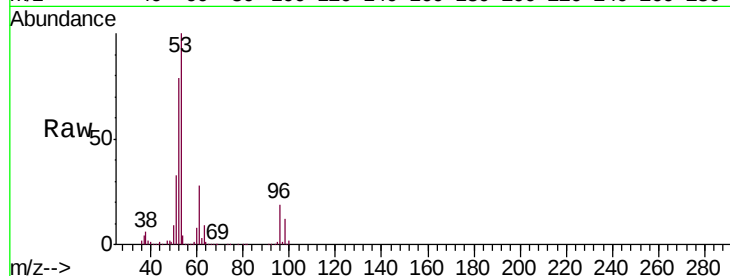
Tgt Ion: 53 Resp: 216599

Ion Ratio Lower Upper

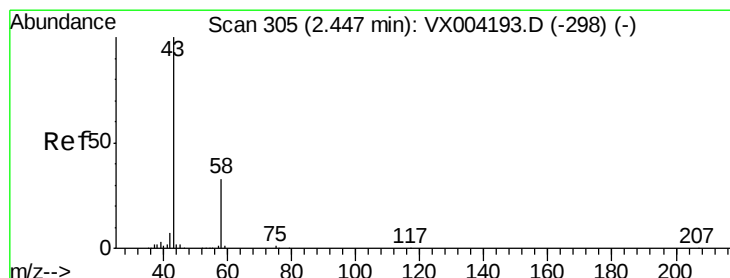
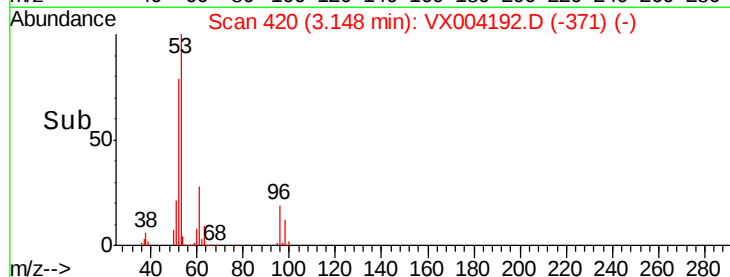
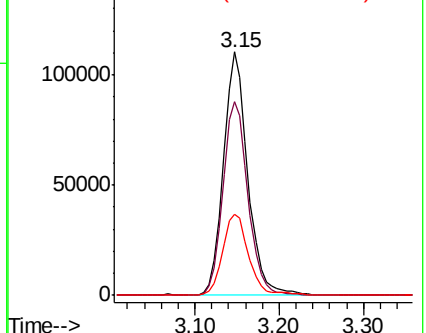
53 100

52 82.5 65.2 97.8

51 35.6 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.341 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX004192.D

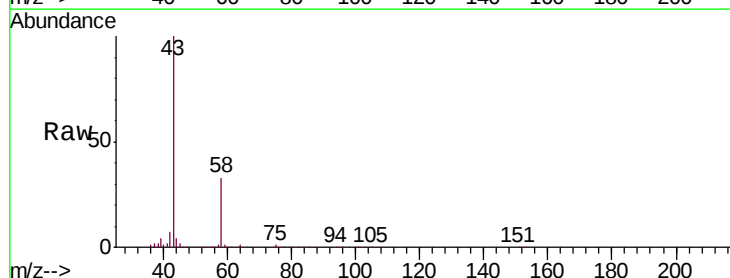
Acq: 22 Aug 2018 11:15

Tgt Ion: 43 Resp: 183843

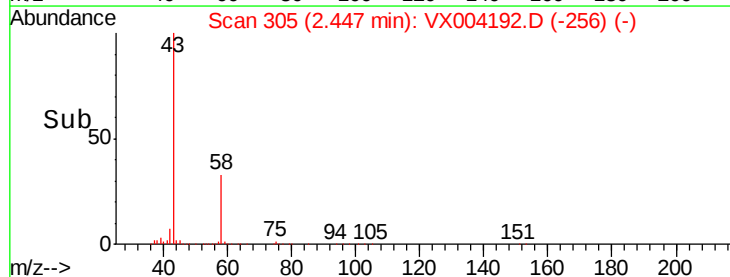
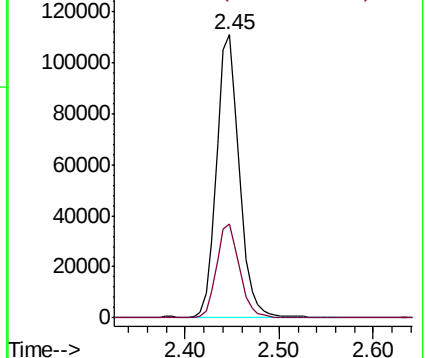
Ion Ratio Lower Upper

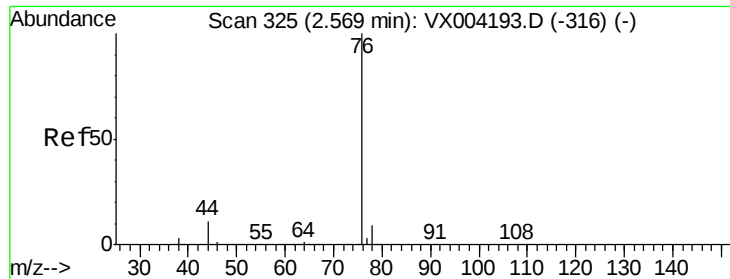
43 100

58 33.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

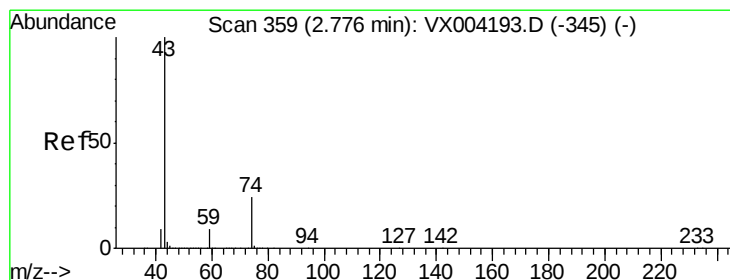
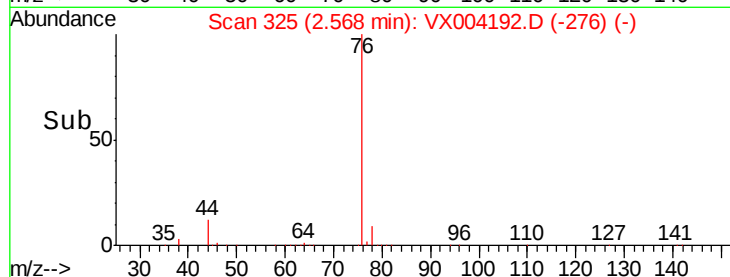
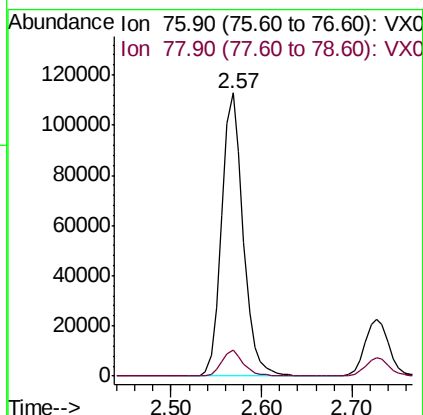
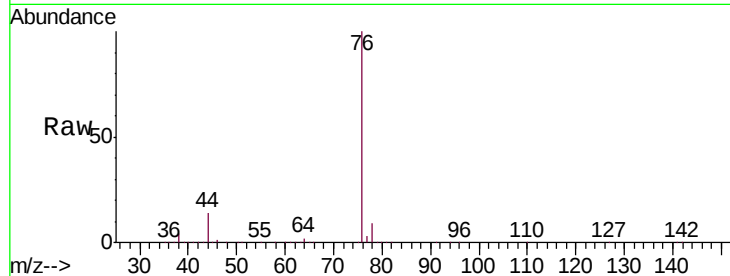




#17
Carbon Disulfide
Concen: 18.425 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

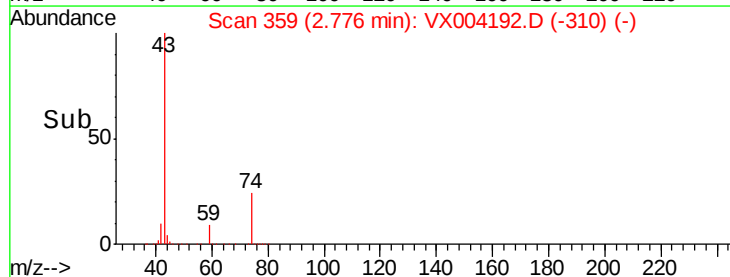
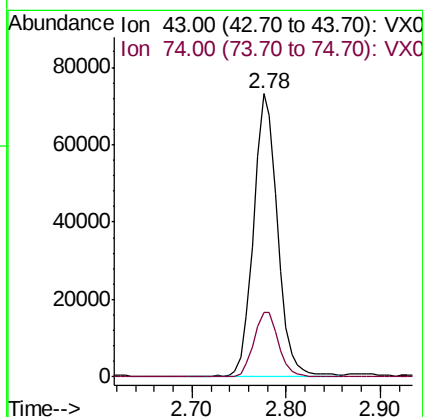
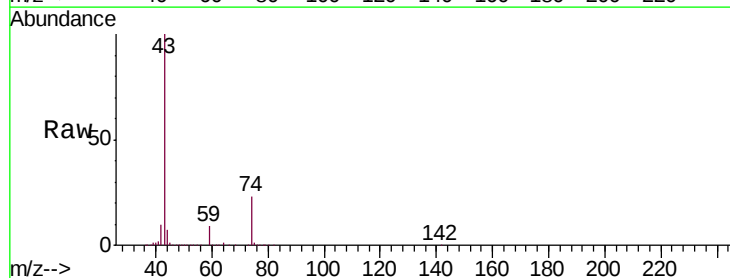
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

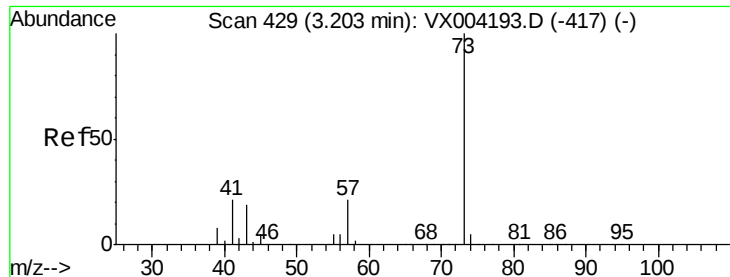
Tgt Ion: 76 Resp: 186554
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 20.647 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 43 Resp: 129806
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2

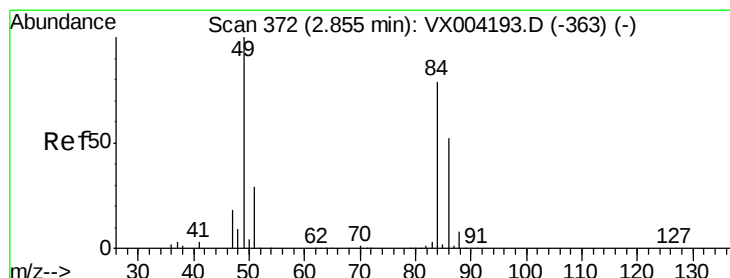
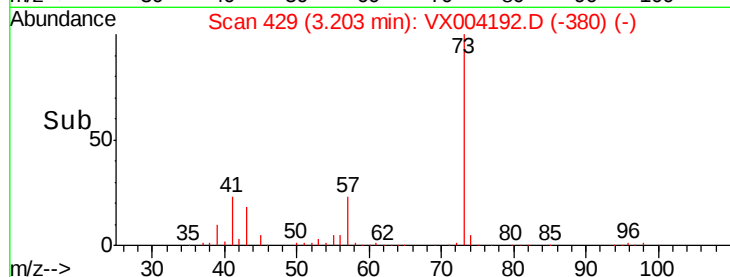
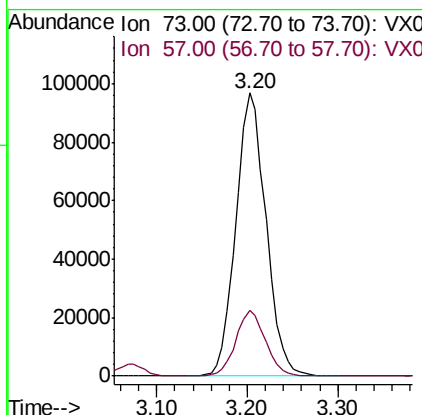
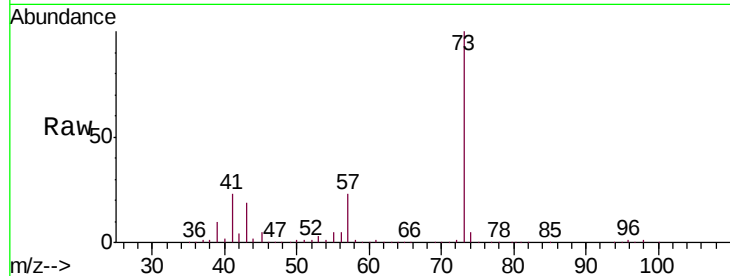




#19
Methyl tert-butyl Ether
Concen: 19.653 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

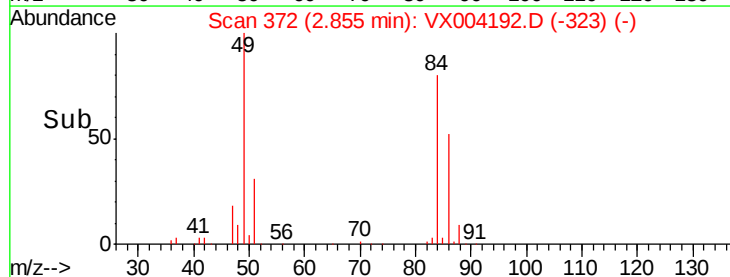
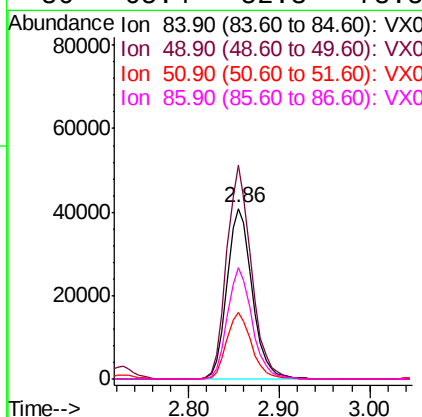
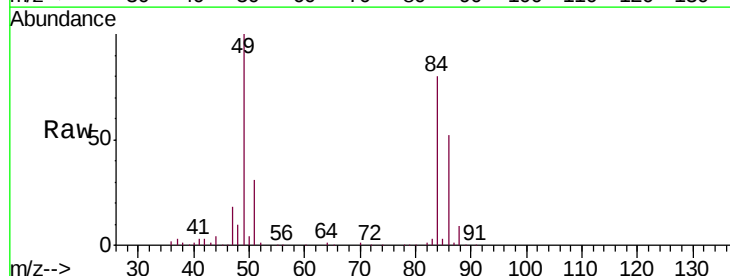
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

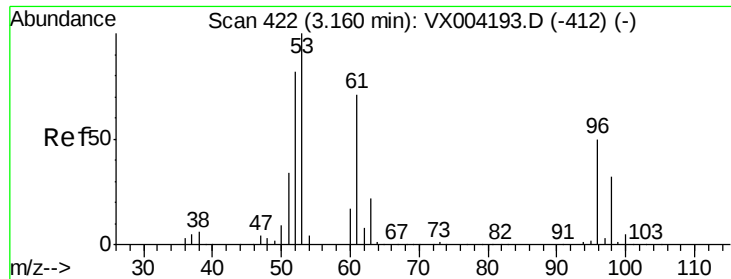
Tgt Ion: 73 Resp: 223017
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 19.231 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 84 Resp: 78429
Ion Ratio Lower Upper
84 100
49 125.4 101.2 151.8
51 38.8 29.5 44.3
86 65.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.098 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

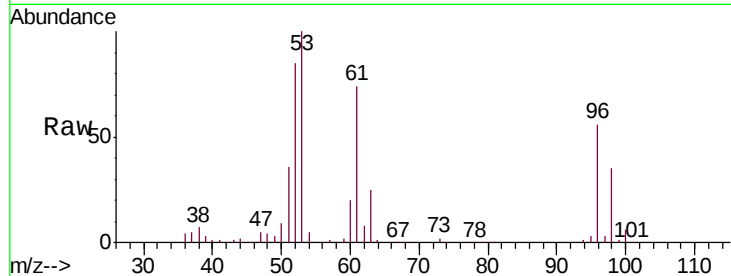
Tgt Ion: 96 Resp: 72789

Ion Ratio Lower Upper

96 100

61 133.0 113.8 170.6

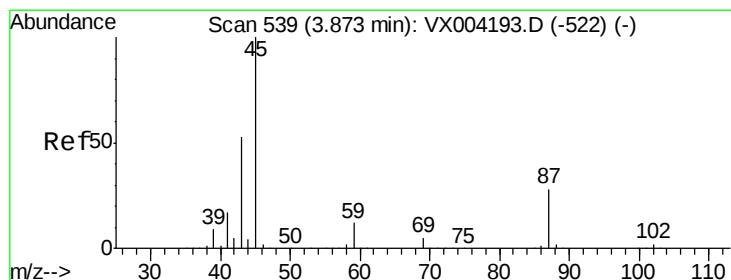
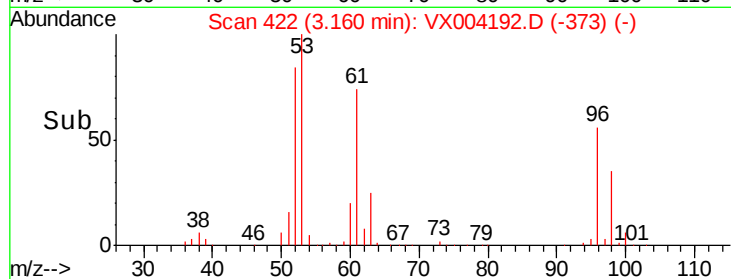
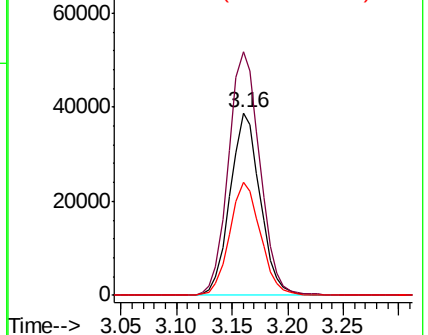
98 62.2 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.245 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Tgt Ion: 45 Resp: 227331

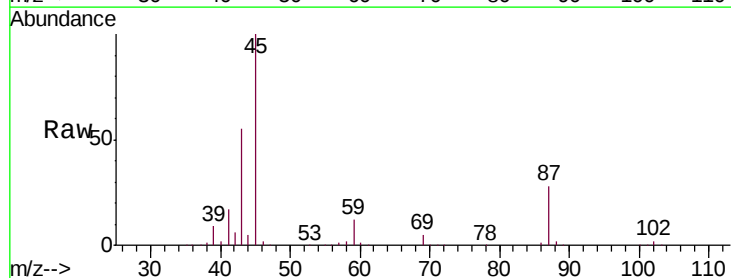
Ion Ratio Lower Upper

45 100

43 54.3 42.8 64.2

87 27.8 22.6 34.0

59 11.8 9.6 14.4

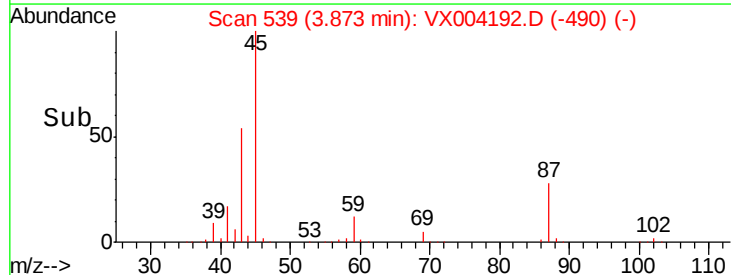
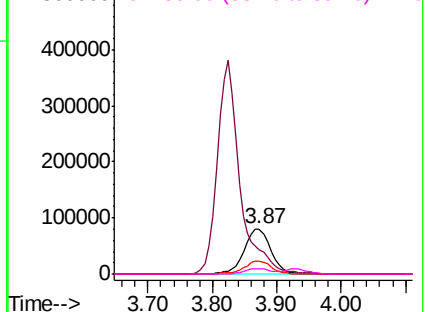


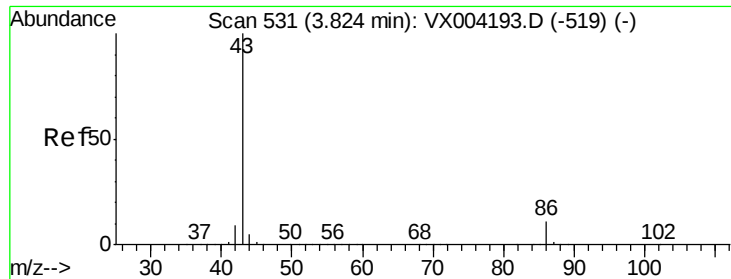
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.815 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

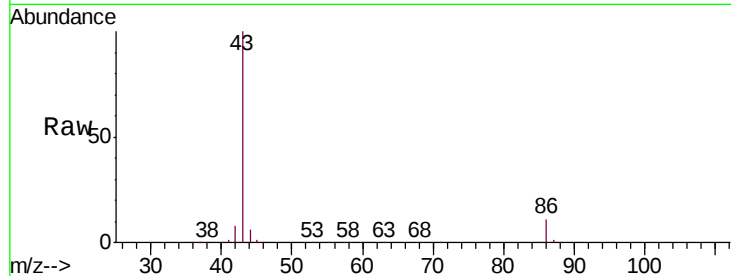
VSTDIC020

Tgt Ion: 43 Resp: 946043

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

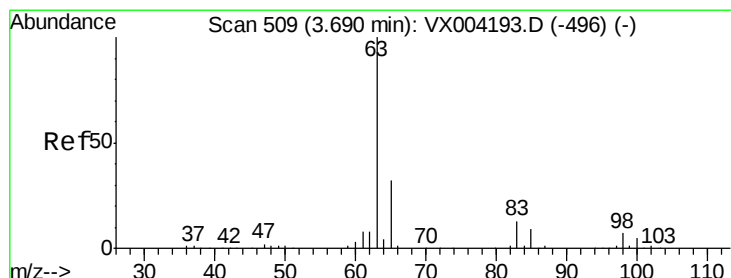
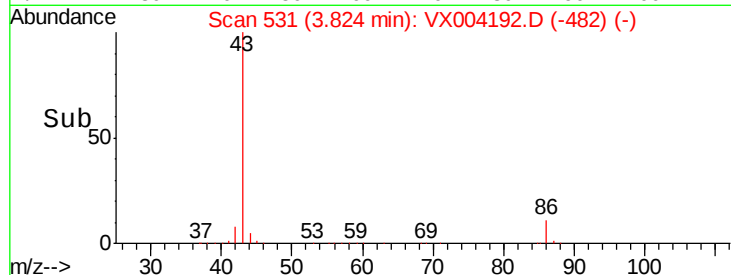
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.134 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

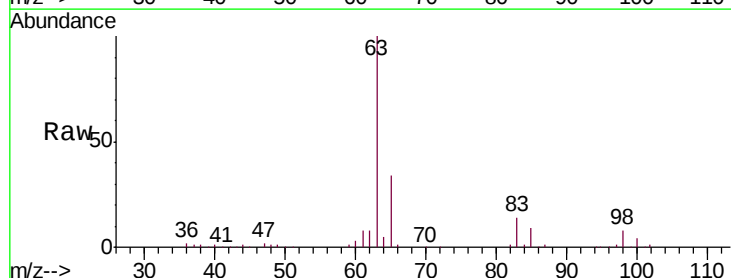
Tgt Ion: 63 Resp: 138600

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

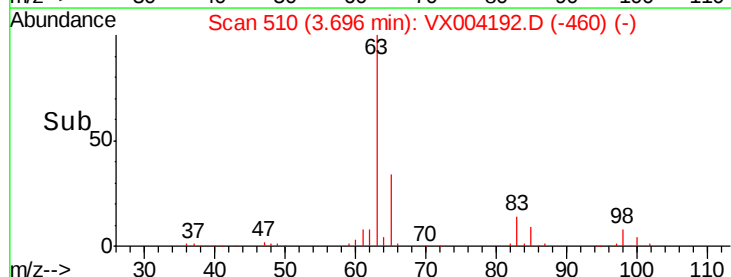
60000

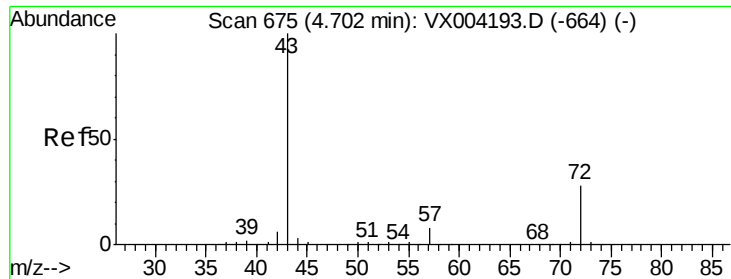
40000

20000

0

Time-->





#25

2-Butanone

Concen: 91.812 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

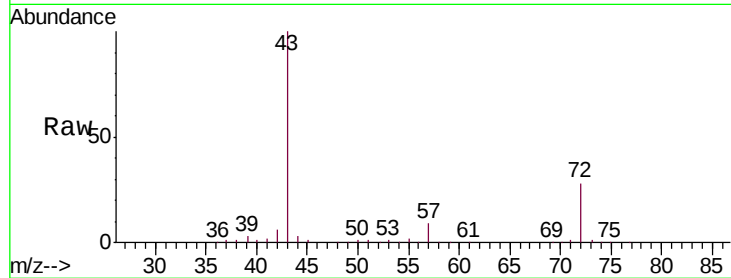
VSTDIC020

Tgt Ion: 43 Resp: 288638

Ion Ratio Lower Upper

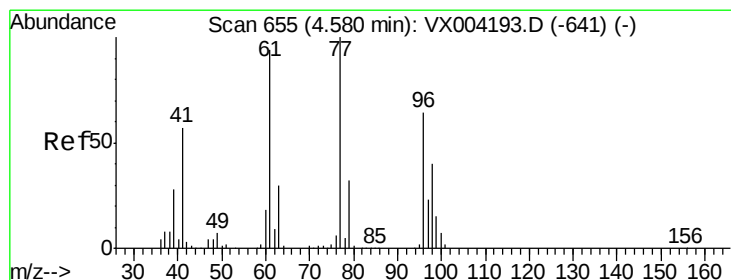
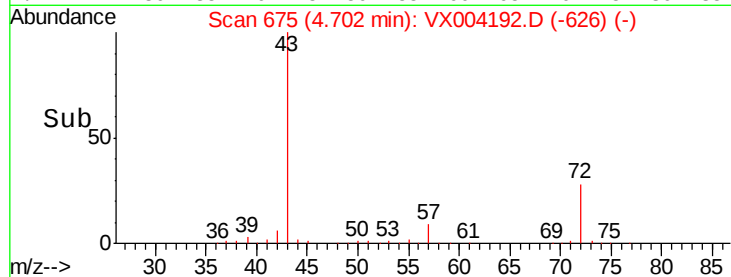
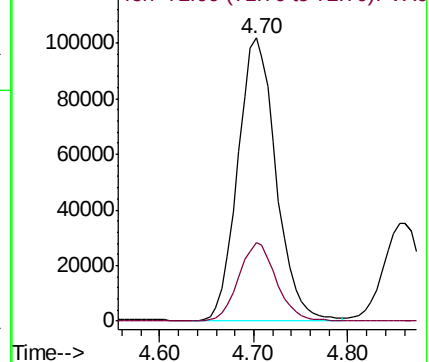
43 100

