

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006168.D
 Acq On : 26 Nov 2018 12:05
 Operator : JC/MD
 Sample : VX1126WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Quant Time: Nov 27 02:25:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	183338	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	145724	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
50) Toluene-d8	8.71	98	555319	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.14	95	201464	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44566	19.880	ug/l	99
3) Chloromethane	1.32	50	49524	17.488	ug/l	100
4) Vinyl Chloride	1.40	62	55379	19.225	ug/l	95
5) Bromomethane	1.64	94	28649	15.686	ug/l	95
6) Chloroethane	1.72	64	31542	26.787	ug/l	97
7) Trichlorofluoromethane	1.93	101	77309	20.516	ug/l	100
8) Diethyl Ether	2.19	74	30711	19.280	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45142	20.202	ug/l	99
10) Methyl Iodide	2.51	142	23427	8.362	ug/l	98
11) Tert butyl alcohol	3.06	59	78726	105.868	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43009	19.744	ug/l	97
13) Acrolein	2.29	56	42549	95.621	ug/l	96
14) Allyl chloride	2.73	41	91016	20.423	ug/l	99
15) Acrylonitrile	3.15	53	165793	100.940	ug/l	99
16) Acetone	2.45	43	181034	116.707	ug/l	100
17) Carbon Disulfide	2.57	76	126919	21.578	ug/l	98
18) Methyl Acetate	2.78	43	86469	21.737	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	153913	20.442	ug/l	98
20) Methylene Chloride	2.85	84	49279	20.786	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	46900	20.578	ug/l	92
22) Diisopropyl ether	3.87	45	203937	21.376	ug/l	94
23) Vinyl Acetate	3.82	43	872969	110.293	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90572	20.151	ug/l	100
25) 2-Butanone	4.70	43	309602	107.530	ug/l	100
26) 2,2-Dichloropropane	4.58	77	86148	23.255	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62521	19.627	ug/l	95
28) Bromochloromethane	5.02	49	51923	19.821	ug/l	98
29) Tetrahydrofuran	5.15	42	188527	104.964	ug/l	99
30) Chloroform	5.21	83	108549	19.929	ug/l	99
31) Cyclohexane	5.57	56	91907	19.576	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	92499	21.032	ug/l	99
36) 1,1-Dichloropropene	5.79	75	78036	19.512	ug/l	98
37) Ethyl Acetate	4.85	43	104045	20.221	ug/l	98
38) Carbon Tetrachloride	5.79	117	79340	21.106	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87072	19.110	ug/l	98
40) Benzene	6.14	78	237431	20.151	ug/l	99
41) Methacrylonitrile	5.06	41	57592	20.311	ug/l	98
42) 1,2-Dichloroethane	6.20	62	90401	20.522	ug/l	98
43) Isopropyl Acetate	6.46	43	154451	20.785	ug/l	99
44) Trichloroethene	7.21	130	63743	19.465	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63946	20.507	ug/l	98
46) Dibromomethane	7.66	93	42551	19.926	ug/l	98
47) Bromodichloromethane	7.90	83	80557	20.396	ug/l	99
48) Methyl methacrylate	7.77	41	80339	21.318	ug/l	99
49) 1,4-Dioxane	7.75	88	35911	401.647	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	554707	104.129	ug/l	99
52) Toluene	8.79	92	149004	20.445	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	84514	20.505	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	96785	21.242	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	63283	20.050	ug/l	98
56) Ethyl methacrylate	9.18	69	88050	19.753	ug/l	97
57) 1,3-Dichloropropane	9.37	76	104812	20.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	265958	101.069	ug/l	100
59) 2-Hexanone	9.49	43	449507	106.325	ug/l	99
60) Dibromochloromethane	9.58	129	64838	20.953	ug/l	100
61) 1,2-Dibromoethane	9.67	107	66193	20.357	ug/l	100
64) Tetrachloroethene	9.34	164	66643	19.605	ug/l	98
65) Chlorobenzene	10.14	112	169243	19.974	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	61549	21.159	ug/l	99
67) Ethyl Benzene	10.25	91	284688	20.521	ug/l	100
68) m/p-Xylenes	10.36	106	221243	40.954	ug/l	99
69) o-Xylene	10.70	106	102829	19.927	ug/l	98
70) Styrene	10.71	104	173993	20.680	ug/l	99
71) Bromoform	10.86	173	52803	20.279	ug/l	99
73) Isopropylbenzene	11.02	105	289710	21.744	ug/l	100
74) N-amyl acetate	10.90	43	128125	20.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	102974	20.508	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	117253	25.863	ug/l	88
77) Bromobenzene	11.26	156	77260	20.700	ug/l	100
78) n-propylbenzene	11.36	91	333273	21.479	ug/l	100
79) 2-Chlorotoluene	11.42	91	200318	21.340	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	240084	21.372	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28041	20.920	ug/l	99
82) 4-Chlorotoluene	11.51	91	233250	21.292	ug/l	99
83) tert-Butylbenzene	11.77	119	235085	21.437	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	250941	21.900	ug/l	99
85) sec-Butylbenzene	11.94	105	290712	21.673	ug/l	99
86) p-Isopropyltoluene	12.07	119	255282	21.345	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	139677	20.296	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143629	20.133	ug/l	99
89) n-Butylbenzene	12.39	91	222451	20.544	ug/l	99
90) Hexachloroethane	12.60	117	42740	22.395	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	141009	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24631	21.141	ug/l	98

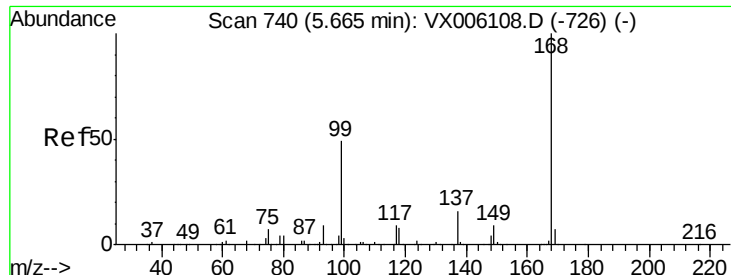
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101276	20.433	ug/l	99
94) Hexachlorobutadiene	13.79	225	50034	20.713	ug/l	98
95) Naphthalene	13.83	128	309250	21.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104213	20.624	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

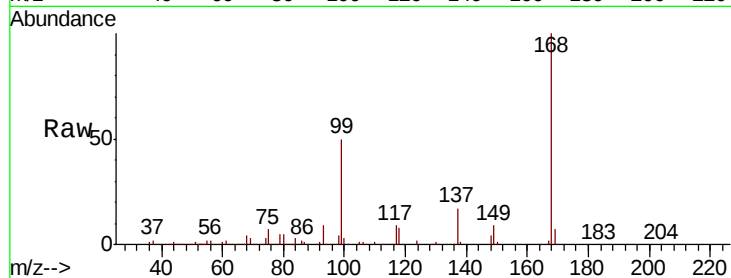
VX1126WBS01

Tot Ion:168 Resp: 301676

Ion Ratio Lower Upper

168 100

99 50.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

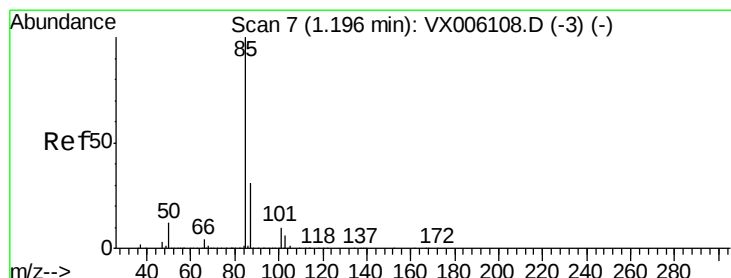
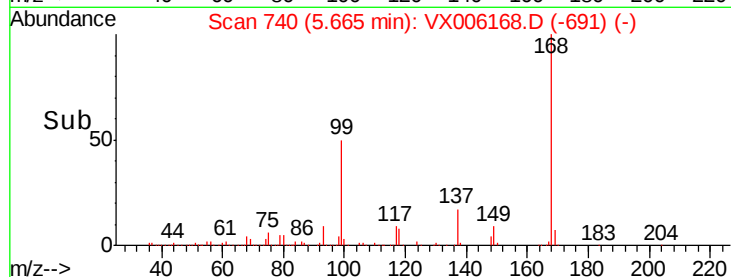
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.880 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006168.D

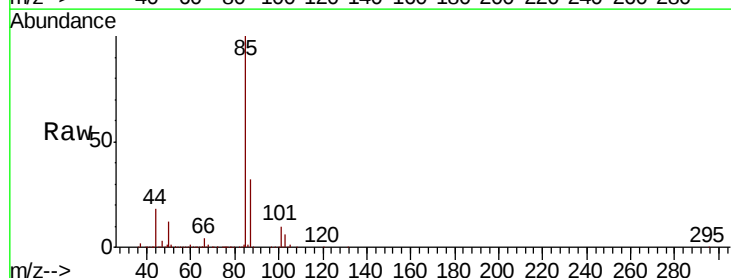
Acq: 26 Nov 2018 12:05

Tgt Ion: 85 Resp: 44566

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

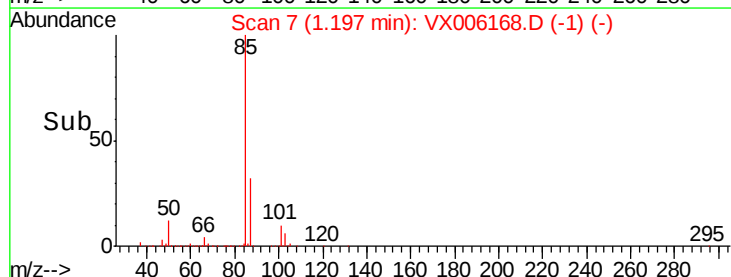
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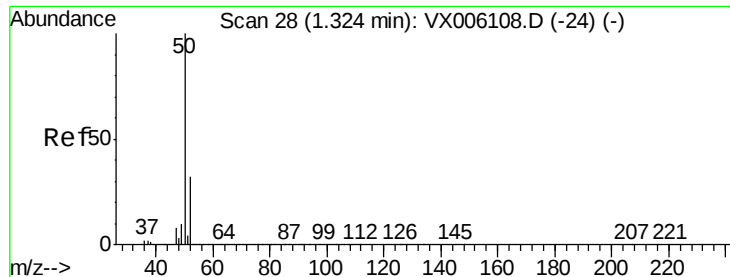
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.488 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

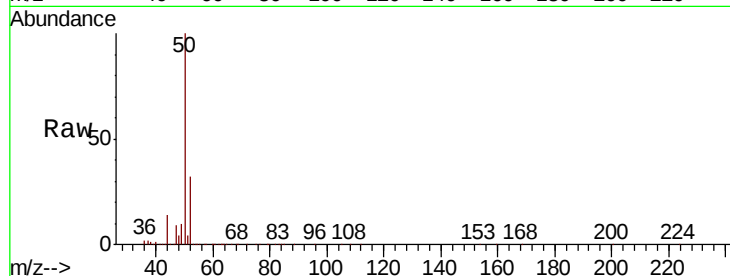
VX1126WBS01

Tot Ion: 50 Resp: 49524

Ion Ratio Lower Upper

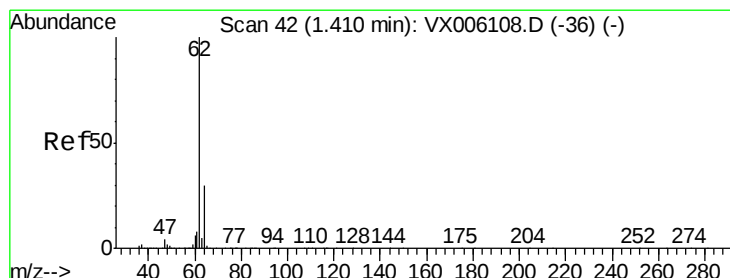
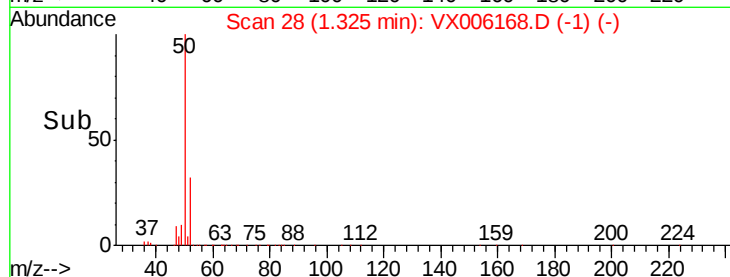
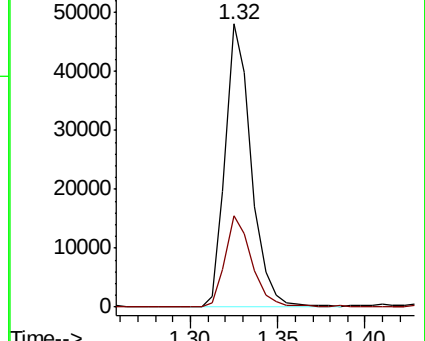
50 100

52 32.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.225 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX006168.D

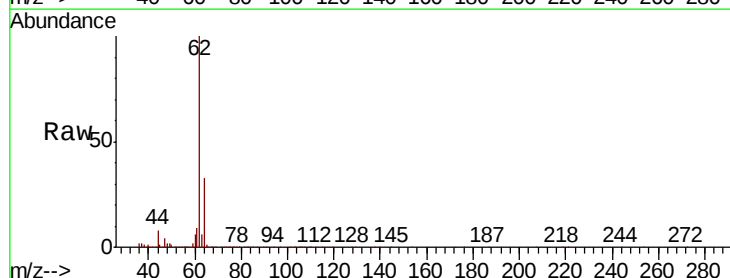
Acq: 26 Nov 2018 12:05

Tgt Ion: 62 Resp: 55379

Ion Ratio Lower Upper

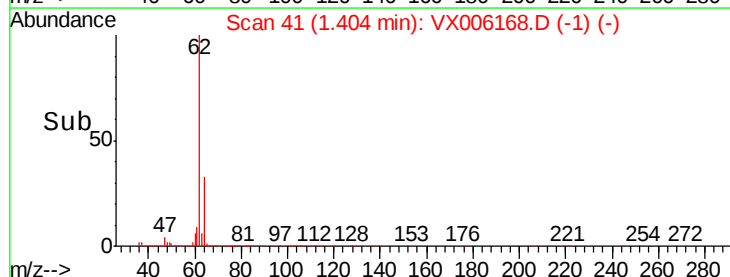
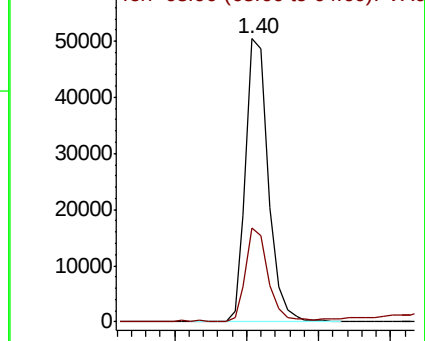
62 100

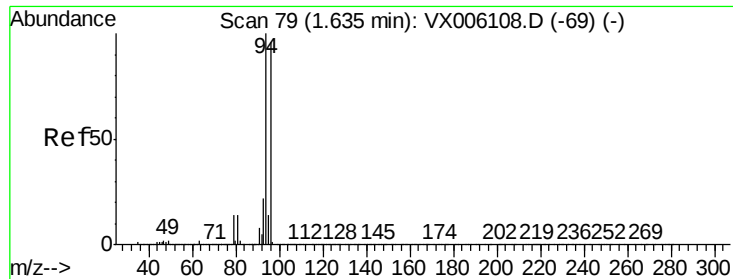
64 32.9 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.686 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

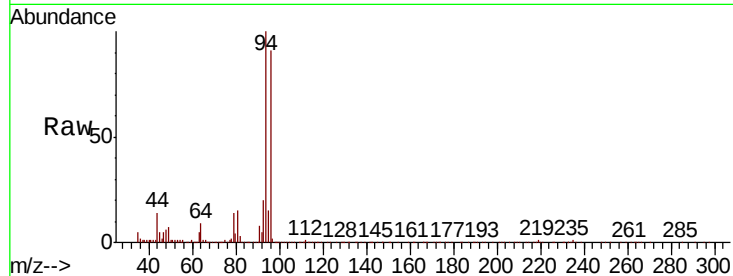
VX1126WBS01

Tot Ion: 94 Resp: 28649

Ion Ratio Lower Upper

94 100

96 91.0 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

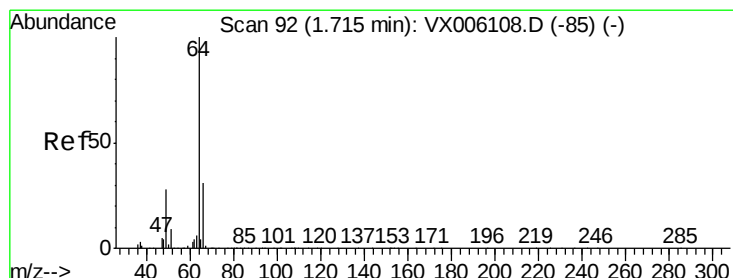
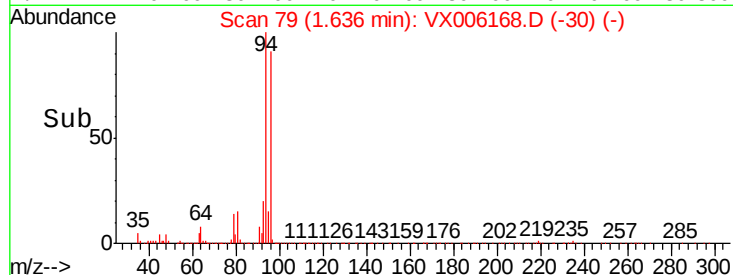
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 26.787 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006168.D

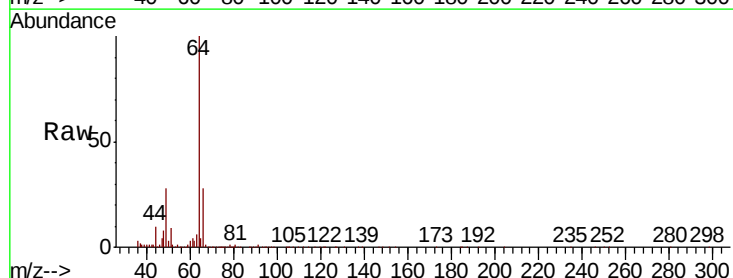
Acq: 26 Nov 2018 12:05

Tgt Ion: 64 Resp: 31542

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

15000

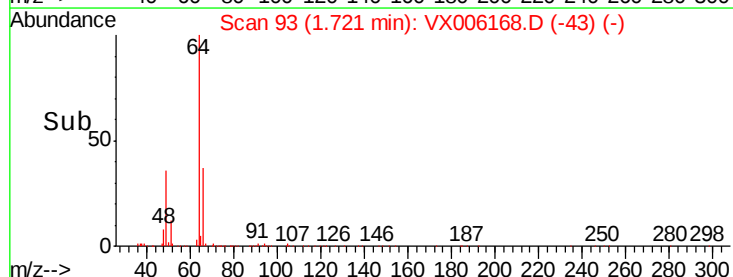
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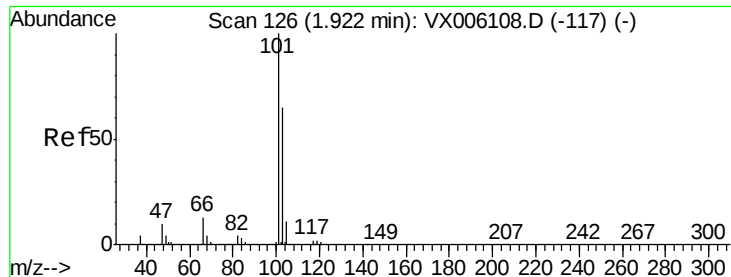
5000

