

Data File : VX004020.D
Acq On : 14 Aug 2018 02:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

Quant Time: Aug 14 07:42:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 07:28:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213277	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	5.51	113	170205	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.72	98	654062	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.14	95	251060	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	104923	48.488	ug/l	100
3) Chloromethane	1.32	50	170627	49.773	ug/l	100
4) Vinyl Chloride	1.40	62	166508	49.640	ug/l	100
5) Bromomethane	1.64	94	99110	53.213	ug/l	98
6) Chloroethane	1.71	64	119059	52.011	ug/l	99
7) Trichlorofluoromethane	1.93	101	205356	47.983	ug/l	99
8) Diethyl Ether	2.18	74	117690	49.276	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116001	46.529	ug/l	100
10) Methyl Iodide	2.51	142	165904	51.493	ug/l	100
11) Tert butyl alcohol	3.05	59	224597	246.831	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133819	48.991	ug/l	99
13) Acrolein	2.29	56	149226	262.293	ug/l	99
14) Allyl chloride	2.73	41	272097	49.125	ug/l	99
15) Acrylonitrile	3.14	53	530825	231.631	ug/l	99
16) Acetone	2.44	43	539736	235.506	ug/l	100
17) Carbon Disulfide	2.57	76	383962	50.561	ug/l	100
18) Methyl Acetate	2.77	43	238316	45.917	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	566173	49.343	ug/l	98
20) Methylene Chloride	2.86	84	183658	50.534	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	160792	47.725	ug/l	99
22) Diisopropyl ether	3.87	45	602297	49.490	ug/l	98
23) Vinyl Acetate	3.82	43	2590987	254.335	ug/l	100
24) 1,1-Dichloroethane	3.70	63	321777	48.480	ug/l	100
25) 2-Butanone	4.70	43	896712	242.604	ug/l	98
26) 2,2-Dichloropropane	4.58	77	165843	45.024	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	190296	48.922	ug/l	98
28) Bromochloromethane	5.02	49	160802	52.000	ug/l	99
29) Tetrahydrofuran	5.15	42	455927	243.978	ug/l	100
30) Chloroform	5.21	83	314648	49.128	ug/l	99
31) Cyclohexane	5.57	56	209356	49.039	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	244966	49.958	ug/l	99
36) 1,1-Dichloropropene	5.80	75	211903	49.216	ug/l	99
37) Ethyl Acetate	4.85	43	271154	46.738	ug/l	99
38) Carbon Tetrachloride	5.79	117	201802	49.066	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196702	47.637	ug/l	99
40) Benzene	6.15	78	722918	49.687	ug/l	100
41) Methacrylonitrile	5.06	41	151728	48.865	ug/l	99
42) 1,2-Dichloroethane	6.20	62	260918	48.400	ug/l	100
43) Isopropyl Acetate	6.46	43	429630	50.515	ug/l	99
44) Trichloroethene	7.21	130	186047	49.534	ug/l	98
45) 1,2-Dichloropropane	7.52	63	191131	49.529	ug/l	98
46) Dibromomethane	7.67	93	127206	49.701	ug/l	100
47) Bromodichloromethane	7.90	83	237476	50.065	ug/l	99
48) Methyl methacrylate	7.78	41	220320	52.540	ug/l	99
49) 1,4-Dioxane	7.76	88	98065	1031.321	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1768943	256.984	ug/l	100
52) Toluene	8.79	92	462309	51.234	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	265981	53.793	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	286923	52.653	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	197010	49.403	ug/l	99
56) Ethyl methacrylate	9.18	69	300696	48.681	ug/l	99
57) 1,3-Dichloropropane	9.37	76	332433	50.572	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	766534	244.895	ug/l	100
59) 2-Hexanone	9.50	43	1357217	261.646	ug/l	100
60) Dibromochloromethane	9.59	129	195984	51.419	ug/l	99
61) 1,2-Dibromoethane	9.68	107	207676	50.474	ug/l	100
64) Tetrachloroethene	9.34	164	176610	48.771	ug/l	98
65) Chlorobenzene	10.14	112	515393	49.094	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	181028	49.004	ug/l	98
67) Ethyl Benzene	10.25	91	851607	52.700	ug/l	97
68) m/p-Xylenes	10.36	106	674762	104.760	ug/l	98
69) o-Xylene	10.70	106	332971	53.888	ug/l	99
70) Styrene	10.71	104	569884	49.479	ug/l	98
71) Bromoform	10.86	173	149445	50.266	ug/l	98
73) Isopropylbenzene	11.02	105	835482	53.085	ug/l	99
74) N-amyl acetate	6.46	43	429630	48.884	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	309062	47.957	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	338165	60.386	ug/l	88
77) Bromobenzene	11.26	156	244926	50.979	ug/l	98
78) n-propylbenzene	11.36	91	959113	54.031	ug/l	100
79) 2-Chlorotoluene	11.42	91	584436	50.413	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	713447	54.169	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	83446	52.762	ug/l	97
82) 4-Chlorotoluene	11.51	91	710340	53.547	ug/l	99
83) tert-Butylbenzene	11.77	119	697053	54.080	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	764428	54.046	ug/l	99
85) sec-Butylbenzene	11.94	105	784727	55.024	ug/l	98
86) p-Isopropyltoluene	12.07	119	726065	55.599	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	432220	49.711	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	446174	48.709	ug/l	99
89) n-Butylbenzene	12.39	91	578921	55.273	ug/l	99
90) Hexachloroethane	12.60	117	101901	51.154	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	433980	49.782	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55748	49.725	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Quantitation Report (Not Reviewed)

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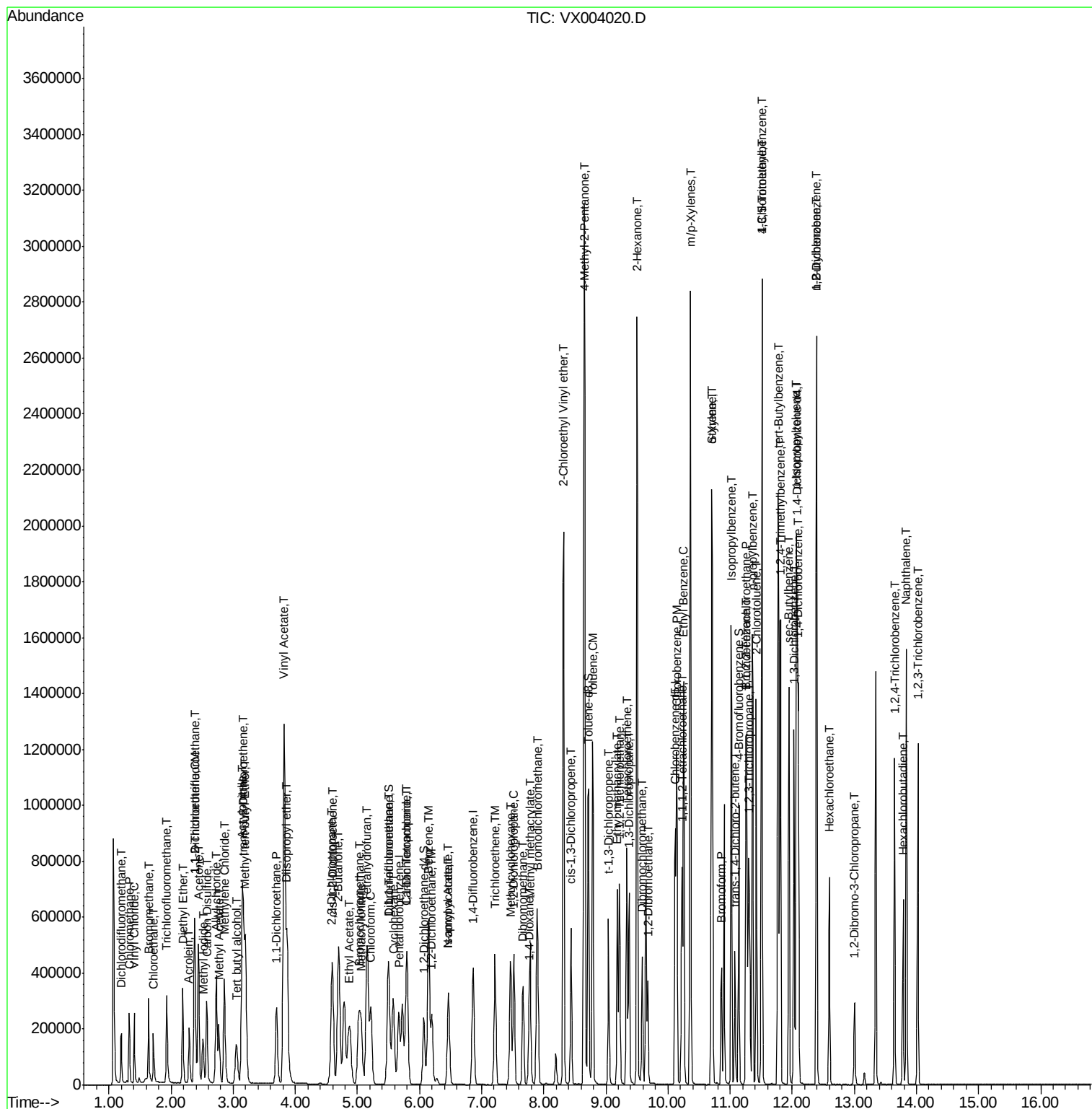
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

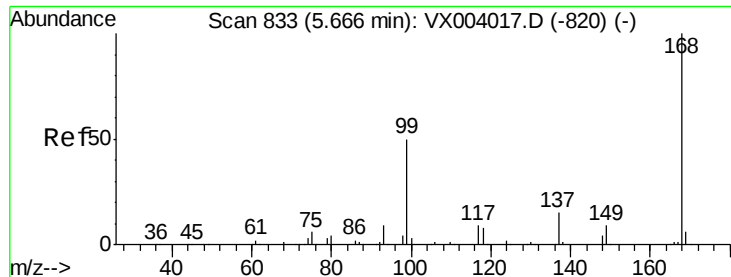
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 07:28:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	287142	53.438	ug/l	95
94) Hexachlorobutadiene	13.79	225	110033	49.487	ug/l	99
95) Naphthalene	13.83	128	943173	50.063	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	318130	53.950	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

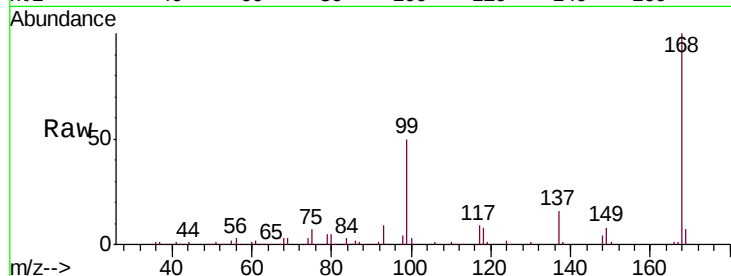
VSTDICV0

Tgt Ion:168 Resp: 260461

Ion Ratio Lower Upper

168 100

99 49.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

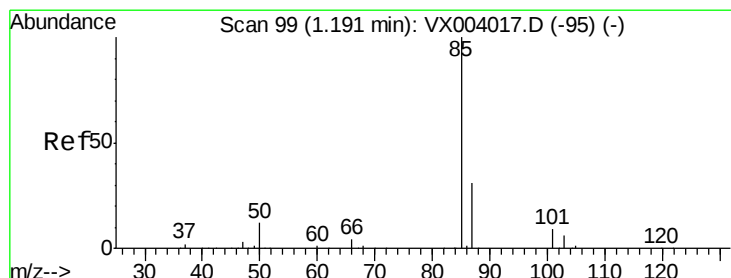
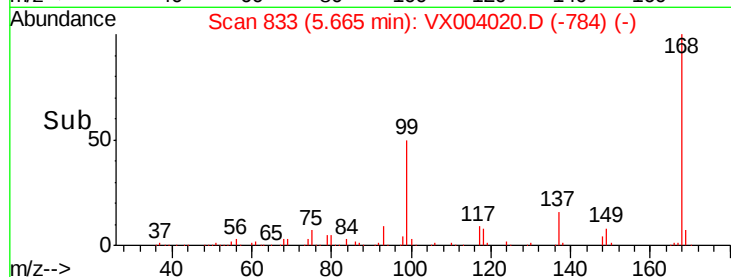
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.488 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX004020.D

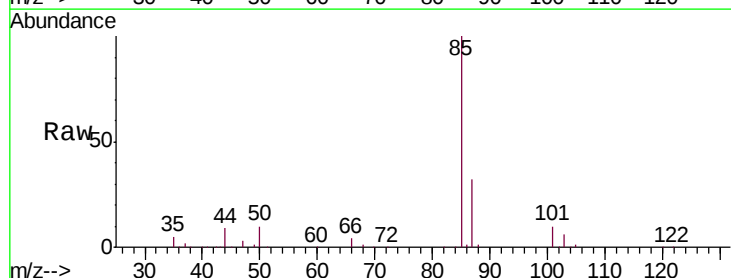
Acq: 14 Aug 2018 02:17

Tgt Ion: 85 Resp: 104923

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

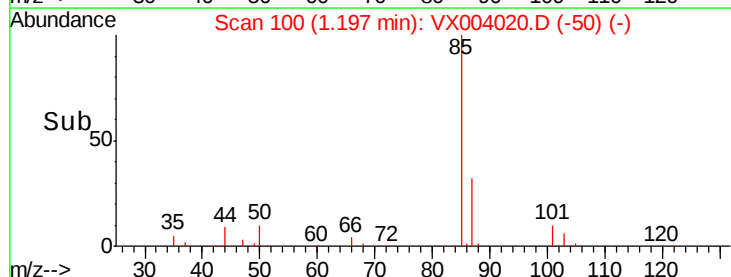
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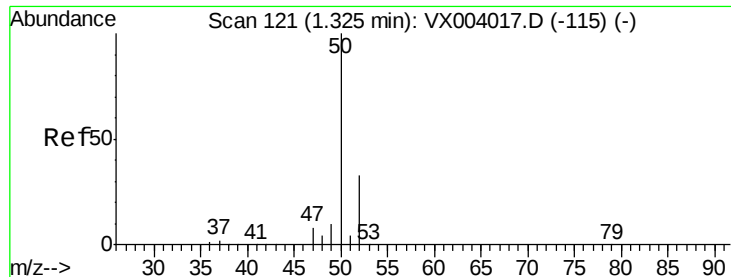
20000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.773 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

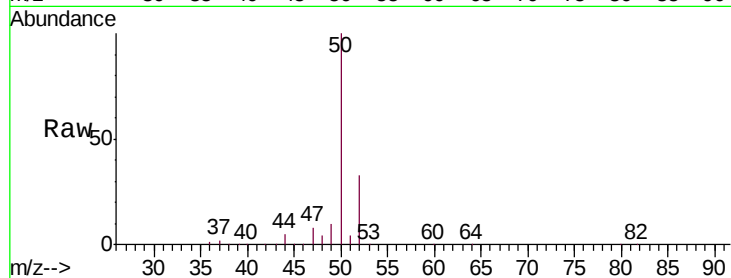
VSTDICV0

Tgt Ion: 50 Resp: 170627

Ion Ratio Lower Upper

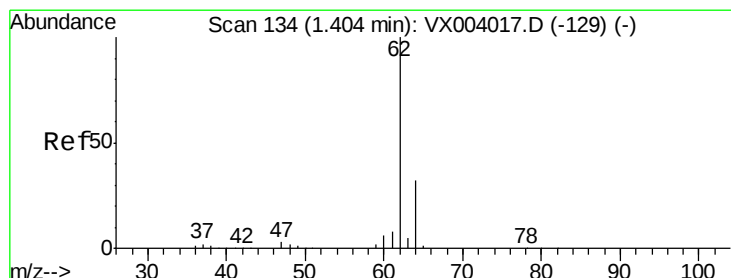
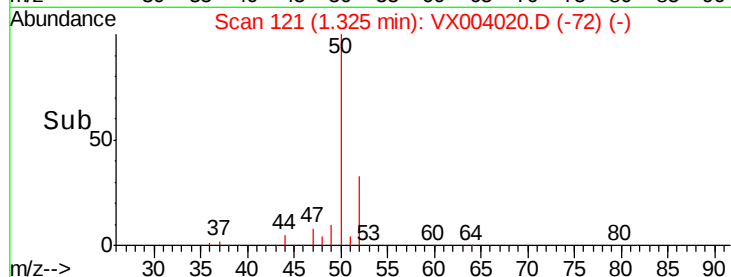
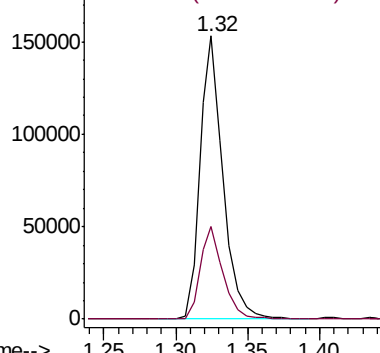
50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.640 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004020.D

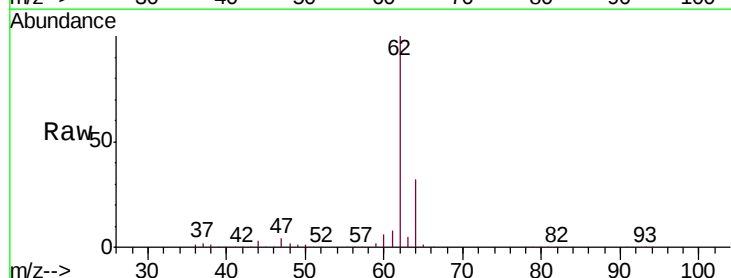
Acq: 14 Aug 2018 02:17

Tgt Ion: 62 Resp: 166508

Ion Ratio Lower Upper

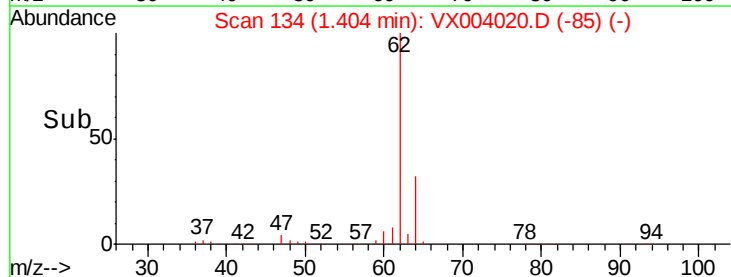
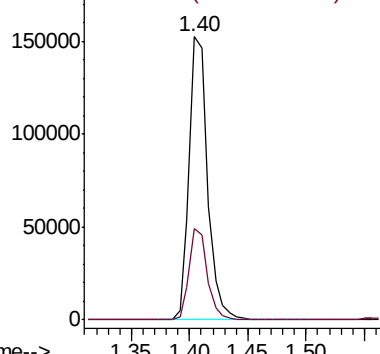
62 100

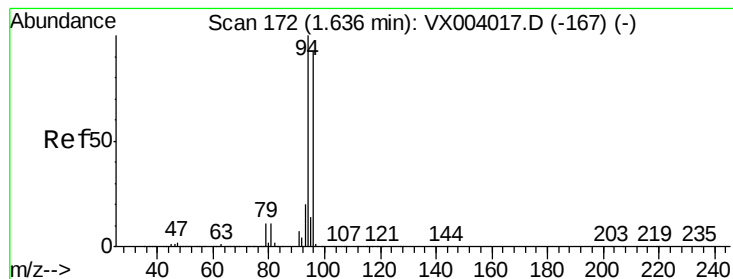
64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.213 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

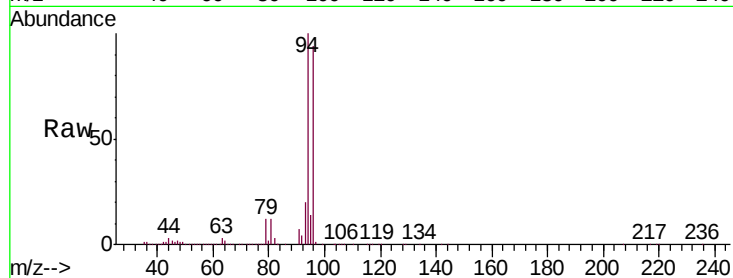
VSTDICV0

Tgt Ion: 94 Resp: 99110

Ion Ratio Lower Upper

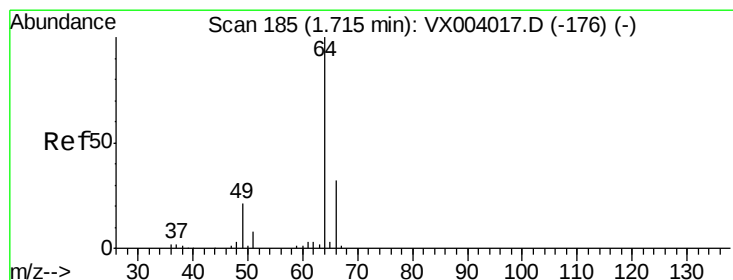
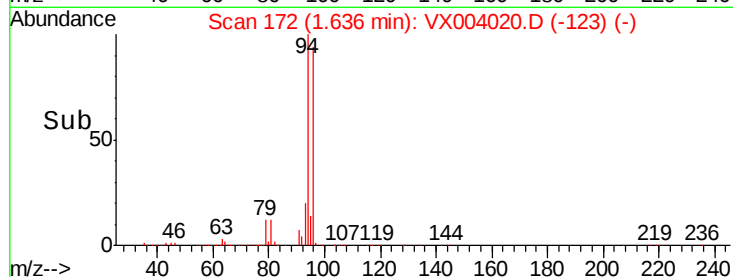
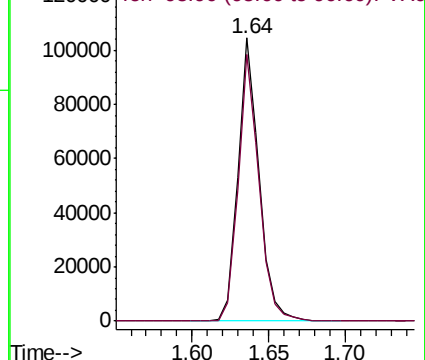
94 100

96 94.3 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.011 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004020.D

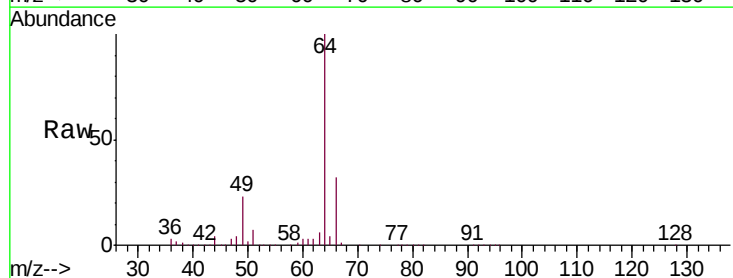
Acq: 14 Aug 2018 02:17

Tgt Ion: 64 Resp: 119059

Ion Ratio Lower Upper

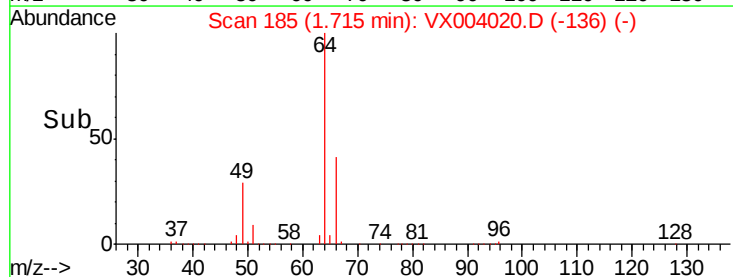
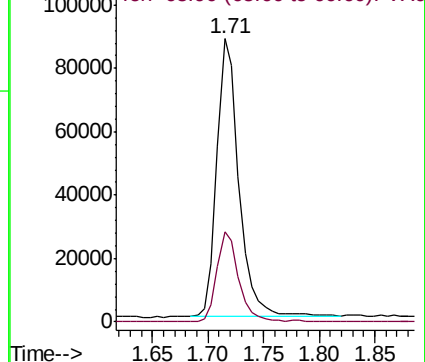
64 100

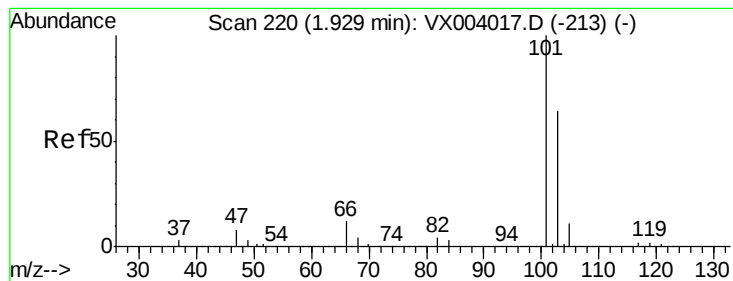
66 32.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



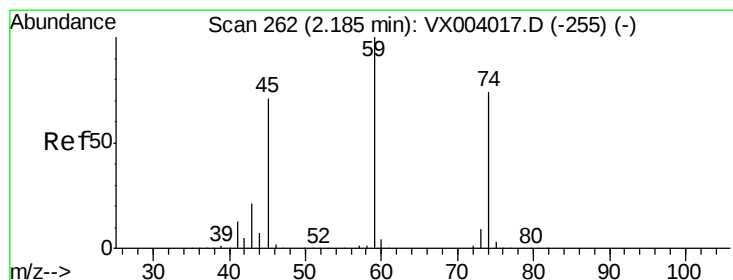
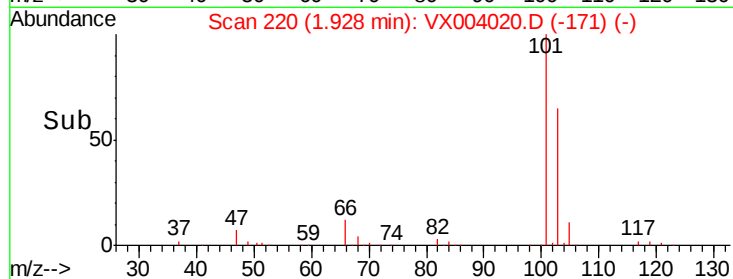
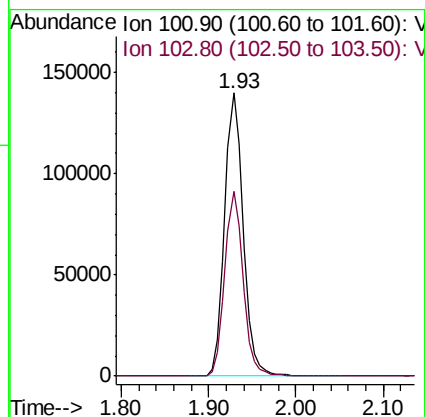
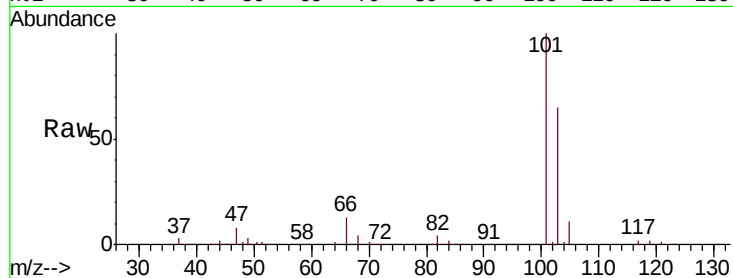


#7

Trichlorofluoromethane
 Concen: 47.983 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

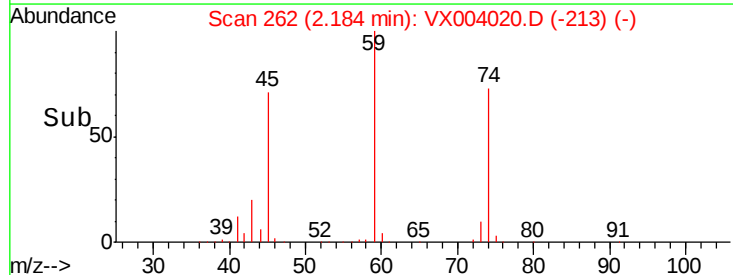
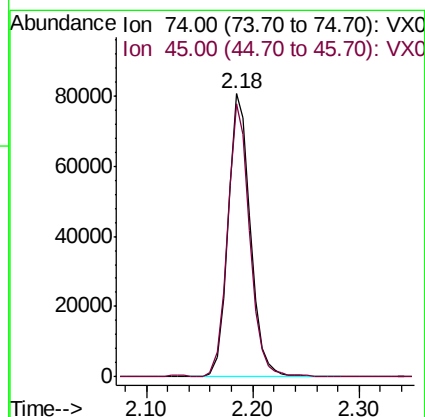
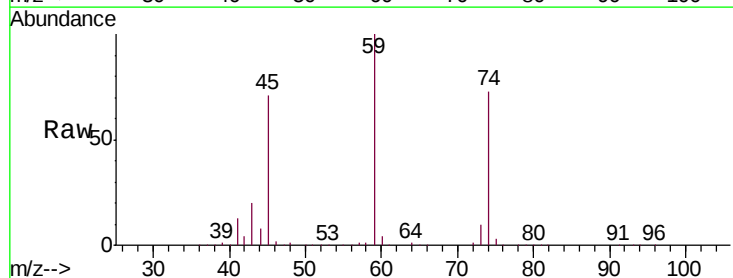
Tgt Ion:101 Resp: 205356
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9

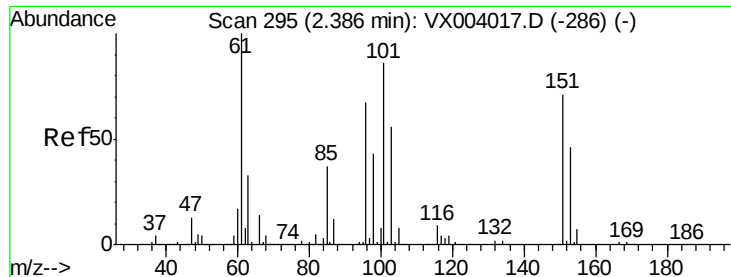


#8

Diethyl Ether
 Concen: 49.276 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion: 74 Resp: 117690
 Ion Ratio Lower Upper
 74 100
 45 95.8 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.529 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

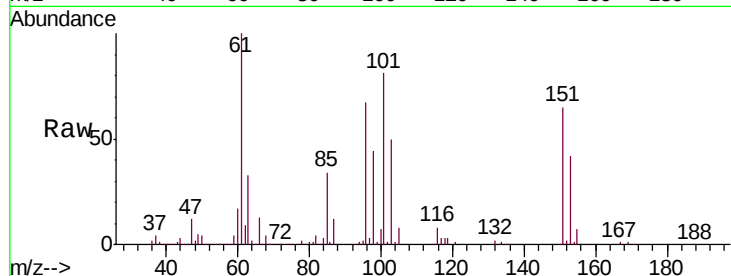
Tgt Ion:101 Resp: 116001

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

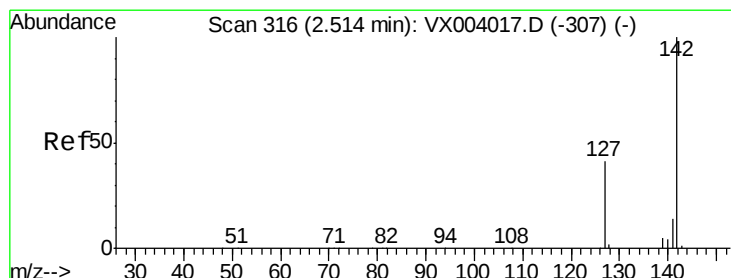
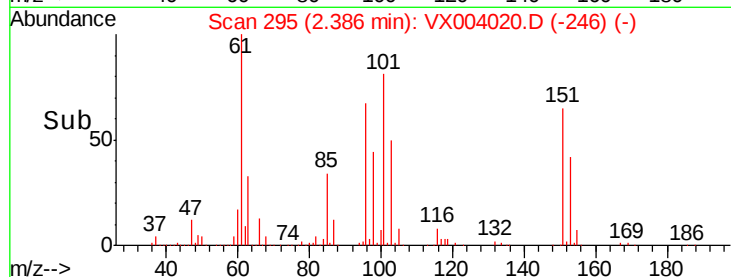
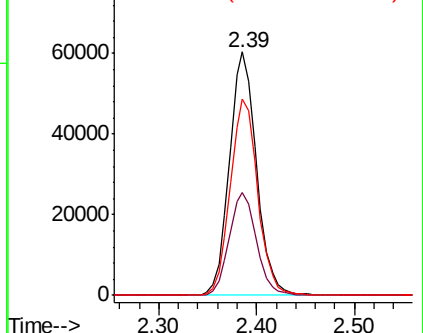
151 81.7 65.0 97.6