72 27.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.239 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX004192.D

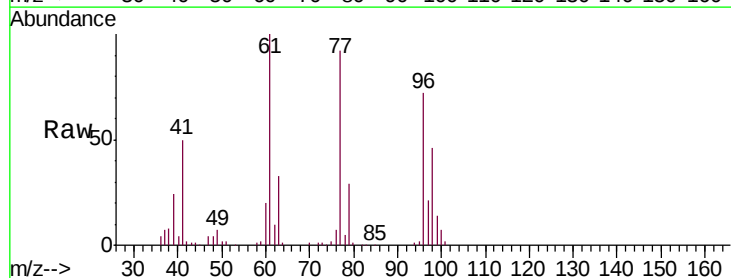
Acq: 22 Aug 2018 11:15

Tgt Ion: 77 Resp: 109275

Ion Ratio Lower Upper

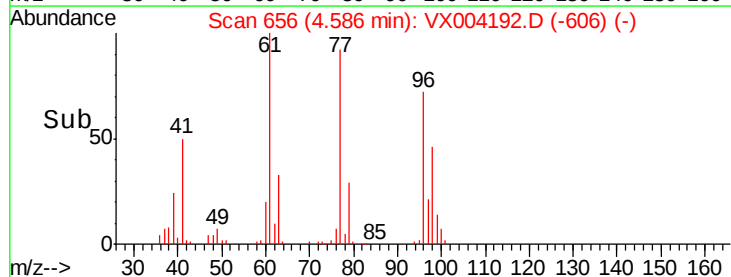
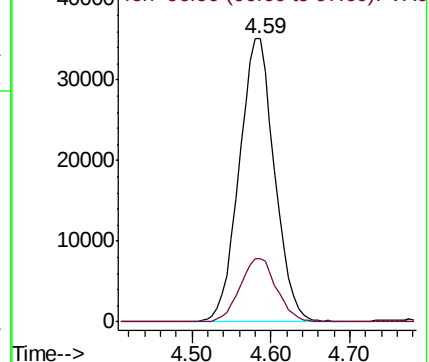
77 100

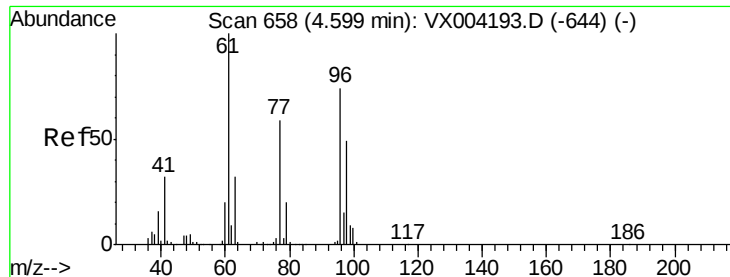
97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



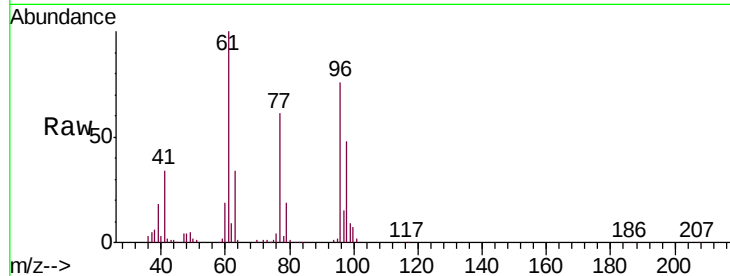


#27

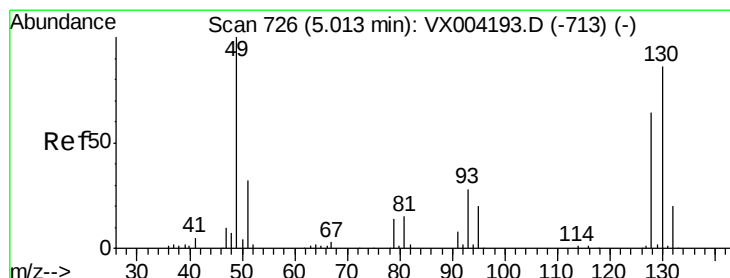
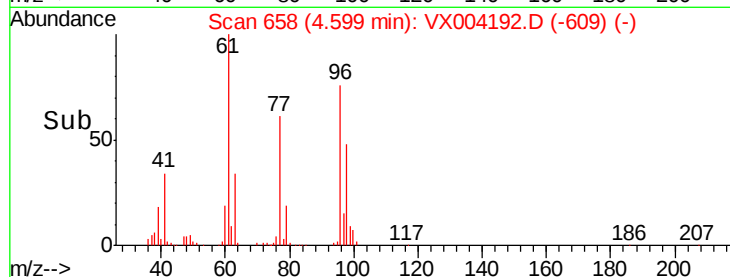
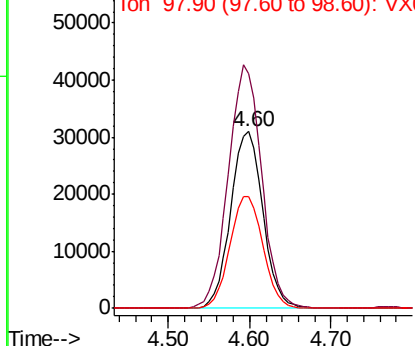
cis-1,2-Dichloroethene
Concen: 19.643 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 84915
Ion Ratio Lower Upper
96 100
61 142.0 0.0 282.6
98 65.0 0.0 130.2



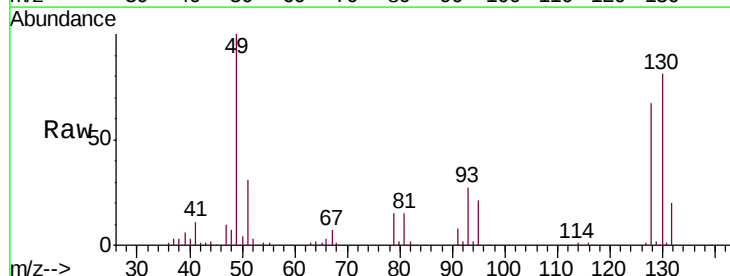
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



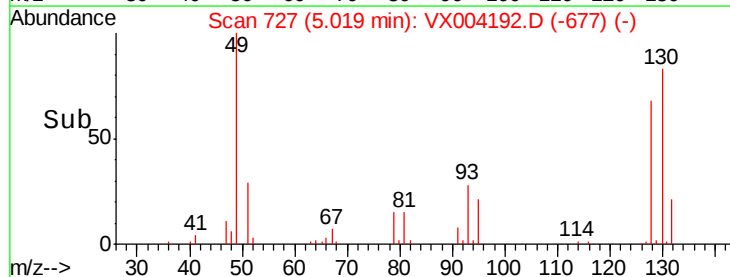
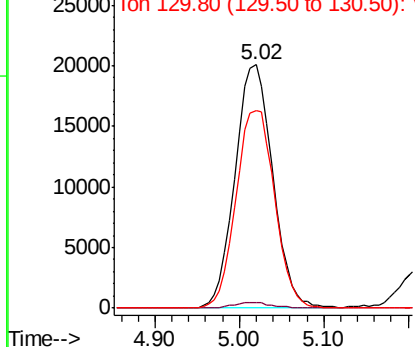
#28

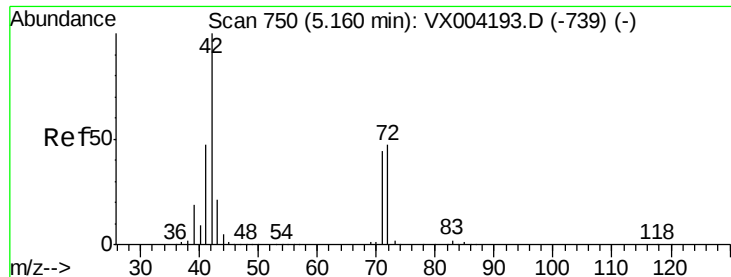
Bromochloromethane
Concen: 20.008 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 49 Resp: 60979
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 83.0 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.831 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

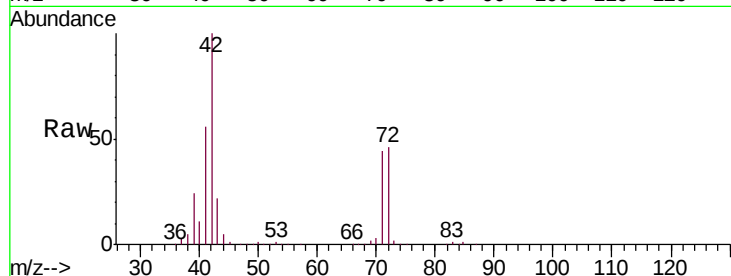
Tgt Ion: 42 Resp: 176252

Ion Ratio Lower Upper

42 100

72 47.4 37.4 56.0

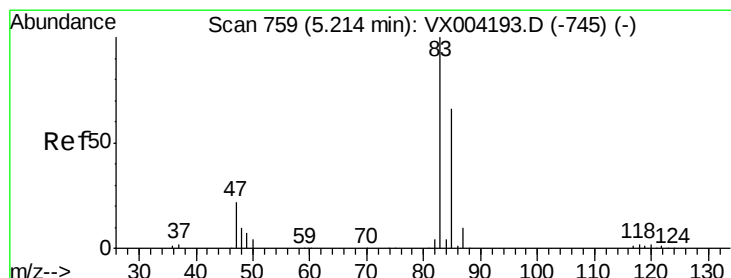
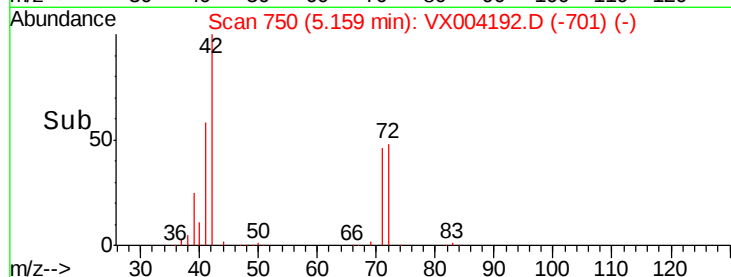
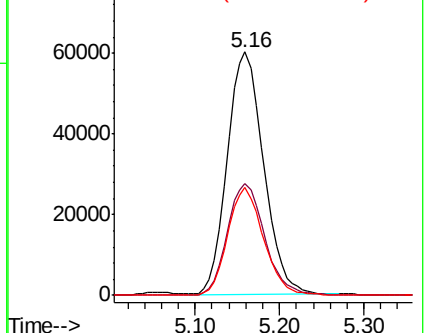
71 43.7 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.400 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004192.D

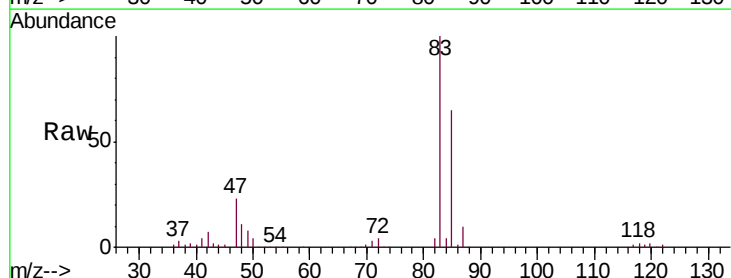
Acq: 22 Aug 2018 11:15

Tgt Ion: 83 Resp: 133897

Ion Ratio Lower Upper

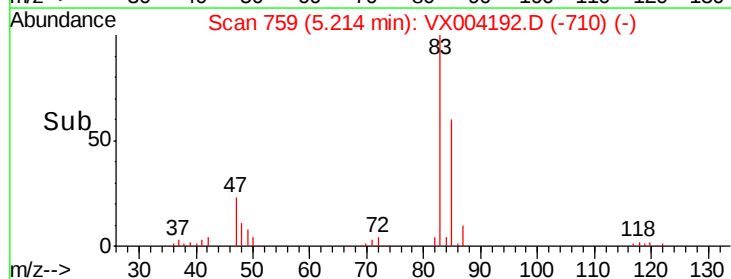
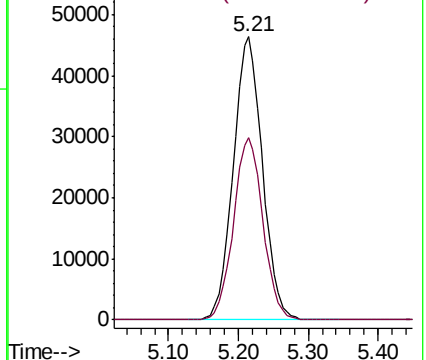
83 100

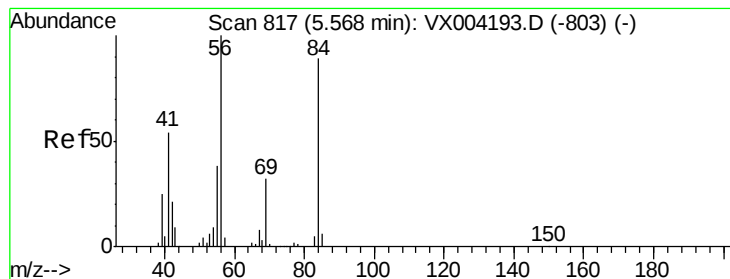
85 64.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.576 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

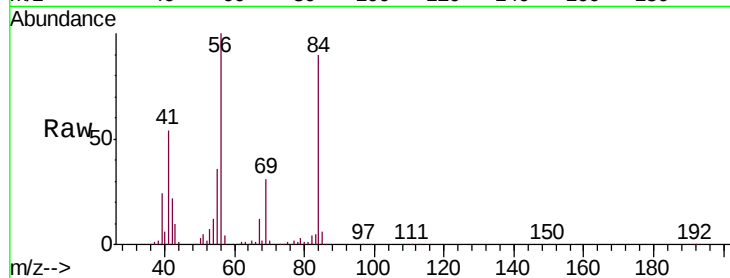
Tgt Ion: 56 Resp: 116275

Ion Ratio Lower Upper

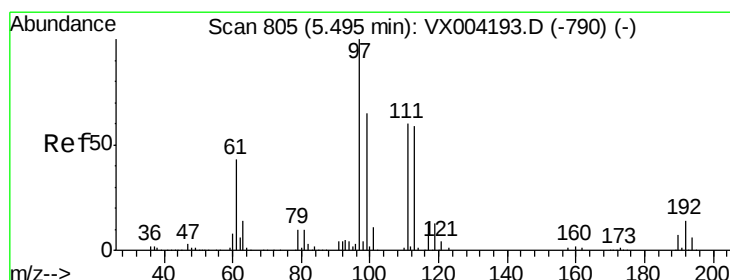
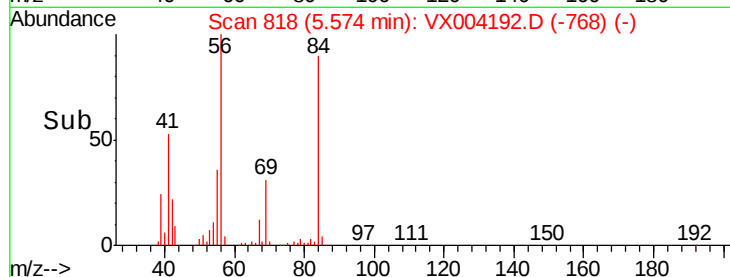
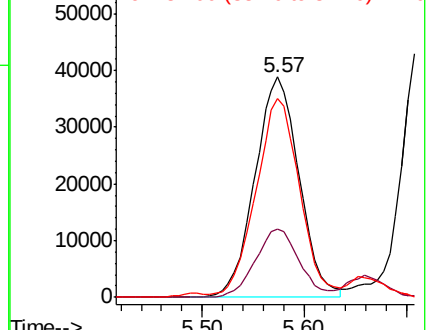
56 100

69 30.9 25.4 38.2

84 88.4 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.638 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

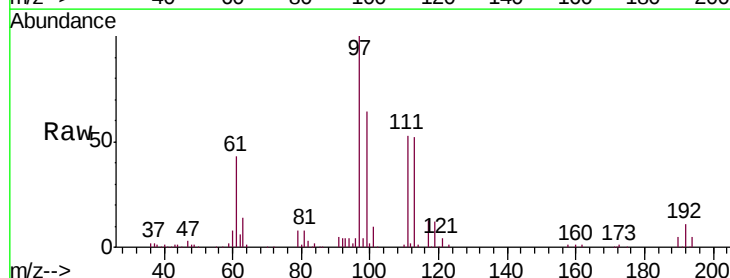
Tgt Ion: 97 Resp: 113025

Ion Ratio Lower Upper

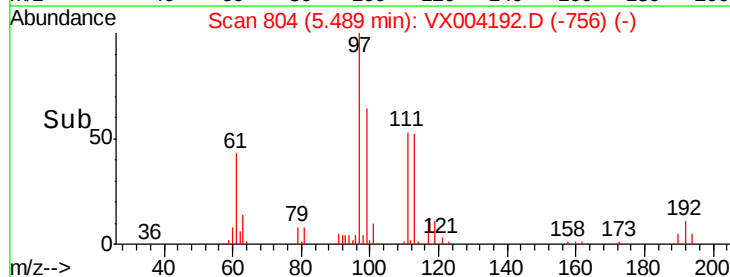
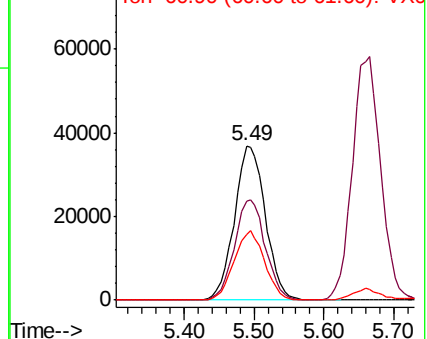
97 100

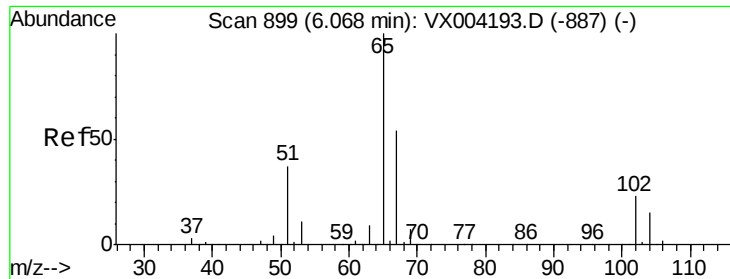
99 64.9 52.0 78.0

61 44.4 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

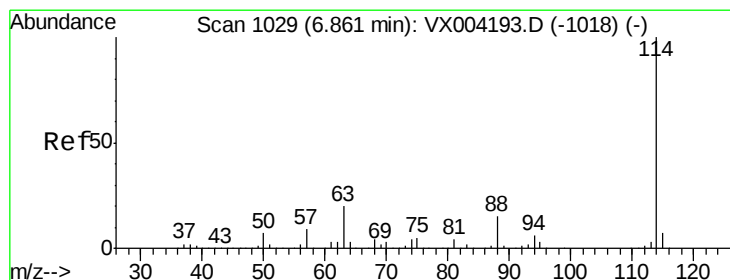
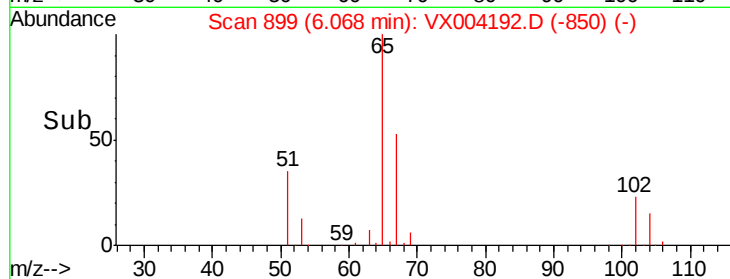
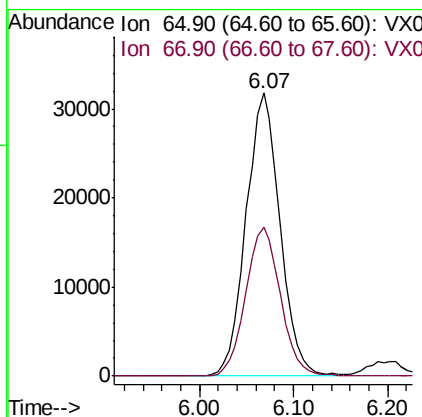
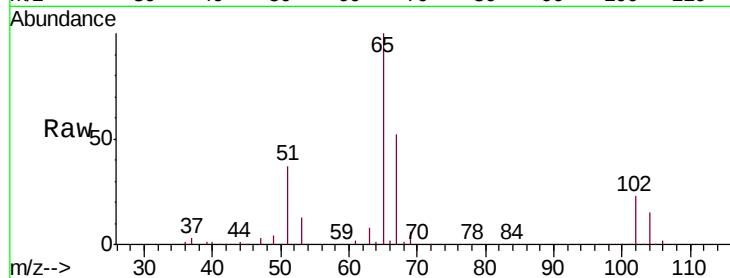




#33
 1,2-Dichloroethane-d4
 Concen: 19.006 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

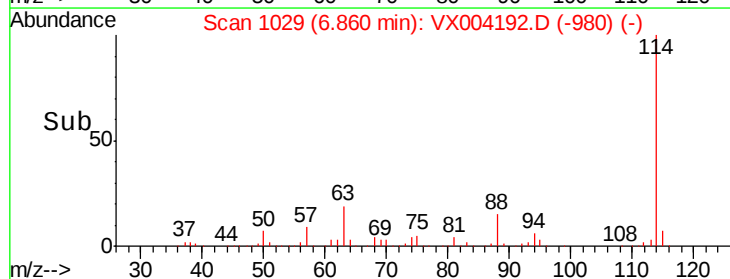
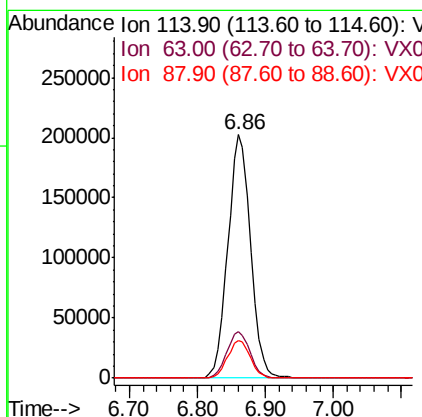
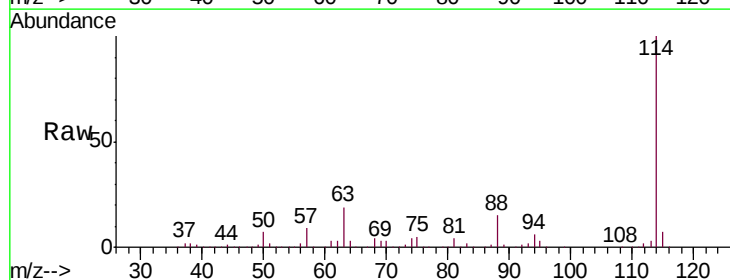
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

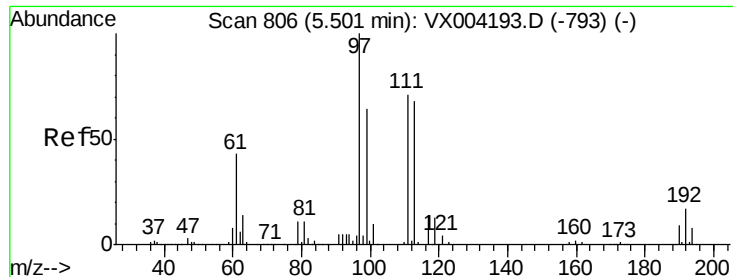
Tgt Ion: 65 Resp: 80521
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Tgt Ion: 114 Resp: 468288
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.4 0.0 30.4

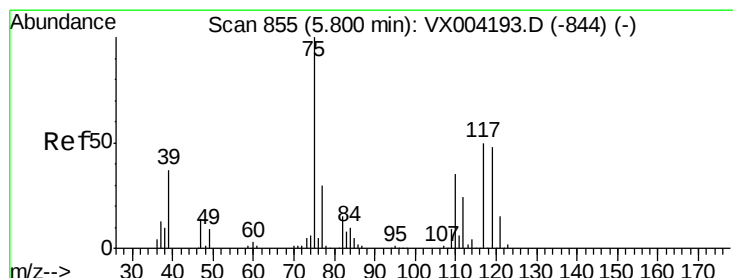
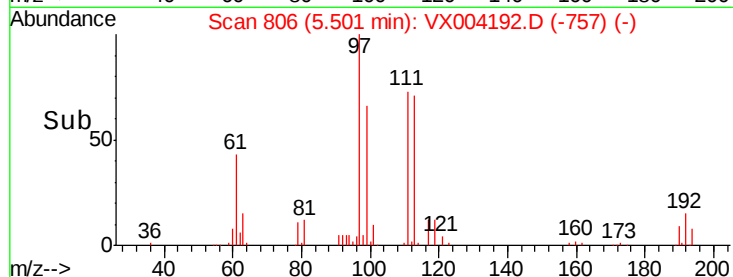
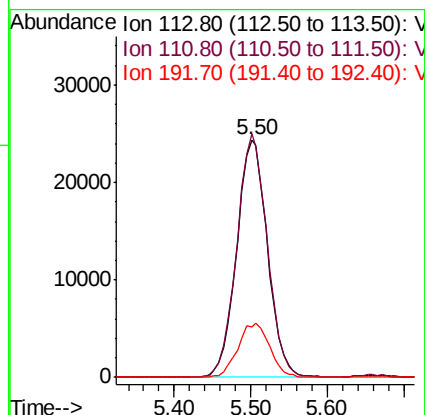
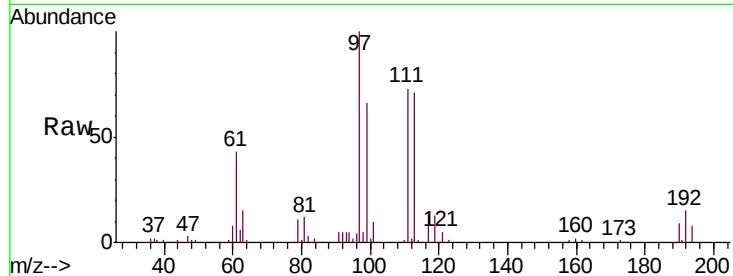