0

Time-->

1.65 1.70 1.75 1.80



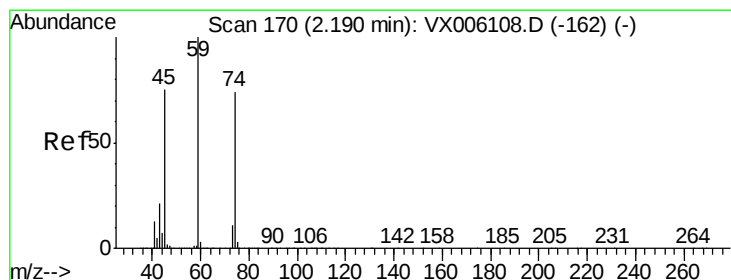
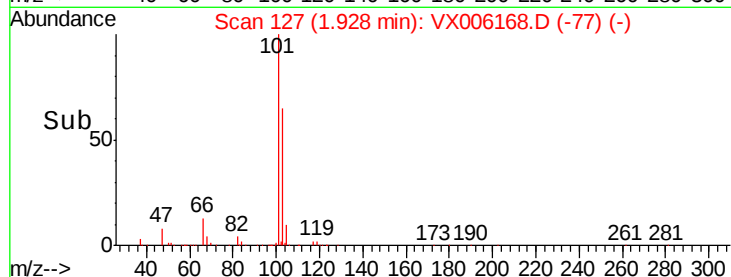
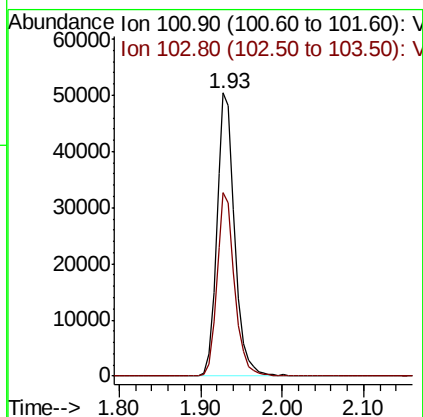
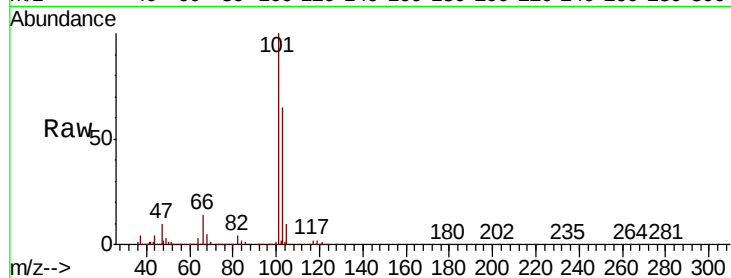


#7

Trichlorofluoromethane
Concen: 20.516 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

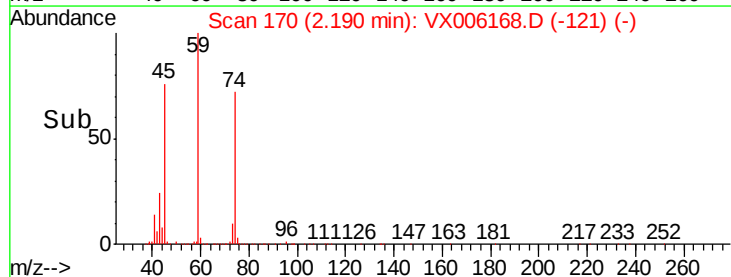
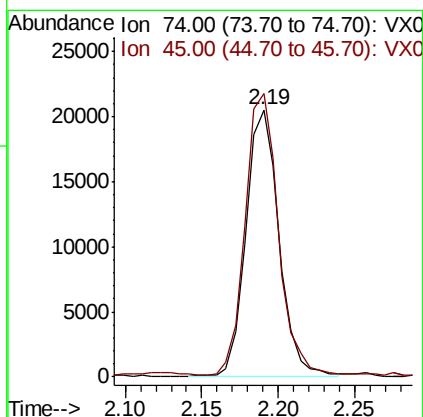
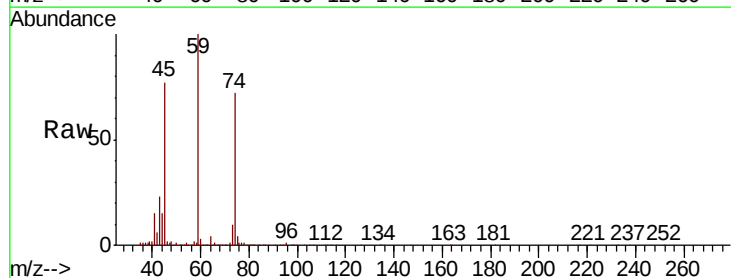
Tot Ion:101 Resp: 77309
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1

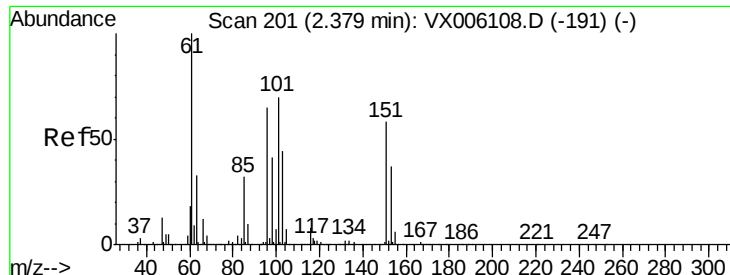


#8

Diethyl Ether
Concen: 19.280 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion: 74 Resp: 30711
Ion Ratio Lower Upper
74 100
45 106.1 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.202 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

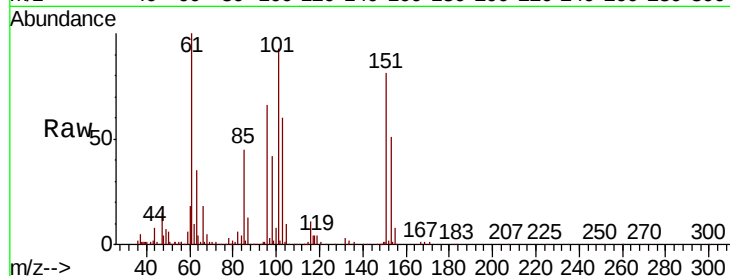
Tot Ion:101 Resp: 45142

Ion Ratio Lower Upper

101 100

85 45.4 36.0 54.0

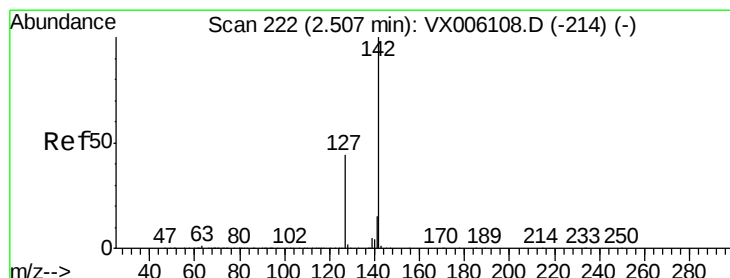
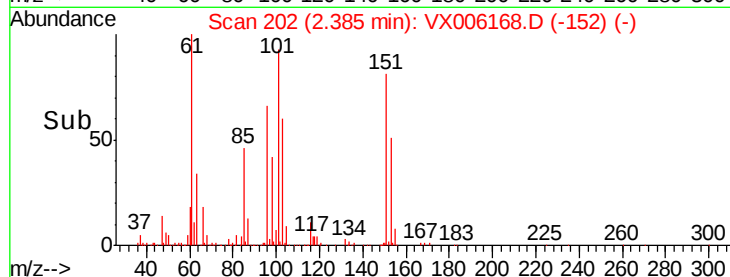
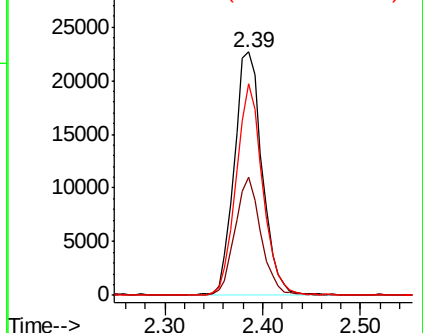
151 82.8 65.8 98.6



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: 8.362 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

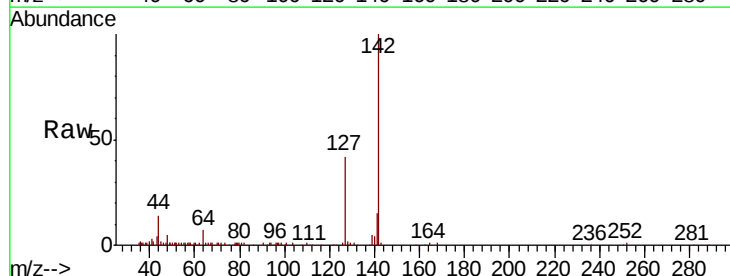
Tgt Ion:142 Resp: 23427

Ion Ratio Lower Upper

142 100

127 46.3 36.0 54.0

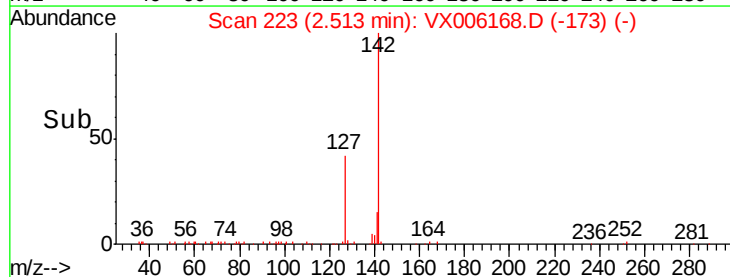
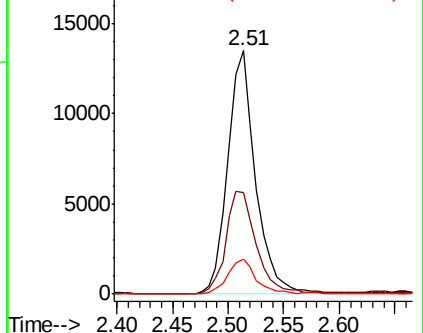
141 14.6 11.7 17.5

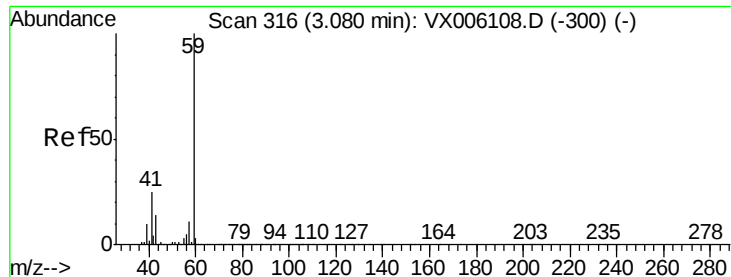


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

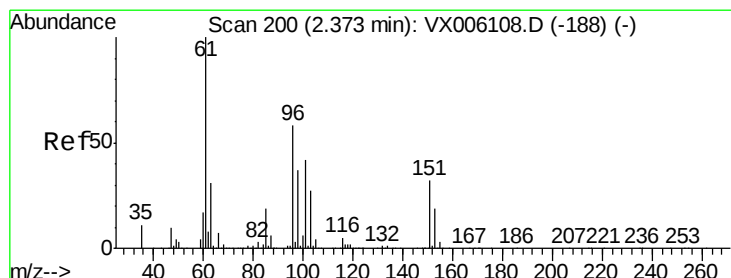
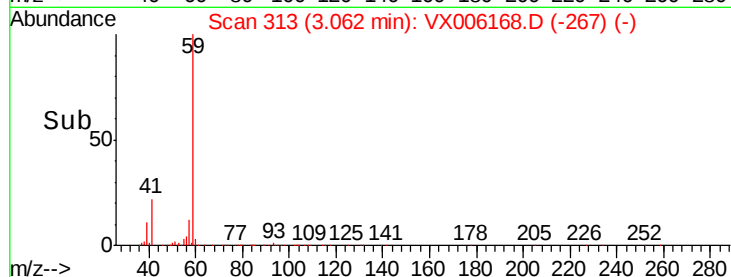
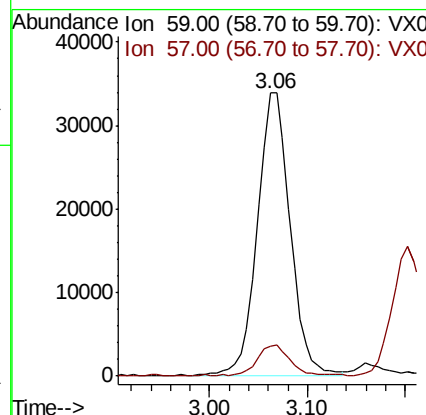
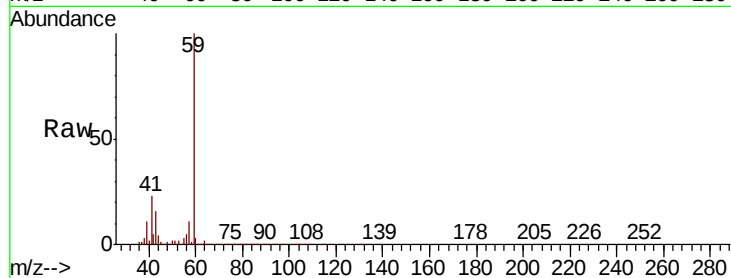




#11
Tert butyl alcohol
Concen: 105.868 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

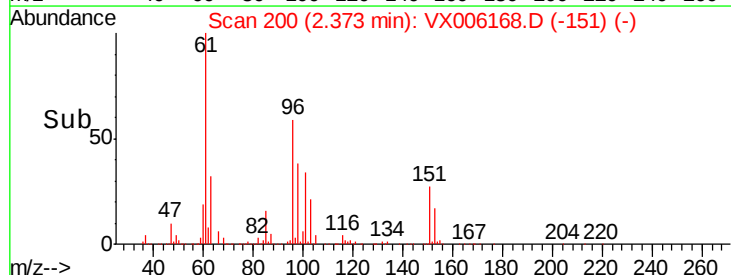
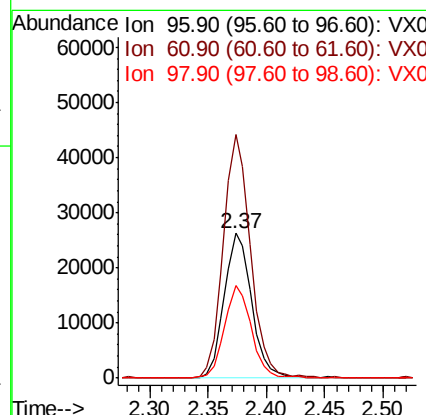
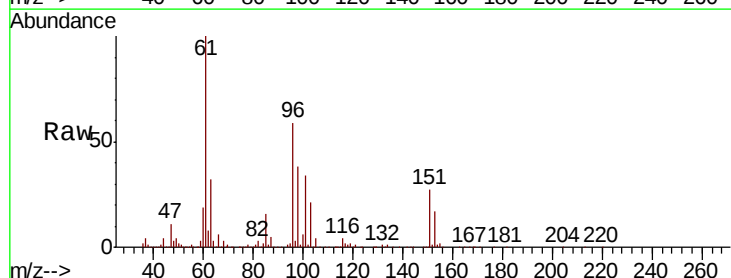
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

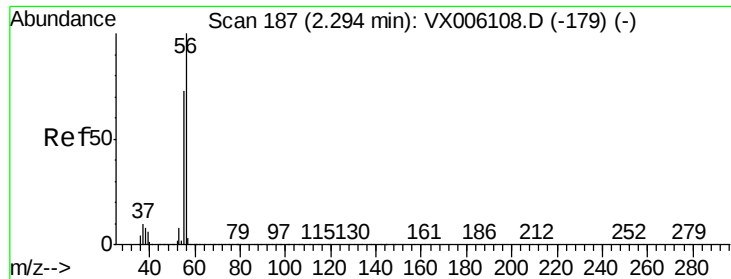
Tot Ion: 59 Resp: 78726
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1



#12
1,1-Dichloroethene
Concen: 19.744 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion: 96 Resp: 43009
Ion Ratio Lower Upper
96 100
61 167.7 138.2 207.4
98 63.4 51.3 76.9

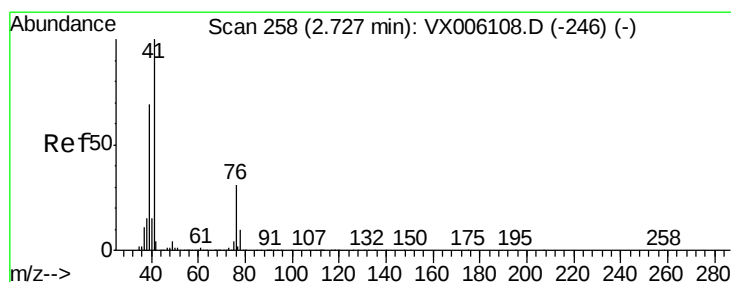
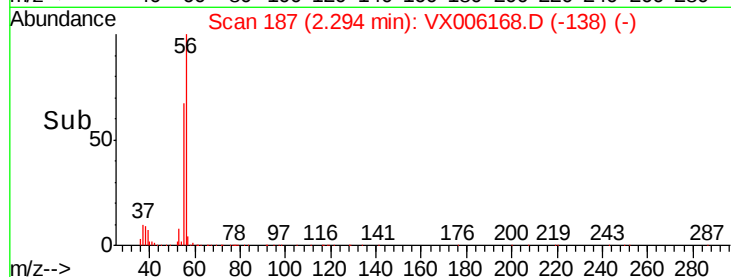
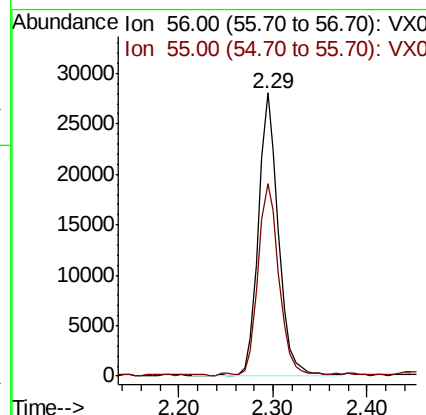
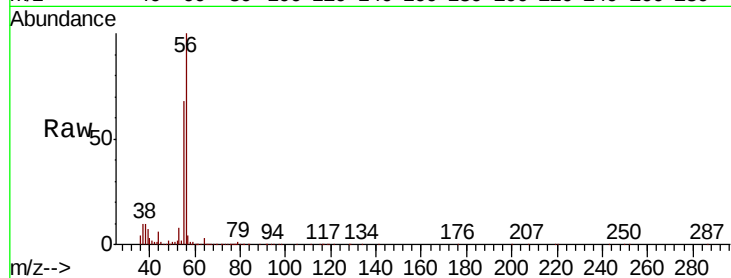




#13
Acrolein
Concen: 95.621 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