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: 51.493 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

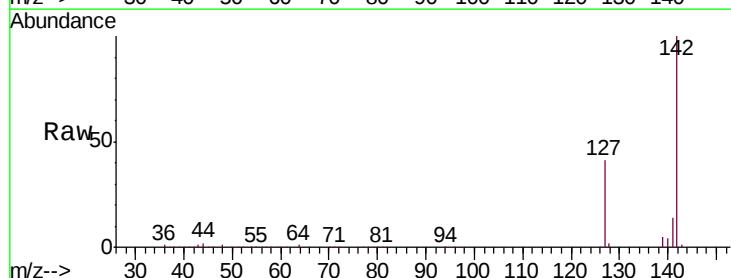
Tgt Ion:142 Resp: 165904

Ion Ratio Lower Upper

142 100

127 41.8 33.5 50.3

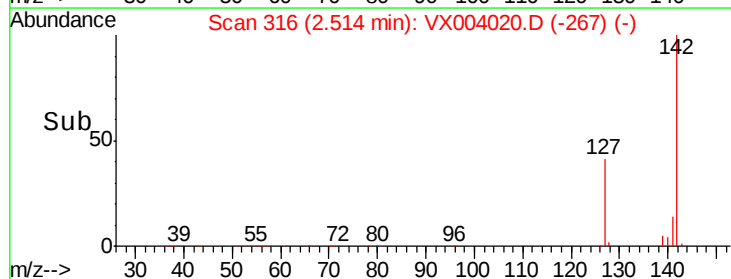
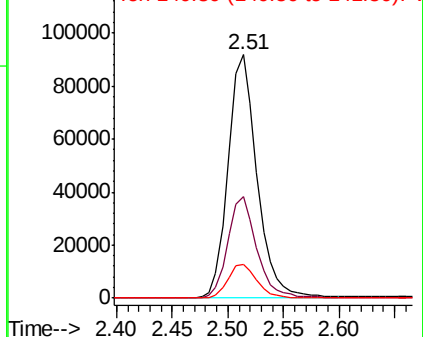
141 14.2 11.0 16.6

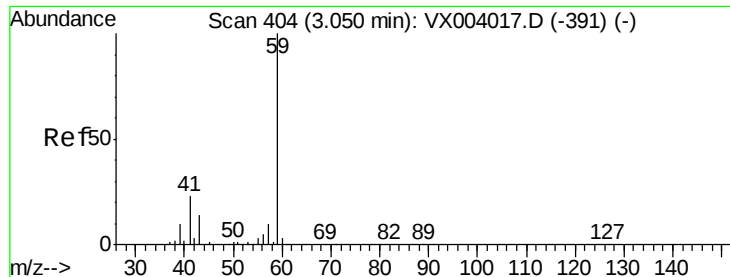


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



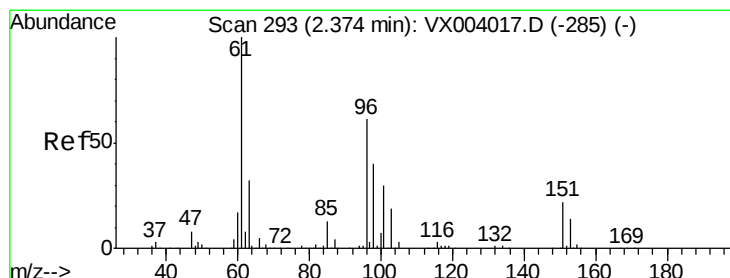
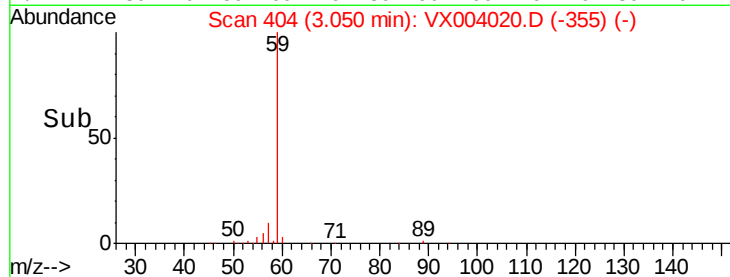
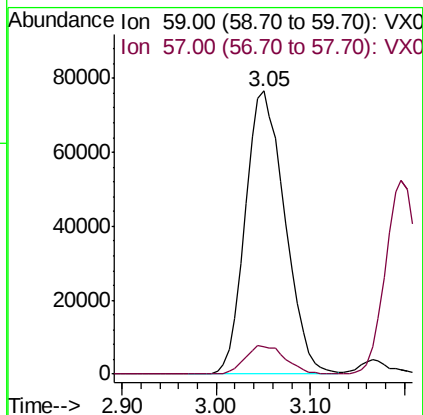
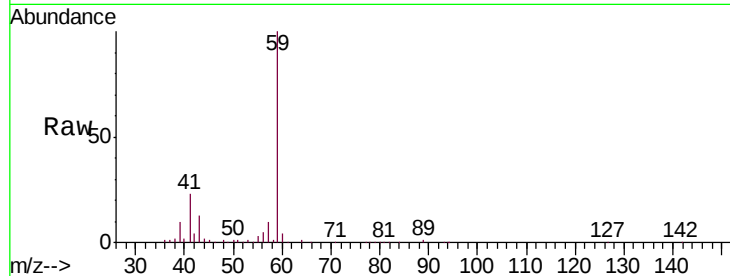


#11

Tert butyl alcohol
Concen: 246.831 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

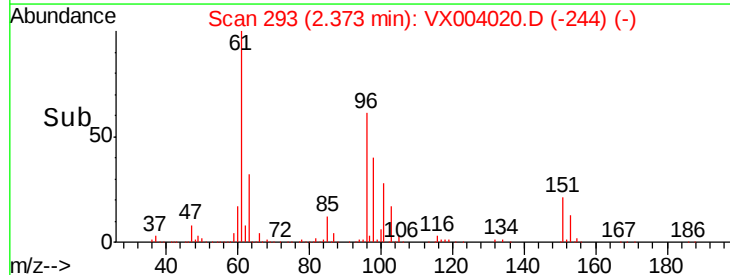
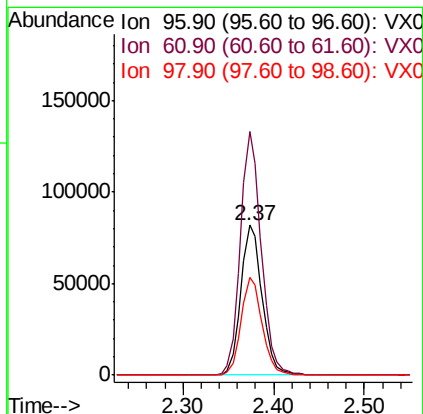
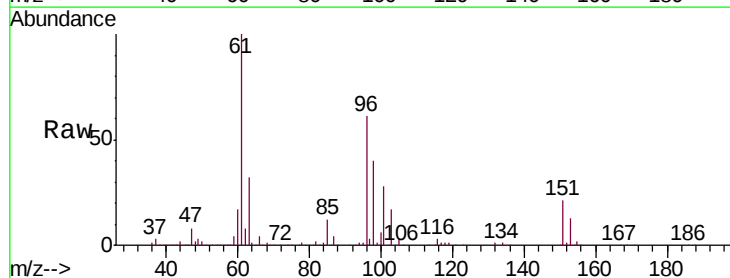
Tgt Ion: 59 Resp: 224597
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

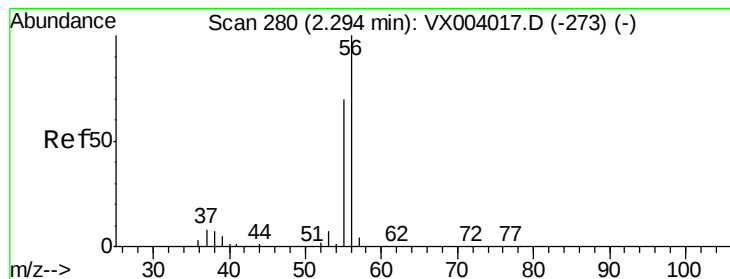


#12

1,1-Dichloroethene
Concen: 48.991 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion: 96 Resp: 133819
Ion Ratio Lower Upper
96 100
61 162.7 131.2 196.8
98 65.1 52.0 78.0





#13

Acrolein

Concen: 262.293 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

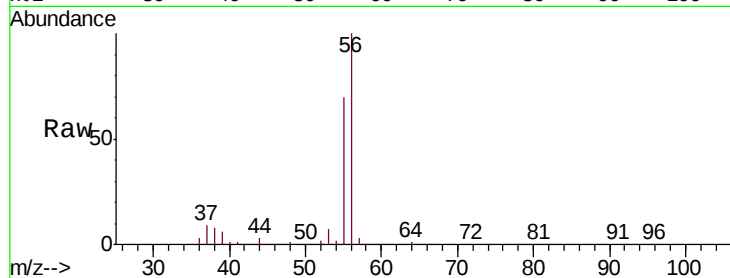
VSTDICV0

Tgt Ion: 56 Resp: 149226

Ion Ratio Lower Upper

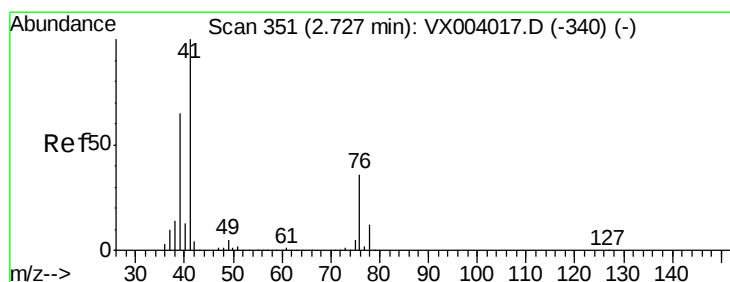
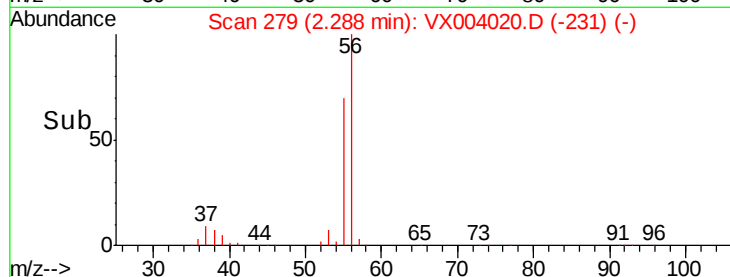
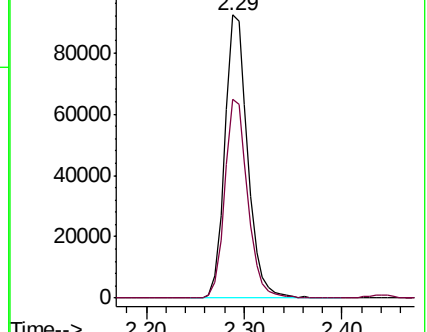
56 100

55 70.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.125 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

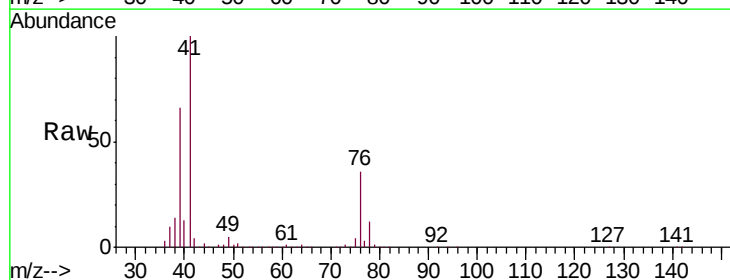
Tgt Ion: 41 Resp: 272097

Ion Ratio Lower Upper

41 100

39 61.4 48.8 73.2

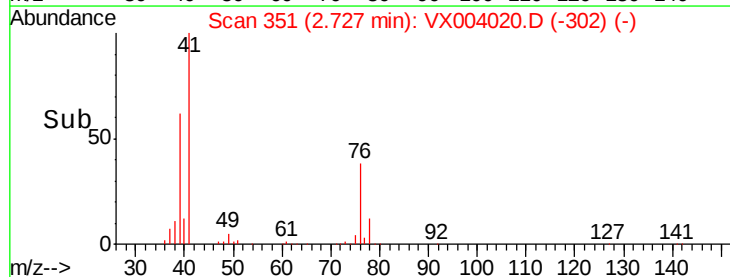
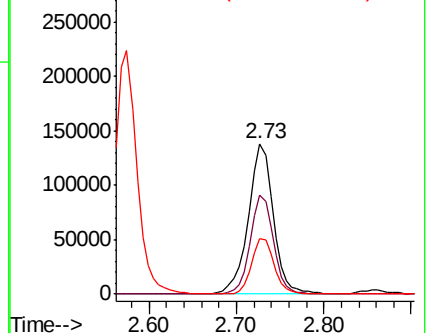
76 33.5 25.9 38.9

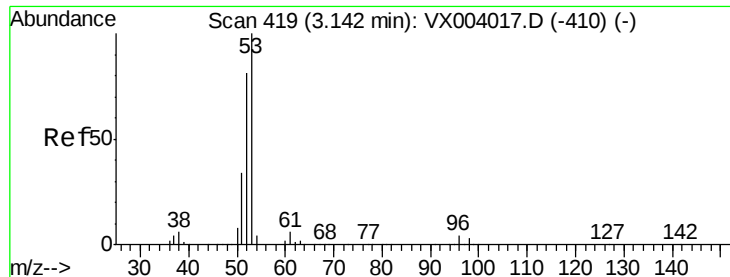


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 231.631 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

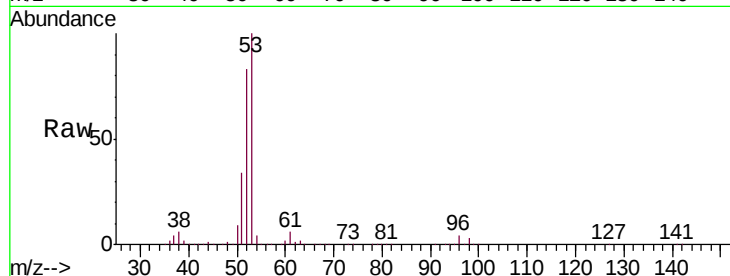
Tgt Ion: 53 Resp: 530825

Ion Ratio Lower Upper

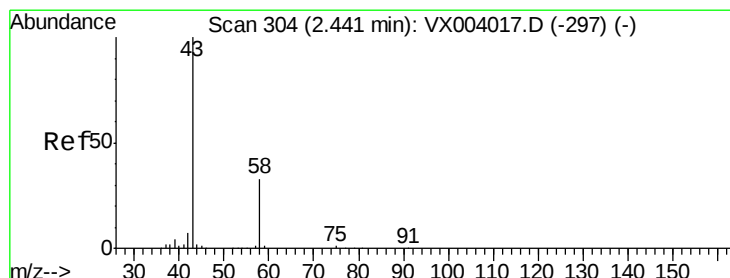
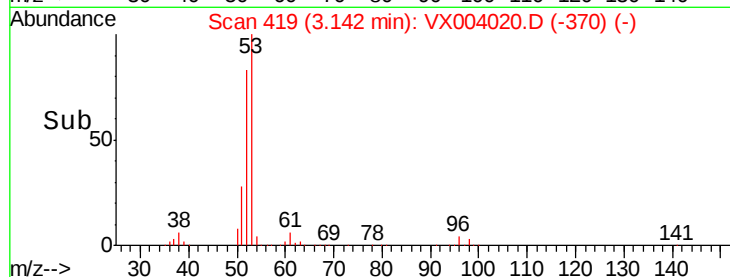
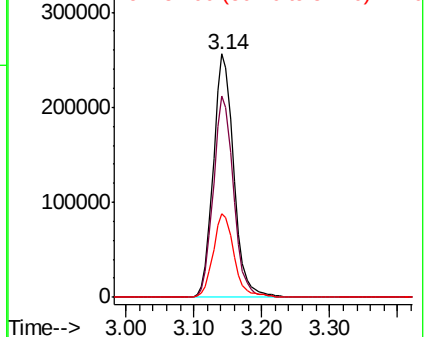
53 100

52 82.3 65.0 97.6

51 35.2 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: 235.506 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004020.D

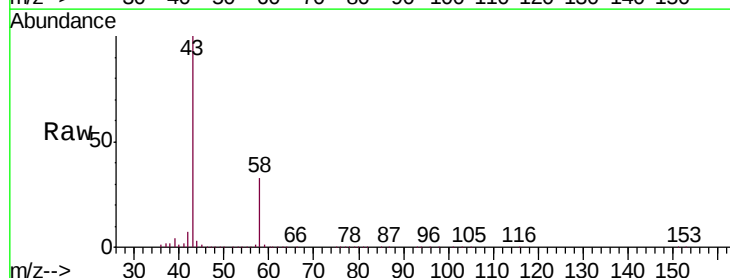
Acq: 14 Aug 2018 02:17

Tgt Ion: 43 Resp: 539736

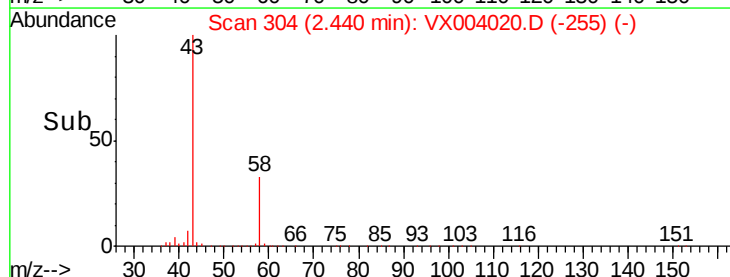
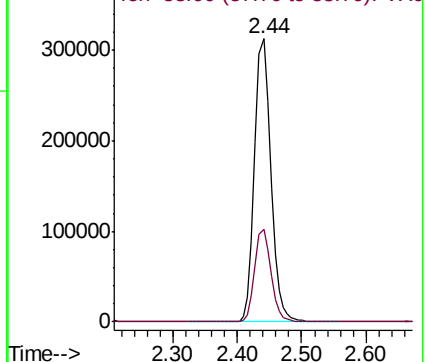
Ion Ratio Lower Upper

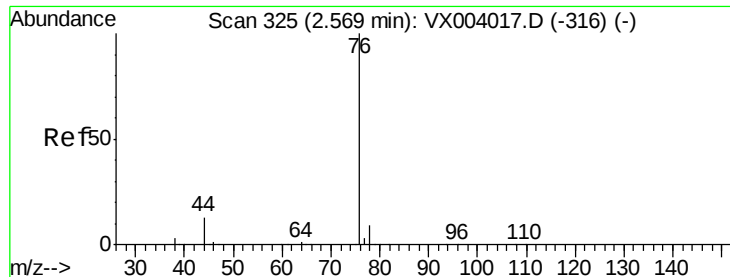
43 100

58 32.8 26.3 39.5



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

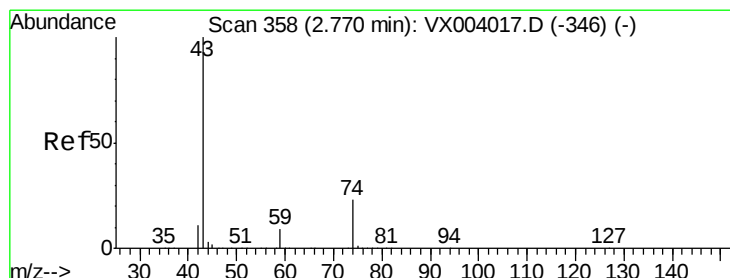
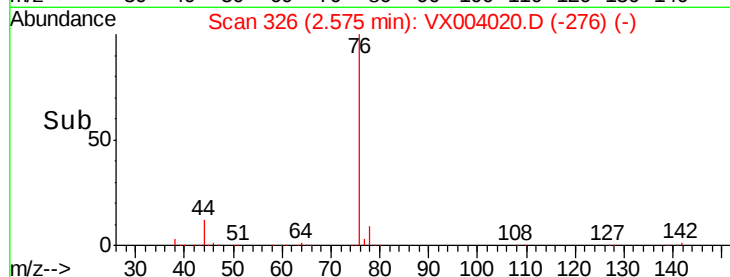
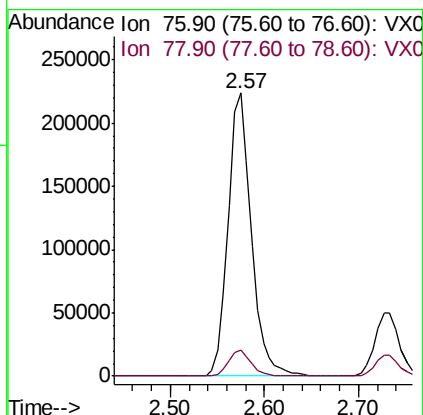
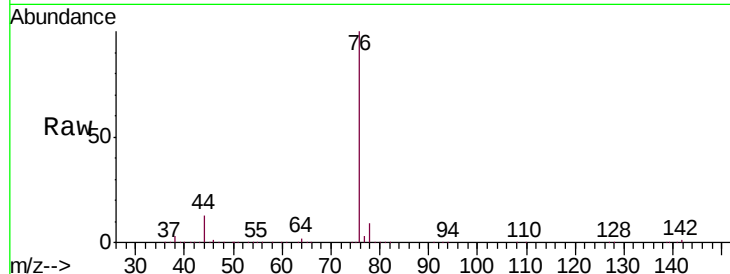




#17
Carbon Disulfide
Concen: 50.561 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

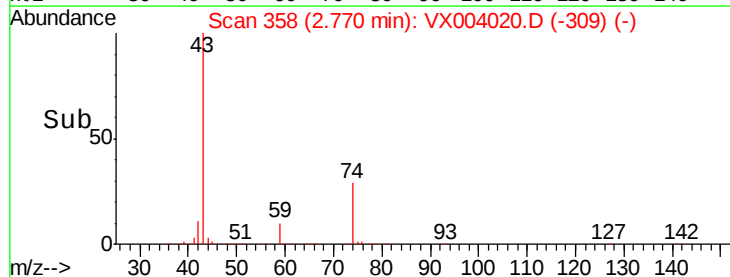
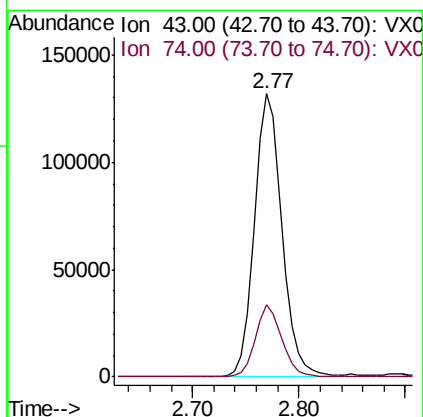
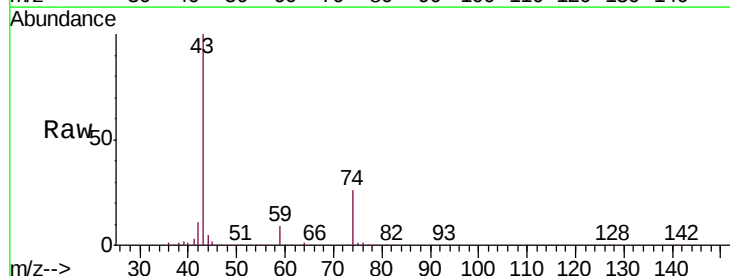
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

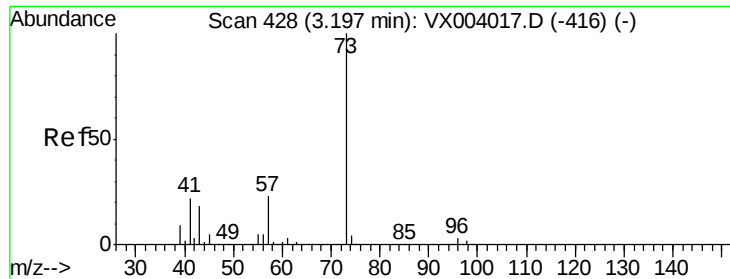
Tgt Ion: 76 Resp: 383962
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 45.917 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion: 43 Resp: 238316
Ion Ratio Lower Upper
43 100
74 24.9 19.7 29.5

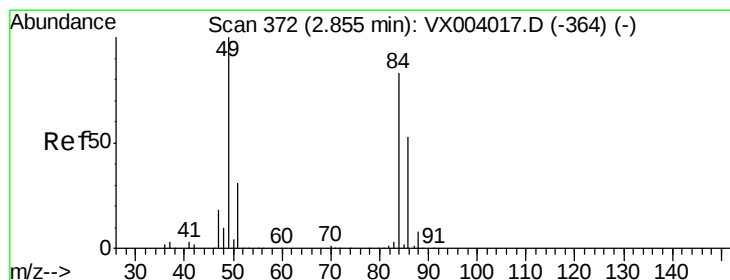
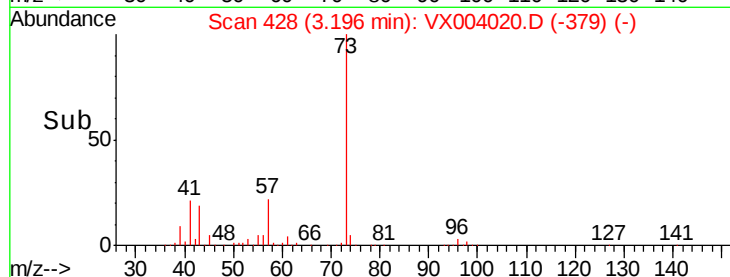
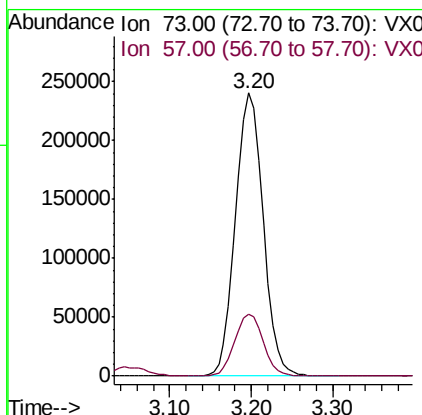
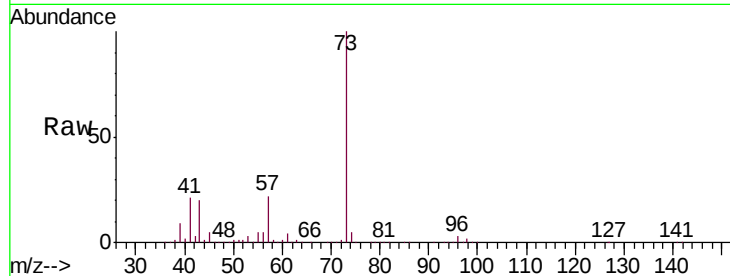




#19
Methyl tert-butyl Ether
Concen: 49.343 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

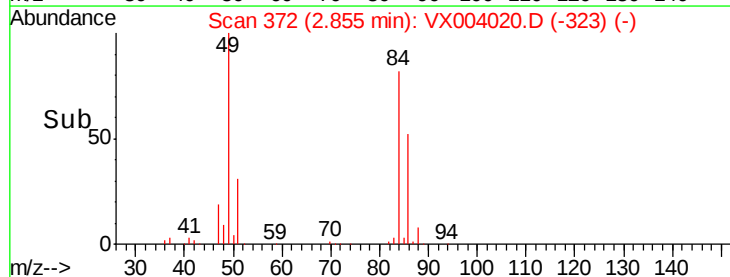
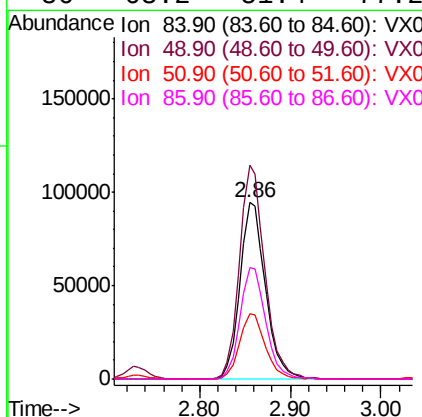
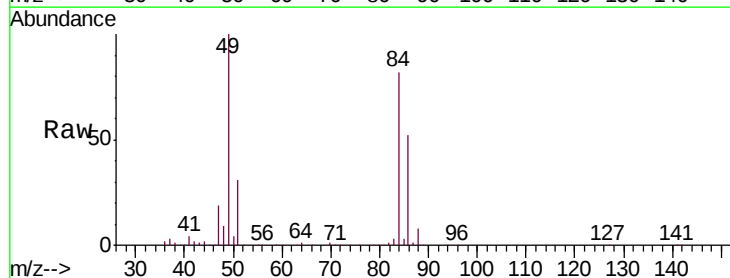
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

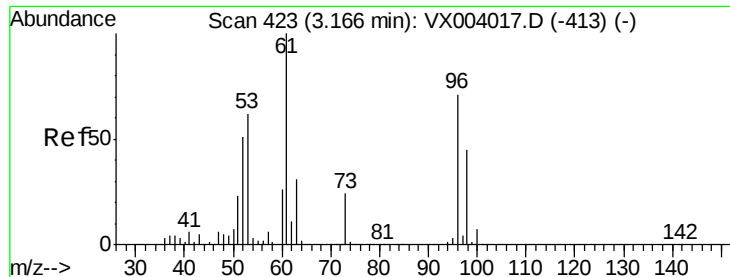
Tgt Ion: 73 Resp: 566173
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2



#20
Methylene Chloride
Concen: 50.534 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion: 84 Resp: 183658
Ion Ratio Lower Upper
84 100
49 121.2 96.9 145.3
51 37.4 30.2 45.2
86 63.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.725 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

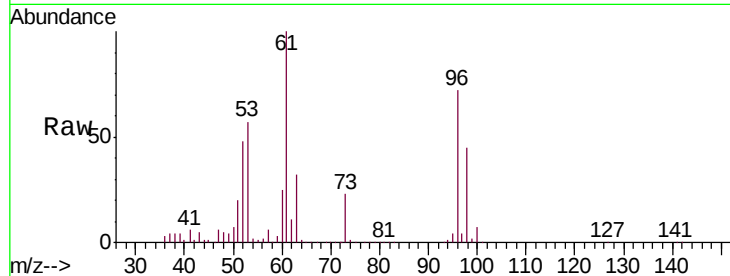
Tgt Ion: 96 Resp: 160792

Ion Ratio Lower Upper

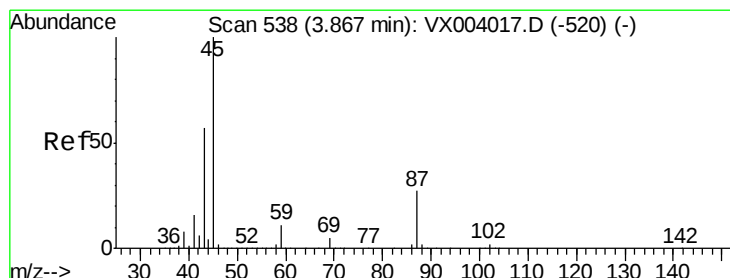
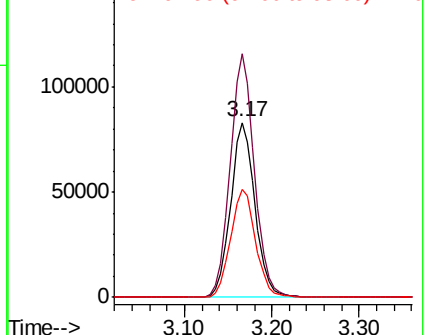
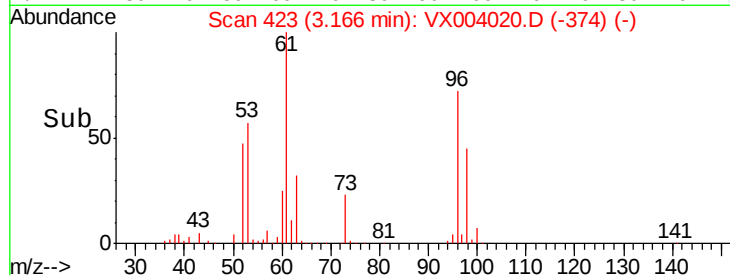
96 100

61 139.3 112.3 168.5

98 62.1 50.1 75.1



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: 49.490 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Tgt Ion: 45 Resp: 602297

