

Data File : VX004204.D
Acq On : 22 Aug 2018 17:43
Operator : JC/MD
Sample : VX0822WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Quant Time: Aug 23 05:50:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	329477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	475569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261791	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211001	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	178086	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.71	98	654075	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.14	95	238017	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	82204	21.541	ug/l	96
3) Chloromethane	1.32	50	87135	20.829	ug/l	100
4) Vinyl Chloride	1.40	62	89191	20.660	ug/l	99
5) Bromomethane	1.64	94	51477	23.100	ug/l	98
6) Chloroethane	1.72	64	60520	18.994	ug/l	97
7) Trichlorofluoromethane	1.93	101	118272	19.993	ug/l	96
8) Diethyl Ether	2.19	74	50661	19.999	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72689	19.617	ug/l	99
10) Methyl Iodide	2.51	142	70322	19.649	ug/l	100
11) Tert butyl alcohol	3.07	59	97458	106.466	ug/l	100
12) 1,1-Dichloroethene	2.37	96	68133	19.520	ug/l	98
13) Acrolein	2.29	56	22238	100.766	ug/l	98
14) Allyl chloride	2.73	41	129025	20.120	ug/l	99
15) Acrylonitrile	3.15	53	224198	98.897	ug/l	99
16) Acetone	2.45	43	190635	104.033	ug/l	98
17) Carbon Disulfide	2.57	76	186497	19.730	ug/l	99
18) Methyl Acetate	2.78	43	134905	21.170	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	230092	20.003	ug/l	97
20) Methylene Chloride	2.85	84	80465	19.465	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	73367	18.990	ug/l	99
22) Diisopropyl ether	3.87	45	237689	19.851	ug/l	97
23) Vinyl Acetate	3.82	43	981361	101.124	ug/l	100
24) 1,1-Dichloroethane	3.70	63	133874	19.185	ug/l	100
25) 2-Butanone	4.70	43	302854	103.583	ug/l	99
26) 2,2-Dichloropropane	4.58	77	102896	18.801	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	85485	19.509	ug/l	99
28) Bromochloromethane	5.02	49	64292	20.811	ug/l	100
29) Tetrahydrofuran	5.16	42	191282	103.674	ug/l	99
30) Chloroform	5.21	83	139323	19.914	ug/l	95
31) Cyclohexane	5.57	56	120796	20.063	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	117338	20.113	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106324	19.887	ug/l	100
37) Ethyl Acetate	4.86	43	110668	21.047	ug/l	100
38) Carbon Tetrachloride	5.78	117	101721	20.225	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	116721	19.121	ug/l	97
40) Benzene	6.14	78	329226	20.608	ug/l	99
41) Methacrylonitrile	5.06	41	61768	20.266	ug/l	99
42) 1,2-Dichloroethane	6.20	62	110312	20.243	ug/l	99
43) Isopropyl Acetate	6.46	43	161409	19.977	ug/l	100
44) Trichloroethene	7.21	130	84321	19.068	ug/l	97
45) 1,2-Dichloropropane	7.52	63	80913	20.236	ug/l	99
46) Dibromomethane	7.67	93	52423	19.691	ug/l	100
47) Bromodichloromethane	7.90	83	97270	19.635	ug/l	99
48) Methyl methacrylate	7.78	41	85053	19.673	ug/l	99
49) 1,4-Dioxane	7.76	88	39812	405.592	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	561136	95.585	ug/l	100
52) Toluene	8.79	92	201820	20.181	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	105477	19.278	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	117847	19.773	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	80701	19.991	ug/l	99
56) Ethyl methacrylate	9.18	69	107898	19.634	ug/l	100
57) 1,3-Dichloropropane	9.37	76	135703	19.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	293735	104.317	ug/l	100
59) 2-Hexanone	9.50	43	424285	94.735	ug/l	100
60) Dibromochloromethane	9.59	129	75518	19.201	ug/l	99
61) 1,2-Dibromoethane	9.67	107	83350	19.951	ug/l	99
64) Tetrachloroethene	9.34	164	80342	19.275	ug/l	99
65) Chlorobenzene	10.14	112	217139	20.505	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	70322	19.254	ug/l	98
67) Ethyl Benzene	10.25	91	340691	19.810	ug/l	93
68) m/p-Xylenes	10.36	106	269814	40.123	ug/l	98
69) o-Xylene	10.70	106	133347	20.963	ug/l	95
70) Styrene	10.71	104	214436	20.820	ug/l	99
71) Bromoform	10.86	173	56805	19.294	ug/l #	99
73) Isopropylbenzene	11.02	105	362027	21.055	ug/l	100
74) N-amyl acetate	10.90	43	136469	20.614	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123025	20.446	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	135940	25.532	ug/l	86
77) Bromobenzene	11.26	156	95970	19.898	ug/l	96
78) n-propylbenzene	11.36	91	422927	21.386	ug/l	99
79) 2-Chlorotoluene	11.42	91	255379	20.981	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	308726	21.682	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	32063	19.539	ug/l	95
82) 4-Chlorotoluene	11.51	91	297435	20.766	ug/l	99
83) tert-Butylbenzene	11.77	119	297583	20.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	318958	21.822	ug/l	99
85) sec-Butylbenzene	11.94	105	353084	20.759	ug/l	100
86) p-Isopropyltoluene	12.07	119	323608	21.230	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181723	20.011	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	185374	19.361	ug/l	99
89) n-Butylbenzene	12.39	91	230439	18.592	ug/l	99
90) Hexachloroethane	12.60	117	42738	20.060	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	164407	19.809	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21264	20.064	ug/l	100

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

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Operator : JC/MD
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115362	19.104	ug/l	99
94) Hexachlorobutadiene	13.79	225	52741	18.687	ug/l	95
95) Naphthalene	13.83	128	363572	21.287	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	129432	20.247	ug/l	98

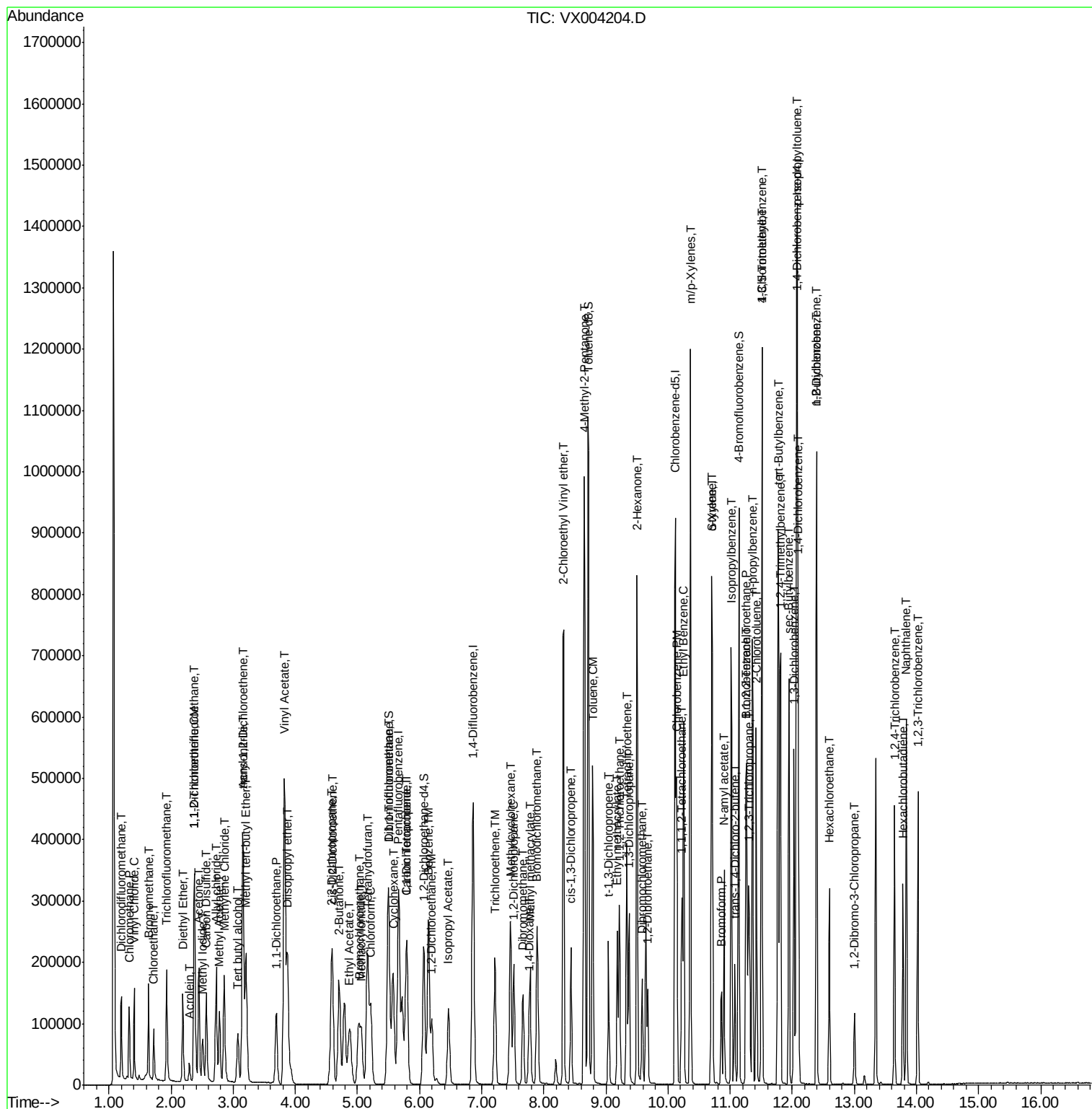
(#) = qualifier out of range (m) = manual integration (+) = signals summed

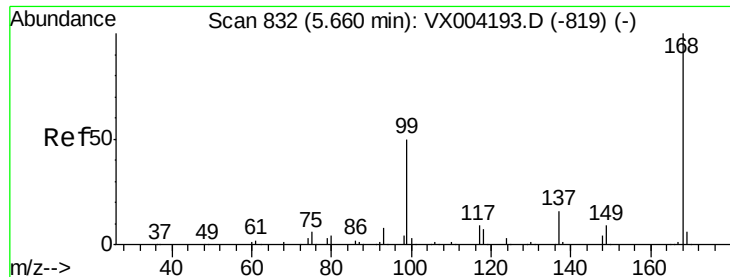
Data File : VX004204.D

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Acq On       : 22 Aug 2018   17:43
Operator     : JC/MD
Sample       : VX0822WBSD01
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 16   Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Quant Time: Aug 23 05:50:17 2018
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampled :

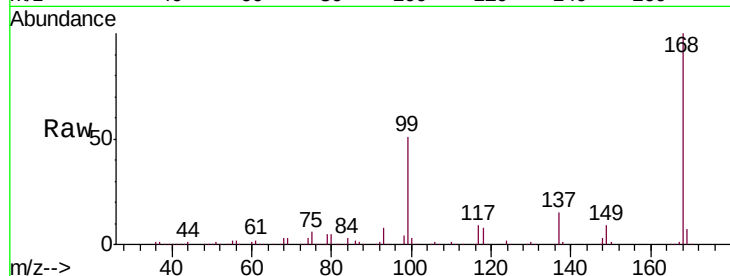
VX0822WBSD01

Tgt Ion:168 Resp: 329477

Ion Ratio Lower Upper

168 100

99 51.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

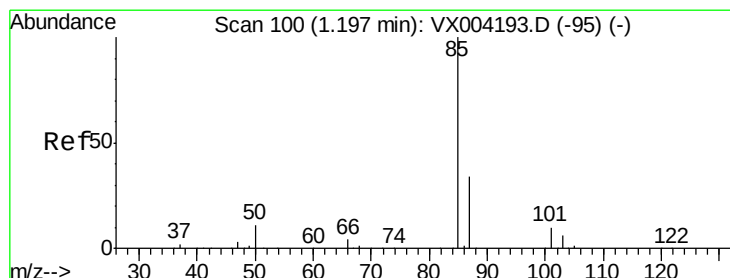
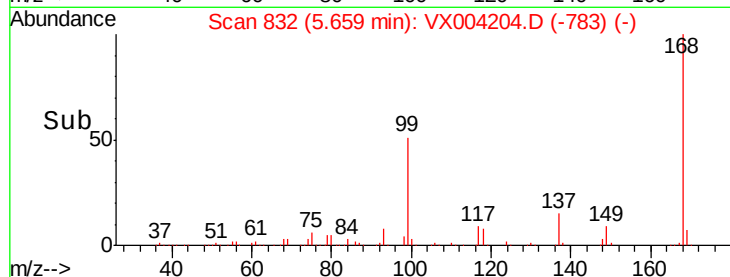
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.541 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004204.D

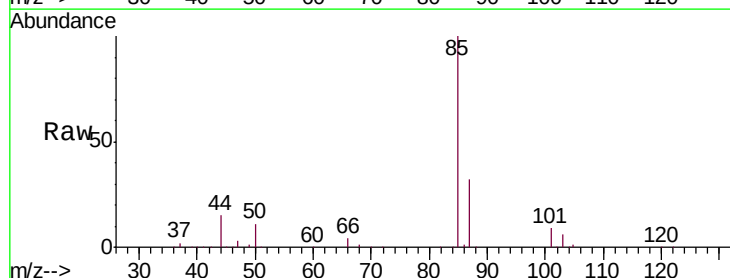
Acq: 22 Aug 2018 17:43

Tgt Ion: 85 Resp: 82204

Ion Ratio Lower Upper

85 100

87 31.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

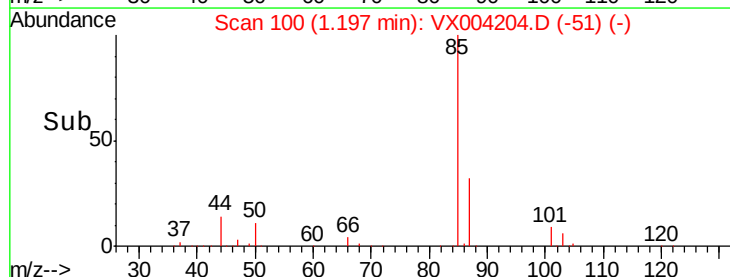
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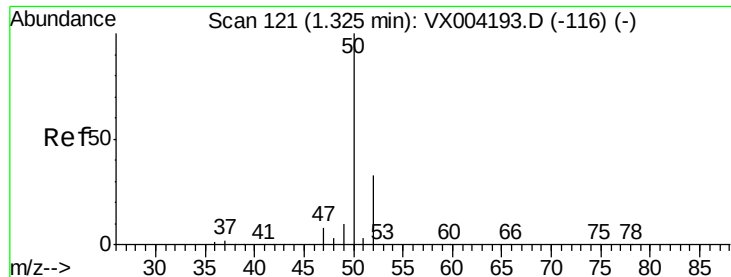
40000

20000

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Time-->





#3

Chloromethane

Concen: 20.829 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

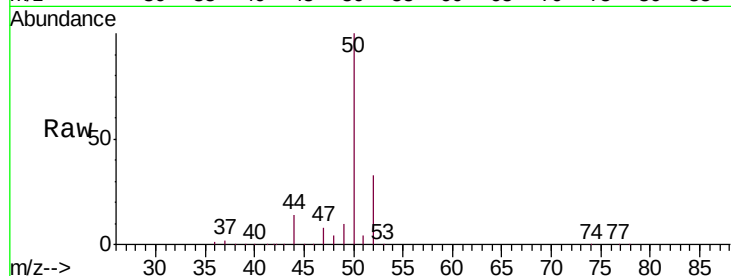
VX0822WBSD01

Tgt Ion: 50 Resp: 87135

Ion Ratio Lower Upper

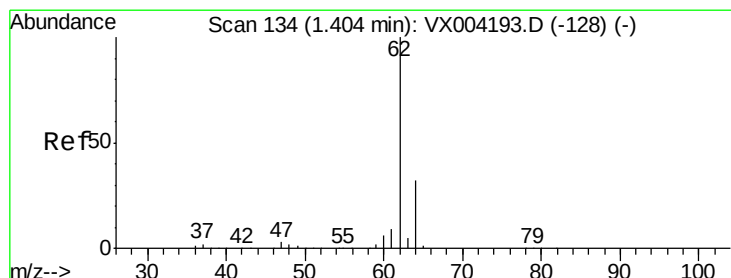
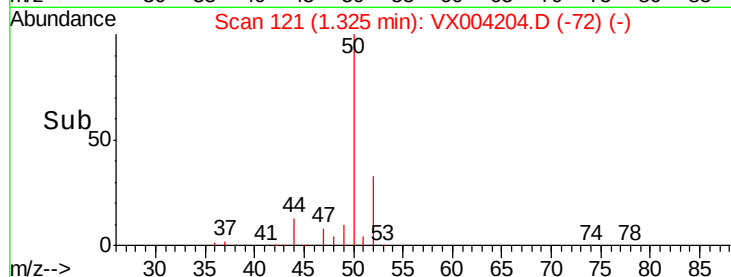
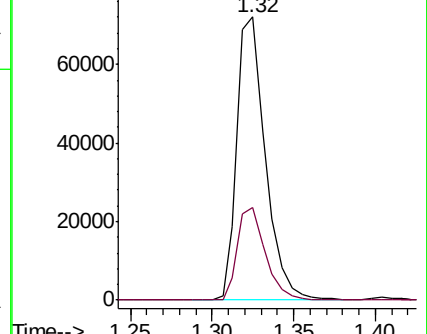
50 100

52 32.8 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: 20.660 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004204.D

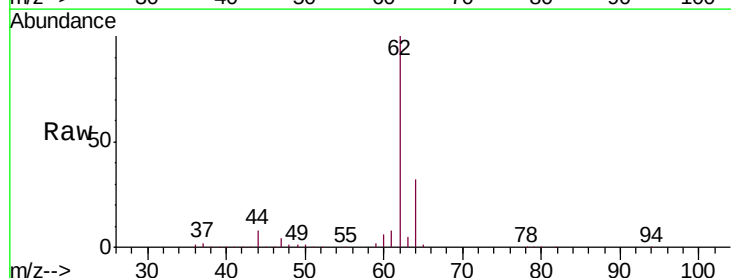
Acq: 22 Aug 2018 17:43

Tgt Ion: 62 Resp: 89191

Ion Ratio Lower Upper

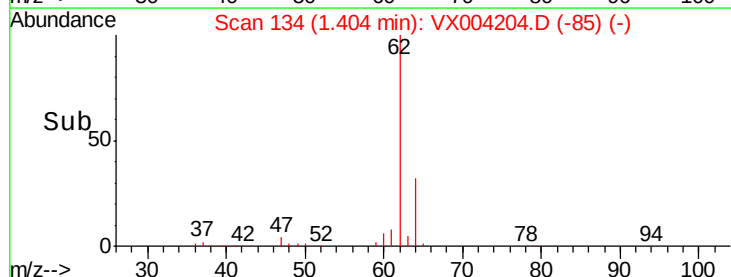
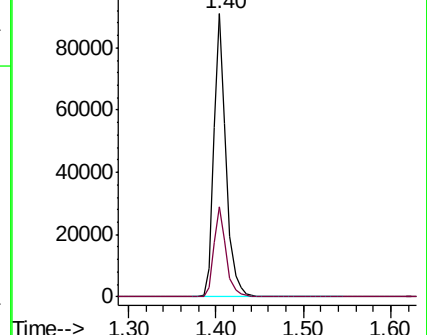
62 100

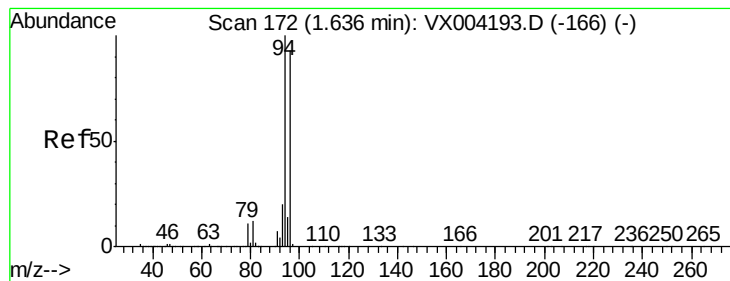
64 32.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.100 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

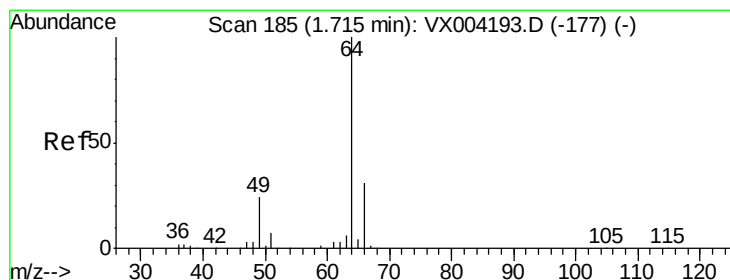
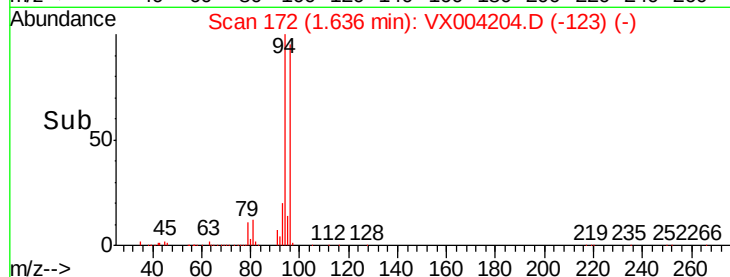
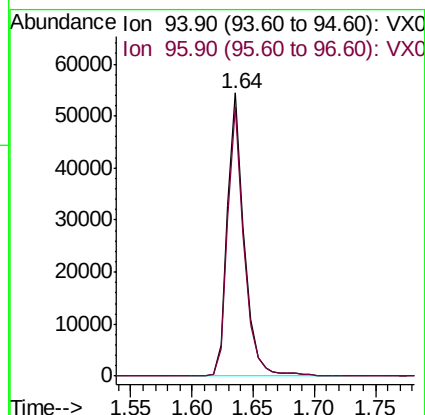
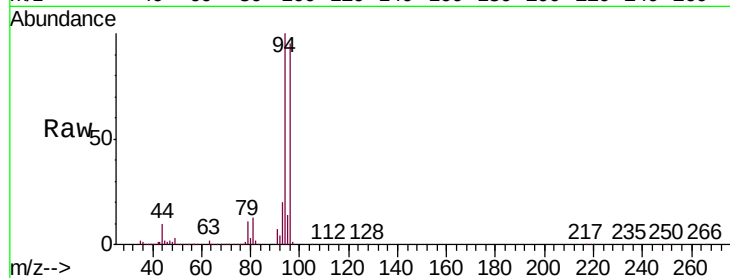
VX0822WBSD01

Tgt Ion: 94 Resp: 51477

Ion Ratio Lower Upper

94 100

96 94.9 74.5 111.7



#6

Chloroethane

Concen: 18.994 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004204.D

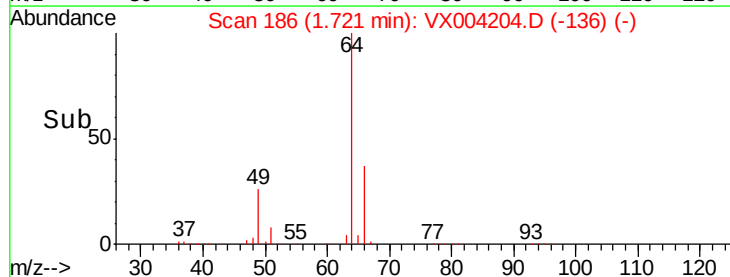
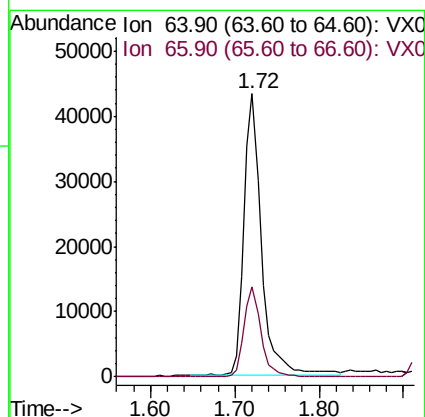
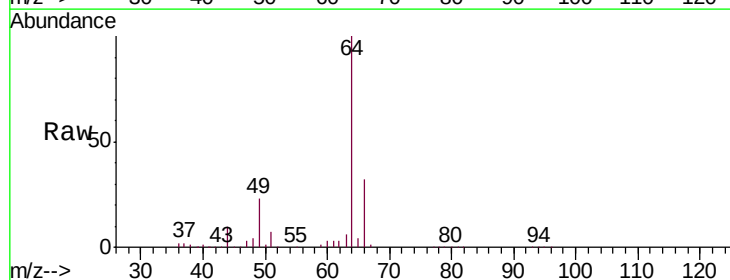
Acq: 22 Aug 2018 17:43

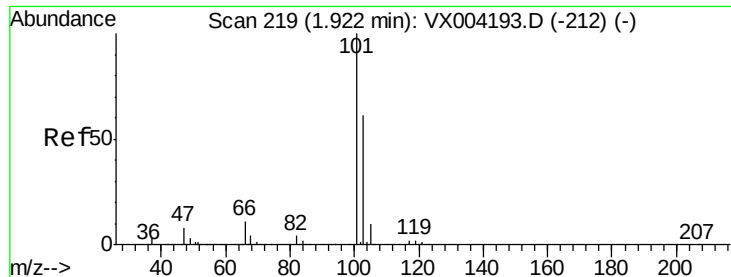
Tgt Ion: 64 Resp: 60520

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8



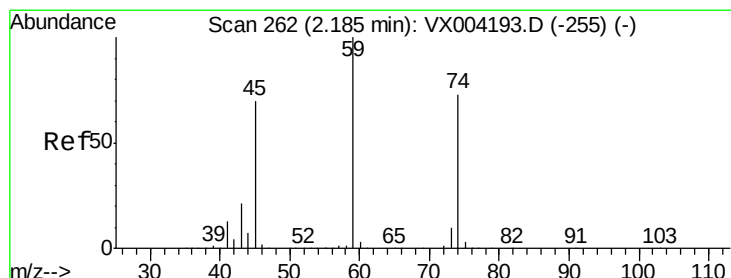
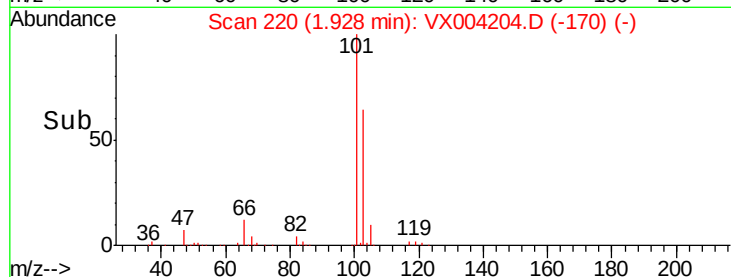
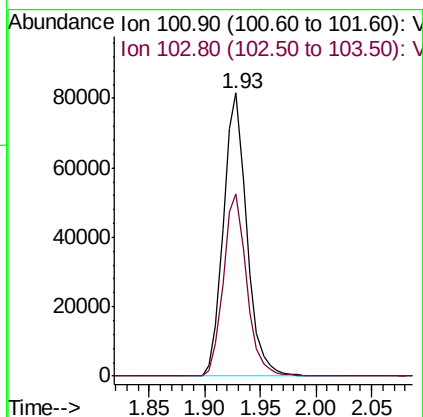
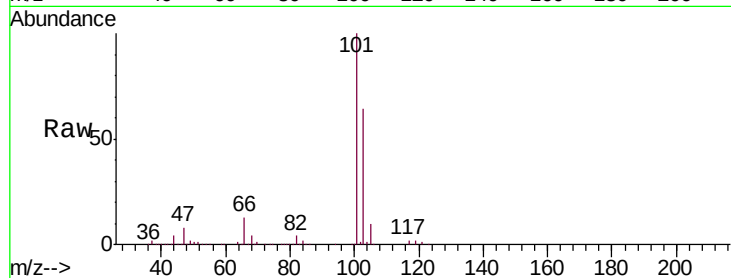


#7

Trichlorofluoromethane
 Concen: 19.993 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

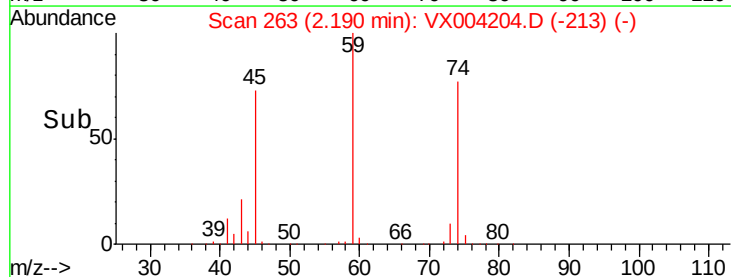
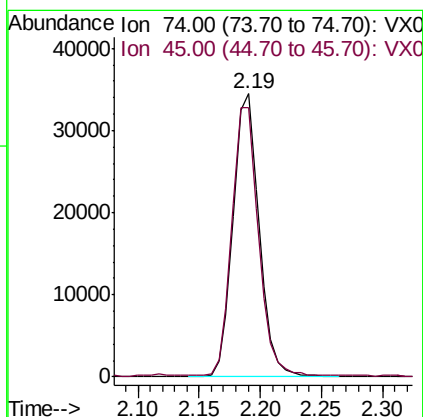
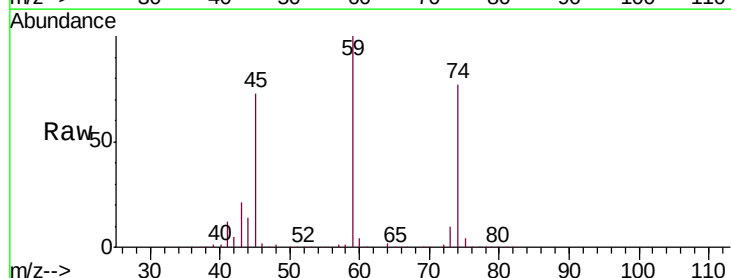
Tgt Ion:101 Resp: 118272
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.9 73.3

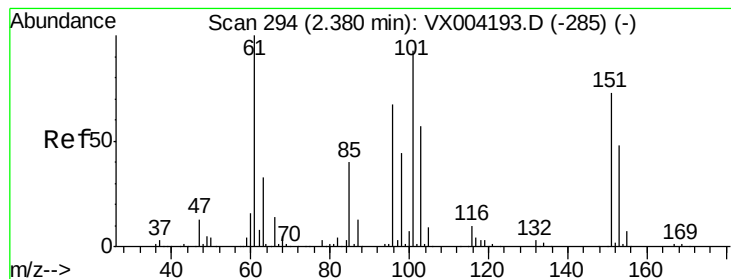


#8

Diethyl Ether
 Concen: 19.999 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.01 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion: 74 Resp: 50661
 Ion Ratio Lower Upper
 74 100
 45 96.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.617 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

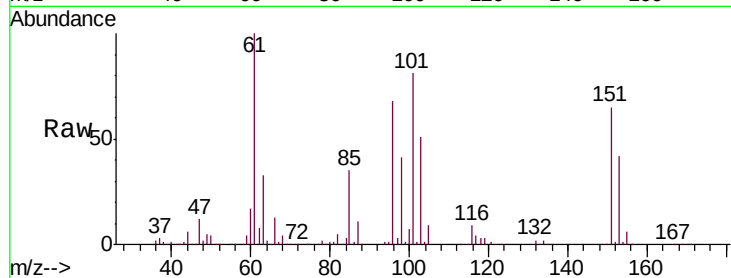
Tgt Ion:101 Resp: 72689

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

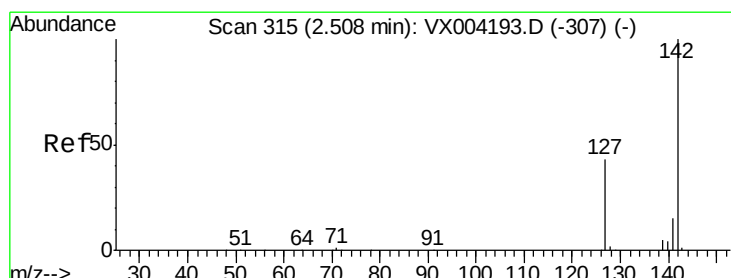
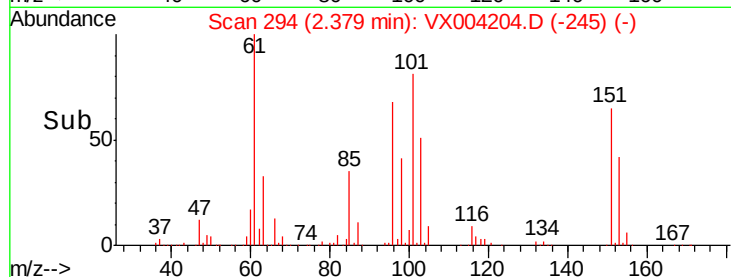
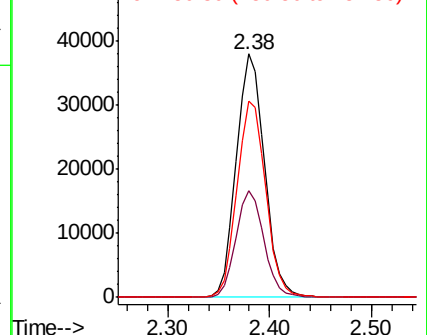
151 81.9 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.649 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