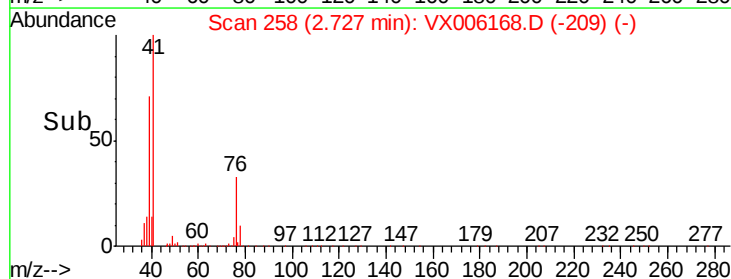
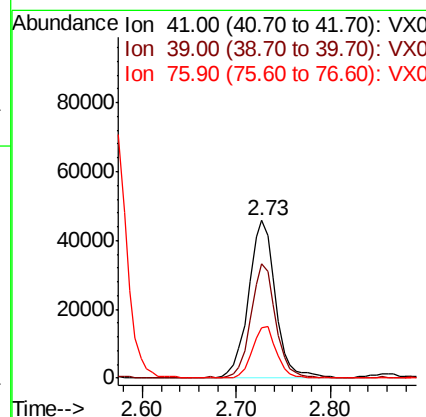
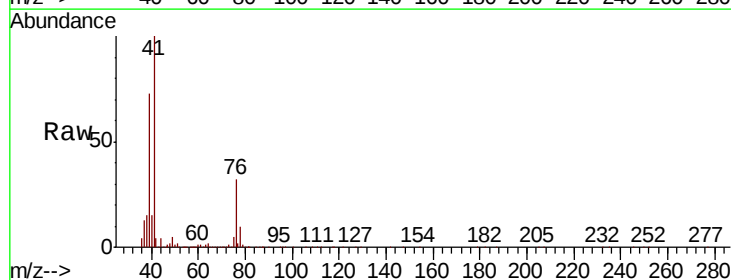
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

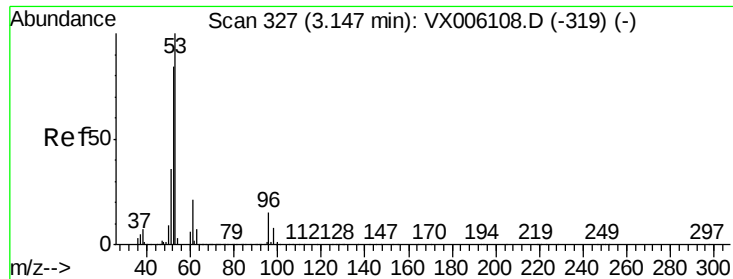
Tot Ion: 56 Resp: 42549
Ion Ratio Lower Upper
56 100
55 69.3 57.8 86.6



#14
Allyl chloride
Concen: 20.423 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion: 41 Resp: 91016
Ion Ratio Lower Upper
41 100
39 66.3 52.5 78.7
76 29.6 23.4 35.2





#15

Acrylonitrile

Concen: 100.940 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

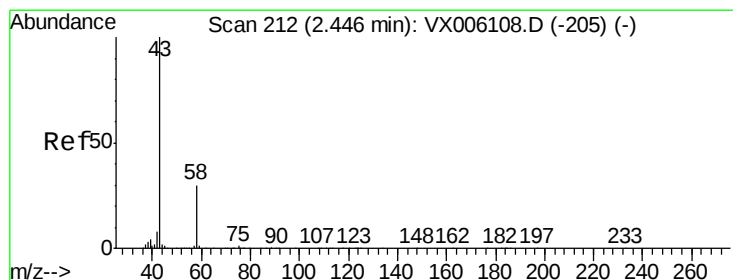
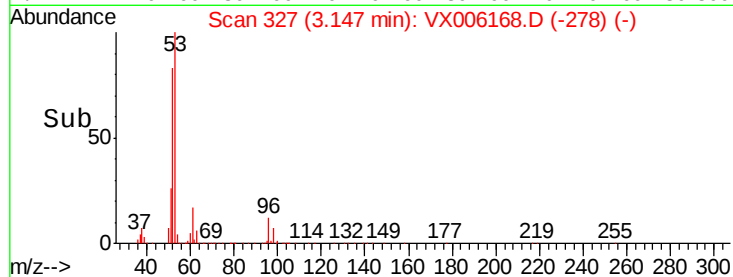
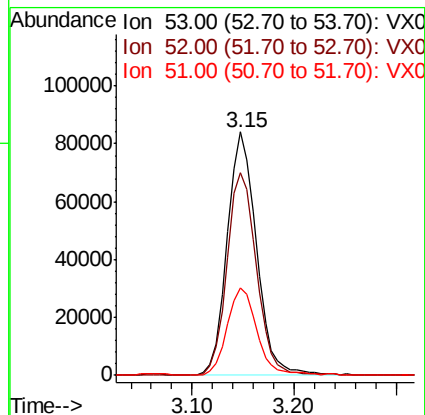
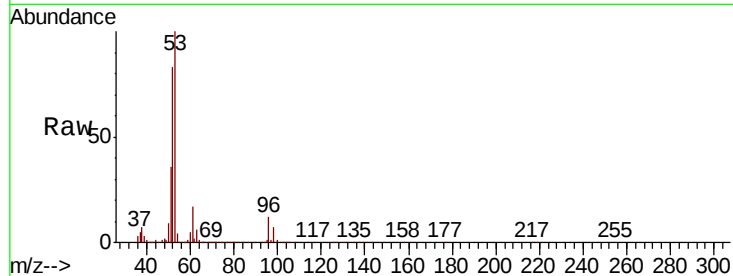
Tot Ion: 53 Resp: 165793

Ion Ratio Lower Upper

53 100

52 84.1 66.4 99.6

51 36.6 29.4 44.0



#16

Acetone

Concen: 116.707 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006168.D

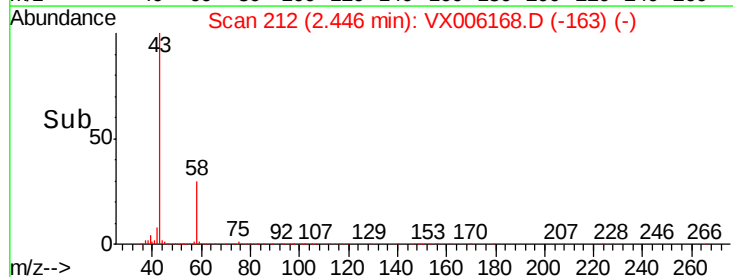
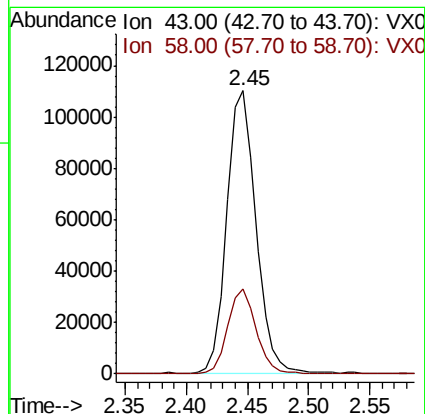
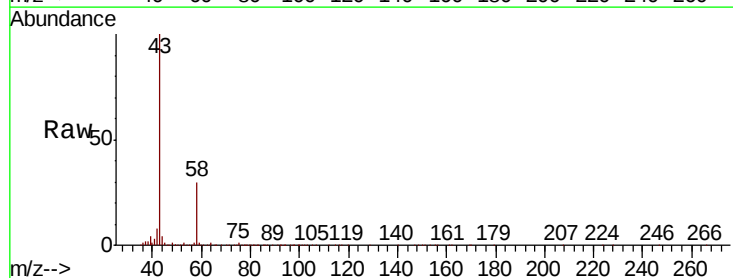
Acq: 26 Nov 2018 12:05

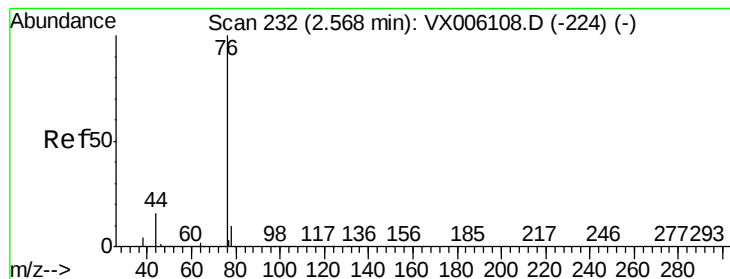
Tgt Ion: 43 Resp: 181034

Ion Ratio Lower Upper

43 100

58 29.9 23.8 35.8





#17

Carbon Disulfide

Concen: 21.578 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

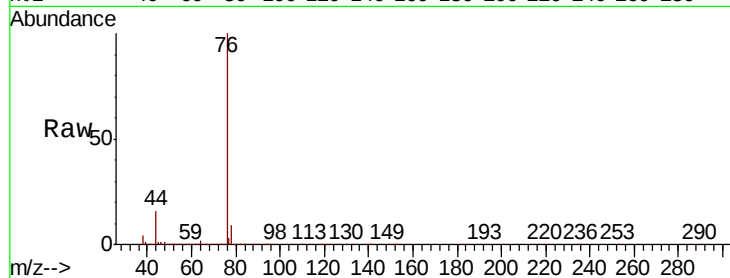
VX1126WBS01

Tot Ion: 76 Resp: 126919

Ion Ratio Lower Upper

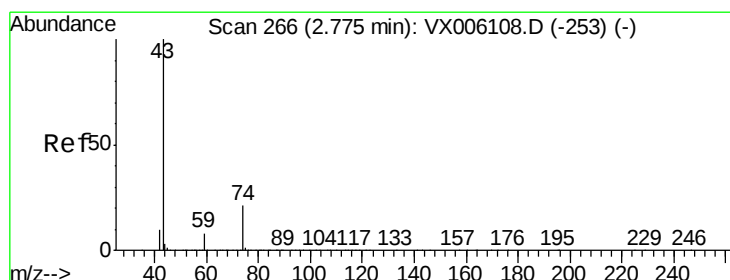
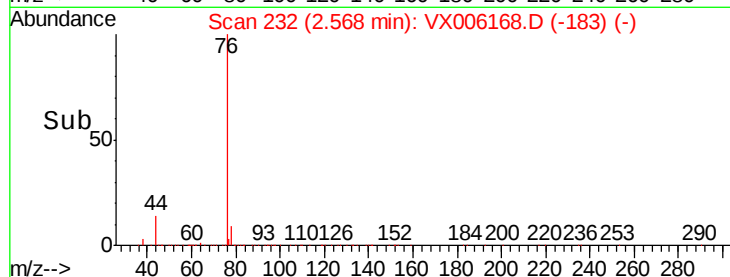
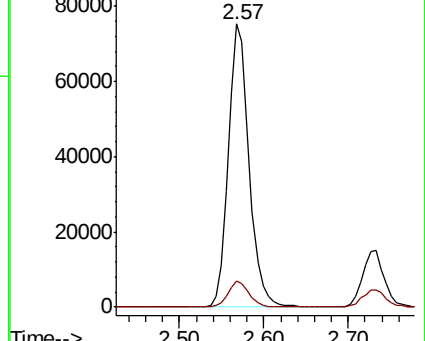
76 100

78 9.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.737 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006168.D

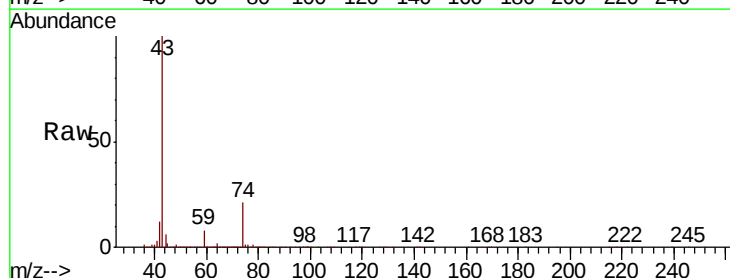
Acq: 26 Nov 2018 12:05

Tgt Ion: 43 Resp: 86469

Ion Ratio Lower Upper

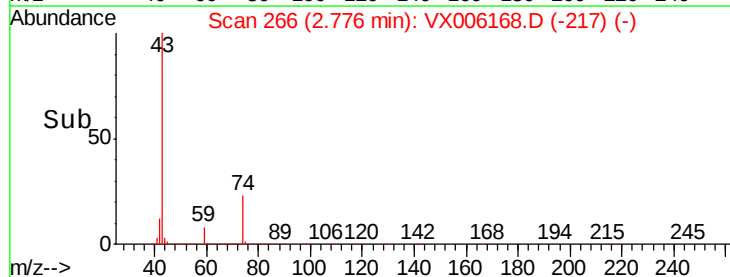
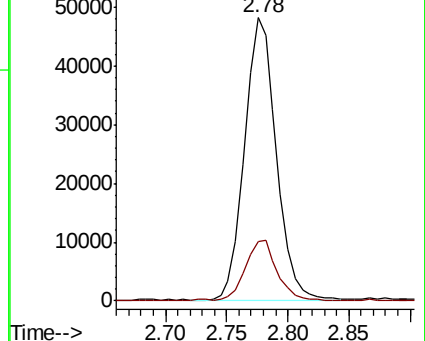
43 100

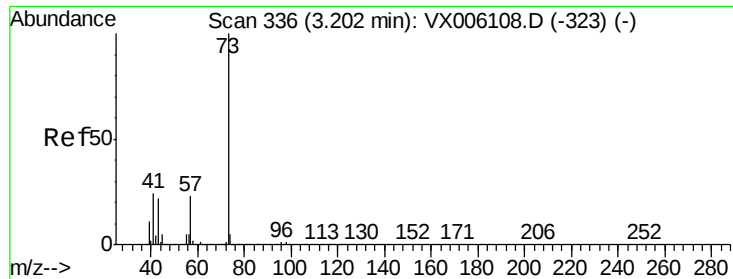
74 22.1 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



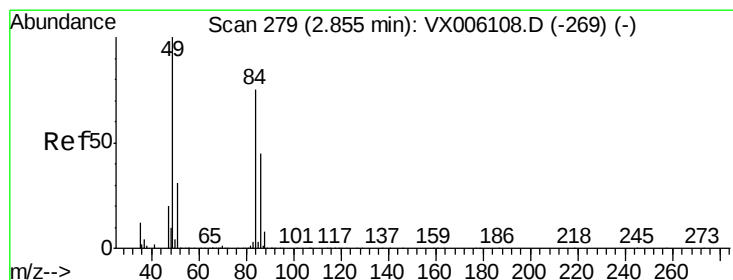
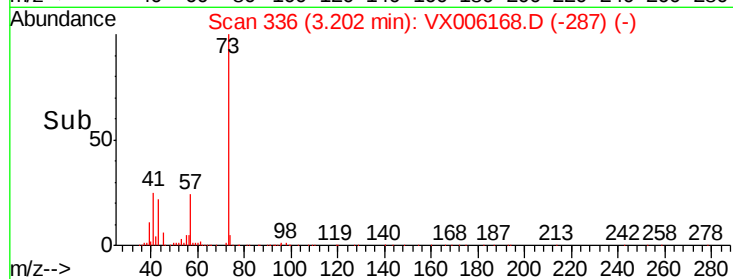
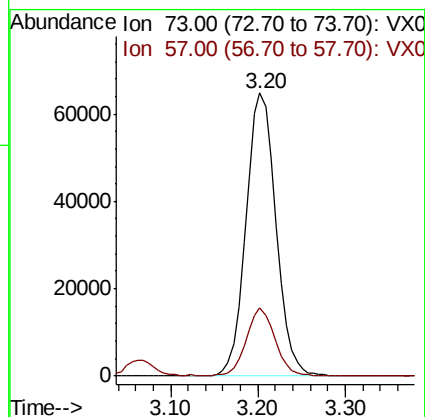
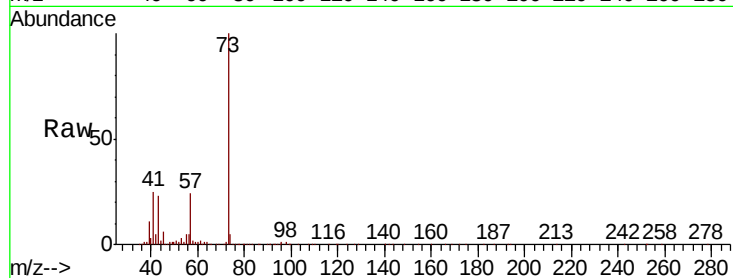


#19

Methyl tert-butyl Ether
 Concen: 20.442 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

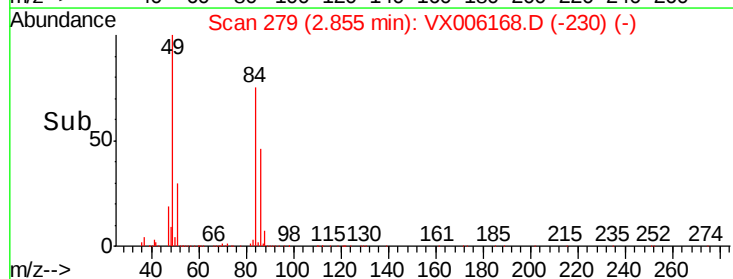
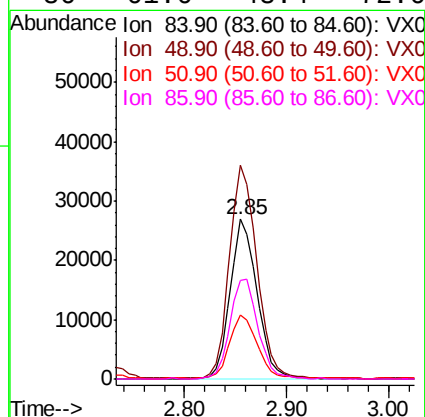
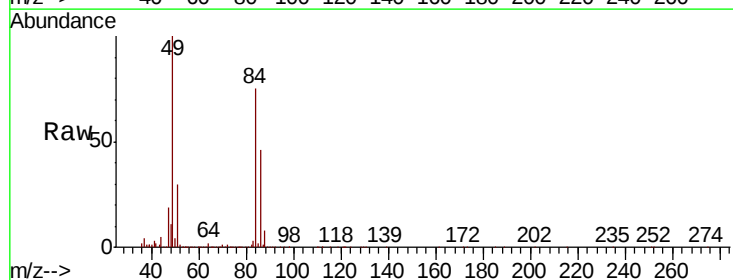
Tot Ion: 73 Resp: 153913
 Ion Ratio Lower Upper
 73 100
 57 23.8 18.2 27.4

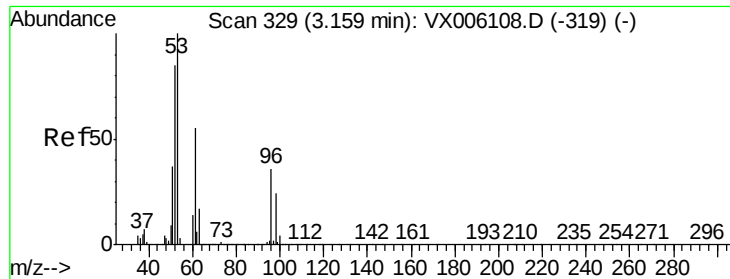


#20

Methylene Chloride
 Concen: 20.786 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion: 84 Resp: 49279
 Ion Ratio Lower Upper
 84 100
 49 133.5 106.6 159.8
 51 39.7 32.6 49.0
 86 61.6 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 20.578 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