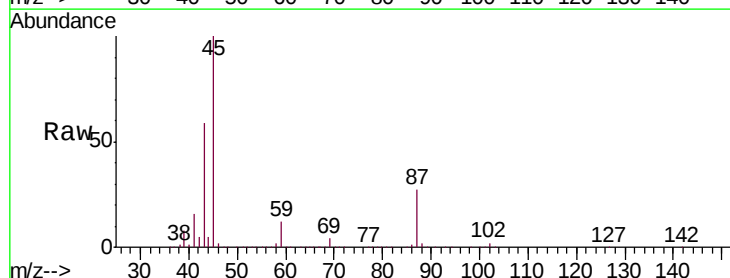
Ion Ratio Lower Upper

45 100

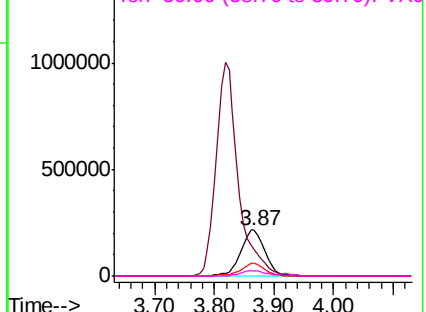
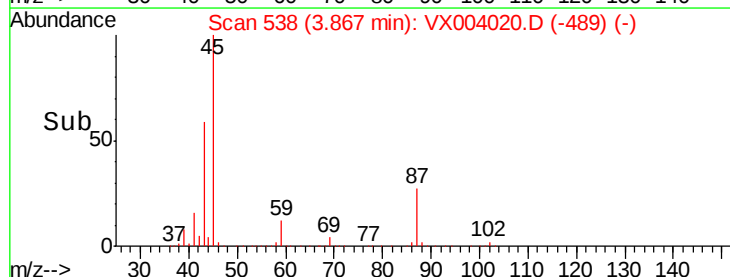
43 58.6 45.6 68.4

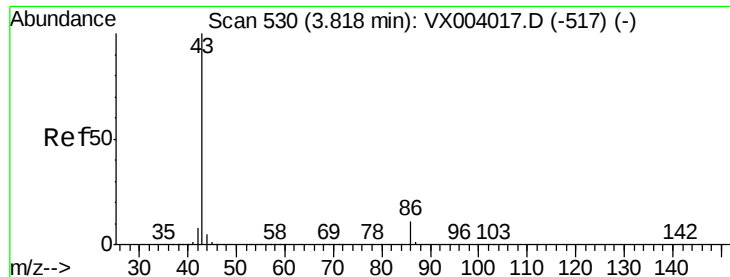
87 27.0 21.4 32.0

59 12.2 9.0 13.4



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: 254.335 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

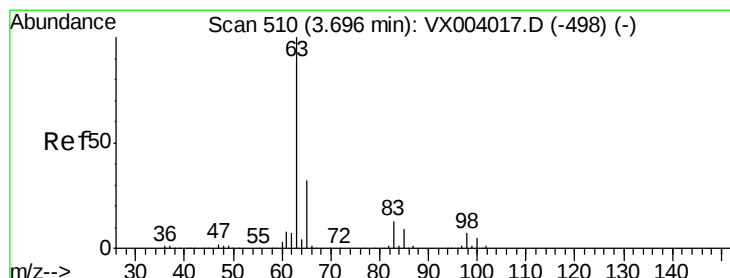
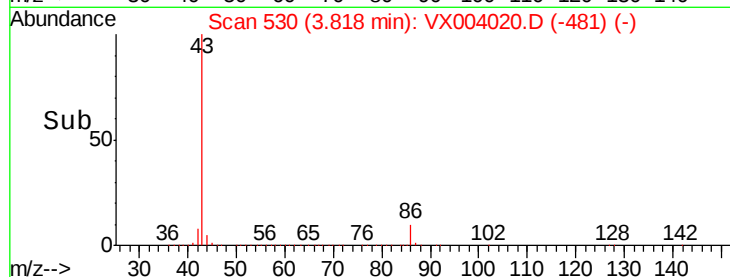
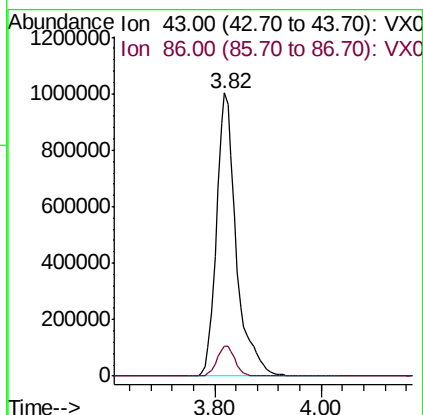
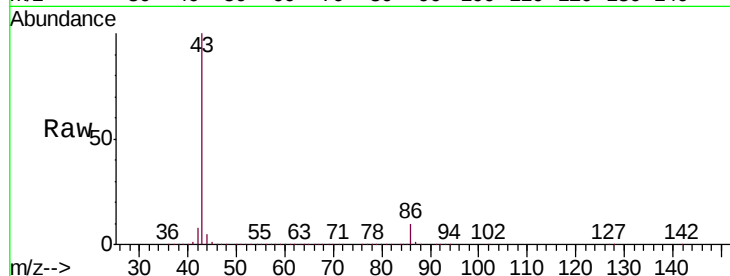
VSTDICV0

Tgt Ion: 43 Resp: 2590987

Ion Ratio Lower Upper

43 100

86 10.4 8.5 12.7



#24

1,1-Dichloroethane

Concen: 48.480 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

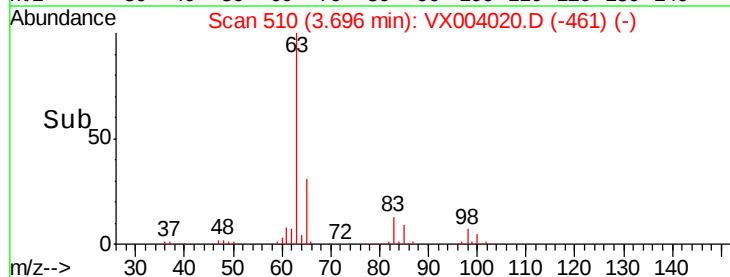
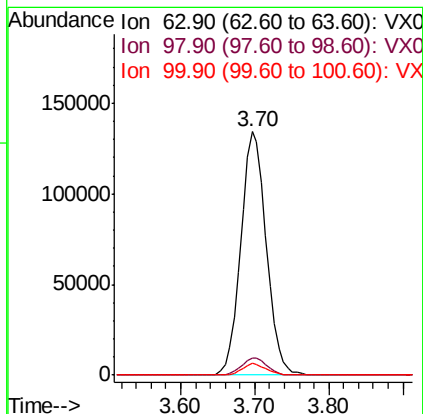
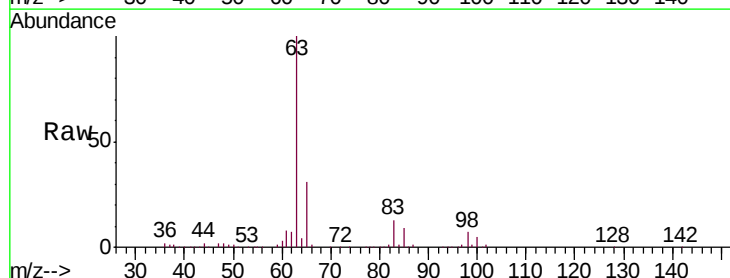
Tgt Ion: 63 Resp: 321777

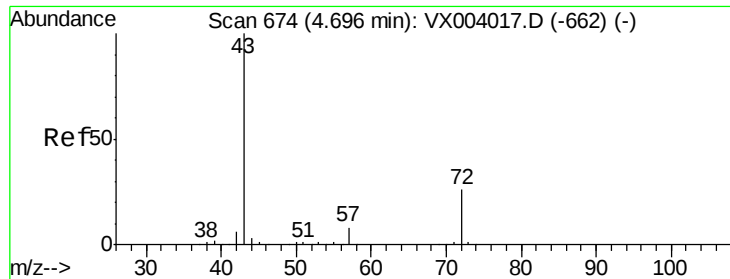
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 242.604 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

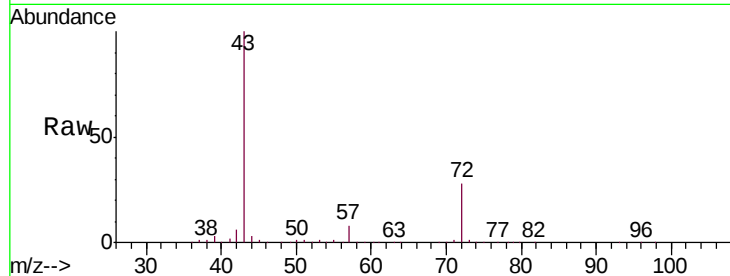
VSTDICV0

Tgt Ion: 43 Resp: 896712

Ion Ratio Lower Upper

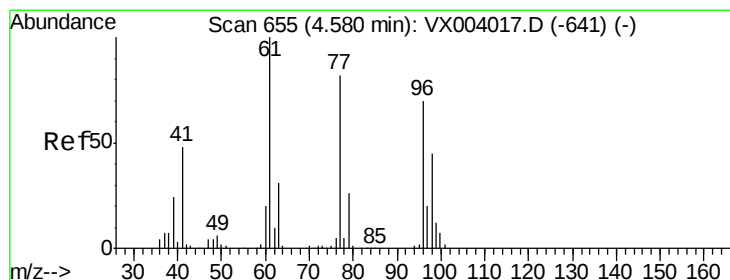
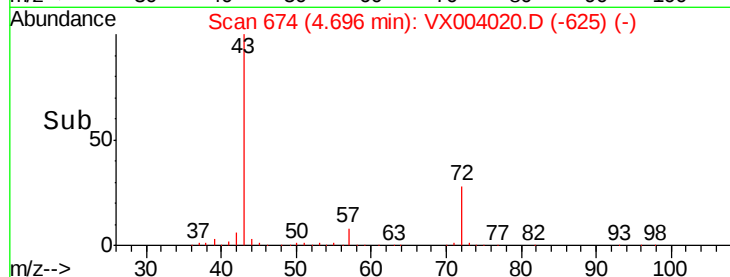
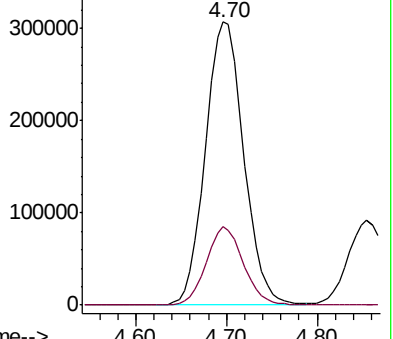
43 100

72 27.7 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.024 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004020.D

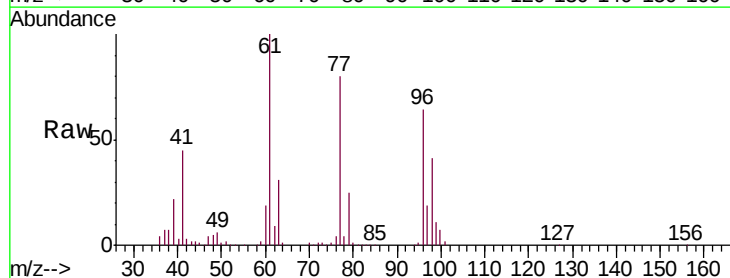
Acq: 14 Aug 2018 02:17

Tgt Ion: 77 Resp: 165843

Ion Ratio Lower Upper

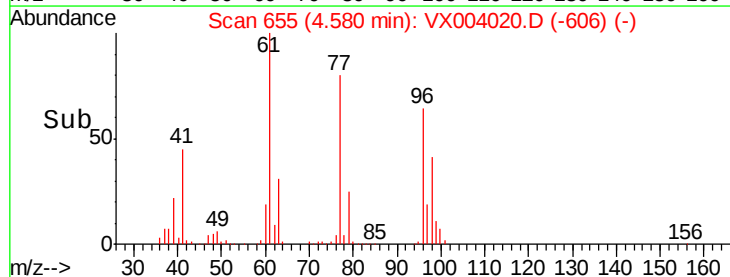
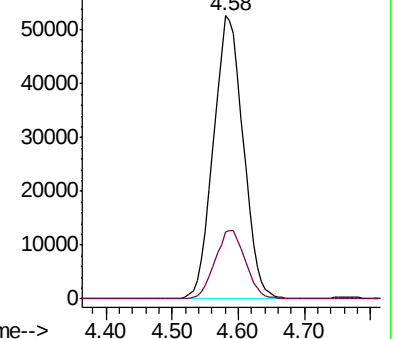
77 100

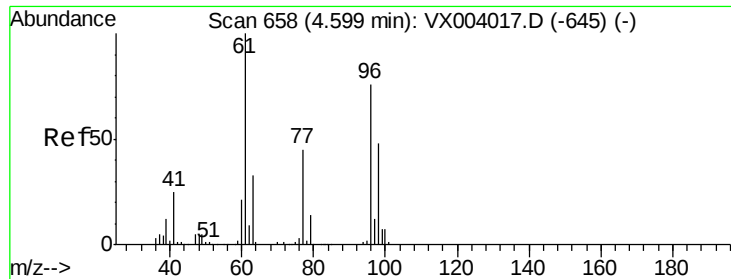
97 24.6 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



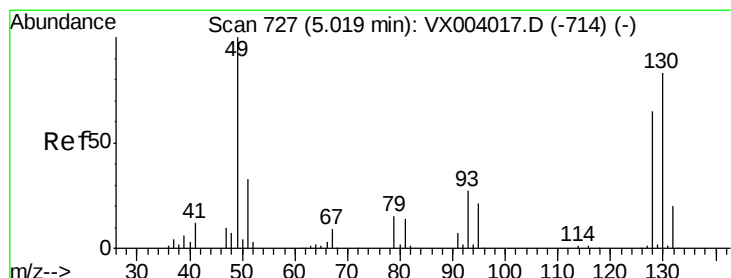
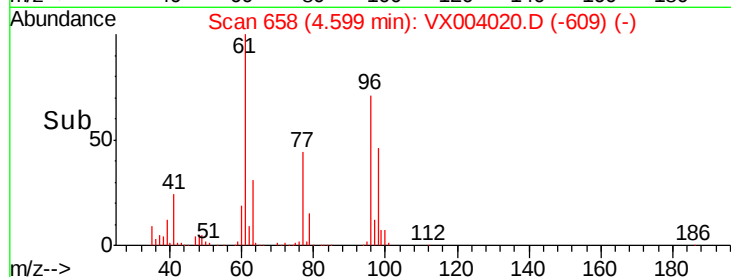
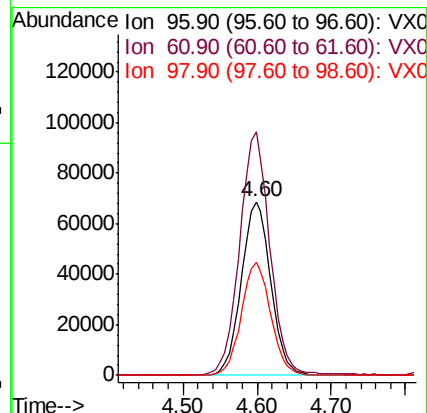
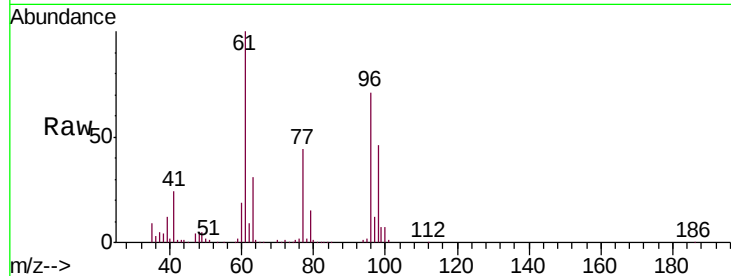


#27

cis-1,2-Dichloroethene
Concen: 48.922 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

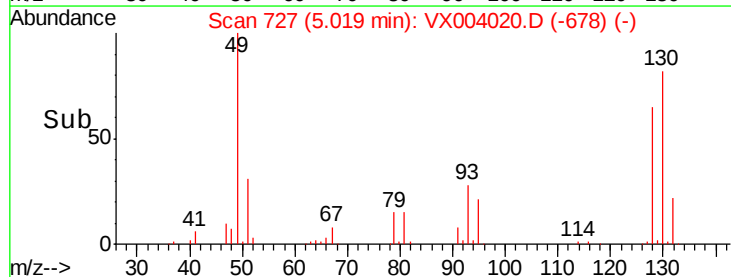
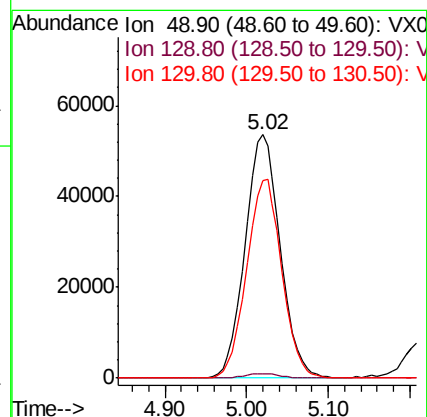
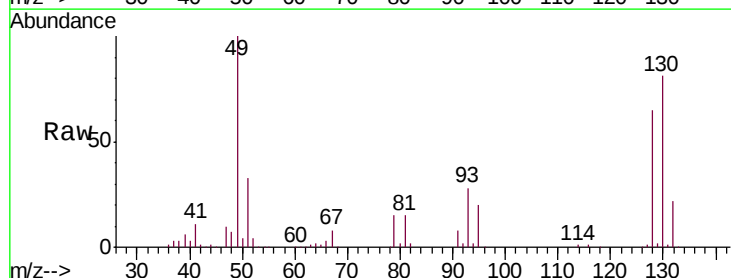
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	281.8
98	64.8	0.0	128.4

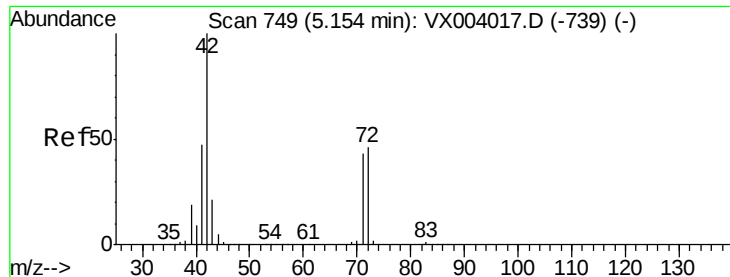


#28

Bromochloromethane
Concen: 52.000 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	81.7	65.8	98.8





#29

Tetrahydrofuran

Concen: 243.978 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

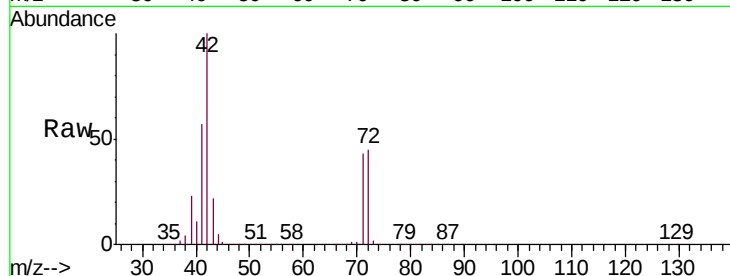
Tgt Ion: 42 Resp: 455927

Ion Ratio Lower Upper

42 100

72 46.1 37.2 55.8

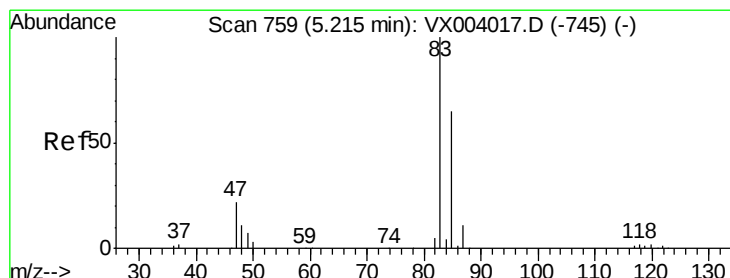
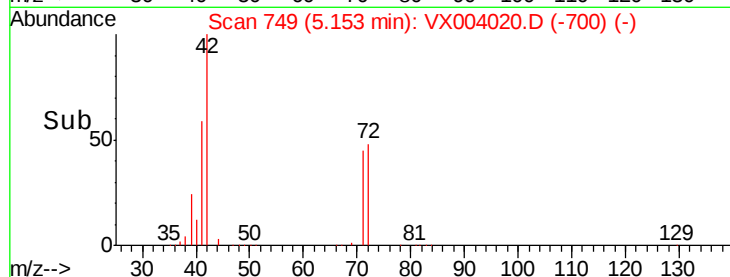
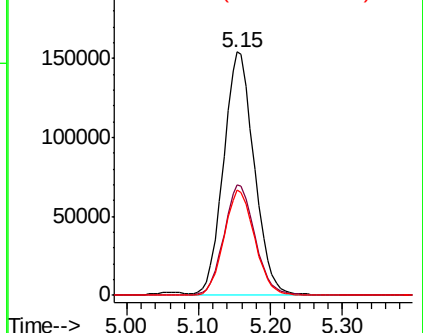
71 43.2 34.6 51.8



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: 49.128 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004020.D

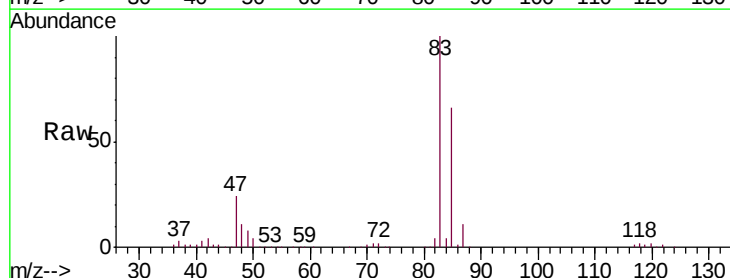
Acq: 14 Aug 2018 02:17

Tgt Ion: 83 Resp: 314648

Ion Ratio Lower Upper

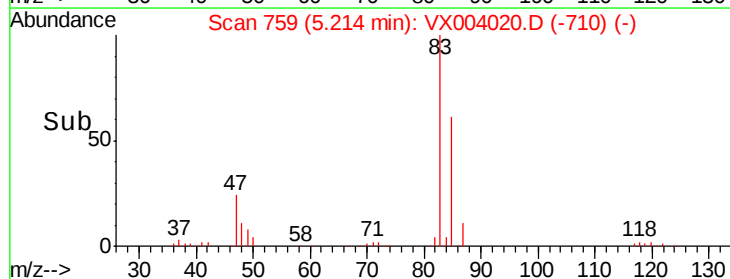
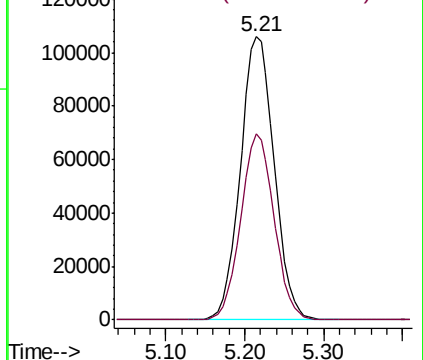
83 100

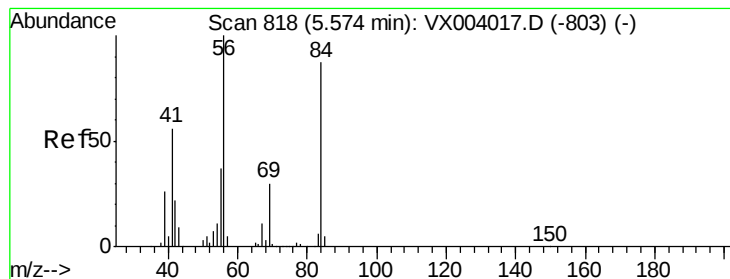
85 65.6 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.039 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampled :

VSTDICV0

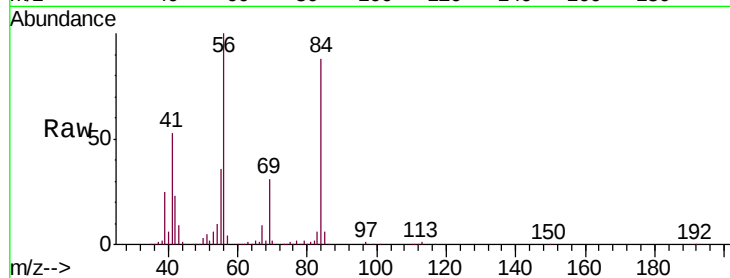
Tgt Ion: 56 Resp: 209356

Ion Ratio Lower Upper

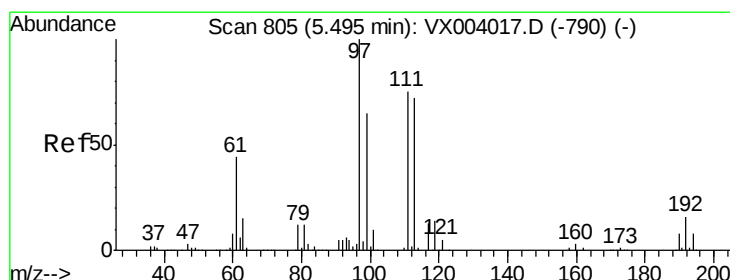
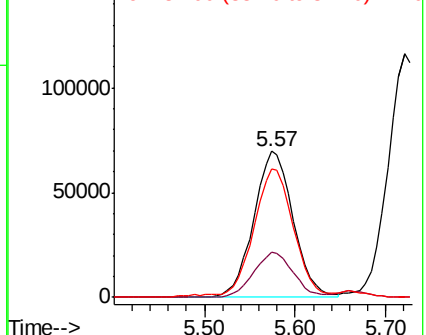
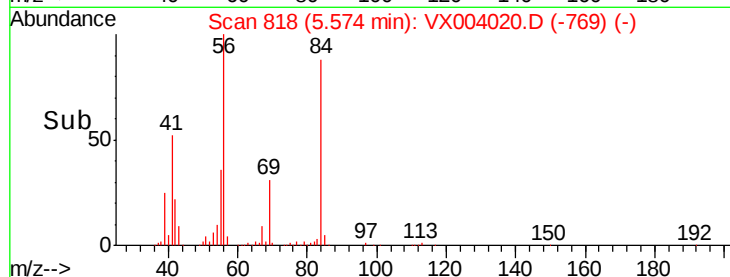
56 100

69 30.9 23.7 35.5

84 87.2 69.8 104.6



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: 49.958 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

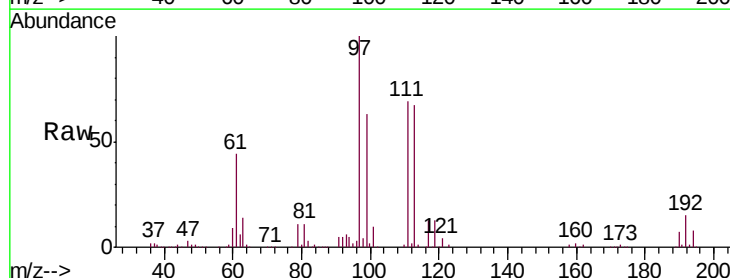
Tgt Ion: 97 Resp: 244966

Ion Ratio Lower Upper

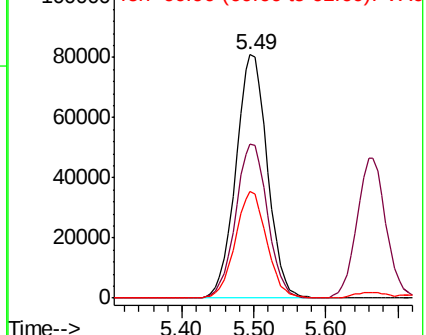
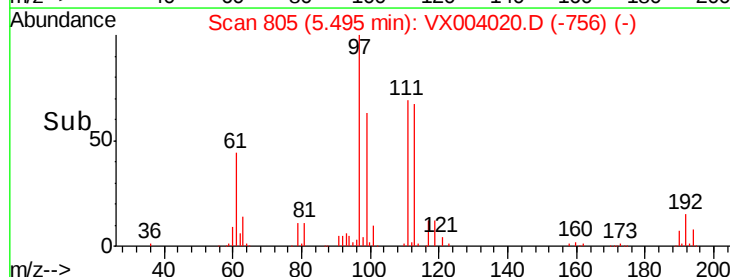
97 100

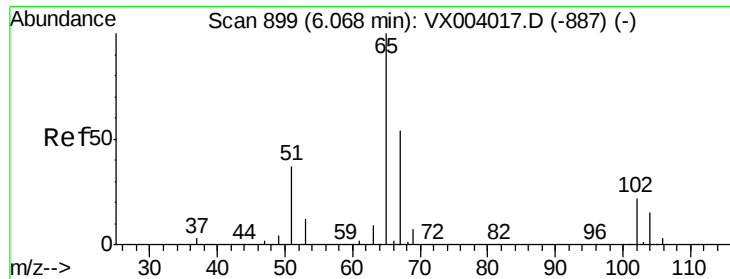
99 64.3 52.0 78.0

61 43.8 35.8 53.6



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

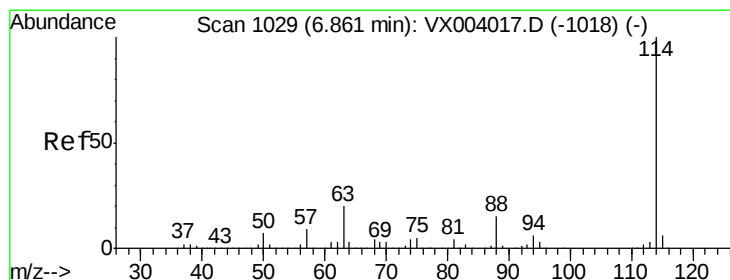
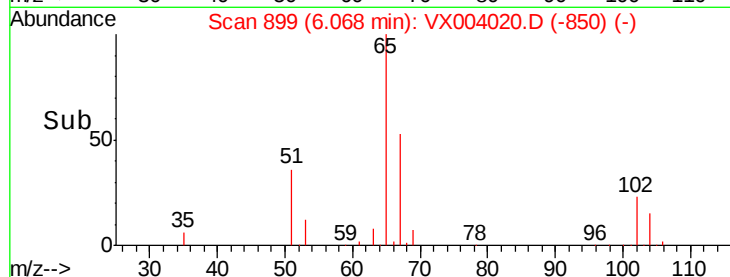
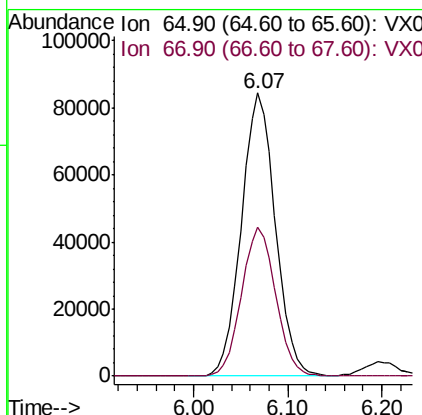
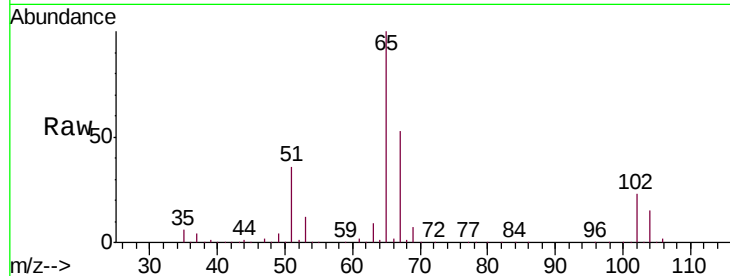




#33
 1,2-Dichloroethane-d4
 Concen: 49.663 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