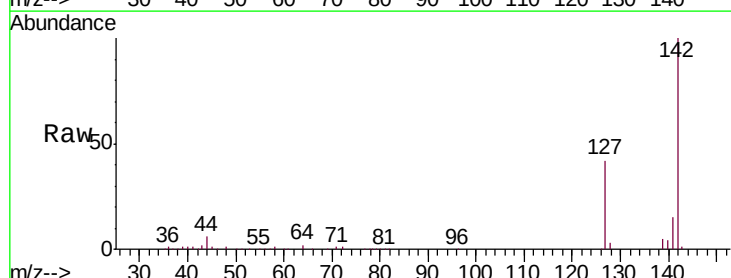
Tgt Ion:142 Resp: 70322

Ion Ratio Lower Upper

142 100

127 42.0 33.8 50.6

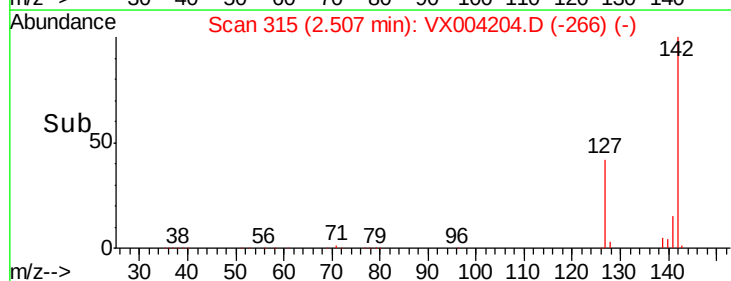
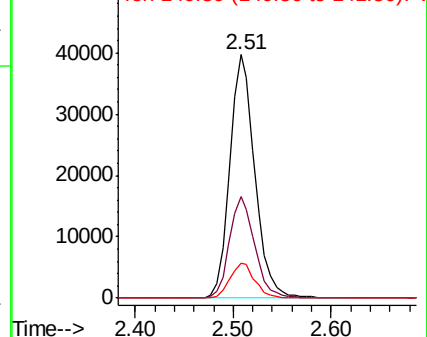
141 14.4 11.4 17.0

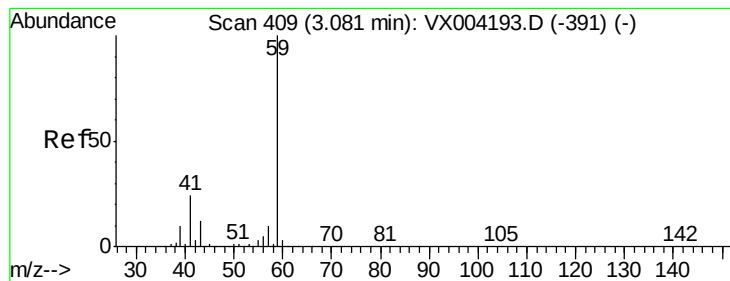


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



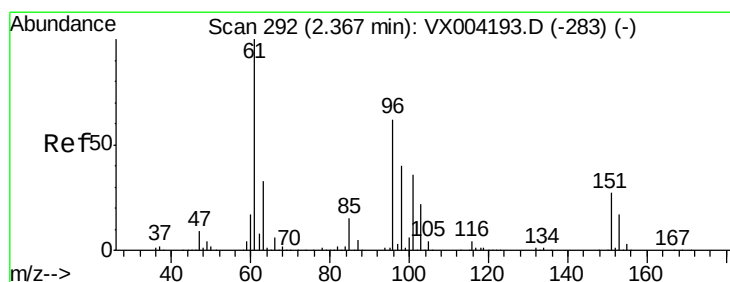
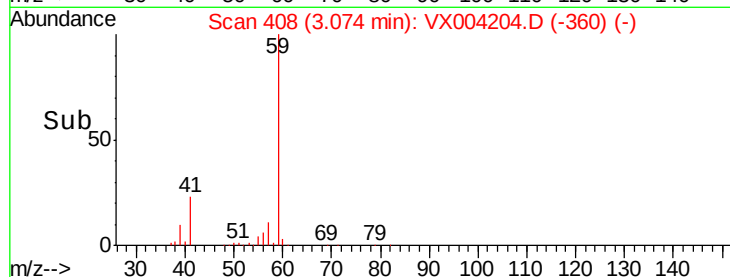
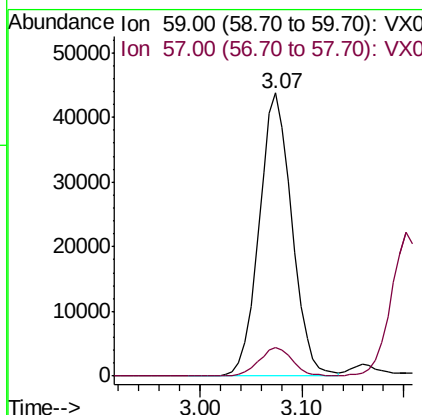
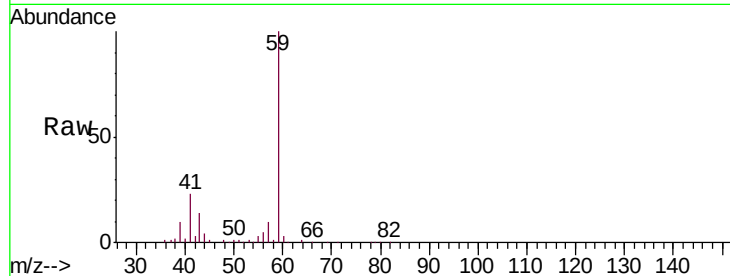


#11

Tert butyl alcohol
 Concen: 106.466 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

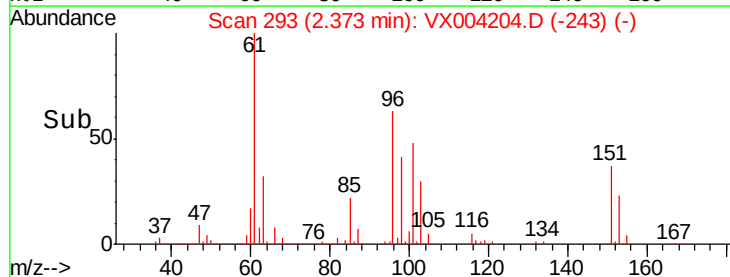
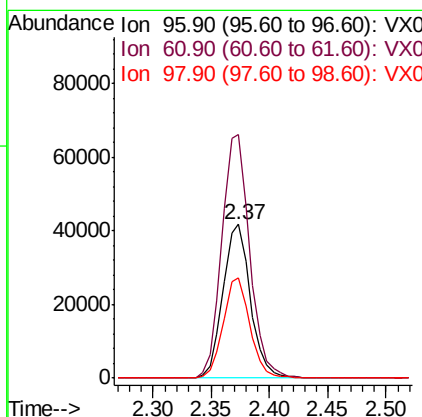
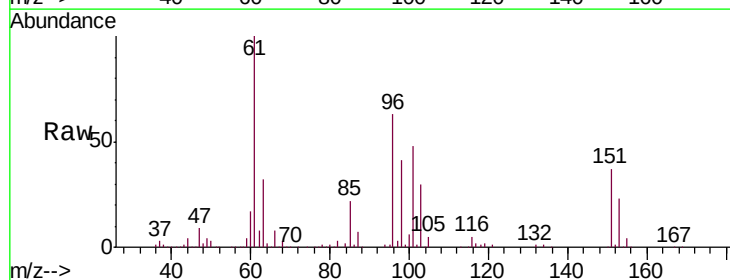
Tgt Ion: 59 Resp: 97458
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

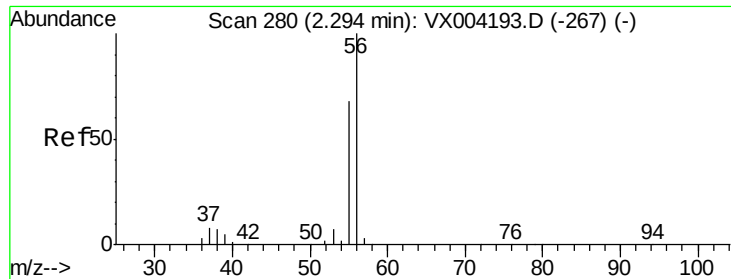


#12

1,1-Dichloroethene
 Concen: 19.520 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion: 96 Resp: 68133
 Ion Ratio Lower Upper
 96 100
 61 158.0 128.8 193.2
 98 65.3 52.2 78.2





#13

Acrolein

Concen: 100.766 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

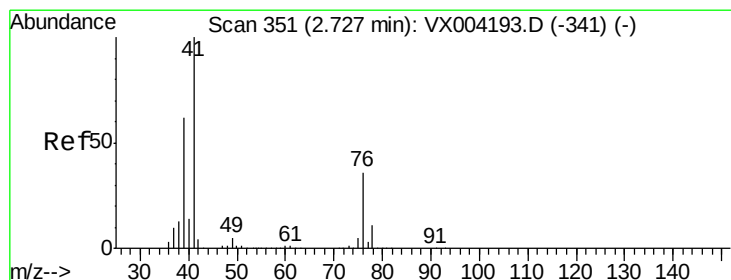
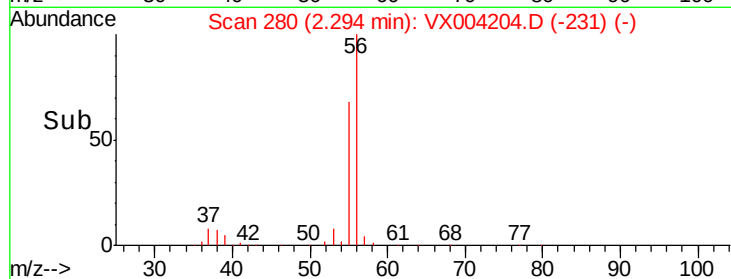
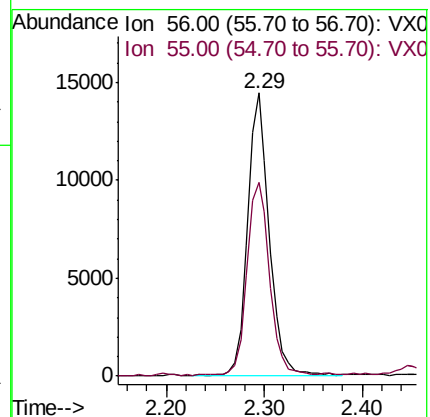
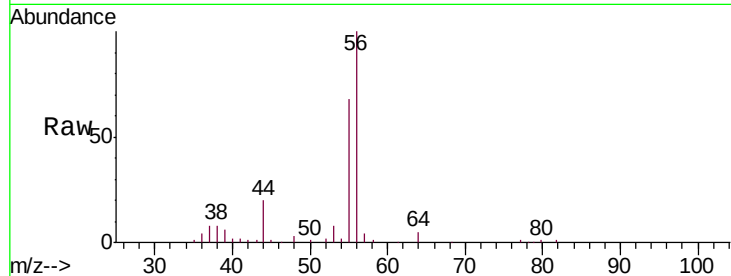
VX0822WBSD01

Tgt Ion: 56 Resp: 22238

Ion Ratio Lower Upper

56 100

55 70.0 54.7 82.1



#14

Allyl chloride

Concen: 20.120 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

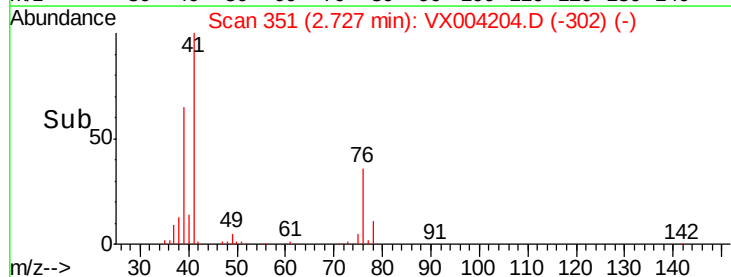
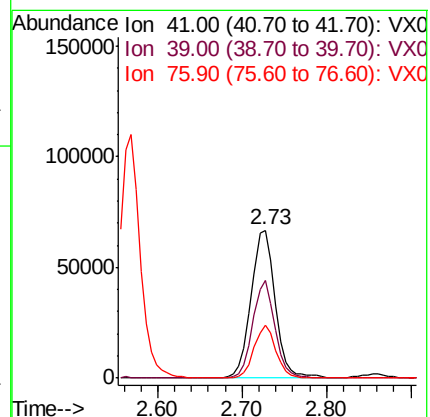
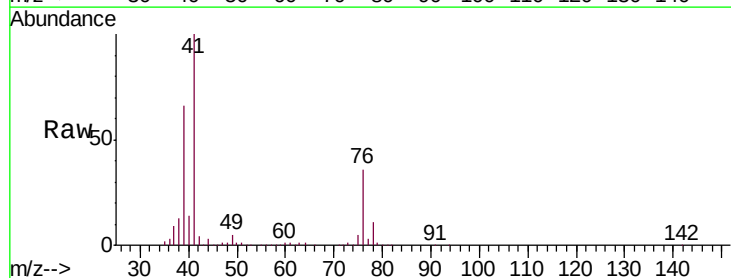
Tgt Ion: 41 Resp: 129025

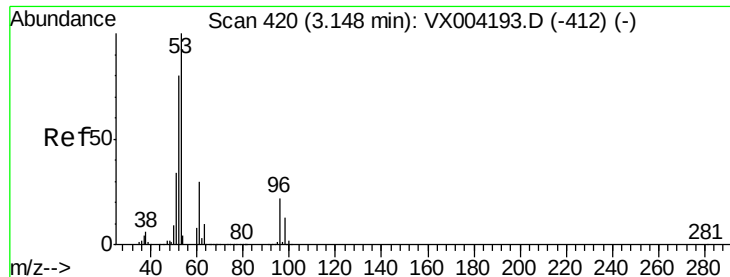
Ion Ratio Lower Upper

41 100

39 60.3 48.9 73.3

76 32.8 26.7 40.1





#15

Acrylonitrile

Concen: 98.897 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

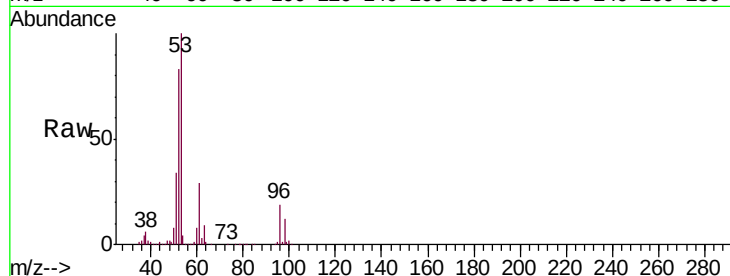
Tgt Ion: 53 Resp: 224198

Ion Ratio Lower Upper

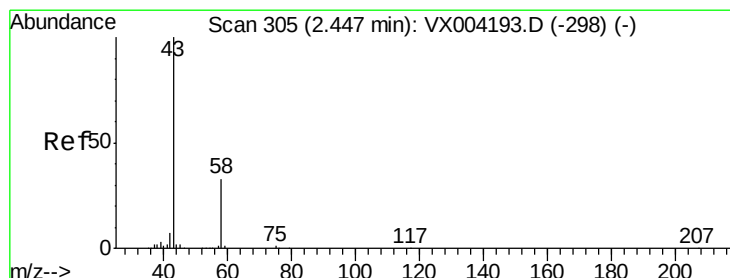
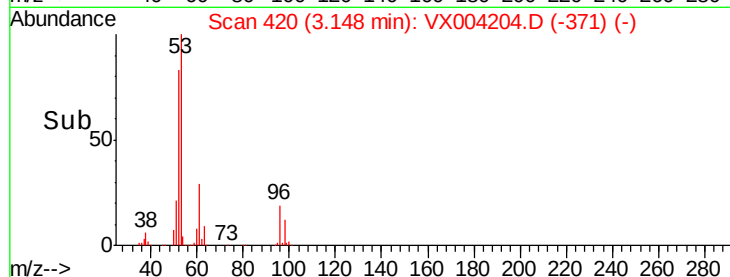
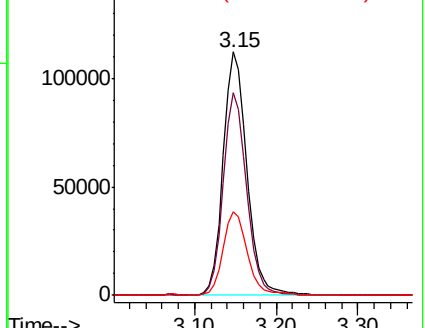
53 100

52 82.3 65.2 97.8

51 35.3 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: 104.033 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004204.D

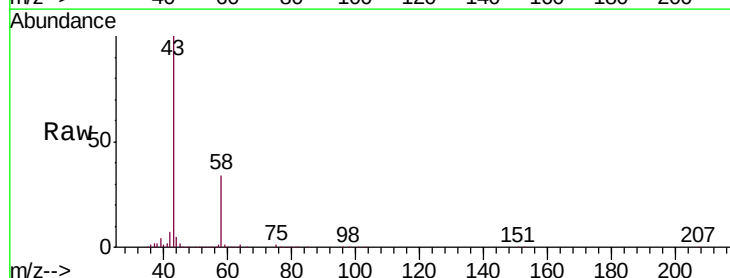
Acq: 22 Aug 2018 17:43

Tgt Ion: 43 Resp: 190635

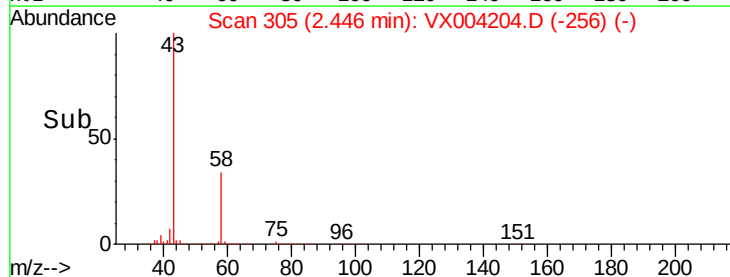
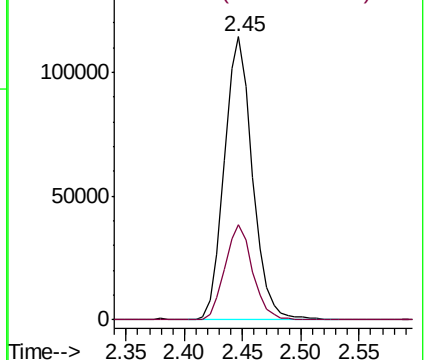
Ion Ratio Lower Upper

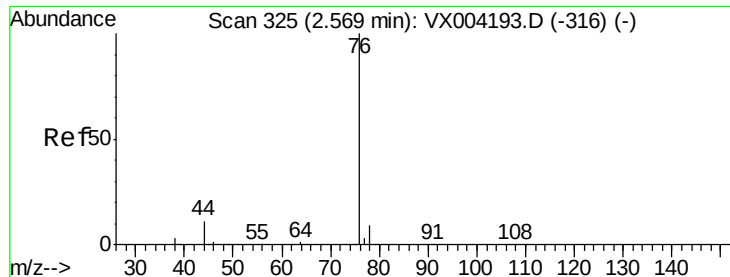
43 100

58 33.8 26.2 39.4



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

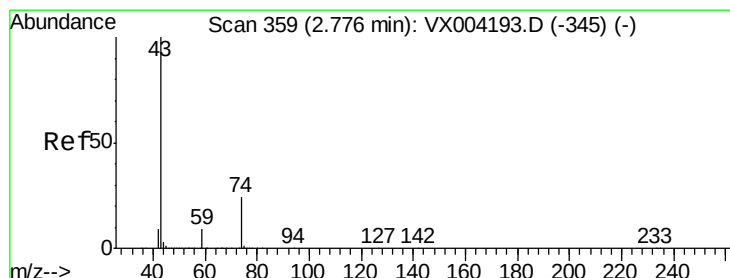
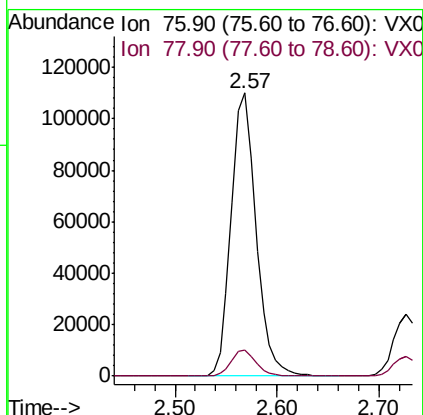
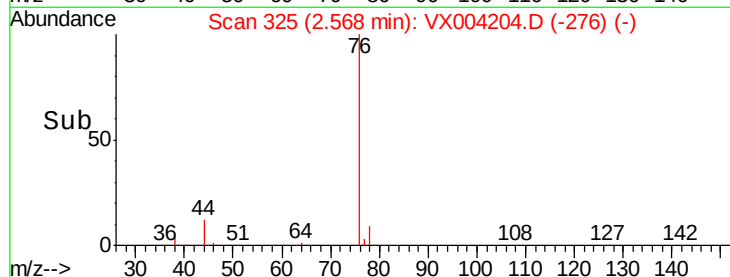
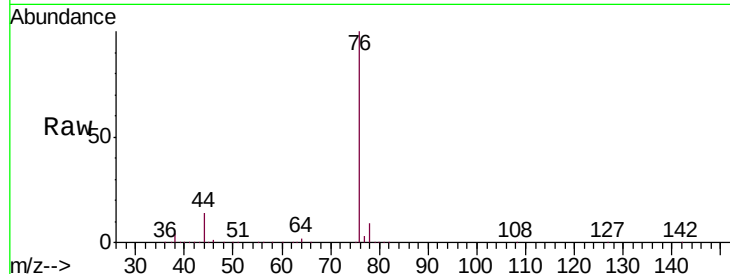




#17
Carbon Disulfide
Concen: 19.730 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

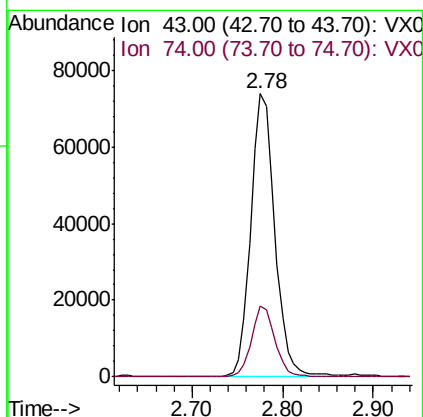
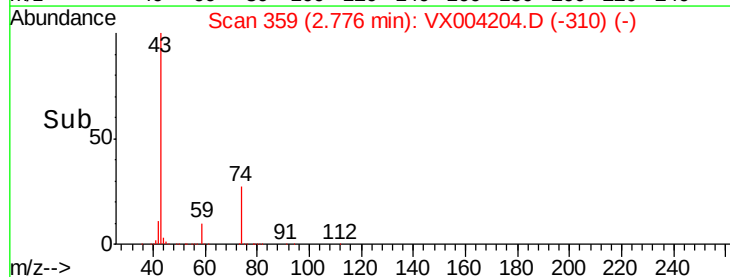
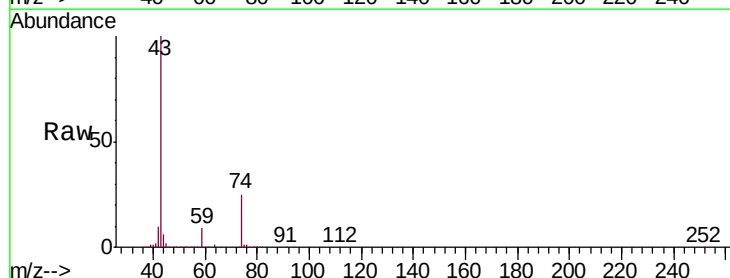
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

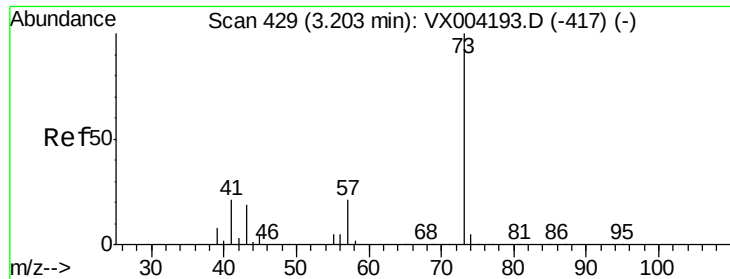
Tgt Ion: 76 Resp: 186497
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 21.170 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 43 Resp: 134905
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2

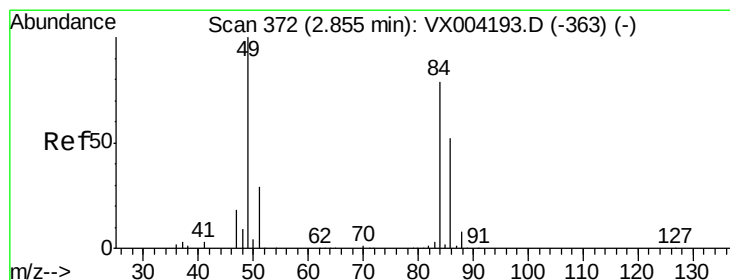
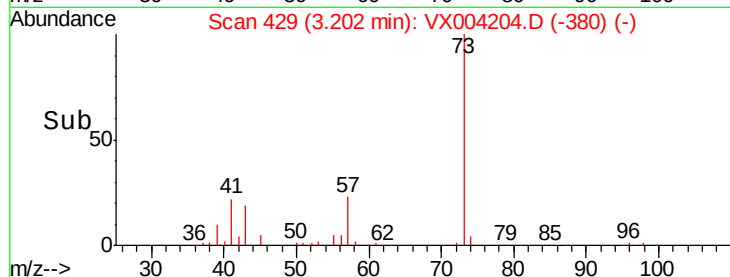
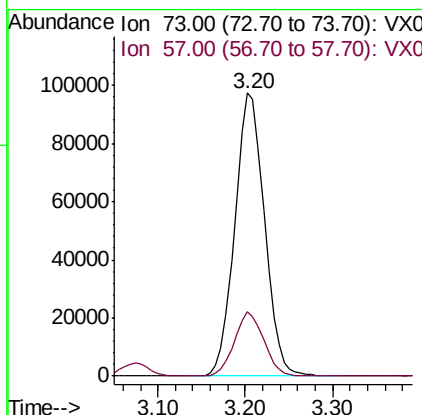
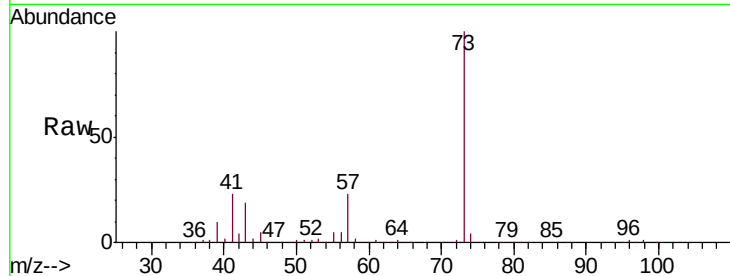




#19
Methyl tert-butyl Ether
Concen: 20.003 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

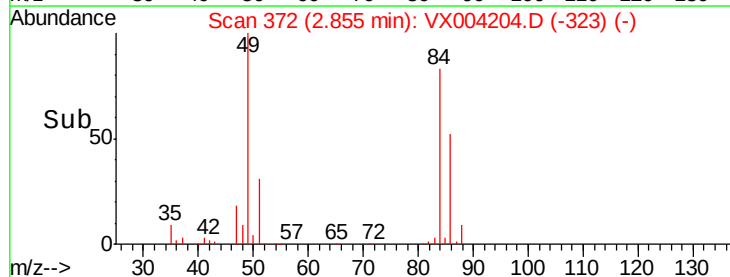
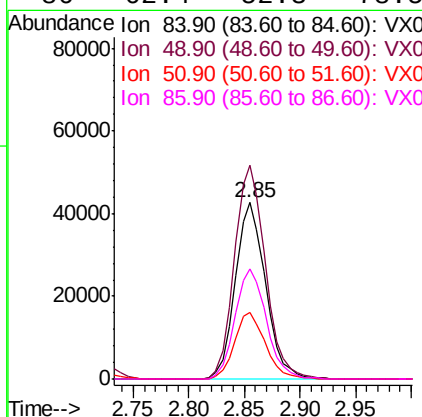
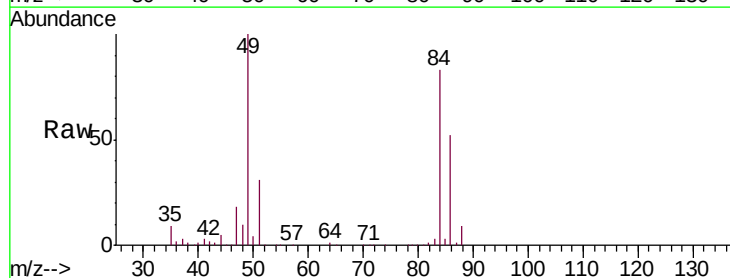
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

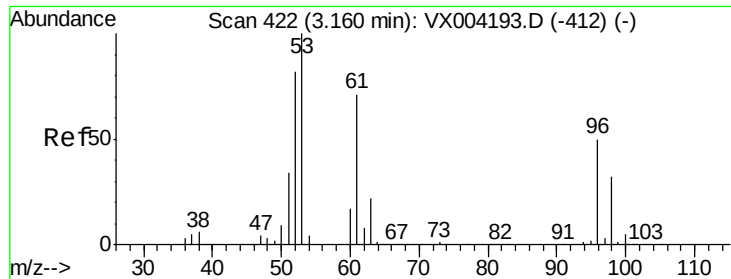
Tgt Ion: 73 Resp: 230092
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 19.465 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 84 Resp: 80465
Ion Ratio Lower Upper
84 100
49 120.9 101.2 151.8
51 37.7 29.5 44.3
86 62.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.990 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

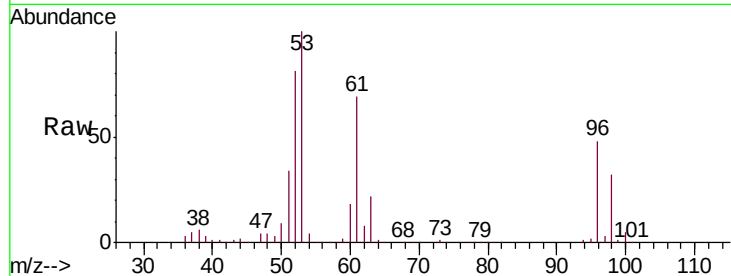
Tgt Ion: 96 Resp: 73367

Ion Ratio Lower Upper

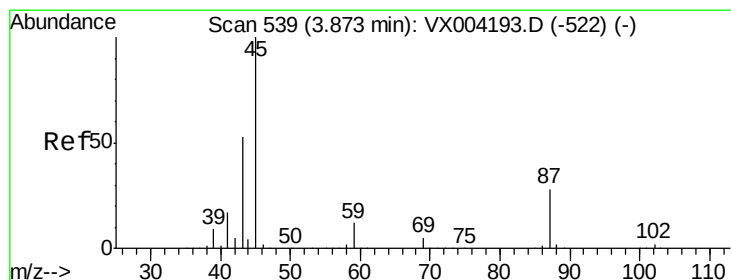
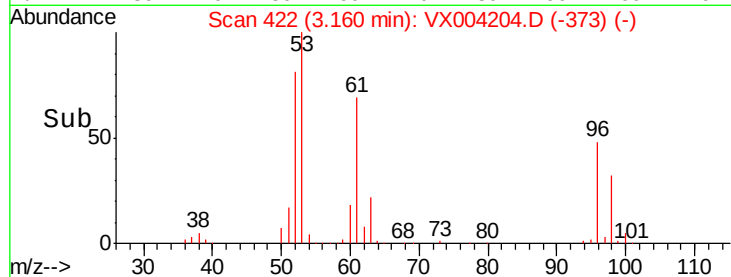
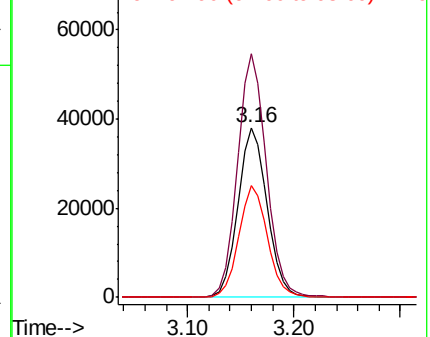
96 100