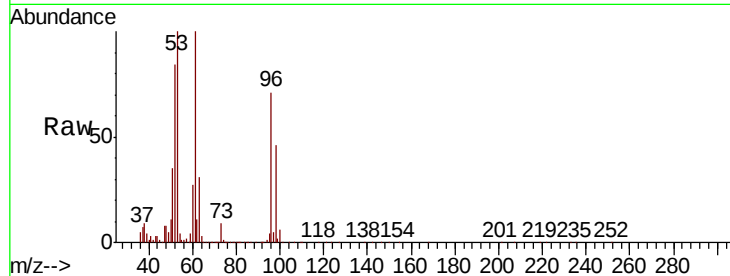
Tot Ion: 96 Resp: 46900

Ion Ratio Lower Upper

96 100

61 138.8 122.0 183.0

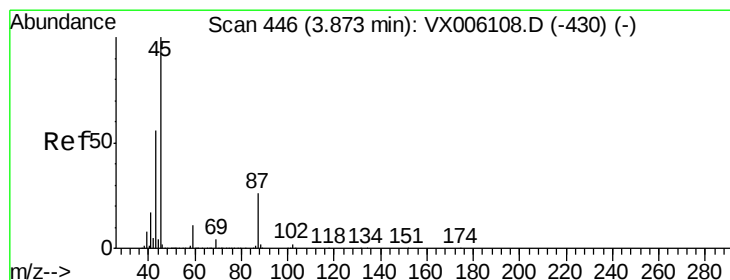
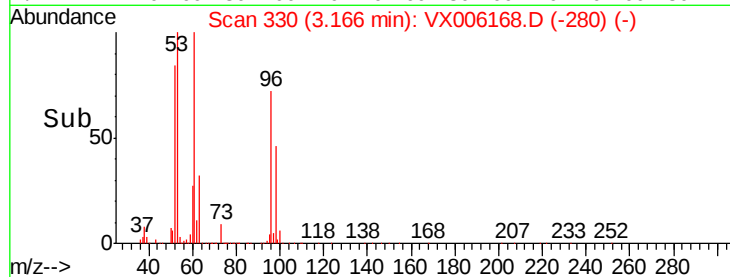
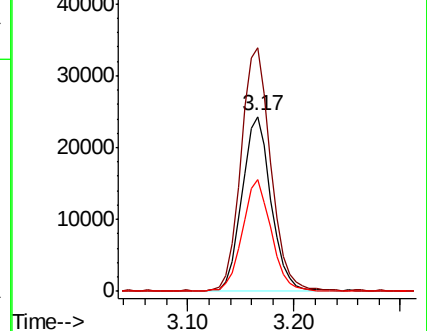
98 63.8 52.7 79.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.376 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion: 45 Resp: 203937

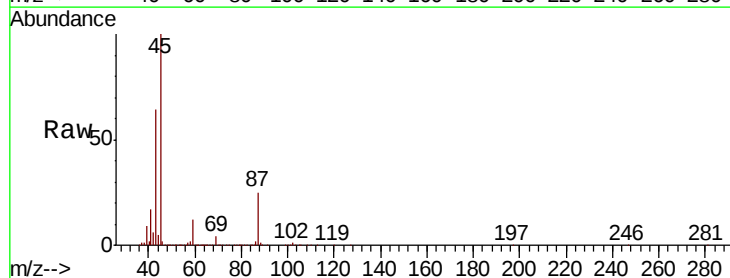
Ion Ratio Lower Upper

45 100

43 63.5 45.8 68.8

87 24.9 21.0 31.4

59 11.5 8.6 12.8

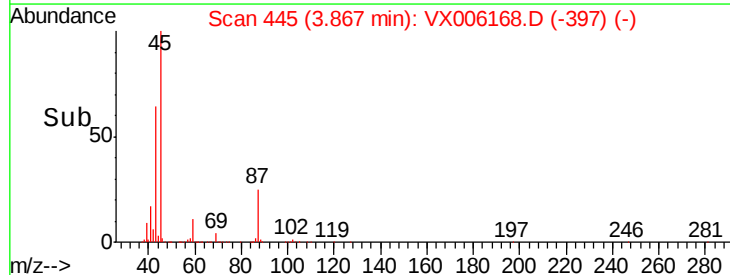
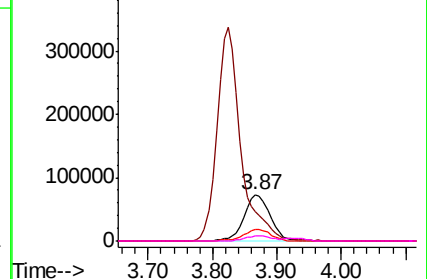


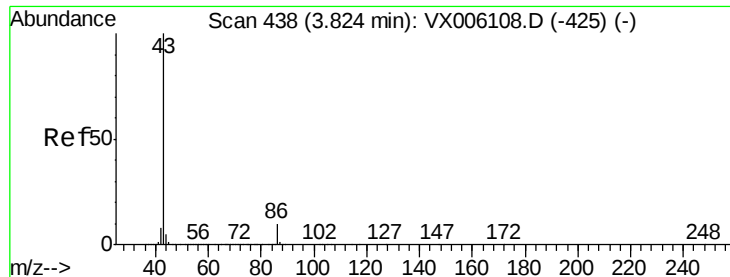
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 110.293 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

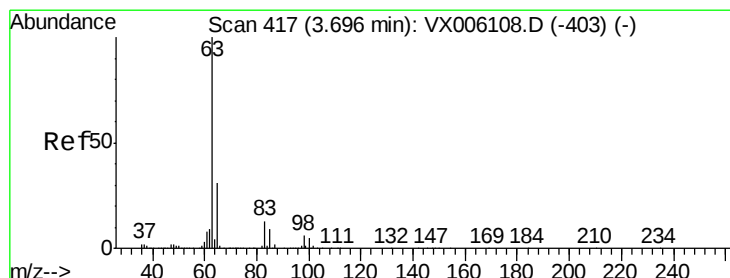
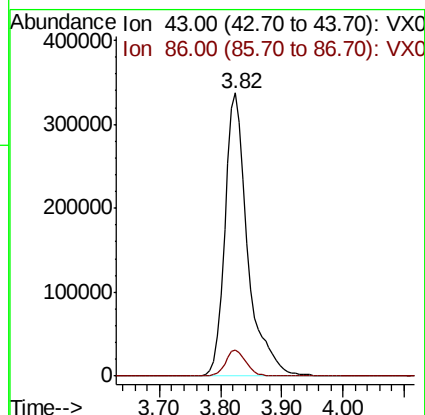
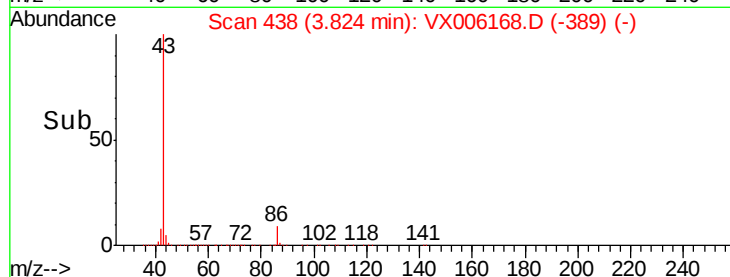
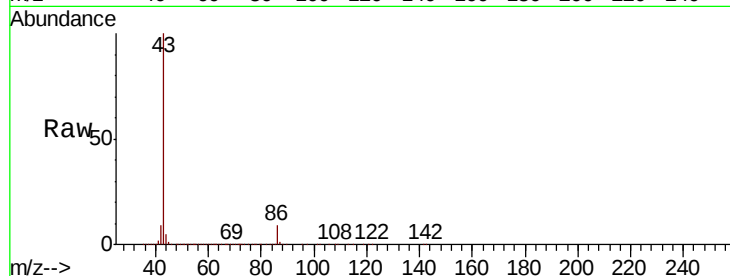
VX1126WBS01

Tot Ion: 43 Resp: 872969

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



#24

1,1-Dichloroethane

Concen: 20.151 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

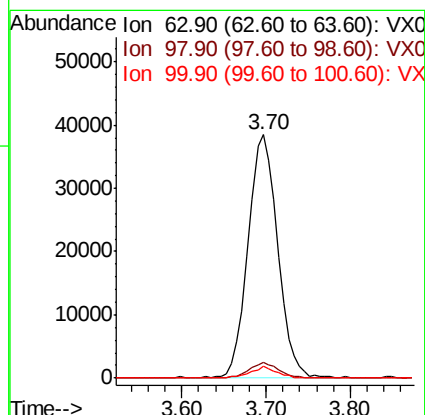
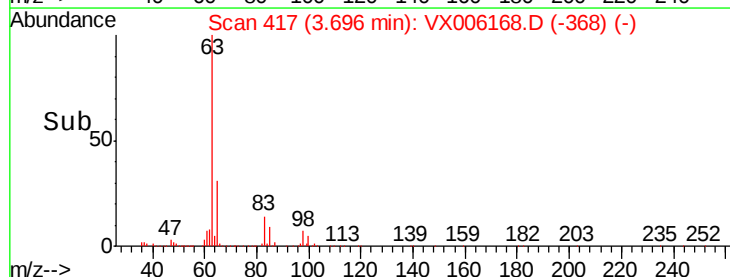
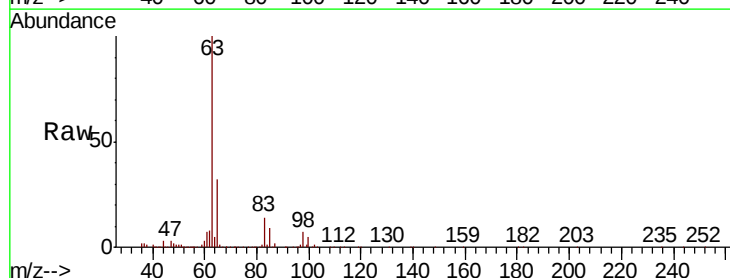
Tgt Ion: 63 Resp: 90572

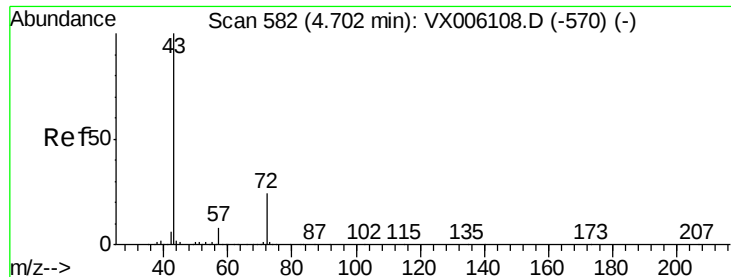
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 107.530 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

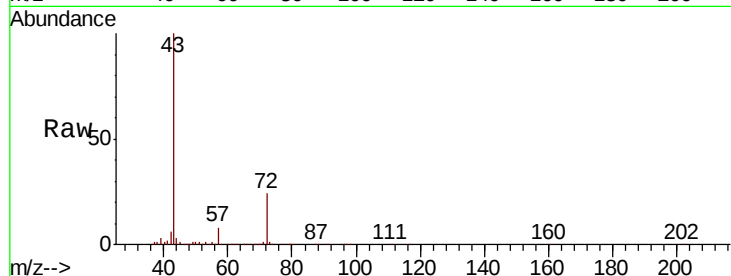
VX1126WBS01

Tot Ion: 43 Resp: 309602

Ion Ratio Lower Upper

43 100

72 23.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

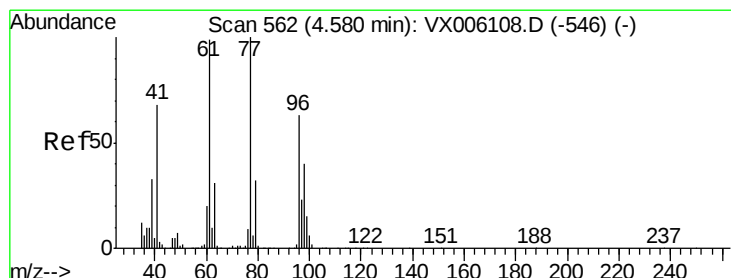
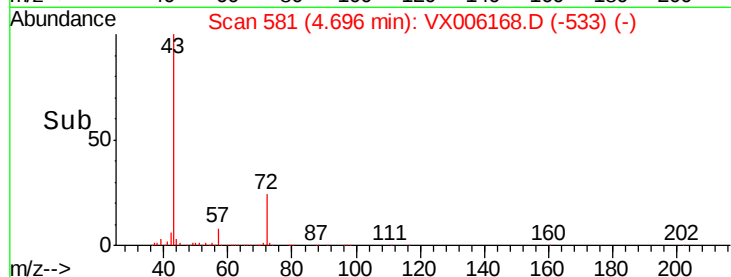
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 23.255 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006168.D

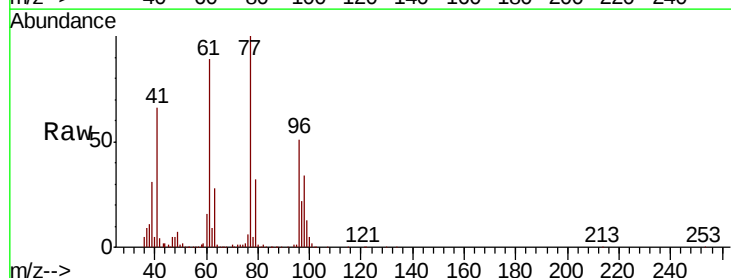
Acq: 26 Nov 2018 12:05

Tgt Ion: 77 Resp: 86148

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

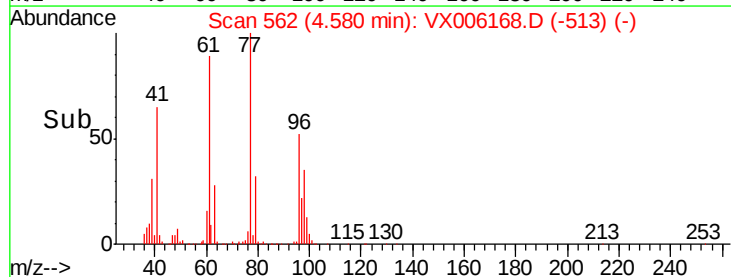
10000

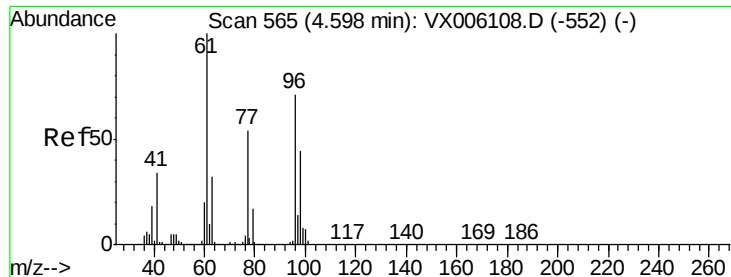
5000

0

4.40 4.50 4.60 4.70

Time-->



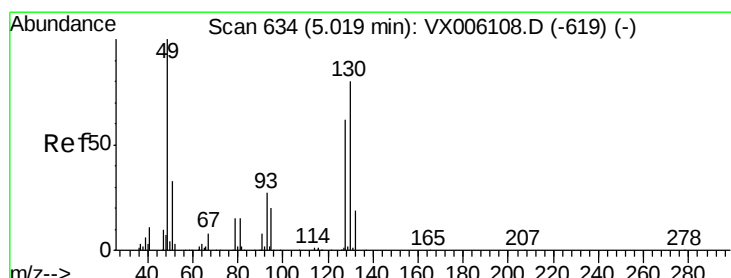
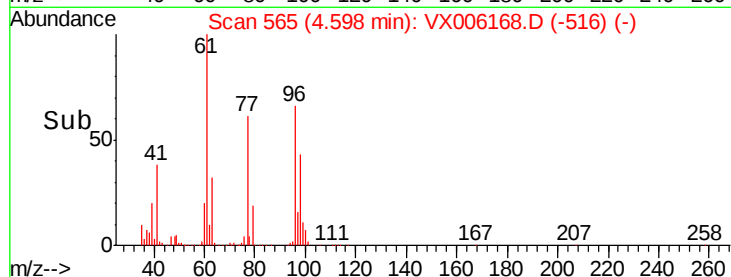
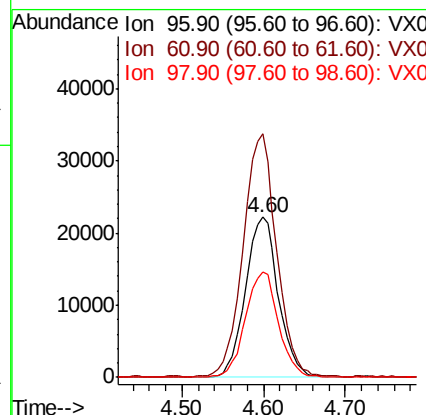
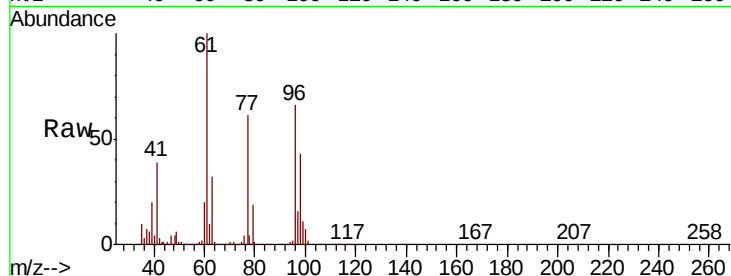


#27

cis-1,2-Dichloroethene
 Concen: 19.627 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

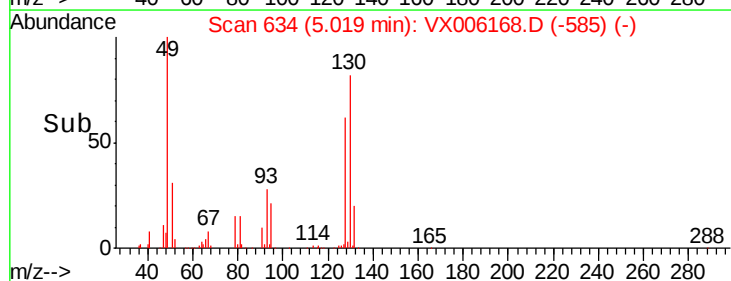
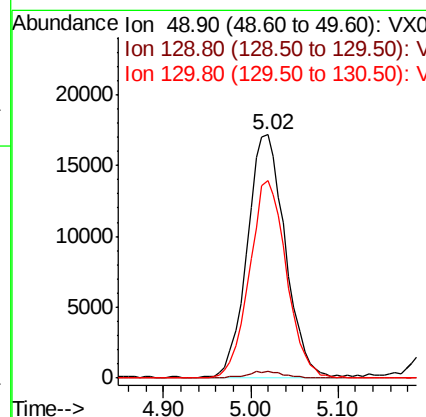
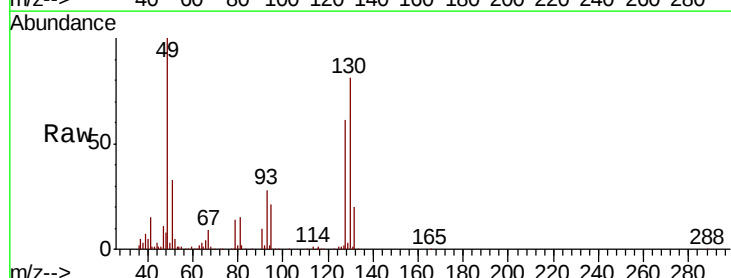
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	0.0	291.6
98	65.9	0.0	128.2