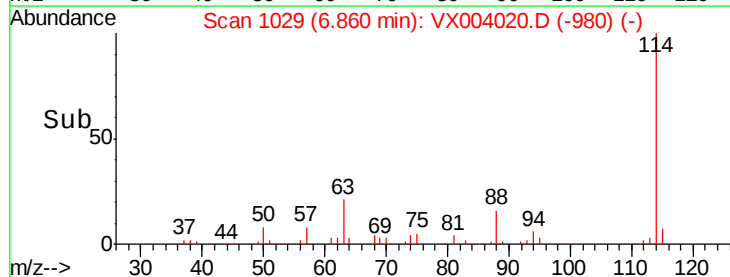
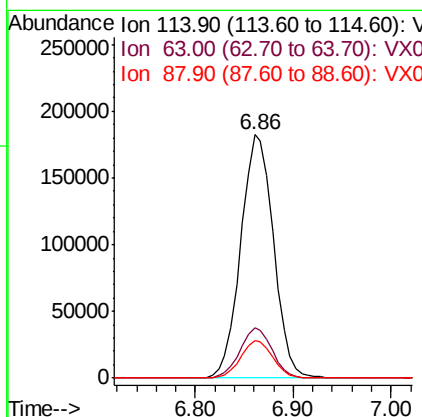
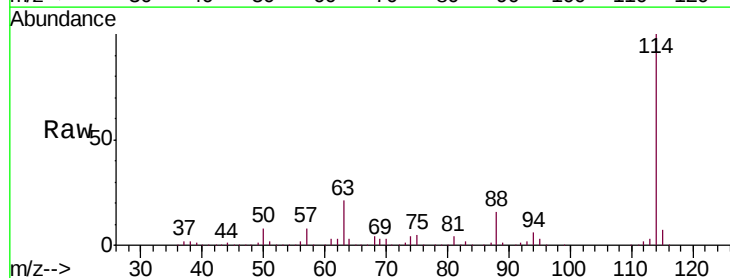
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

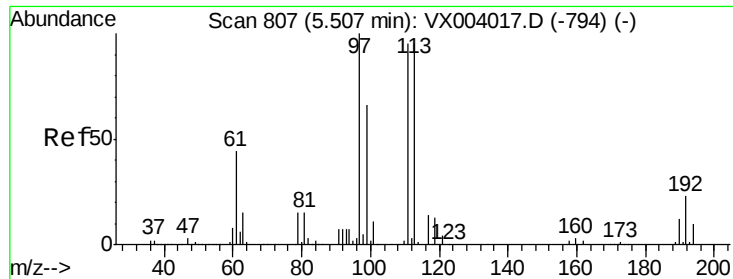
Tgt Ion: 65 Resp: 213277
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion: 114 Resp: 424856
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.4
 88 15.6 0.0 30.4

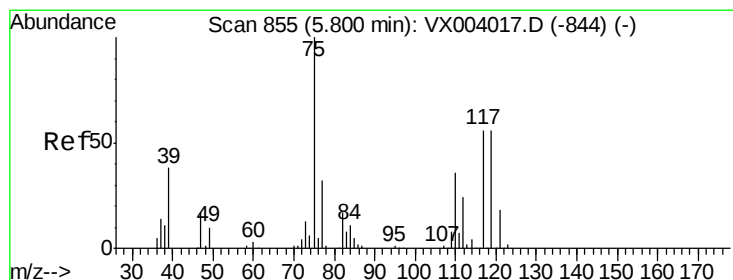
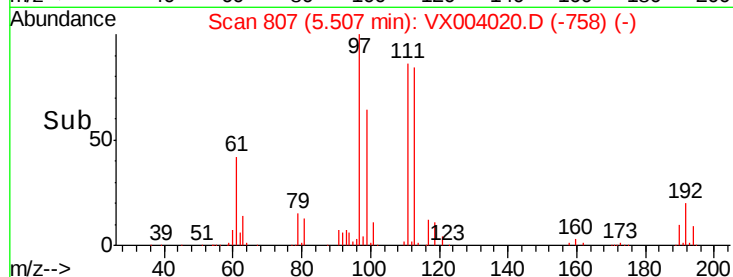
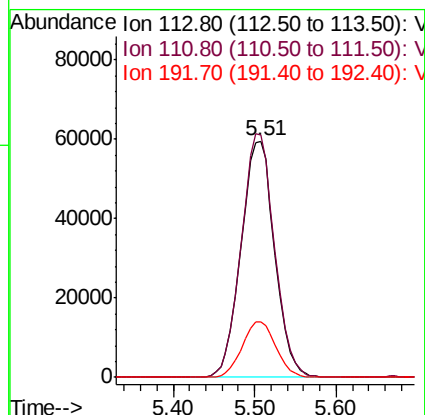
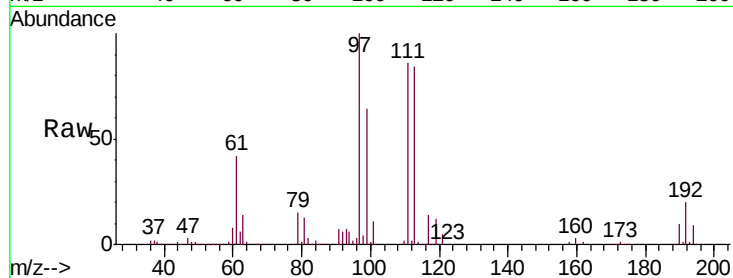




#35
 Dibromofluoromethane
 Concen: 49.805 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

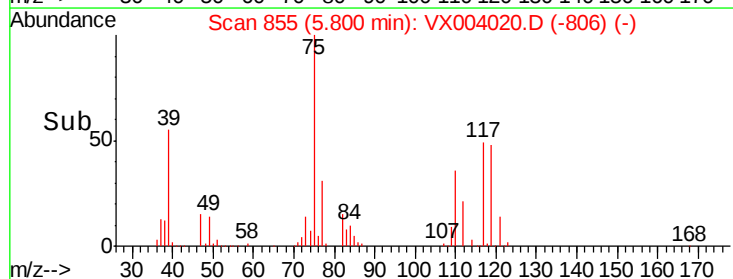
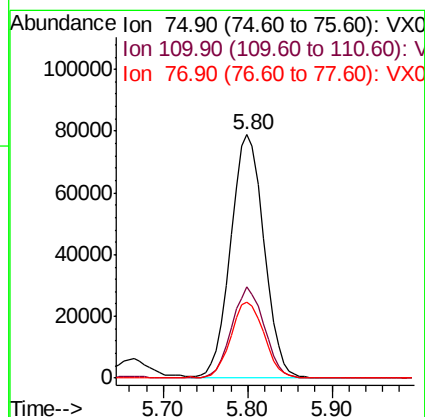
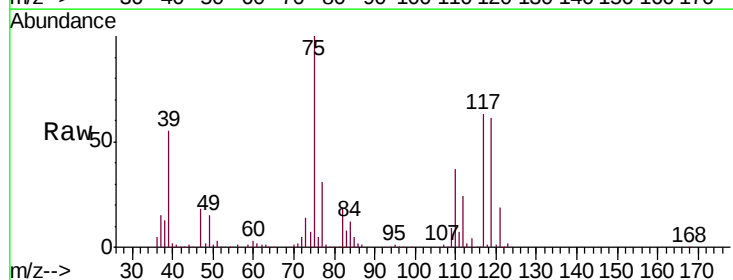
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

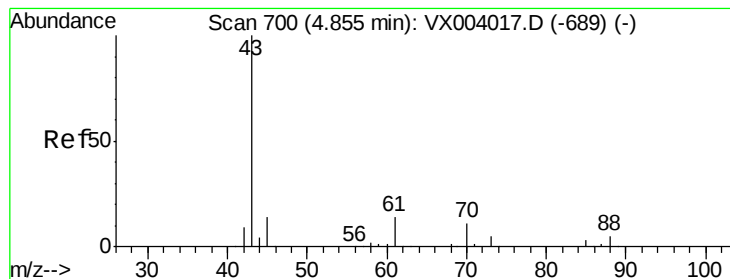
Tgt Ion:113 Resp: 170205
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 49.216 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion: 75 Resp: 211903
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.3
 77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 46.738 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

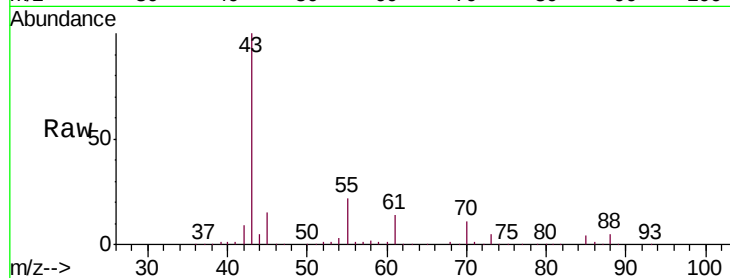
Tgt Ion: 43 Resp: 271154

Ion Ratio Lower Upper

43 100

61 14.4 11.8 17.8

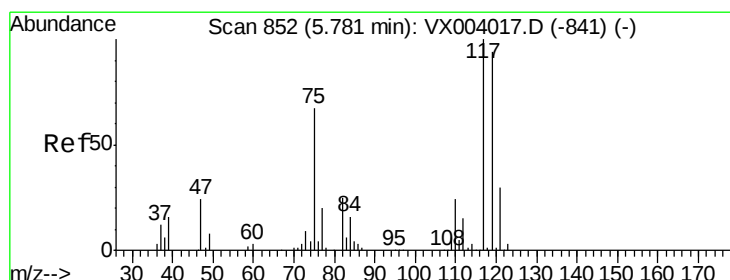
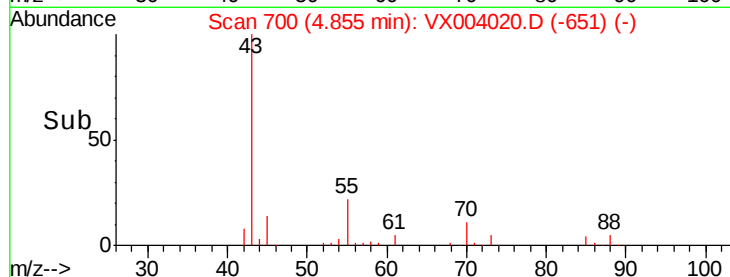
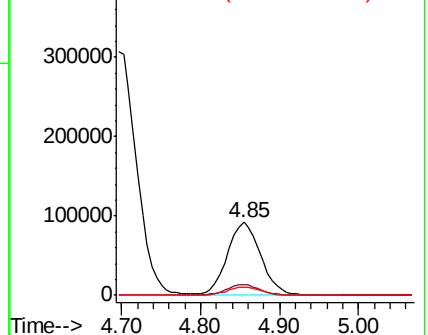
70 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.066 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.01 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

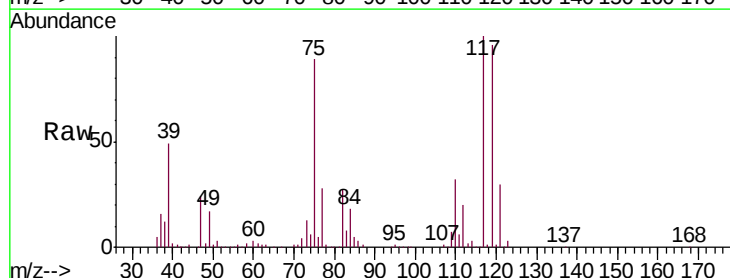
Tgt Ion: 117 Resp: 201802

Ion Ratio Lower Upper

117 100

119 96.0 74.8 112.2

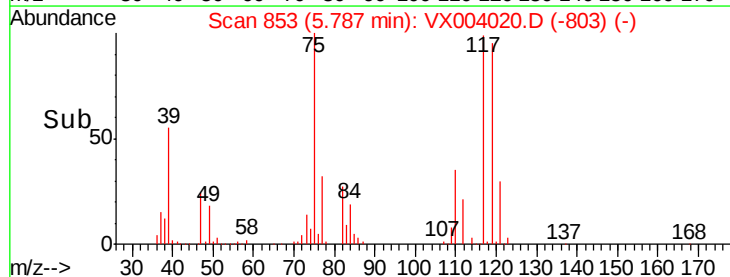
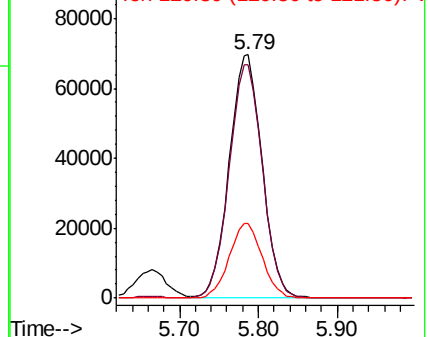
121 30.5 24.1 36.1

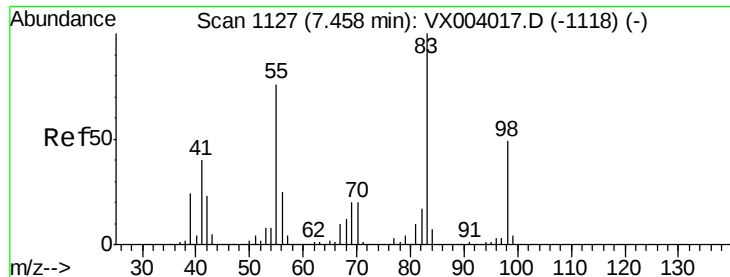


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

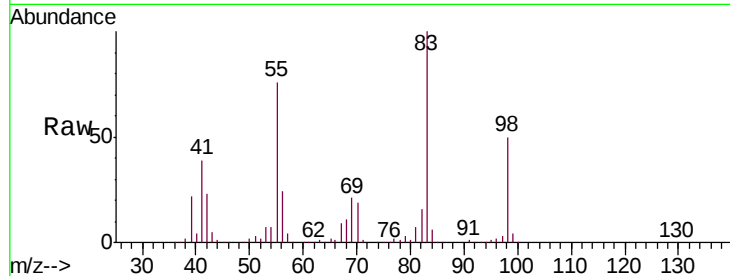




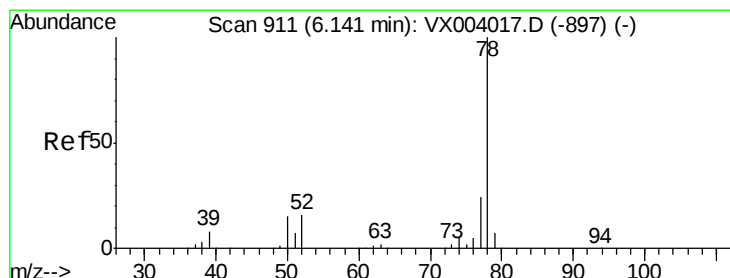
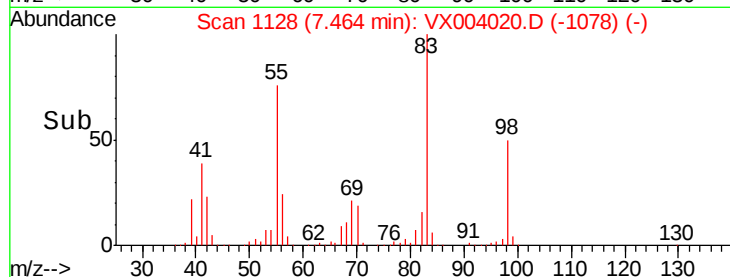
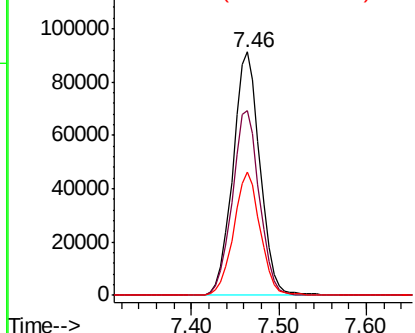
#39
Methylcyclohexane
Concen: 47.637 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

Tgt Ion: 83 Resp: 196702
Ion Ratio Lower Upper
83 100
55 76.1 60.8 91.2
98 50.5 39.0 58.4

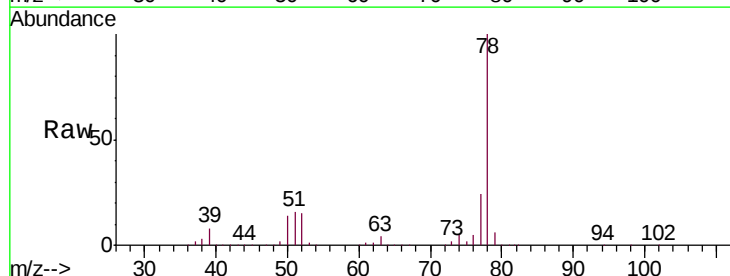


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

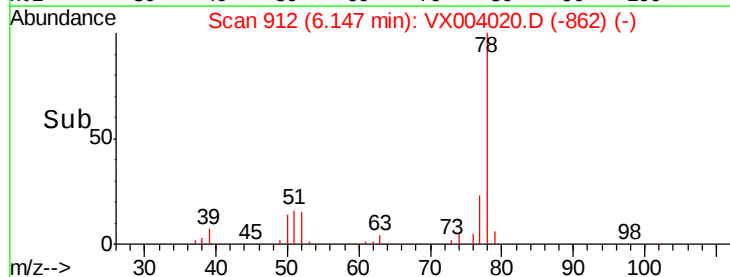
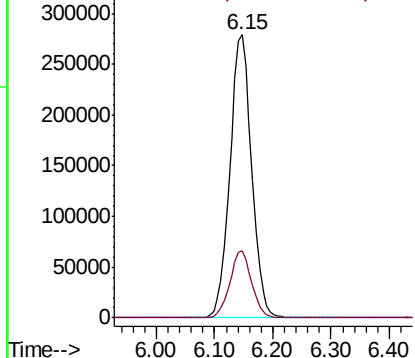


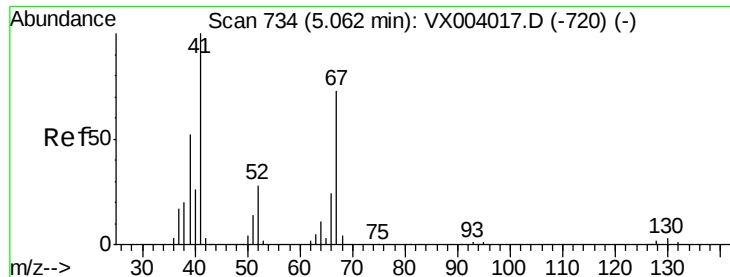
#40
Benzene
Concen: 49.687 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion: 78 Resp: 722918
Ion Ratio Lower Upper
78 100
77 23.5 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: 48.865 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

Tgt Ion: 41 Resp: 151728

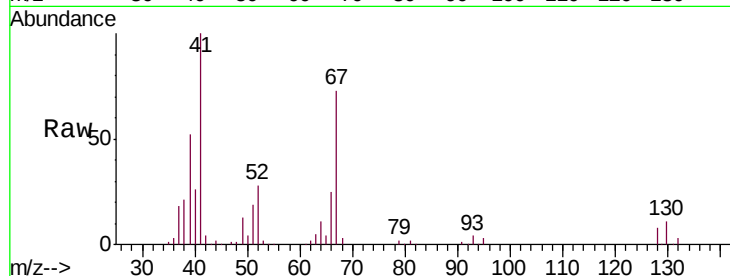
Ion Ratio Lower Upper

41 100

39 52.6 42.3 63.5

67 72.7 58.9 88.3

52 28.6 24.2 36.2

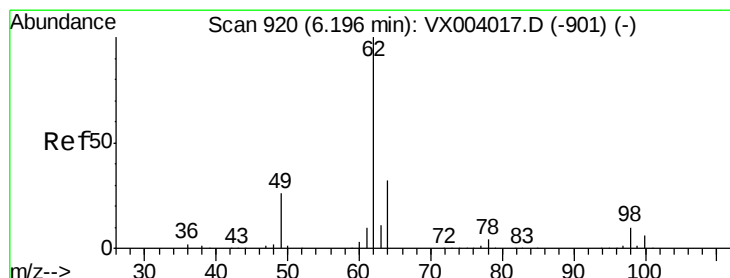
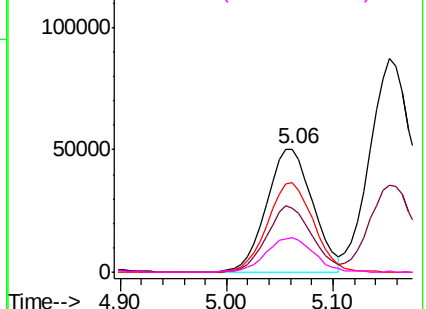
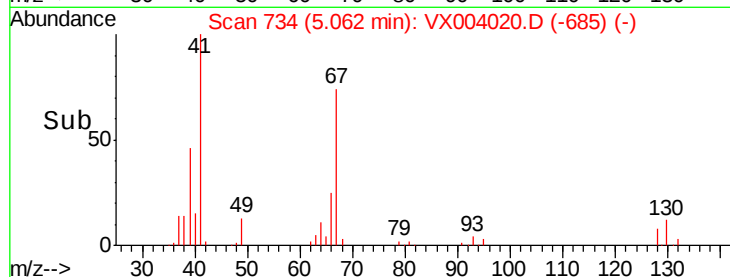


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.400 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.00 min

Lab File: VX004020.D

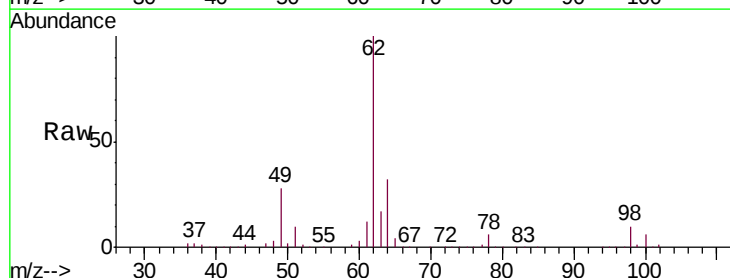
Acq: 14 Aug 2018 02:17

Tgt Ion: 62 Resp: 260918

Ion Ratio Lower Upper

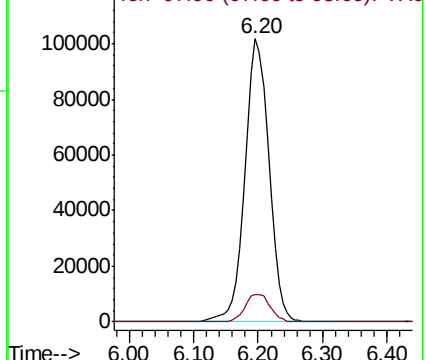
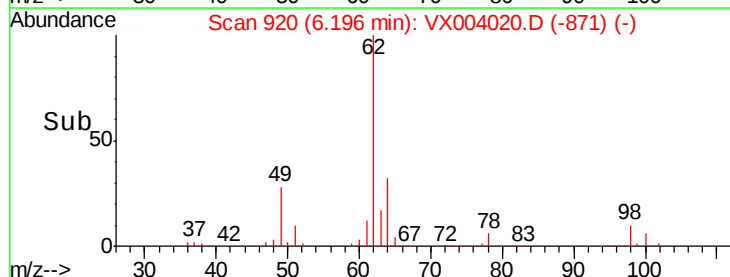
62 100

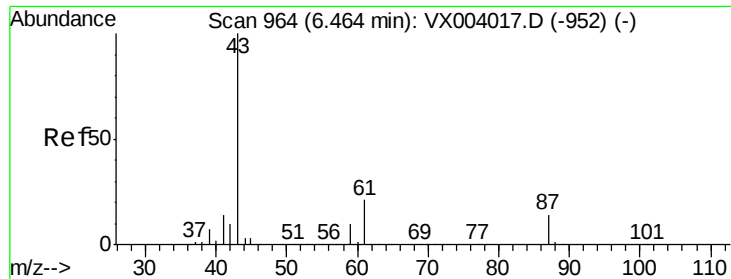
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.515 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

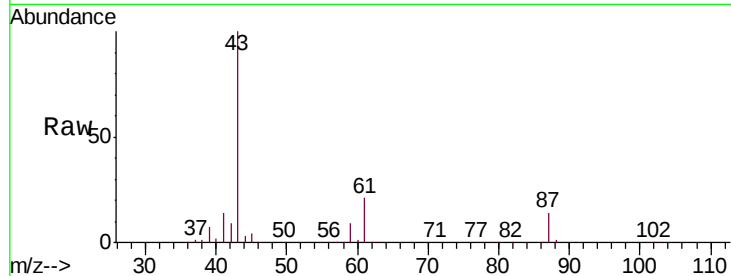
Tgt Ion: 43 Resp: 429630

Ion Ratio Lower Upper

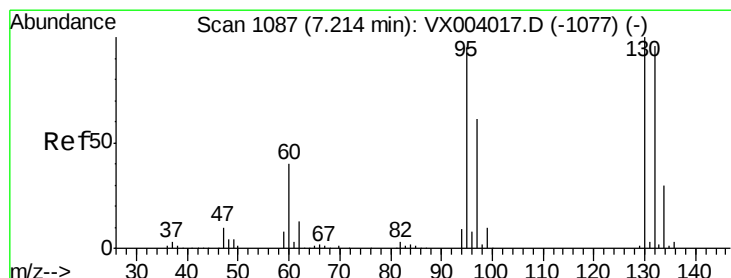
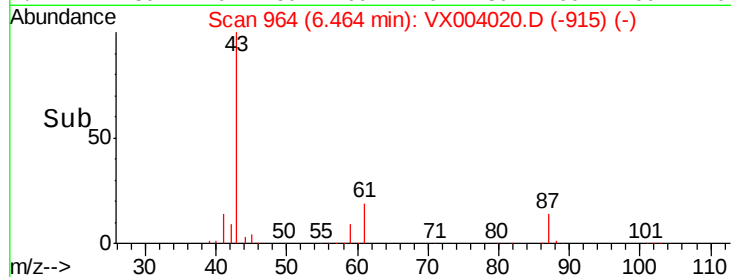
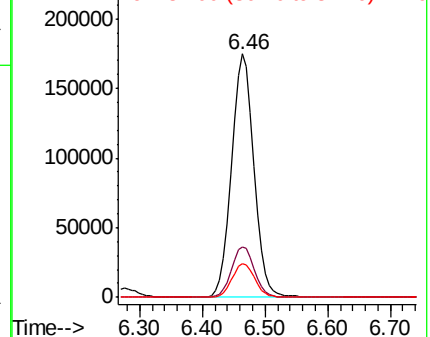
43 100

61 21.3 16.6 24.8

87 14.1 11.1 16.7



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: 49.534 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004020.D

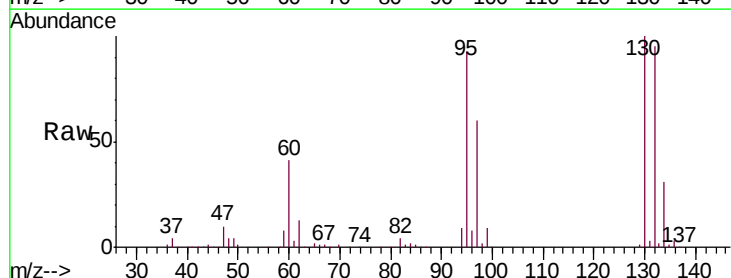
Acq: 14 Aug 2018 02:17

Tgt Ion: 130 Resp: 186047

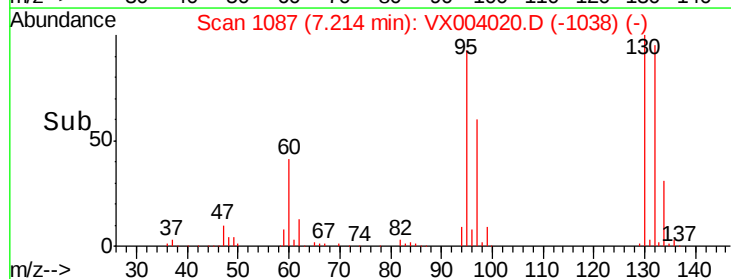
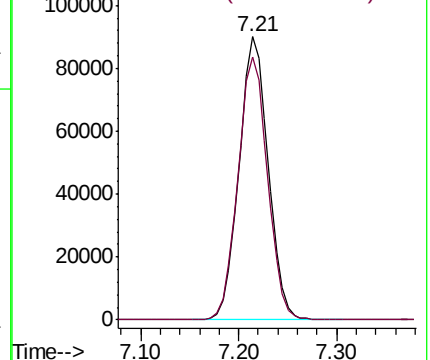
Ion Ratio Lower Upper

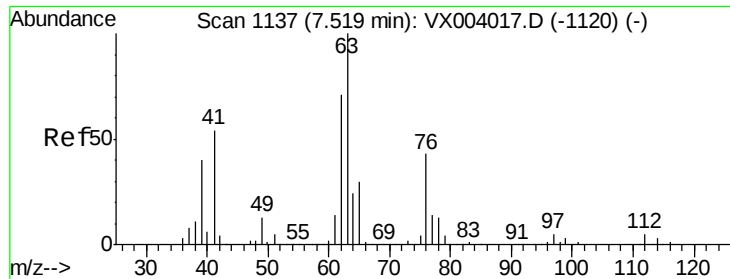
130 100

95 92.8 0.0 190.0



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

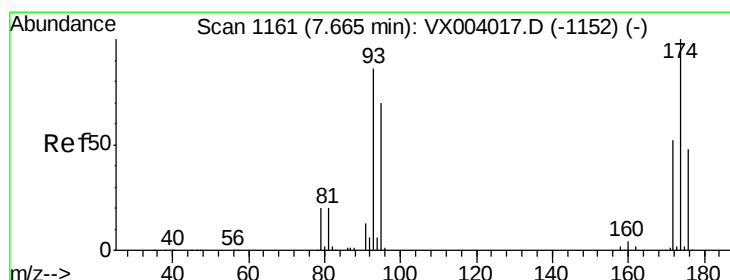
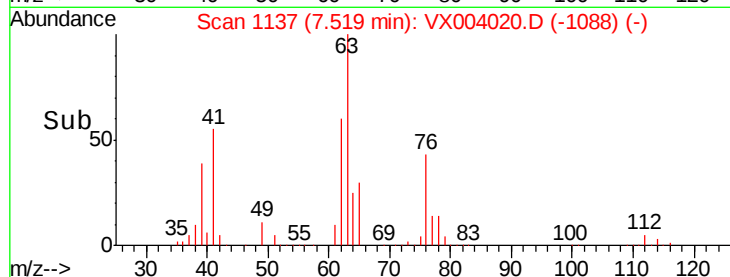
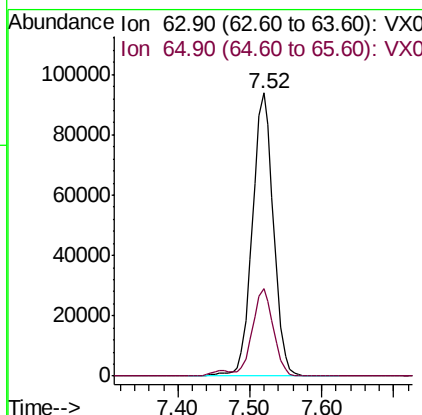
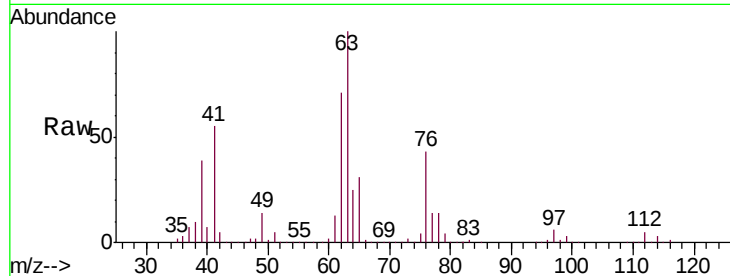




#45
 1,2-Dichloropropane
 Concen: 49.529 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

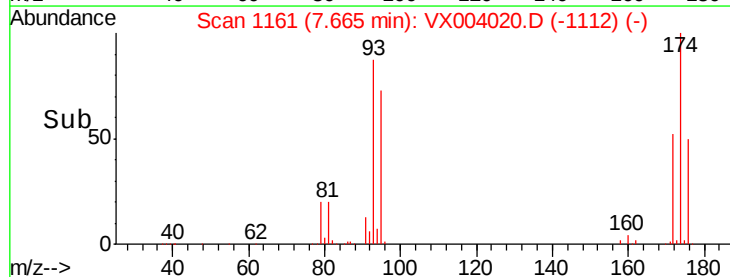
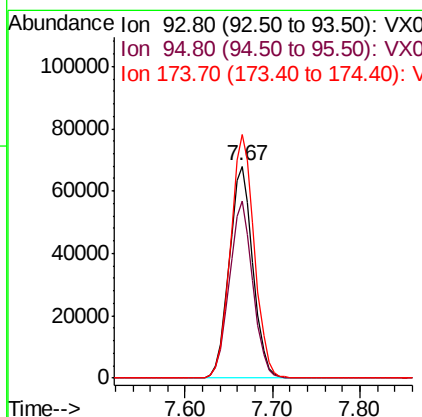
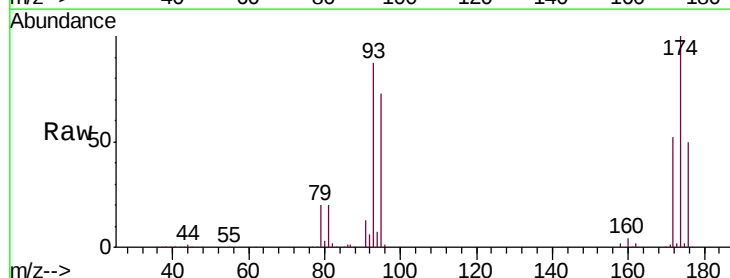
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICV0