61 143.7 113.8 170.6

98 65.9 51.8 77.8



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



#22

Diisopropyl ether

Concen: 19.851 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Tgt Ion: 45 Resp: 237689

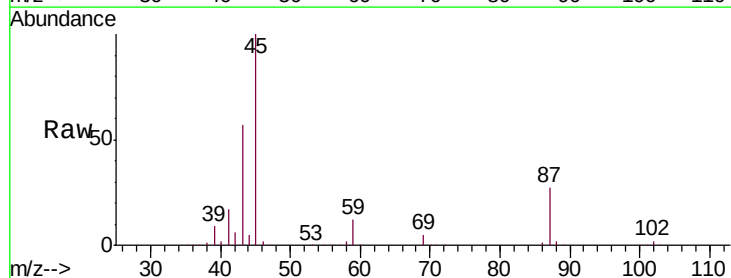
Ion Ratio Lower Upper

45 100

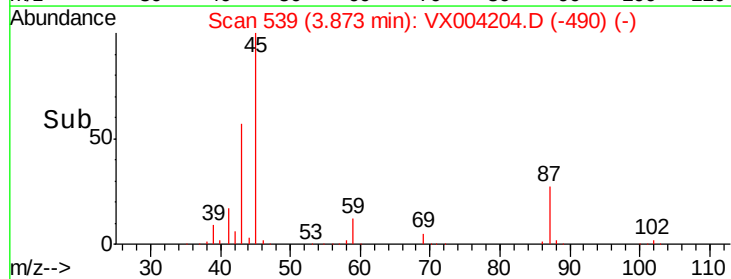
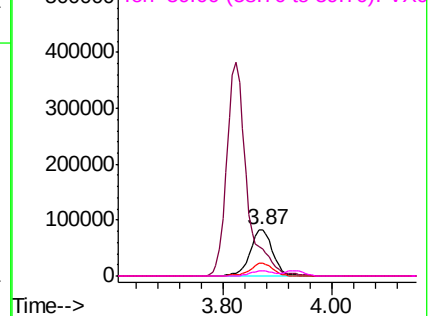
43 56.6 42.8 64.2

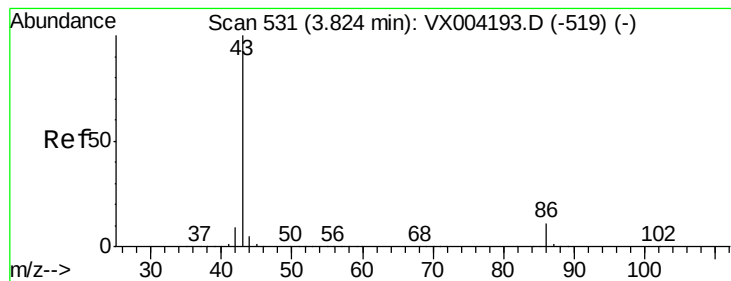
87 27.3 22.6 34.0

59 12.0 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.124 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

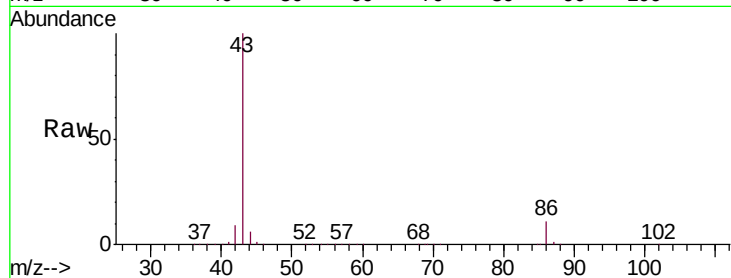
VX0822WBSD01

Tgt Ion: 43 Resp: 981361

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

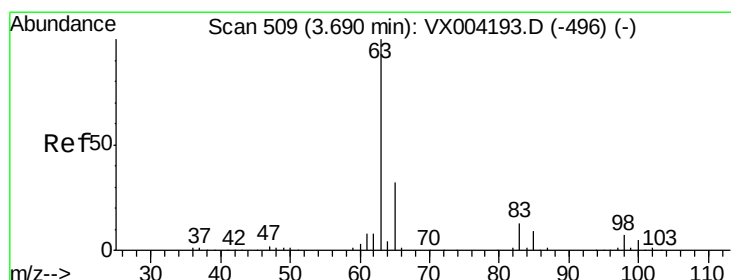
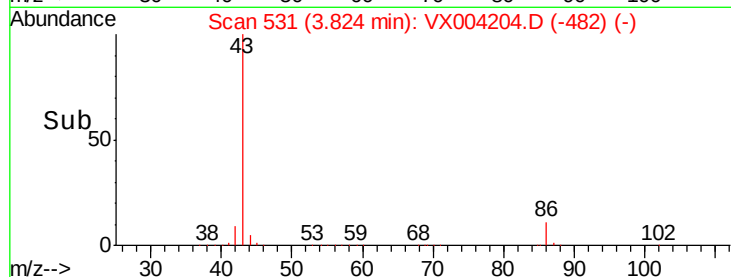
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 19.185 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

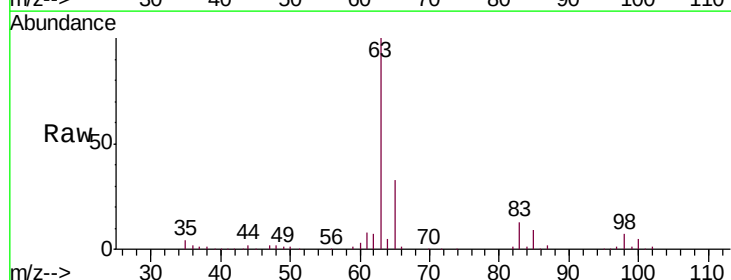
Tgt Ion: 63 Resp: 133874

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

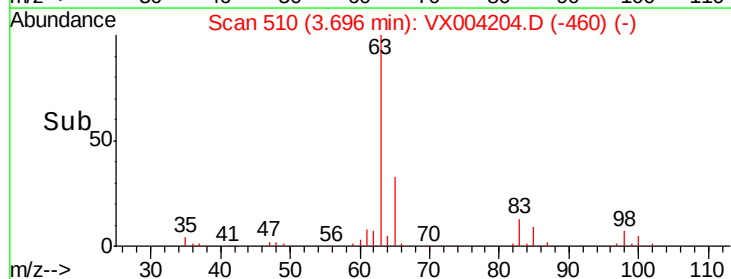
60000

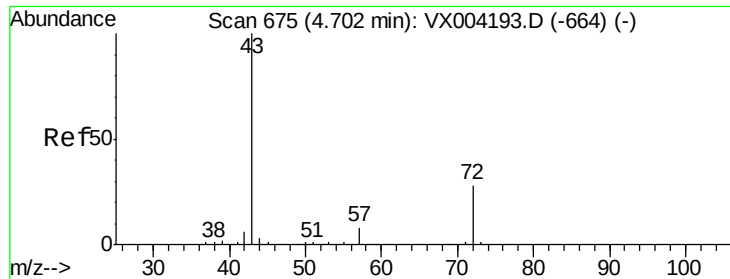
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 103.583 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

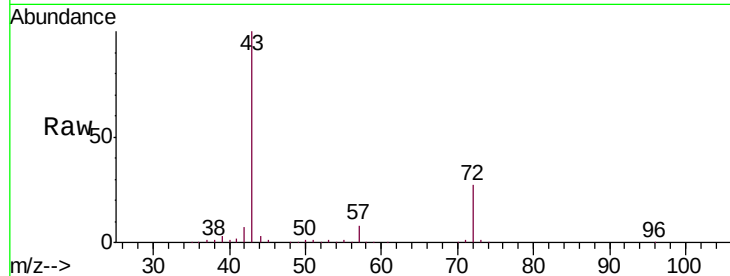
VX0822WBSD01

Tgt Ion: 43 Resp: 302854

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

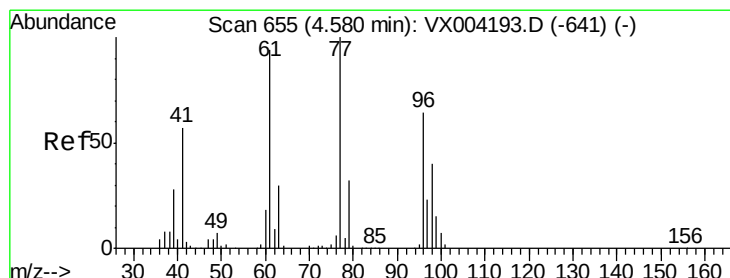
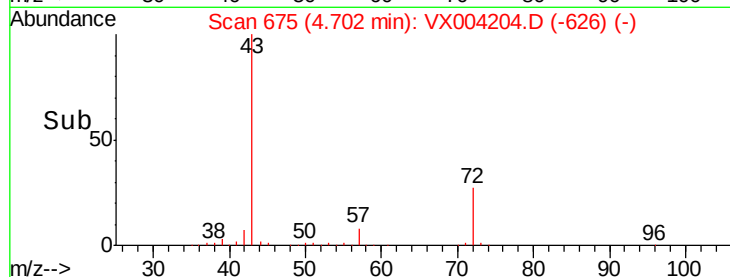
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.801 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004204.D

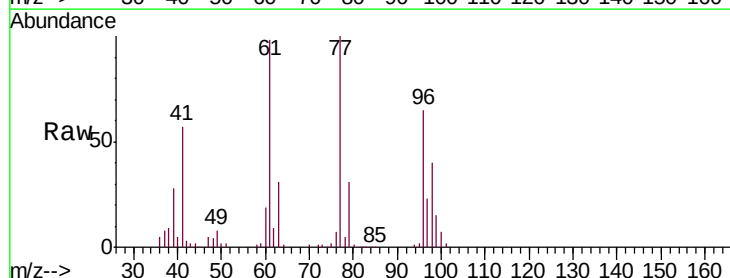
Acq: 22 Aug 2018 17:43

Tgt Ion: 77 Resp: 102896

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

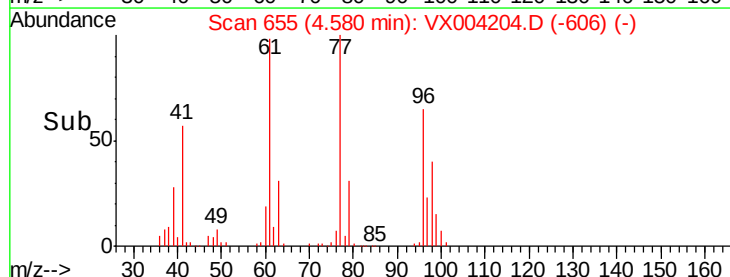
20000

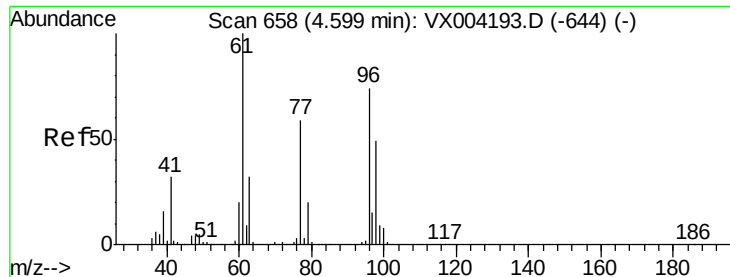
10000

0

4.40 4.50 4.60 4.70

Time-->



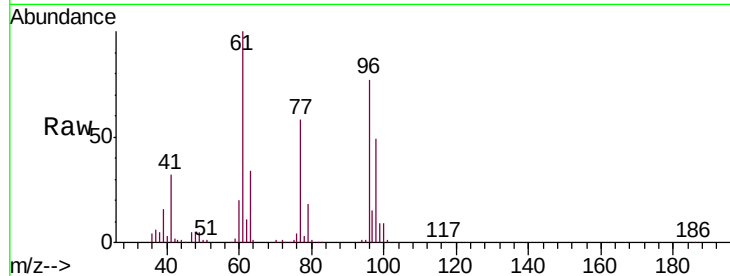


#27

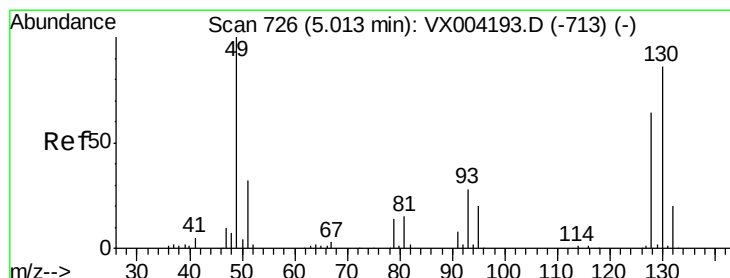
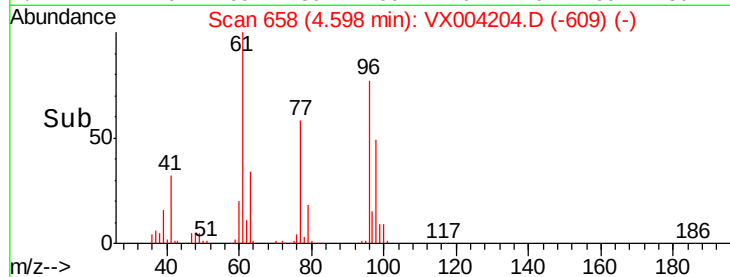
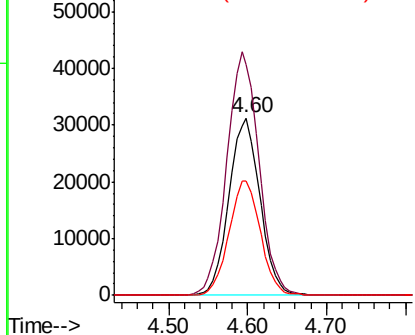
cis-1,2-Dichloroethene
 Concen: 19.509 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Tgt Ion: 96 Resp: 85485
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 282.6
 98 65.5 0.0 130.2



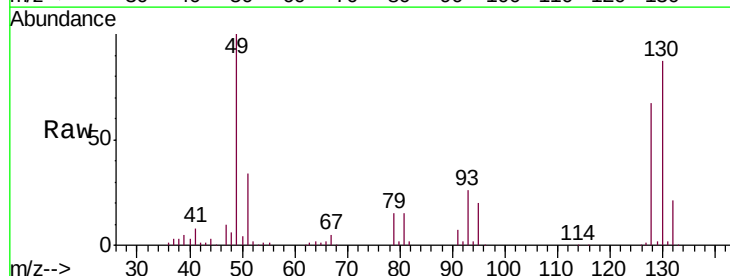
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



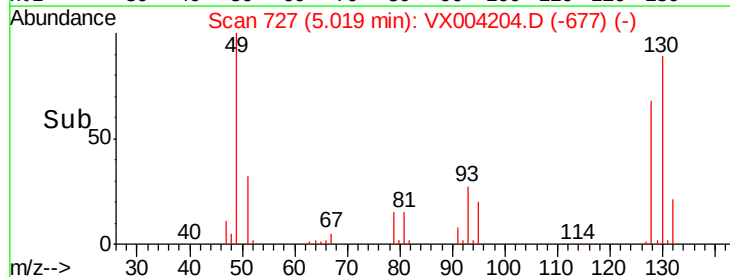
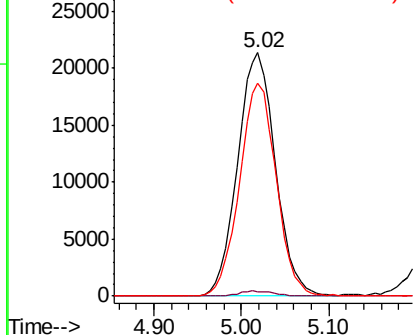
#28

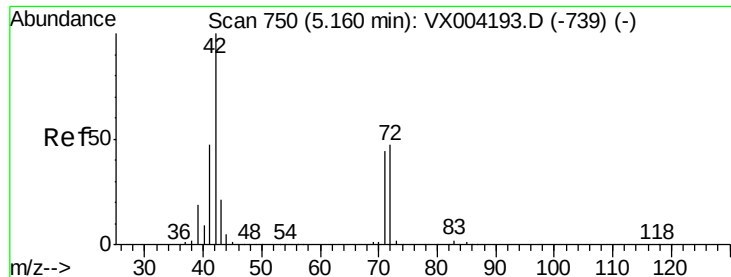
Bromochloromethane
 Concen: 20.811 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion: 49 Resp: 64292
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 84.7 67.5 101.3



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





#29

Tetrahydrofuran

Concen: 103.674 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

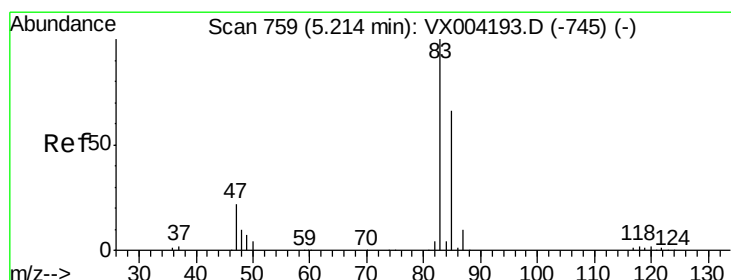
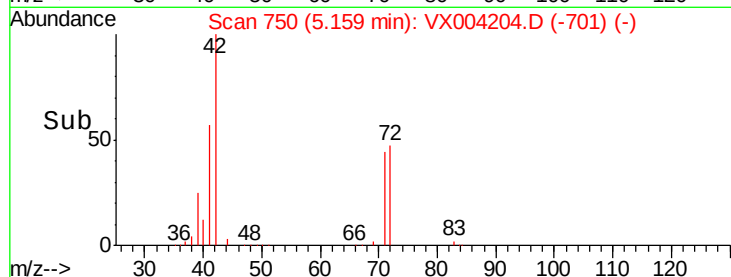
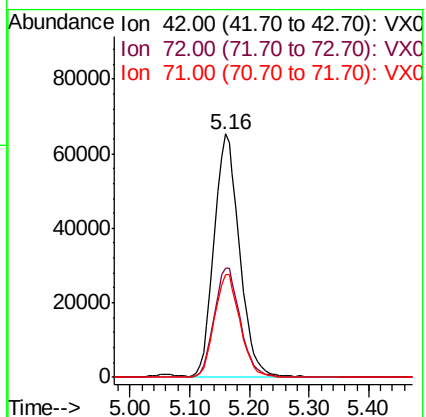
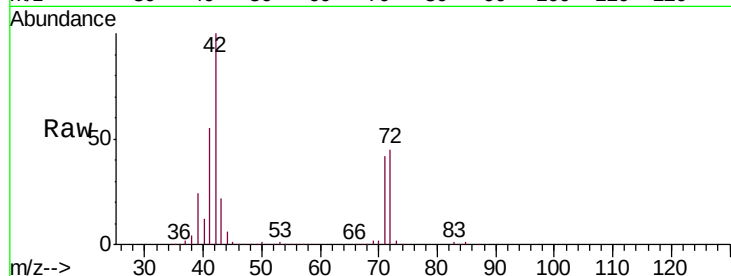
Tgt Ion: 42 Resp: 191282

Ion Ratio Lower Upper

42 100

72 46.2 37.4 56.0

71 42.8 34.5 51.7



#30

Chloroform

Concen: 19.914 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004204.D

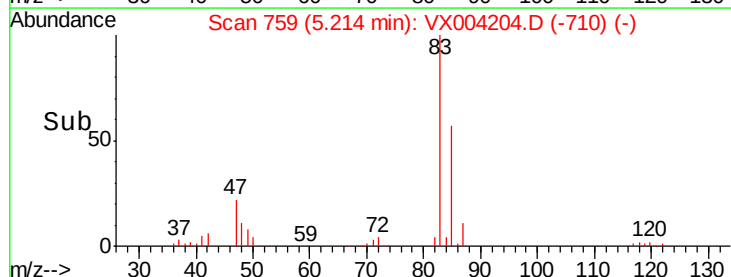
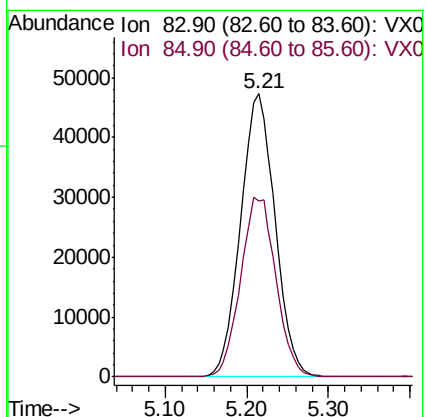
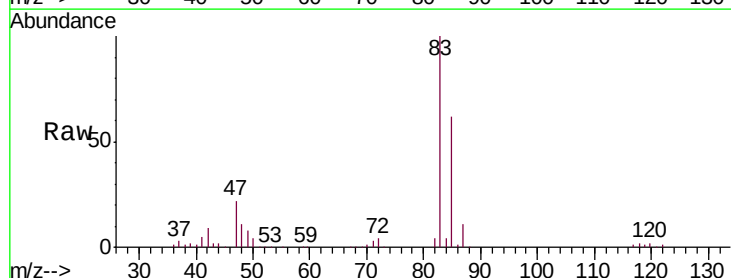
Acq: 22 Aug 2018 17:43

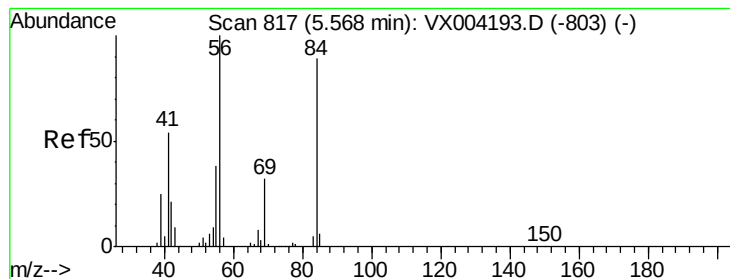
Tgt Ion: 83 Resp: 139323

Ion Ratio Lower Upper

83 100

85 62.2 52.6 79.0





#31

Cyclohexane

Concen: 20.063 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampled :

VX0822WBSD01

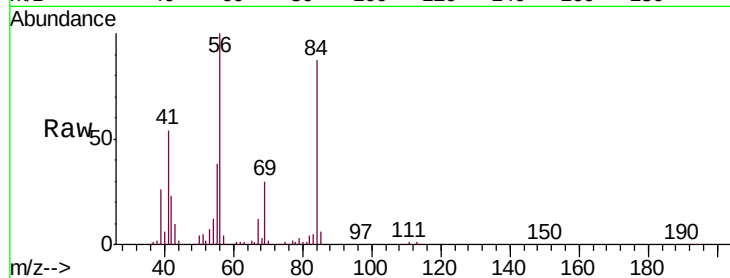
Tgt Ion: 56 Resp: 120796

Ion Ratio Lower Upper

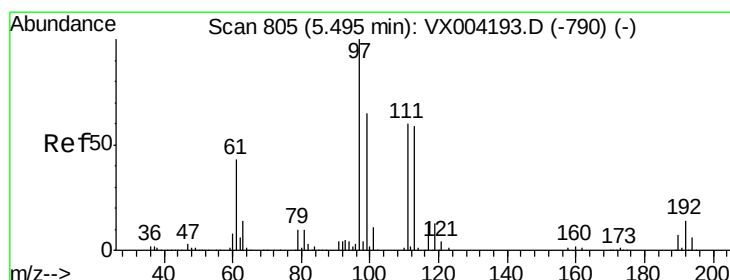
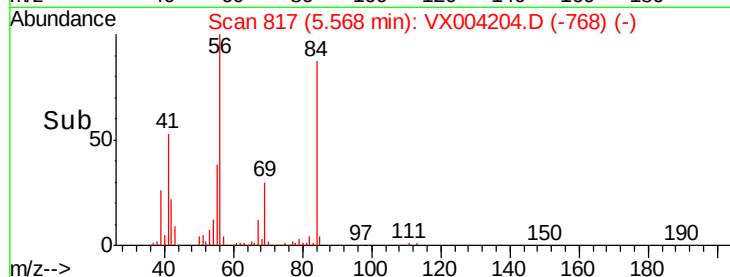
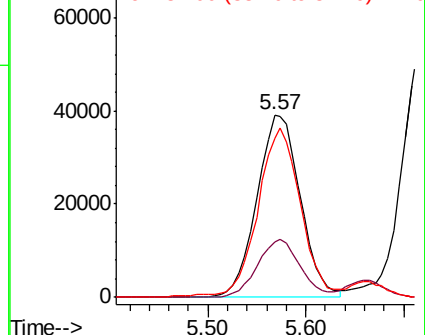
56 100

69 30.2 25.4 38.2

84 85.9 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 20.113 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

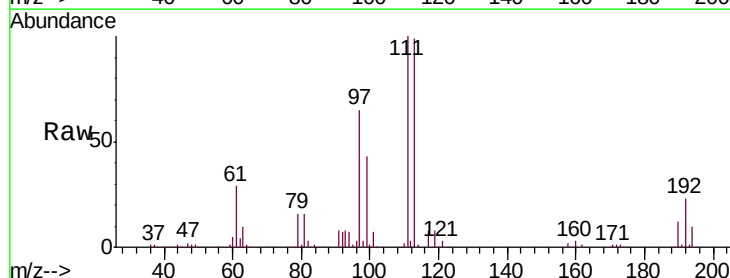
Tgt Ion: 97 Resp: 117338

Ion Ratio Lower Upper

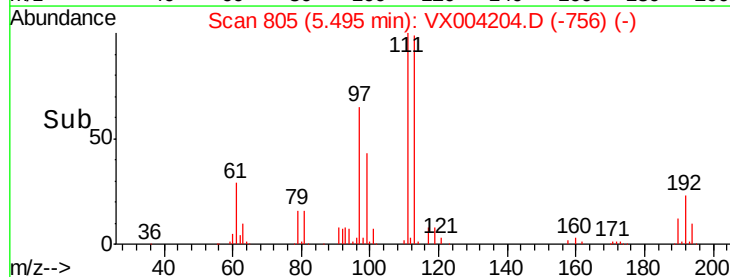
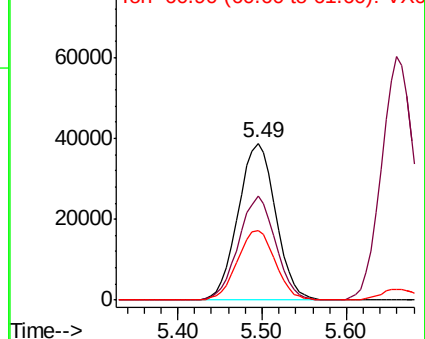
97 100

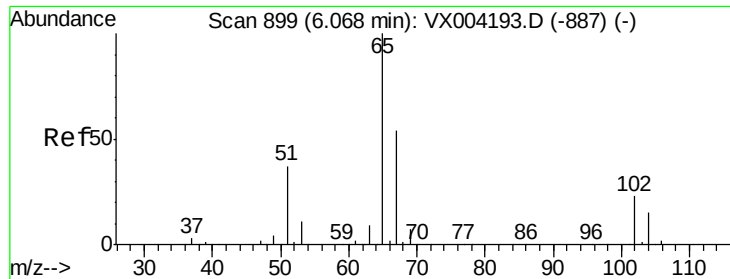
99 65.3 52.0 78.0

61 44.8 34.9 52.3



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

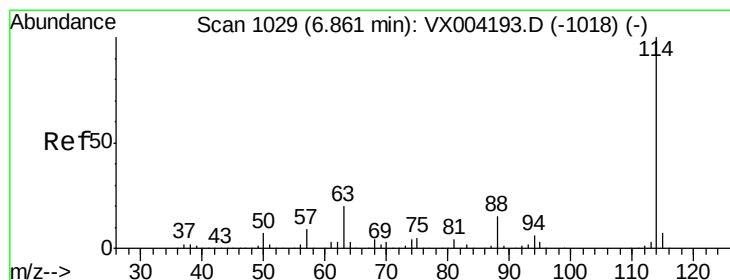
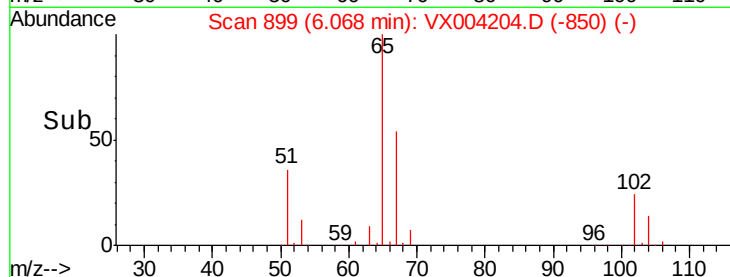
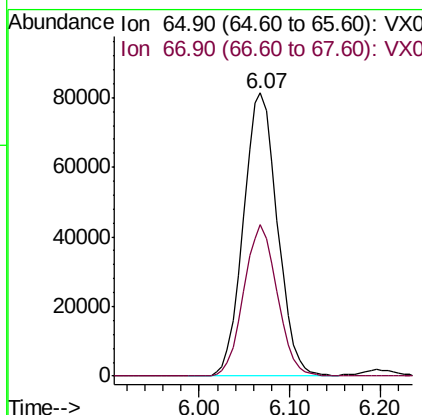
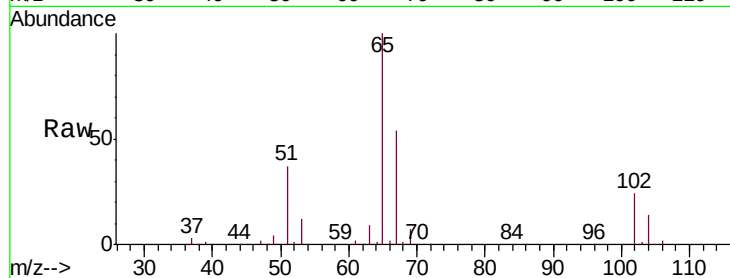




#33
 1,2-Dichloroethane-d4
 Concen: 49.135 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

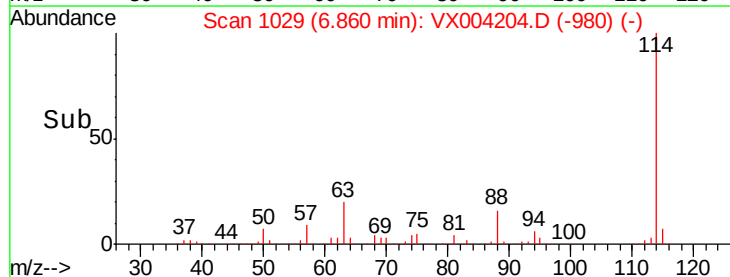
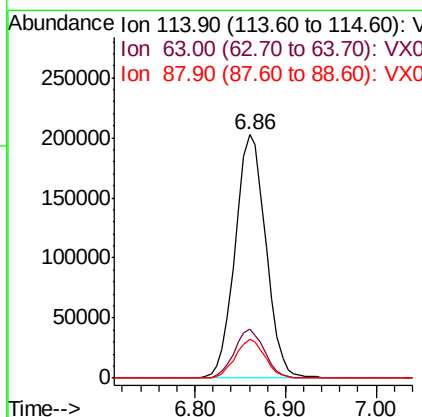
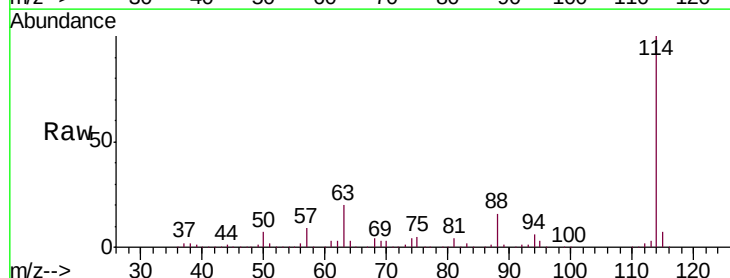
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