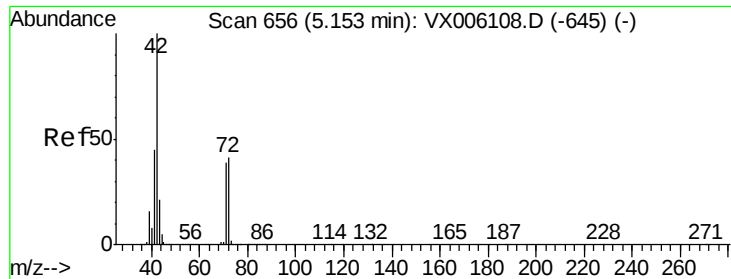


#28

Bromochloromethane
 Concen: 19.821 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.0	61.6	92.4





#29

Tetrahydrofuran

Concen: 104.964 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

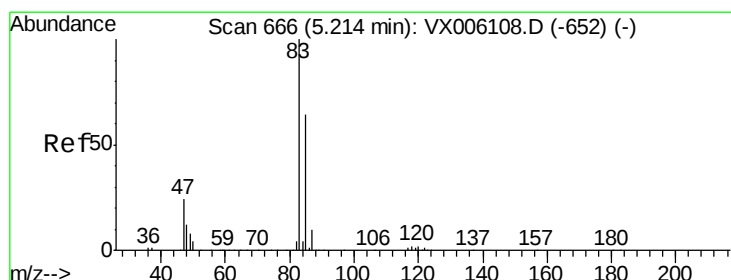
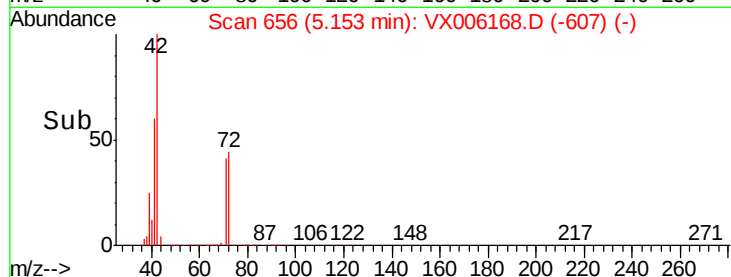
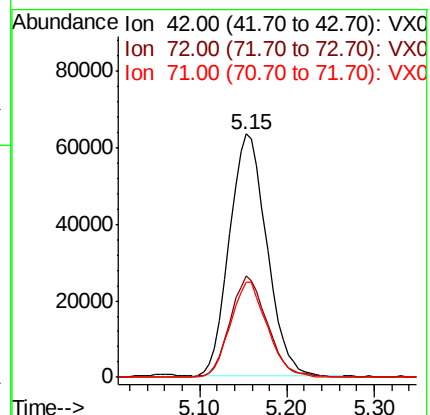
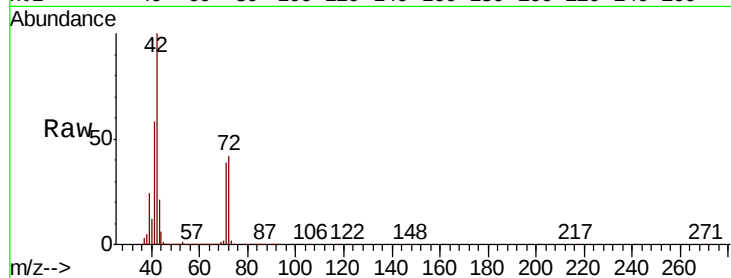
Tot Ion: 42 Resp: 188527

Ion Ratio Lower Upper

42 100

72 41.7 33.0 49.6

71 39.0 31.0 46.4



#30

Chloroform

Concen: 19.929 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006168.D

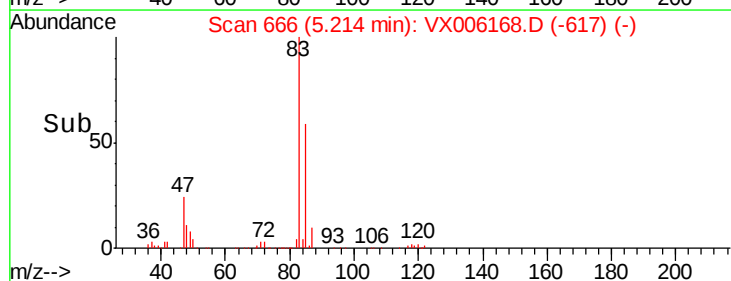
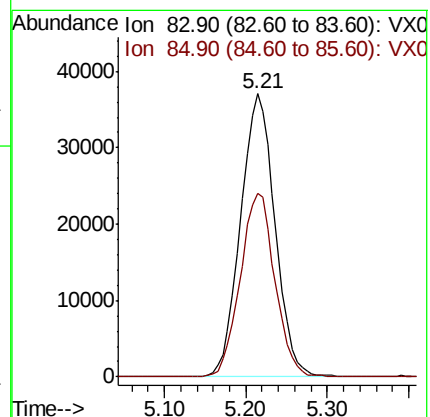
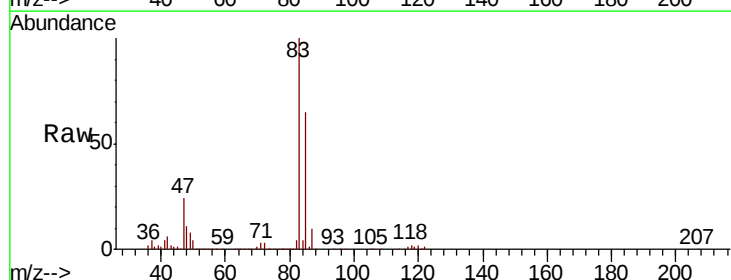
Acq: 26 Nov 2018 12:05

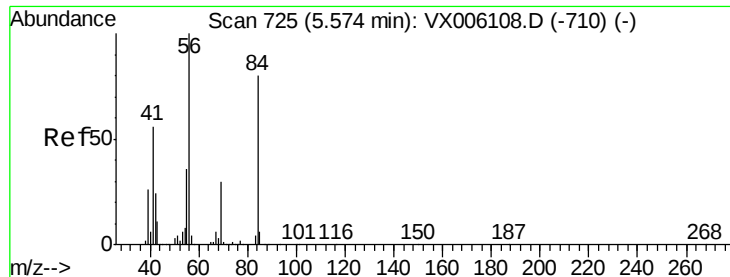
Tgt Ion: 83 Resp: 108549

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.4

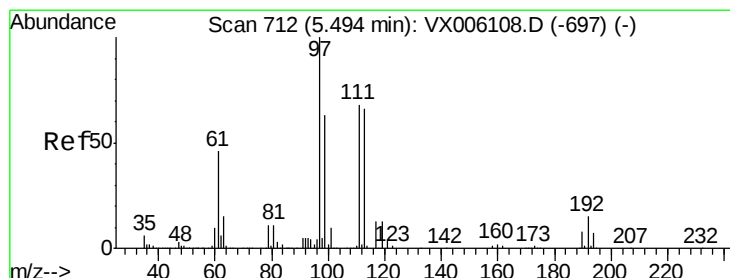
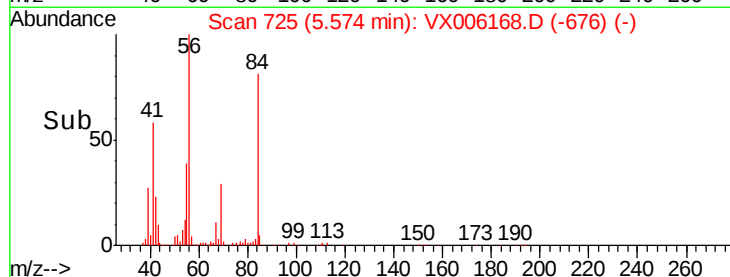
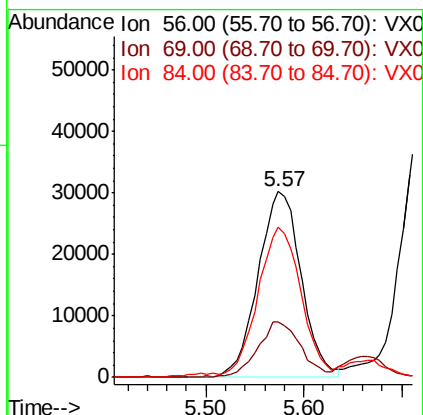
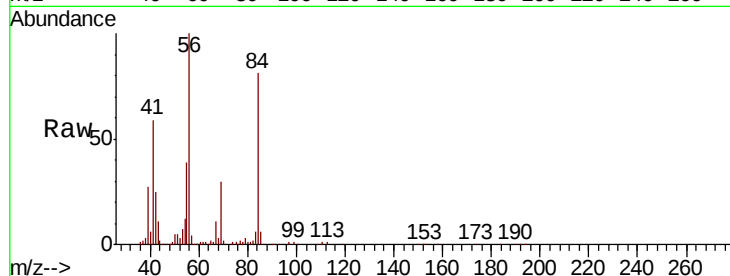




#31
Cyclohexane
Concen: 19.576 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

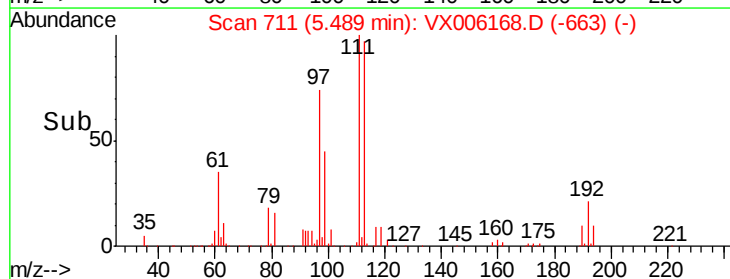
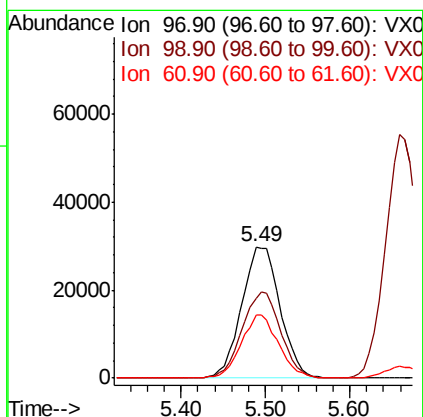
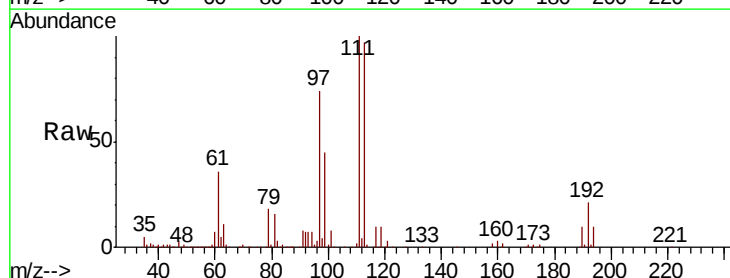
Instrument :
MSVOA_X
ClientSampled :
VX1126WBS01

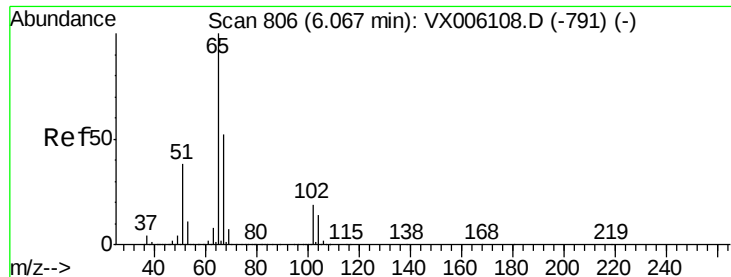
Tot Ion: 56 Resp: 91907
Ion Ratio Lower Upper
56 100
69 28.8 23.9 35.9
84 79.8 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 21.032 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion: 97 Resp: 92499
Ion Ratio Lower Upper
97 100
99 65.7 51.6 77.4
61 46.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.447 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

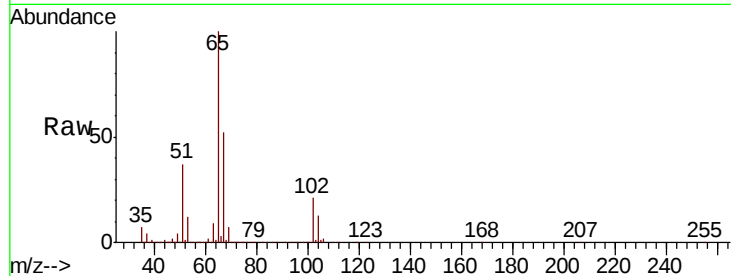
VX1126WBS01

Tot Ion: 65 Resp: 183338

Ion Ratio Lower Upper

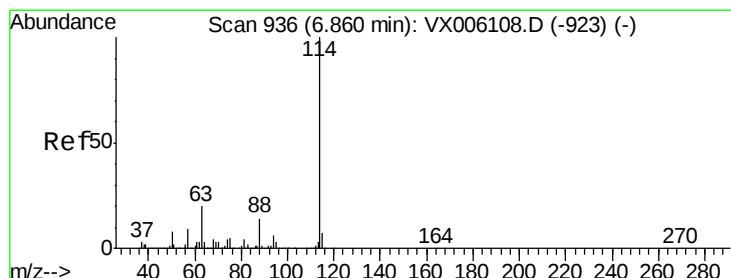
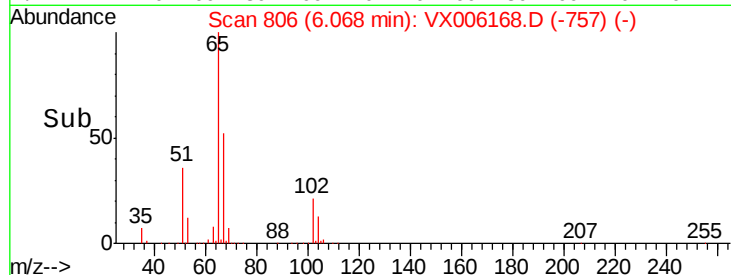
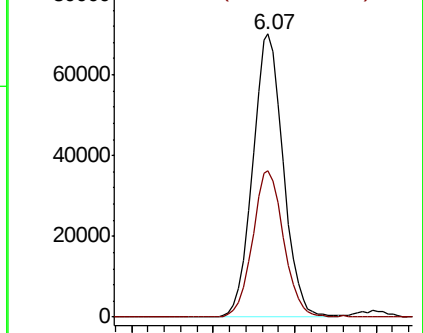
65 100

67 52.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

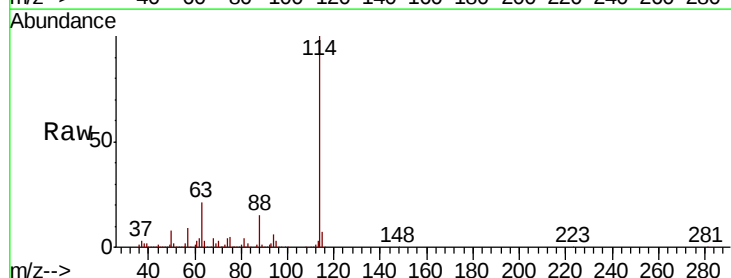
Tgt Ion: 114 Resp: 439606

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

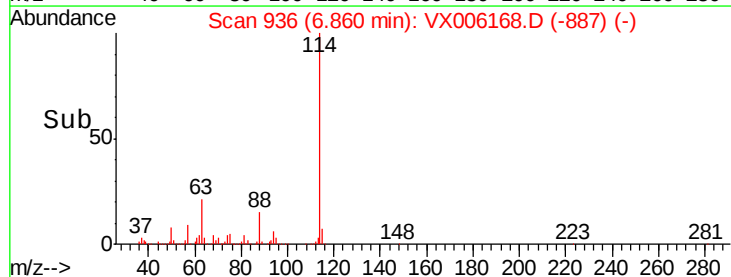
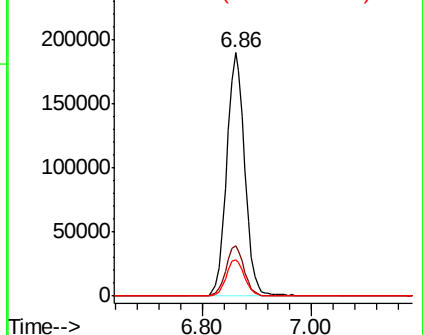
88 15.1 0.0 28.6

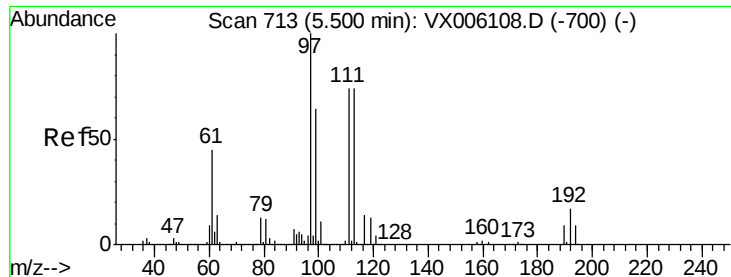


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.640 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

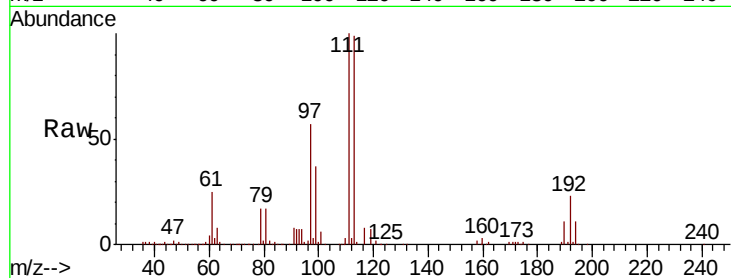
Tot Ion:113 Resp: 145724

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

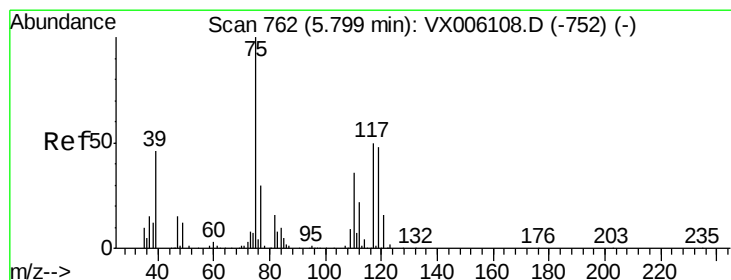
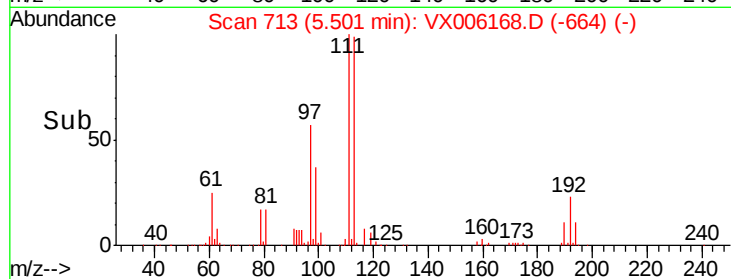
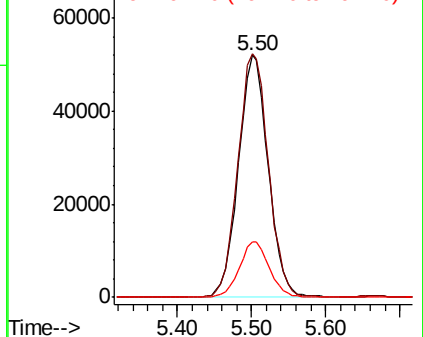
192 22.9 18.6 28.0



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: 19.512 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