#35
 Dibromofluoromethane
 Concen: 19.523 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

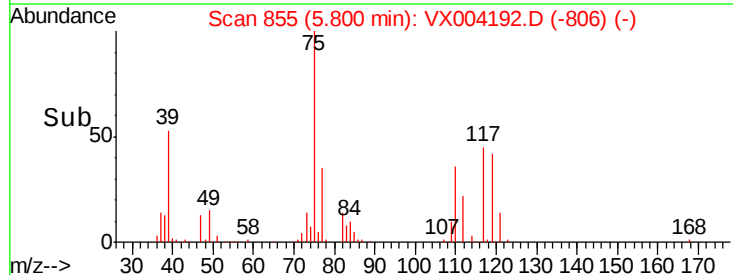
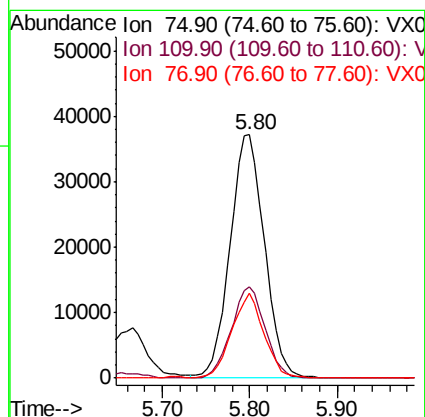
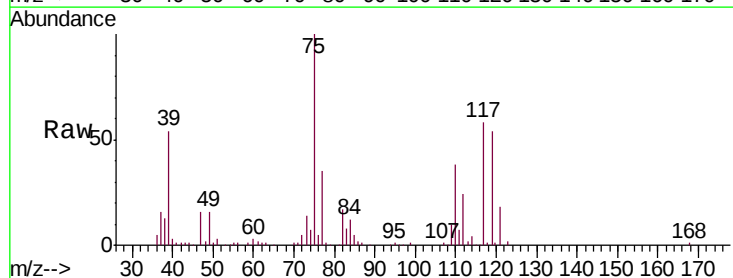
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

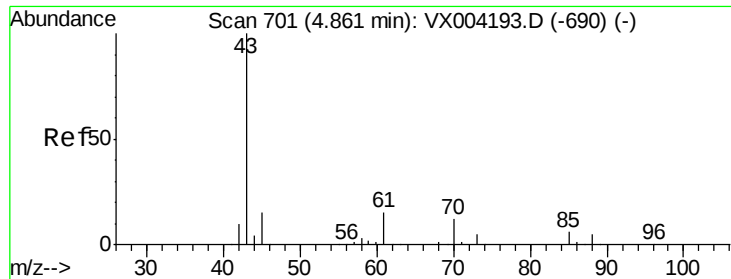
Tgt Ion:113 Resp: 68012
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.4 123.6
 192 23.4 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 19.354 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Tgt Ion: 75 Resp: 101891
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.0 54.0
 77 32.6 24.6 36.8

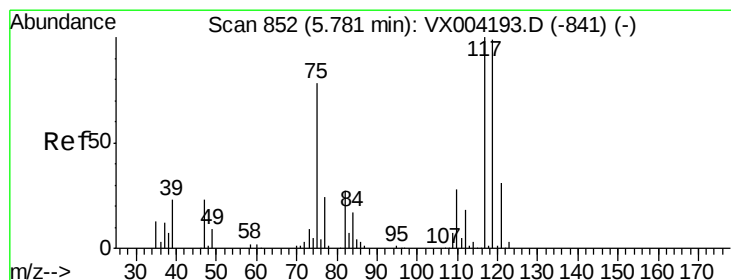
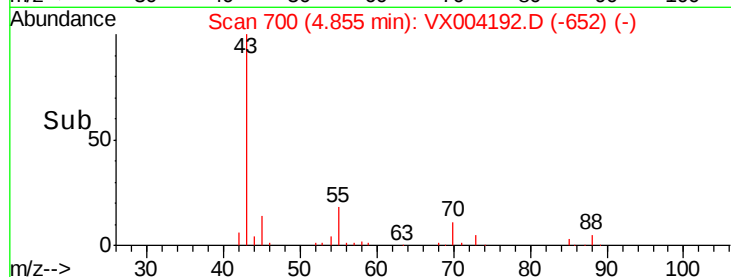
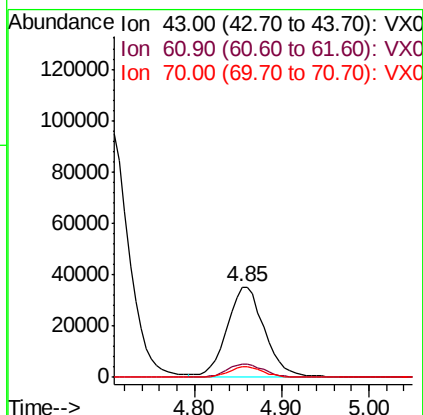
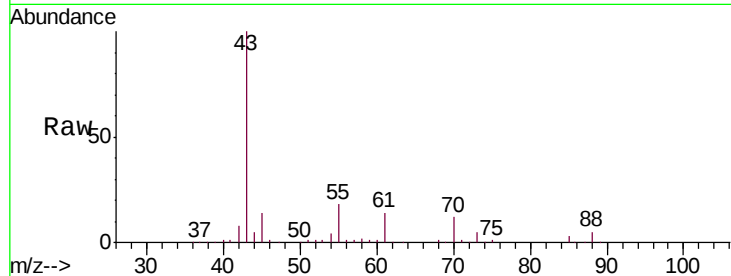




#37
Ethyl Acetate
Concen: 19.955 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

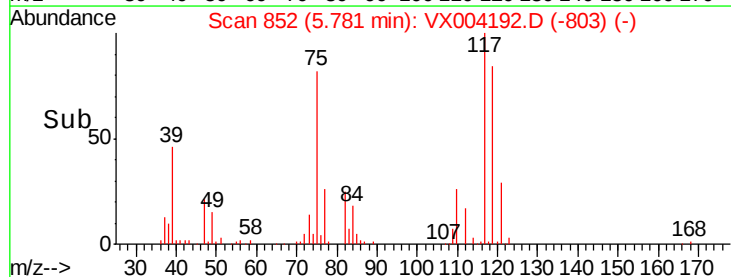
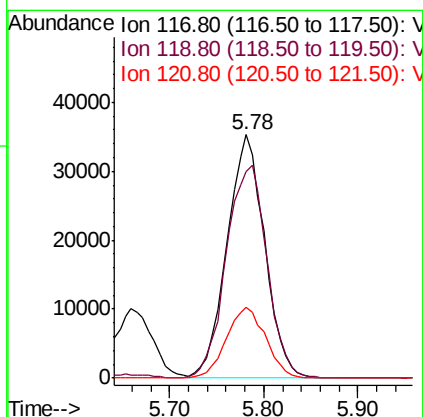
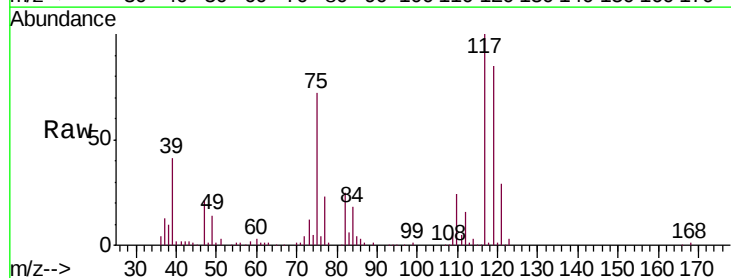
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

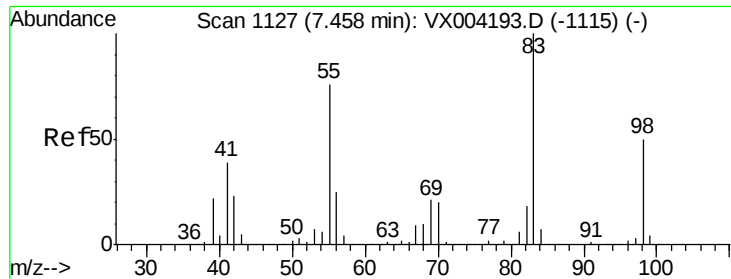
Tgt Ion: 43 Resp: 103322
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.886 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 117 Resp: 98486
Ion Ratio Lower Upper
117 100
119 84.9 78.8 118.2
121 29.2 24.9 37.3

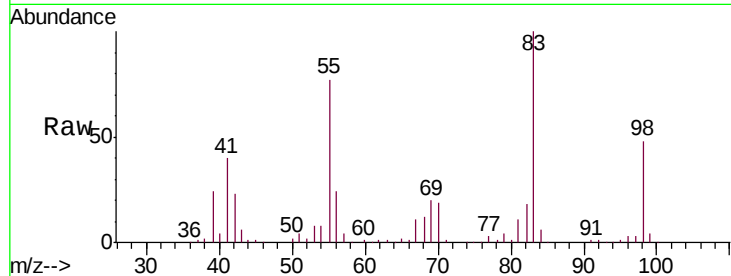




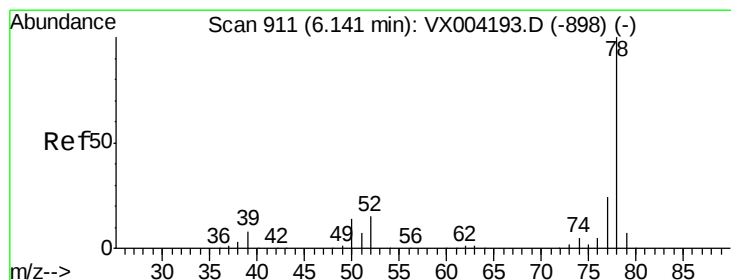
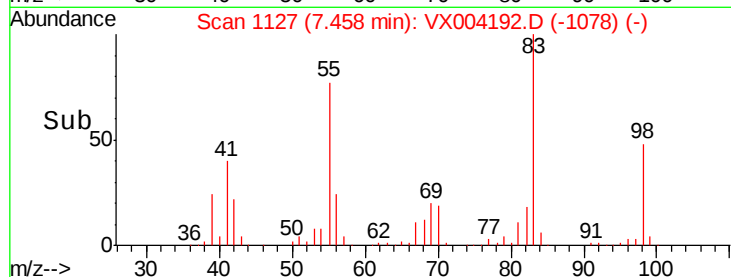
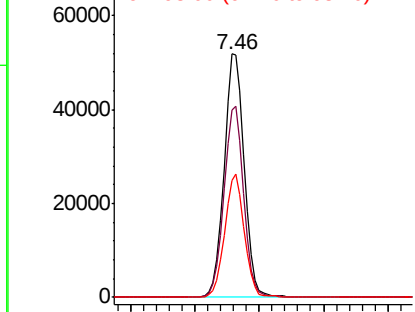
#39
Methylcyclohexane
Concen: 19.091 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 114754
Ion Ratio Lower Upper
83 100
55 76.8 61.0 91.4
98 48.0 39.6 59.4

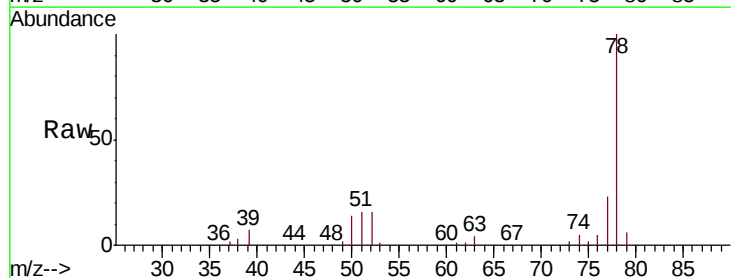


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

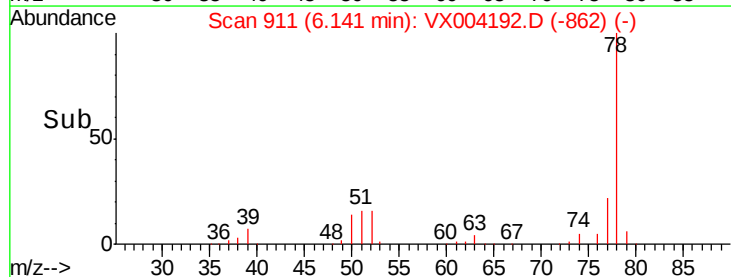
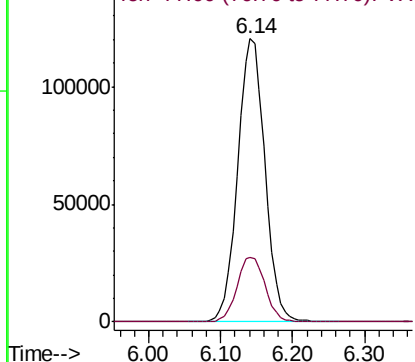


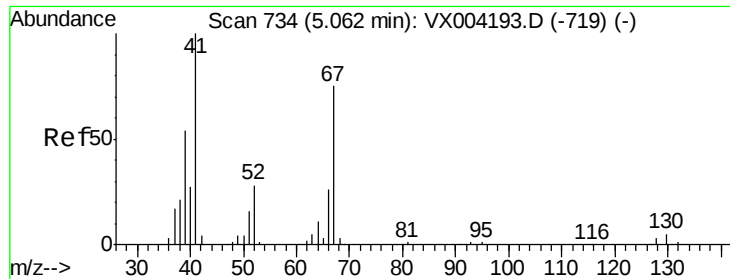
#40
Benzene
Concen: 20.049 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 78 Resp: 315384
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

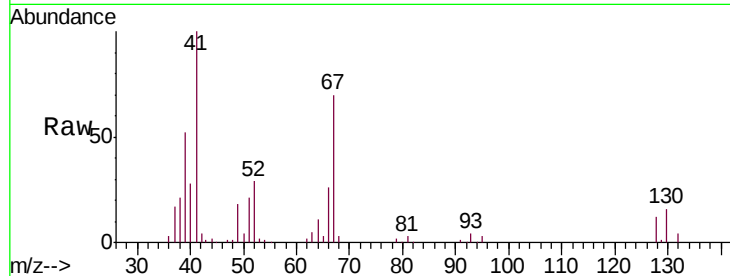




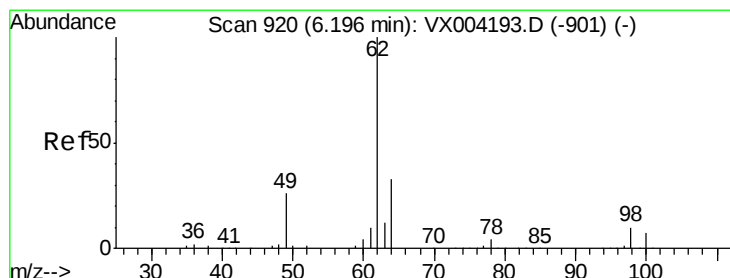
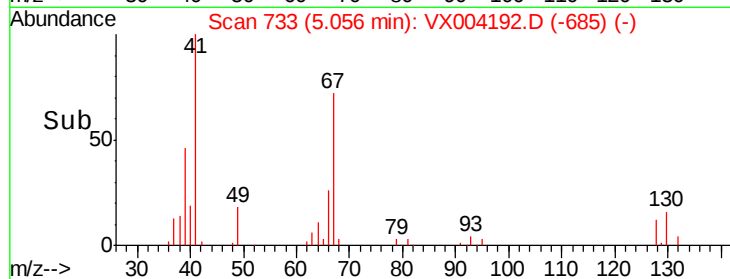
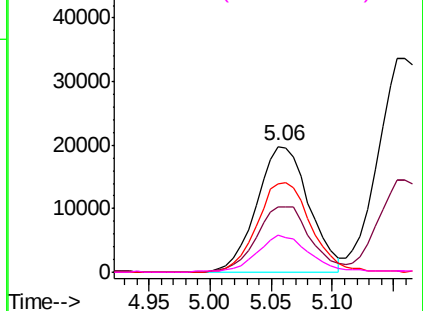
#41
Methacrylonitrile
Concen: 19.607 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	58843
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.4	63.6
67	73.5	59.2	88.8
52	29.1	23.0	34.4

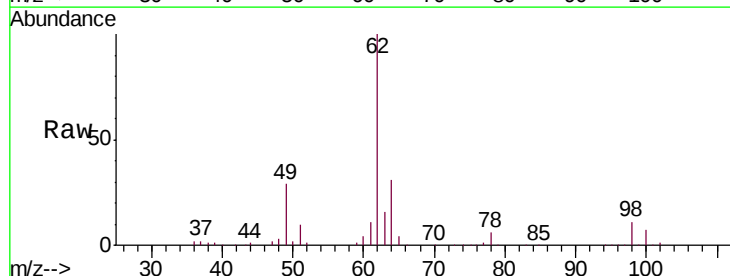


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

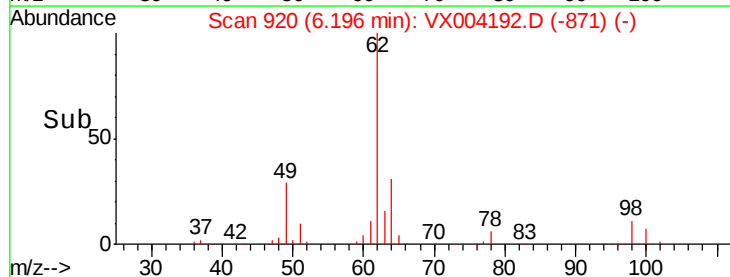
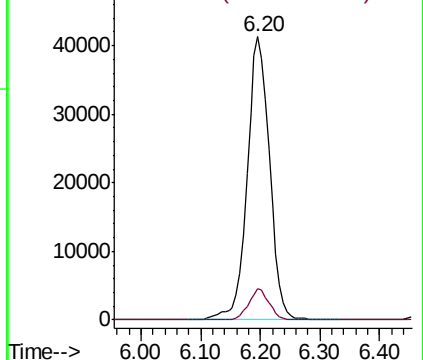


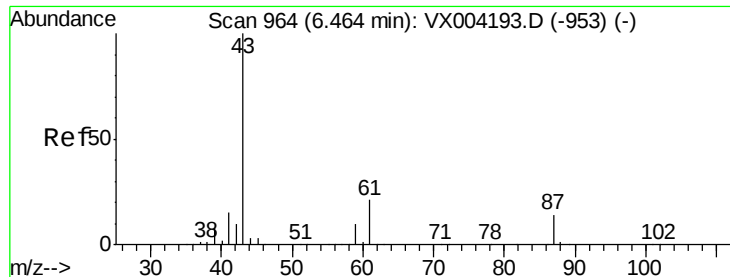
#42
1,2-Dichloroethane
Concen: 20.046 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion:	62	Resp:	107566
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.447 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

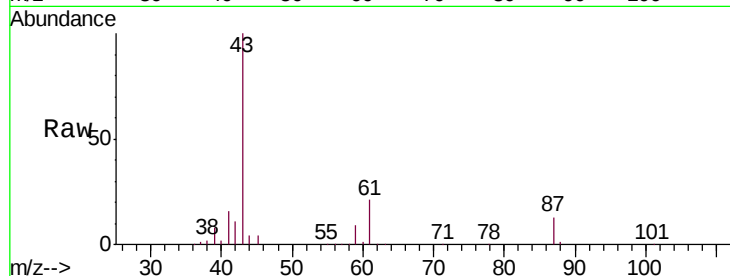
Tgt Ion: 43 Resp: 154721

Ion Ratio Lower Upper

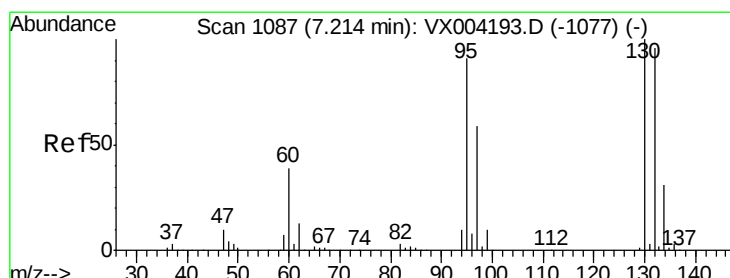
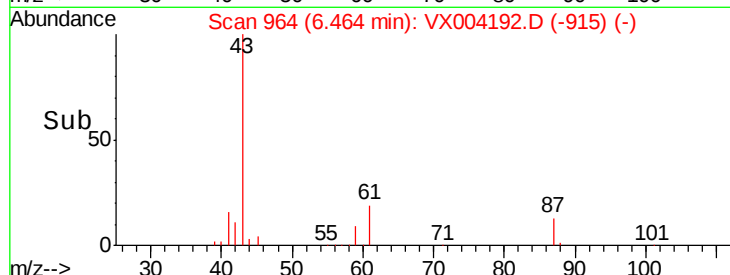
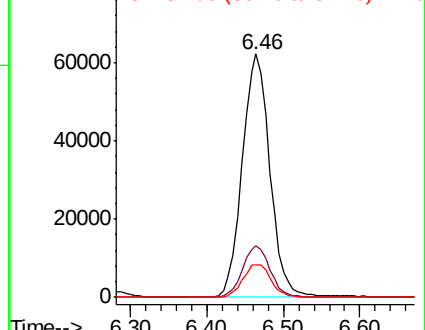
43 100

61 21.1 17.0 25.4

87 14.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.396 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004192.D

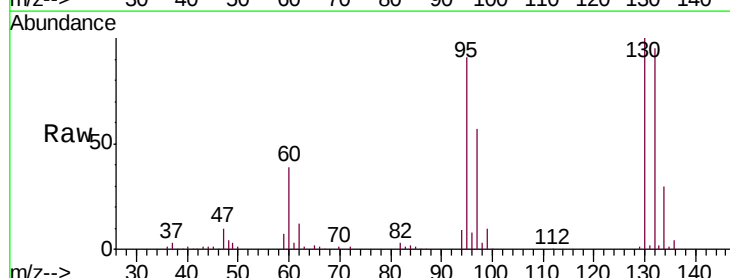
Acq: 22 Aug 2018 11:15

Tgt Ion: 130 Resp: 84461

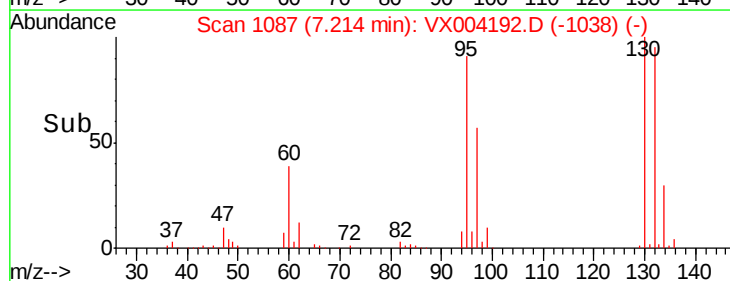
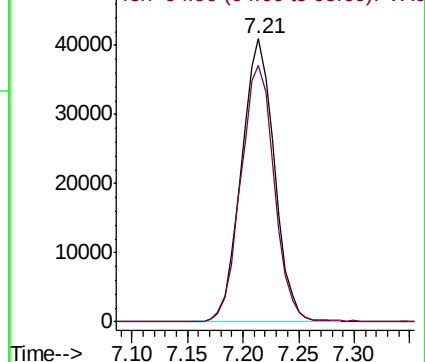
Ion Ratio Lower Upper

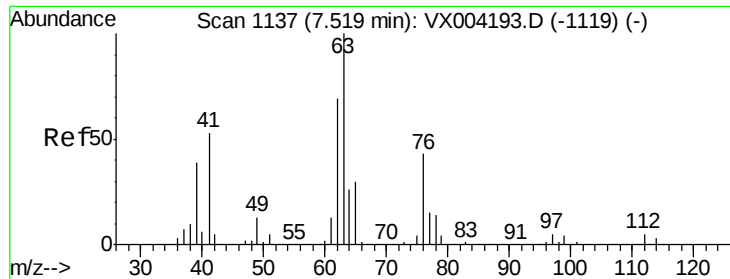
130 100

95 90.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.892 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

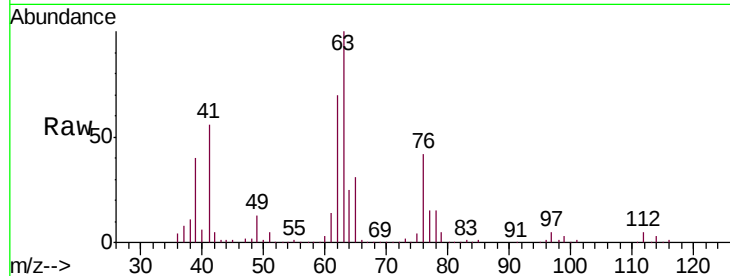
VSTDIC020

Tgt Ion: 63 Resp: 78318

Ion Ratio Lower Upper

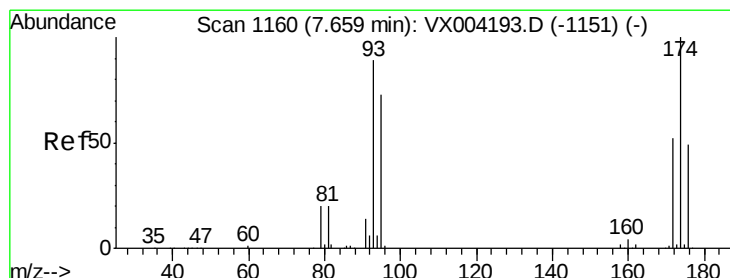
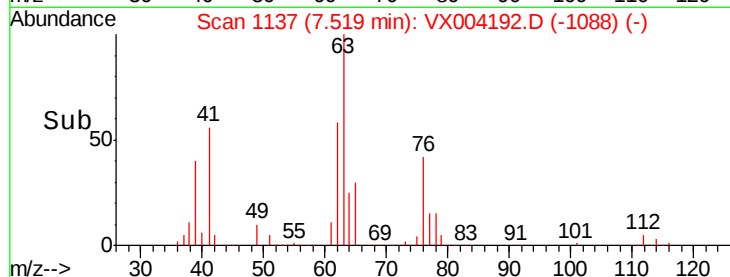
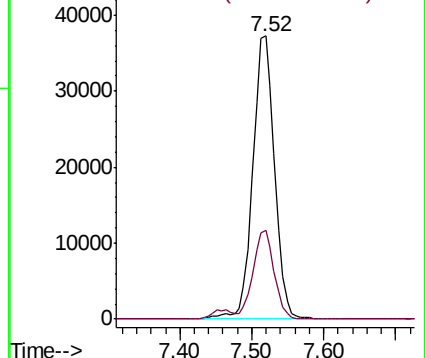
63 100