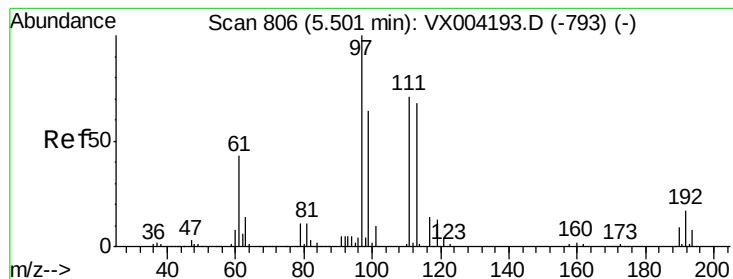
Tgt Ion: 65 Resp: 211001
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion: 114 Resp: 475569
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.336 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

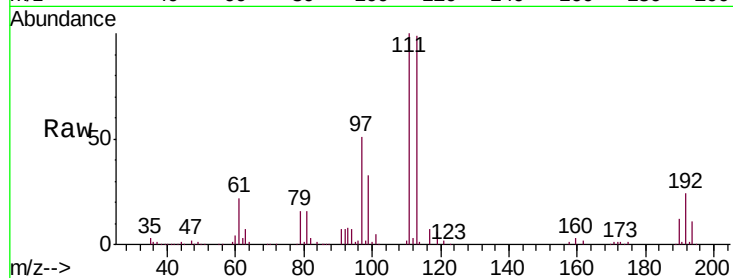
Tgt Ion:113 Resp: 178086

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

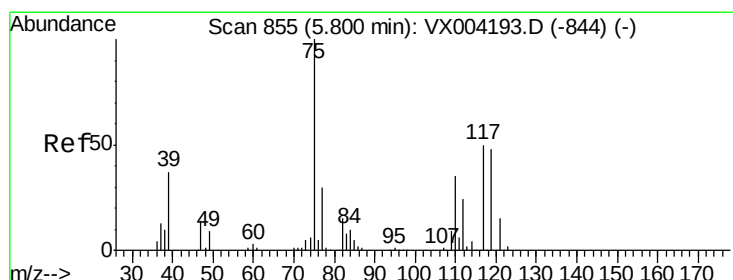
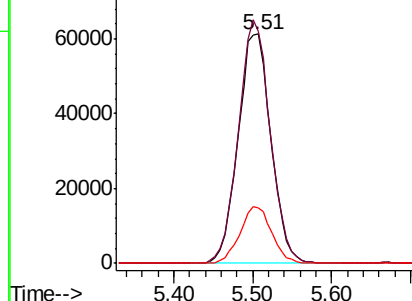
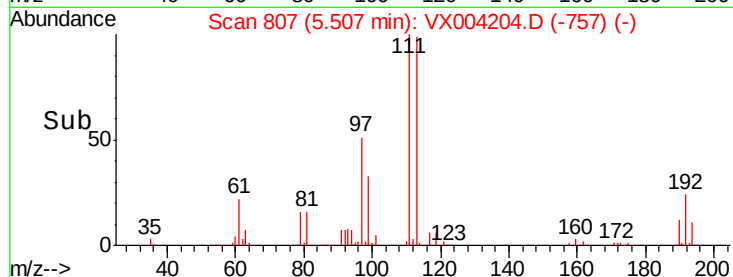
192 23.8 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.887 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

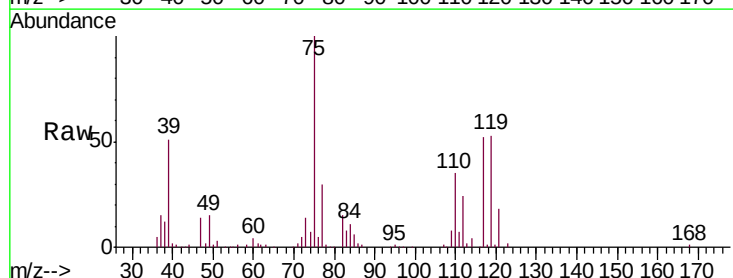
Tgt Ion: 75 Resp: 106324

Ion Ratio Lower Upper

75 100

110 36.1 18.0 54.0

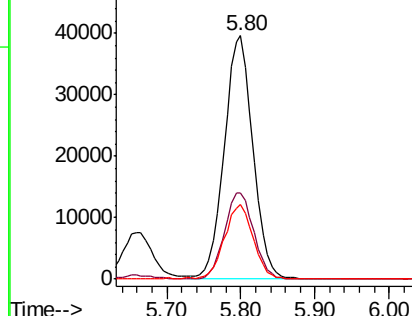
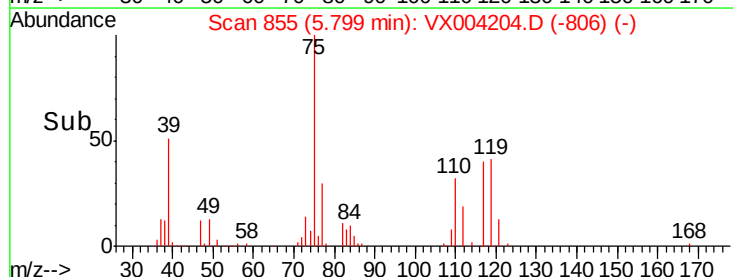
77 31.0 24.6 36.8

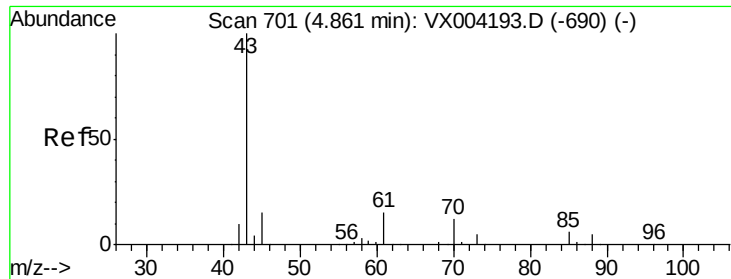


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

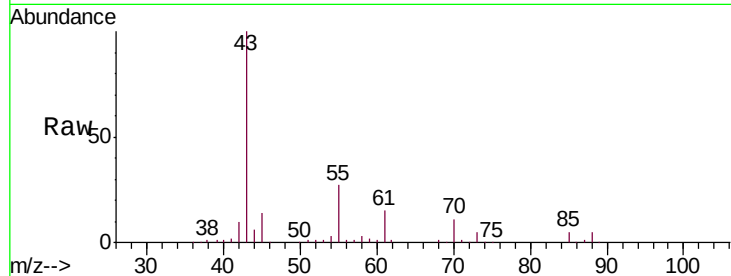




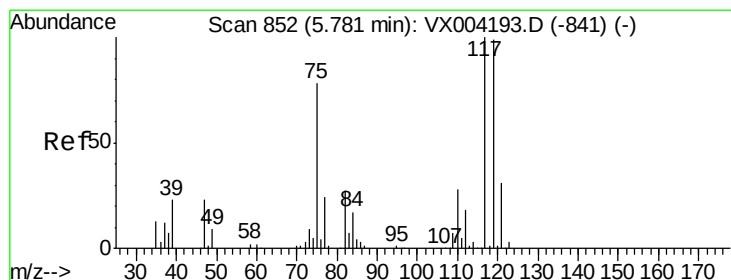
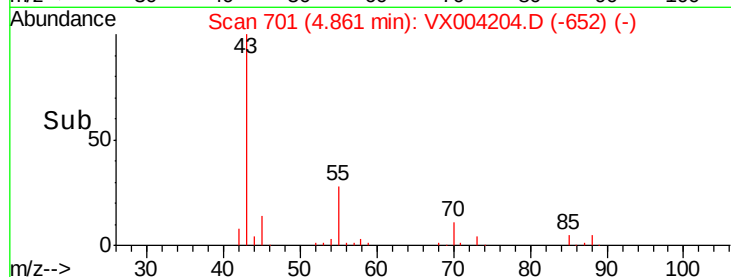
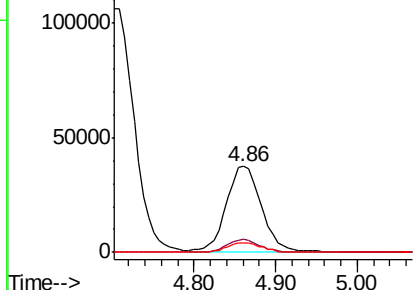
#37
Ethyl Acetate
Concen: 21.047 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Instrument :
MSVOA_X
ClientSampled :
VX0822WBSD01

Tgt Ion: 43 Resp: 110668
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.4 9.0 13.6

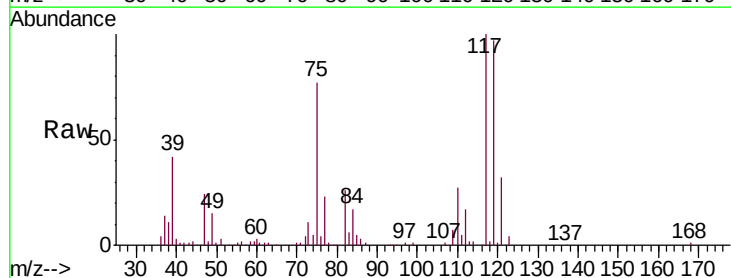


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

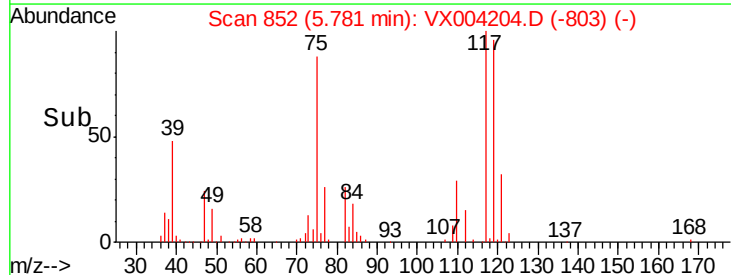
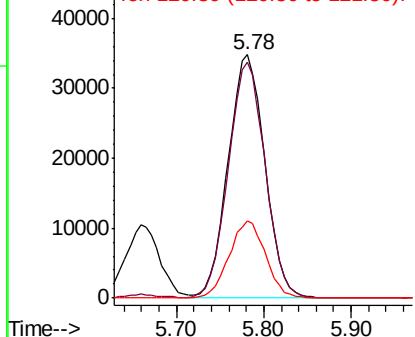


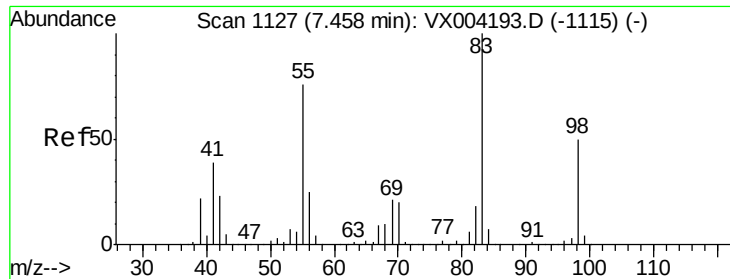
#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 117 Resp: 101721
Ion Ratio Lower Upper
117 100
119 96.5 78.8 118.2
121 31.8 24.9 37.3



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

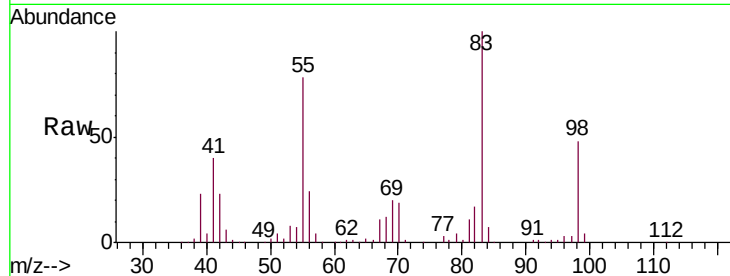




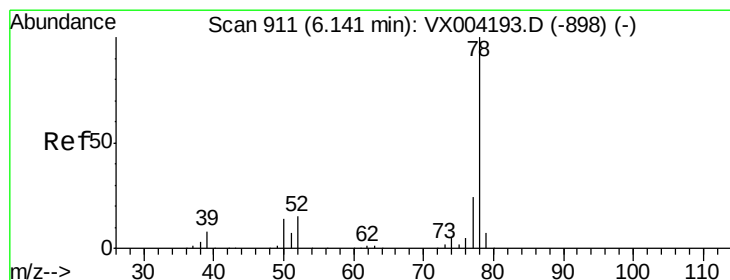
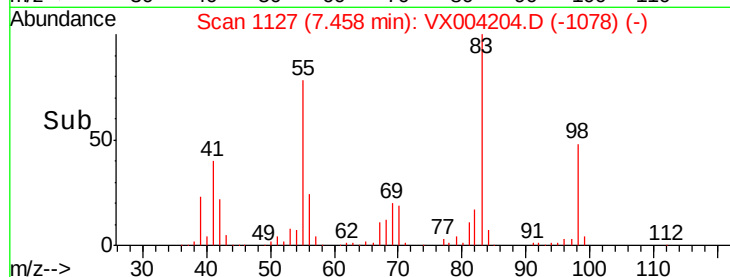
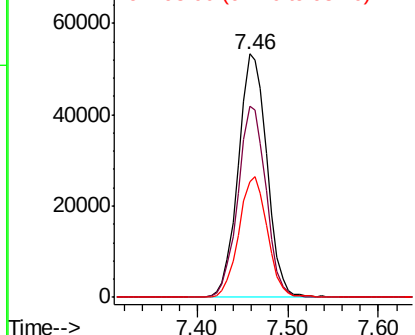
#39
Methylcyclohexane
Concen: 19.121 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Instrument :
MSVOA_X
ClientSampled :
VX0822WBSD01

Tgt Ion: 83 Resp: 116721
Ion Ratio Lower Upper
83 100
55 78.3 61.0 91.4
98 47.6 39.6 59.4

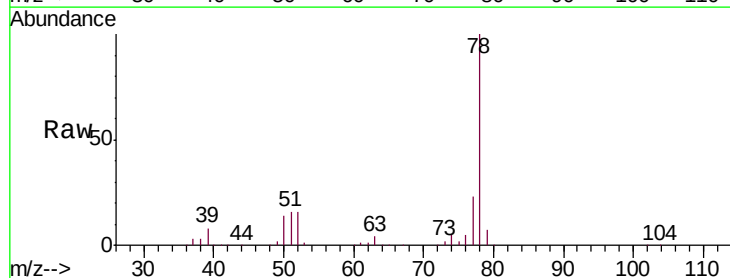


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

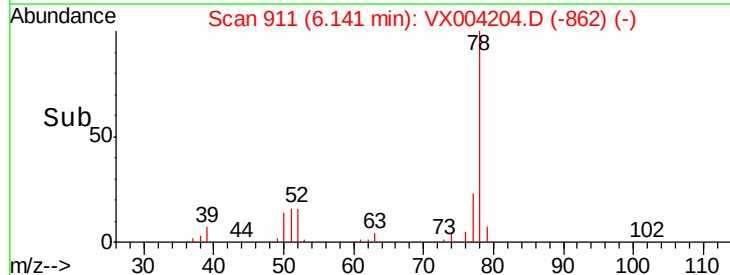
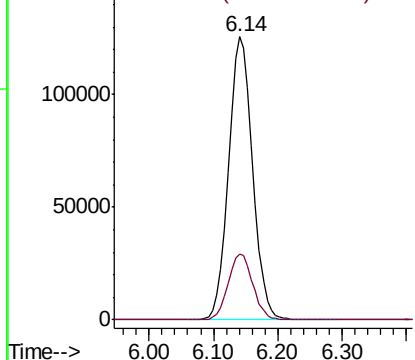


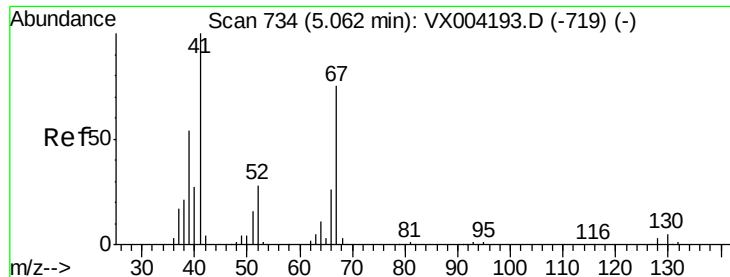
#40
Benzene
Concen: 20.608 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 78 Resp: 329226
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



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

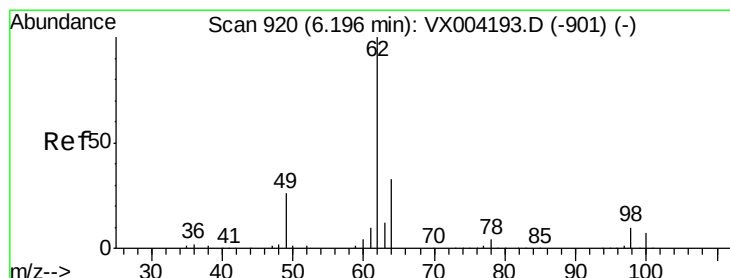
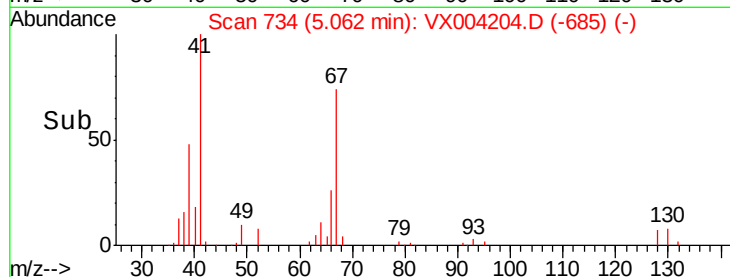
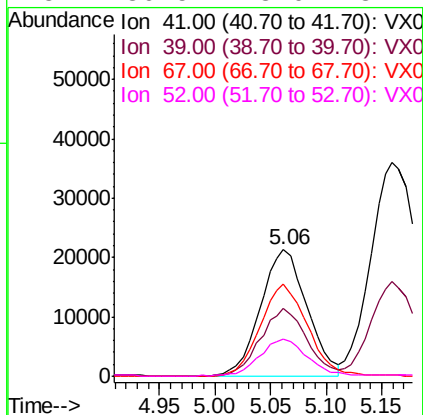
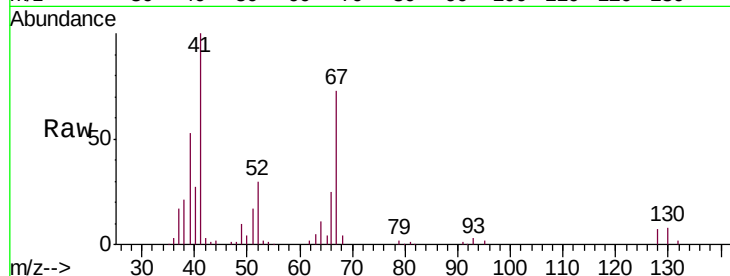




#41
Methacrylonitrile
Concen: 20.266 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

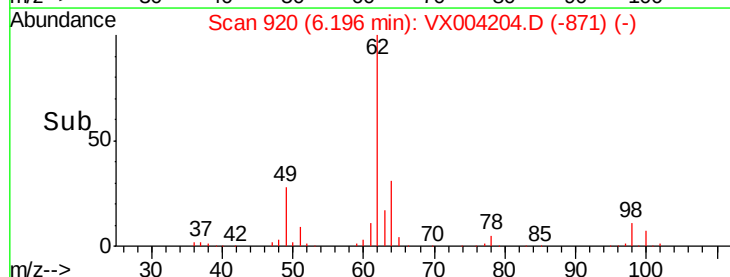
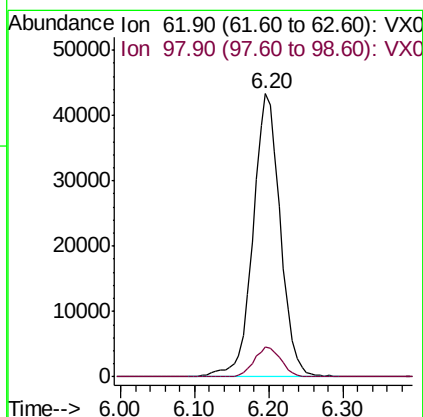
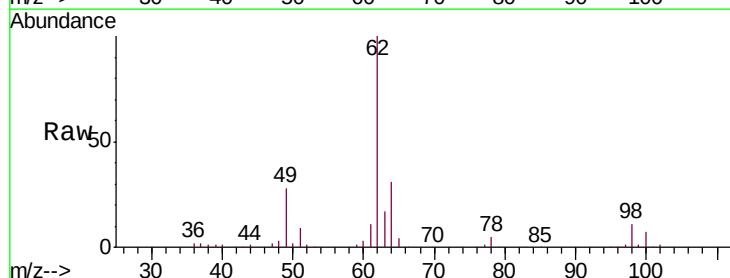
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

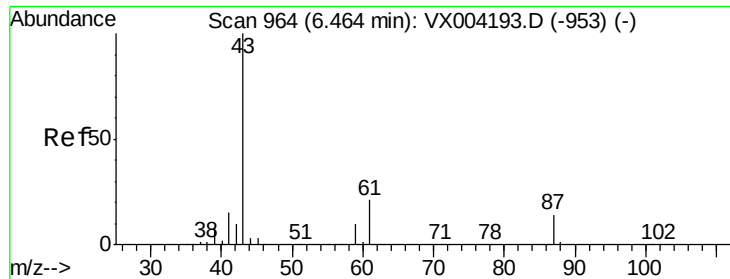
Tgt Ion:	41	Resp:	61768
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.4	63.6
67	74.7	59.2	88.8
52	30.5	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.243 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion:	62	Resp:	110312
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6

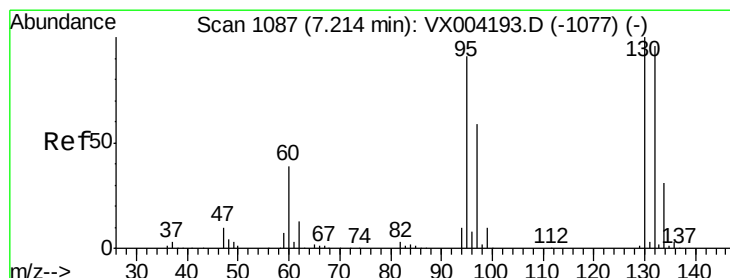
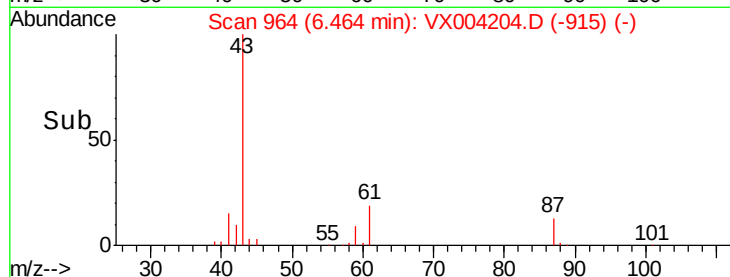
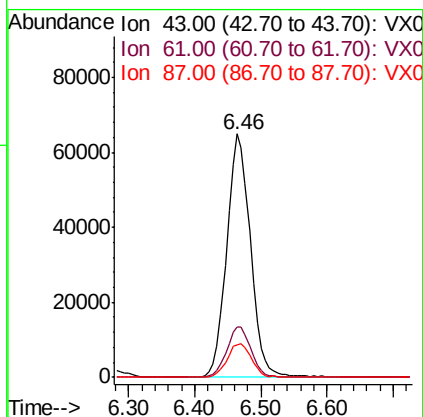
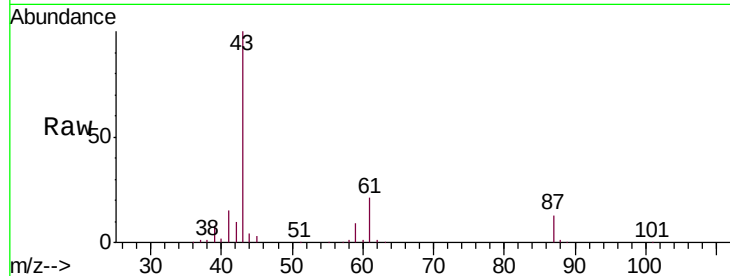




#43
Isopropyl Acetate
Concen: 19.977 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

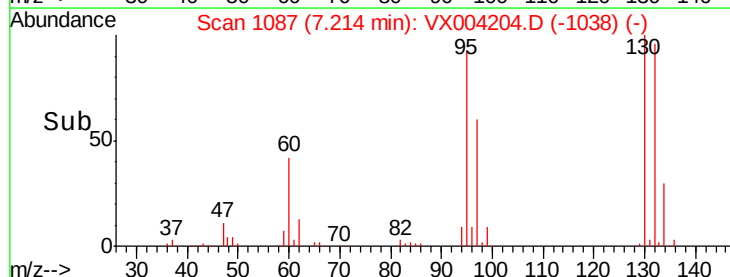
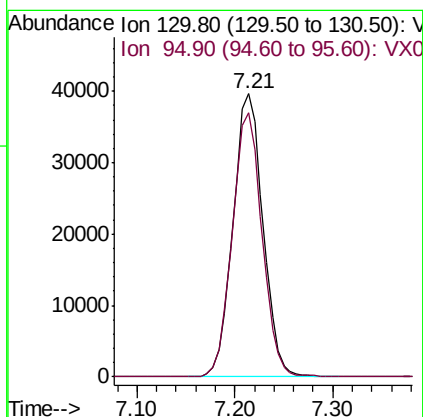
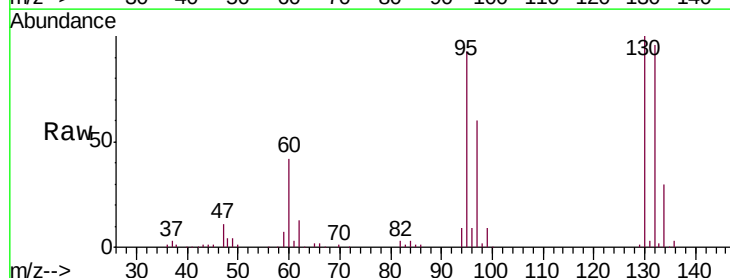
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

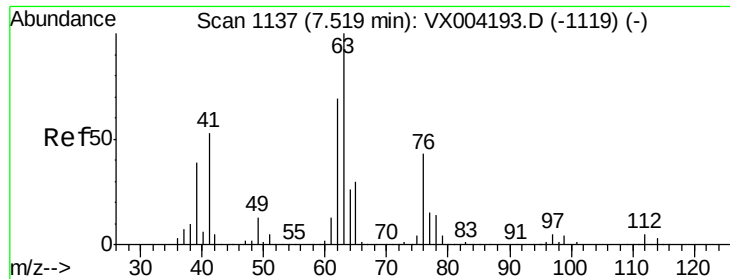
Tgt Ion: 43 Resp: 161409
Ion Ratio Lower Upper
43 100
61 21.2 17.0 25.4
87 14.2 11.4 17.2



#44
Trichloroethene
Concen: 19.068 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 130 Resp: 84321
Ion Ratio Lower Upper
130 100
95 93.4 0.0 181.6

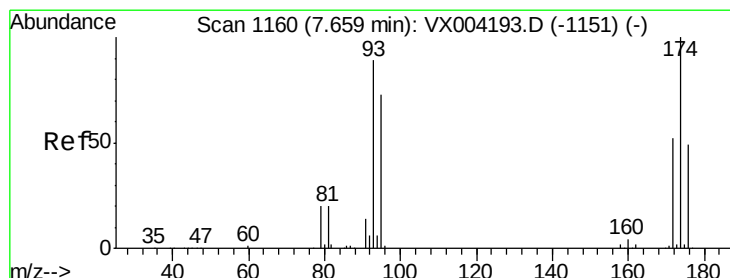
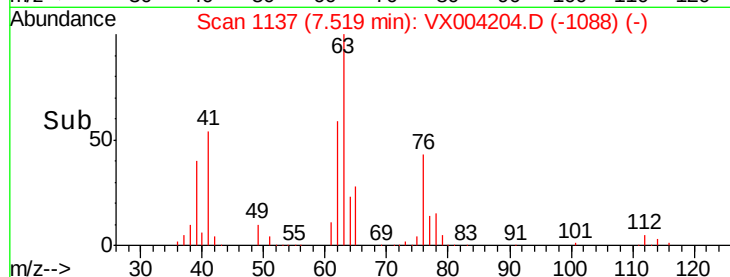
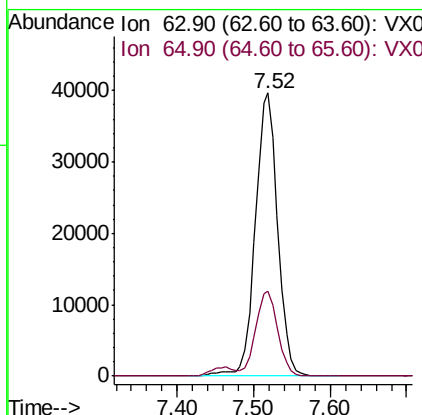
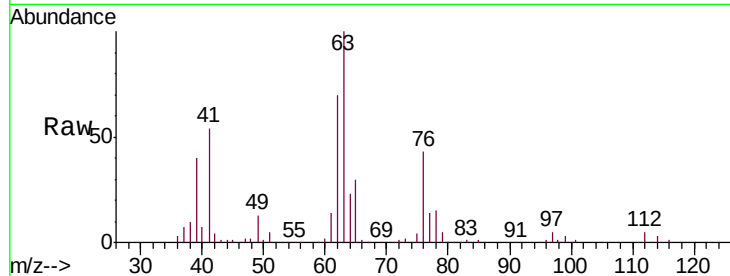




#45
 1,2-Dichloropropane
 Concen: 20.236 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

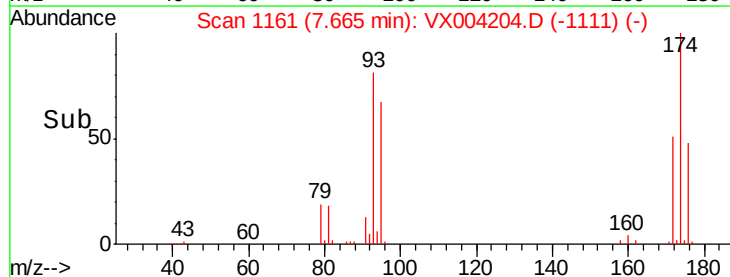
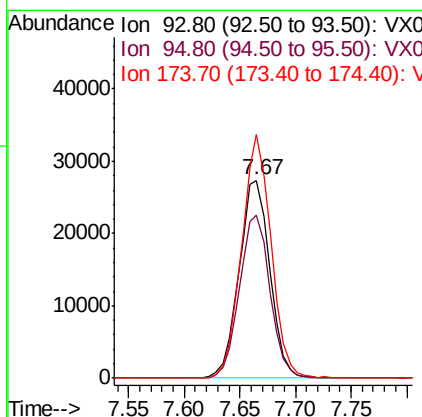
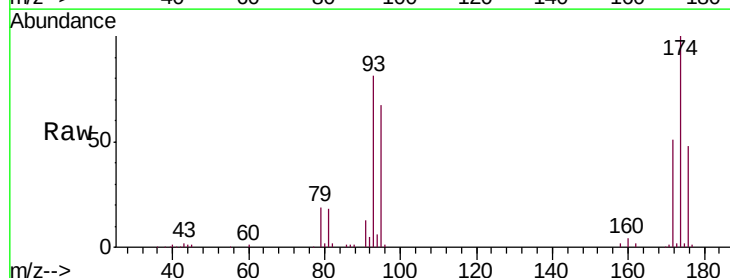
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