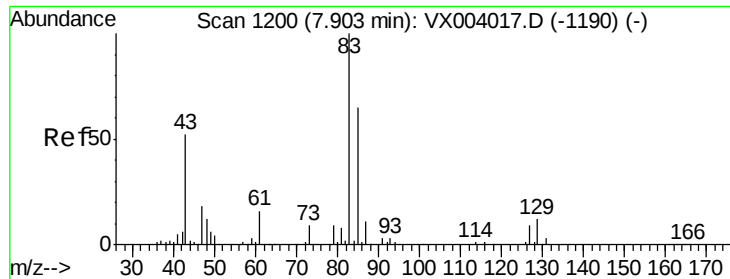
Tgt Ion: 63 Resp: 191131
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.9 35.9



#46
 Dibromomethane
 Concen: 49.701 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion: 93 Resp: 127206
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.5 99.7
 174 116.5 93.1 139.7





#47

Bromodichloromethane

Concen: 50.065 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

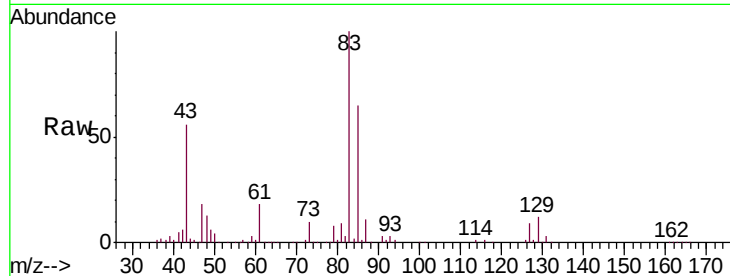
Tgt Ion: 83 Resp: 237476

Ion Ratio Lower Upper

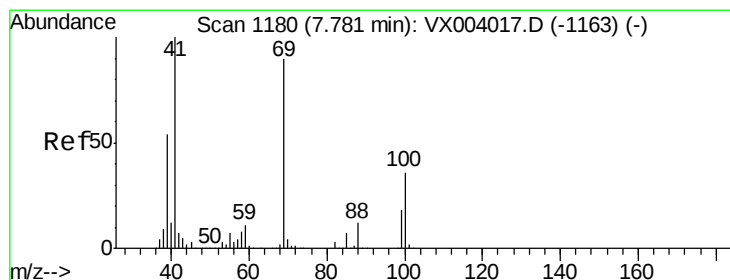
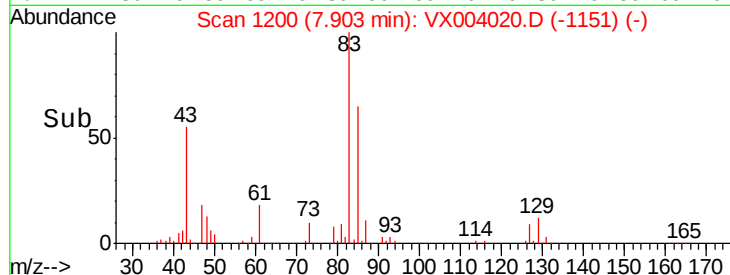
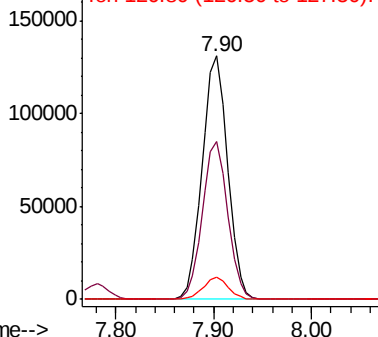
83 100

85 64.8 52.3 78.5

127 9.1 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: 52.540 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

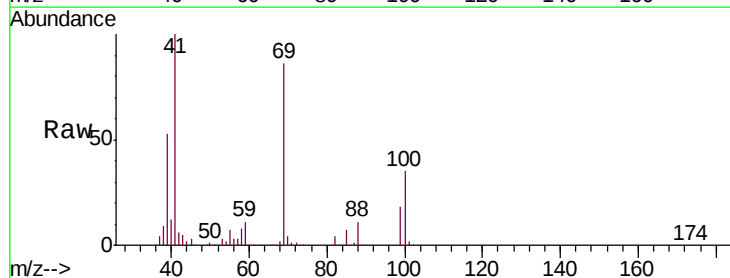
Tgt Ion: 41 Resp: 220320

Ion Ratio Lower Upper

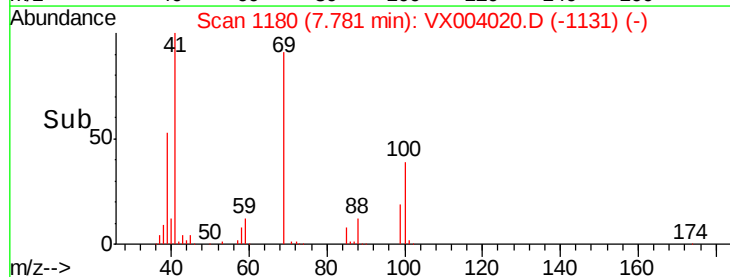
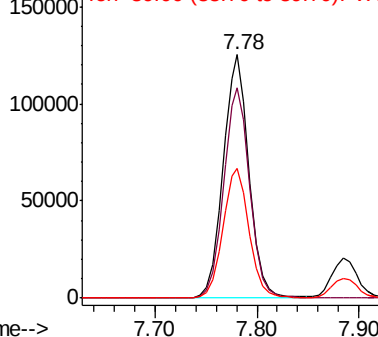
41 100

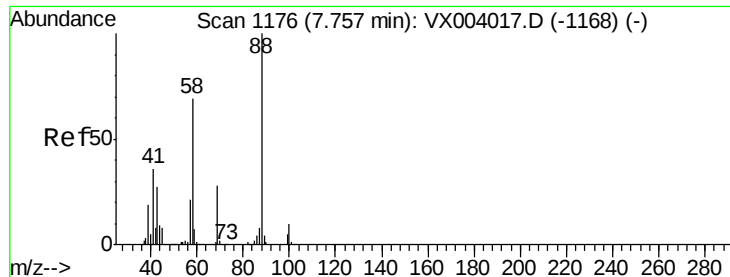
69 87.5 69.4 104.2

39 53.9 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

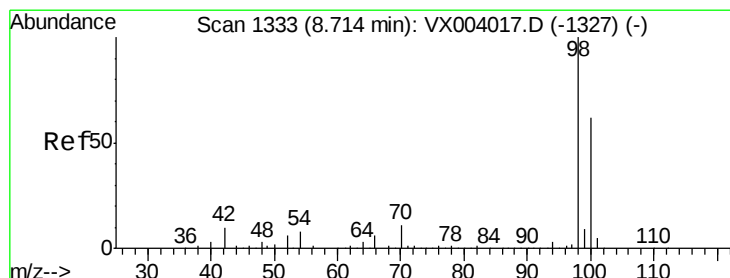
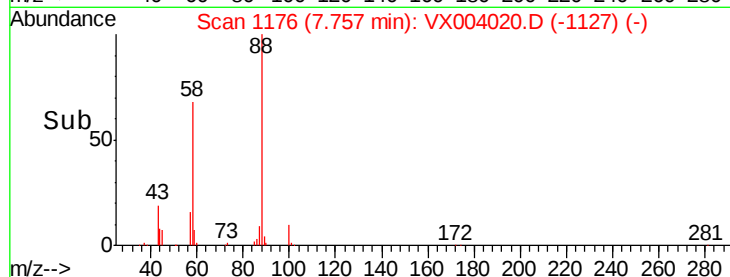
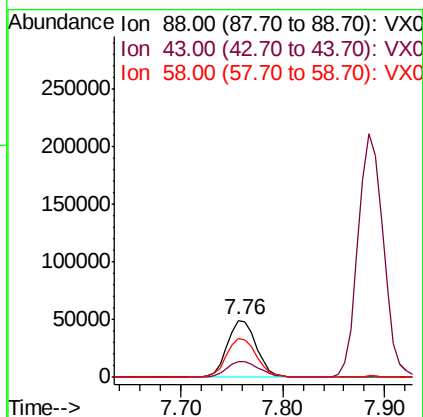
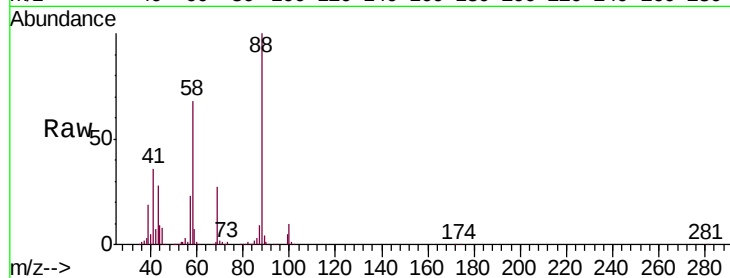




#49
1,4-Dioxane
Concen: 1031.321 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

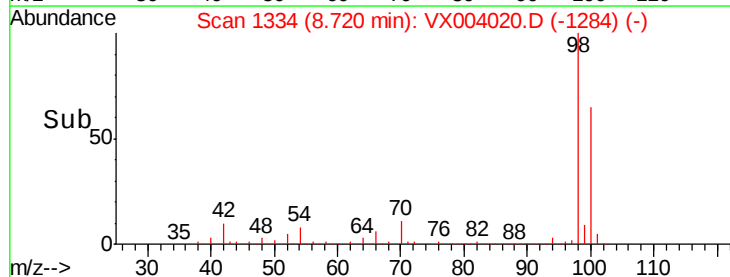
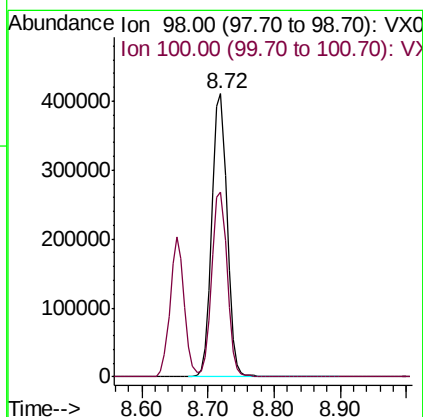
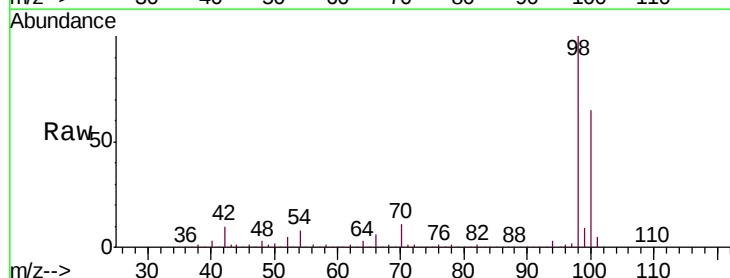
Instrument :
MSVOA_X
ClientSampled :
VSTDICV0

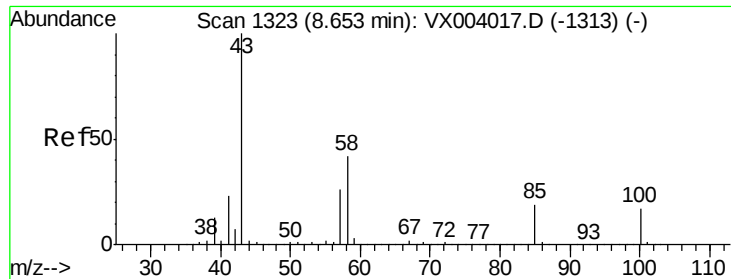
Tgt Ion: 88 Resp: 98065
Ion Ratio Lower Upper
88 100
43 30.9 24.6 37.0
58 70.3 55.8 83.8



#50
Toluene-d8
Concen: 50.392 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion: 98 Resp: 654062
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 256.984 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

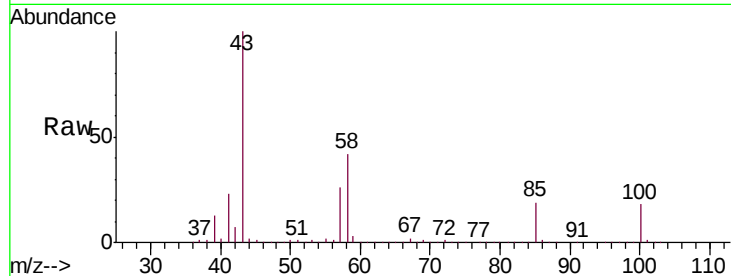
VSTDICV0

Tgt Ion: 43 Resp: 1768943

Ion Ratio Lower Upper

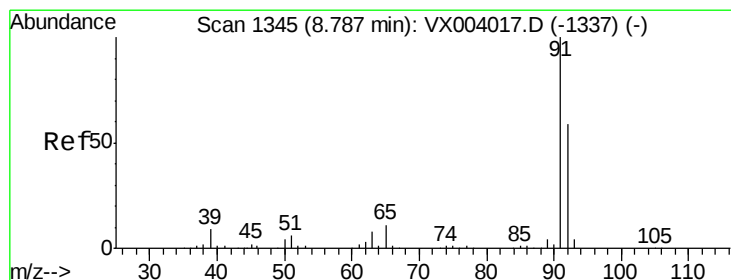
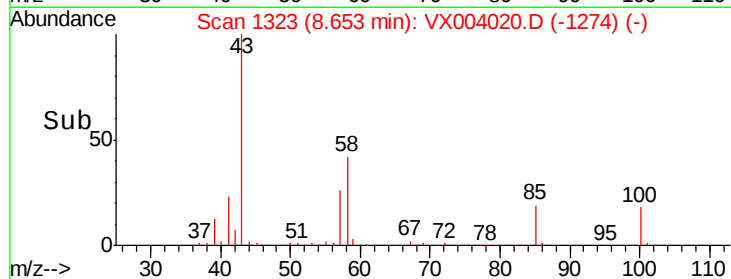
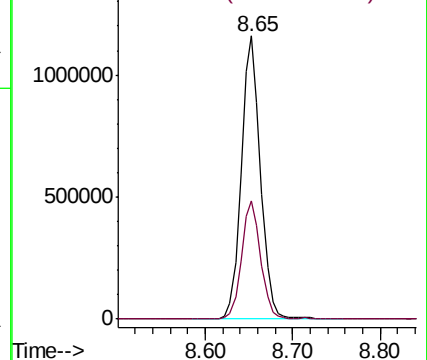
43 100

58 41.6 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.234 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004020.D

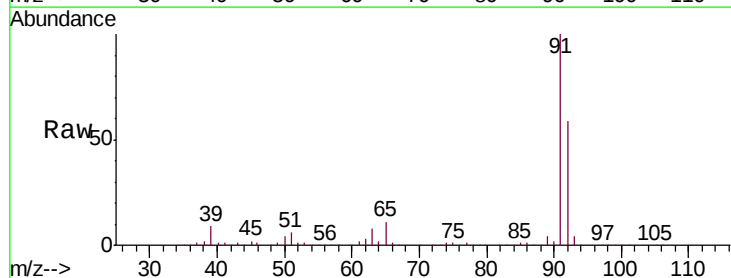
Acq: 14 Aug 2018 02:17

Tgt Ion: 92 Resp: 462309

Ion Ratio Lower Upper

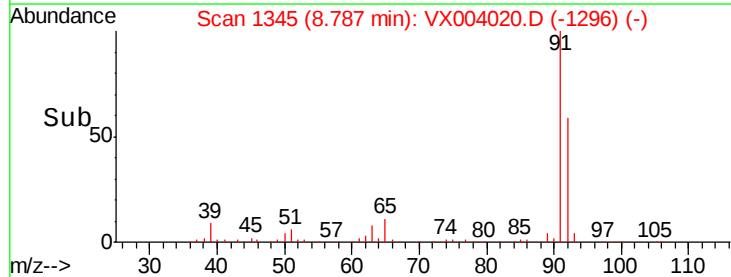
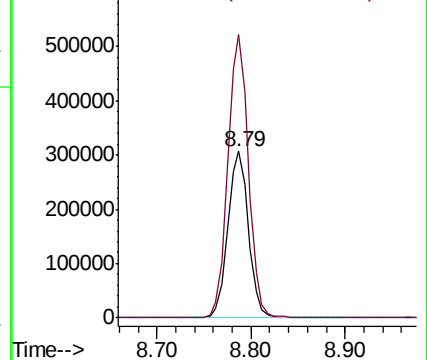
92 100

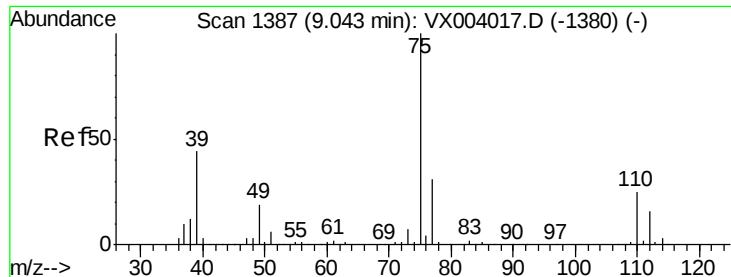
91 170.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

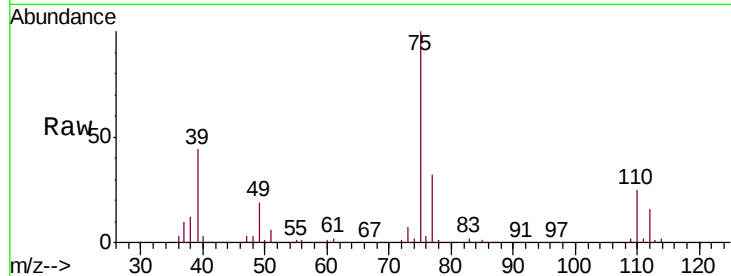




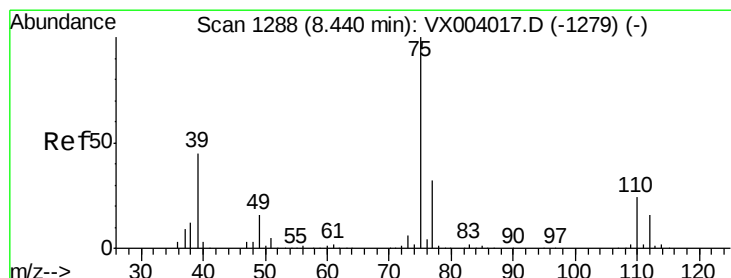
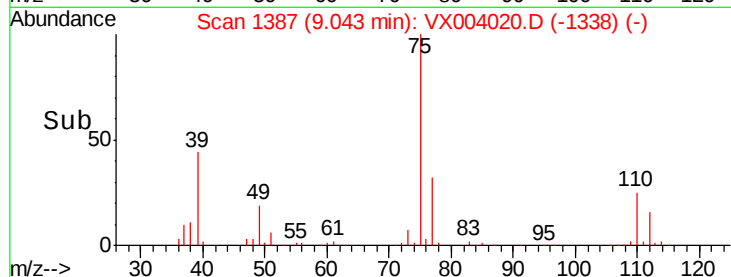
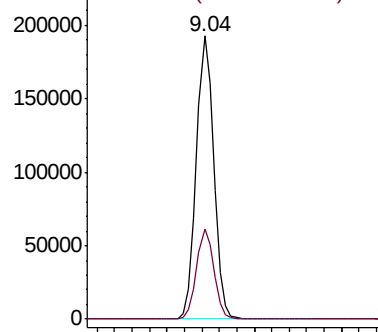
#53
 t-1,3-Dichloropropene
 Concen: 53.793 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

Tgt Ion: 75 Resp: 265981
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4

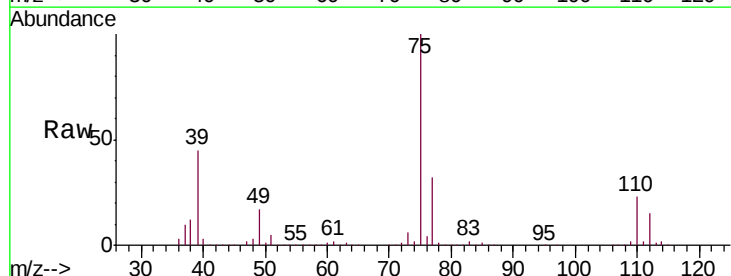


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

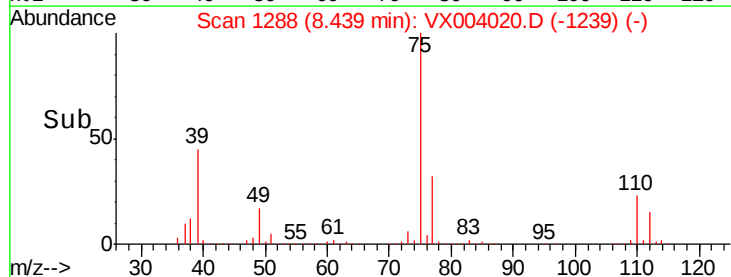
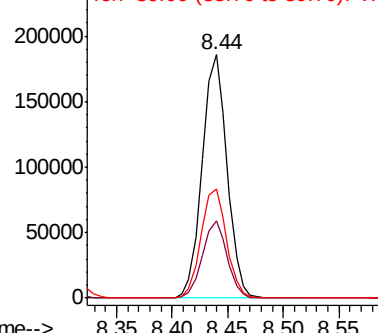


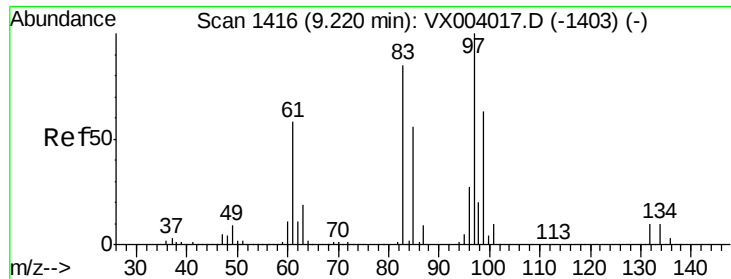
#54
 cis-1,3-Dichloropropene
 Concen: 52.653 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion: 75 Resp: 286923
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2
 39 44.5 35.6 53.4



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

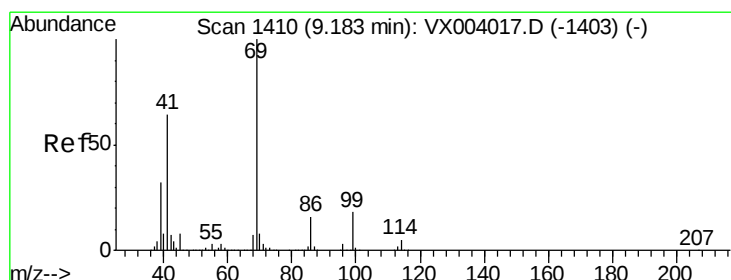
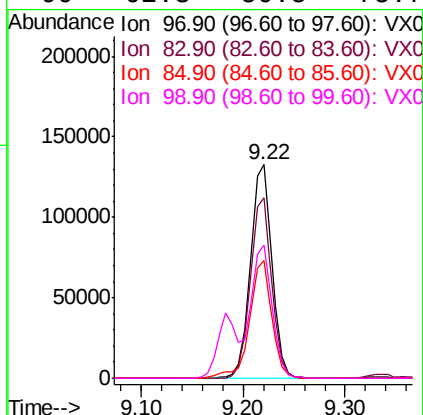
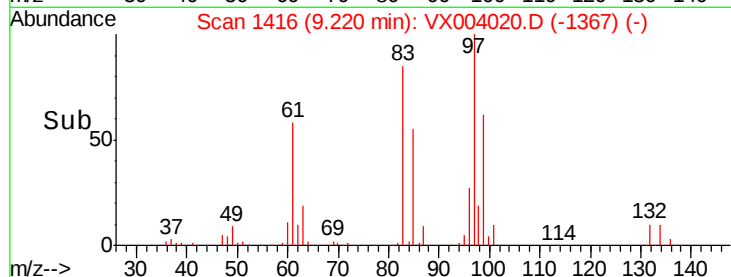
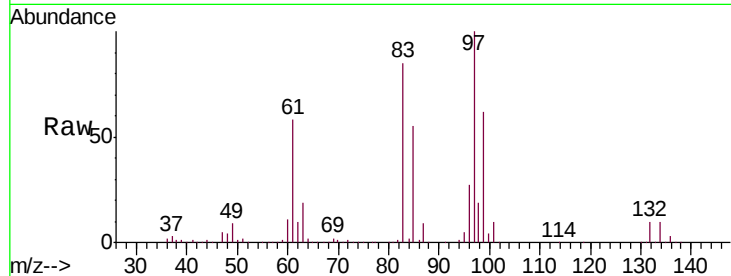




#55
 1,1,2-Trichloroethane
 Concen: 49.403 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

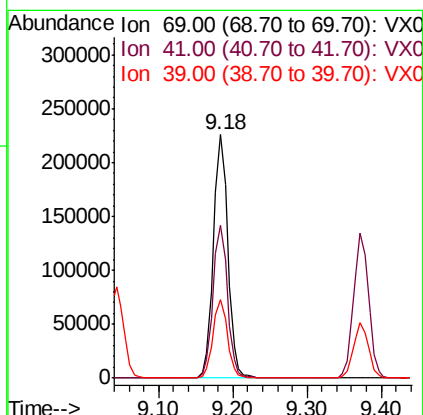
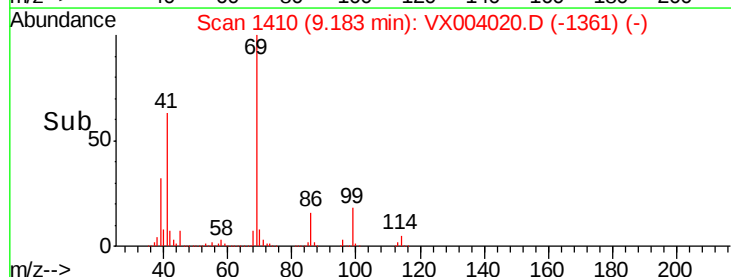
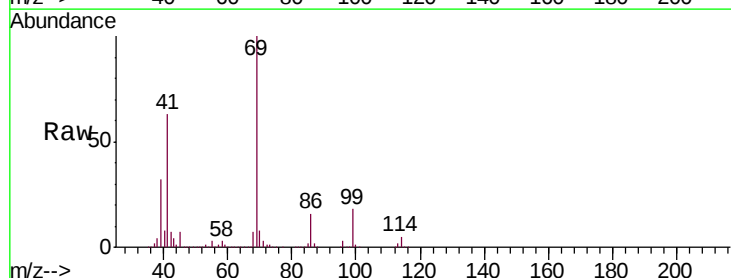
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

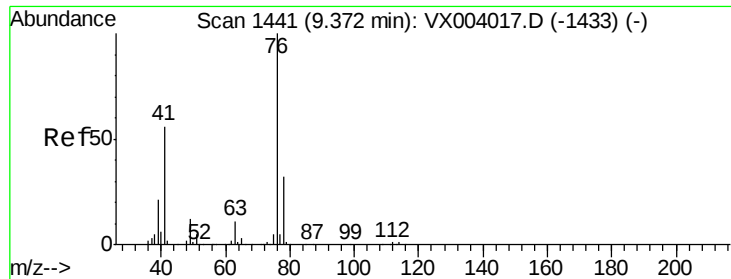
Tgt Ion:	97	Resp:	197010
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.0	102.0
85	55.1	44.6	66.8
99	62.3	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 48.681 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion:	69	Resp:	300696
Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.7	76.1
39	32.4	26.3	39.5





#57

1,3-Dichloropropane

Concen: 50.572 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

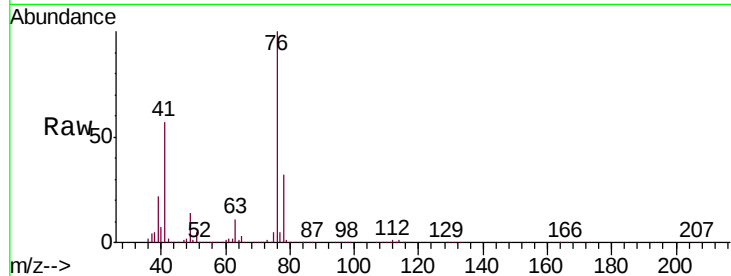
VSTDICV0

Tgt Ion: 76 Resp: 332433

Ion Ratio Lower Upper

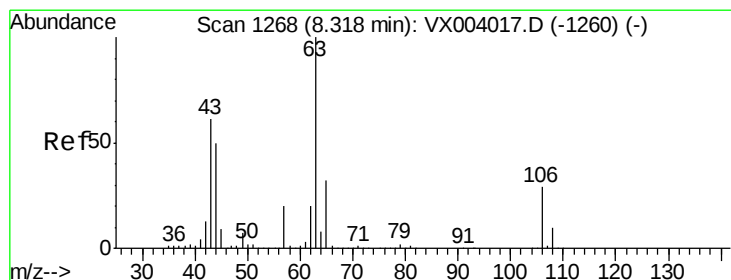
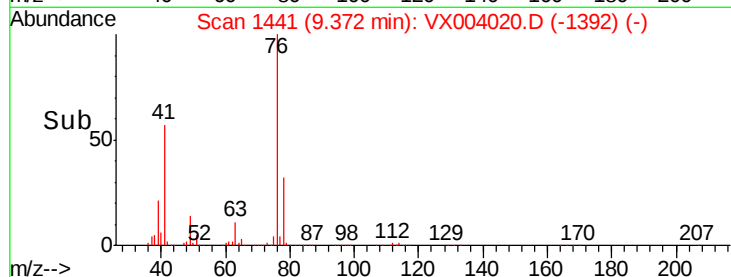
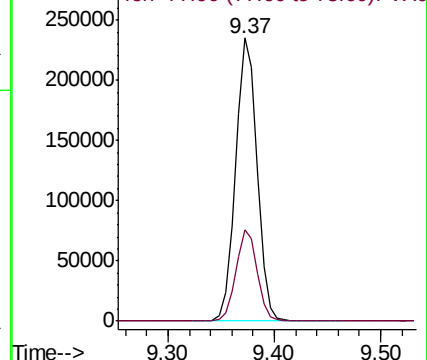
76 100

78 32.1 25.7 38.5



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: 244.895 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX004020.D

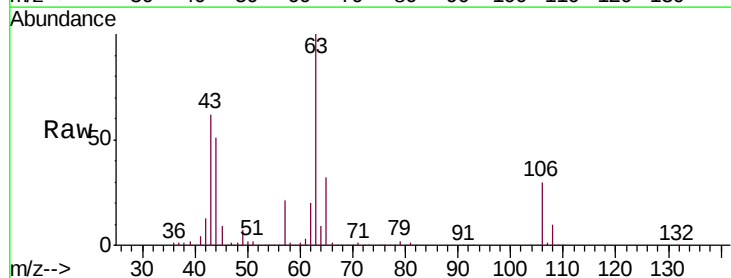
Acq: 14 Aug 2018 02:17

Tgt Ion: 63 Resp: 766534

Ion Ratio Lower Upper

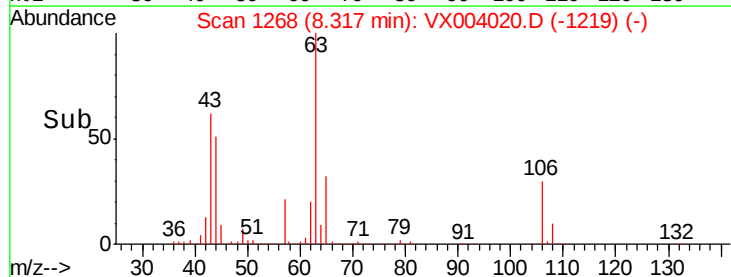
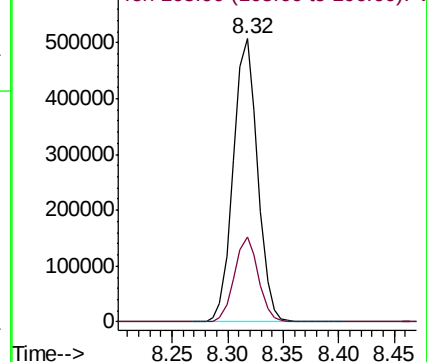
63 100