65 31.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.643 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

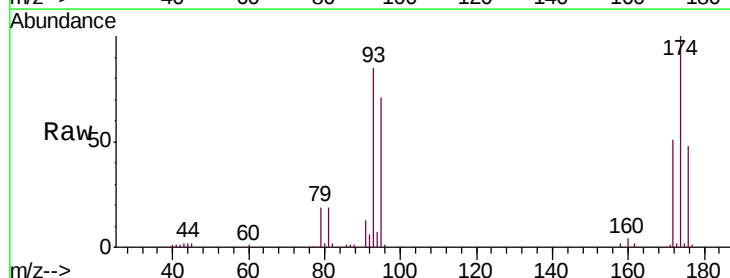
Tgt Ion: 93 Resp: 51493

Ion Ratio Lower Upper

93 100

95 84.4 65.5 98.3

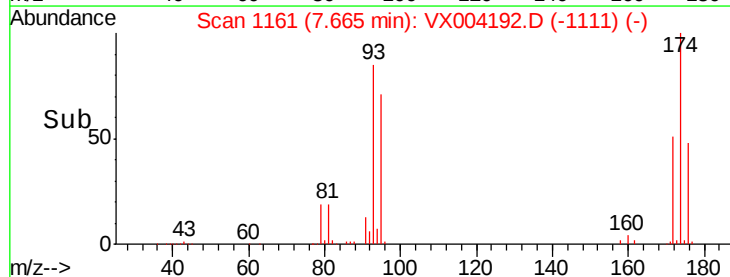
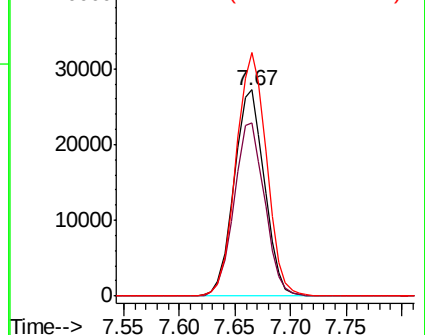
174 118.3 94.2 141.4

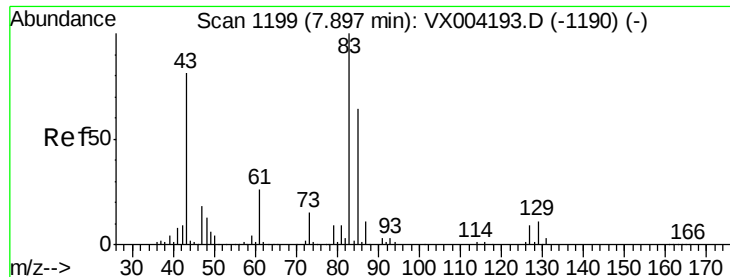


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.766 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

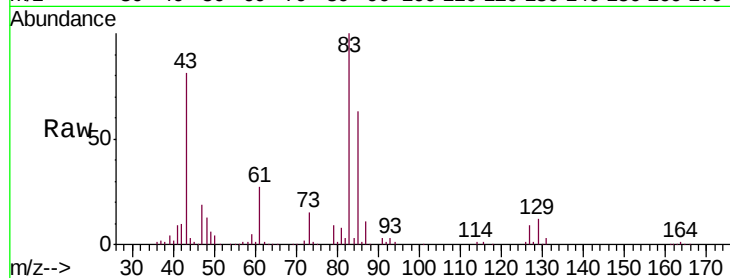
Tgt Ion: 83 Resp: 96419

Ion Ratio Lower Upper

83 100

85 62.8 50.9 76.3

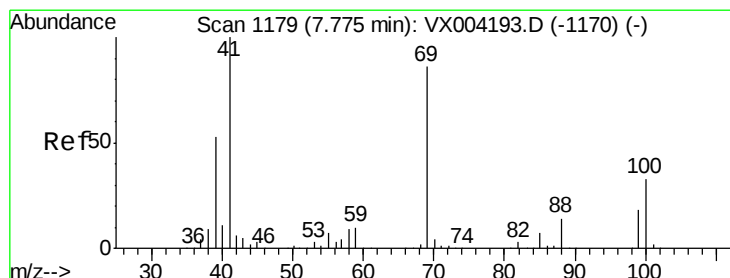
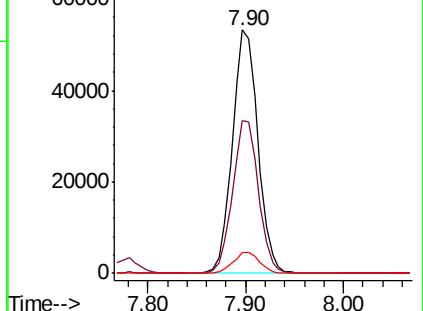
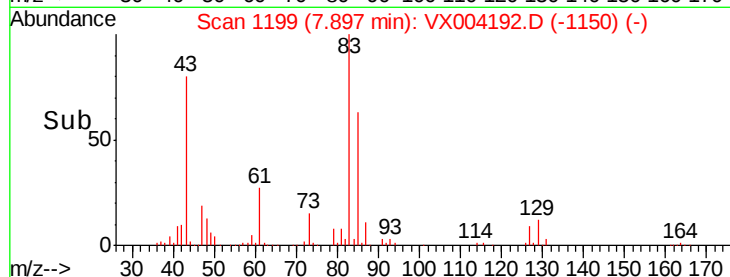
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.528 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

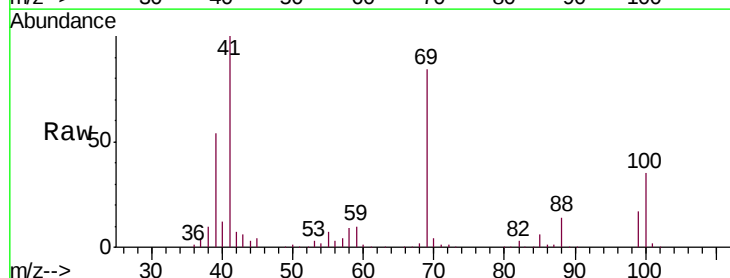
Tgt Ion: 41 Resp: 83134

Ion Ratio Lower Upper

41 100

69 87.3 70.2 105.4

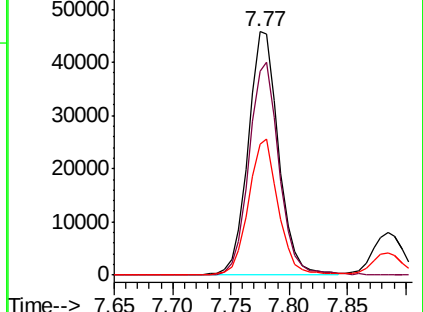
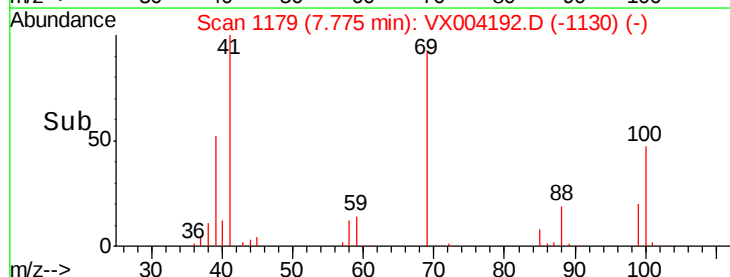
39 54.8 42.7 64.1

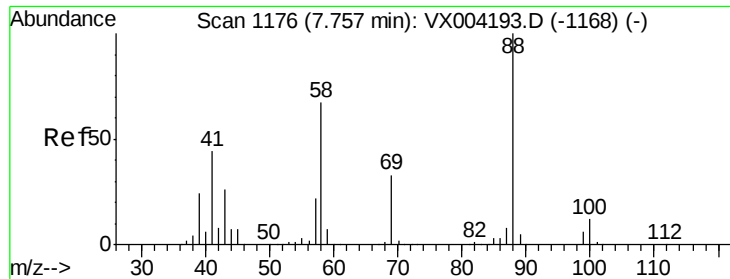


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

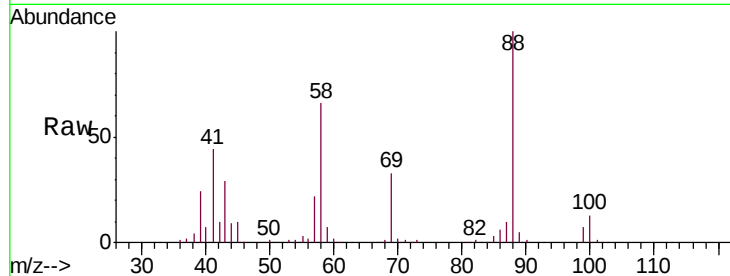




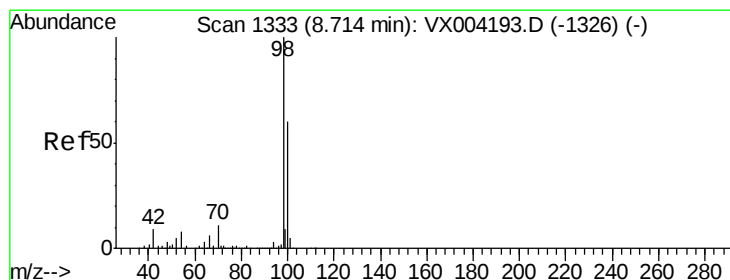
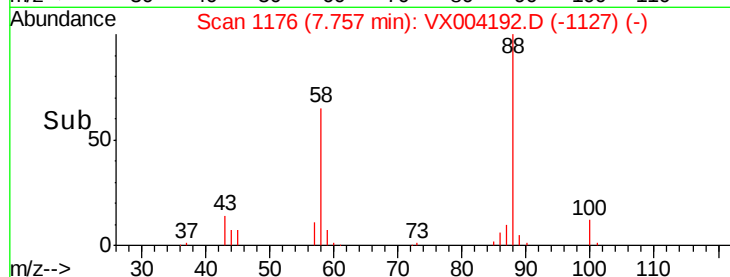
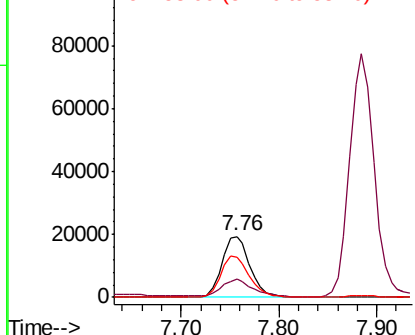
#49
1,4-Dioxane
Concen: 398.252 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 38493
Ion Ratio Lower Upper
88 100
43 31.1 24.7 37.1
58 70.0 55.3 82.9

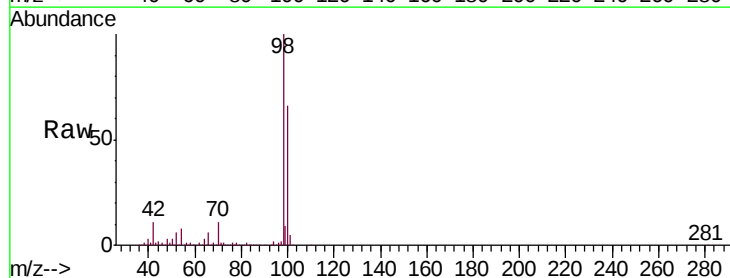


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

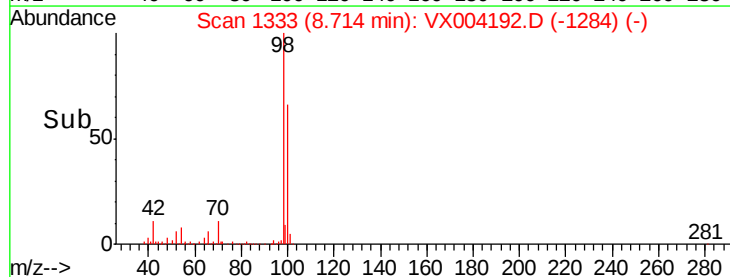
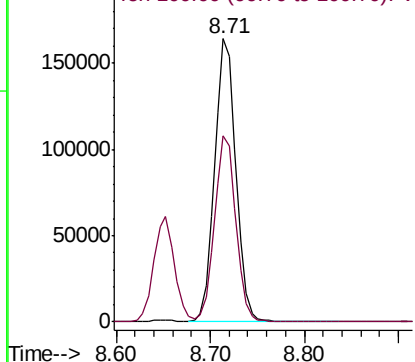


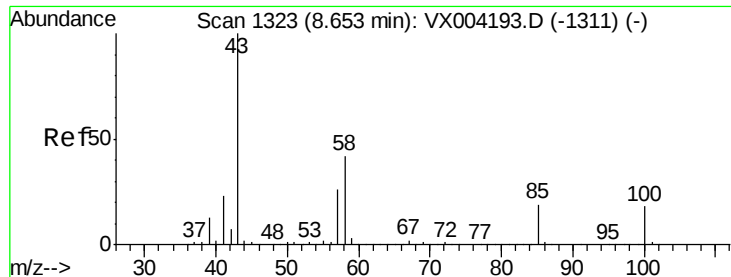
#50
Toluene-d8
Concen: 19.393 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 98 Resp: 255012
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

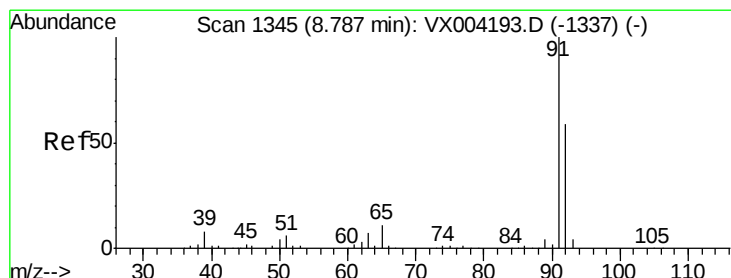
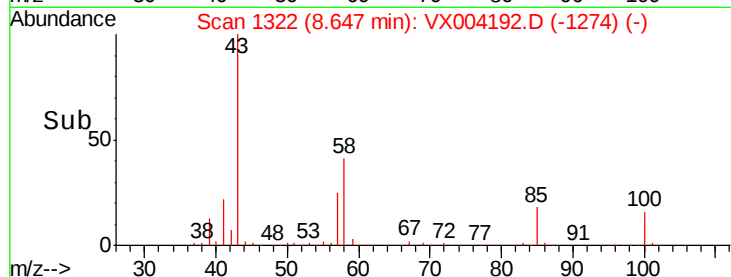
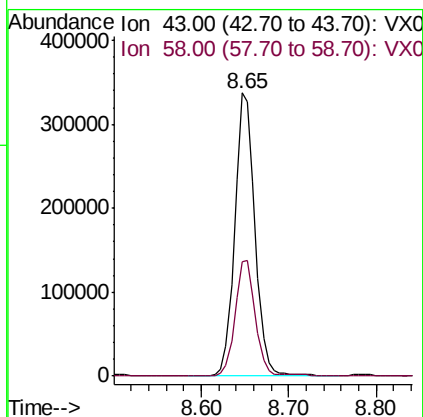
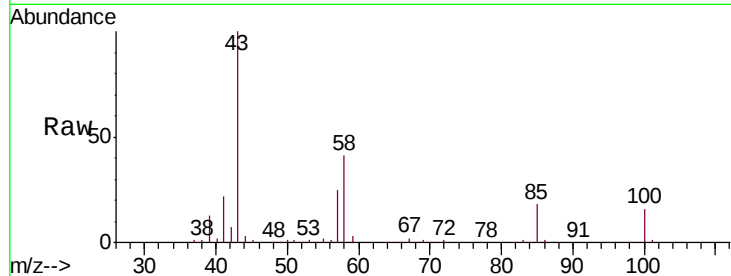




#51
4-Methyl-2-Pentanone
Concen: 94.248 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

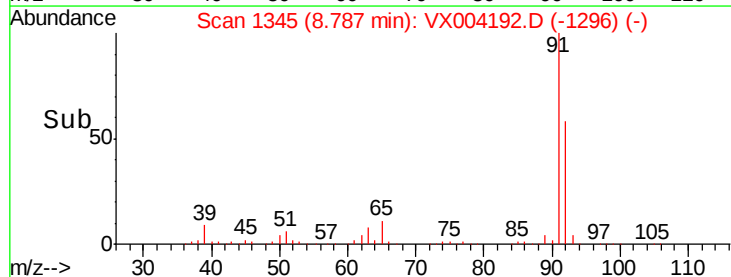
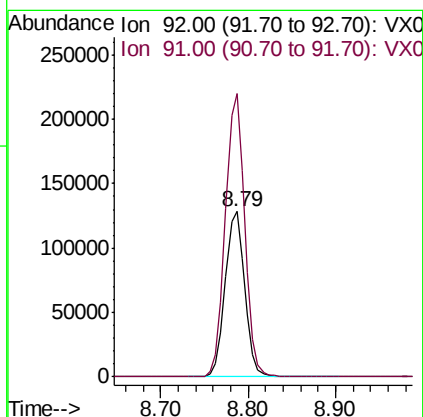
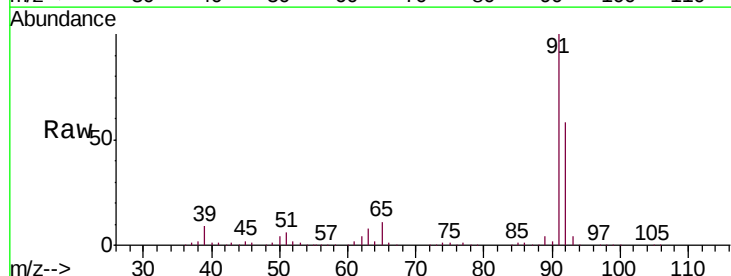
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

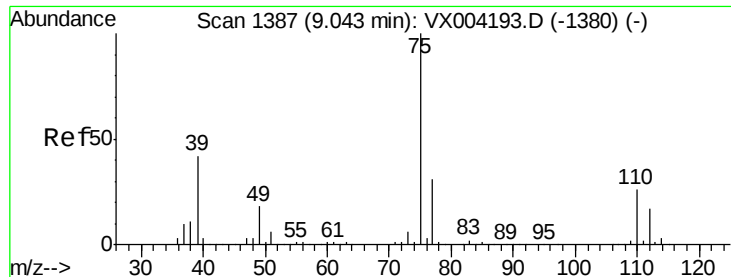
Tgt Ion: 43 Resp: 544816
Ion Ratio Lower Upper
43 100
58 40.8 33.1 49.7



#52
Toluene
Concen: 20.168 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 92 Resp: 198595
Ion Ratio Lower Upper
92 100
91 170.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.284 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

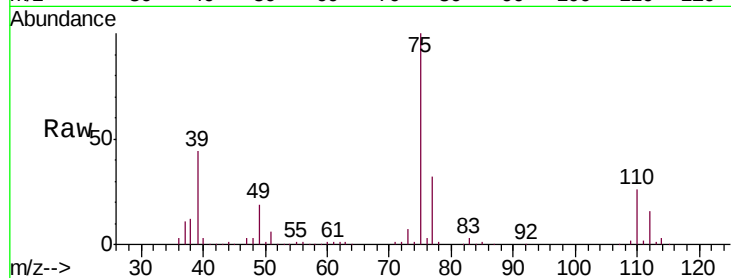
VSTDIC020

Tgt Ion: 75 Resp: 103897

Ion Ratio Lower Upper

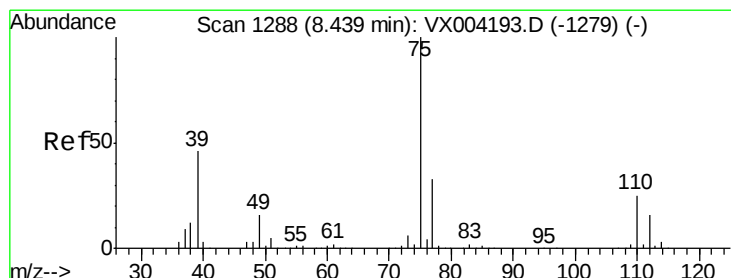
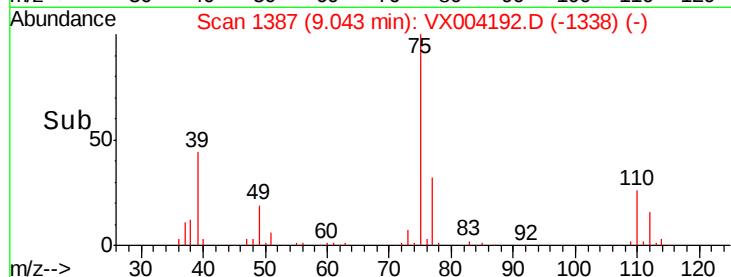
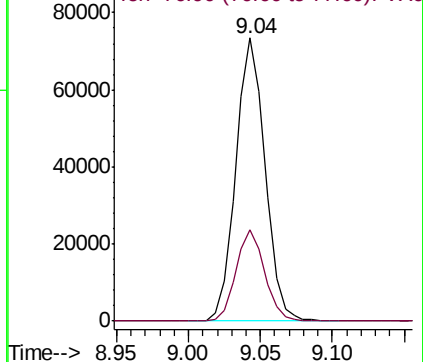
75 100

77 32.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.865 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

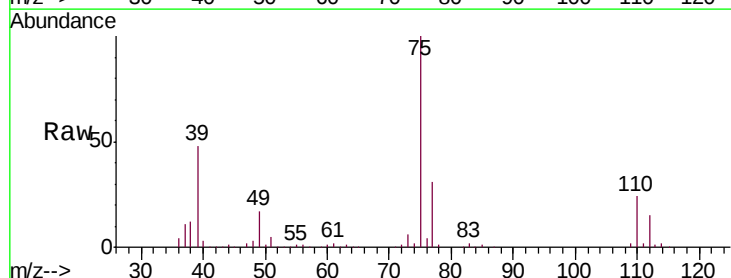
Tgt Ion: 75 Resp: 116581

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

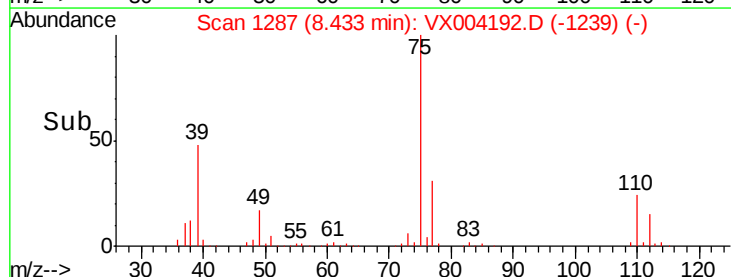
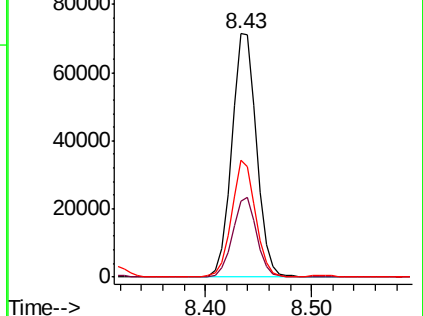
39 47.8 36.4 54.6

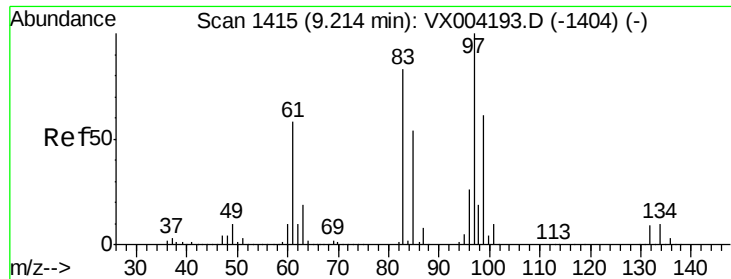


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

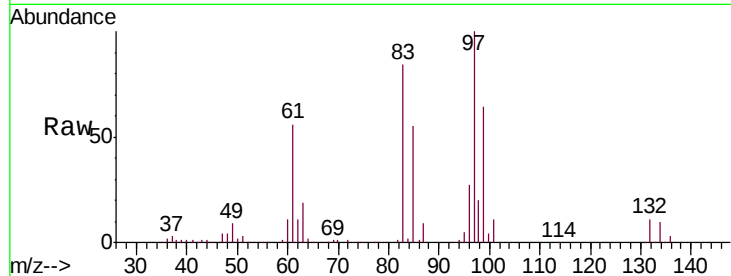




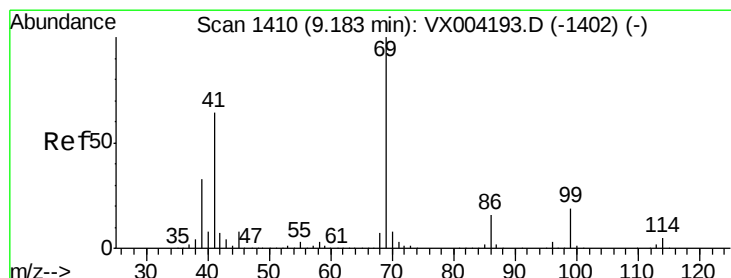
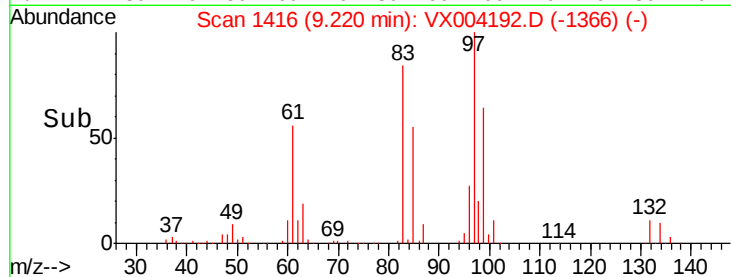
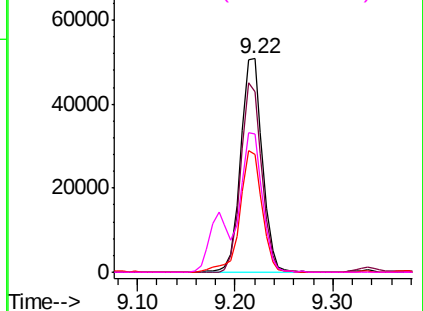
#55
 1,1,2-Trichloroethane
 Concen: 19.715 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	78369
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.4	99.6
85	55.4	43.3	64.9
99	64.5	49.0	73.4