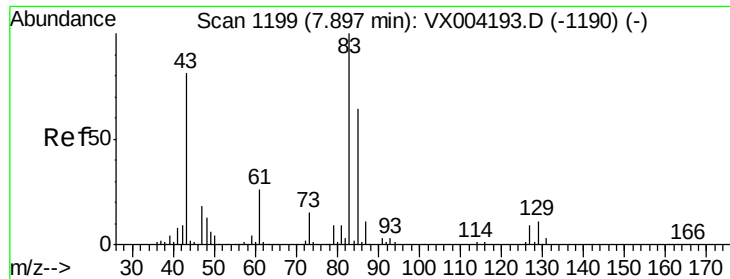
Tgt Ion: 63 Resp: 80913
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.3 36.5



#46
 Dibromomethane
 Concen: 19.691 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion: 93 Resp: 52423
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.5 98.3
 174 117.6 94.2 141.4





#47

Bromodichloromethane

Concen: 19.635 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

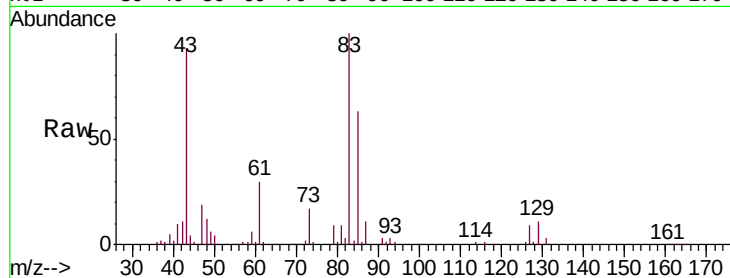
Tgt Ion: 83 Resp: 97270

Ion Ratio Lower Upper

83 100

85 62.9 50.9 76.3

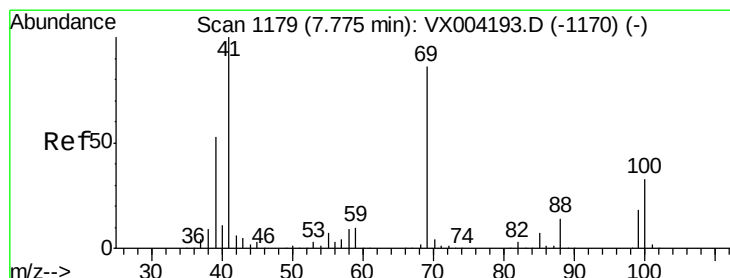
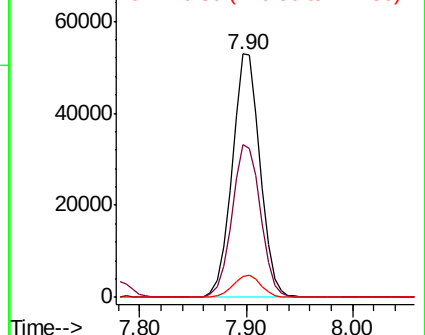
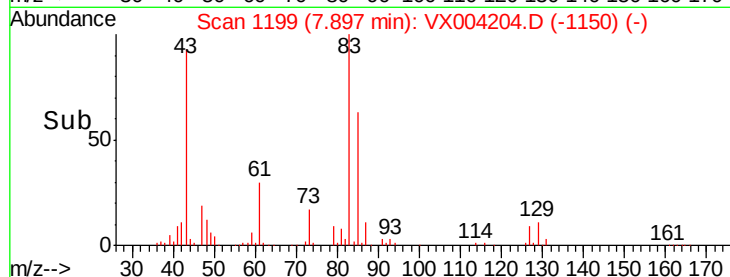
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.673 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

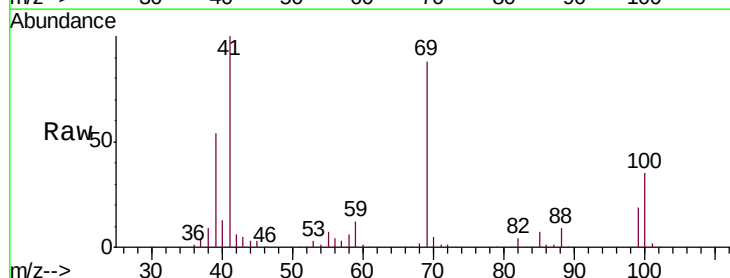
Tgt Ion: 41 Resp: 85053

Ion Ratio Lower Upper

41 100

69 87.4 70.2 105.4

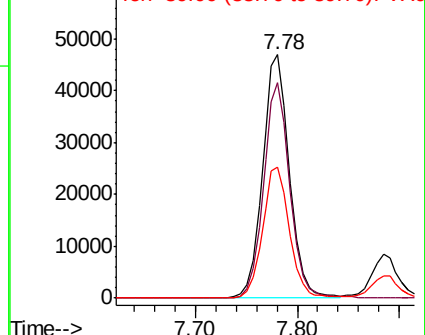
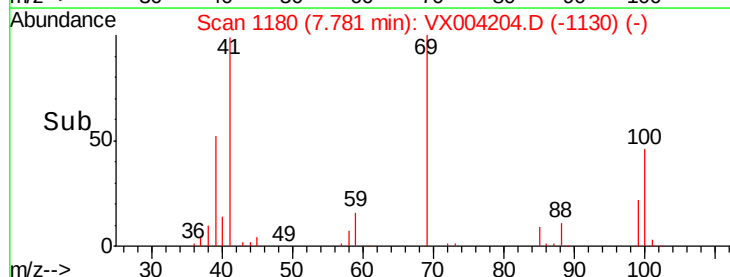
39 54.6 42.7 64.1

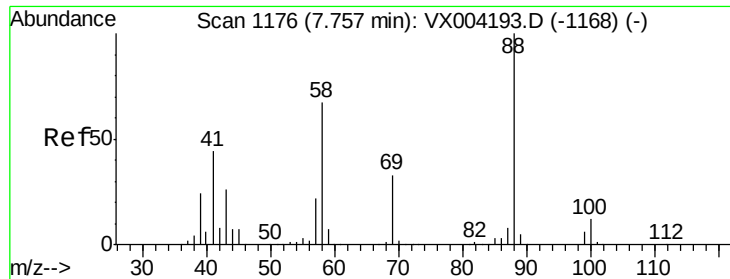


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

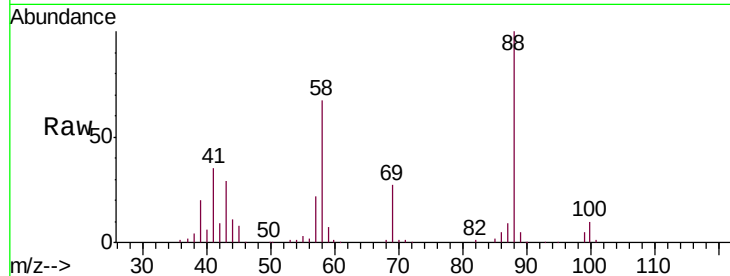




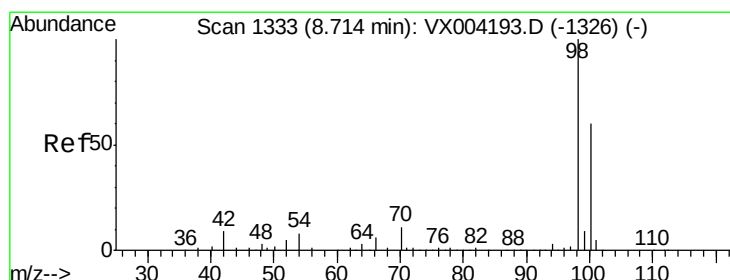
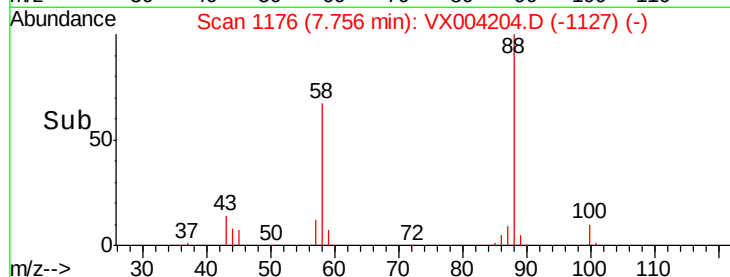
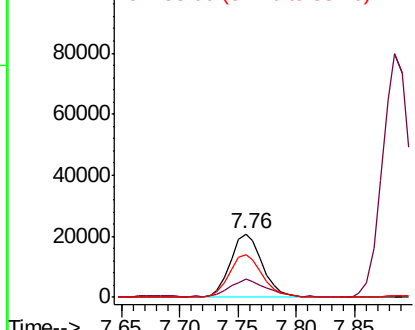
#49
1,4-Dioxane
Concen: 405.592 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion: 88 Resp: 39812
Ion Ratio Lower Upper
88 100
43 31.2 24.7 37.1
58 69.8 55.3 82.9

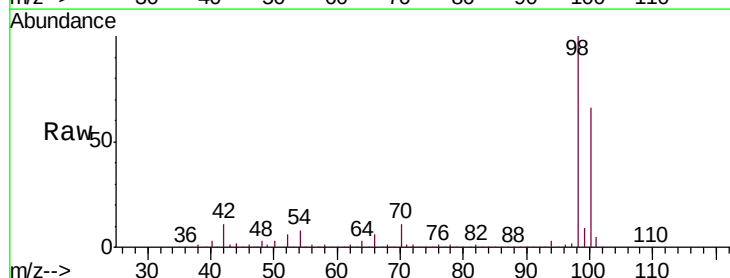


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

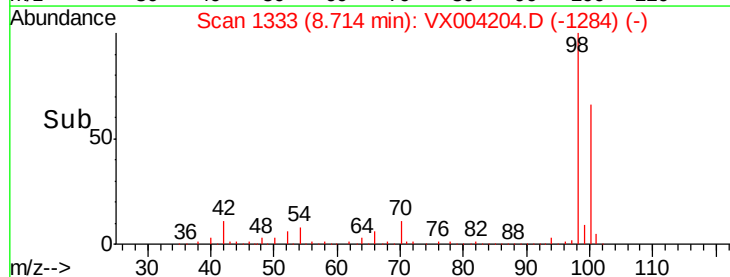
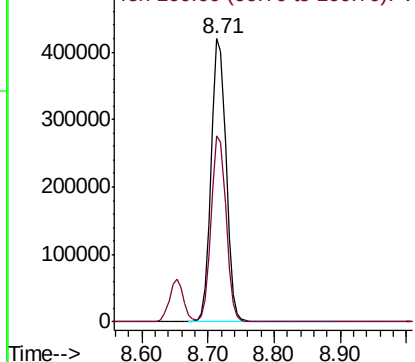


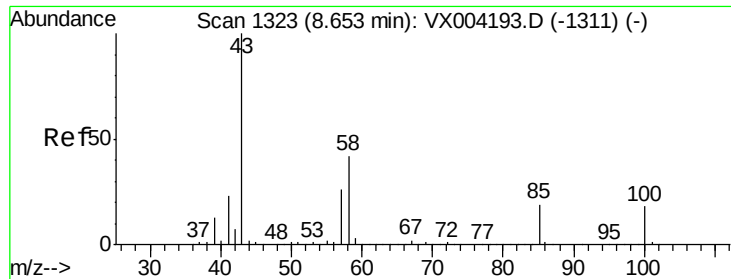
#50
Toluene-d8
Concen: 48.978 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 98 Resp: 654075
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



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

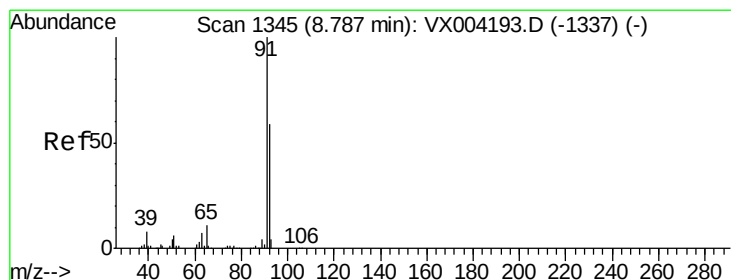
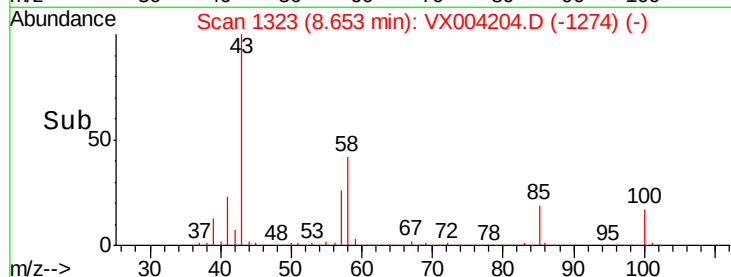
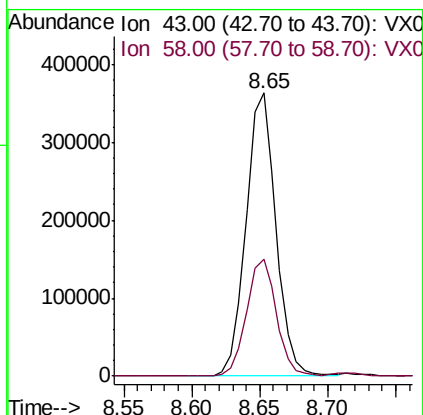
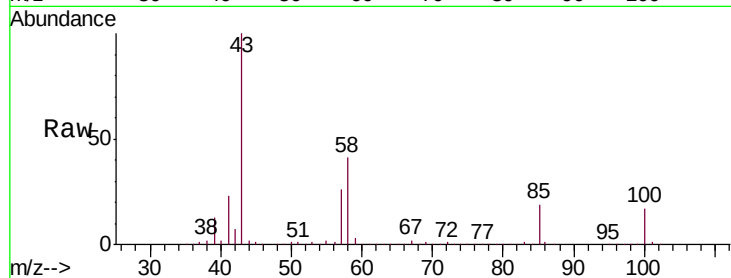




#51
 4-Methyl-2-Pentanone
 Concen: 95.585 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

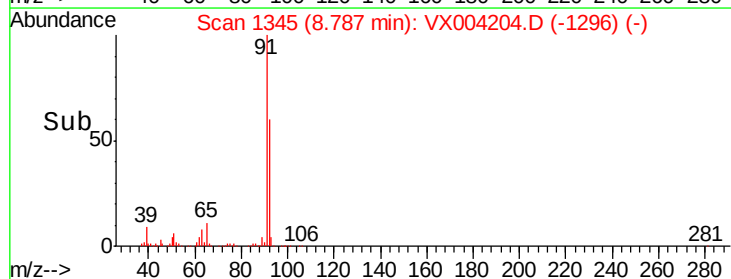
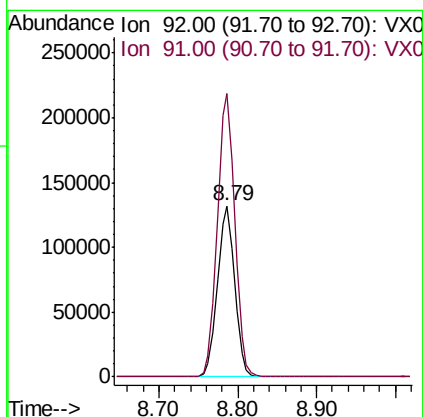
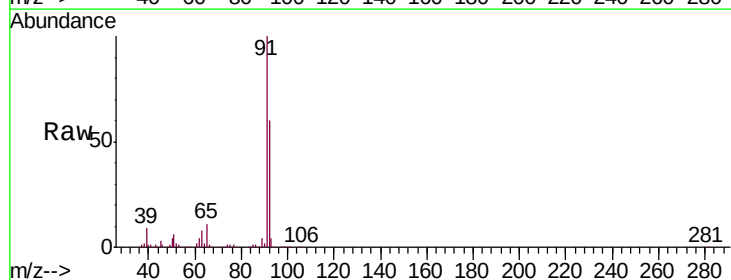
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

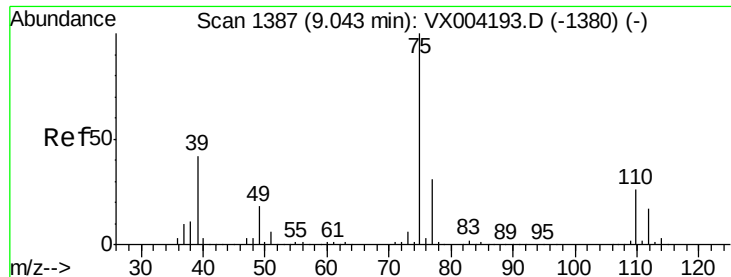
Tgt Ion: 43 Resp: 561136
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.1 49.7



#52
 Toluene
 Concen: 20.181 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion: 92 Resp: 201820
 Ion Ratio Lower Upper
 92 100
 91 168.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.278 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

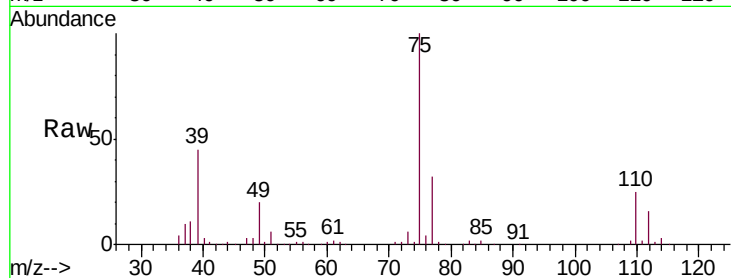
VX0822WBSD01

Tgt Ion: 75 Resp: 105477

Ion Ratio Lower Upper

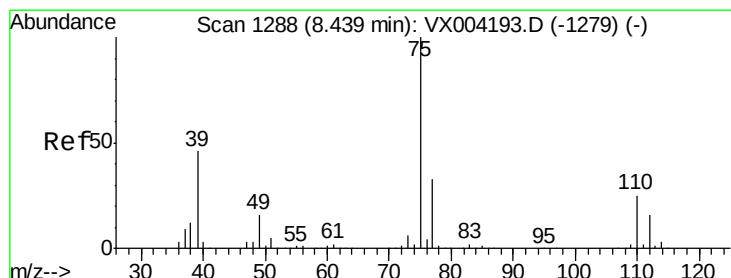
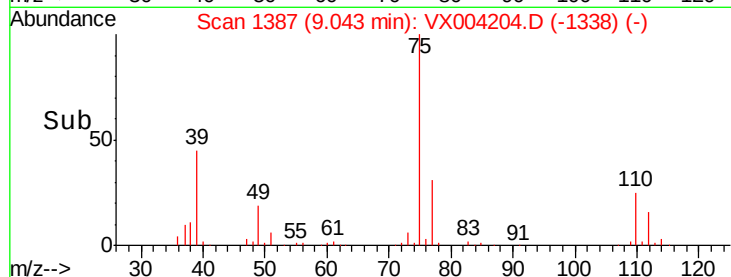
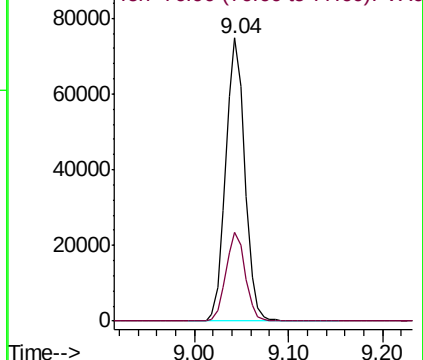
75 100

77 31.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.773 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

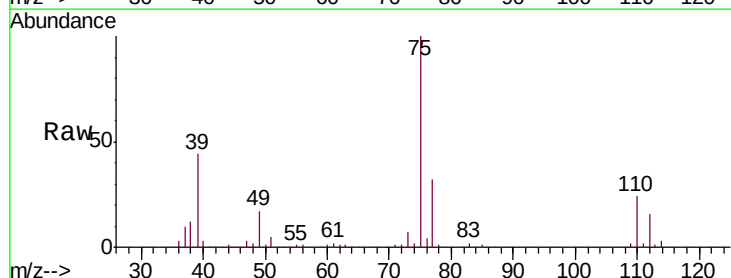
Tgt Ion: 75 Resp: 117847

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

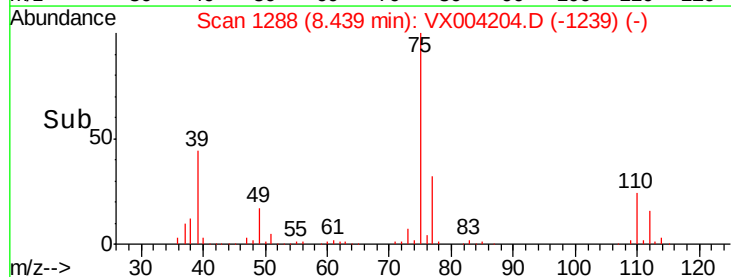
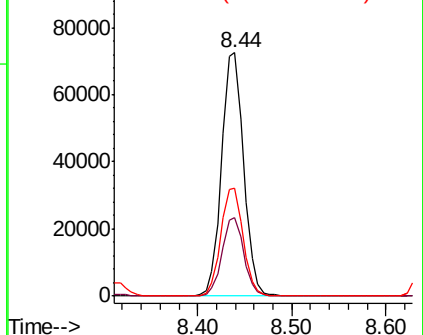
39 44.1 36.4 54.6

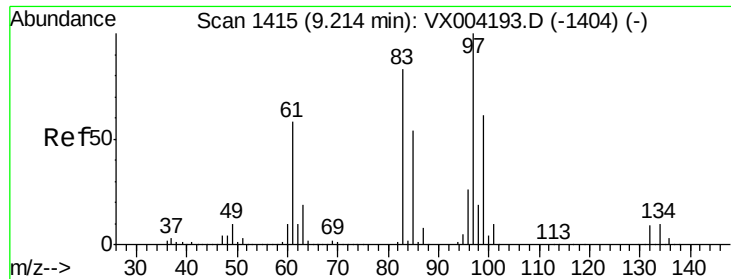


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

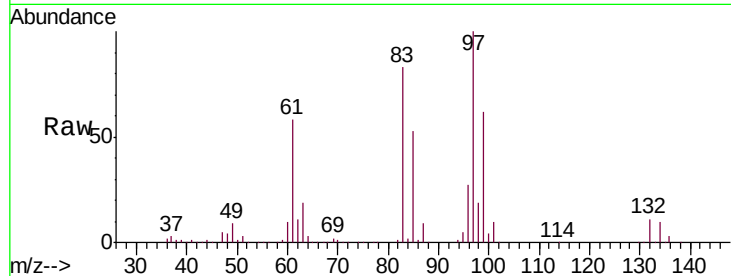




#55
 1,1,2-Trichloroethane
 Concen: 19.991 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Tgt Ion:	97	Resp:	80701
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.4	99.6
85	52.7	43.3	64.9
99	61.5	49.0	73.4



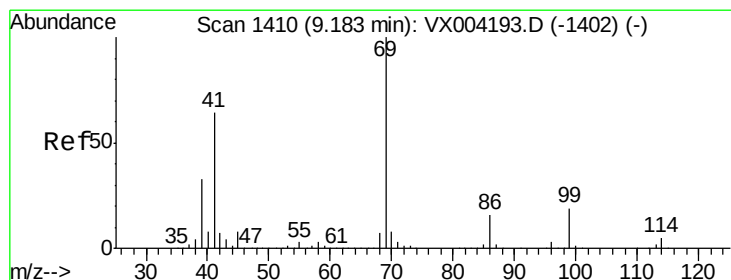
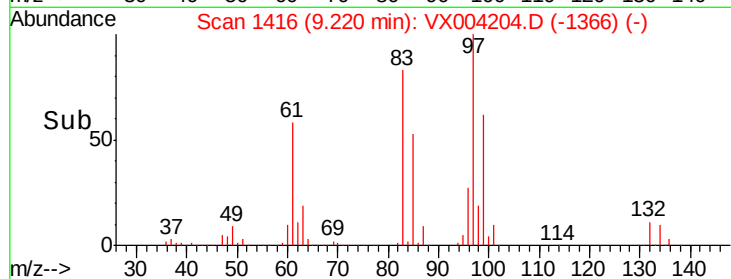
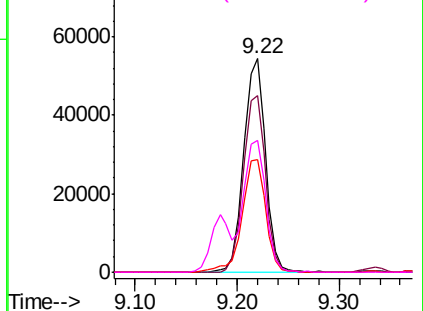
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

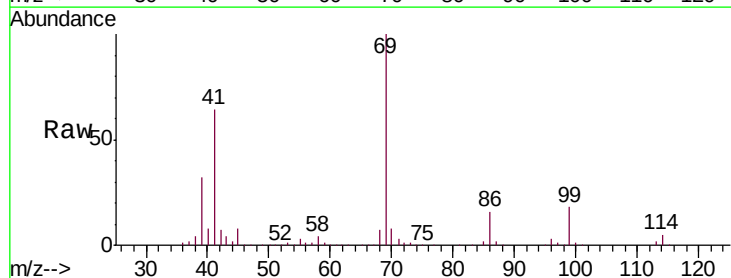
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.634 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion:	69	Resp:	107898
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.0	76.4
39	32.4	26.1	39.1

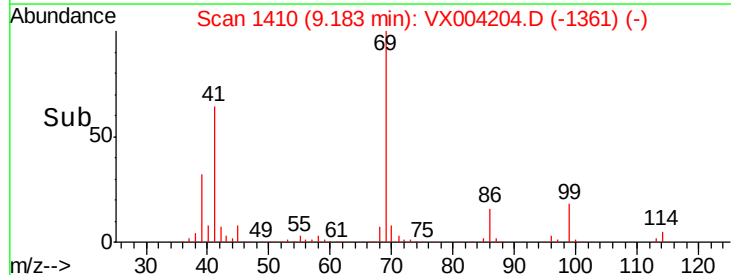
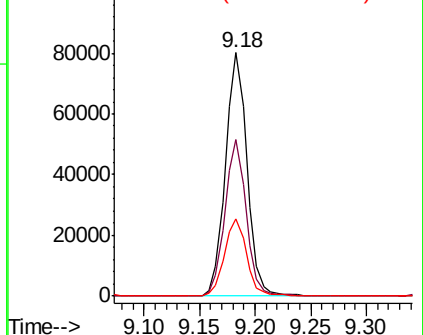


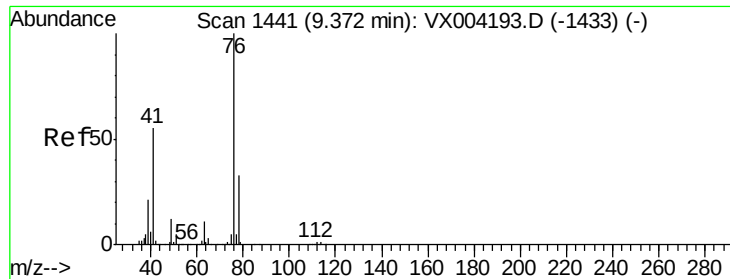
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.943 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampled :

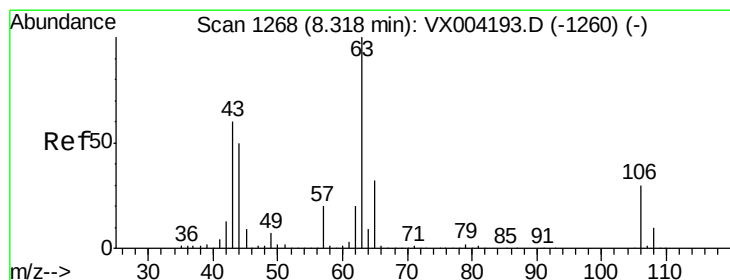
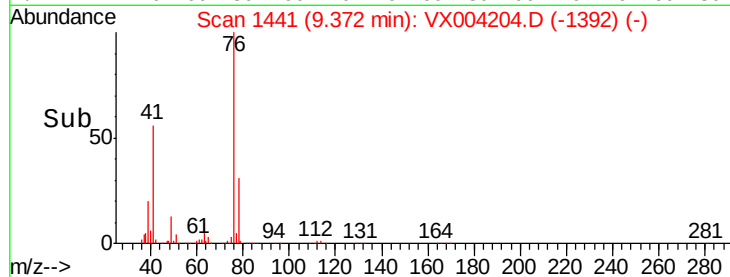
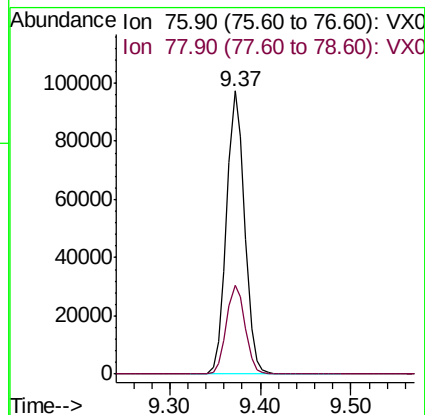
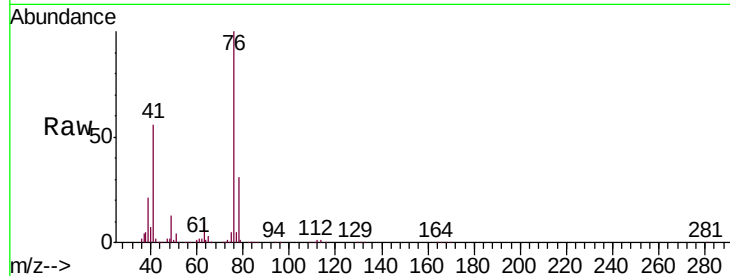
VX0822WBSD01

Tgt Ion: 76 Resp: 135703

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 104.317 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004204.D

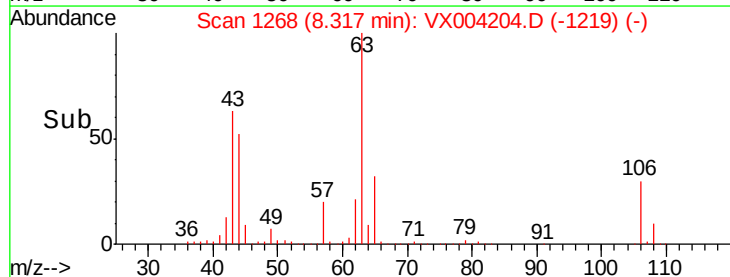
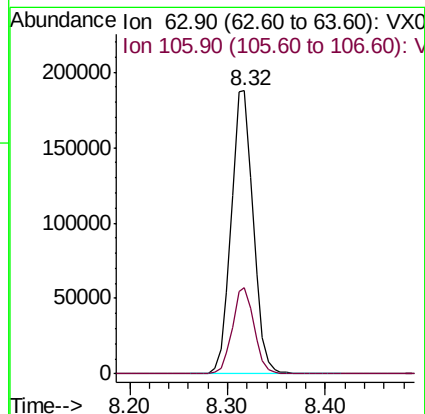
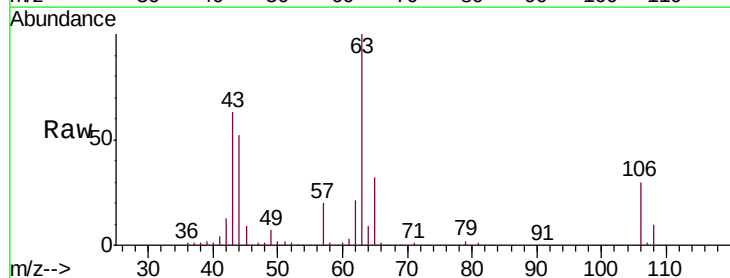
Acq: 22 Aug 2018 17:43