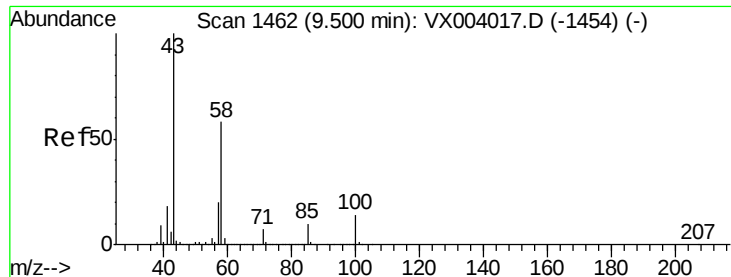
106 29.6 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

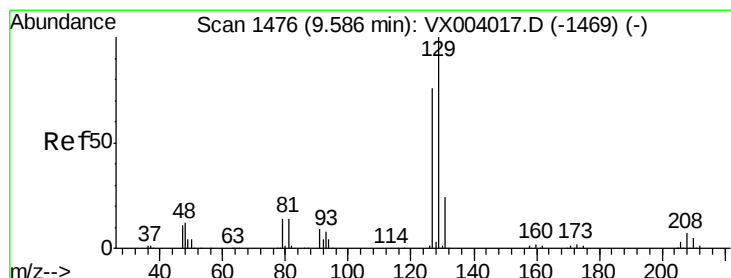
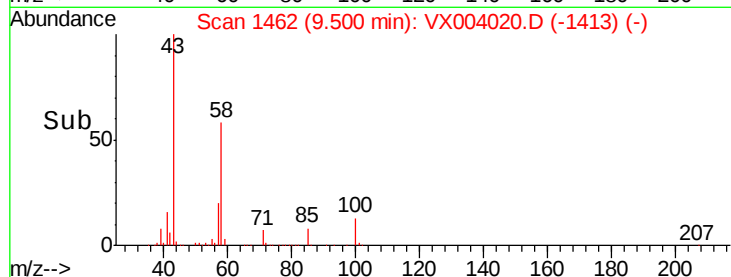
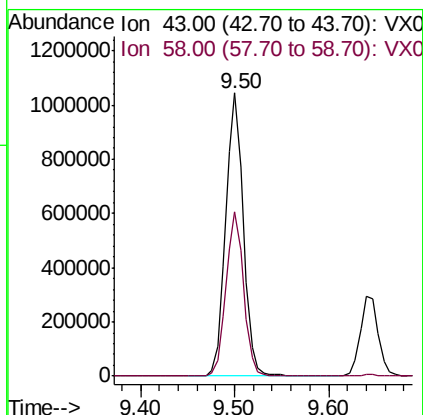
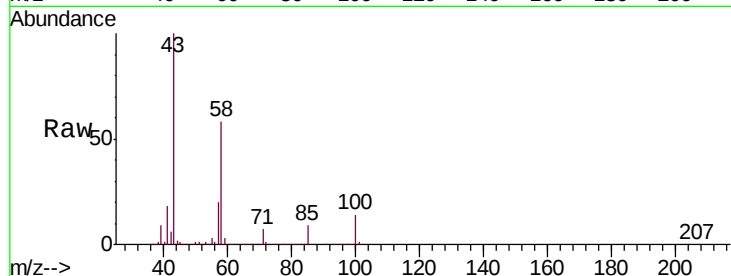




#59
2-Hexanone
Concen: 261.646 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

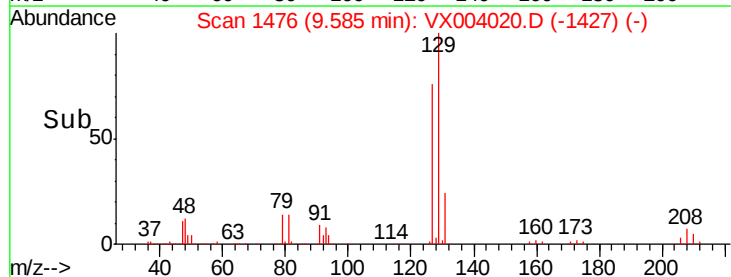
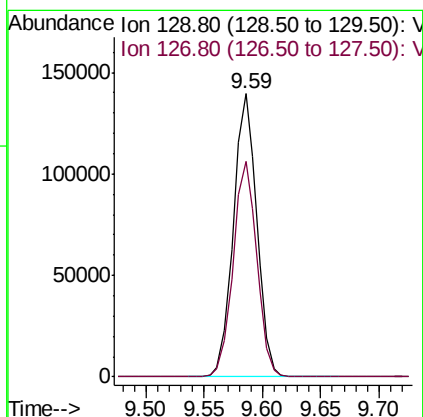
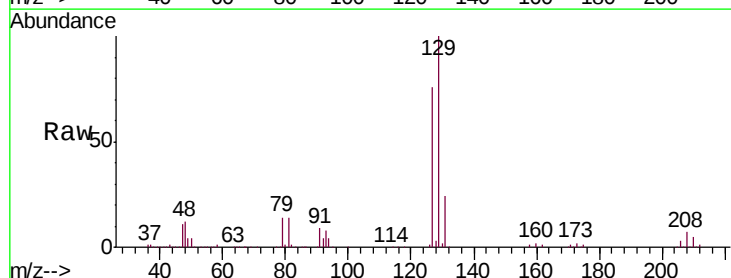
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

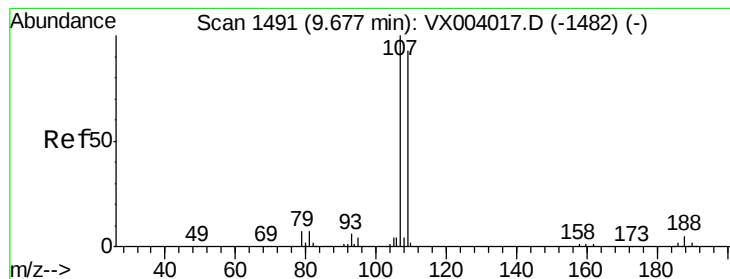
Tgt Ion: 43 Resp: 1357217
Ion Ratio Lower Upper
43 100
58 57.9 28.8 86.5



#60
Dibromochloromethane
Concen: 51.419 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion: 129 Resp: 195984
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.474 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

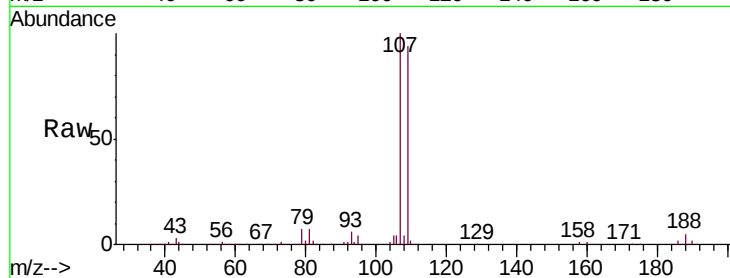
VSTDICV0

Tgt Ion: 107 Resp: 207676

Ion Ratio Lower Upper

107 100

109 93.5 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

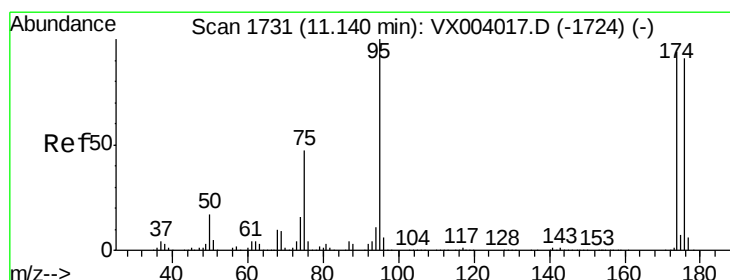
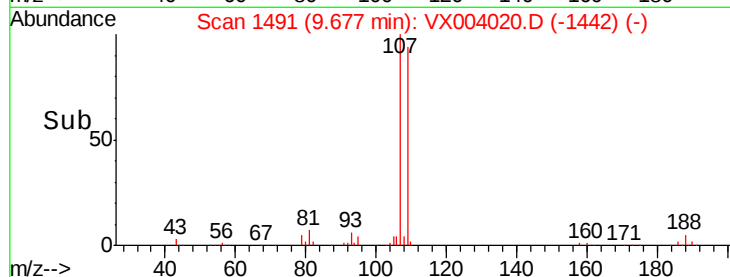
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 51.643 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

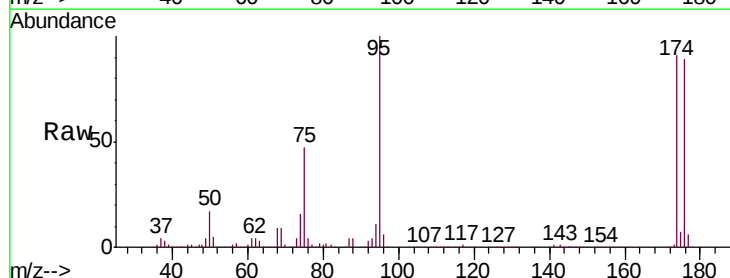
Tgt Ion: 95 Resp: 251060

Ion Ratio Lower Upper

95 100

174 90.2 0.0 182.8

176 87.3 0.0 177.2



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

11.14

250000

200000

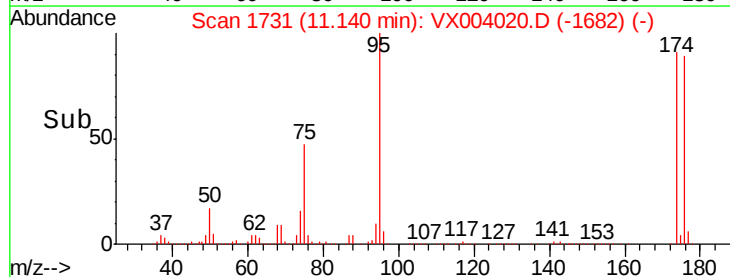
150000

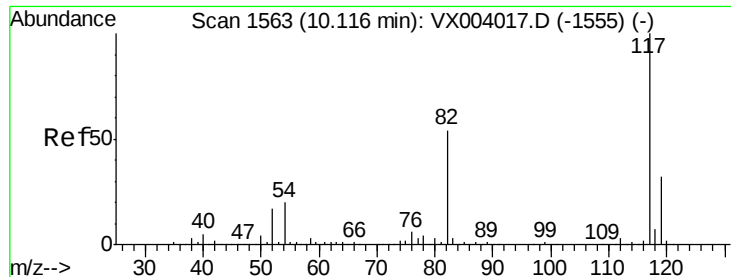
100000

50000

0

Time--> 11.10 11.20

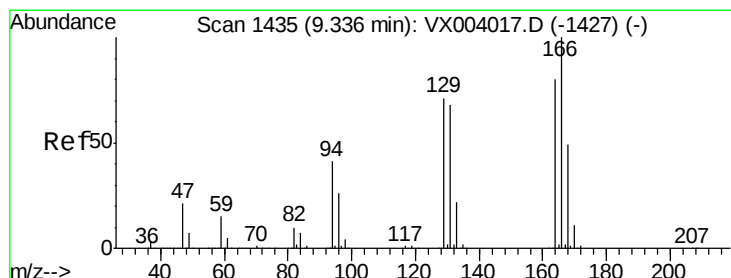
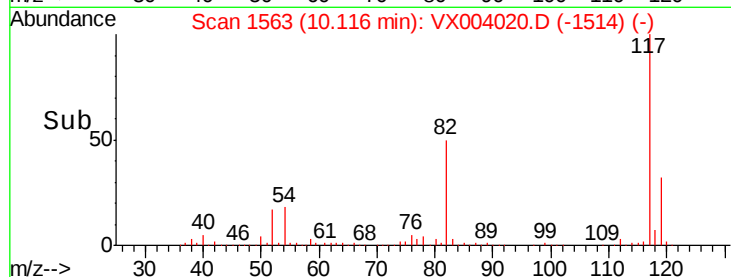
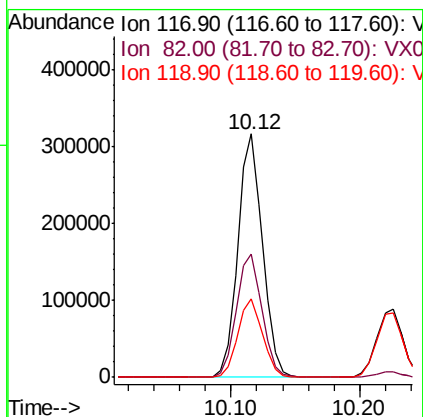
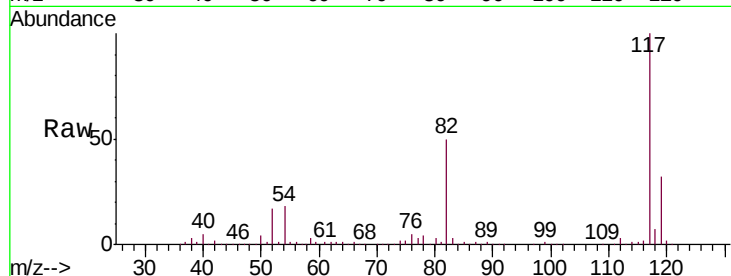




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

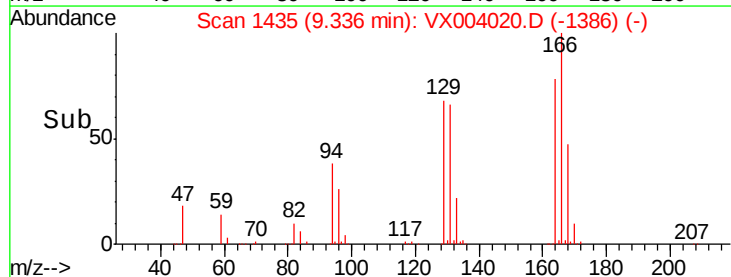
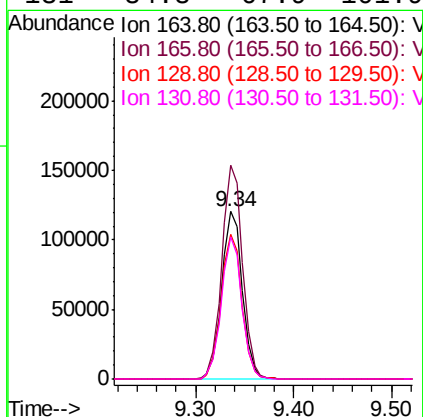
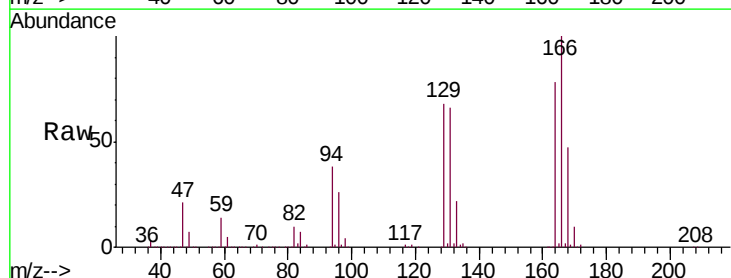
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

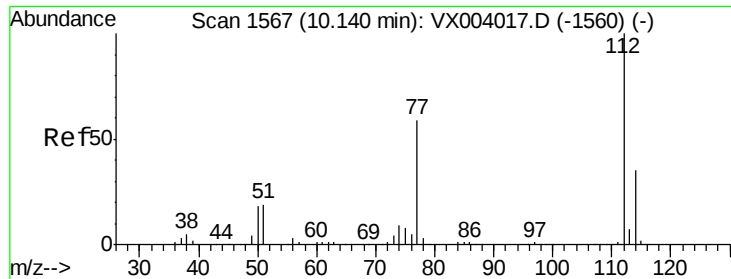
Tgt Ion:117 Resp: 418064
Ion Ratio Lower Upper
117 100
82 50.4 42.9 64.3
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 48.771 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion:164 Resp: 176610
Ion Ratio Lower Upper
164 100
166 127.8 99.5 149.3
129 86.8 70.4 105.6
131 84.8 67.9 101.9

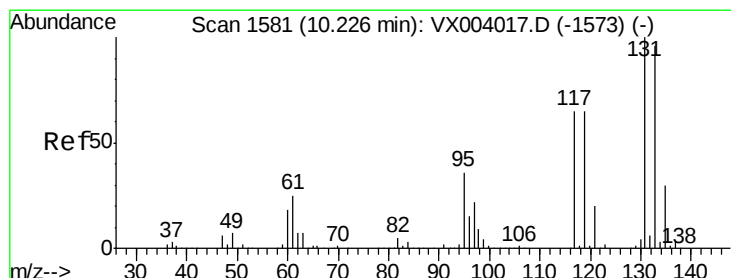
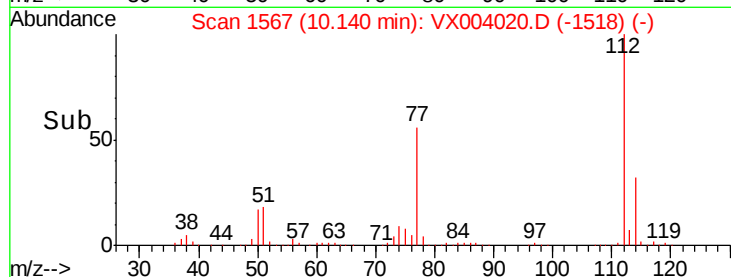
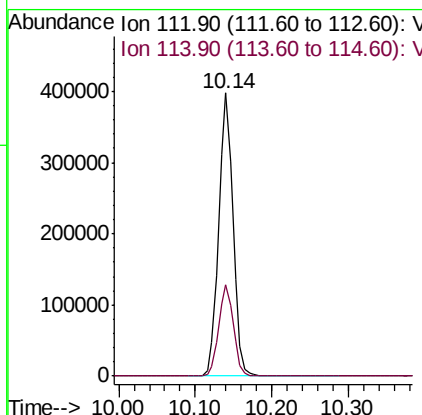
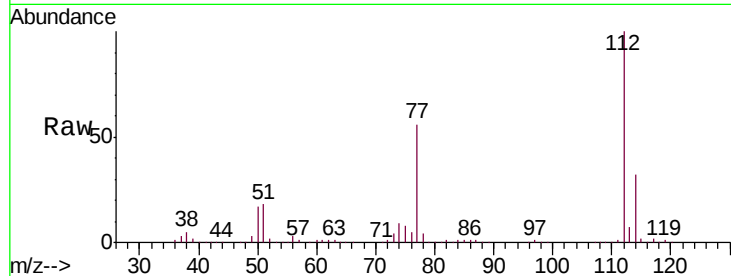




#65
Chlorobenzene
Concen: 49.094 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

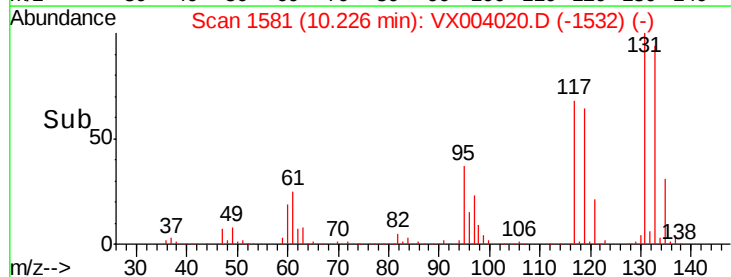
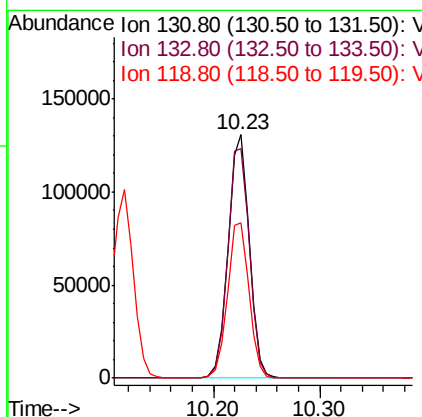
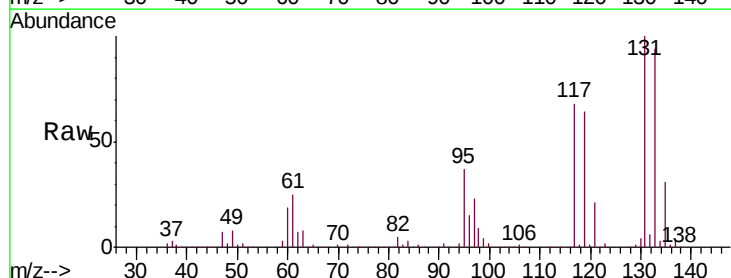
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

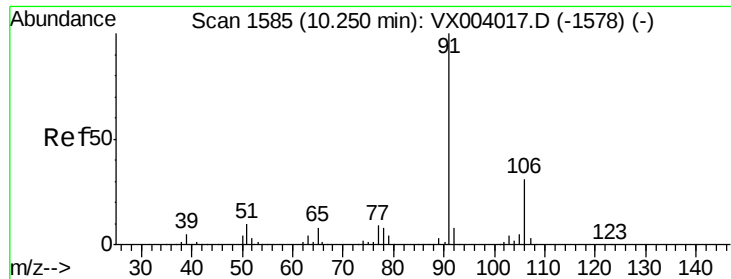
Tgt Ion:112 Resp: 515393
Ion Ratio Lower Upper
112 100
114 32.5 27.6 41.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.004 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion:131 Resp: 181028
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.7
119 65.6 32.0 96.0

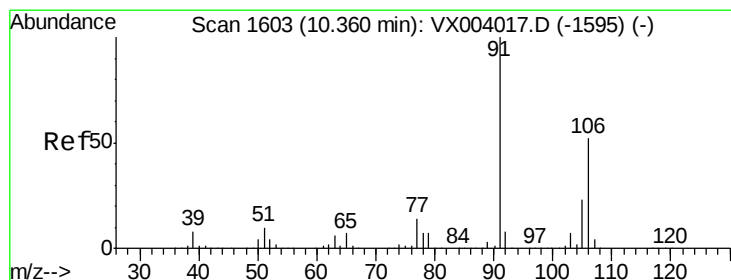
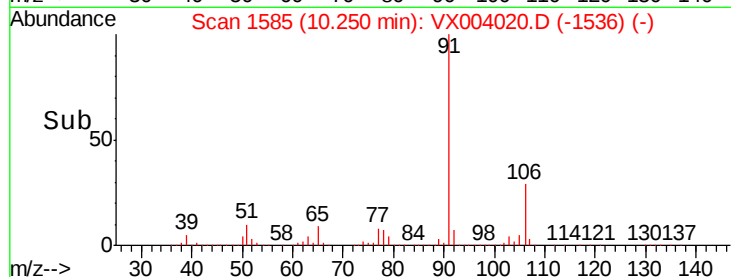
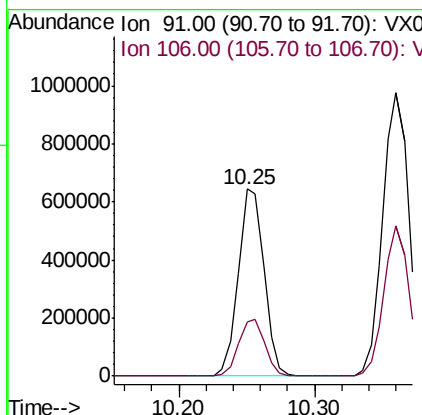
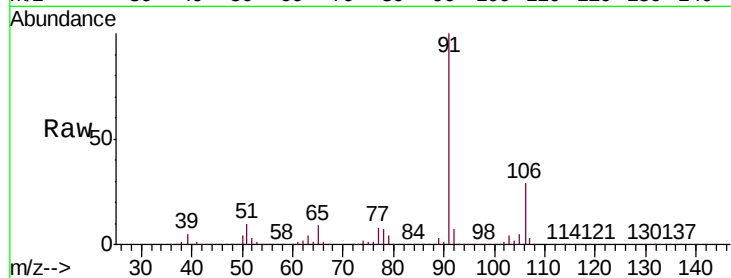




#67
Ethyl Benzene
Concen: 52.700 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

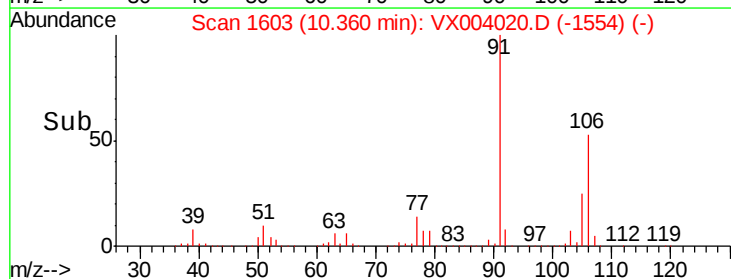
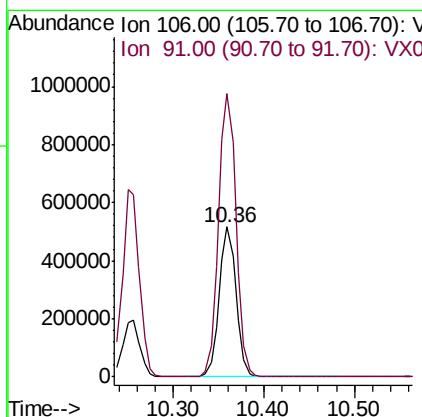
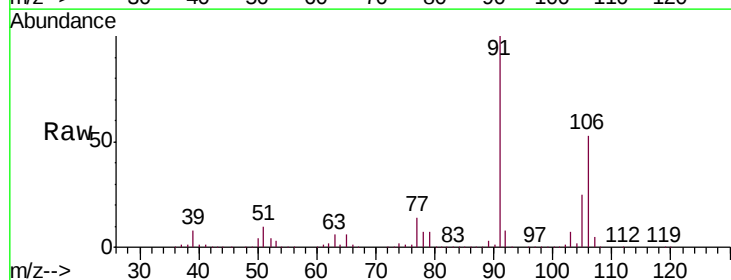
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

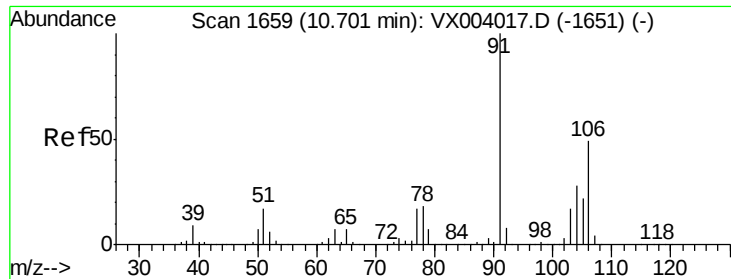
Tgt Ion: 91 Resp: 851607
Ion Ratio Lower Upper
91 100
106 29.1 24.5 36.7



#68
m/p-Xylenes
Concen: 104.760 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion: 106 Resp: 674762
Ion Ratio Lower Upper
106 100
91 196.1 155.0 232.6

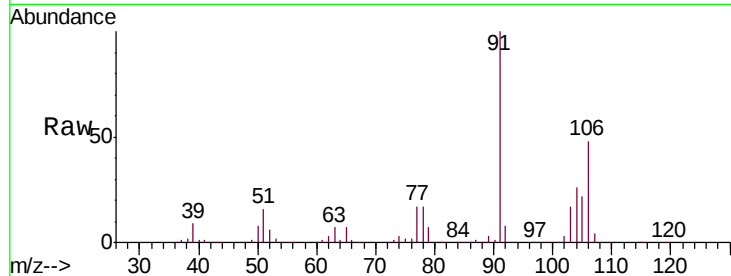




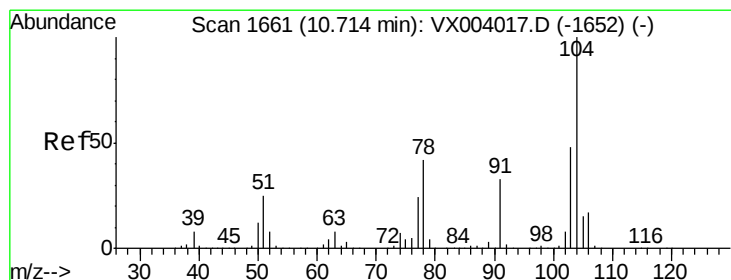
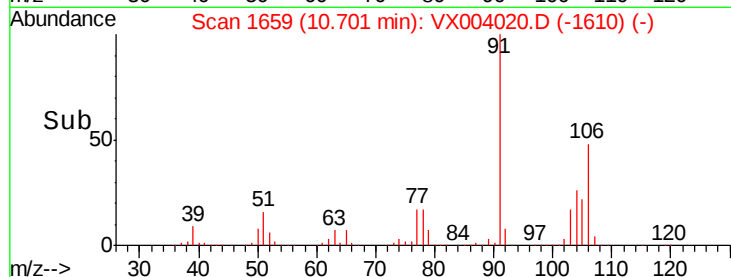
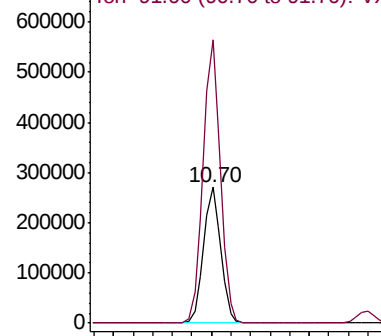
#69
o-Xylene
Concen: 53.888 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

Tgt Ion:106 Resp: 332971
Ion Ratio Lower Upper
106 100
91 208.7 103.6 310.9

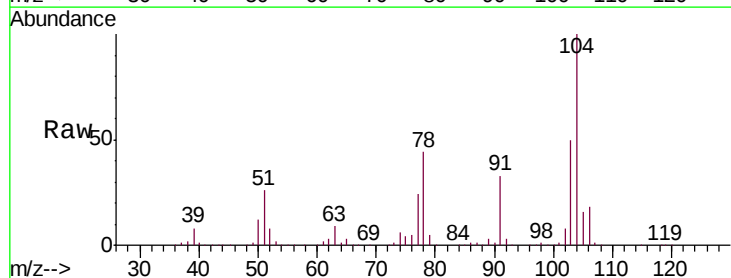


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

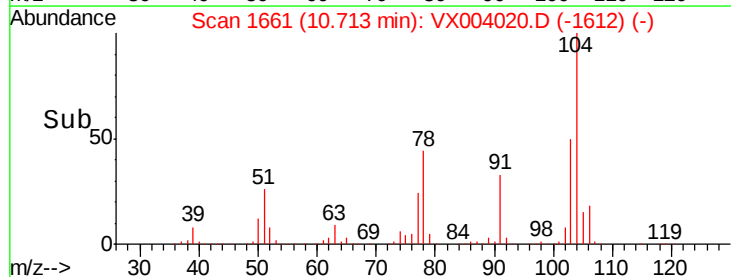
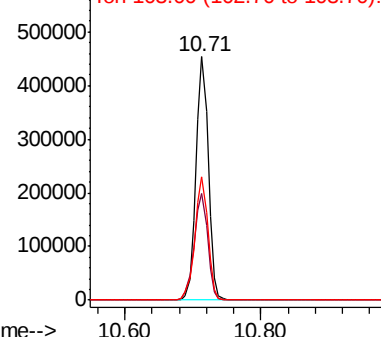


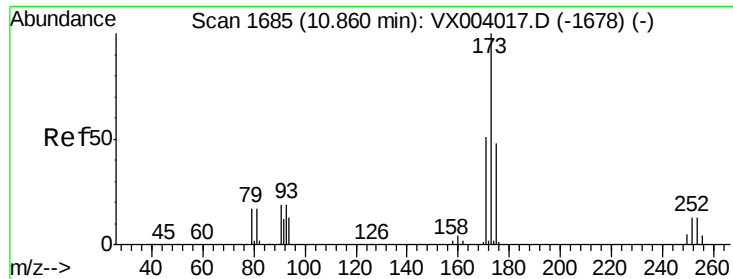
#70
Styrene
Concen: 49.479 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion:104 Resp: 569884
Ion Ratio Lower Upper
104 100
78 48.1 37.5 56.3
103 53.7 42.0 63.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