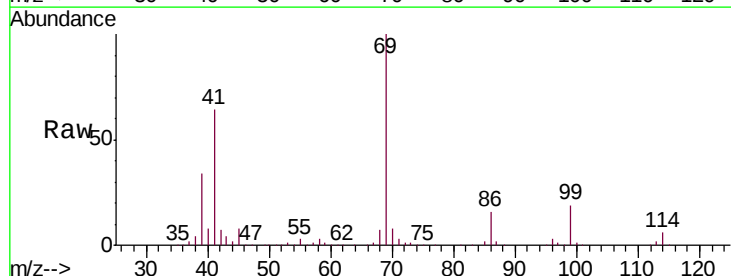


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

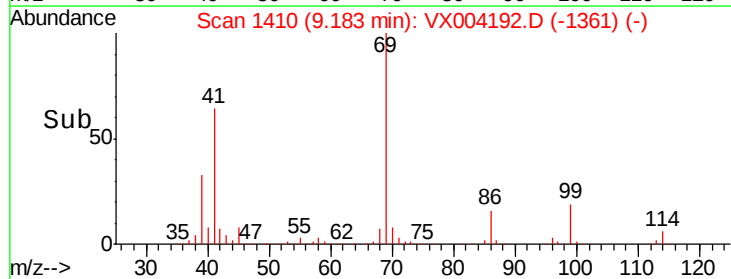
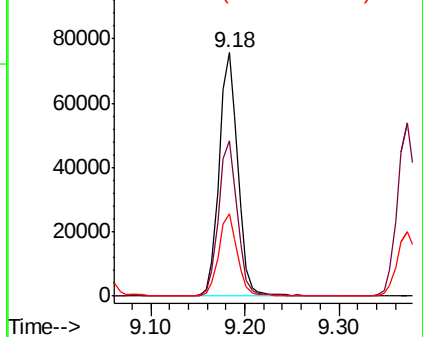


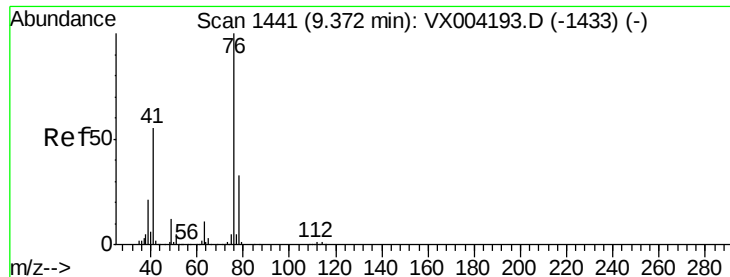
#56
 Ethyl methacrylate
 Concen: 19.279 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Tgt Ion:	69	Resp:	104326
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.4
39	33.2	26.1	39.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.061 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

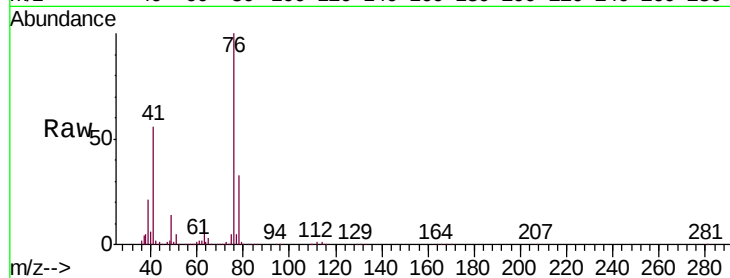
VSTDIC020

Tgt Ion: 76 Resp: 134417

Ion Ratio Lower Upper

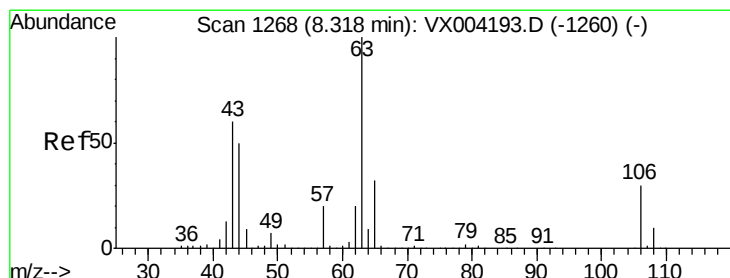
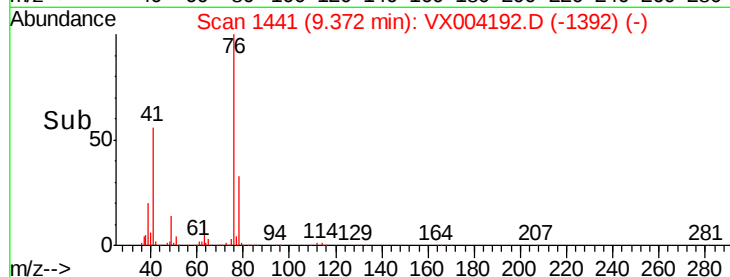
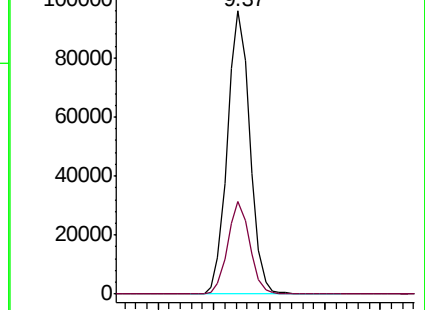
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.084 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX004192.D

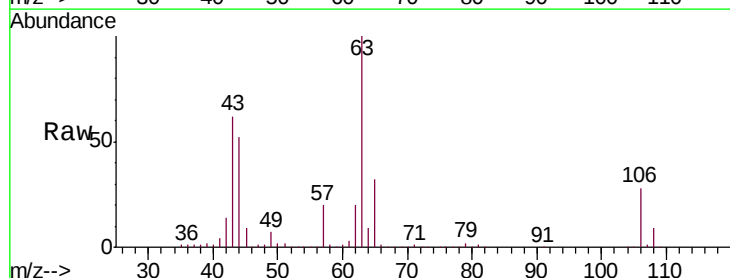
Acq: 22 Aug 2018 11:15

Tgt Ion: 63 Resp: 263638

Ion Ratio Lower Upper

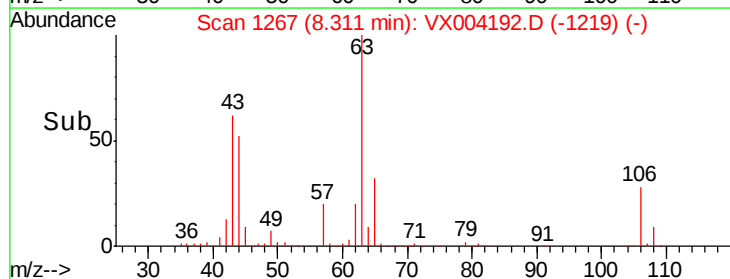
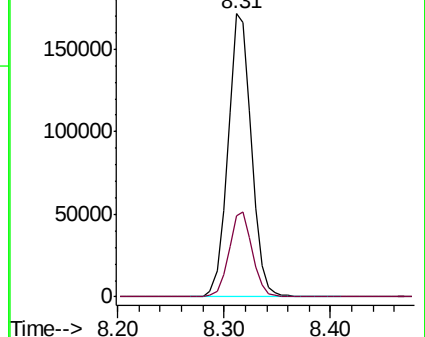
63 100

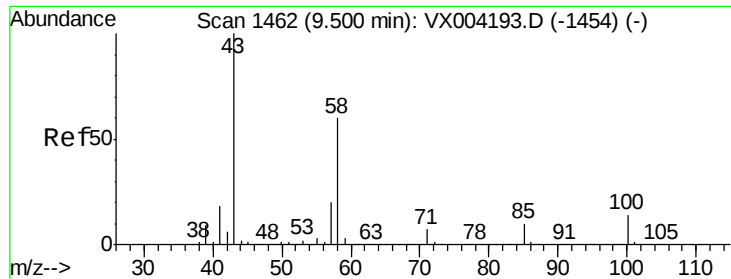
106 29.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

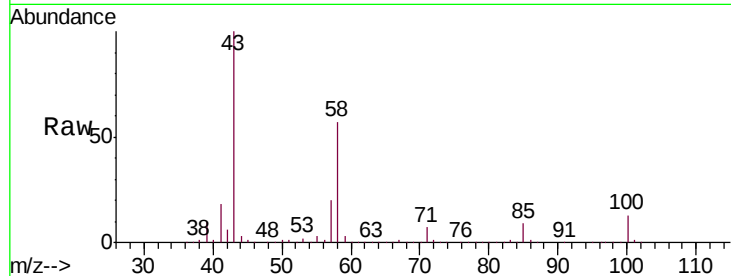




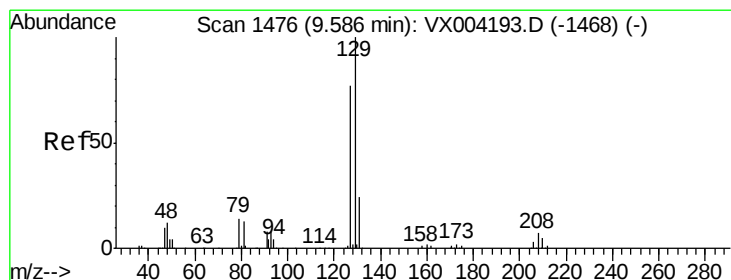
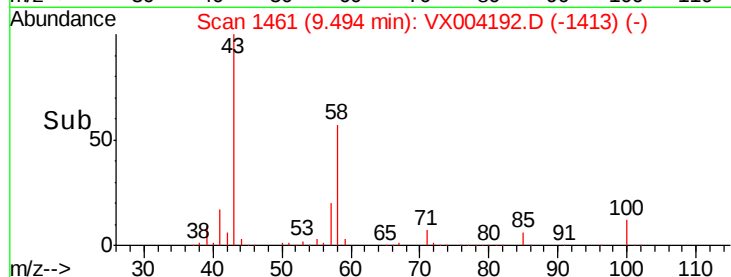
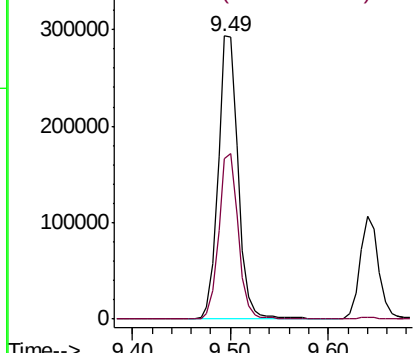
#59
2-Hexanone
Concen: 93.830 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 413800
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0

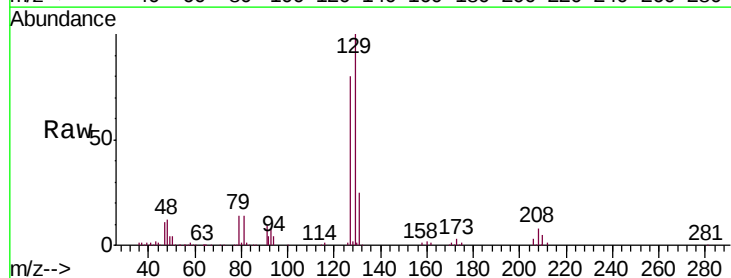


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

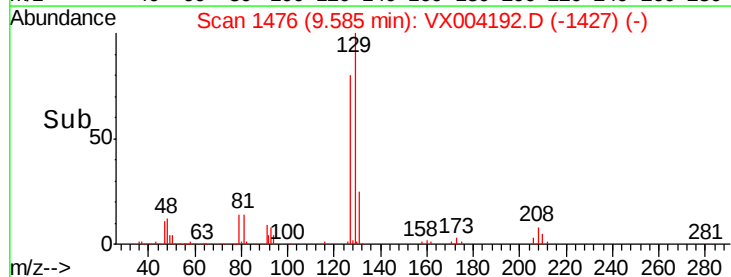
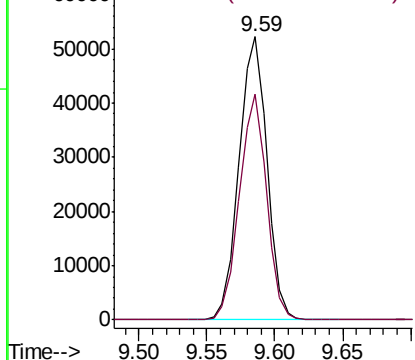


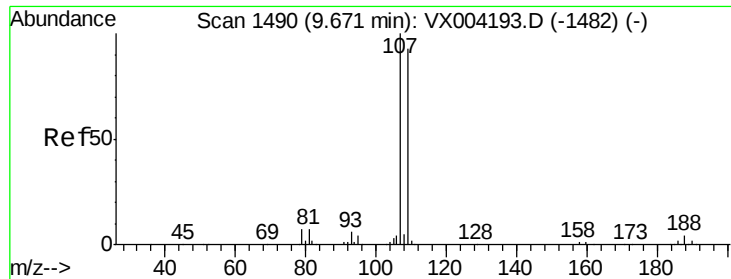
#60
Dibromochloromethane
Concen: 19.375 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 129 Resp: 75038
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.784 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

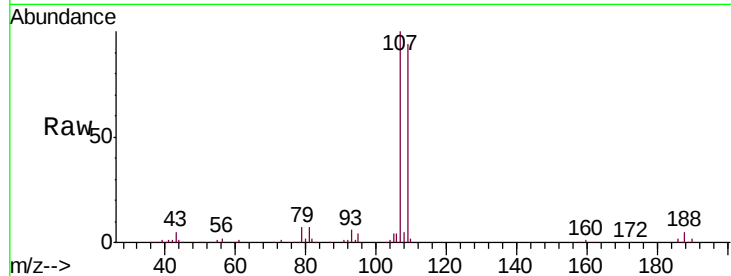
VSTDIC020

Tgt Ion: 107 Resp: 81383

Ion Ratio Lower Upper

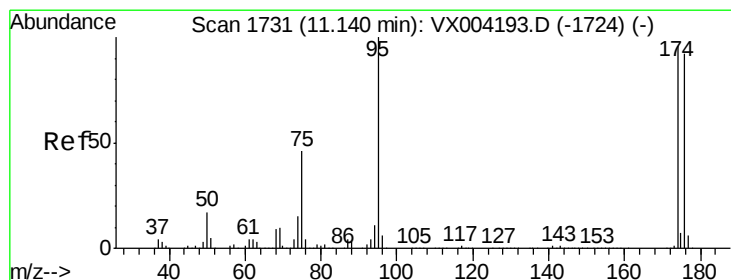
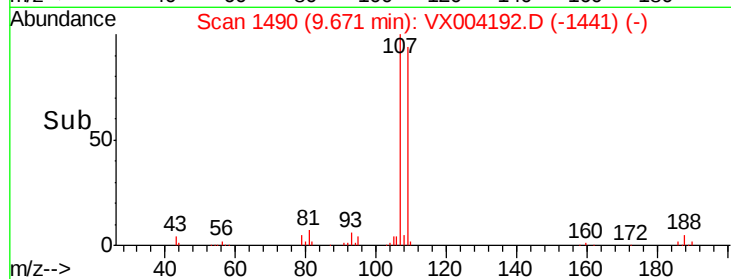
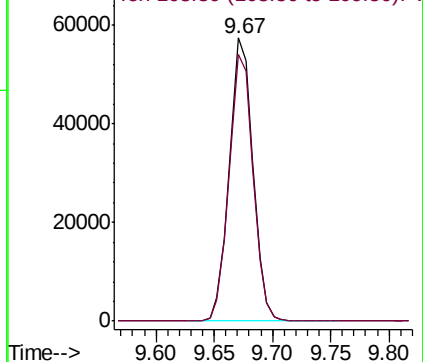
107 100

109 95.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.782 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

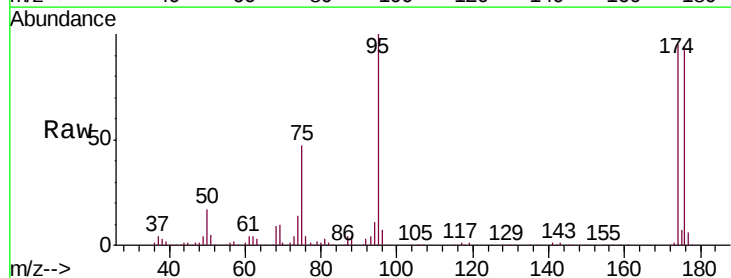
Tgt Ion: 95 Resp: 92155

Ion Ratio Lower Upper

95 100

174 90.2 0.0 185.2

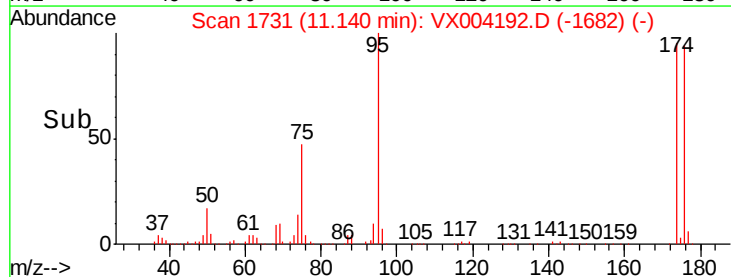
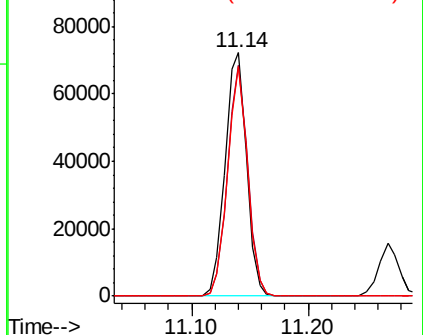
176 88.5 0.0 178.6

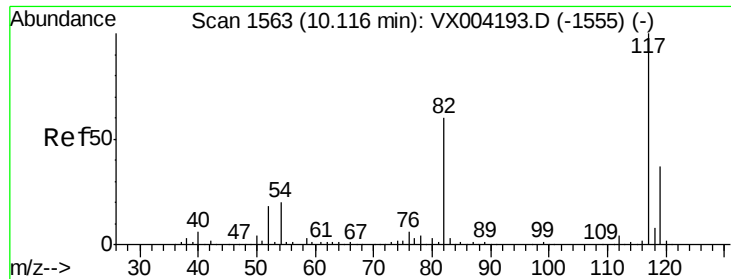


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

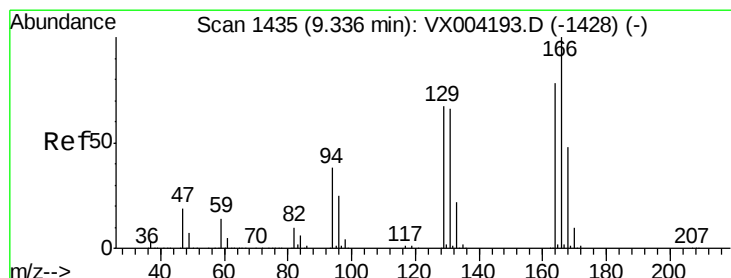
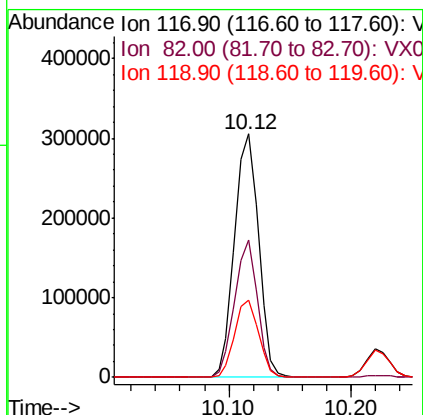
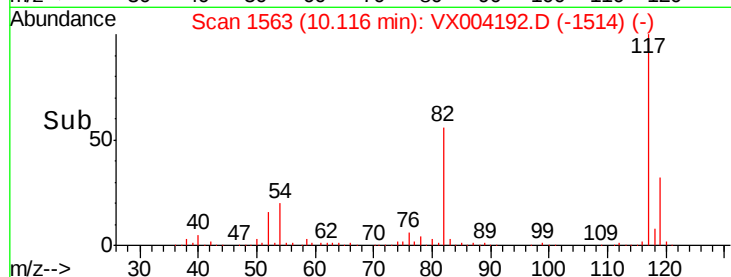
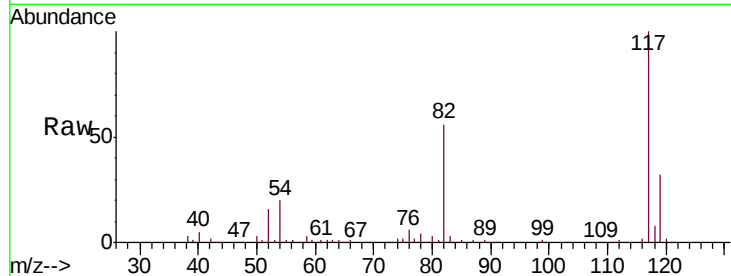




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

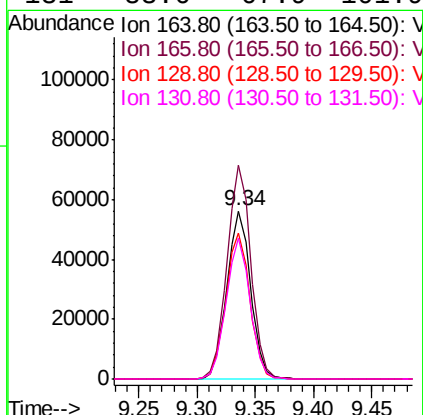
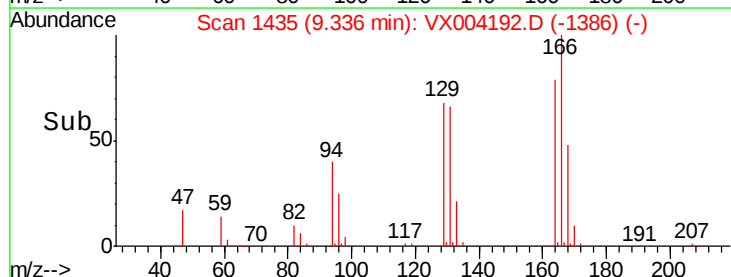
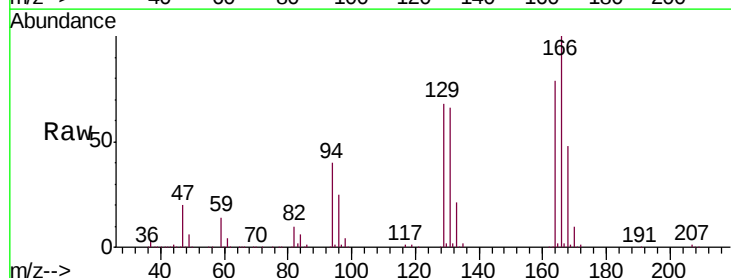
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

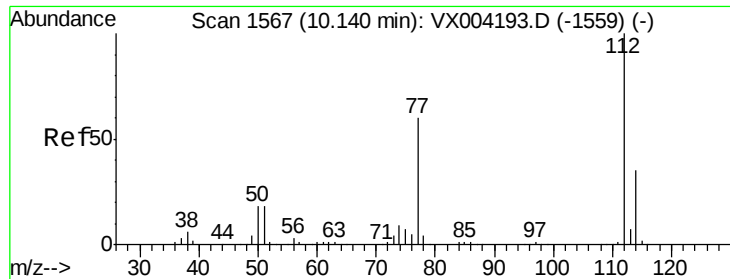
Tgt Ion:117 Resp: 415526
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.6
119 31.6 29.3 43.9



#64
Tetrachloroethene
Concen: 19.487 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion:164 Resp: 79991
Ion Ratio Lower Upper
164 100
166 127.2 102.8 154.2
129 86.7 69.4 104.0
131 83.6 67.9 101.9





#65

Chlorobenzene

Concen: 19.081 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

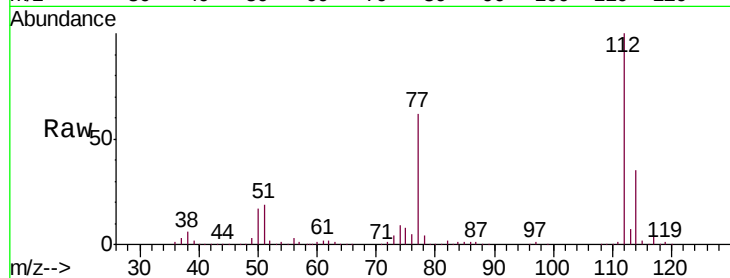
VSTDIC020

Tgt Ion:112 Resp: 198990

Ion Ratio Lower Upper

112 100

114 35.4 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

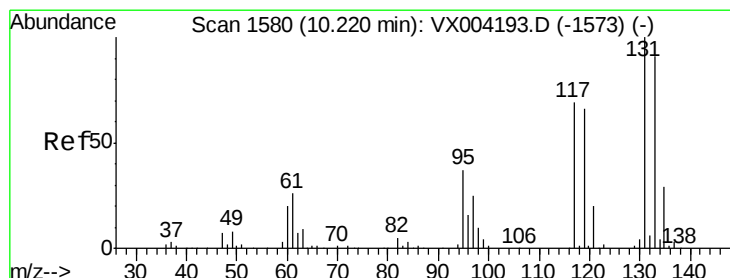
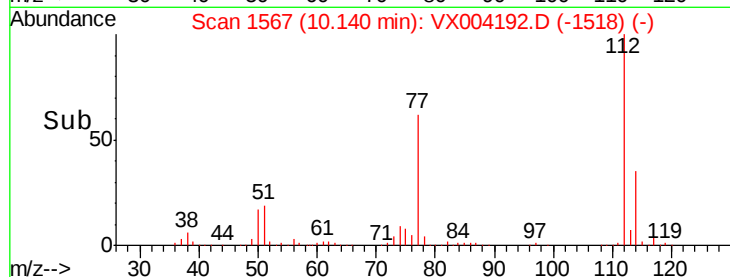
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.635 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