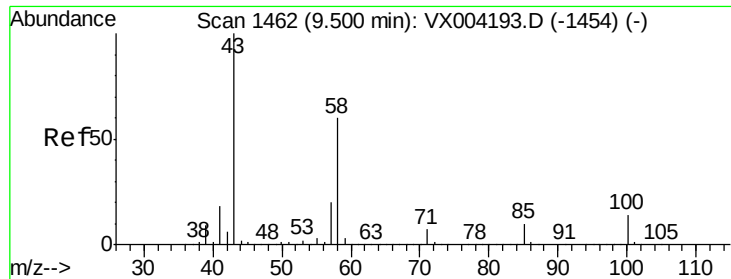
Tgt Ion: 63 Resp: 293735

Ion Ratio Lower Upper

63 100

106 29.9 23.9 35.9

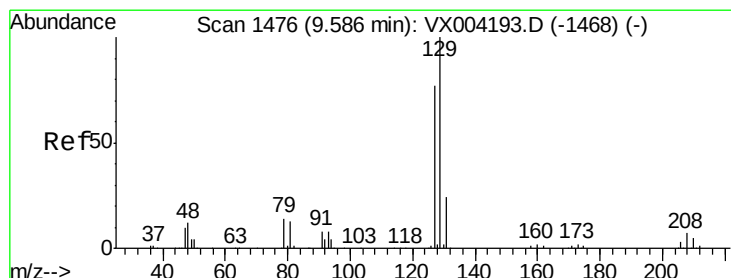
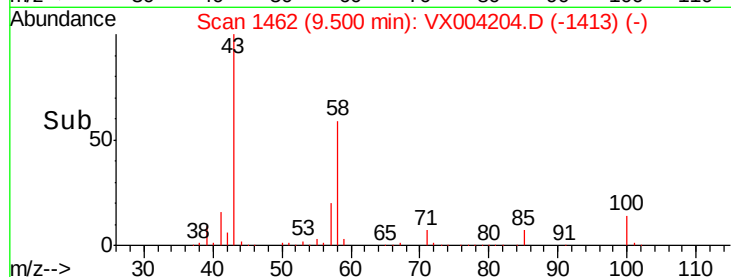
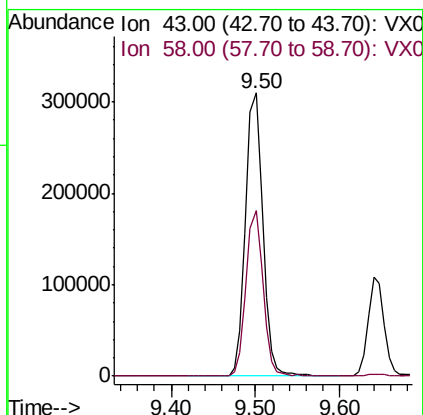
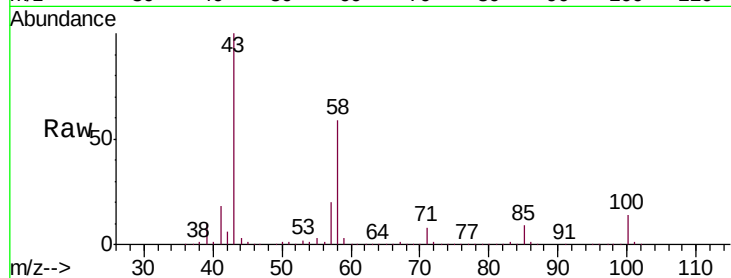




#59
2-Hexanone
Concen: 94.735 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

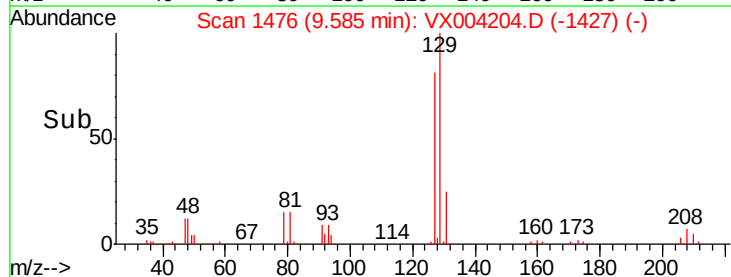
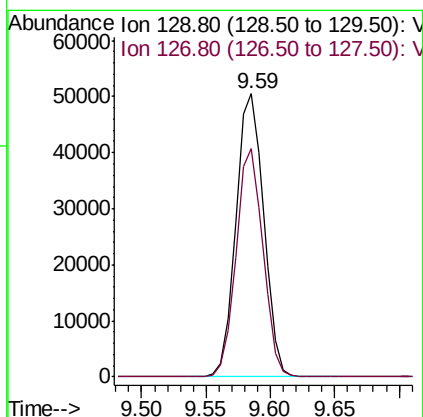
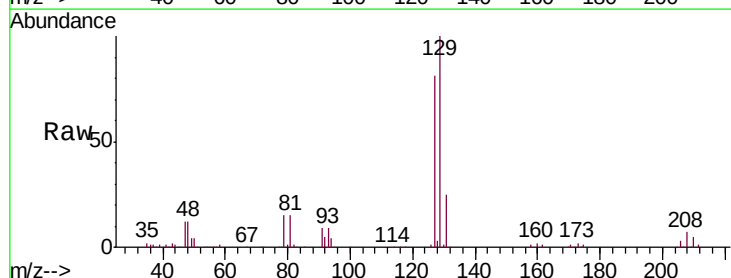
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

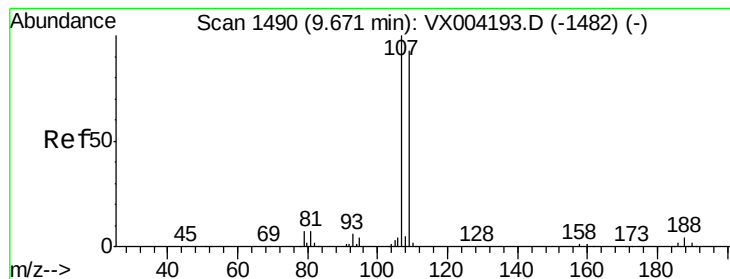
Tgt Ion: 43 Resp: 424285
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 19.201 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 129 Resp: 75518
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.951 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

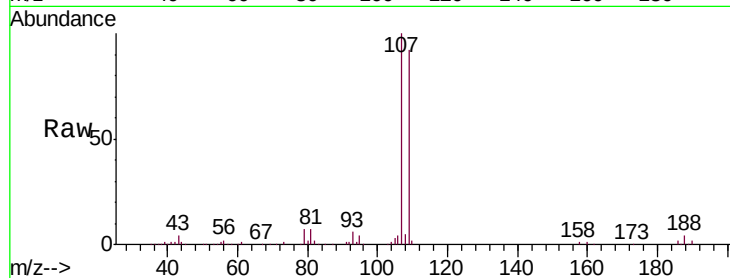
VX0822WBSD01

Tgt Ion: 107 Resp: 83350

Ion Ratio Lower Upper

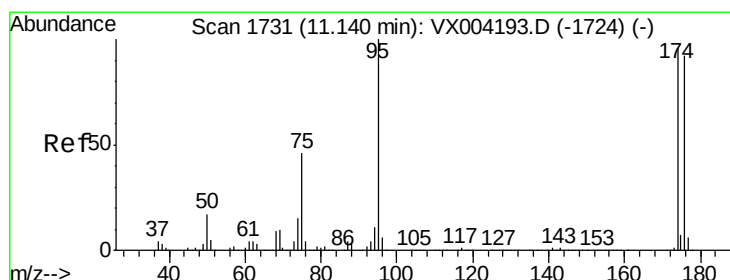
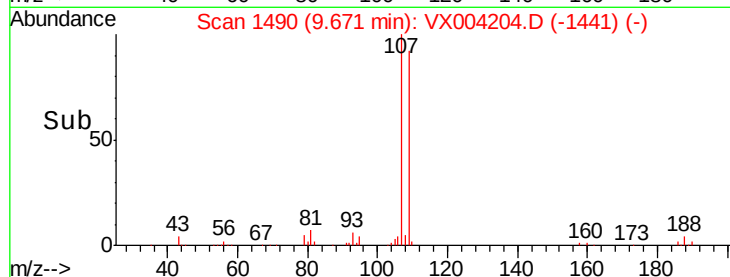
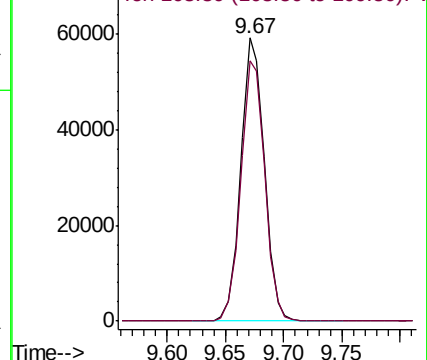
107 100

109 93.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.767 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

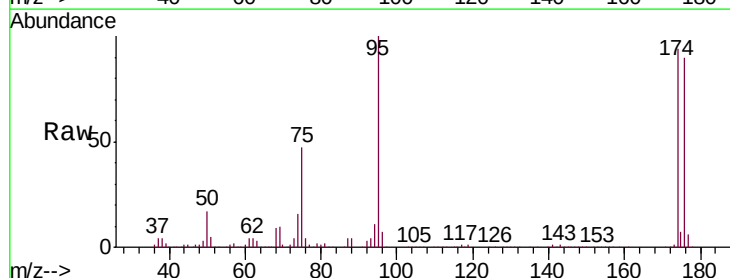
Tgt Ion: 95 Resp: 238017

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

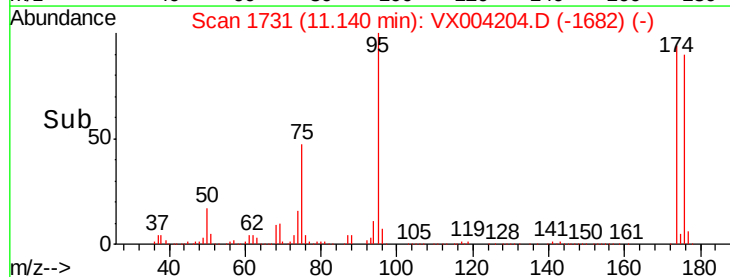
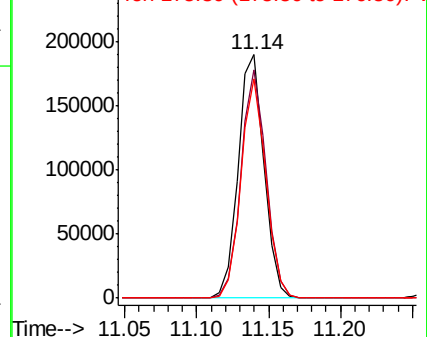
176 87.2 0.0 178.6

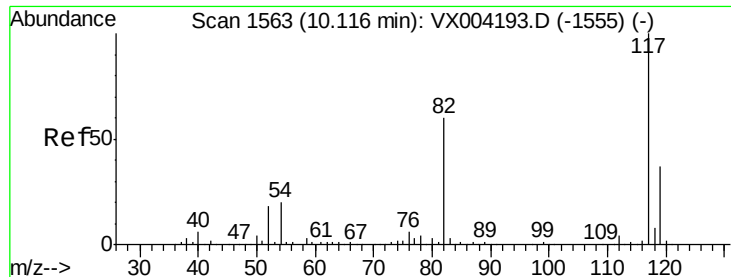


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

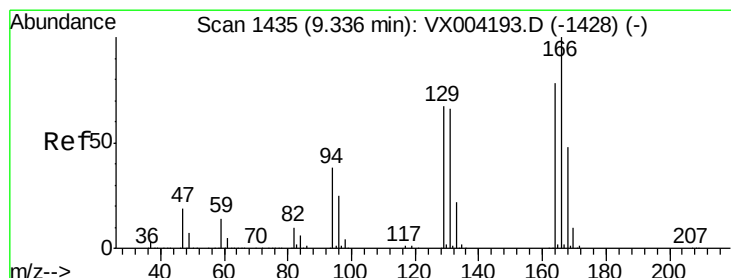
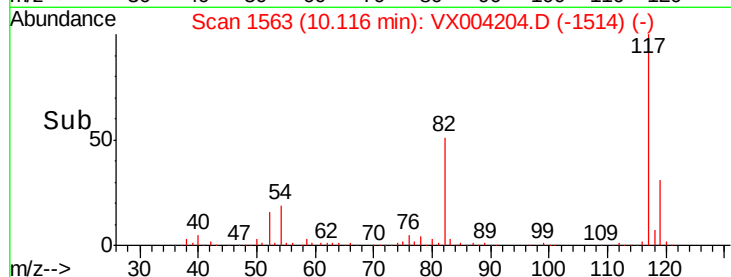
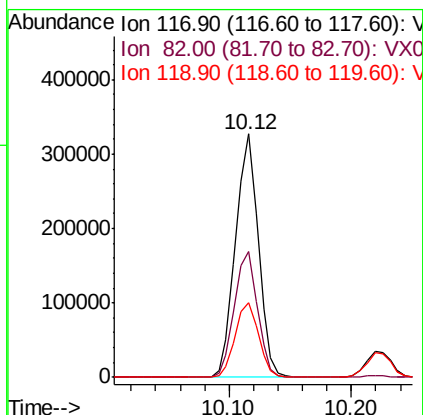
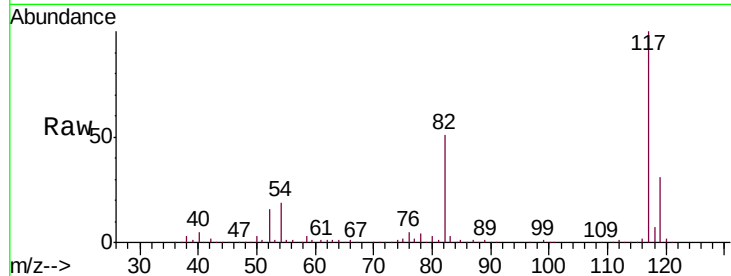




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

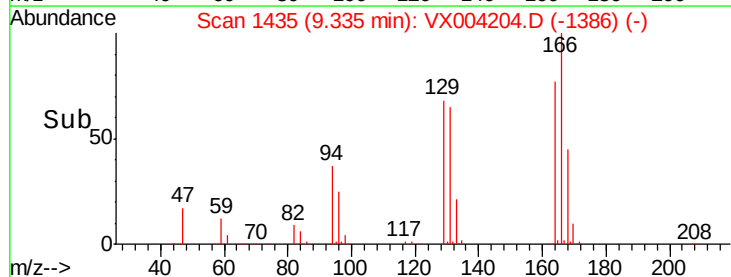
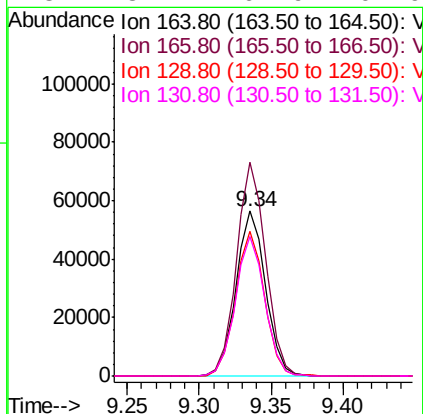
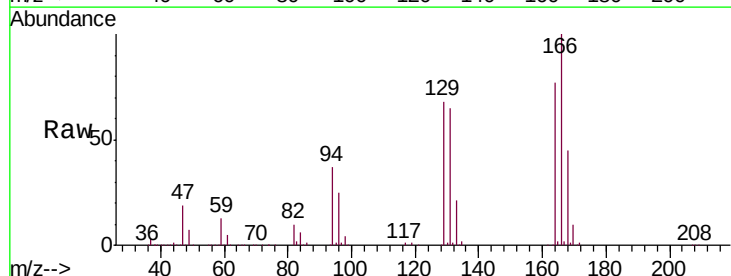
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

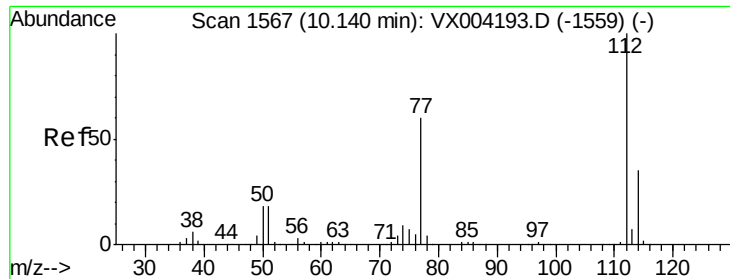
Tgt Ion:117 Resp: 421937
Ion Ratio Lower Upper
117 100
82 51.5 47.8 71.6
119 30.9 29.3 43.9



#64
Tetrachloroethene
Concen: 19.275 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion:164 Resp: 80342
Ion Ratio Lower Upper
164 100
166 129.7 102.8 154.2
129 88.1 69.4 104.0
131 84.4 67.9 101.9





#65

Chlorobenzene

Concen: 20.505 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

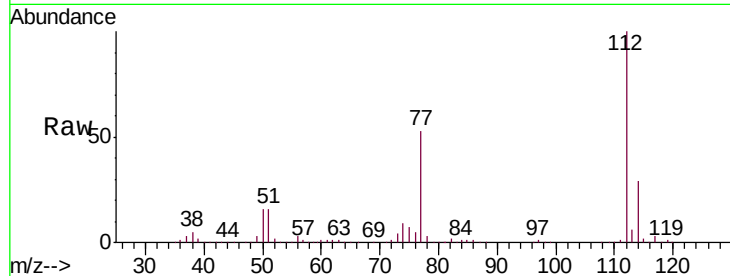
VX0822WBSD01

Tgt Ion:112 Resp: 217139

Ion Ratio Lower Upper

112 100

114 29.5 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

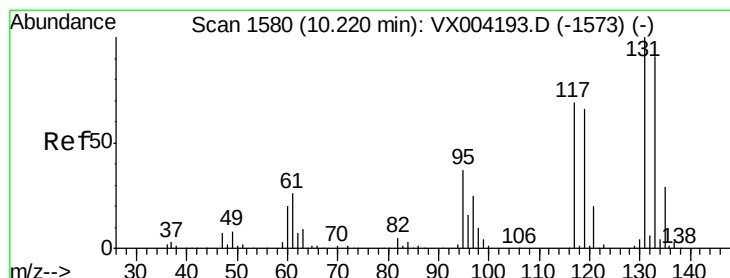
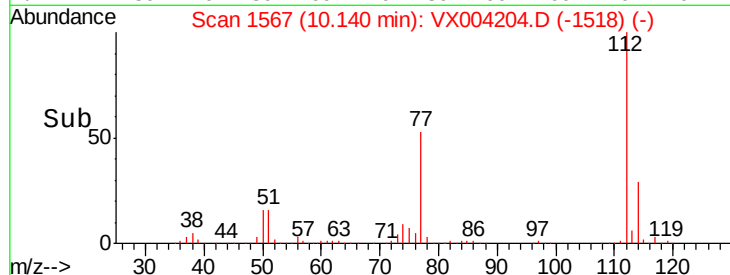
100000

50000

0

10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.254 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

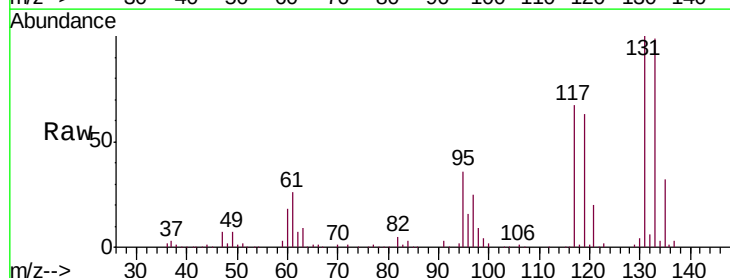
Tgt Ion:131 Resp: 70322

Ion Ratio Lower Upper

131 100

133 99.1 48.1 144.4

119 65.9 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

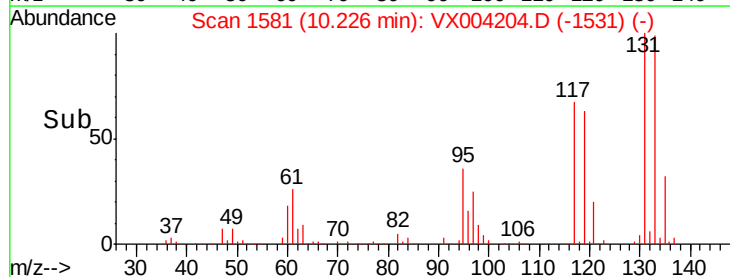
40000

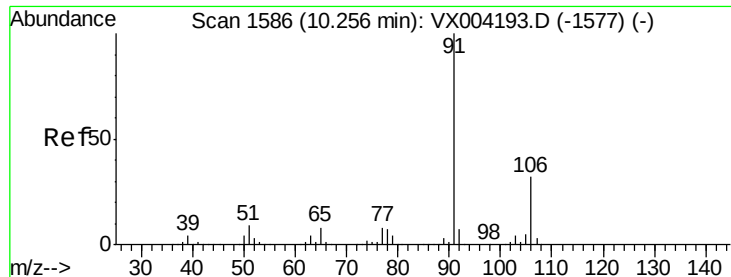
20000

0

10.15 10.20 10.25 10.30

Time-->

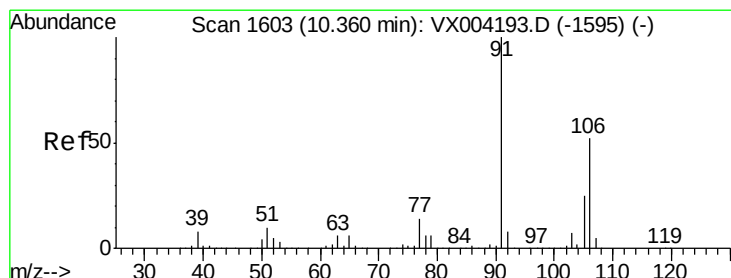
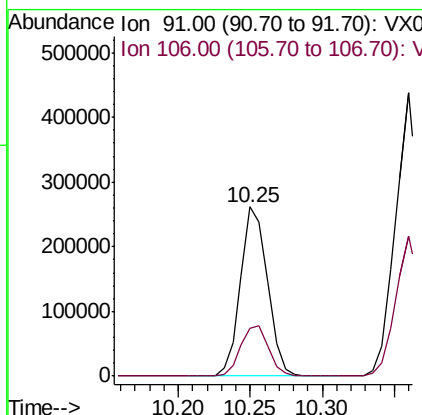
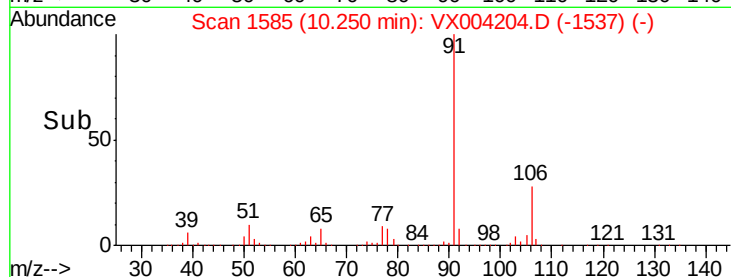
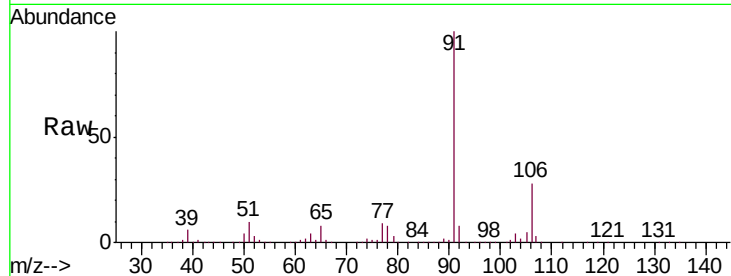




#67
Ethyl Benzene
Concen: 19.810 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

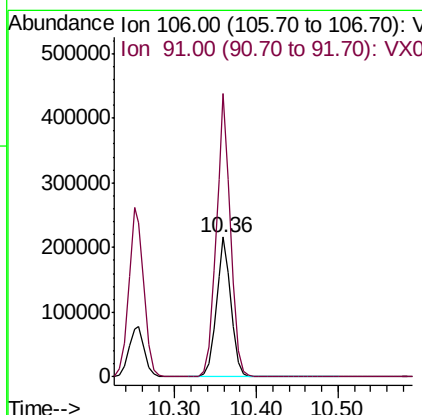
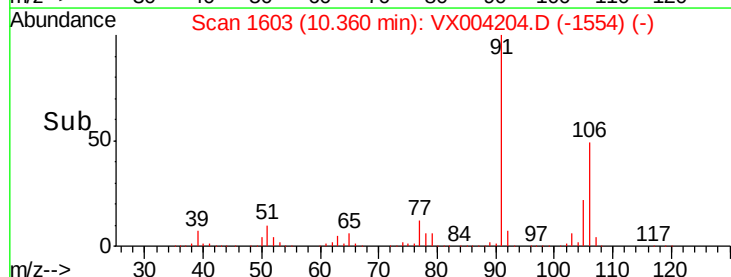
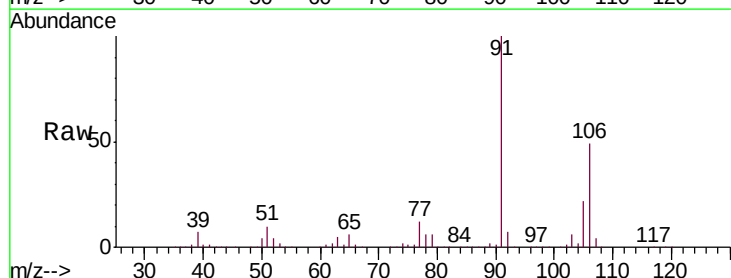
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

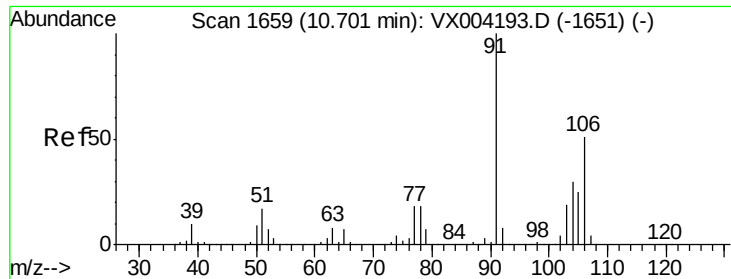
Tgt Ion: 91 Resp: 340691
Ion Ratio Lower Upper
91 100
106 28.3 25.9 38.9



#68
m/p-Xylenes
Concen: 40.123 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 106 Resp: 269814
Ion Ratio Lower Upper
106 100
91 199.6 157.1 235.7

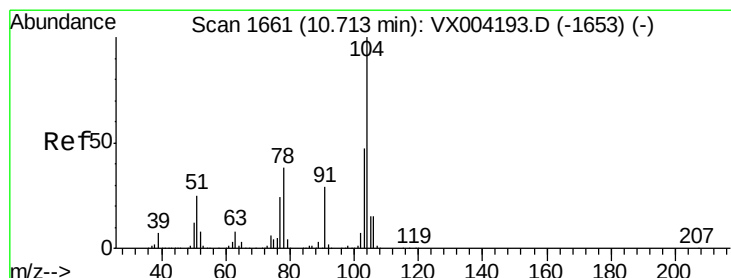
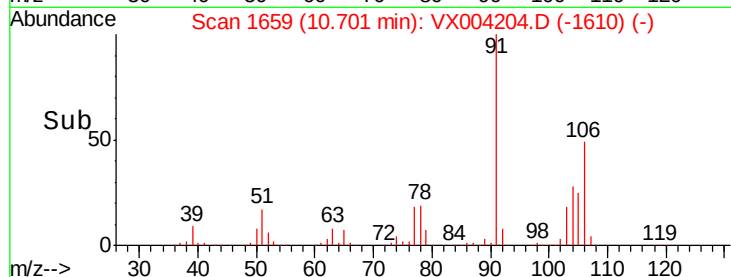
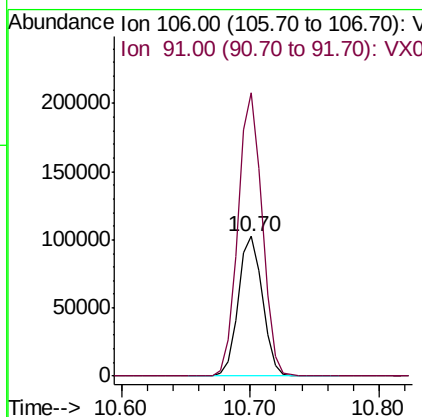
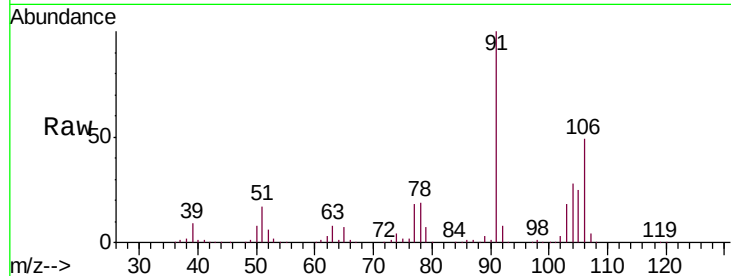




#69
o-Xylene
Concen: 20.963 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

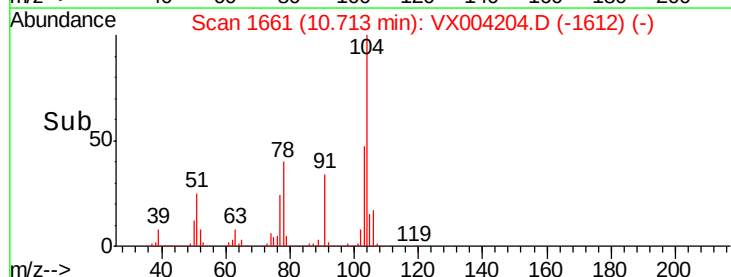
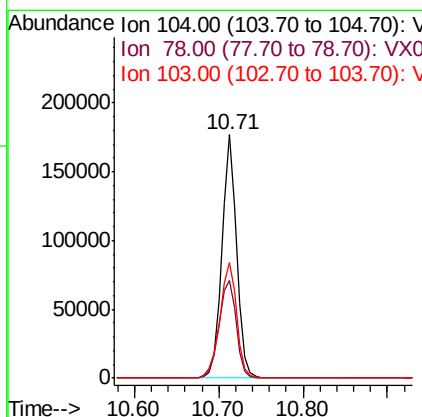
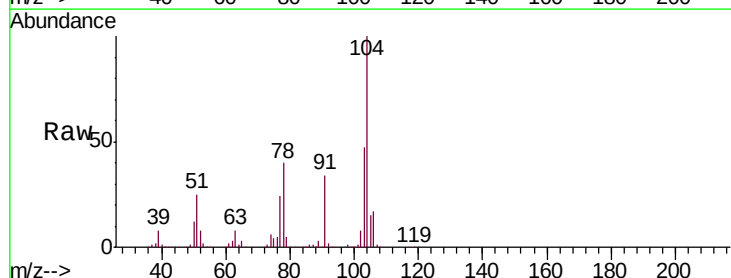
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

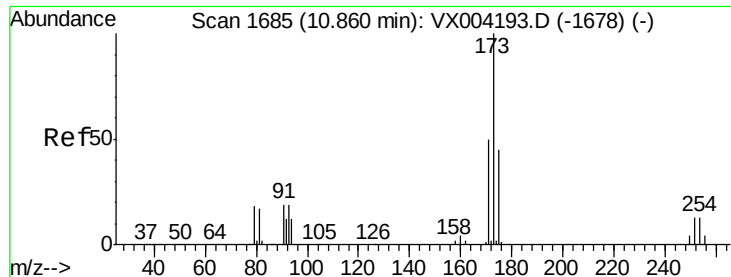
Tgt Ion:106 Resp: 133347
Ion Ratio Lower Upper
106 100
91 202.8 105.1 315.1



#70
Styrene
Concen: 20.820 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion:104 Resp: 214436
Ion Ratio Lower Upper
104 100
78 47.7 37.4 56.0
103 53.8 43.8 65.6