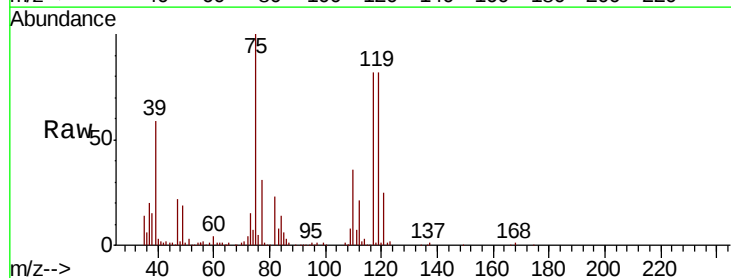
Tgt Ion: 75 Resp: 78036

Ion Ratio Lower Upper

75 100

110 37.5 17.8 53.3

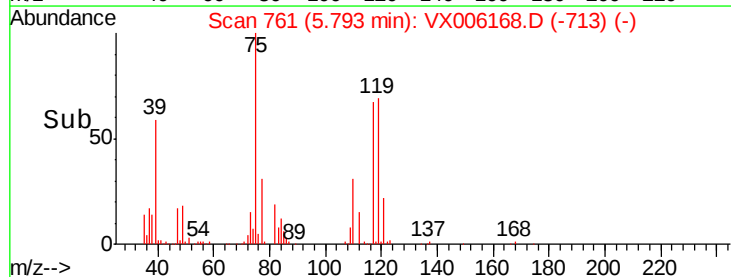
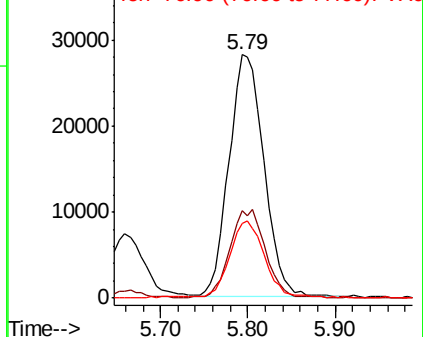
77 31.0 24.5 36.7

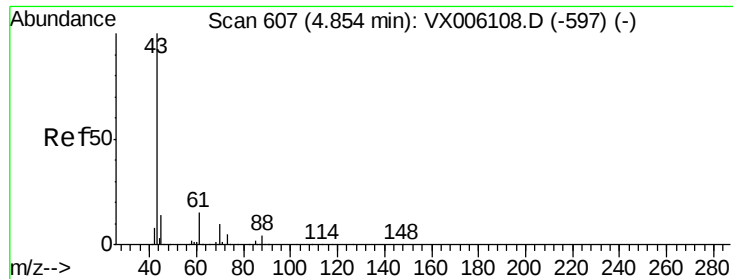


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

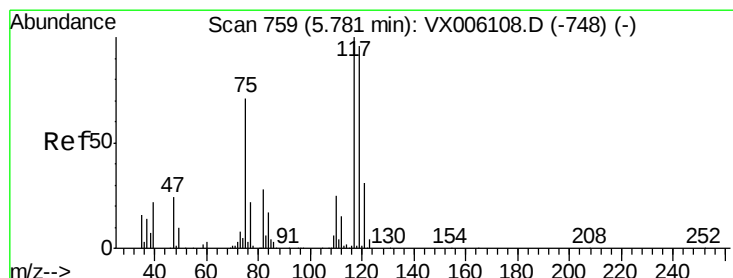
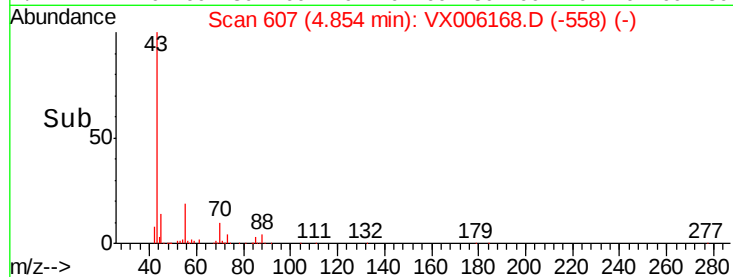
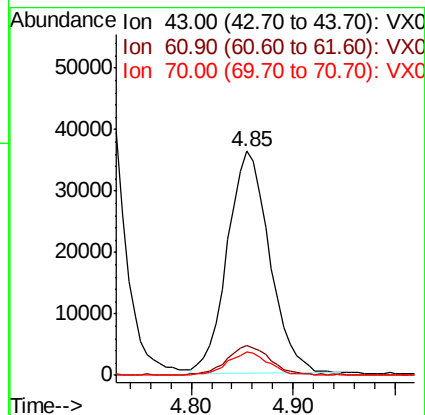
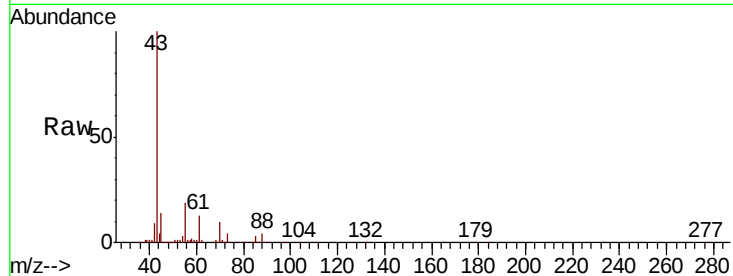




#37
Ethyl Acetate
Concen: 20.221 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

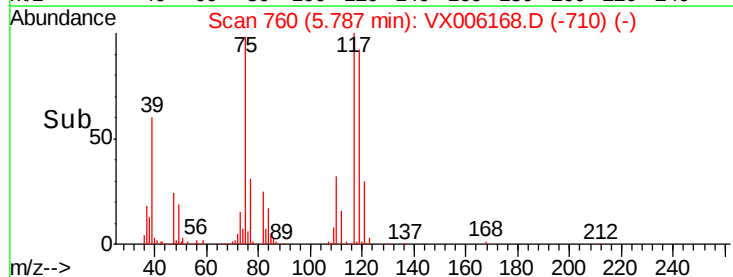
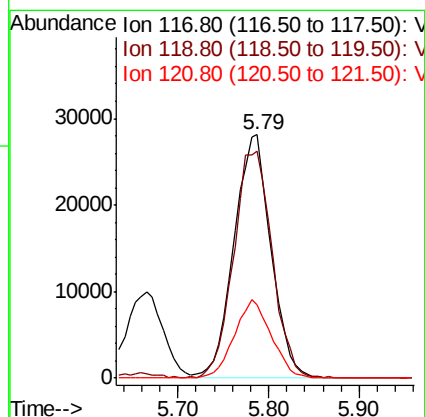
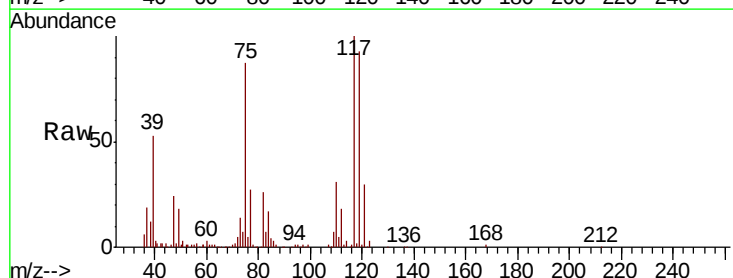
Instrument :
MSVOA_X
ClientSampled :
VX1126WBS01

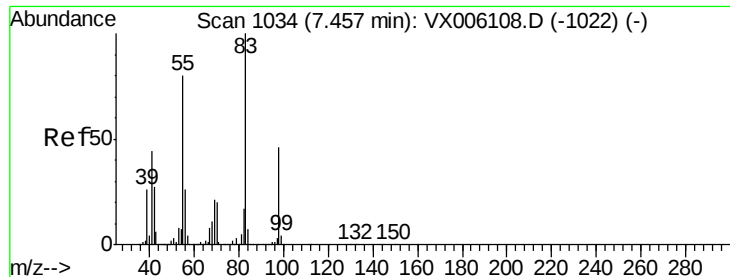
Tot Ion: 43 Resp: 104045
Ion Ratio Lower Upper
43 100
61 13.9 10.5 15.7
70 10.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 21.106 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion: 117 Resp: 79340
Ion Ratio Lower Upper
117 100
119 93.1 76.3 114.5
121 30.4 24.7 37.1

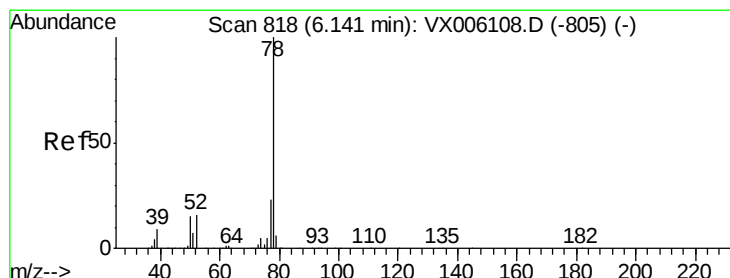
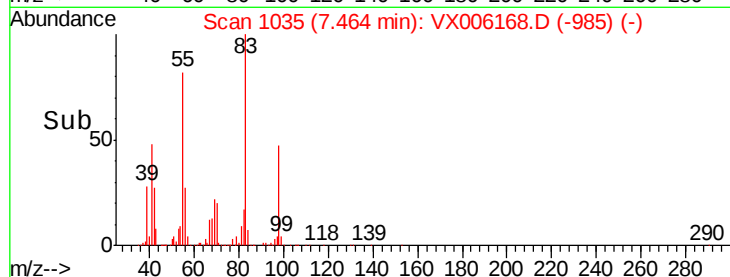
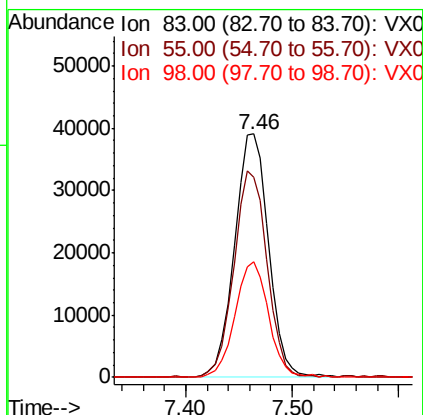
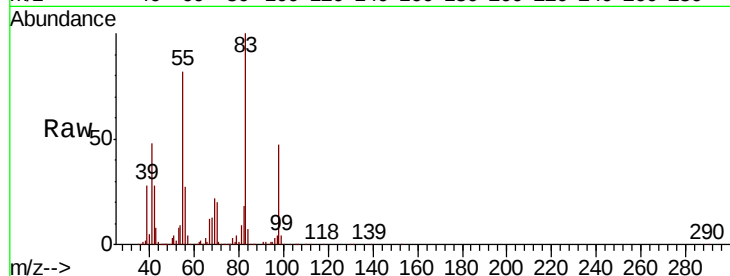




#39
Methvlcvclohexane
Concen: 19.110 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

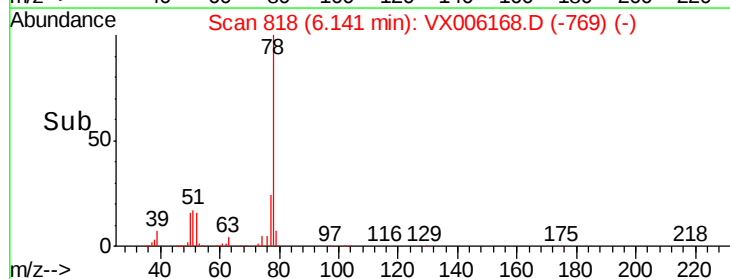
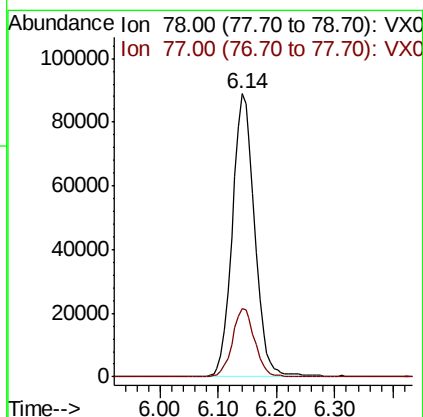
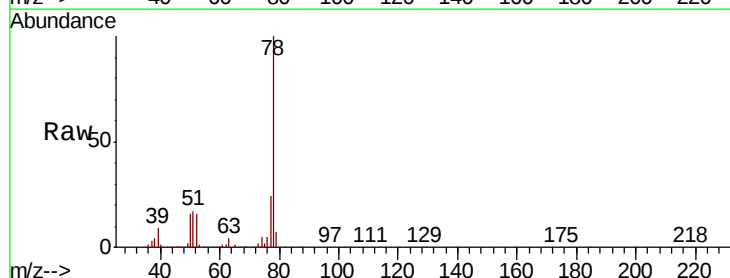
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

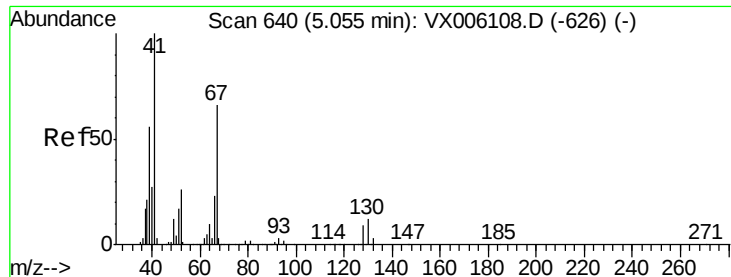
Tot Ion: 83 Resp: 87072
Ion Ratio Lower Upper
83 100
55 82.1 63.9 95.9
98 47.3 36.8 55.2



#40
Benzene
Concen: 20.151 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion: 78 Resp: 237431
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41

Methacrylonitrile

Concen: 20.311 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 41 Resp: 57592

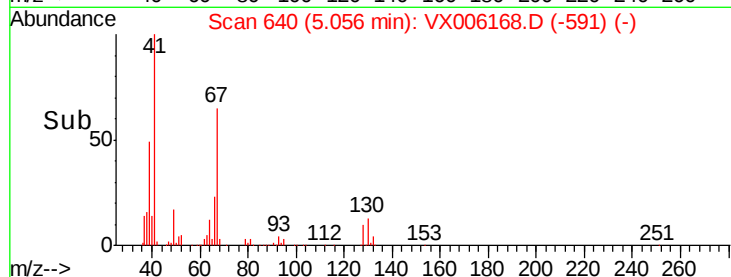
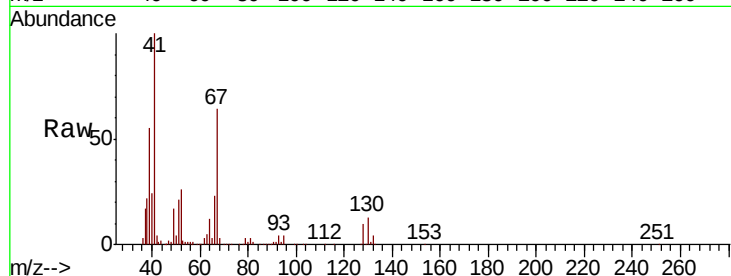
Ion Ratio Lower Upper

41 100

39 54.1 44.1 66.1

67 68.7 54.1 81.1

52 29.4 21.7 32.5

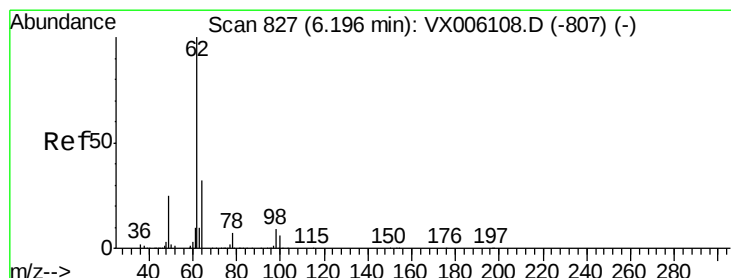
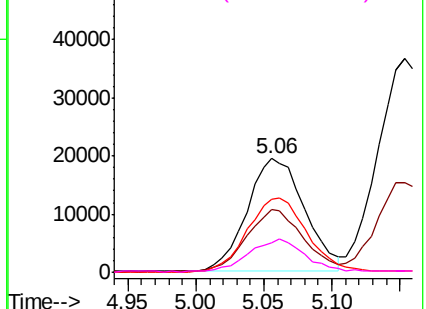


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.522 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006168.D

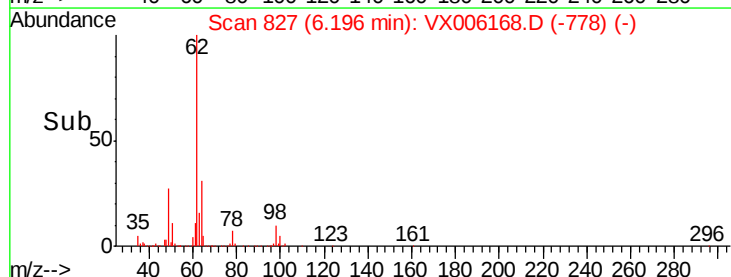
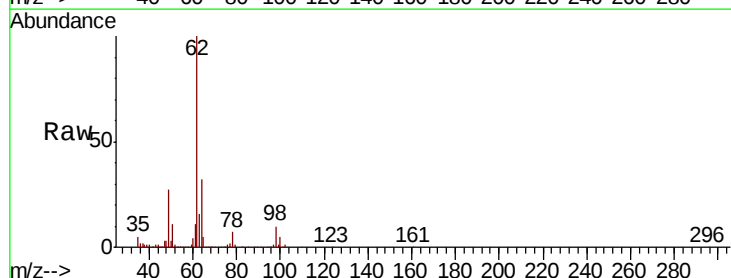
Acq: 26 Nov 2018 12:05

Tgt Ion: 62 Resp: 90401

Ion Ratio Lower Upper

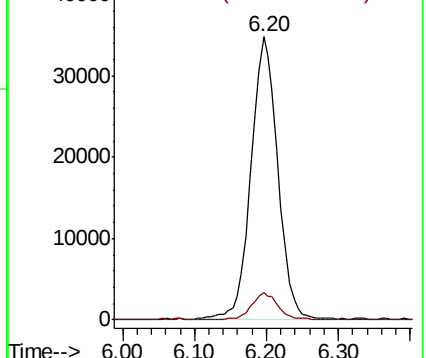
62 100

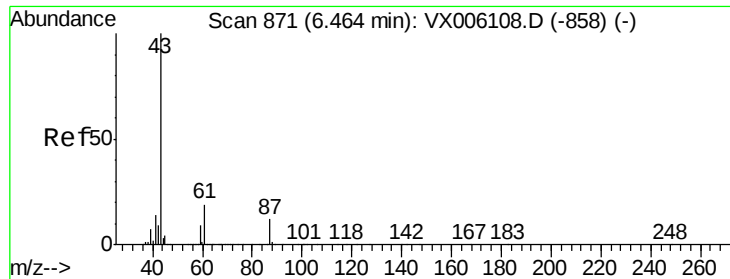
98 9.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