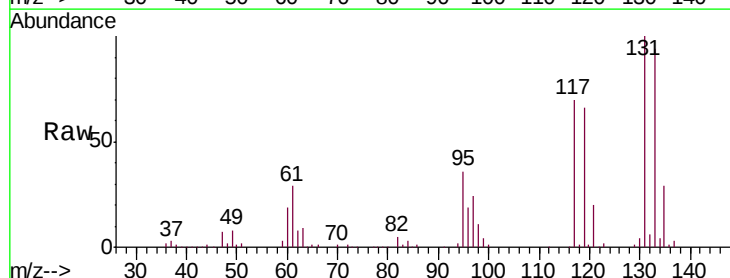
Tgt Ion:131 Resp: 70626

Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.4

119 64.6 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

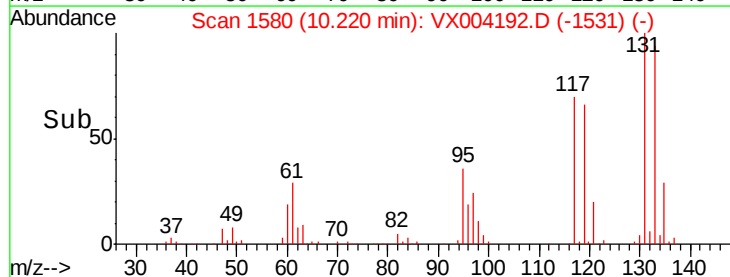
60000

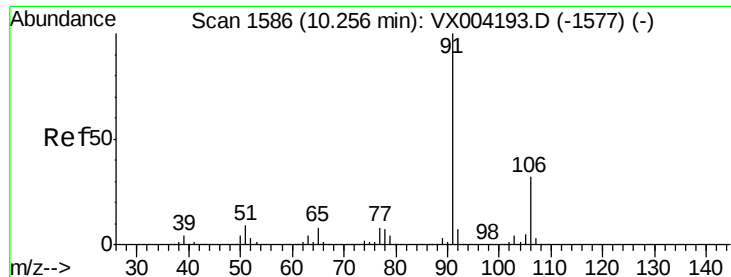
40000

20000

0

Time-->

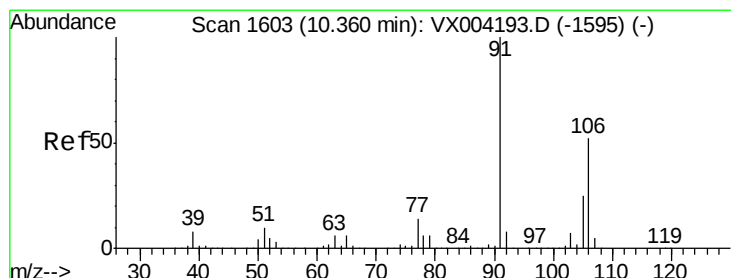
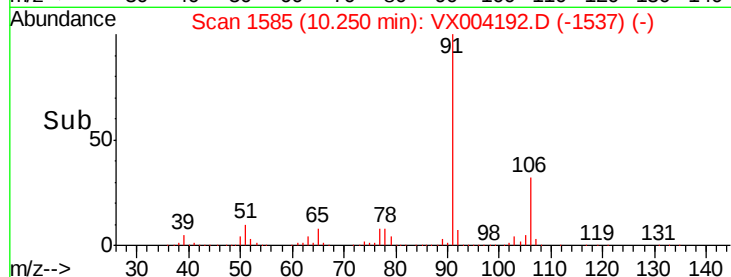
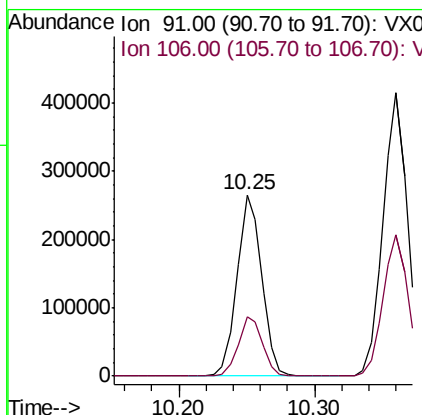
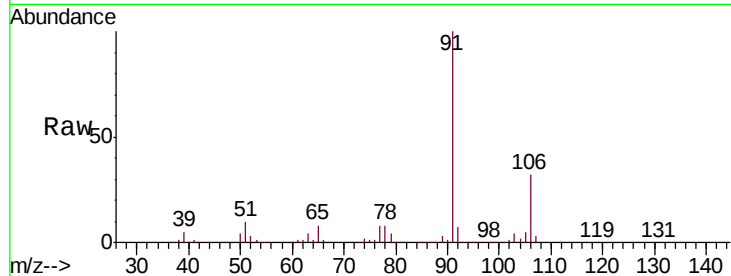




#67
Ethyl Benzene
Concen: 19.803 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

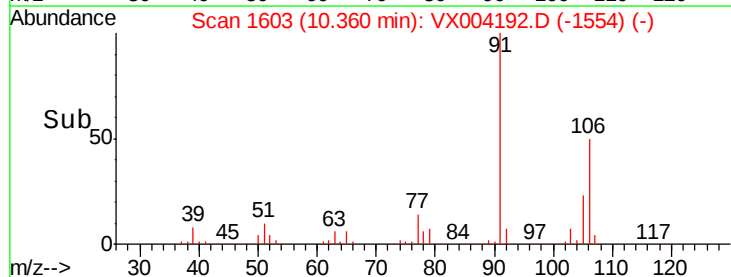
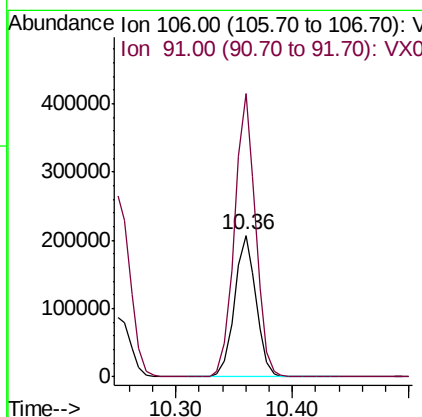
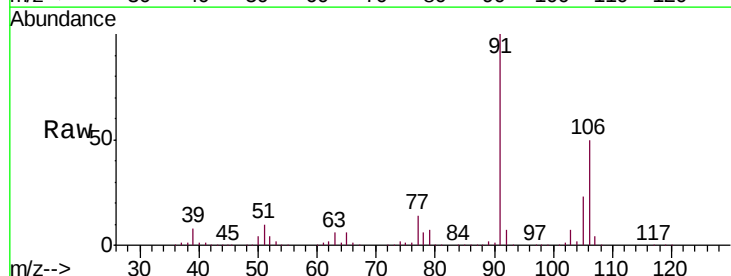
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

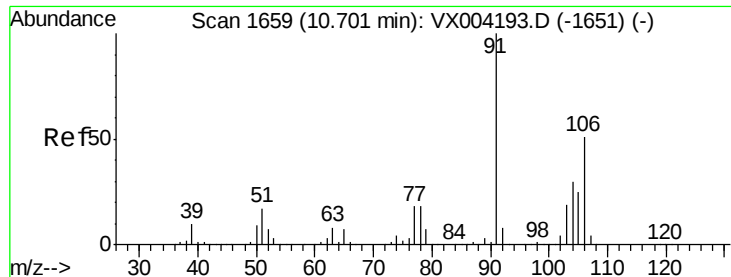
Tgt Ion: 91 Resp: 335397
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9



#68
m/p-Xylenes
Concen: 40.126 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion: 106 Resp: 265735
Ion Ratio Lower Upper
106 100
91 195.8 157.1 235.7

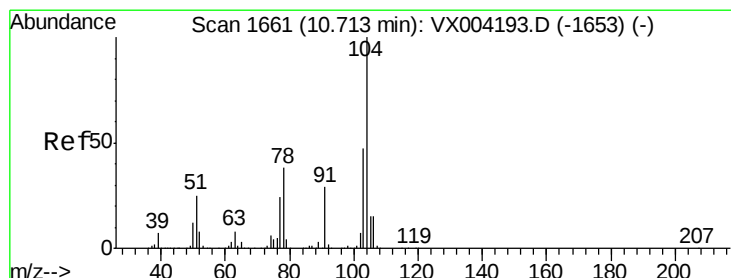
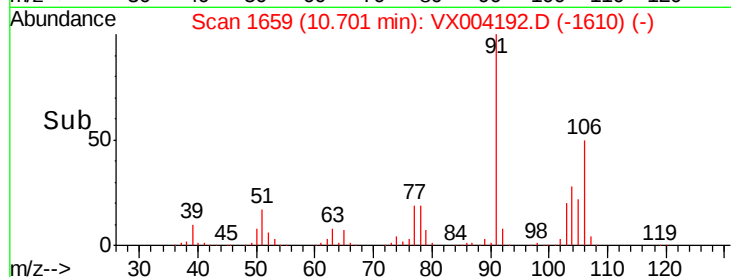
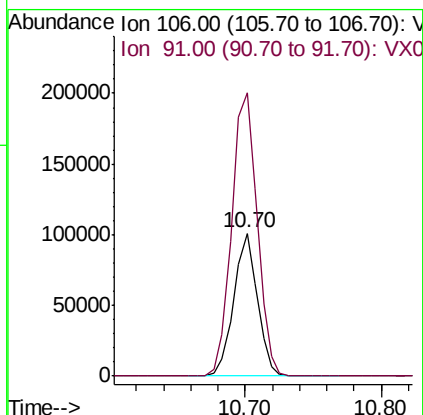
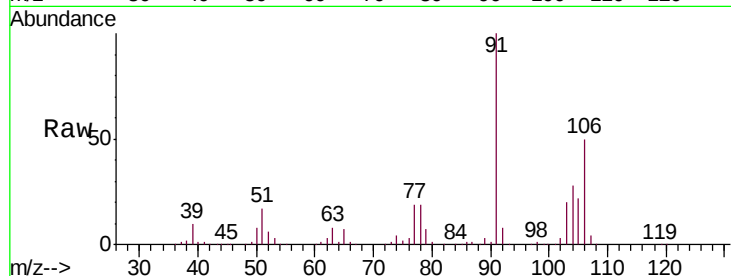




#69
o-Xylene
Concen: 19.500 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

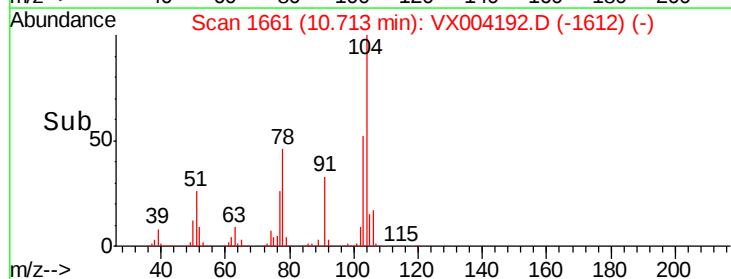
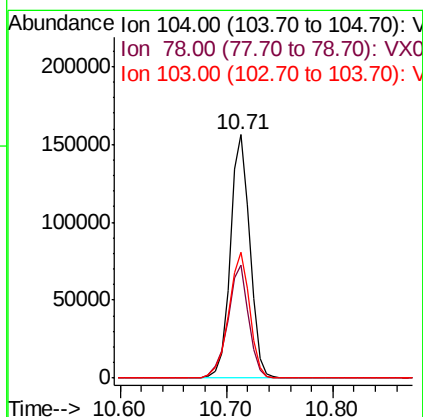
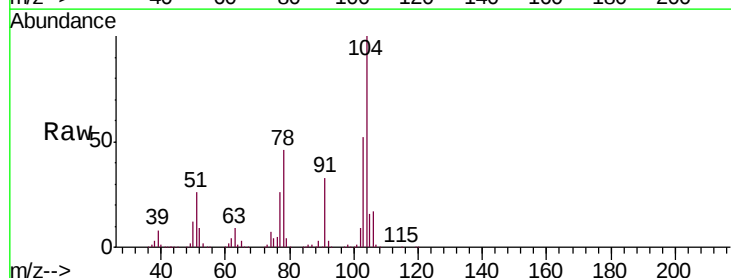
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

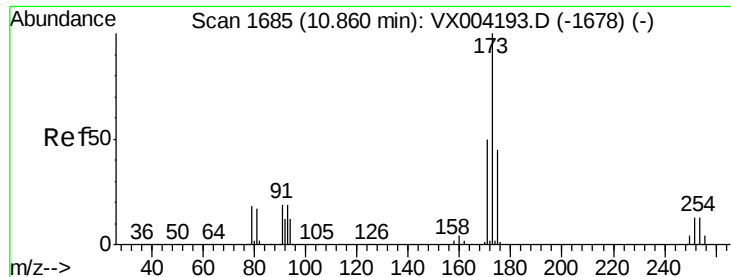
Tgt Ion:106 Resp: 122157
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.1



#70
Styrene
Concen: 19.872 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion:104 Resp: 201562
Ion Ratio Lower Upper
104 100
78 49.5 37.4 56.0
103 55.6 43.8 65.6

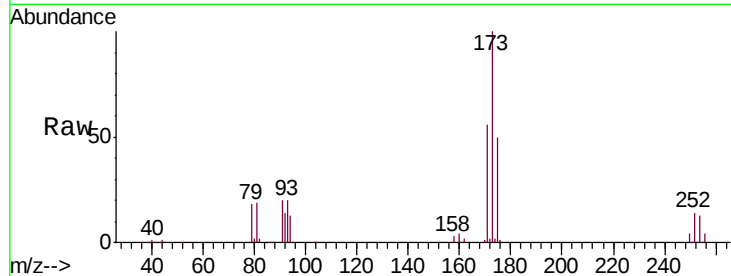




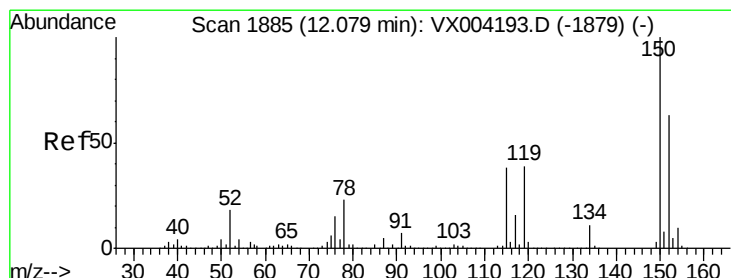
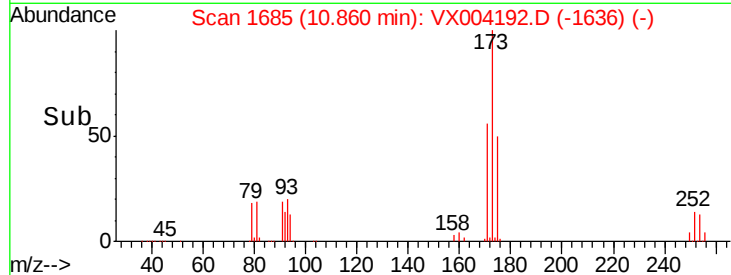
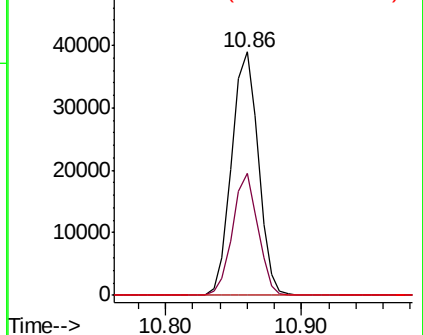
#71
Bromoform
Concen: 18.363 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:173 Resp: 53244
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.3
254 0.2 0.2 0.2

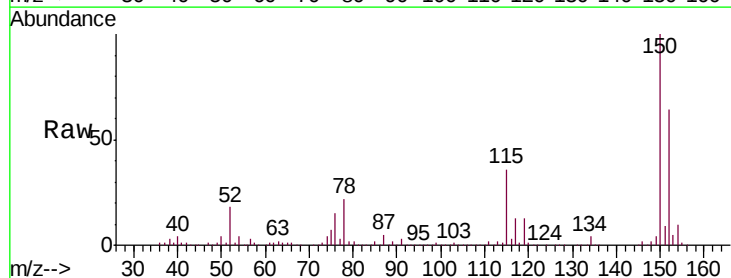


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

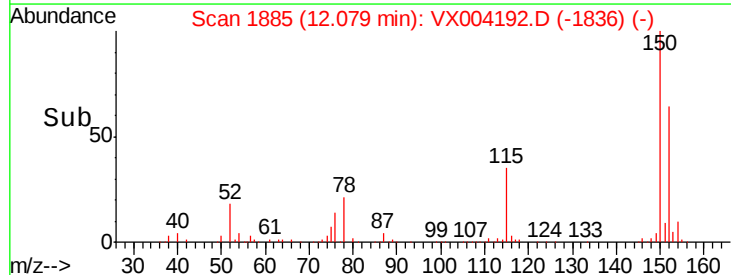
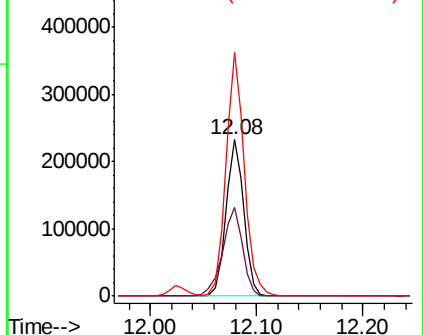


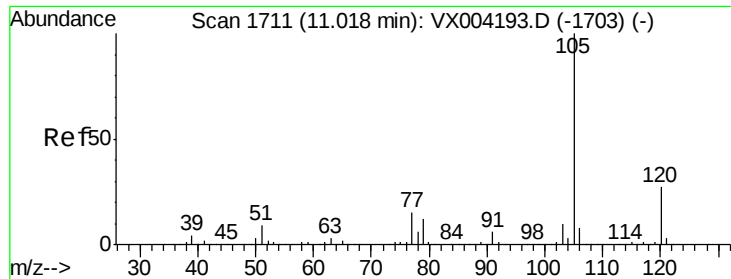
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004192.D
Acq: 22 Aug 2018 11:15

Tgt Ion:152 Resp: 270123
Ion Ratio Lower Upper
152 100
115 63.7 39.0 117.0
150 161.8 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.384 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

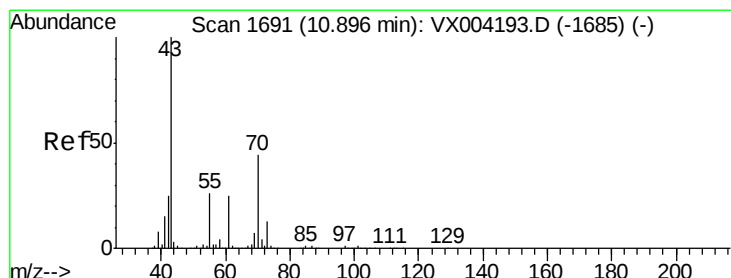
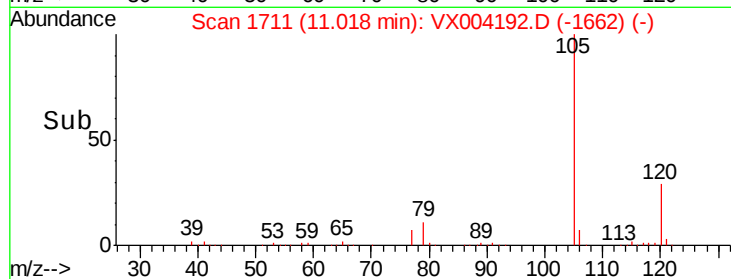
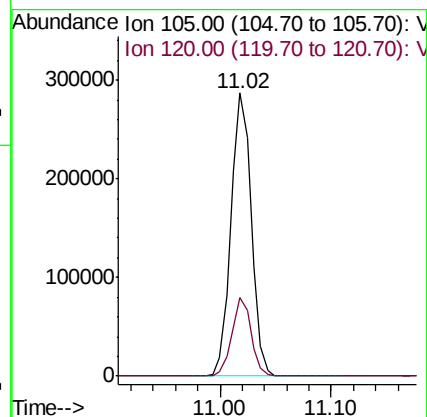
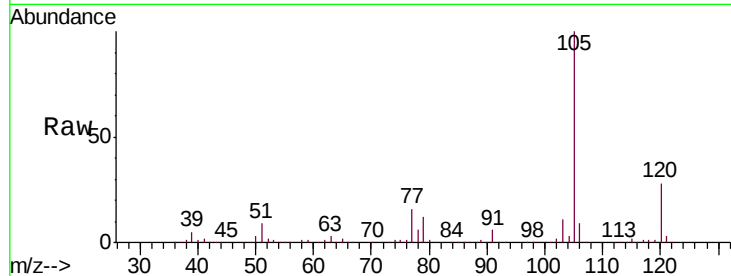
VSTDIC020

Tgt Ion: 105 Resp: 361633

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



#74

N-ethyl acetate

Concen: 19.200 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Tgt Ion: 43 Resp: 131155

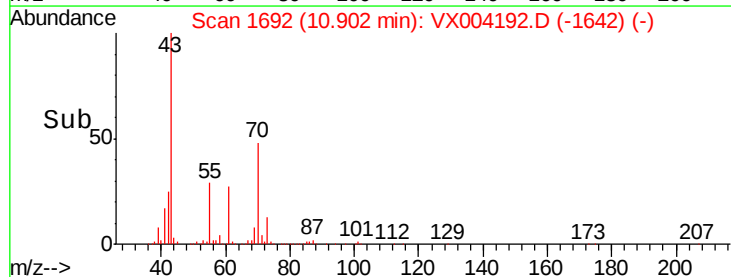
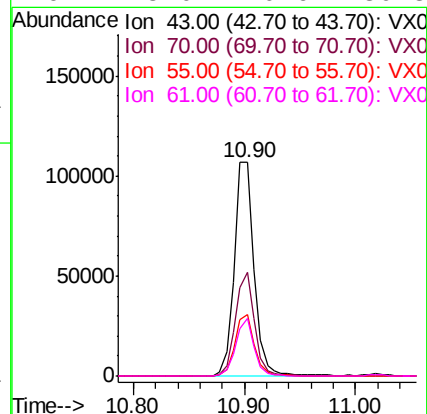
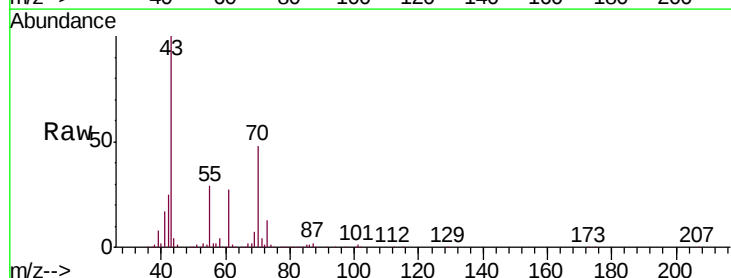
Ion Ratio Lower Upper

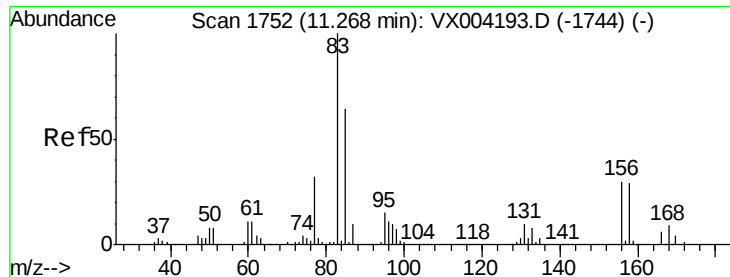
43 100

70 46.7 37.4 56.0

55 28.7 21.8 32.8

61 25.0 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.446 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

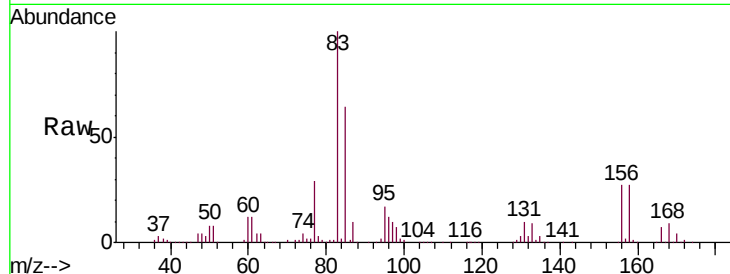
Tgt Ion: 83 Resp: 120732

Ion Ratio Lower Upper

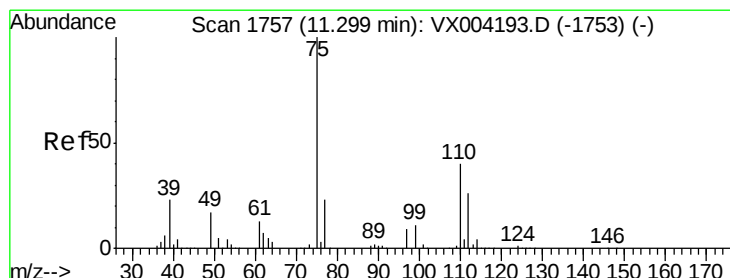
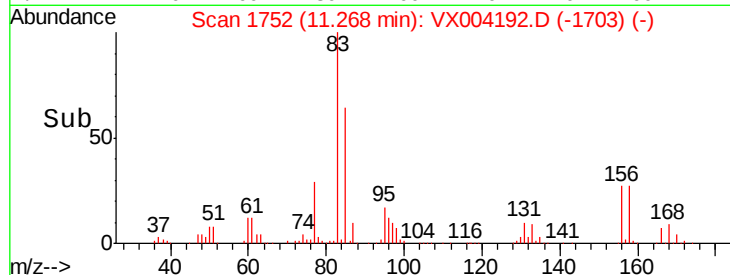
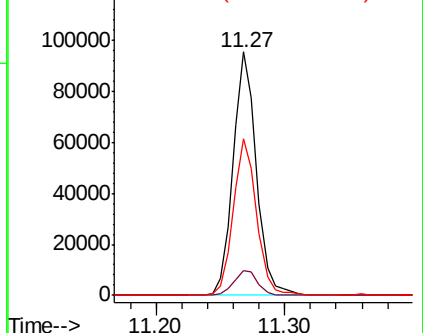
83 100

131 10.4 5.2 15.6

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.905 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004192.D