#71

Bromoform

Concen: 19.294 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

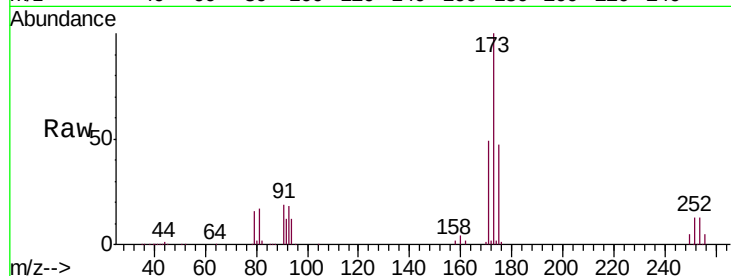
Tgt Ion:173 Resp: 56805

Ion Ratio Lower Upper

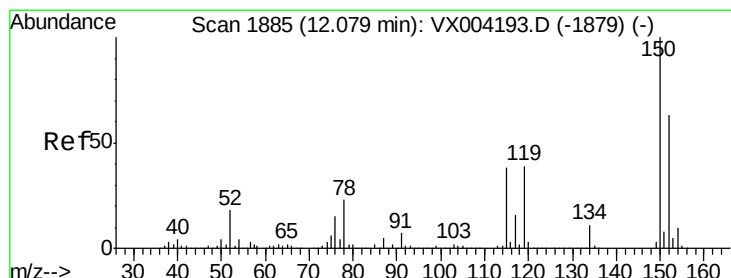
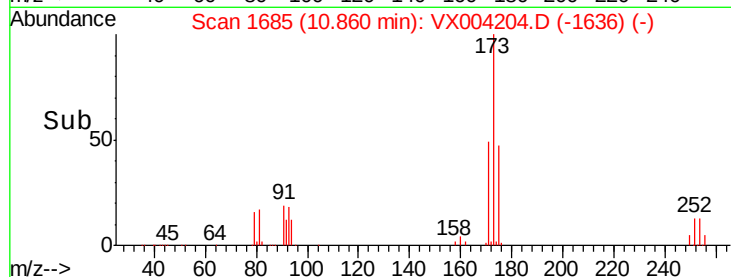
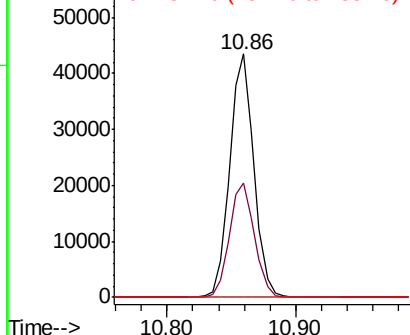
173 100

175 48.6 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

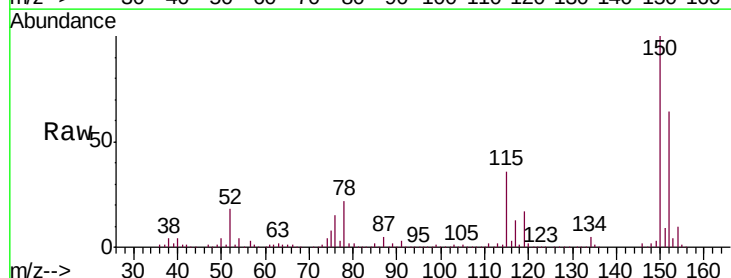
Tgt Ion:152 Resp: 261791

Ion Ratio Lower Upper

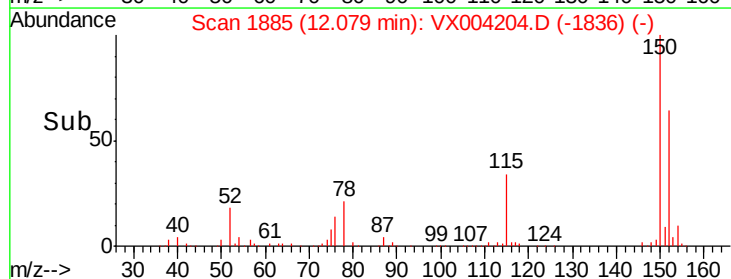
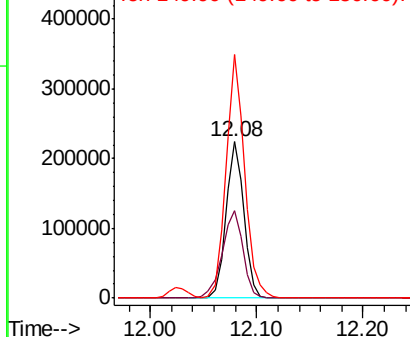
152 100

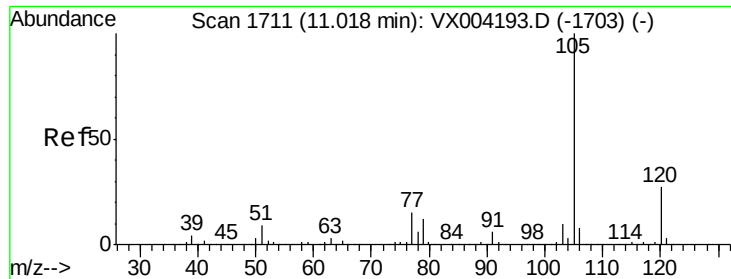
115 64.7 39.0 117.0

150 162.3 0.0 351.0



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





#73

Isopropylbenzene

Concen: 21.055 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

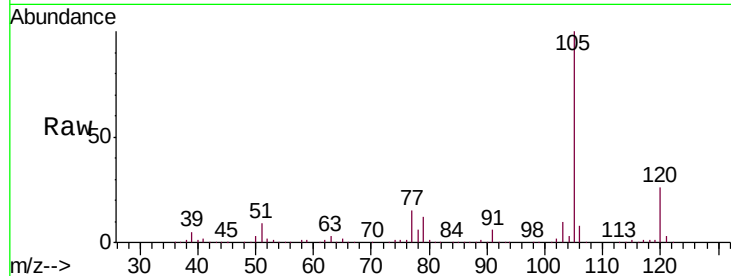
VX0822WBSD01

Tgt Ion:105 Resp: 362027

Ion Ratio Lower Upper

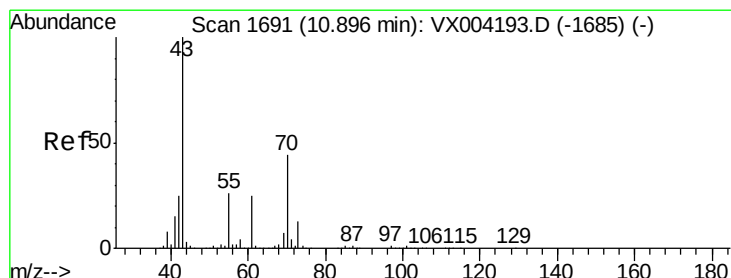
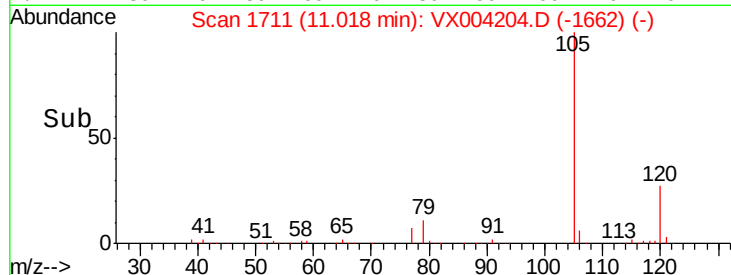
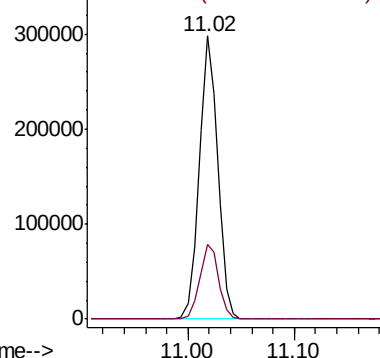
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 20.614 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Tgt Ion: 43 Resp: 136469

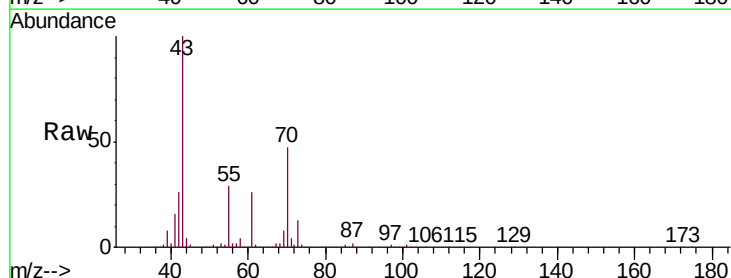
Ion Ratio Lower Upper

43 100

70 46.4 37.4 56.0

55 28.4 21.8 32.8

61 25.3 20.6 30.8

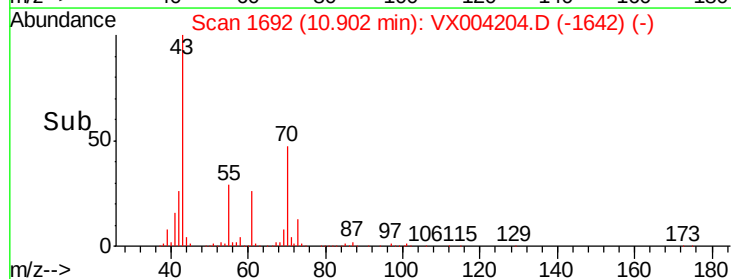
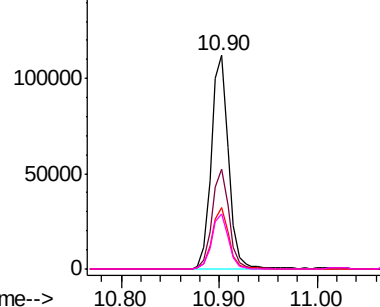


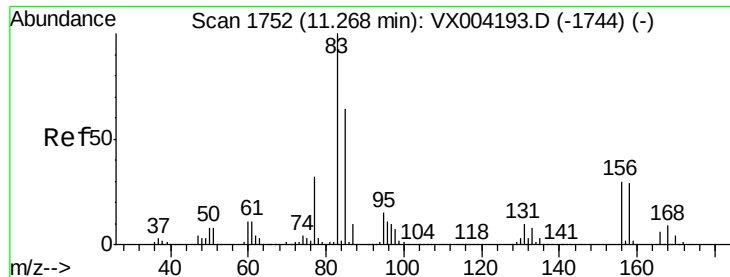
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.446 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampled :

VX0822WBSD01

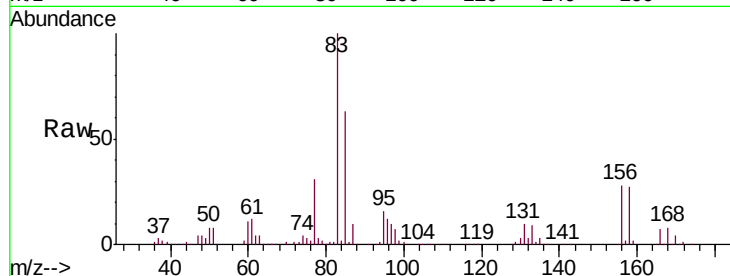
Tgt Ion: 83 Resp: 123025

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

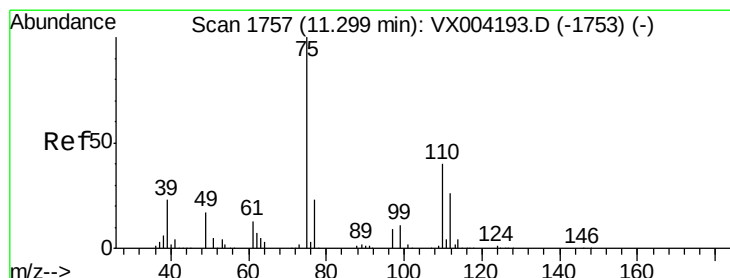
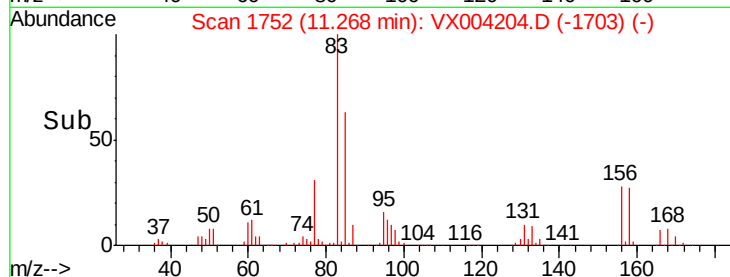
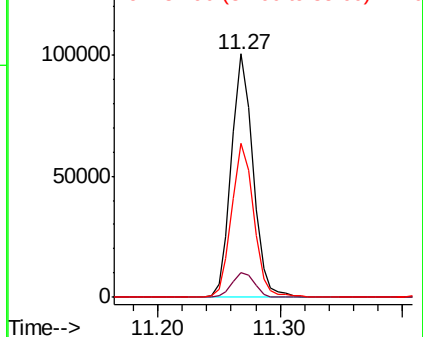
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.532 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004204.D

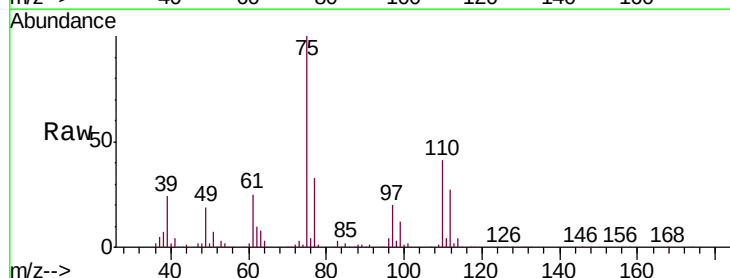
Acq: 22 Aug 2018 17:43

Tgt Ion: 75 Resp: 135940

Ion Ratio Lower Upper

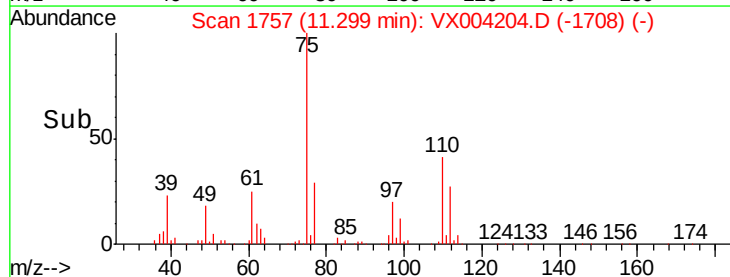
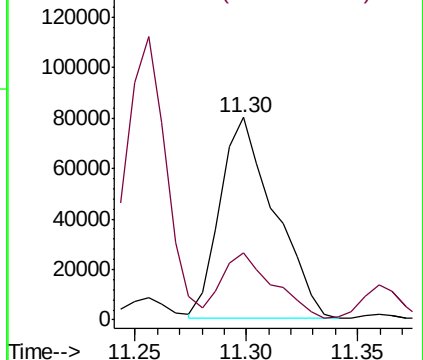
75 100

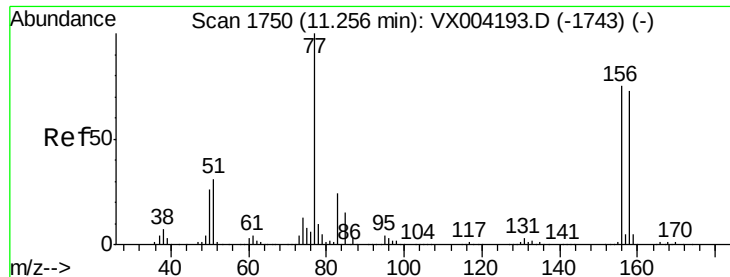
77 31.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.898 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

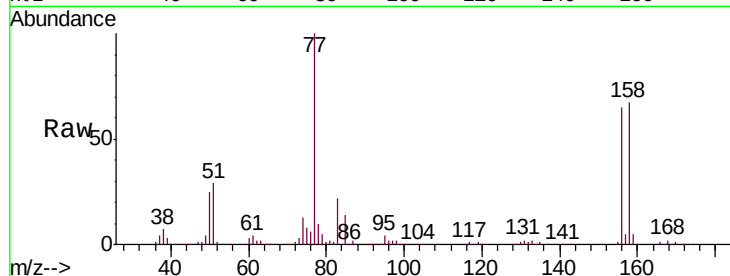
Tgt Ion:156 Resp: 95970

Ion Ratio Lower Upper

156 100

77 149.6 71.5 214.3

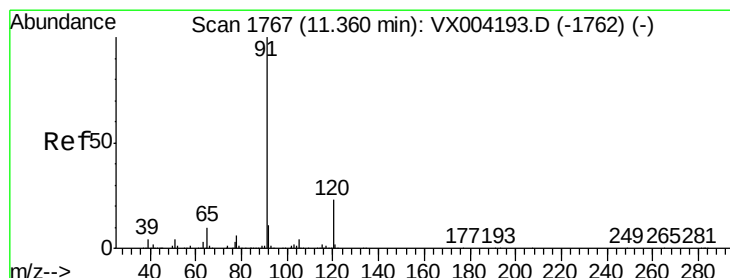
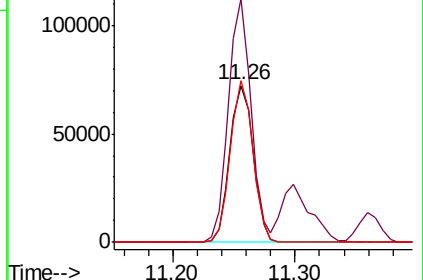
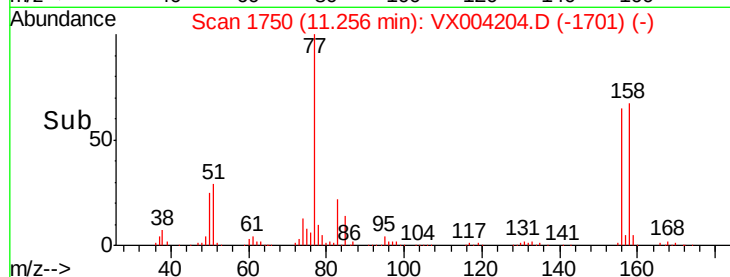
158 98.9 48.9 146.8



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: 21.386 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004204.D

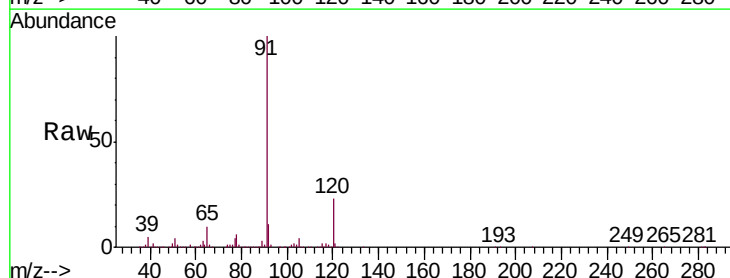
Acq: 22 Aug 2018 17:43

Tgt Ion: 91 Resp: 422927

Ion Ratio Lower Upper

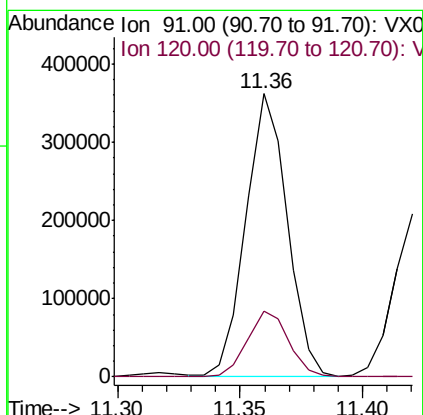
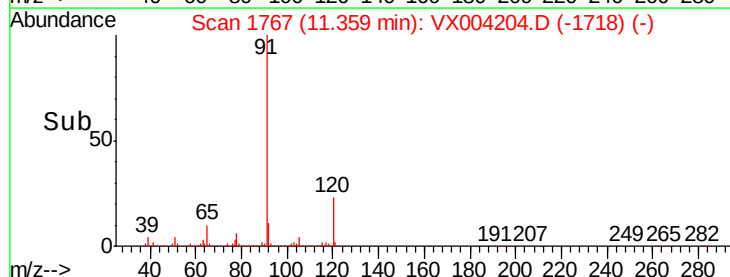
91 100

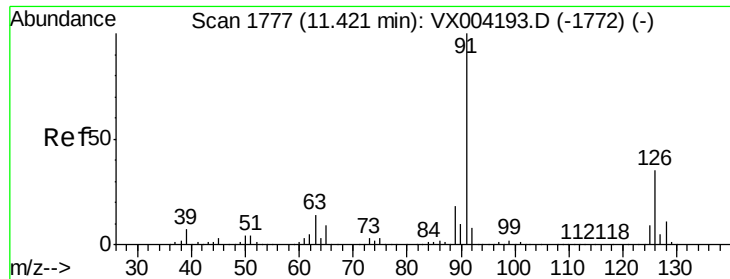
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

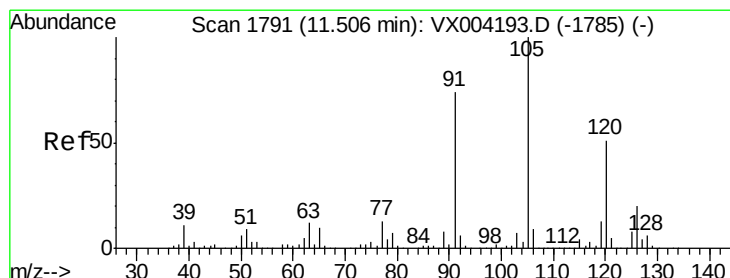
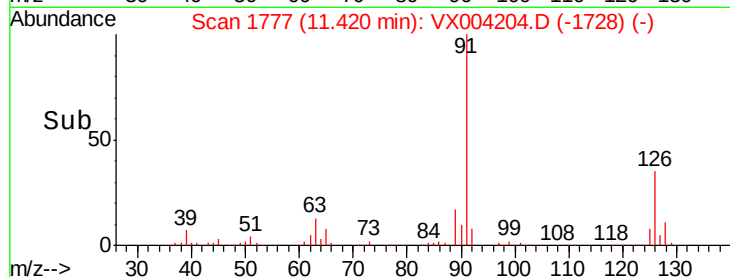
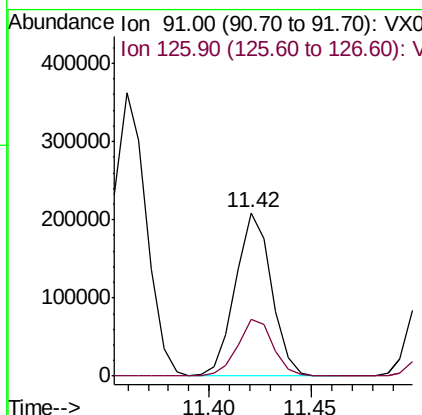
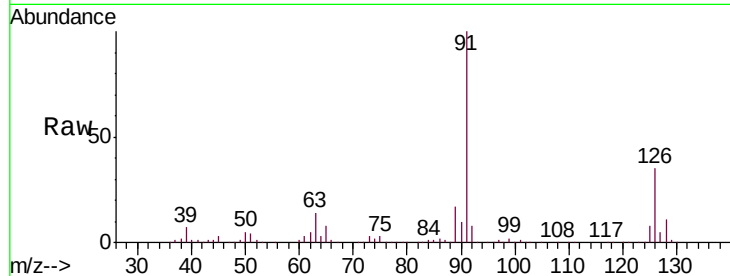




#79
 2-Chlorotoluene
 Concen: 20.981 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

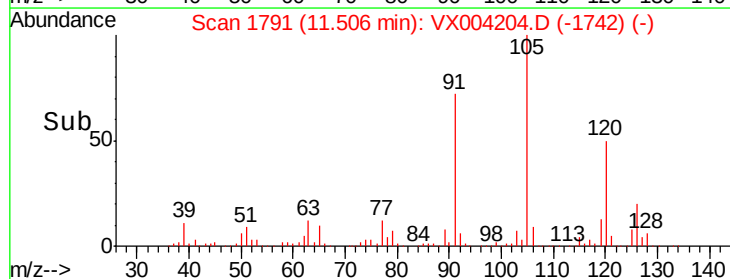
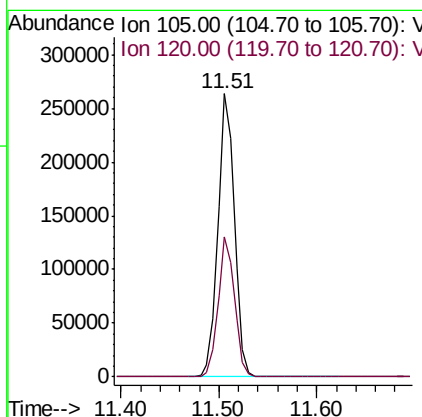
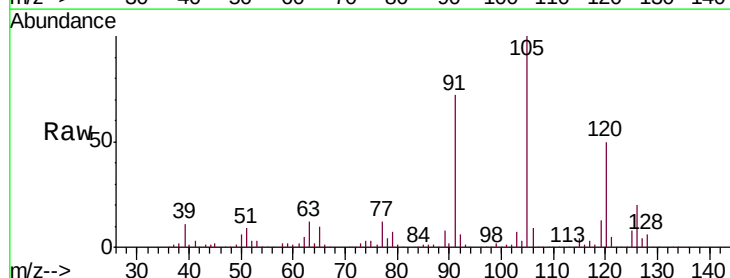
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

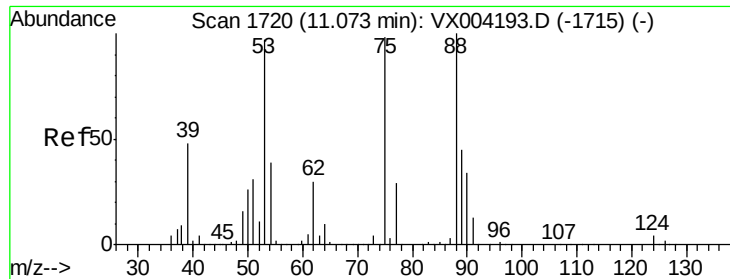
Tgt Ion: 91 Resp: 255379
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.682 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion: 105 Resp: 308726
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.539 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

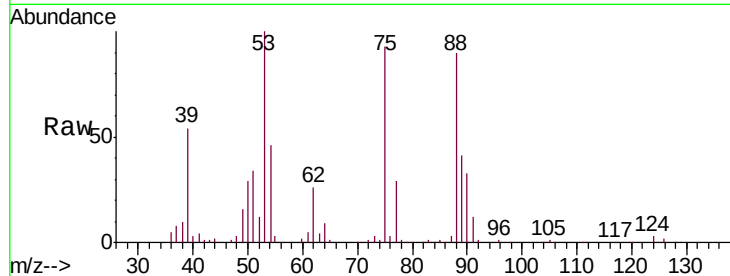
Tgt Ion: 75 Resp: 32063

Ion Ratio Lower Upper

75 100

53 107.4 80.1 120.1

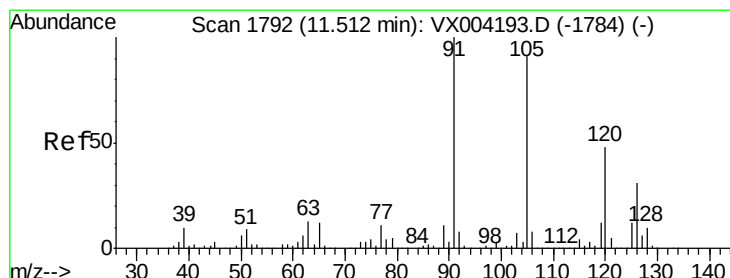
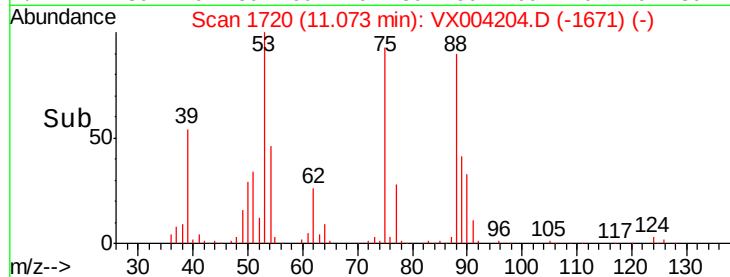
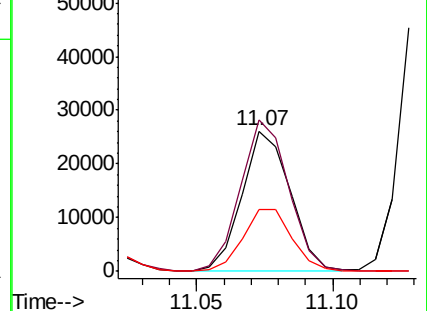
89 45.7 37.2 55.8



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: 20.766 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004204.D

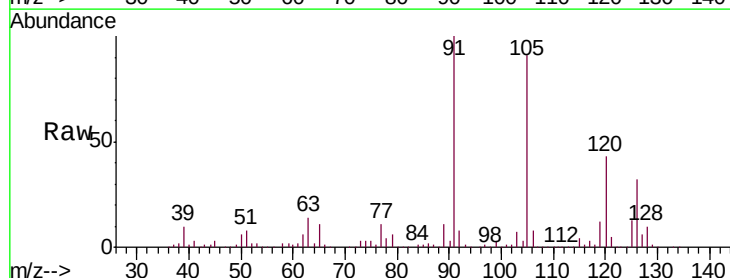
Acq: 22 Aug 2018 17:43

Tgt Ion: 91 Resp: 297435

Ion Ratio Lower Upper

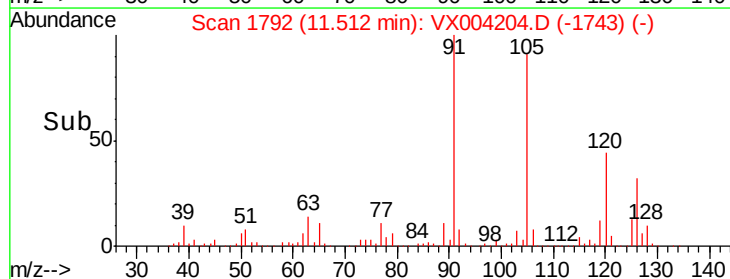
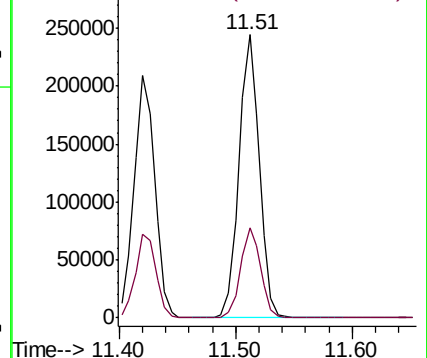
91 100

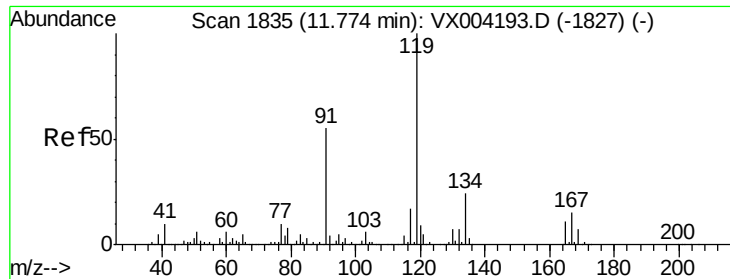
126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

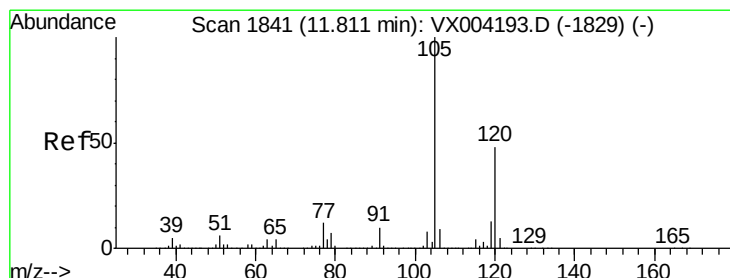
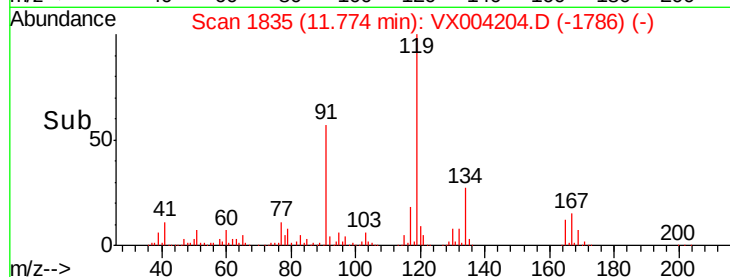
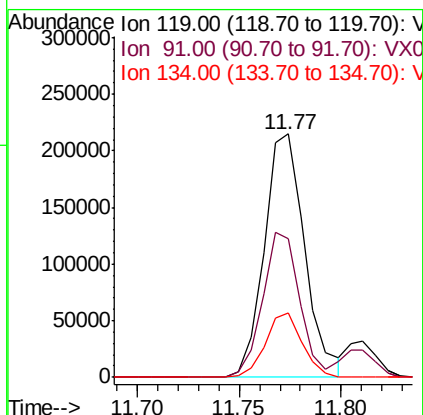
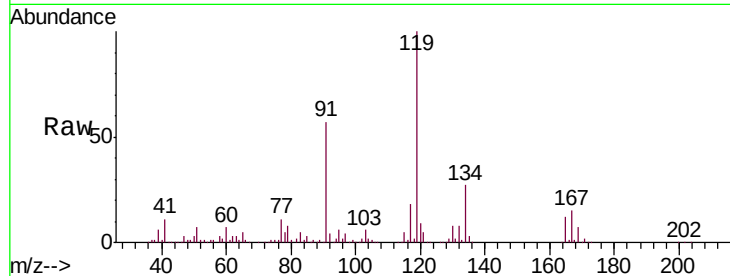