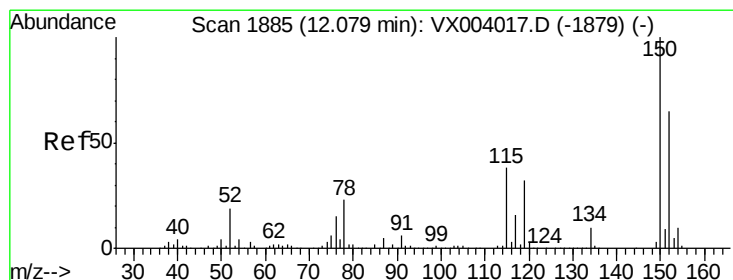
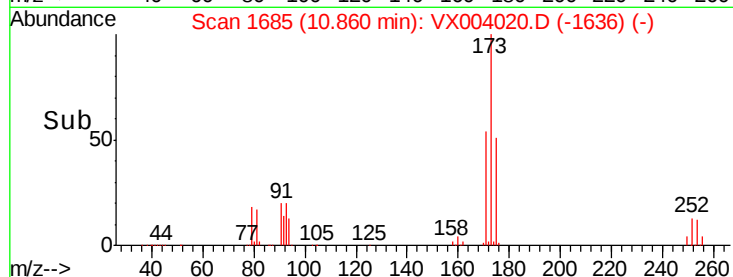
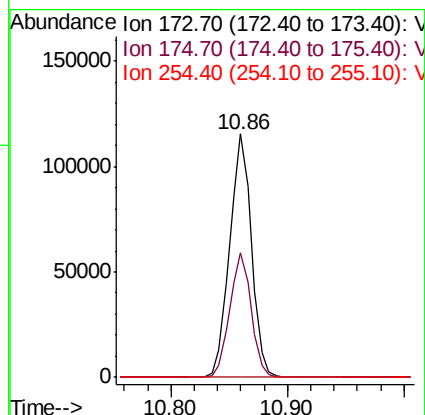
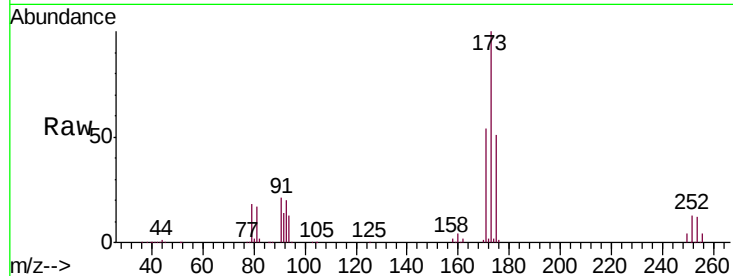




#71
Bromoform
Concen: 50.266 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

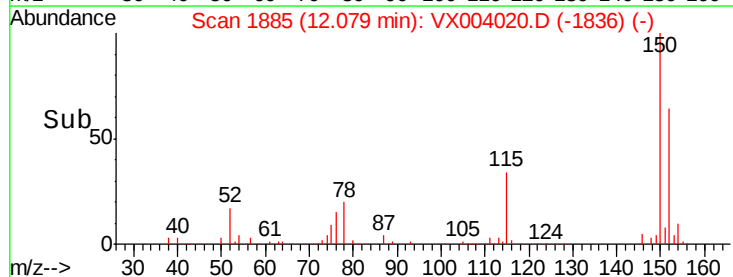
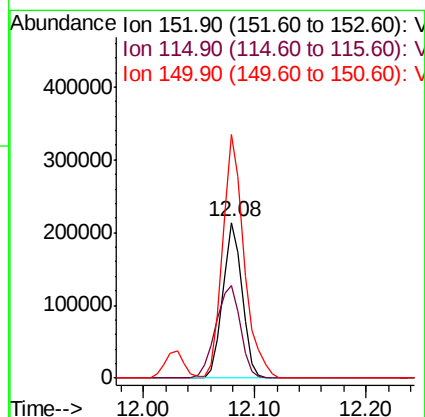
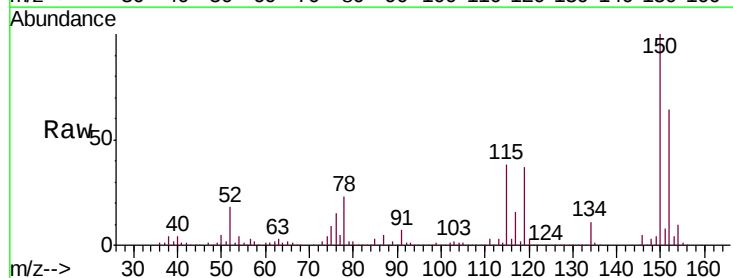
Instrument :
MSVOA_X
ClientSampled :
VSTDICV0

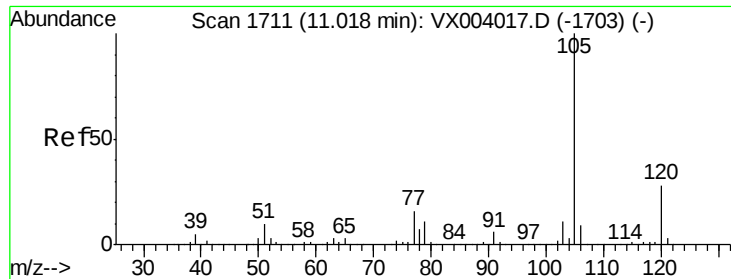
Tgt Ion:173 Resp: 149445
Ion Ratio Lower Upper
173 100
175 50.4 24.5 73.5
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion:152 Resp: 256429
Ion Ratio Lower Upper
152 100
115 76.0 37.3 111.8
150 173.6 0.0 346.8





#73

Isopropylbenzene

Concen: 53.085 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

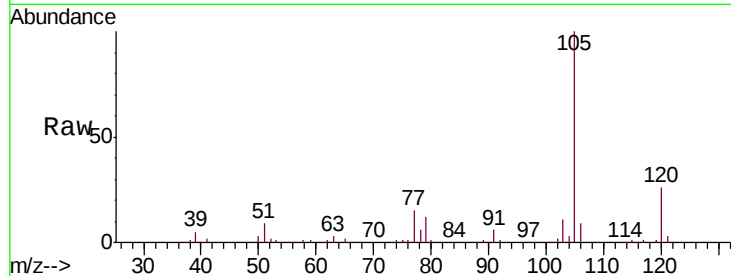
VSTDICV0

Tgt Ion:105 Resp: 835482

Ion Ratio Lower Upper

105 100

120 27.0 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

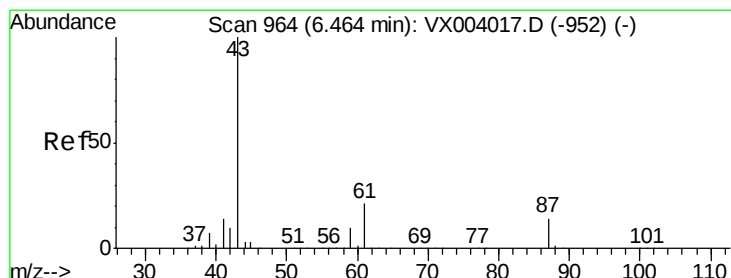
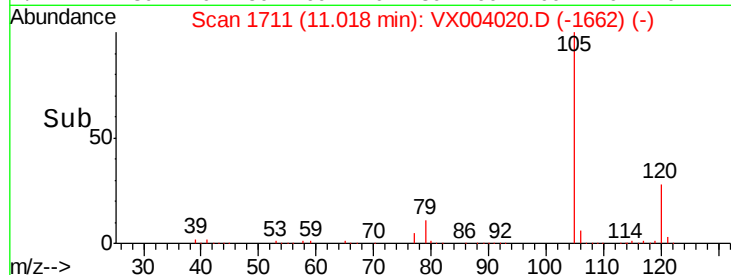
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 48.884 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Tgt Ion: 43 Resp: 429630

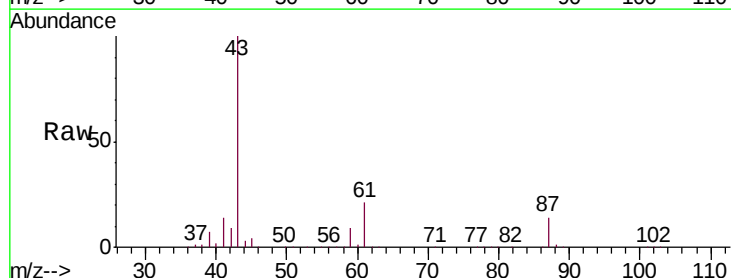
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 21.3 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.46

250000

200000

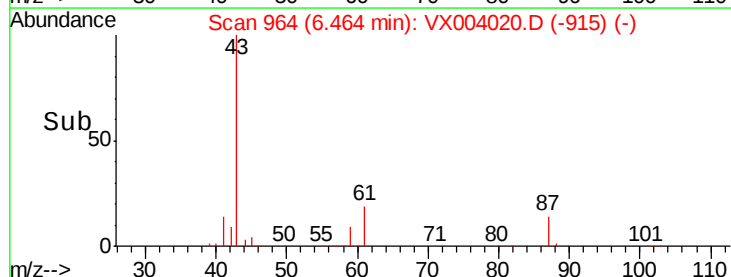
150000

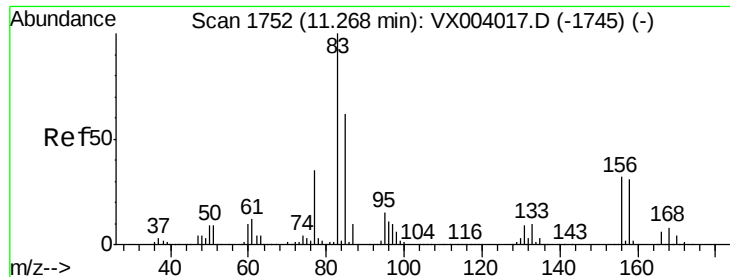
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.957 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampled :

VSTDICV0

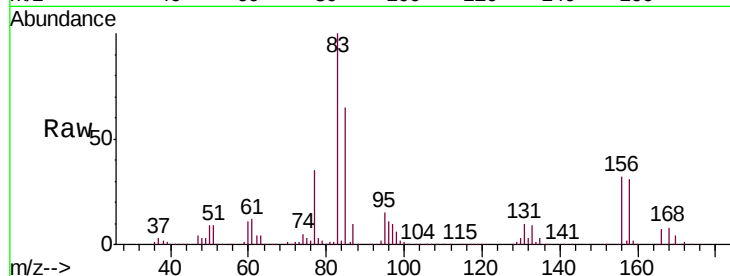
Tgt Ion: 83 Resp: 309062

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

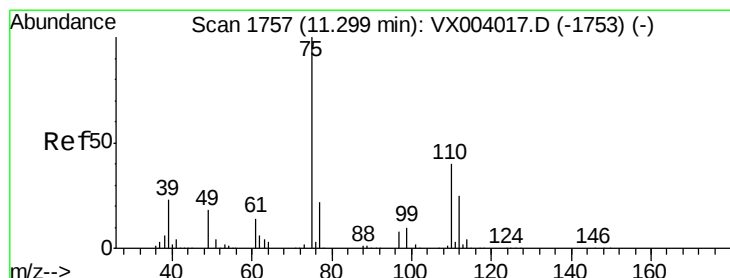
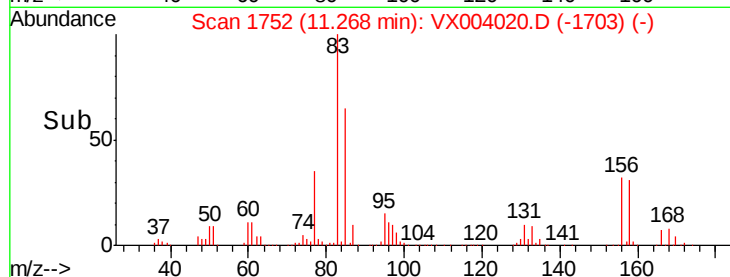
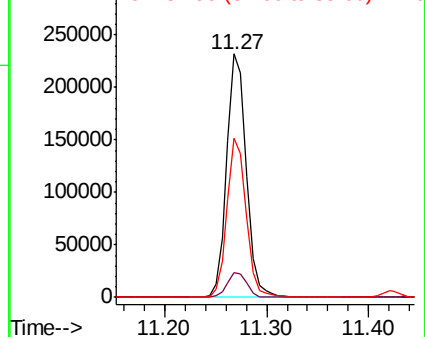
85 64.1 32.0 96.2



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: 60.386 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004020.D

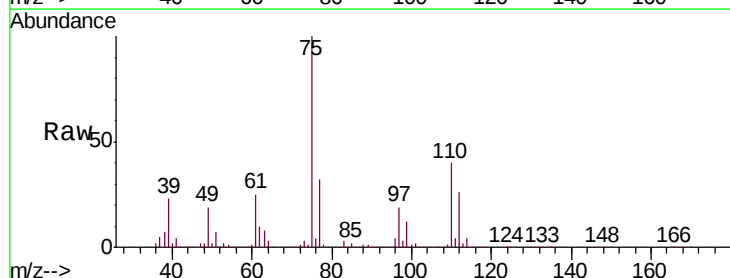
Acq: 14 Aug 2018 02:17

Tgt Ion: 75 Resp: 338165

Ion Ratio Lower Upper

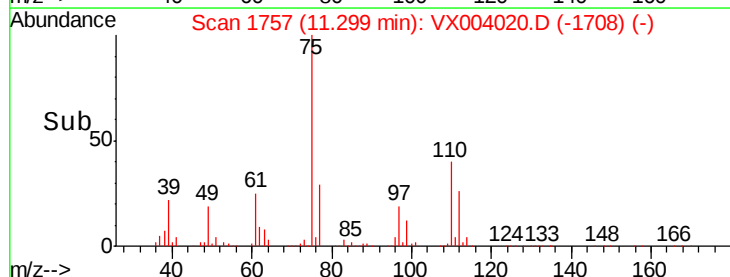
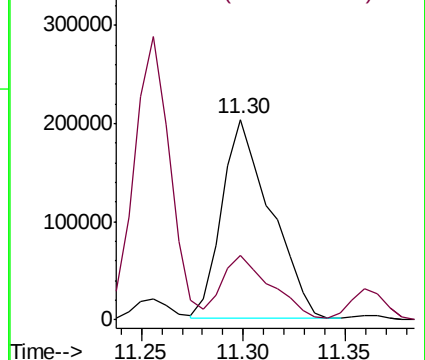
75 100

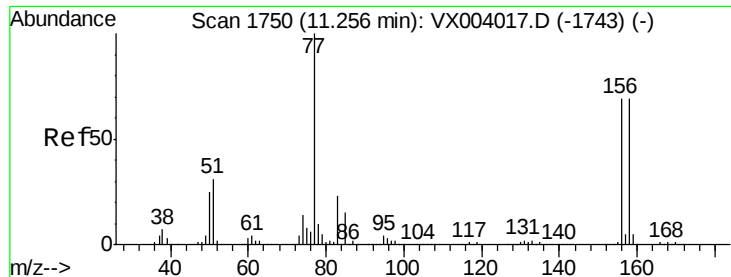
77 32.3 19.8 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.979 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

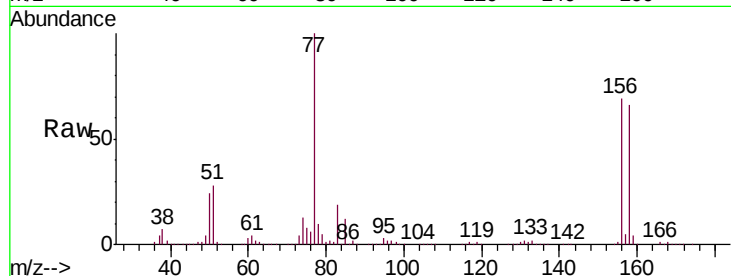
Tgt Ion:156 Resp: 244926

Ion Ratio Lower Upper

156 100

77 144.2 73.1 219.3

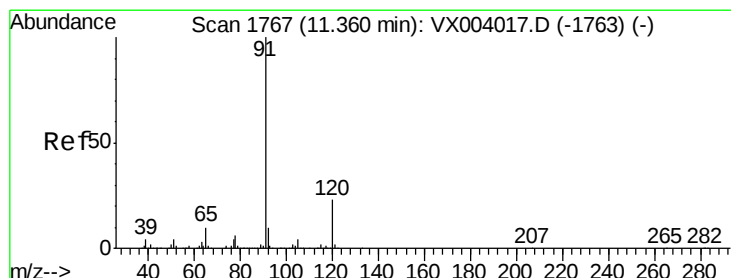
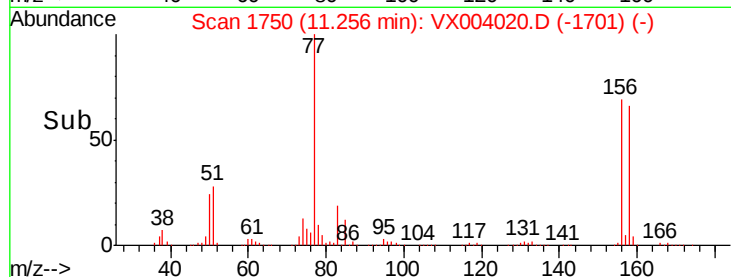
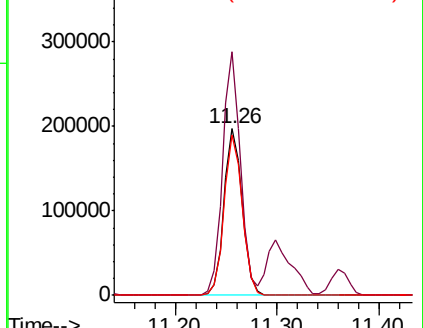
158 96.2 48.9 146.8



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: 54.031 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004020.D

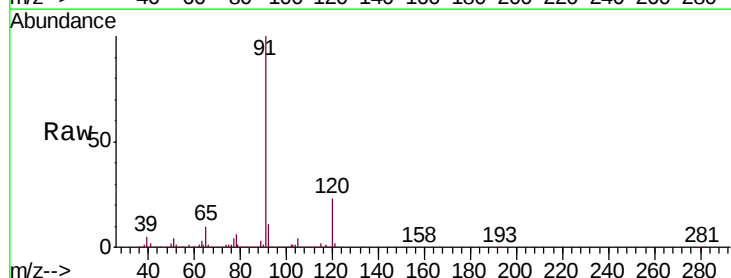
Acq: 14 Aug 2018 02:17

Tgt Ion: 91 Resp: 959113

Ion Ratio Lower Upper

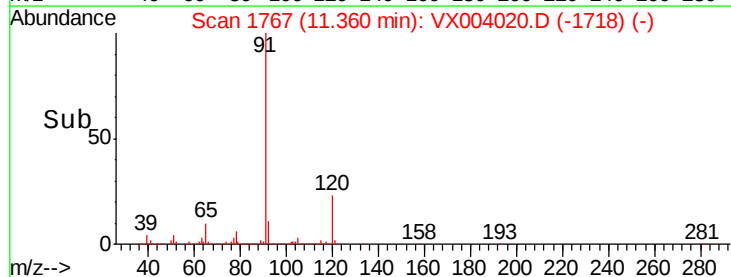
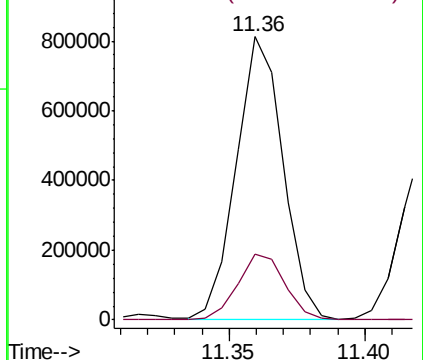
91 100

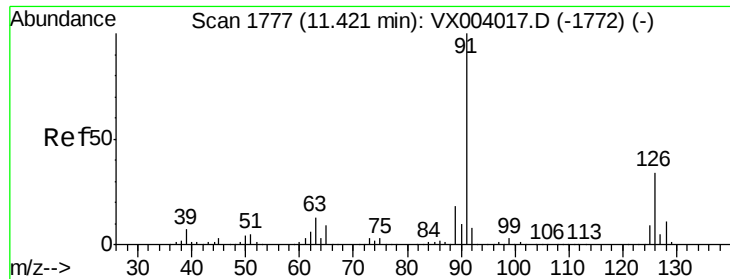
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

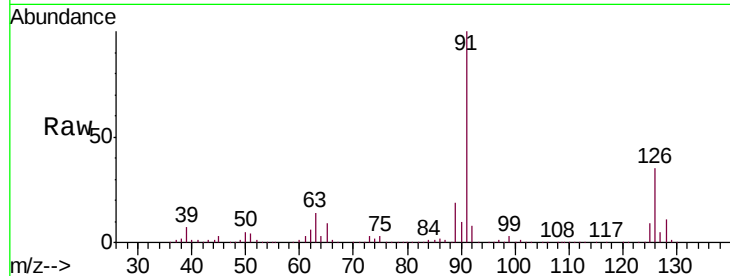




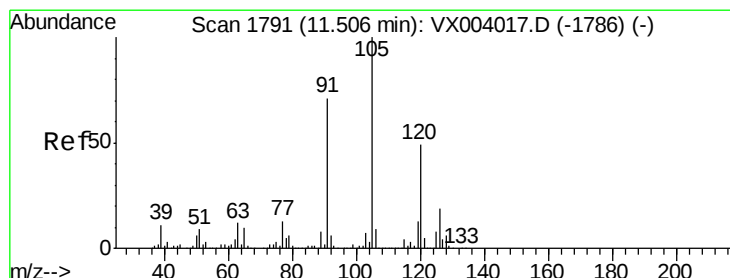
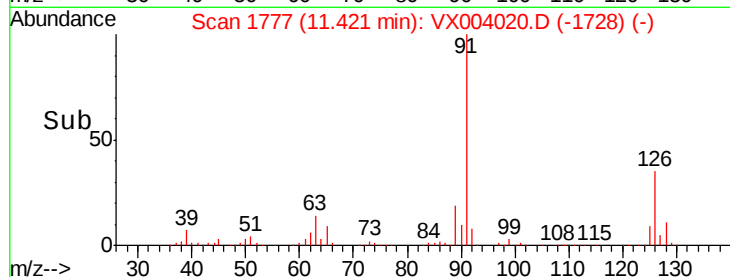
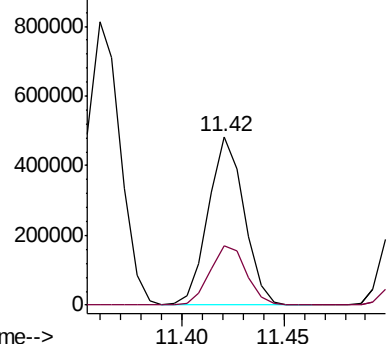
#79
 2-Chlorotoluene
 Concen: 50.413 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

Tgt Ion: 91 Resp: 584436
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.5 52.6

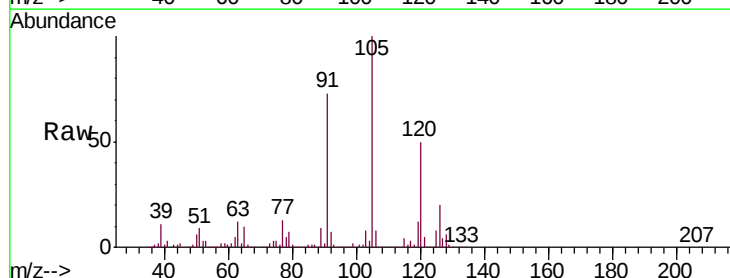


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

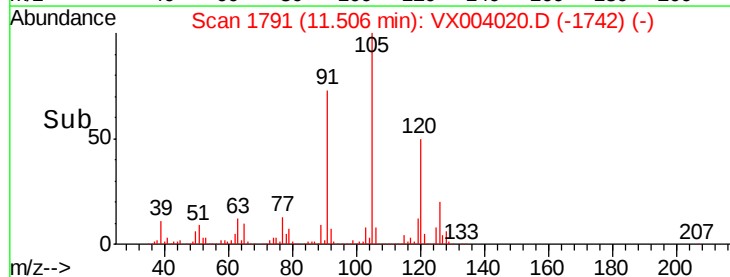
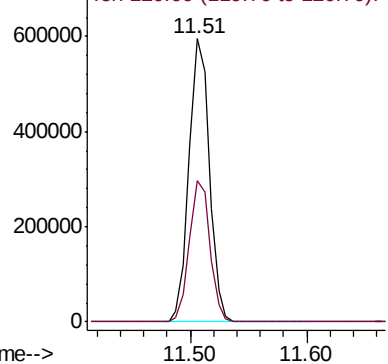


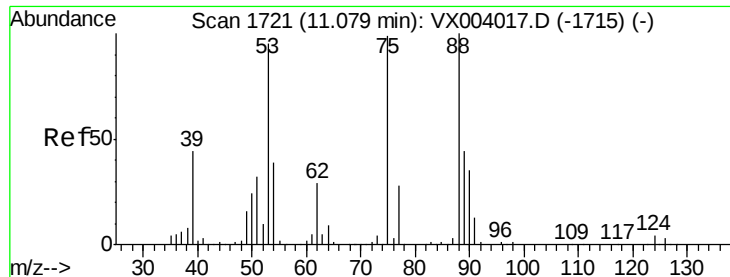
#80
 1,3,5-Trimethylbenzene
 Concen: 54.169 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion: 105 Resp: 713447
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.4 76.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 52.762 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX004020.D

Acq: 14 Aug 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV0

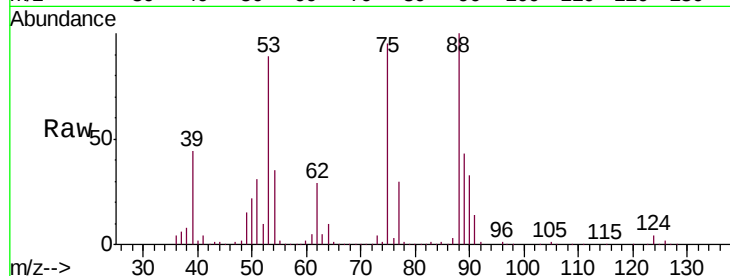
Tgt Ion: 75 Resp: 83446

Ion Ratio Lower Upper

75 100

53 97.6 81.0 121.6

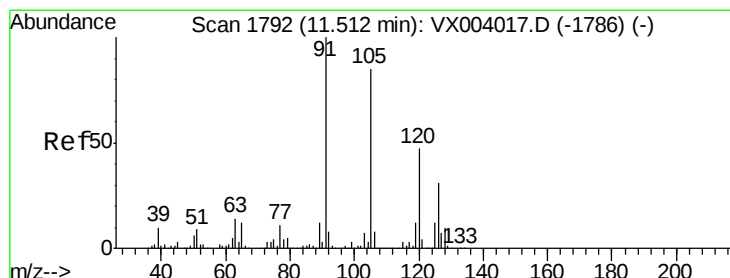
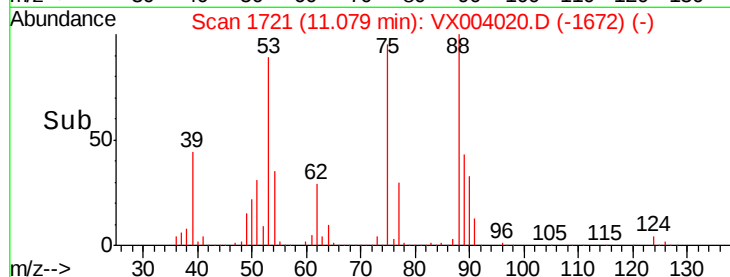
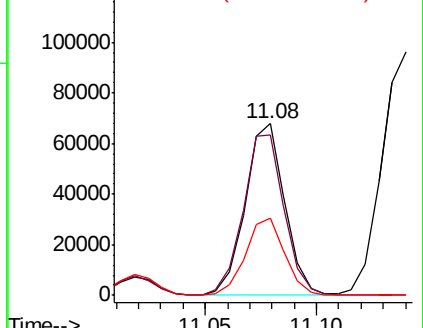
89 45.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.547 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004020.D

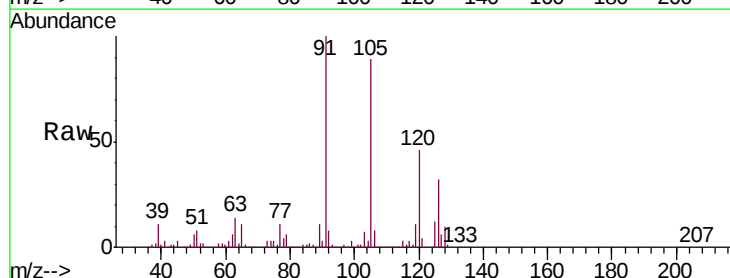
Acq: 14 Aug 2018 02:17

Tgt Ion: 91 Resp: 710340

Ion Ratio Lower Upper

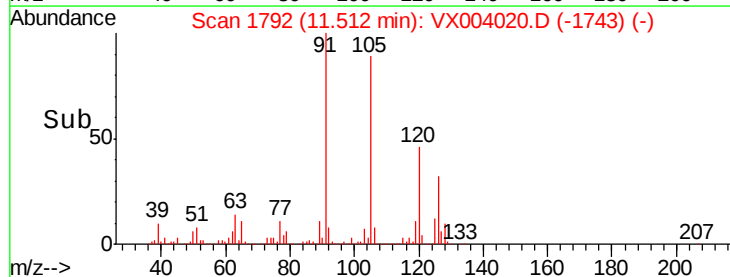
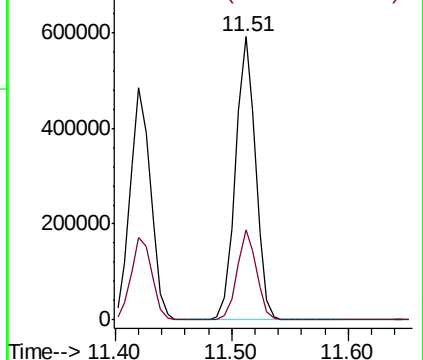
91 100

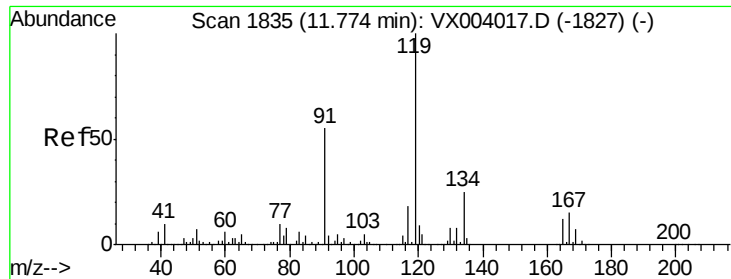
126 30.9 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

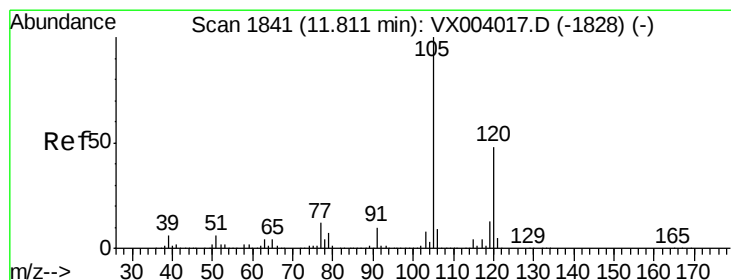
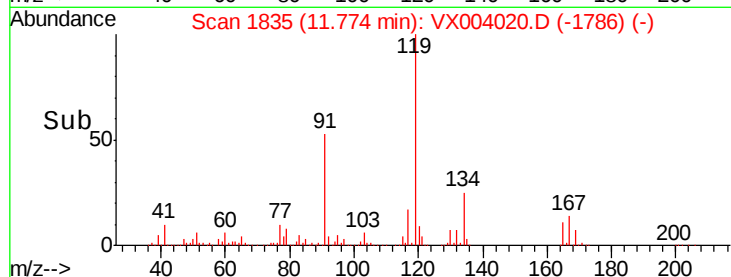
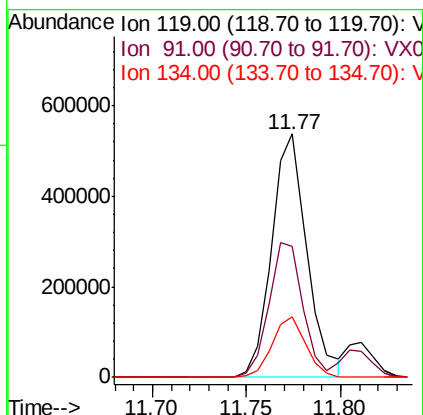
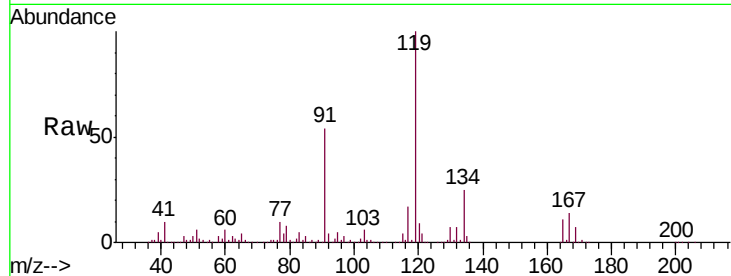




#83
 tert-Butylbenzene
 Concen: 54.080 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