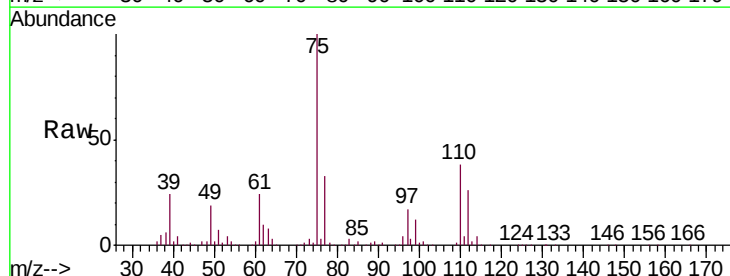
Acq: 22 Aug 2018 11:15

Tgt Ion: 75 Resp: 138154

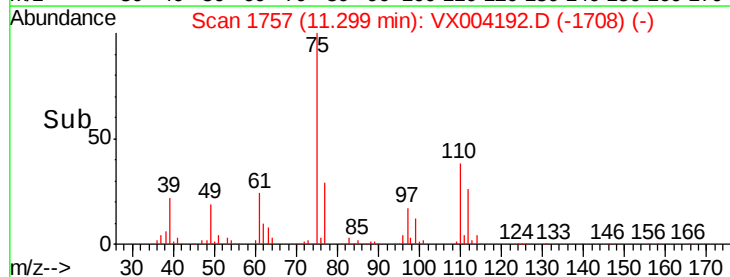
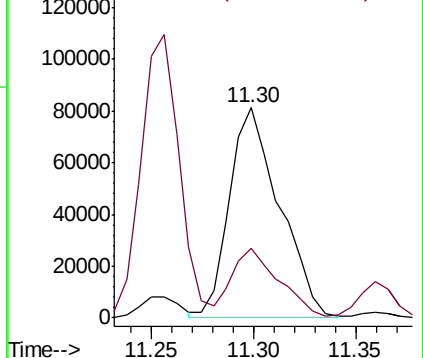
Ion Ratio Lower Upper

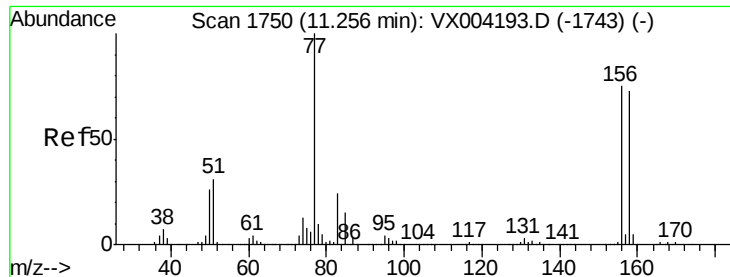
75 100

77 31.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.028 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

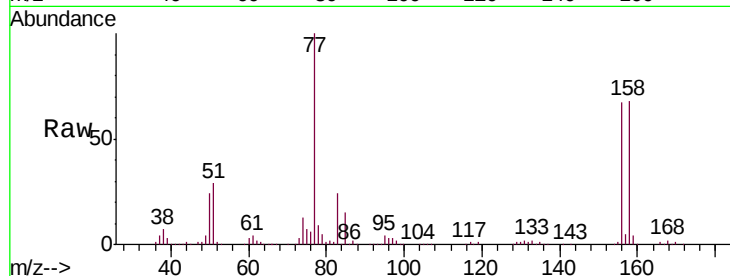
Tgt Ion:156 Resp: 94696

Ion Ratio Lower Upper

156 100

77 150.5 71.5 214.3

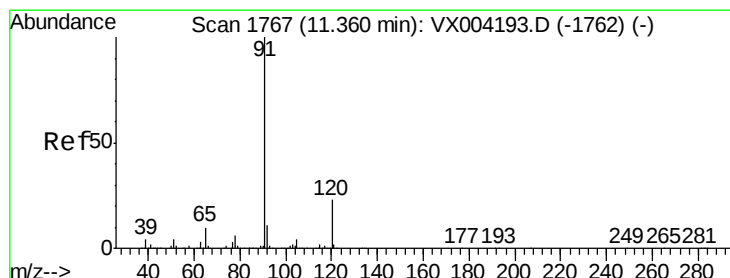
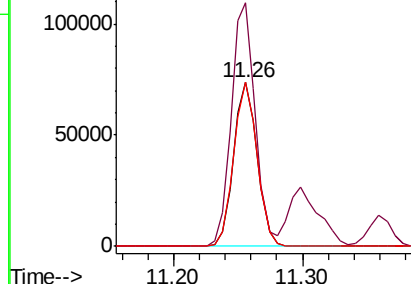
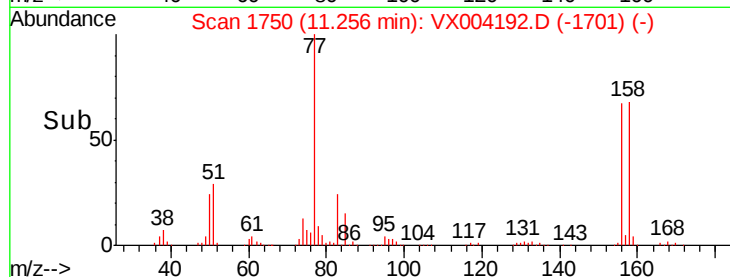
158 99.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.489 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004192.D

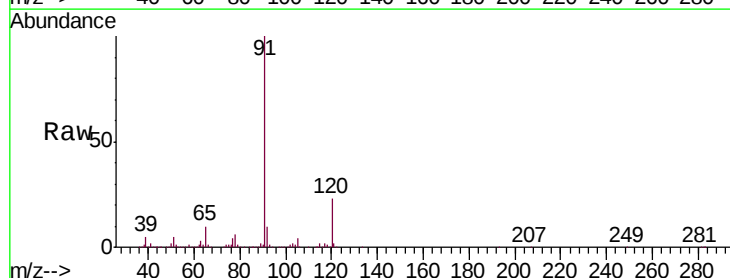
Acq: 22 Aug 2018 11:15

Tgt Ion: 91 Resp: 418085

Ion Ratio Lower Upper

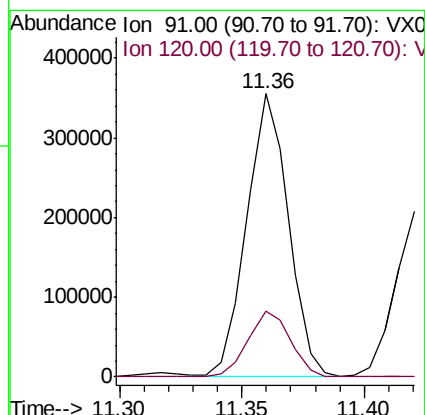
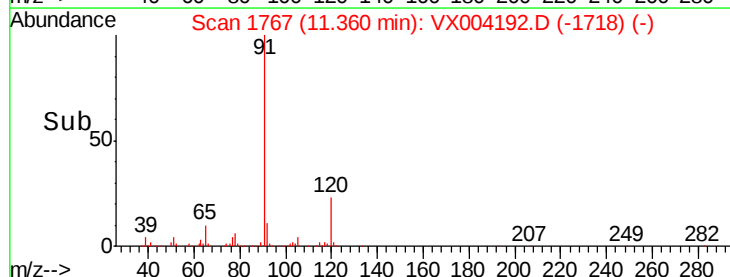
91 100

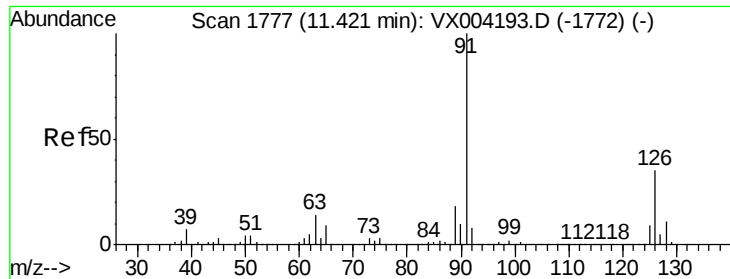
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

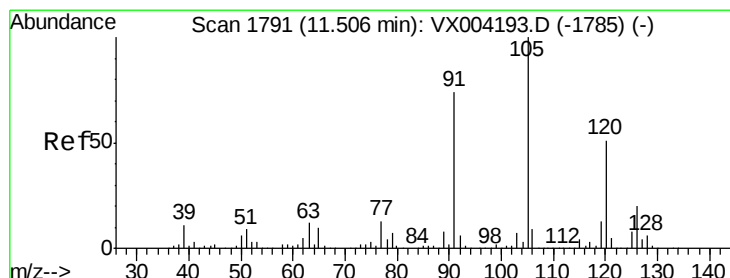
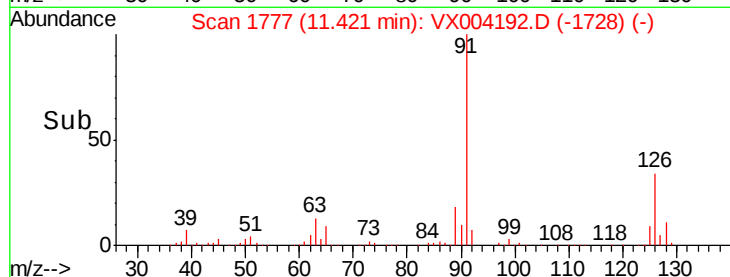
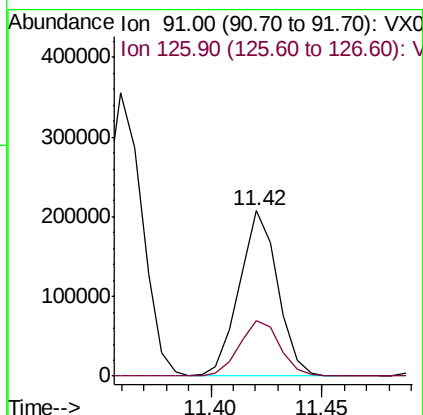
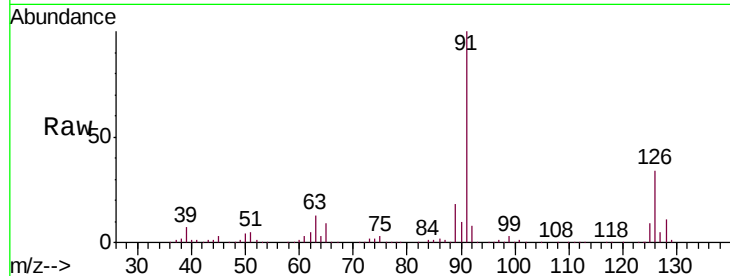




#79
 2-Chlorotoluene
 Concen: 19.836 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

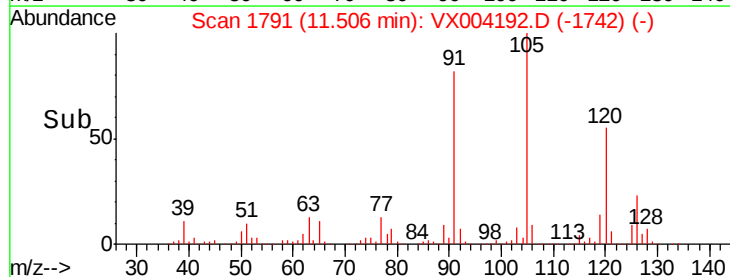
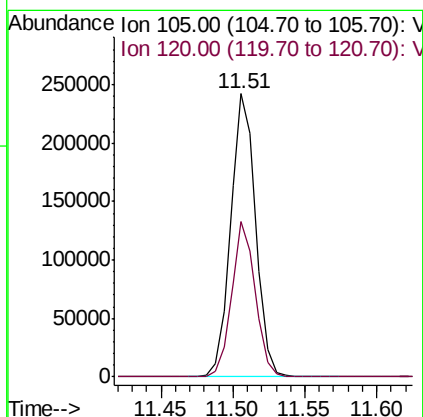
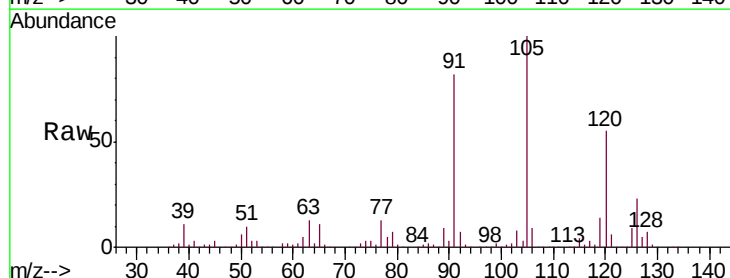
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

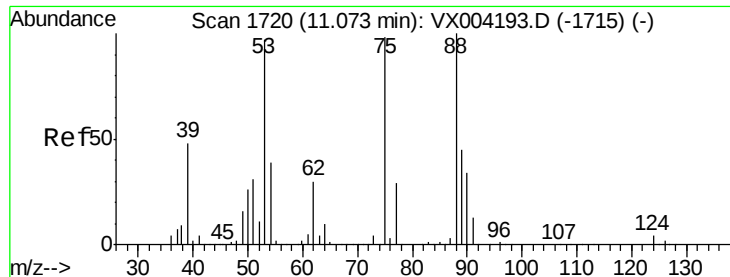
Tgt Ion: 91 Resp: 249133
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.942 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Tgt Ion: 105 Resp: 292990
 Ion Ratio Lower Upper
 105 100
 120 52.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.606 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

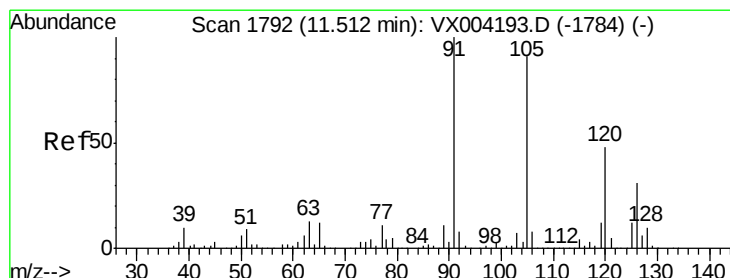
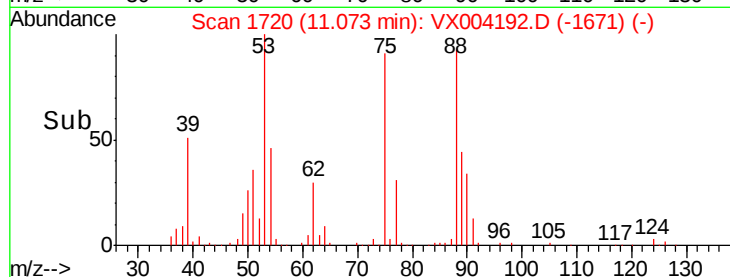
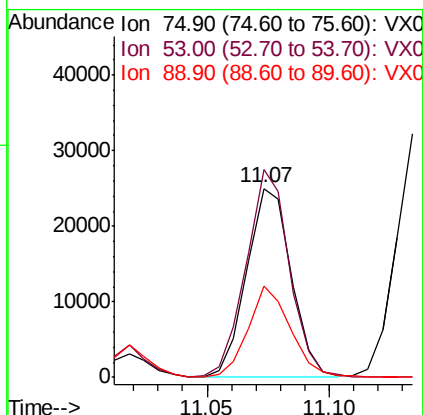
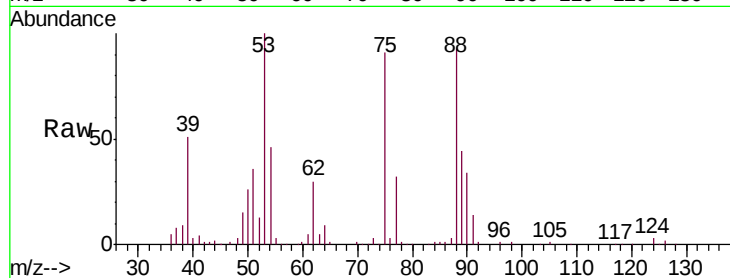
Tgt Ion: 75 Resp: 31504

Ion Ratio Lower Upper

75 100

53 106.6 80.1 120.1

89 46.4 37.2 55.8



#82

4-Chlorotoluene

Concen: 19.833 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004192.D

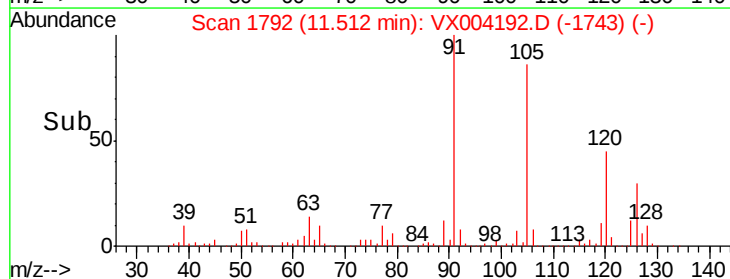
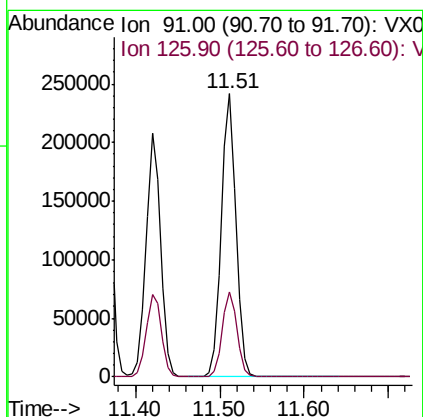
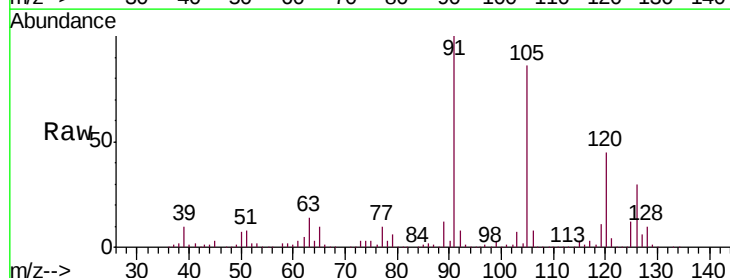
Acq: 22 Aug 2018 11:15

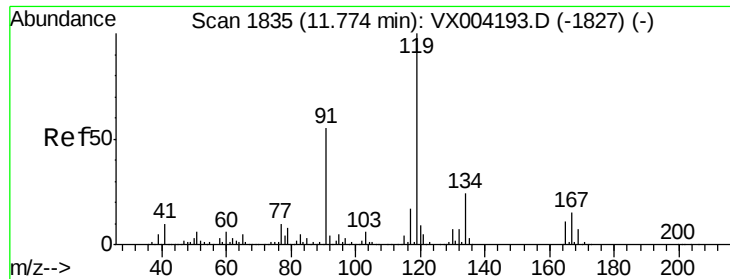
Tgt Ion: 91 Resp: 293103

Ion Ratio Lower Upper

91 100

126 30.3 15.5 46.5

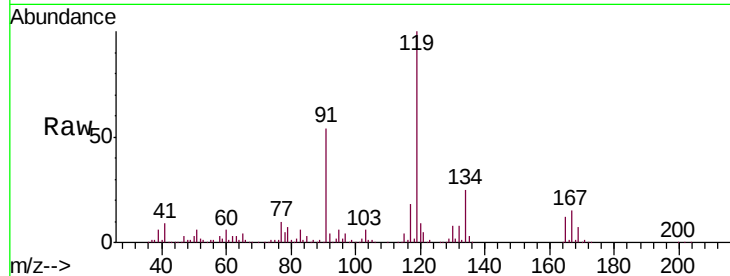




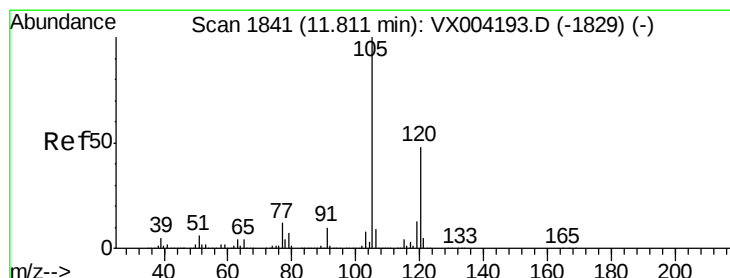
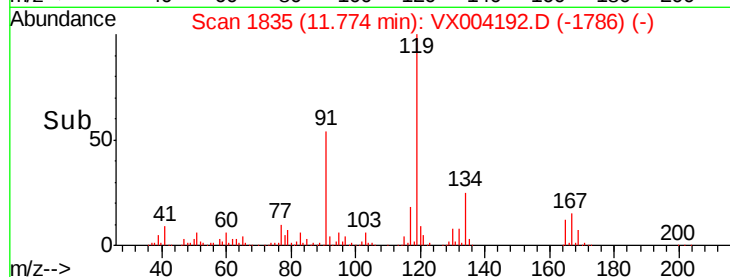
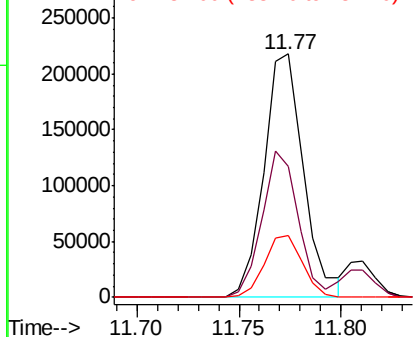
#83
 tert-Butylbenzene
 Concen: 19.927 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 294568
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.0 81.0
 134 24.5 11.7 35.1

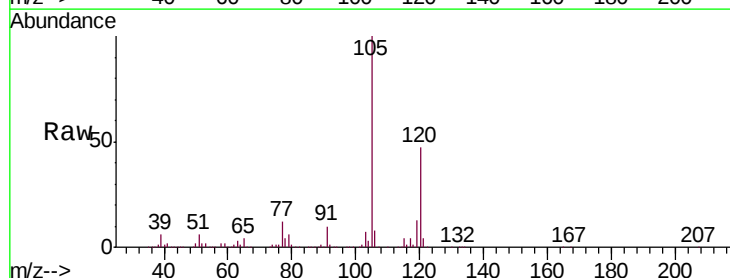


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

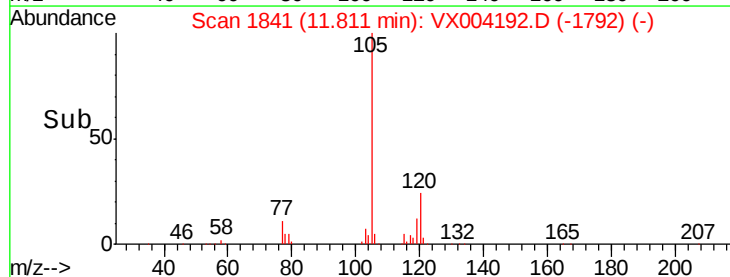
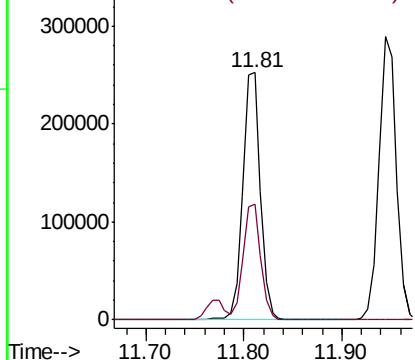


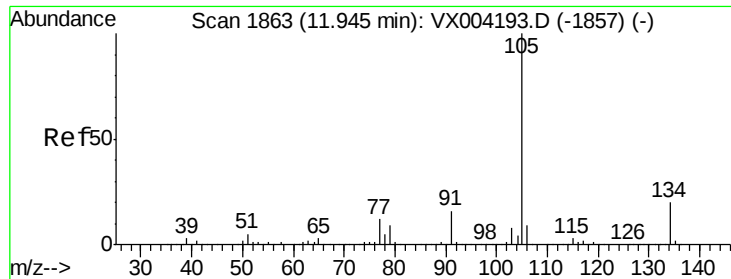
#84
 1,2,4-Trimethylbenzene
 Concen: 20.885 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Tgt Ion:105 Resp: 314981
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

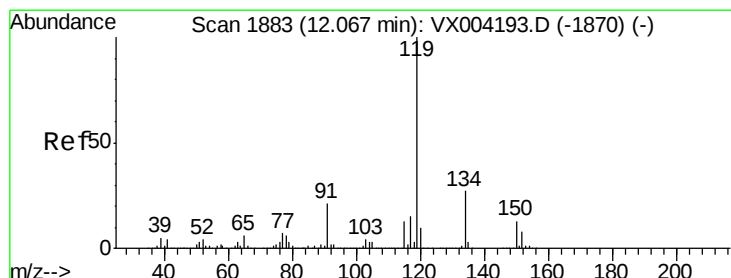
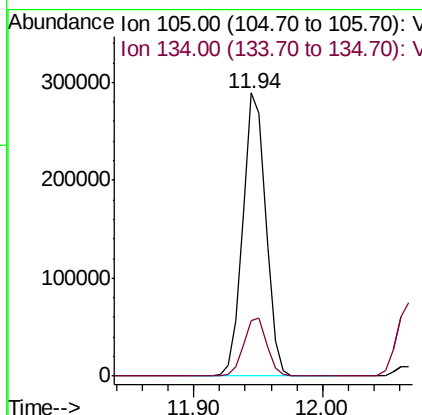
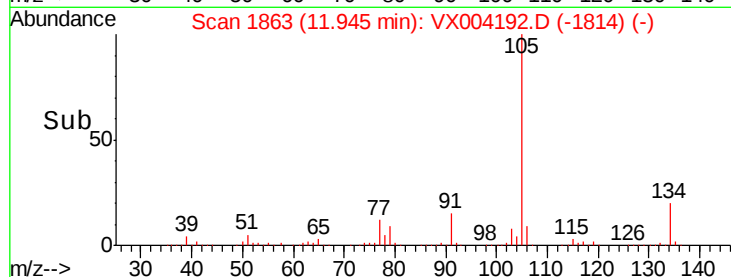
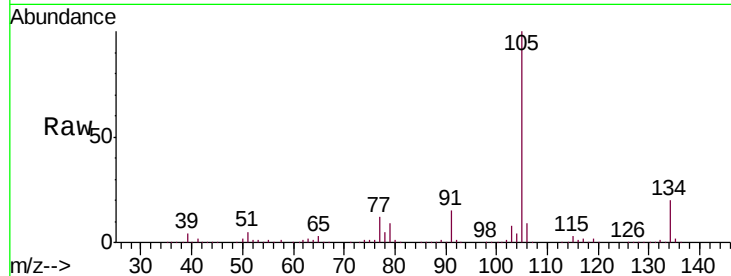




#85
 sec-Butylbenzene
 Concen: 20.206 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