#83
 tert-Butylbenzene
 Concen: 20.772 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

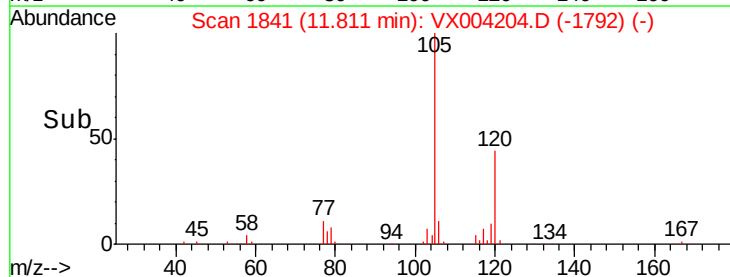
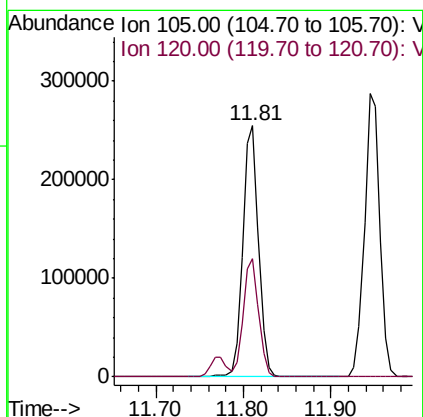
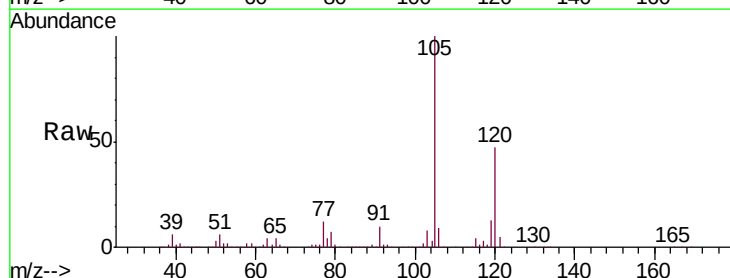
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

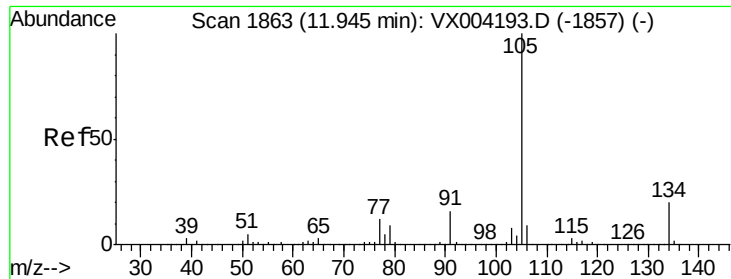
Tgt Ion:119 Resp: 297583
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.0 81.0
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.822 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion:105 Resp: 318958
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.759 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

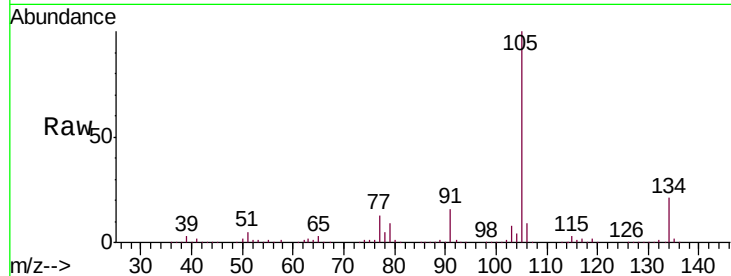
VX0822WBSD01

Tgt Ion:105 Resp: 353084

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

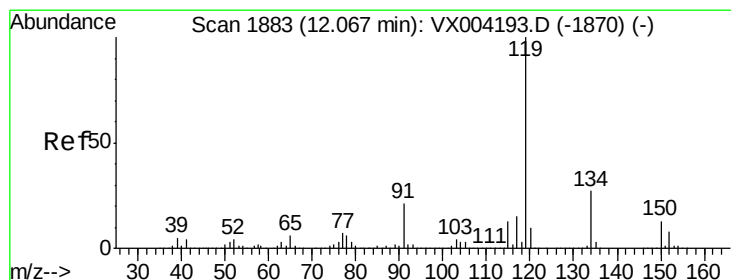
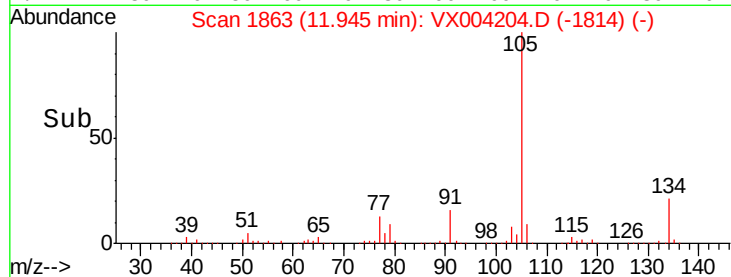
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.230 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004204.D

Acq: 22 Aug 2018 17:43

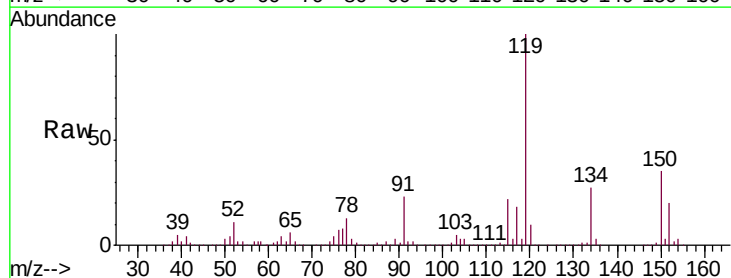
Tgt Ion:119 Resp: 323608

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 22.3 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

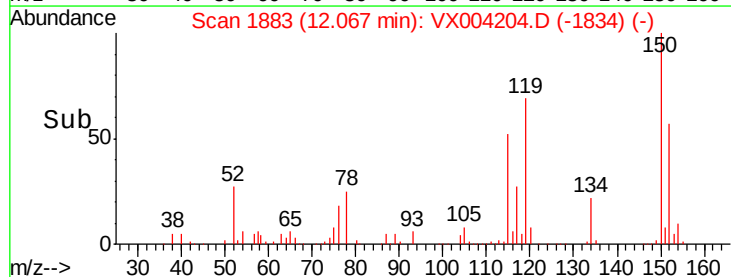
300000

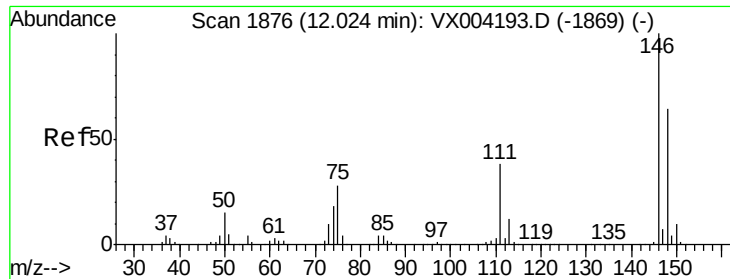
200000

100000

0

Time-->

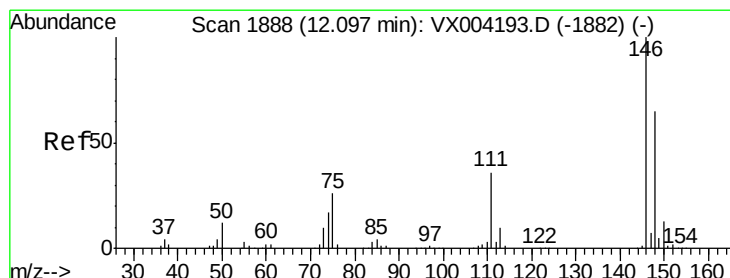
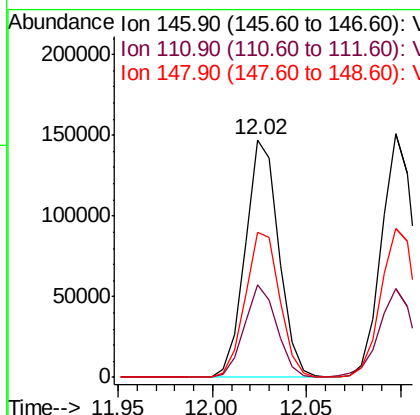
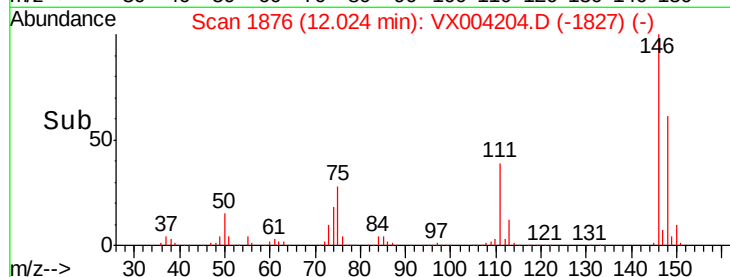
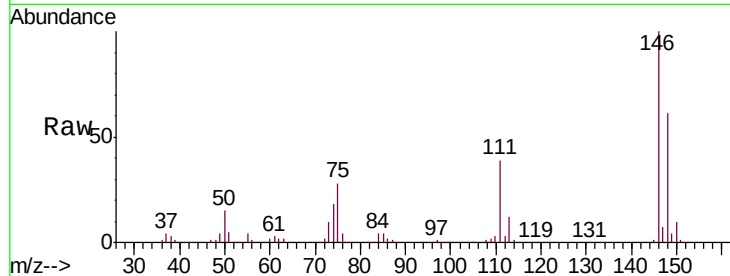




#87
 1,3-Dichlorobenzene
 Concen: 20.011 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

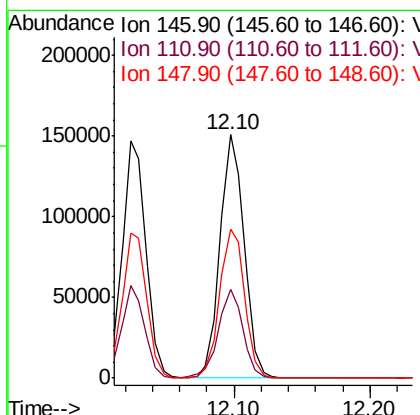
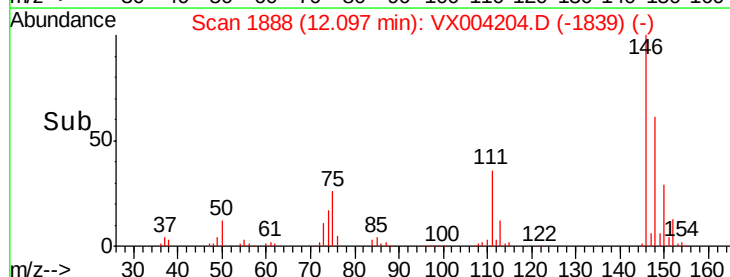
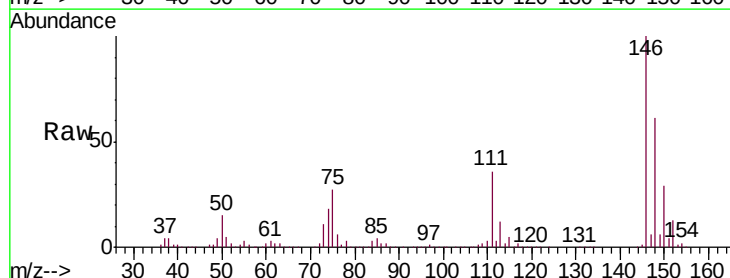
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

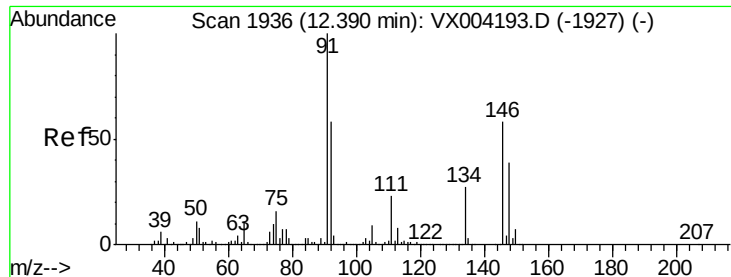
Tgt Ion:146 Resp: 181723
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 62.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.361 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion:146 Resp: 185374
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 63.6 32.0 96.0

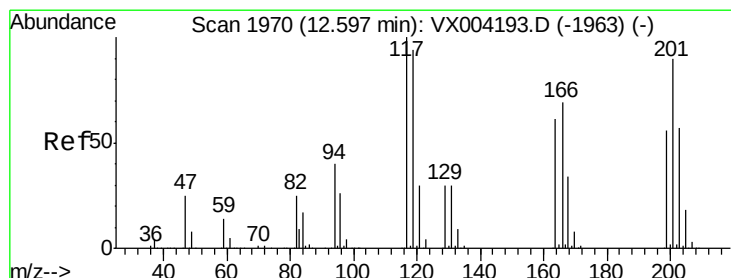
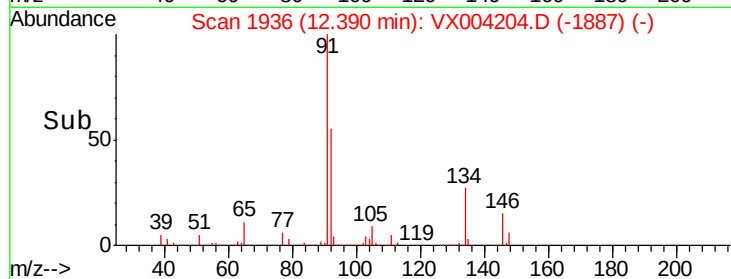
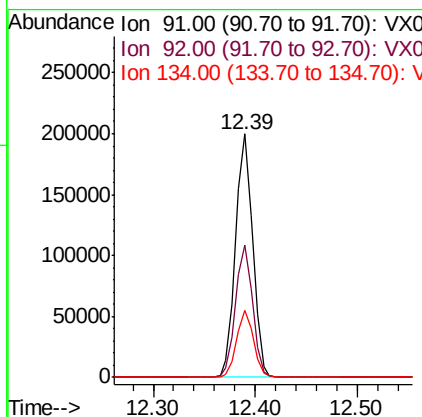
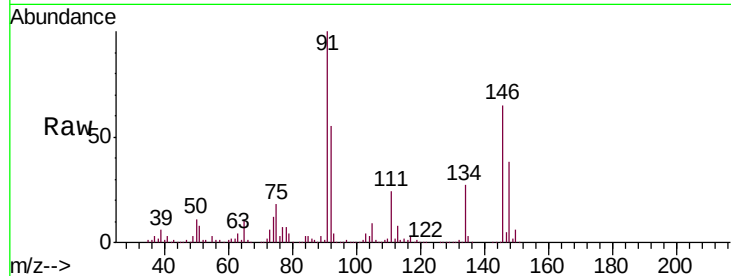




#89
n-Butylbenzene
Concen: 18.592 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

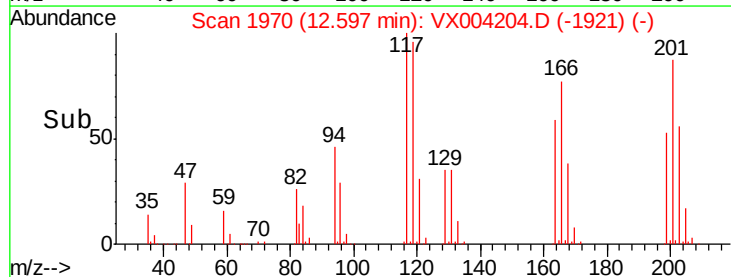
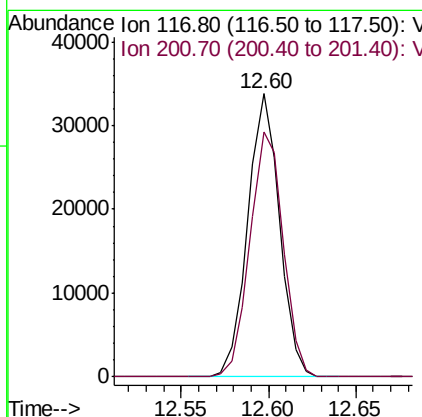
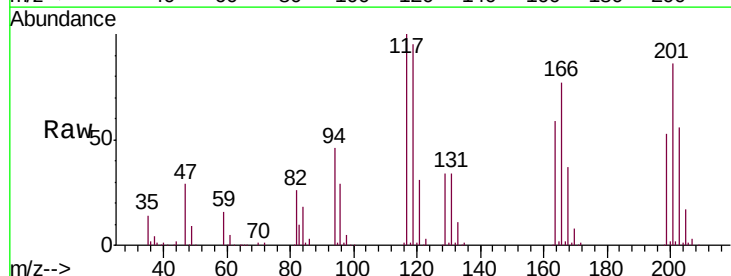
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

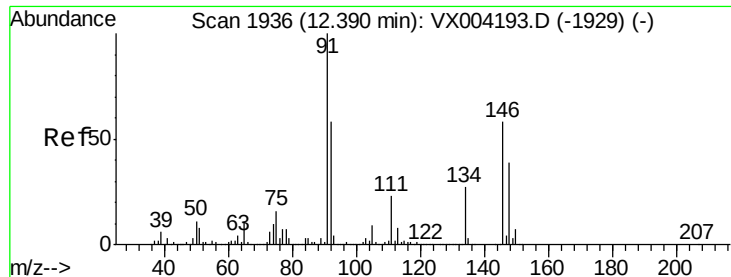
Tgt Ion: 91 Resp: 230439
Ion Ratio Lower Upper
91 100
92 53.8 27.3 81.9
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 20.060 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion: 117 Resp: 42738
Ion Ratio Lower Upper
117 100
201 90.3 46.9 140.6

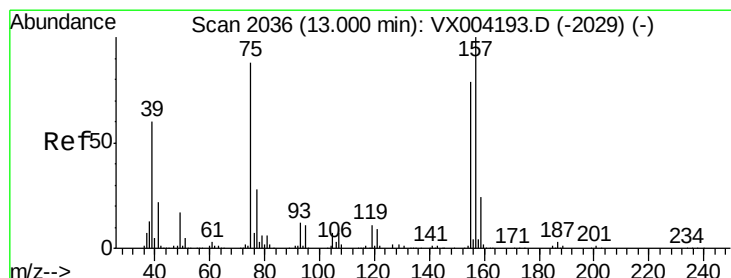
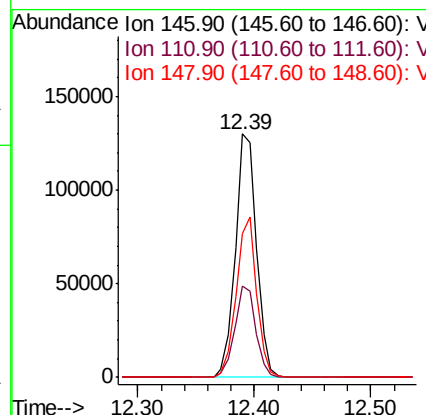
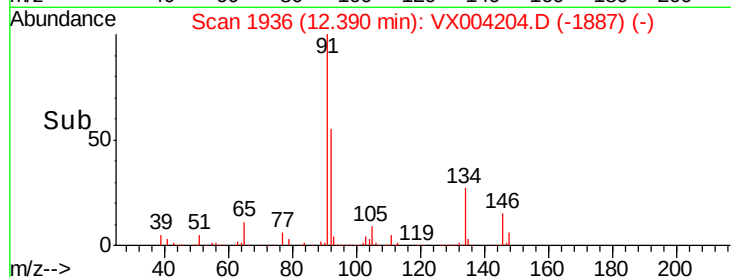
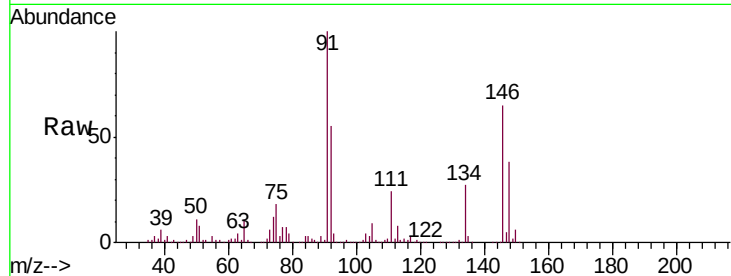




#91
 1,2-Dichlorobenzene
 Concen: 19.809 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

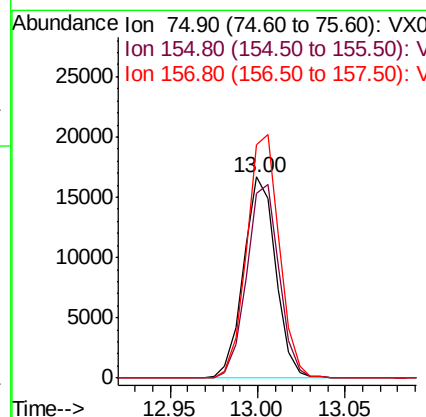
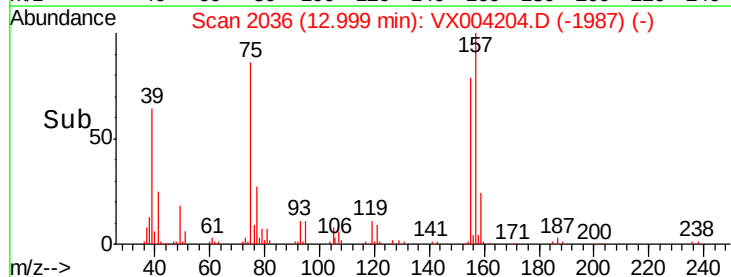
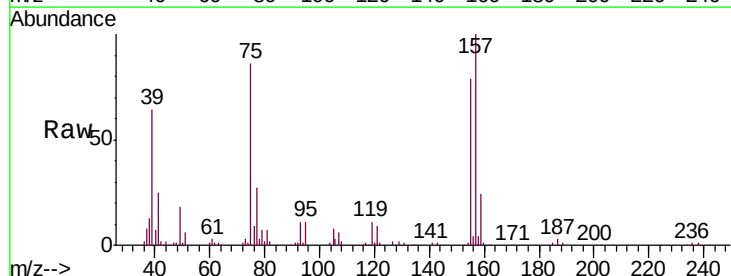
Instrument :
 MSVOA_X
 ClientSampled :
 VX0822WBSD01

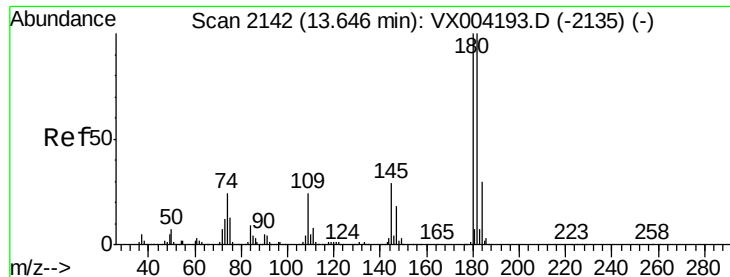
Tgt Ion:146 Resp: 164407
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.4 58.1
 148 63.4 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.064 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion: 75 Resp: 21264
 Ion Ratio Lower Upper
 75 100
 155 97.0 48.0 144.2
 157 122.8 61.4 184.1

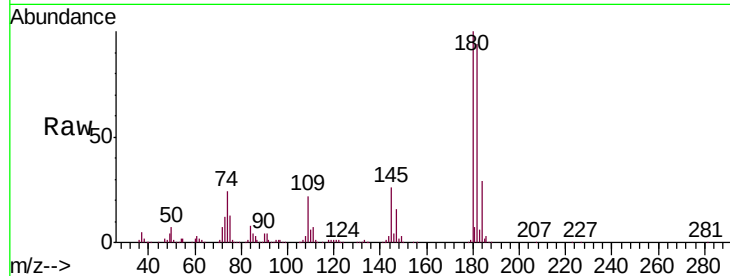




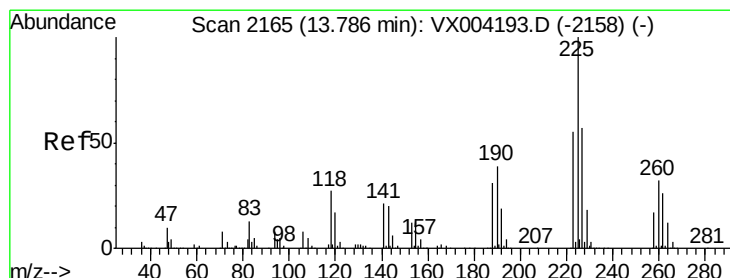
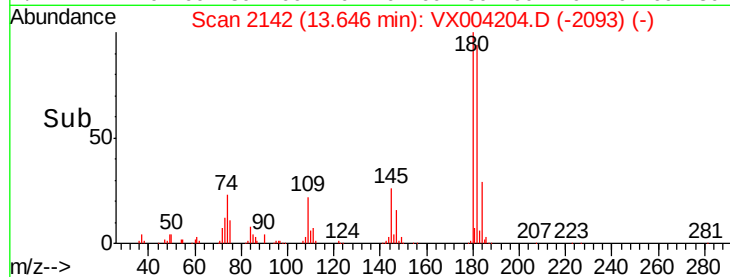
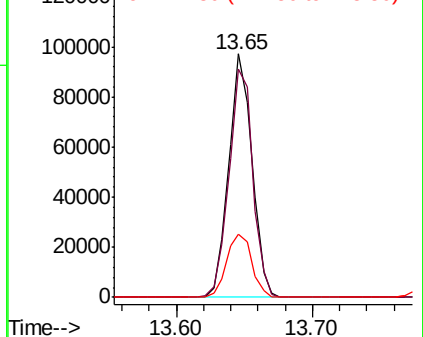
#93
 1,2,4-Trichlorobenzene
 Concen: 19.104 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Tgt Ion:180 Resp: 115362
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.4 145.0
 145 28.0 14.3 42.9

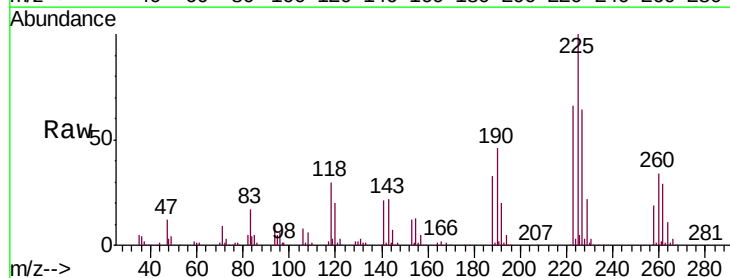


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

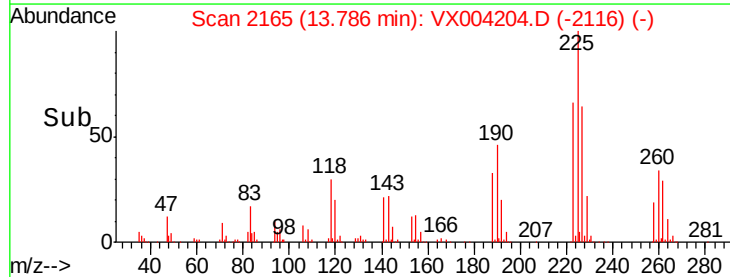
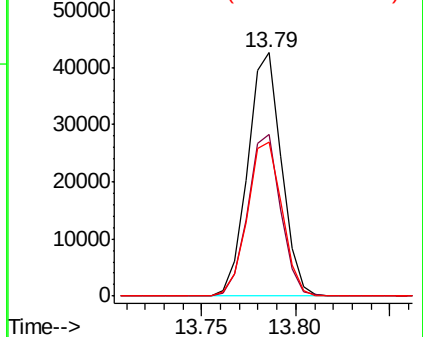


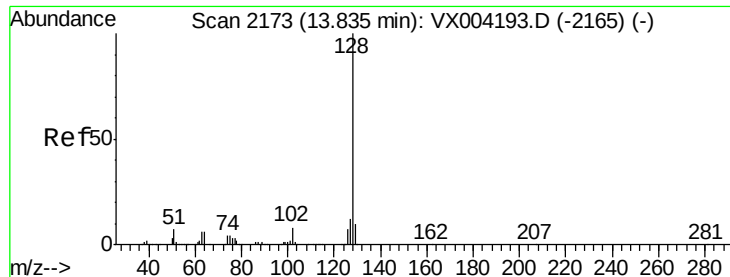
#94
 Hexachlorobutadiene
 Concen: 18.687 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004204.D
 Acq: 22 Aug 2018 17:43

Tgt Ion:225 Resp: 52741
 Ion Ratio Lower Upper
 225 100
 223 65.0 30.1 90.5
 227 64.9 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

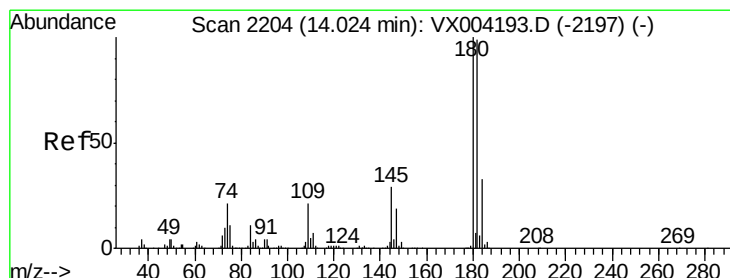
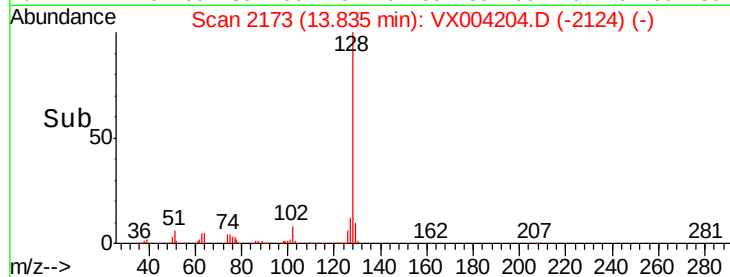
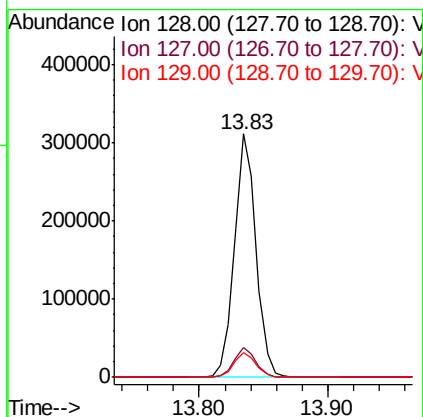
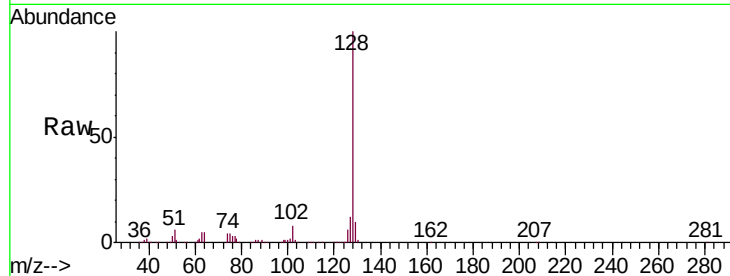




#95
Naphthalene
Concen: 21.287 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion:128 Resp: 363572
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 10.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.247 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004204.D
Acq: 22 Aug 2018 17:43

Tgt Ion:180 Resp: 129432
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 29.0 14.9 44.9