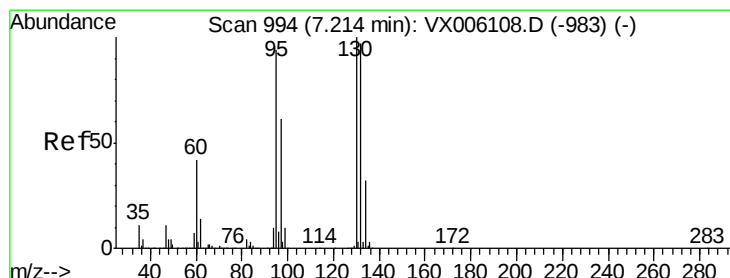
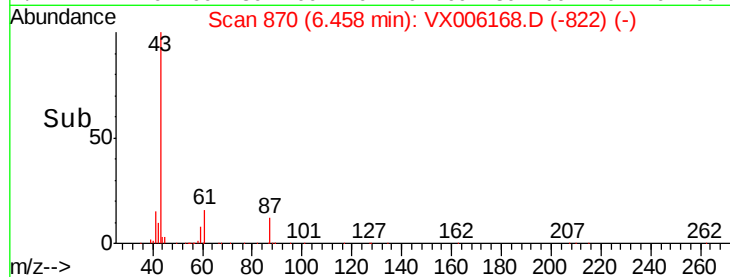
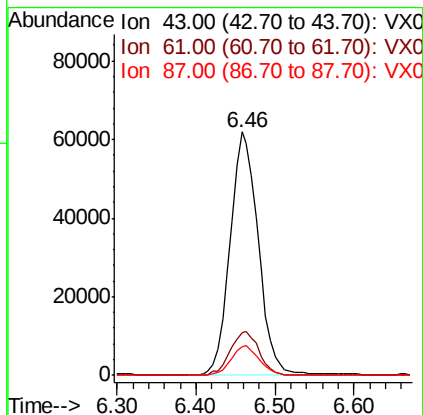
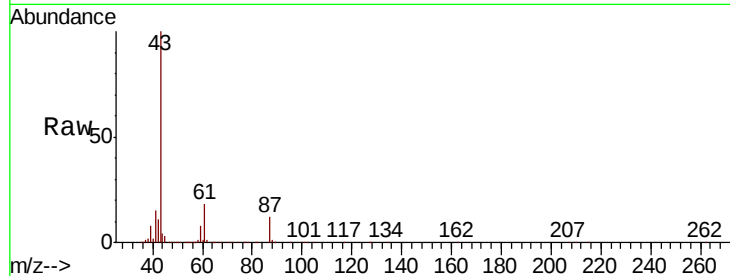


#43

Isopropyl Acetate
 Concen: 20.785 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

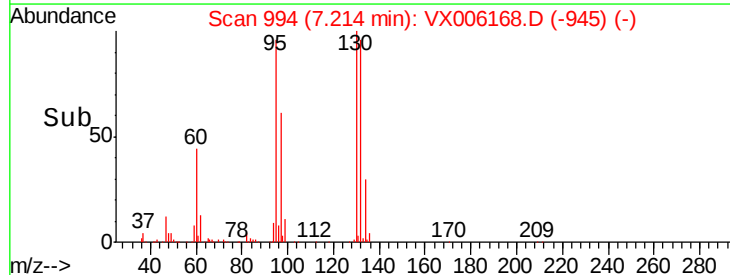
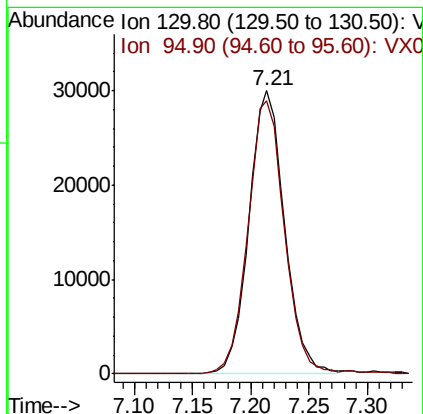
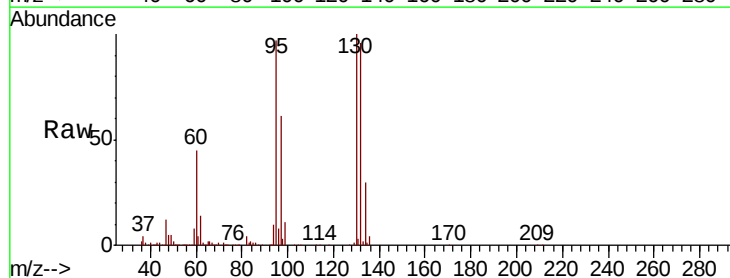
Tot Ion	43	Resp	154451
Ion Ratio	100		
Lower	15.2		
Upper	22.8		
61	18.5		
87	12.3		
	9.6		

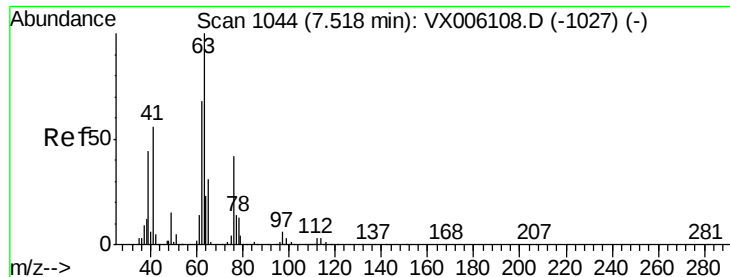


#44

Trichloroethene
 Concen: 19.465 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion	130	Resp	63743
Ion Ratio	100		
Lower	0.0		
Upper	188.8		
95	96.5		





#45

1,2-Dichloropropane

Concen: 20.507 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

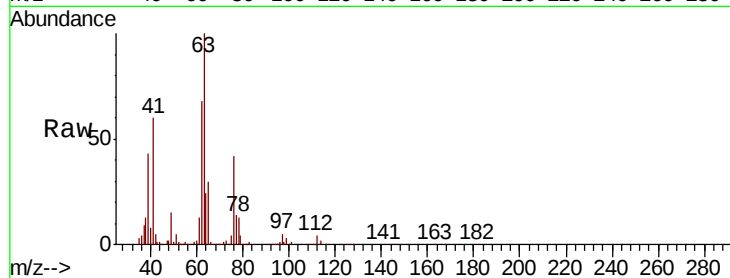
VX1126WBS01

Tot Ion: 63 Resp: 63946

Ion Ratio Lower Upper

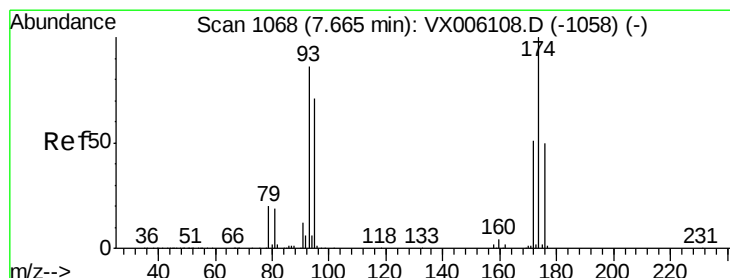
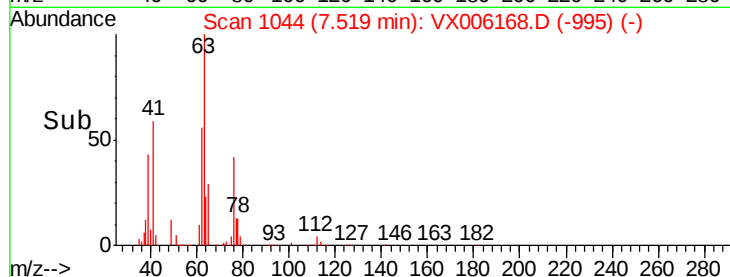
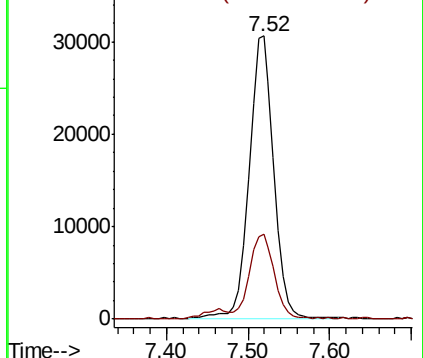
63 100

65 29.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.926 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

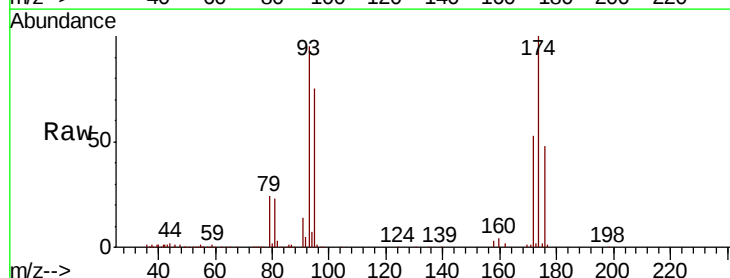
Tgt Ion: 93 Resp: 42551

Ion Ratio Lower Upper

93 100

95 83.7 66.3 99.5

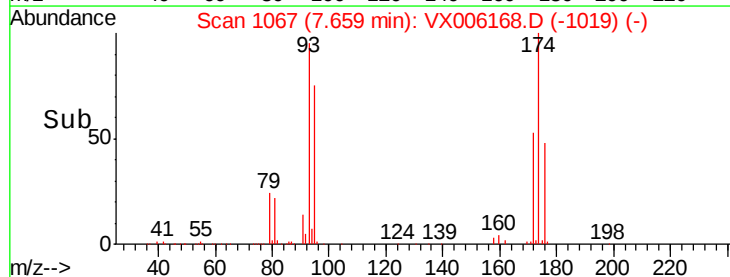
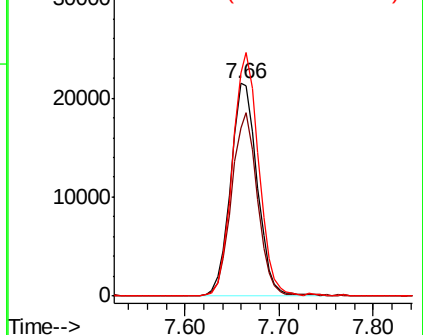
174 111.7 91.0 136.6

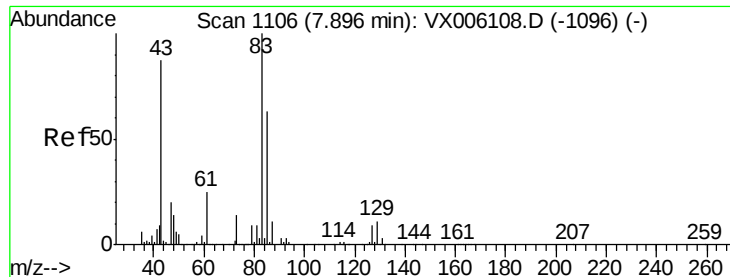


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.396 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

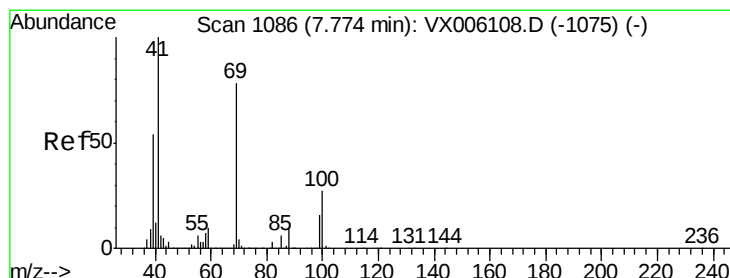
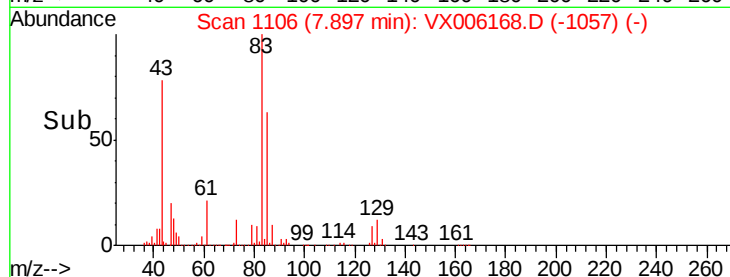
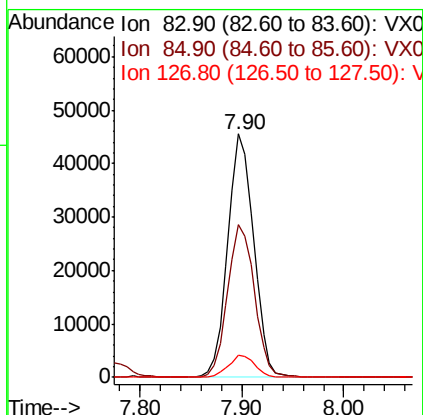
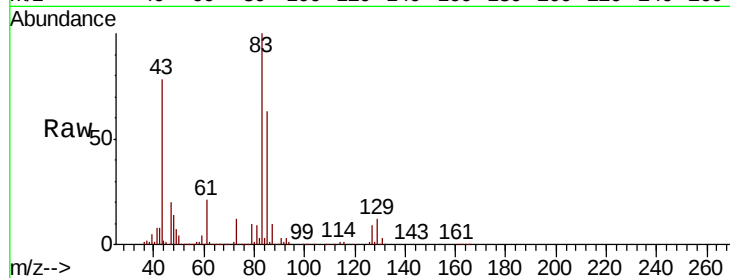
Tot Ion: 83 Resp: 80557

Ion Ratio Lower Upper

83 100

85 62.6 50.4 75.6

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 21.318 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

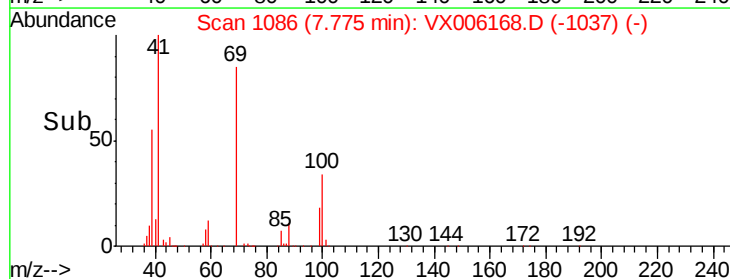
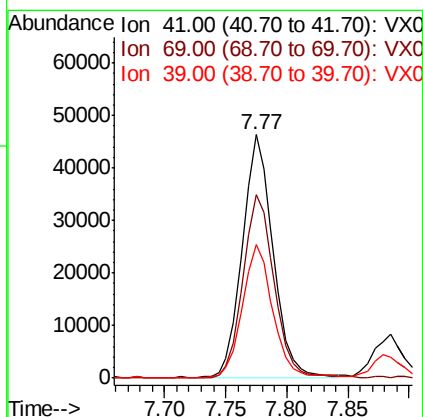
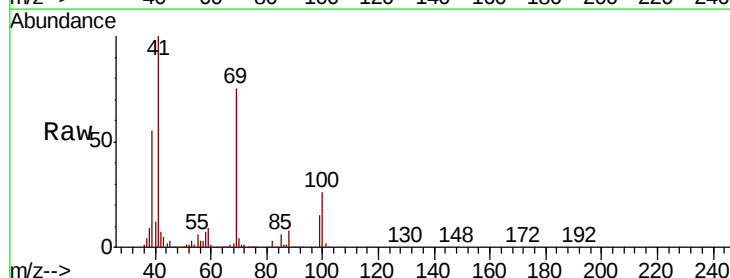
Tgt Ion: 41 Resp: 80339

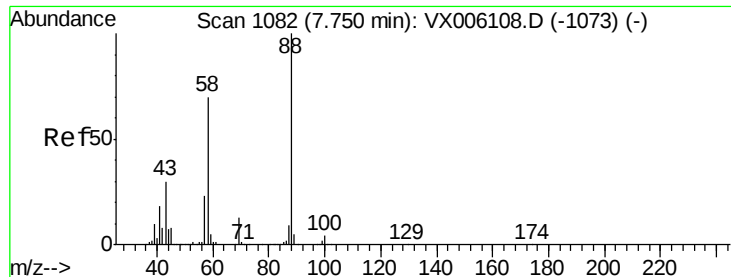
Ion Ratio Lower Upper

41 100

69 77.5 62.8 94.2

39 55.3 43.8 65.6





#49

1,4-Dioxane

Concen: 401.647 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

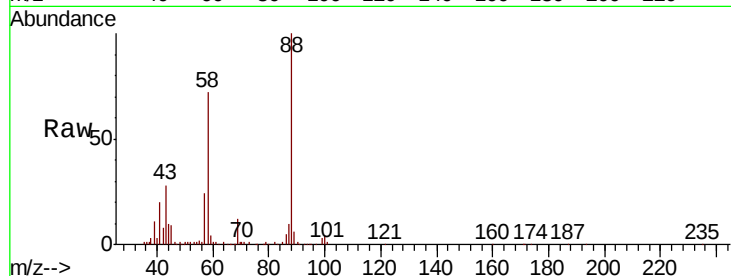
Tot Ion: 88 Resp: 35911

Ion Ratio Lower Upper

88 100

43 36.1 26.7 40.1

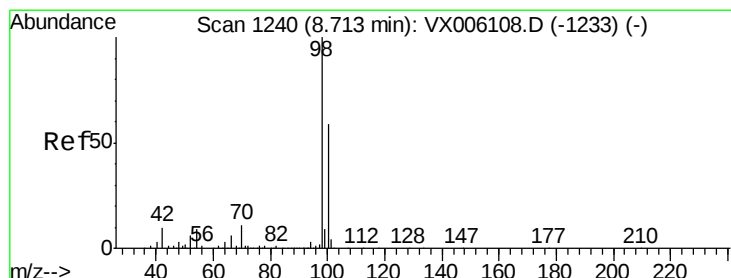
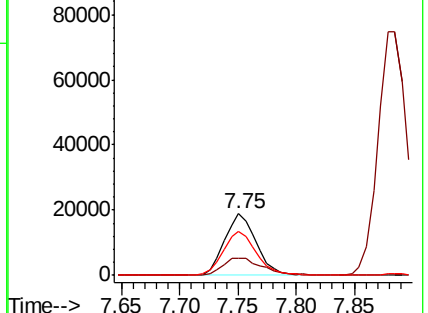
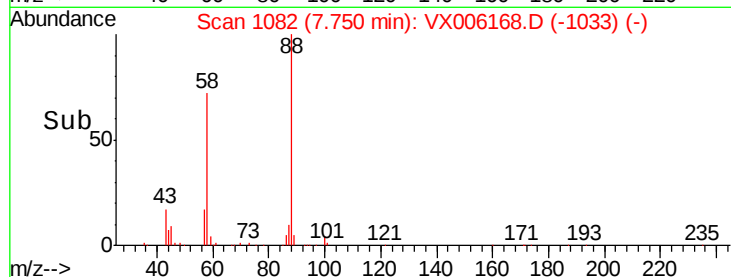
58 74.3 58.5 87.7



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: 51.594 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006168.D

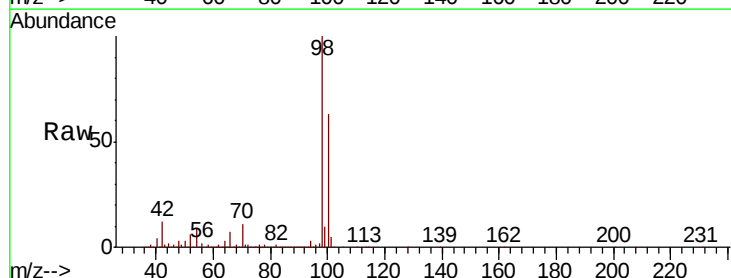
Acq: 26 Nov 2018 12:05

Tgt Ion: 98 Resp: 555319

Ion Ratio Lower Upper

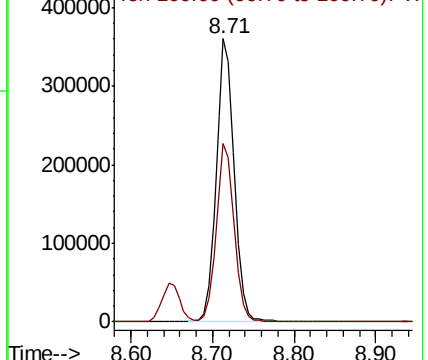
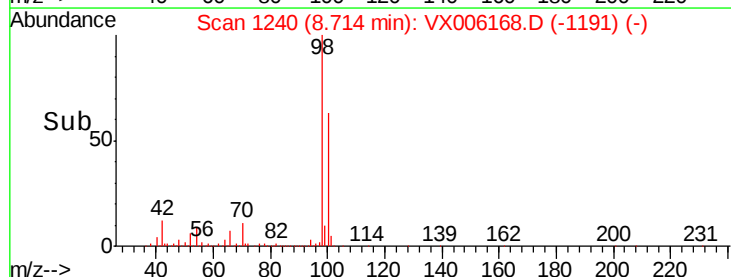
98 100