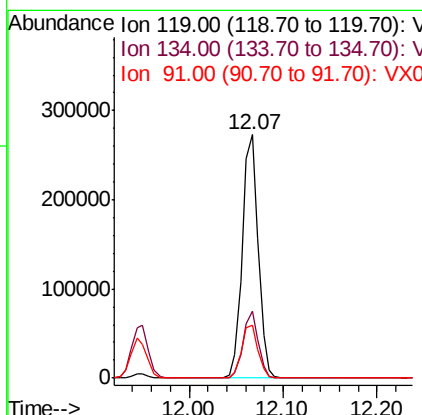
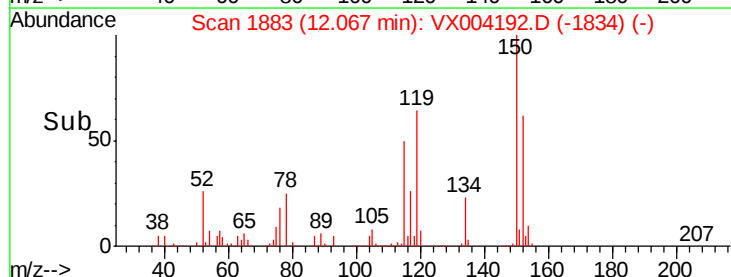
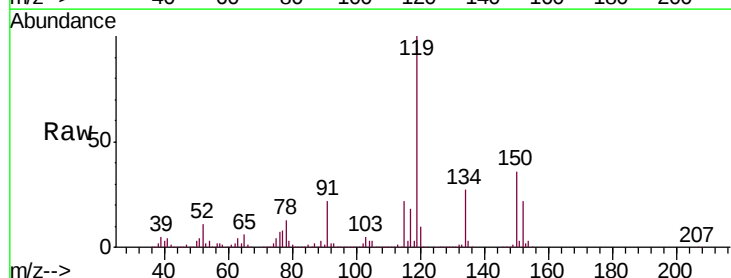
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

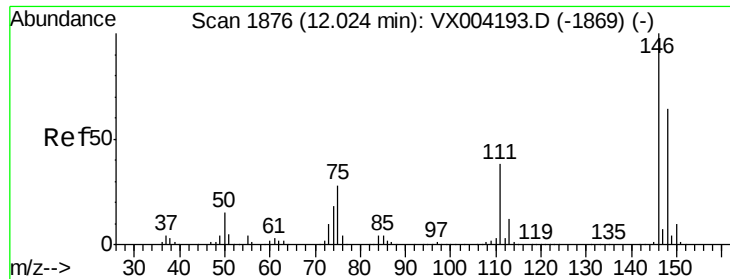
Tgt Ion:105 Resp: 354618
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.397 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Tgt Ion:119 Resp: 320810
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 22.4 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 18.971 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

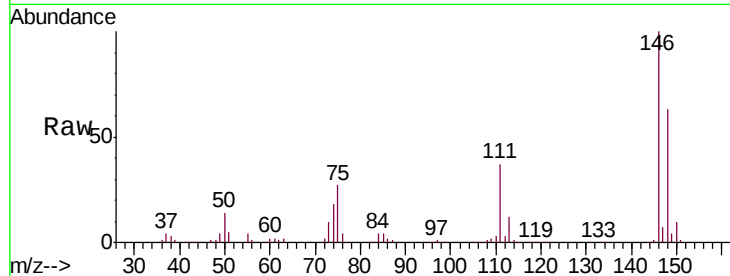
Tgt Ion:146 Resp: 177754

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

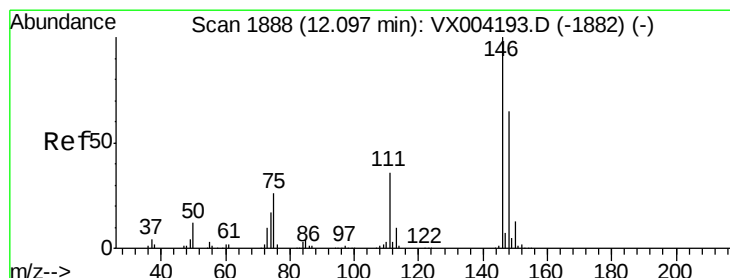
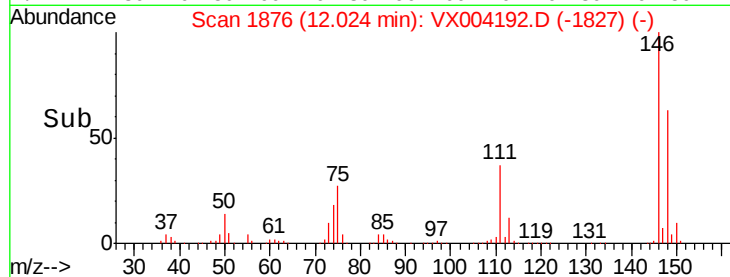
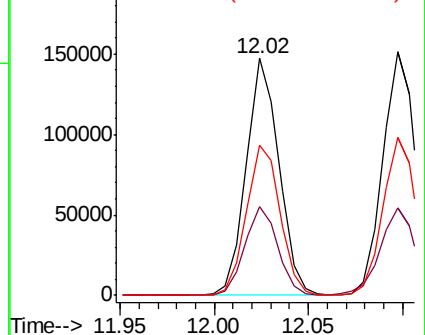
148 65.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.757 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

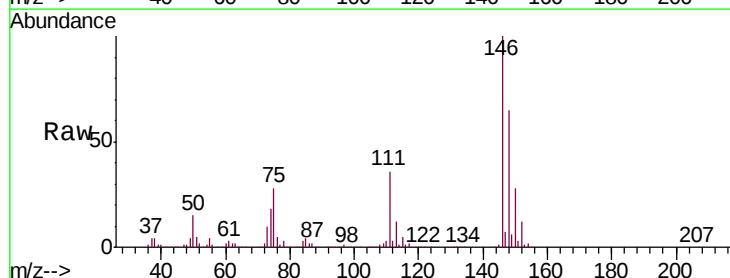
Tgt Ion:146 Resp: 184823

Ion Ratio Lower Upper

146 100

111 37.6 18.1 54.1

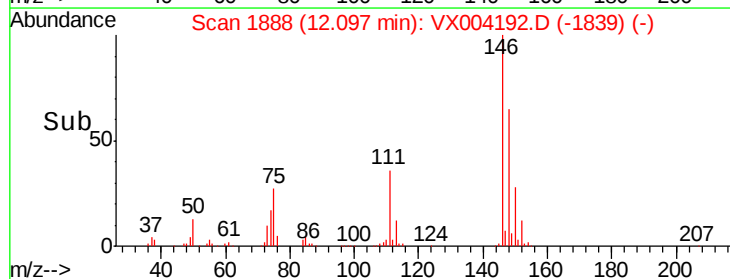
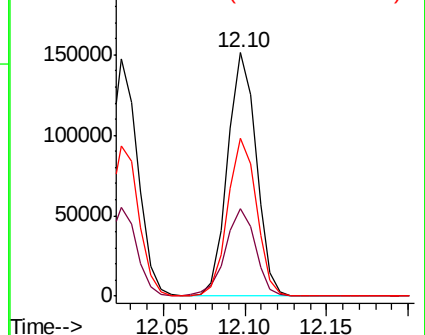
148 65.3 32.0 96.0

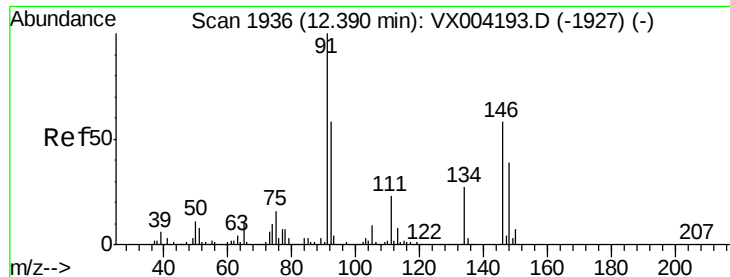


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.584 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

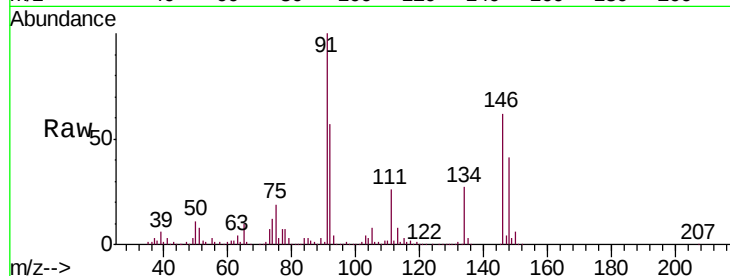
Tgt Ion: 91 Resp: 250464

Ion Ratio Lower Upper

91 100

92 52.0 27.3 81.9

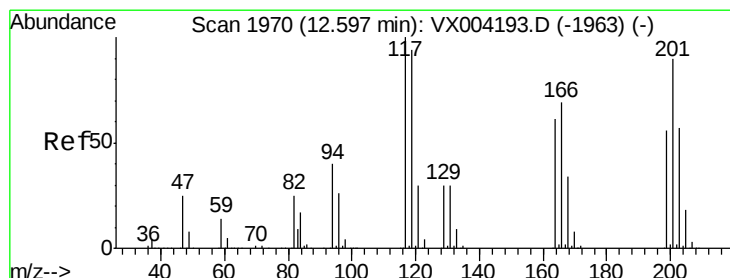
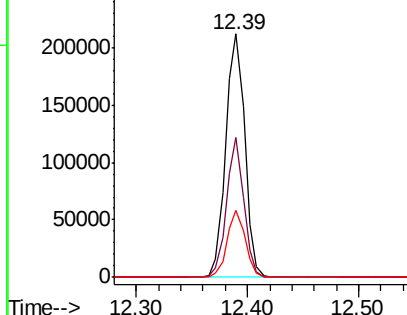
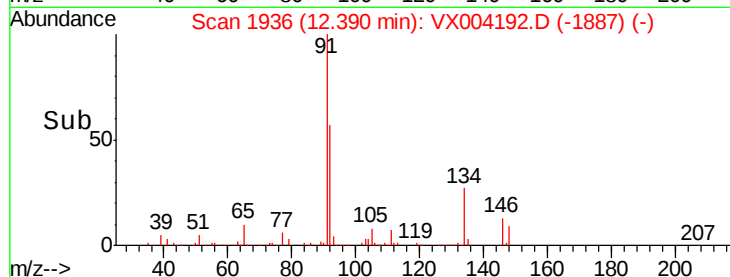
134 26.0 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1927) (-)

Ion 92.00 (91.70 to 92.70): VX004193.D (-1927) (-)

Ion 134.00 (133.70 to 134.70): VX004193.D (-1927) (-)



#90

Hexachloroethane

Concen: 18.870 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004192.D

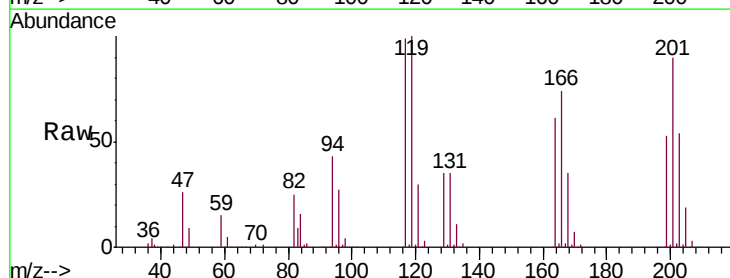
Acq: 22 Aug 2018 11:15

Tgt Ion: 117 Resp: 41482

Ion Ratio Lower Upper

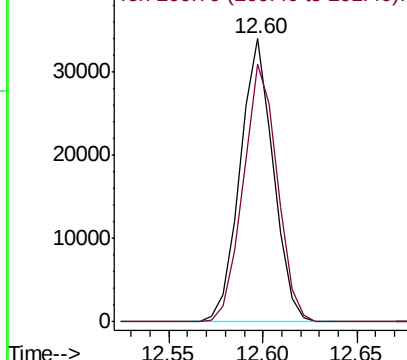
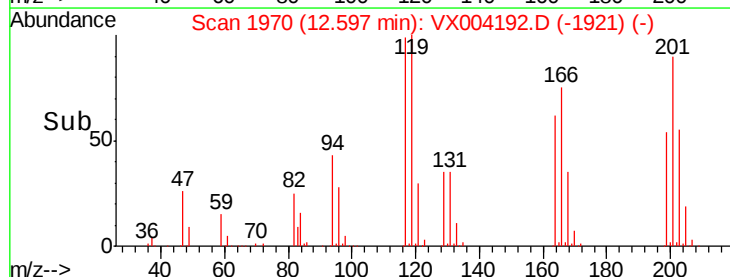
117 100

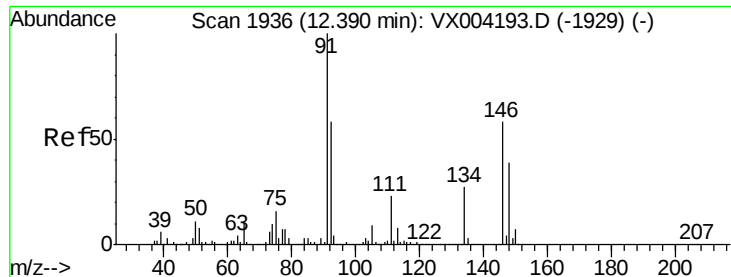
201 93.3 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): VX004193.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX004193.D (-1963) (-)

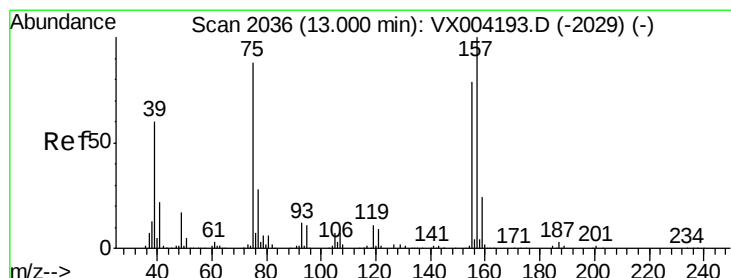
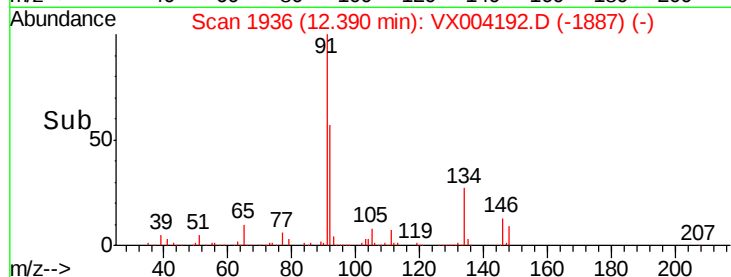
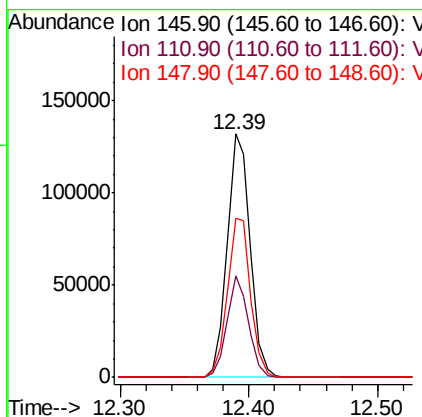
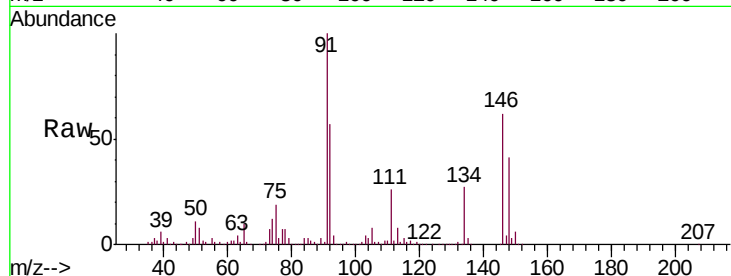




#91
 1,2-Dichlorobenzene
 Concen: 19.354 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

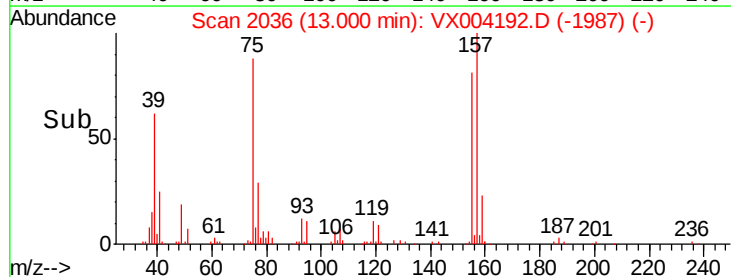
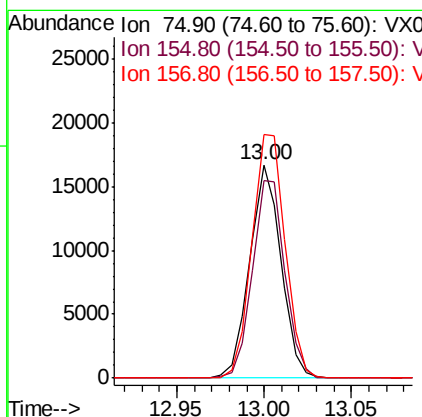
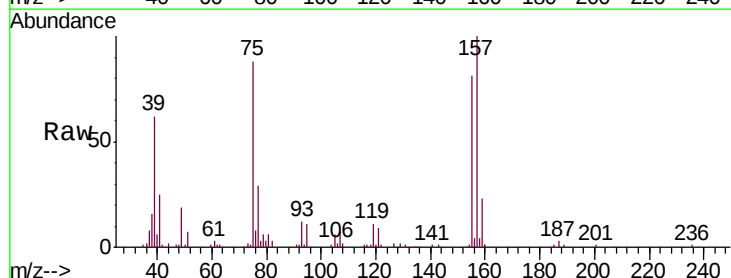
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

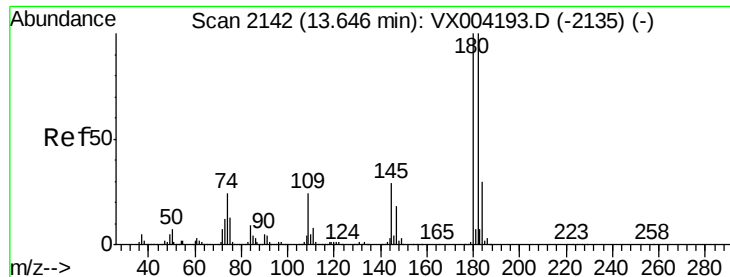
Tgt Ion:146 Resp: 165745
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.1
 148 65.6 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.967 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004192.D
 Acq: 22 Aug 2018 11:15

Tgt Ion: 75 Resp: 20741
 Ion Ratio Lower Upper
 75 100
 155 96.3 48.0 144.2
 157 121.5 61.4 184.1





#93

1,2,4-Trichlorobenzene

Concen: 18.006 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

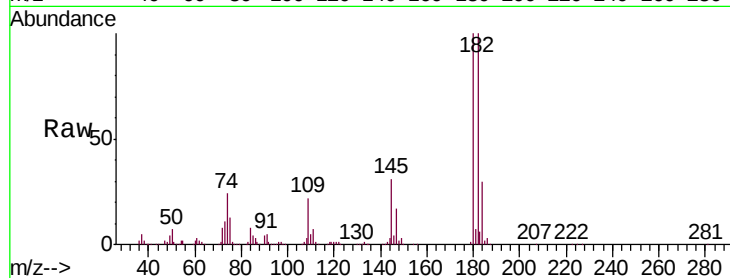
Tgt Ion:180 Resp: 112196

Ion Ratio Lower Upper

180 100

182 99.4 48.4 145.0

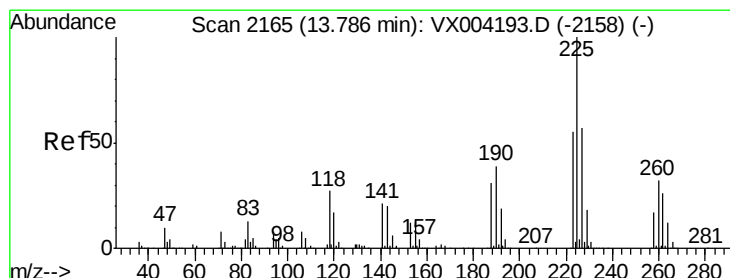
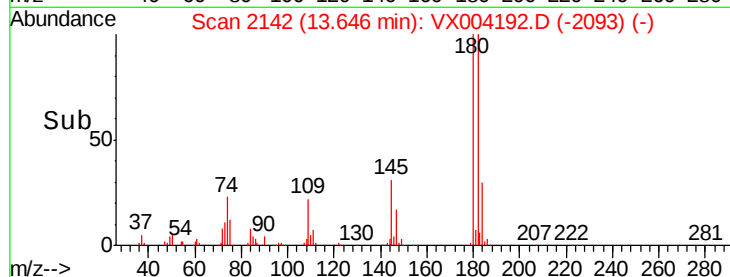
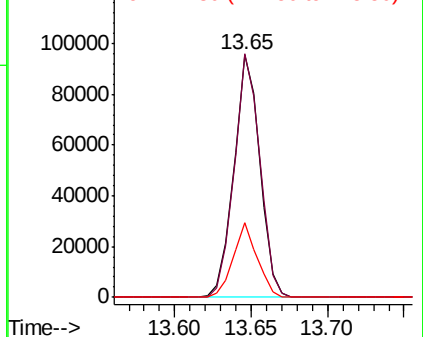
145 28.6 14.3 42.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.374 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

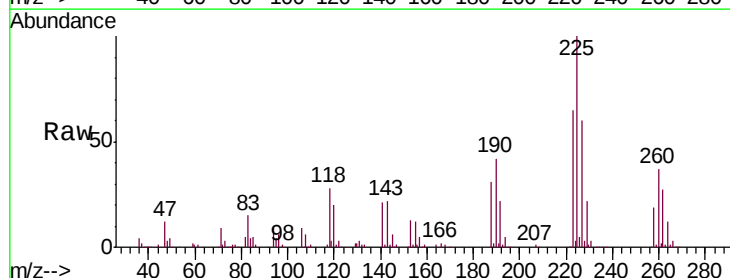
Tgt Ion:225 Resp: 56206

Ion Ratio Lower Upper

225 100

223 63.7 30.1 90.5

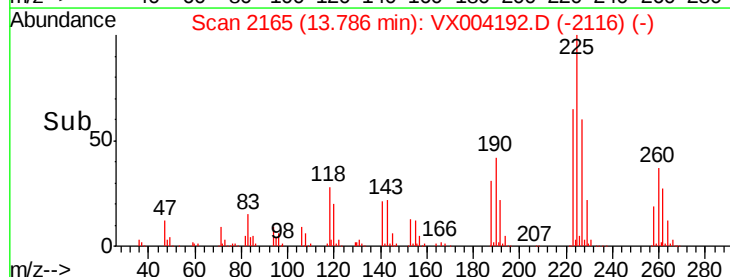
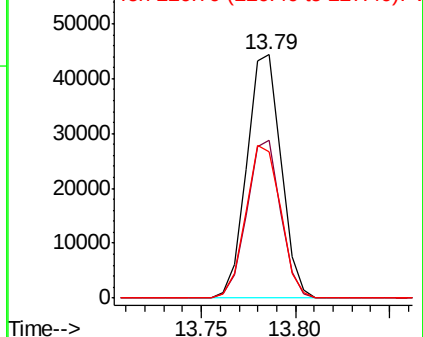
227 63.3 30.8 92.4

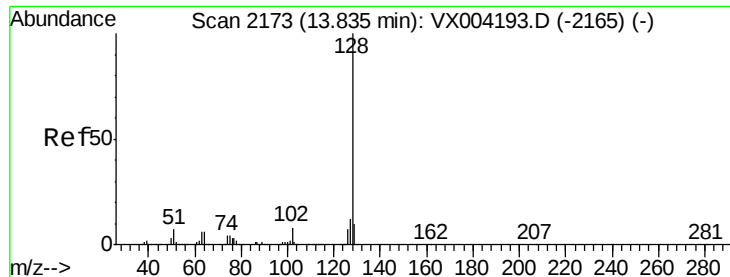


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.311 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

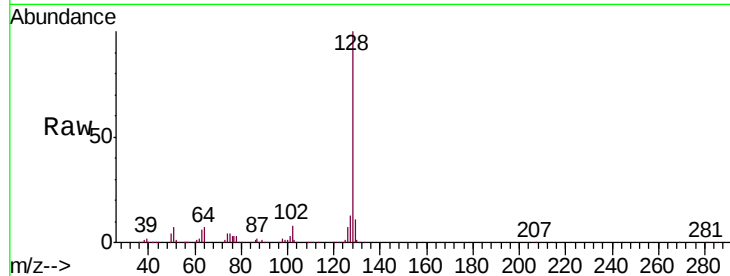
Tgt Ion:128 Resp: 340321

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

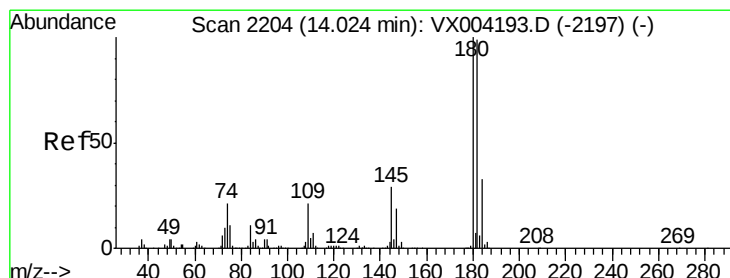
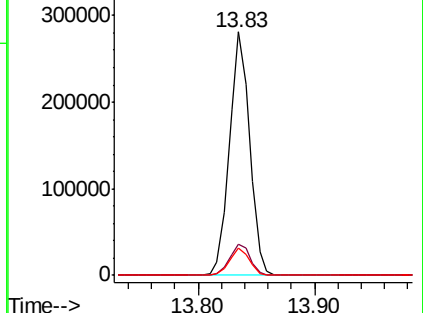
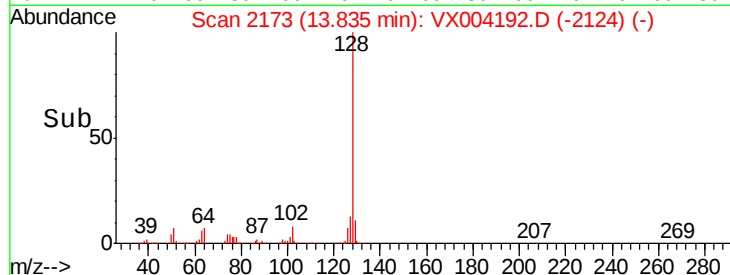
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.214 ug/l

RT: 14.02 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VX004192.D

Acq: 22 Aug 2018 11:15

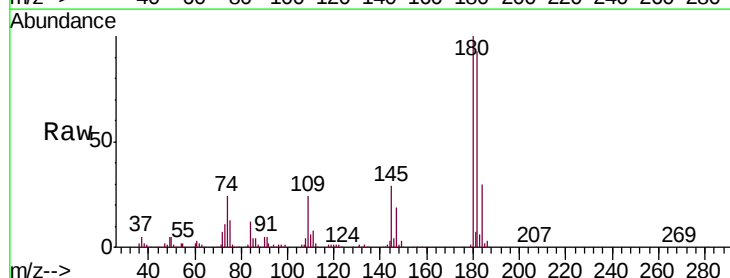
Tgt Ion:180 Resp: 126739

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.6

145 28.8 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