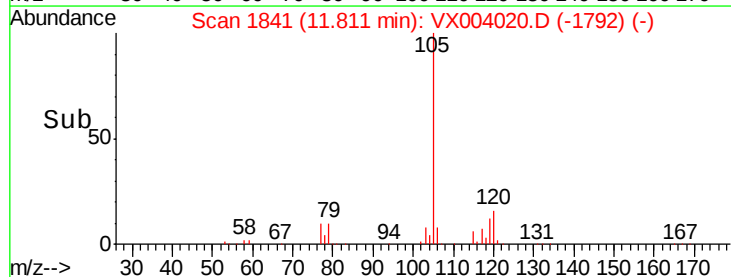
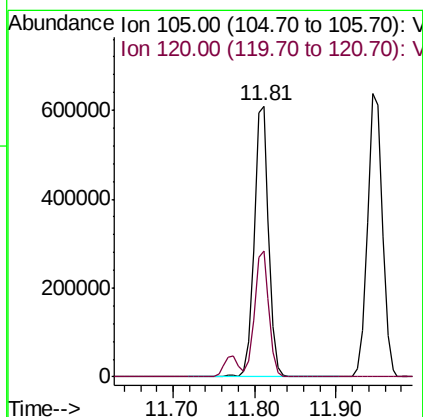
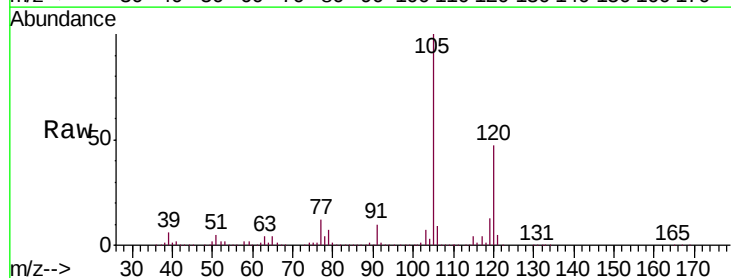
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

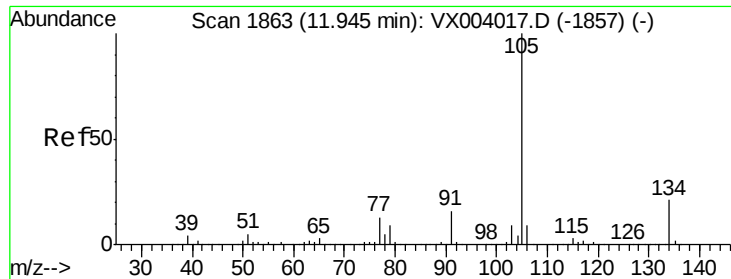
Tgt Ion:119 Resp: 697053
 Ion Ratio Lower Upper
 119 100
 91 53.4 26.8 80.4
 134 23.6 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.046 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion:105 Resp: 764428
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6

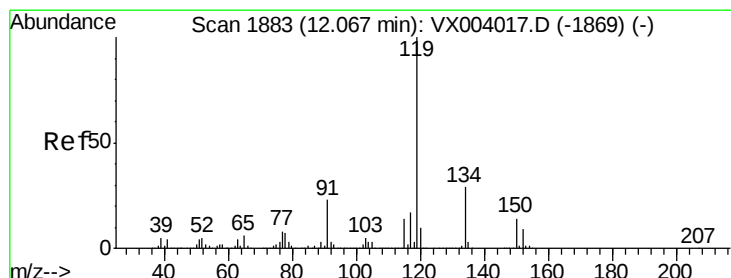
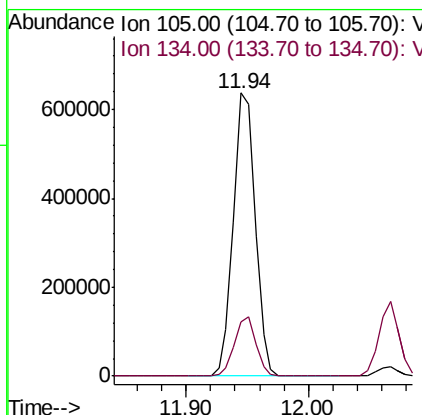
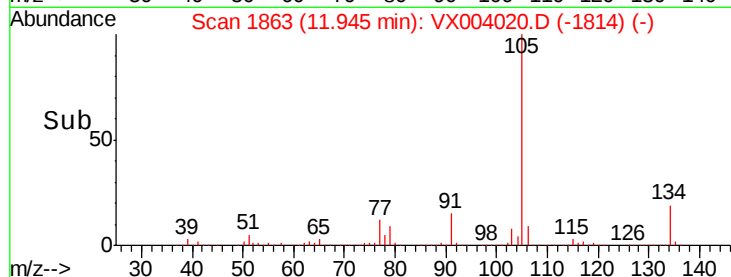
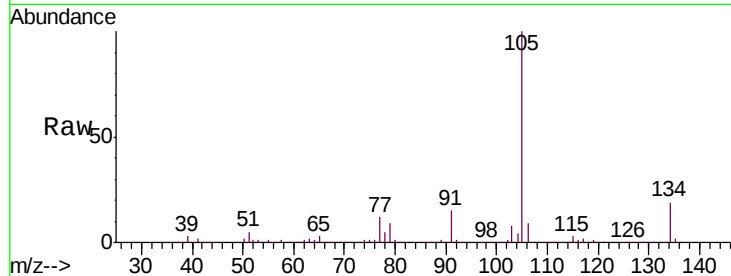




#85
 sec-Butylbenzene
 Concen: 55.024 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

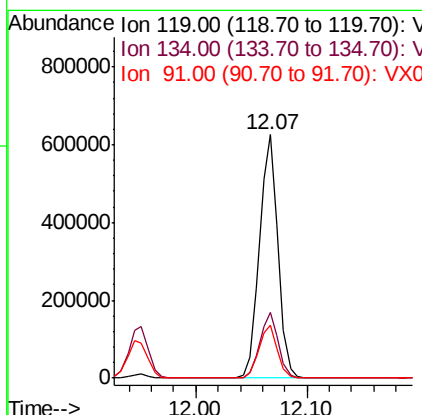
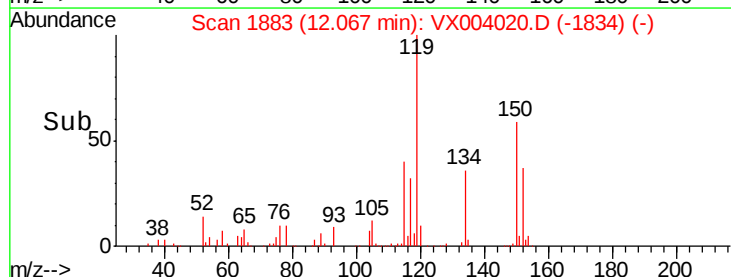
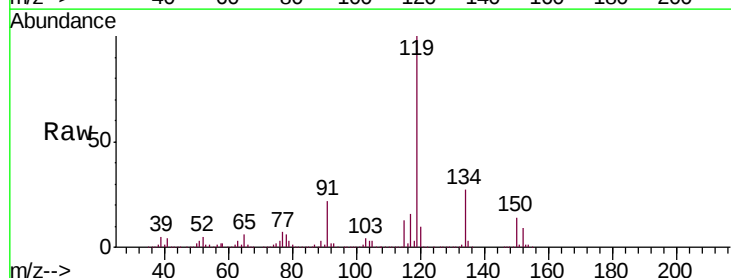
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

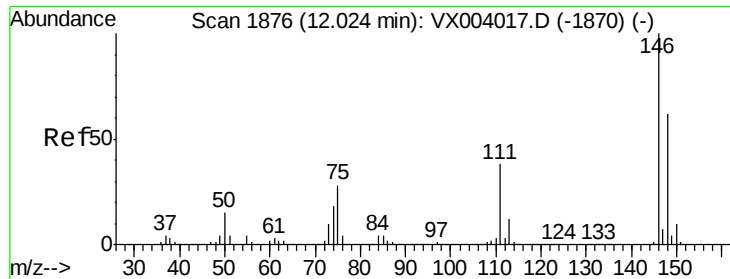
Tgt Ion:105 Resp: 784727
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 55.599 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion:119 Resp: 726065
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.8 41.4
 91 21.7 11.1 33.3

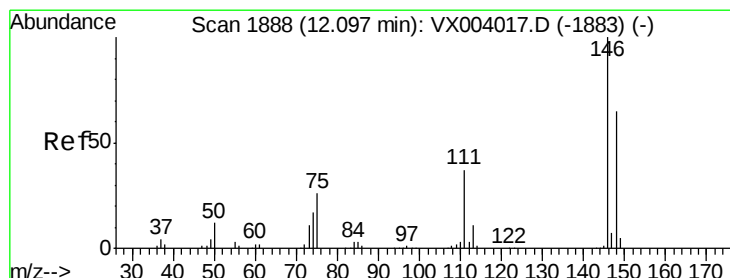
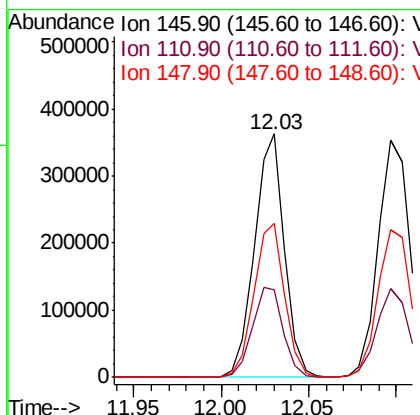
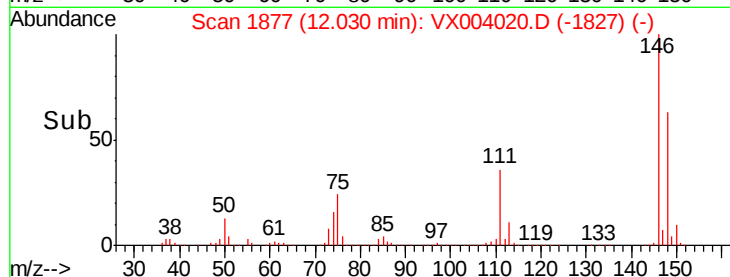
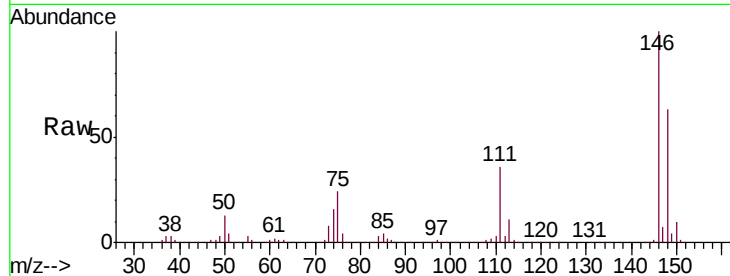




#87
 1,3-Dichlorobenzene
 Concen: 49.711 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

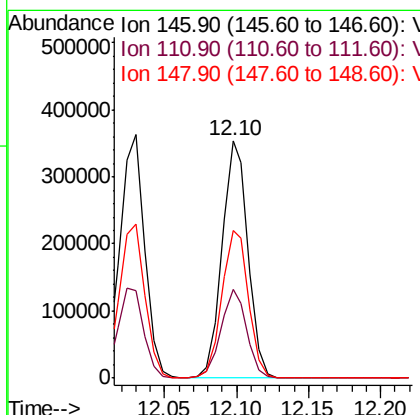
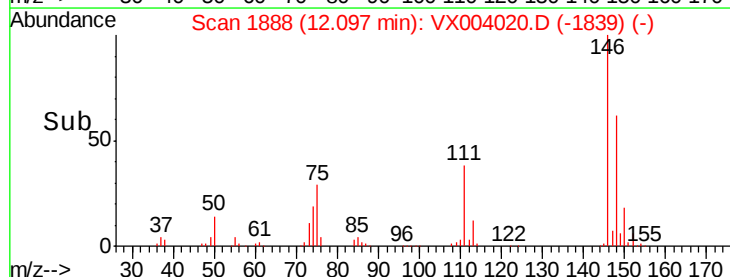
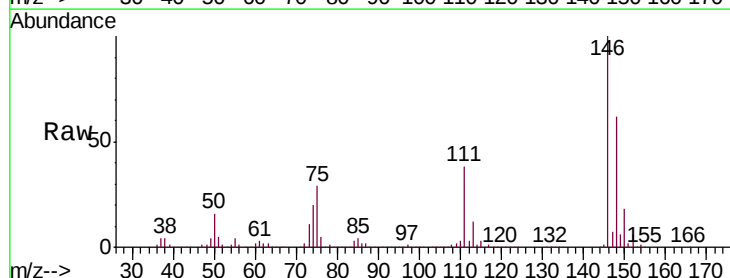
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

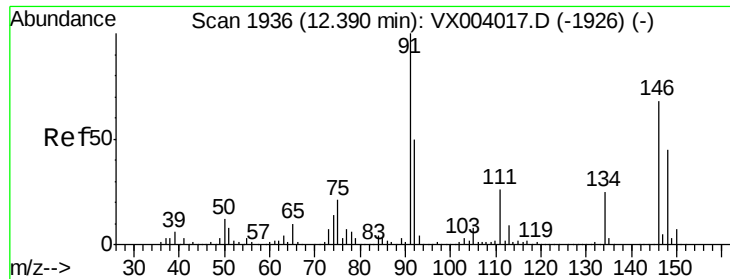
Tgt Ion:146 Resp: 432220
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.3
 148 65.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.709 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion:146 Resp: 446174
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.3 54.8
 148 64.0 31.9 95.9

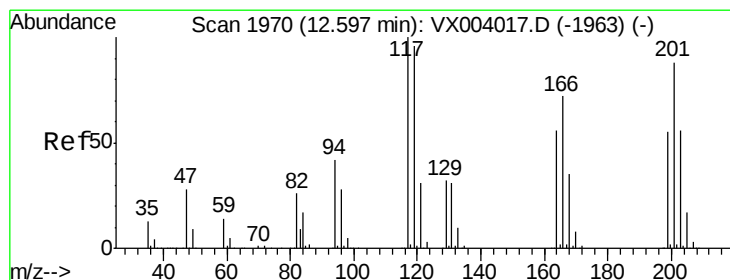
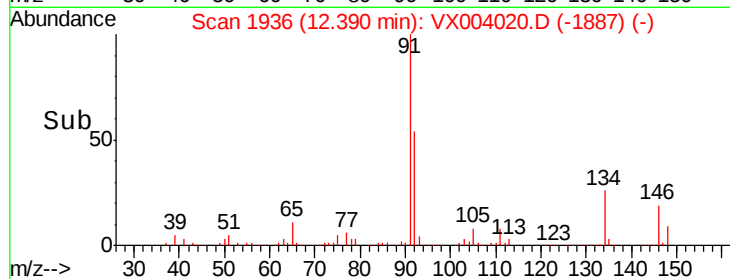
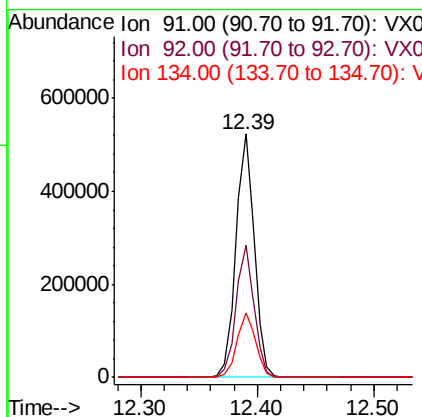
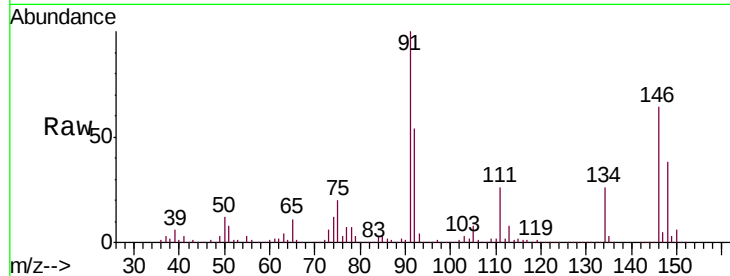




#89
n-Butylbenzene
Concen: 55.273 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

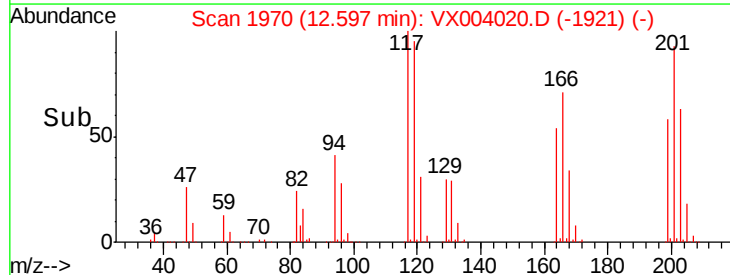
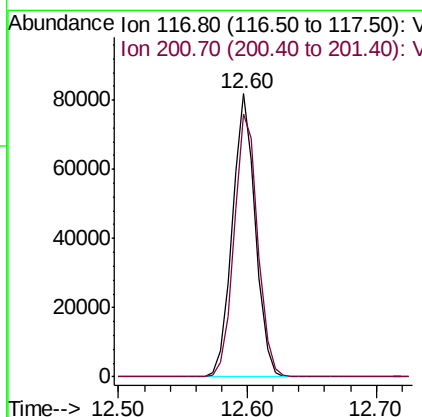
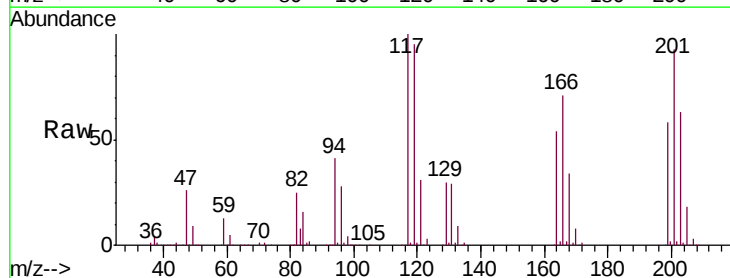
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

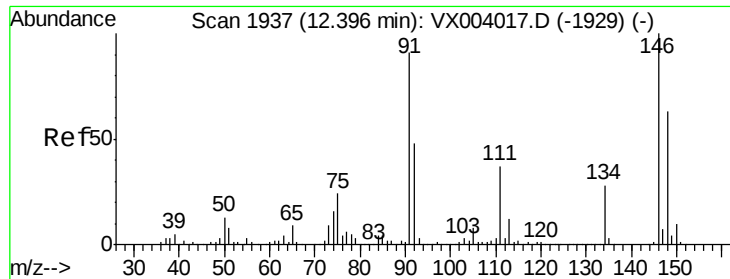
Tgt Ion: 91 Resp: 578921
Ion Ratio Lower Upper
91 100
92 53.3 26.2 78.6
134 26.6 13.1 39.3



#90
Hexachloroethane
Concen: 51.154 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion: 117 Resp: 101901
Ion Ratio Lower Upper
117 100
201 94.6 46.5 139.3

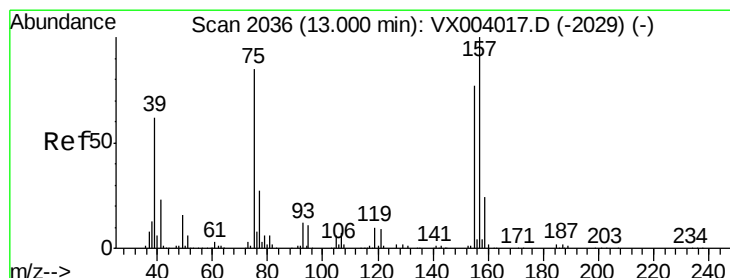
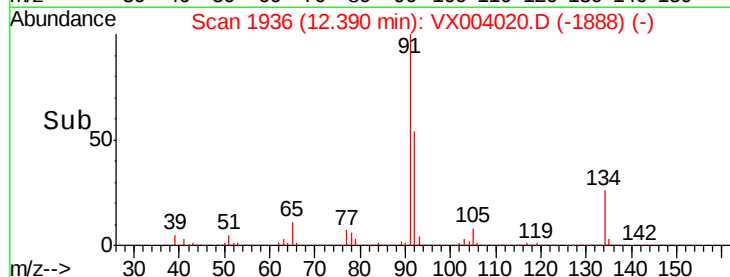
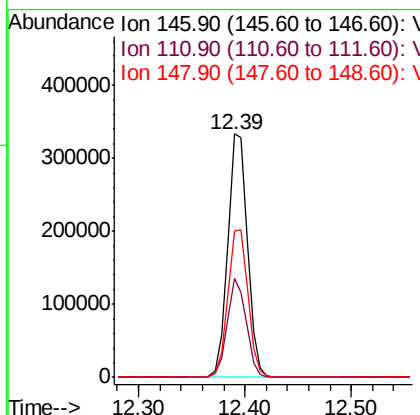
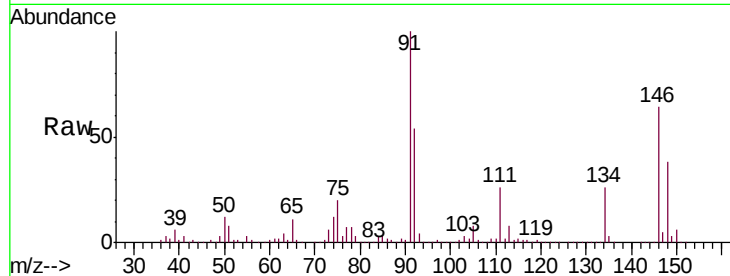




#91
 1,2-Dichlorobenzene
 Concen: 49.782 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

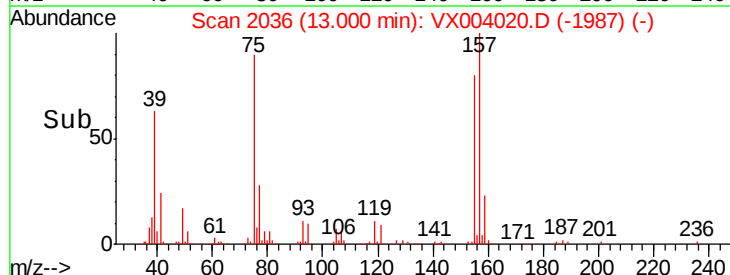
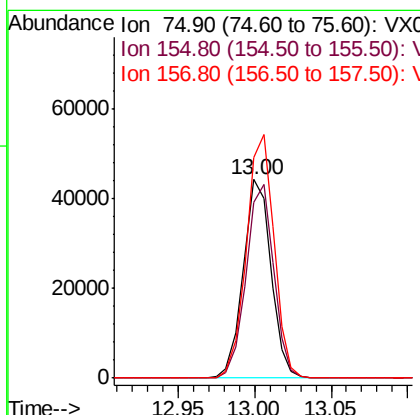
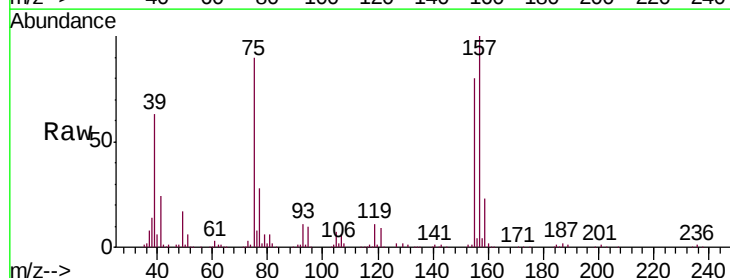
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

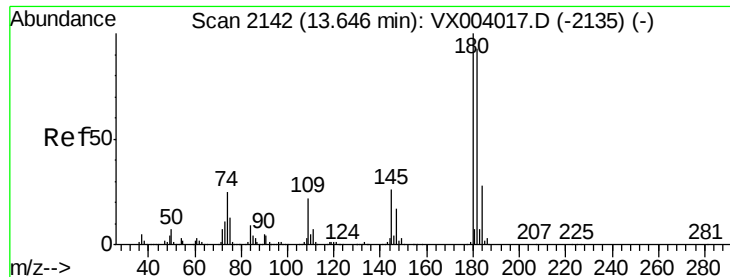
Tgt Ion:146 Resp: 433980
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 62.0 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.725 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion: 75 Resp: 55748
 Ion Ratio Lower Upper
 75 100
 155 97.1 47.8 143.3
 157 122.0 61.4 184.1

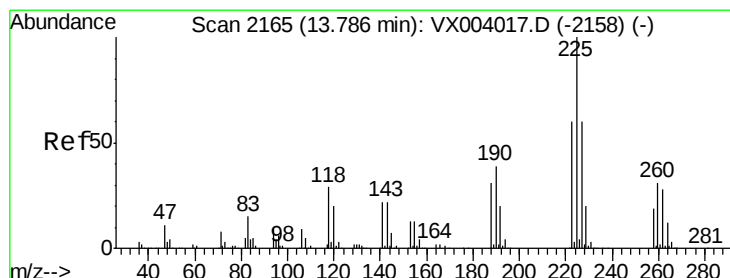
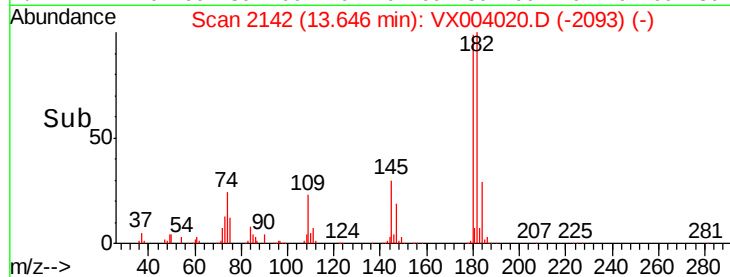
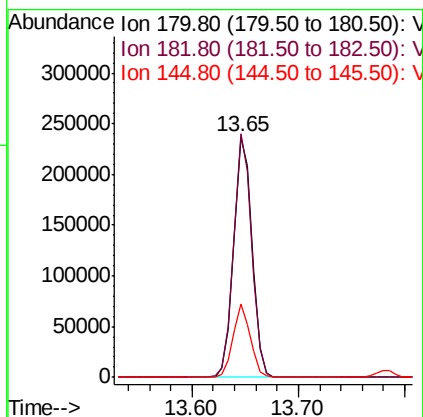
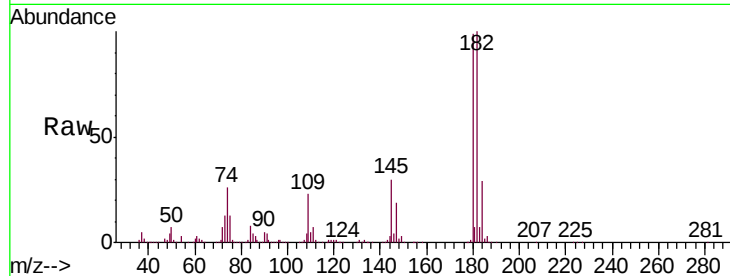




#93
 1,2,4-Trichlorobenzene
 Concen: 53.438 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

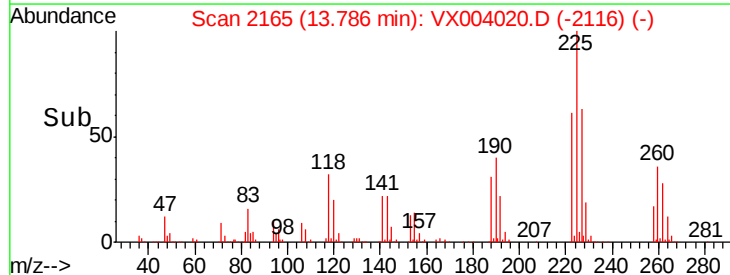
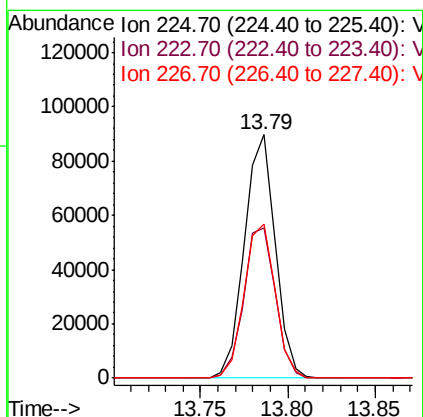
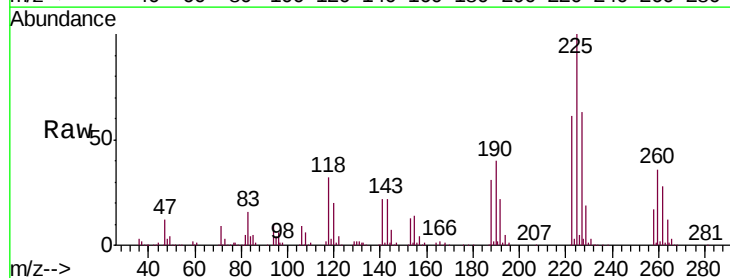
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV0

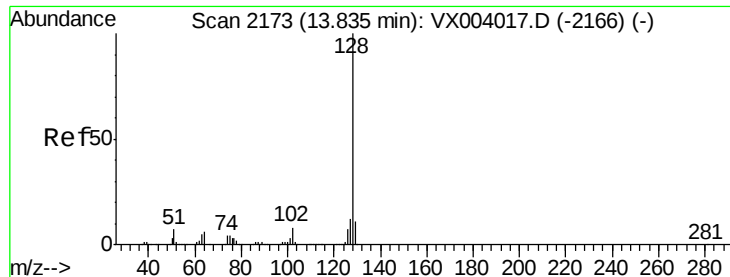
Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	46.6	139.7
145	28.8	14.0	42.0



#94
 Hexachlorobutadiene
 Concen: 49.487 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004020.D
 Acq: 14 Aug 2018 02:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.9	92.8
227	63.8	31.6	95.0

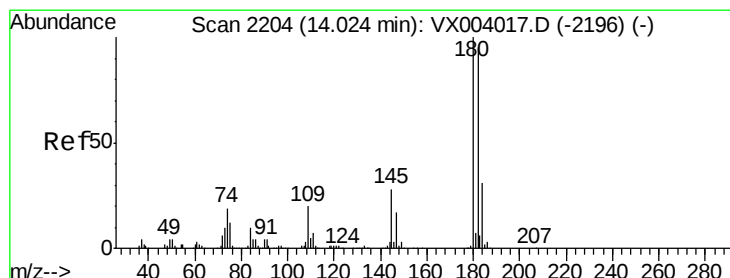
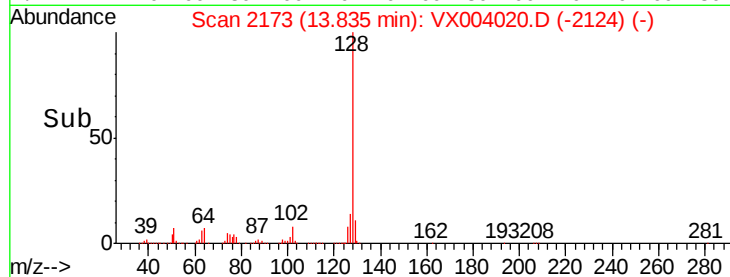
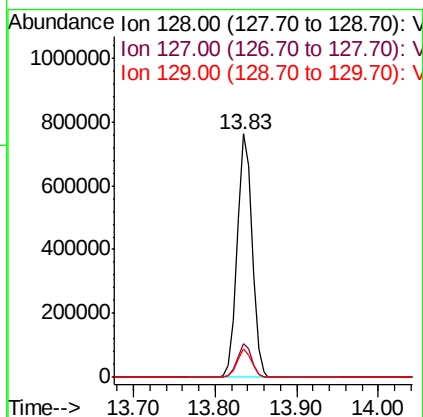
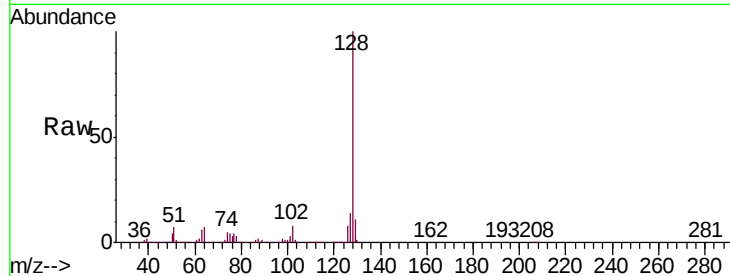




#95
Naphthalene
Concen: 50.063 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV0

Tgt Ion:128 Resp: 943173
Ion Ratio Lower Upper
128 100
127 13.4 9.9 14.9
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.950 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004020.D
Acq: 14 Aug 2018 02:17

Tgt Ion:180 Resp: 318130
Ion Ratio Lower Upper
180 100
182 97.2 48.1 144.4
145 29.5 14.9 44.5