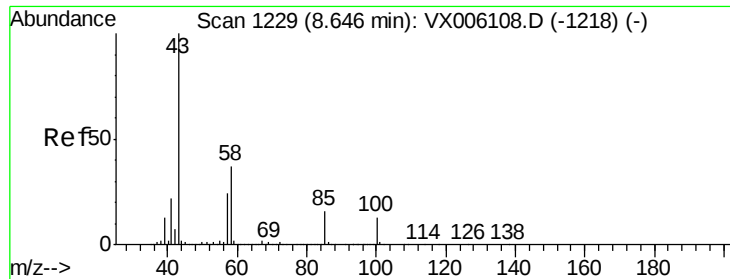
100 63.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 104.129 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

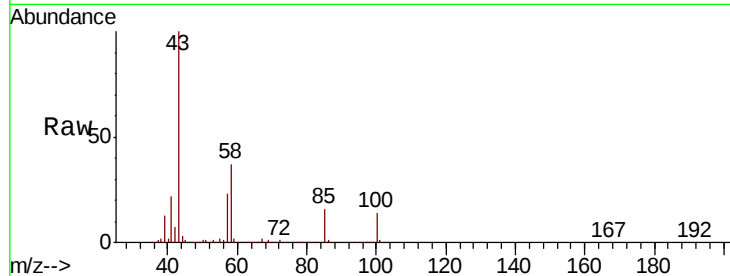
VX1126WBS01

Tot Ion: 43 Resp: 554707

Ion Ratio Lower Upper

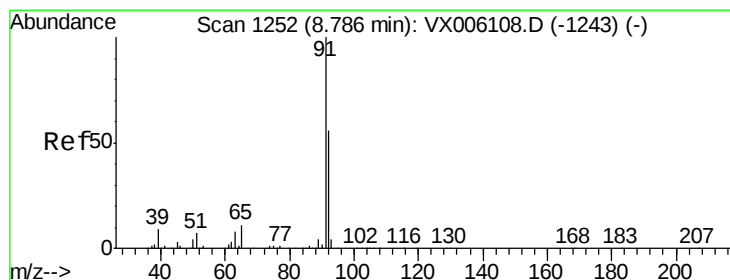
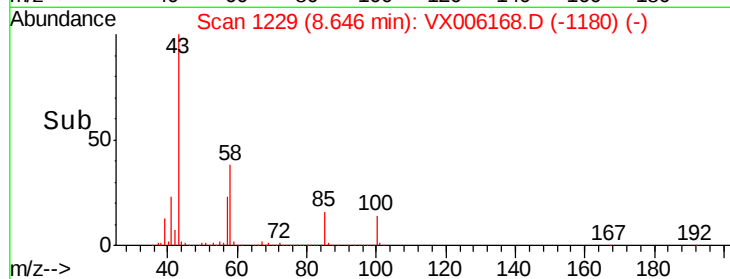
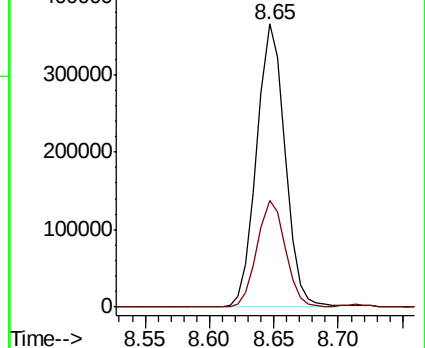
43 100

58 37.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.445 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006168.D

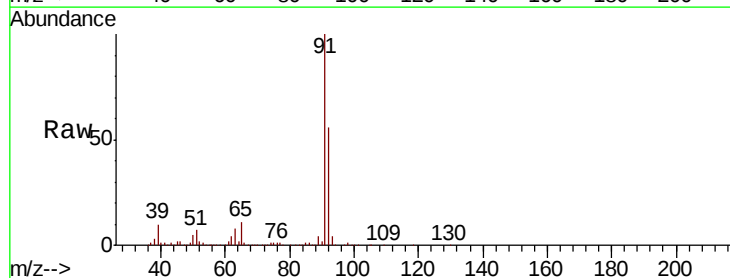
Acq: 26 Nov 2018 12:05

Tgt Ion: 92 Resp: 149004

Ion Ratio Lower Upper

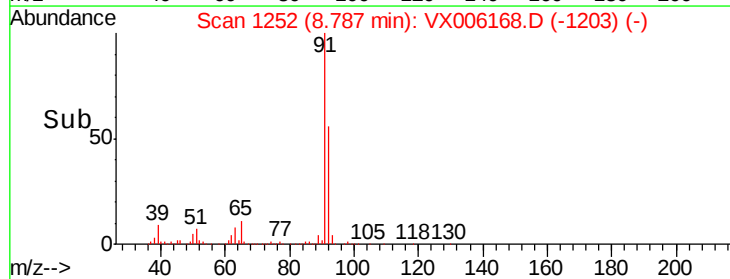
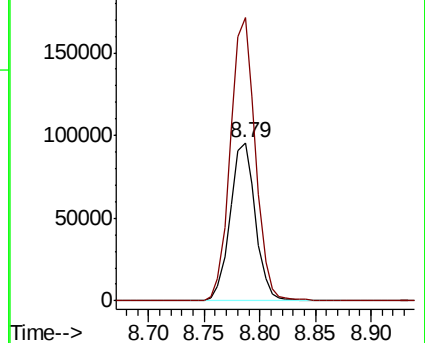
92 100

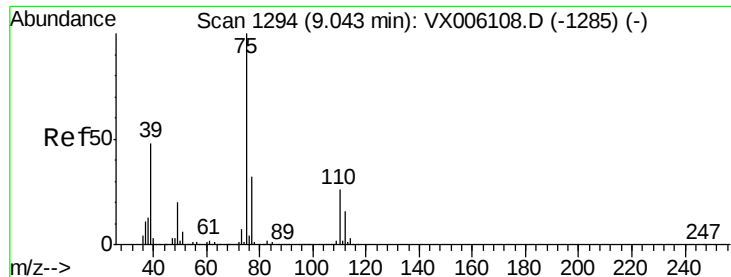
91 178.7 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.505 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

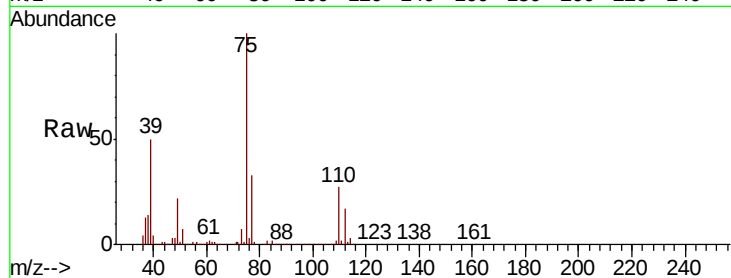
VX1126WBS01

Tot Ion: 75 Resp: 84514

Ion Ratio Lower Upper

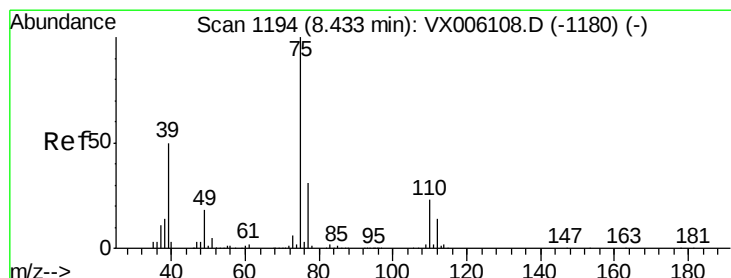
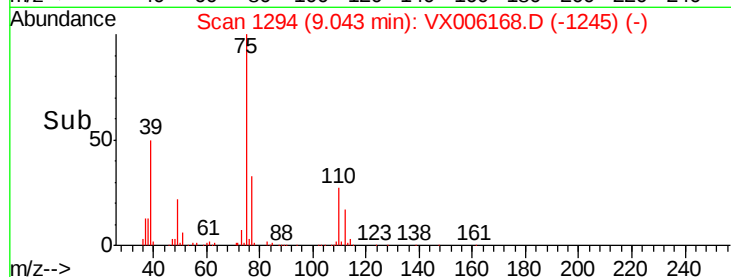
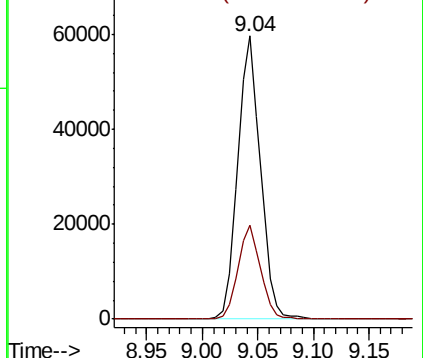
75 100

77 33.2 25.7 38.5



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: 21.242 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

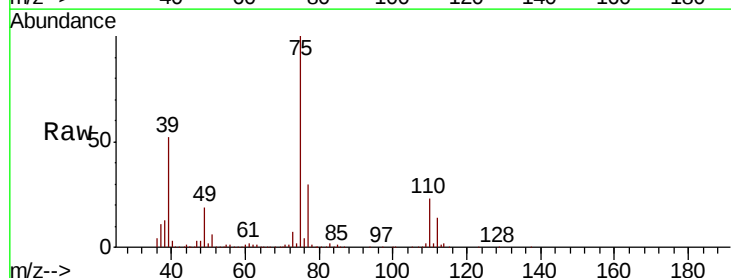
Tgt Ion: 75 Resp: 96785

Ion Ratio Lower Upper

75 100

77 30.4 24.7 37.1

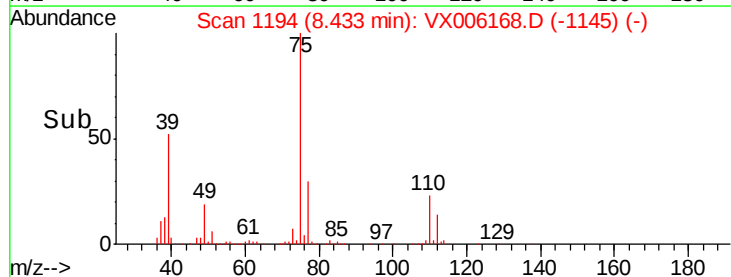
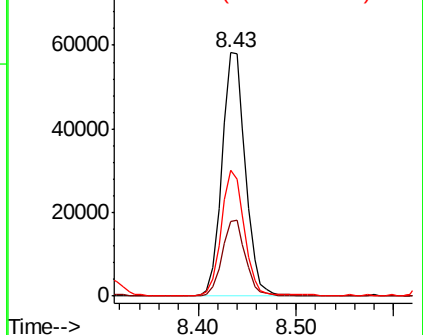
39 51.5 40.3 60.5

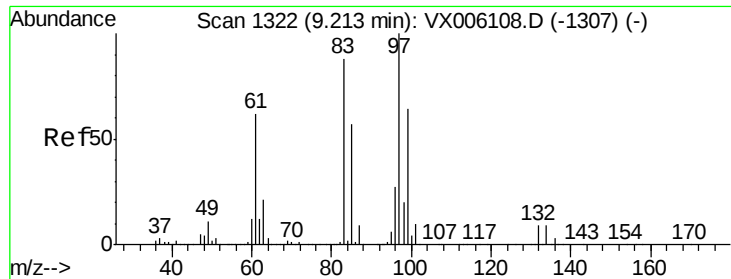


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.050 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 97 Resp: 63283

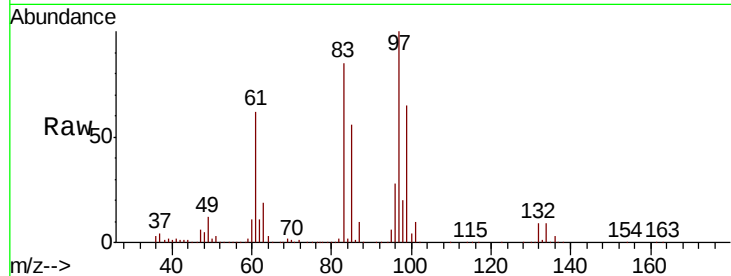
Ion Ratio Lower Upper

97 100

83 84.8 70.7 106.1

85 55.4 45.7 68.5

99 64.7 51.4 77.2

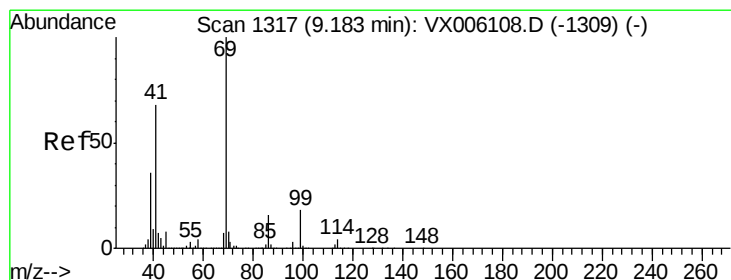
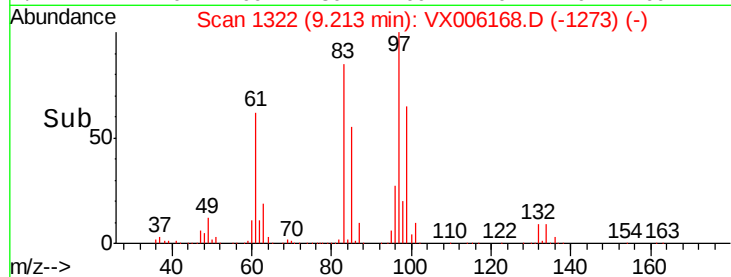
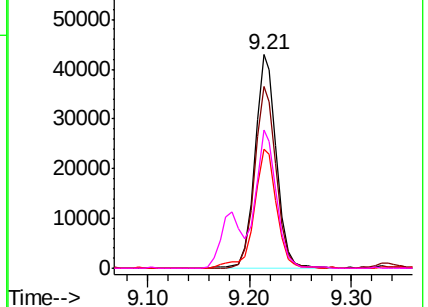


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.753 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

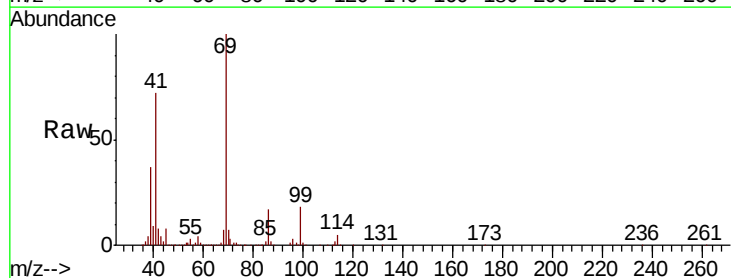
Tgt Ion: 69 Resp: 88050

Ion Ratio Lower Upper

69 100

41 72.9 56.2 84.4

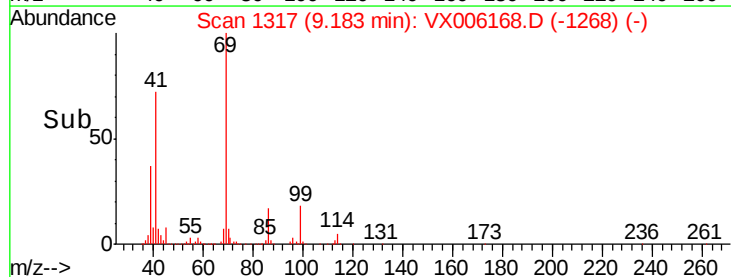
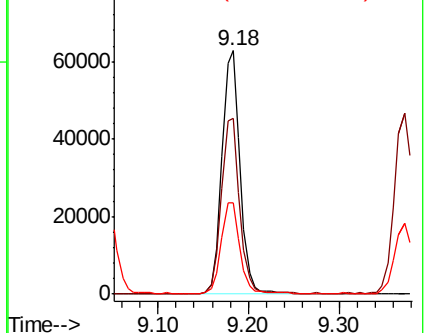
39 38.5 29.4 44.0

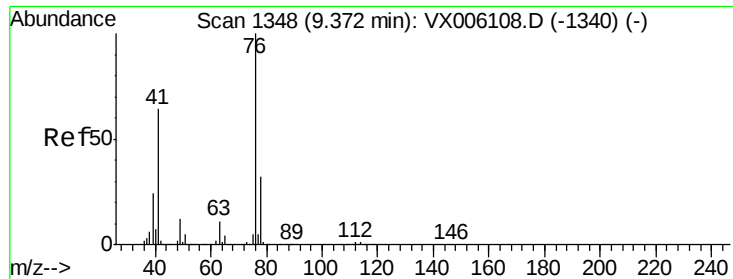


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.146 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

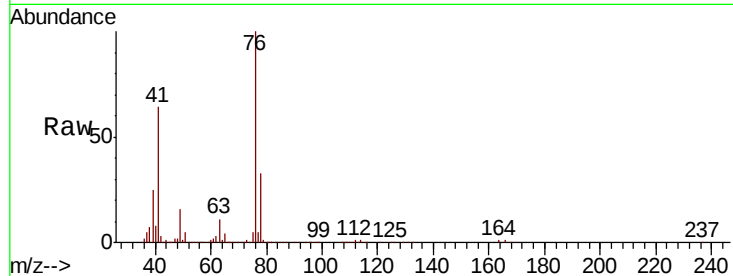
VX1126WBS01

Tot Ion: 76 Resp: 104812

Ion Ratio Lower Upper

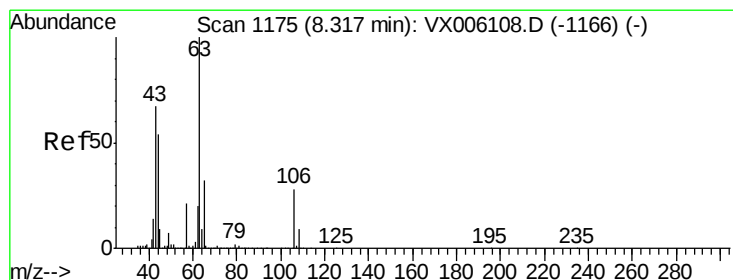
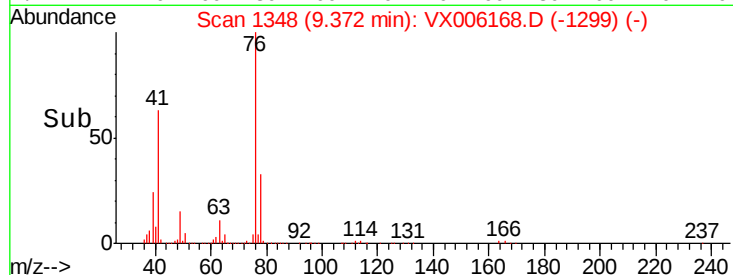
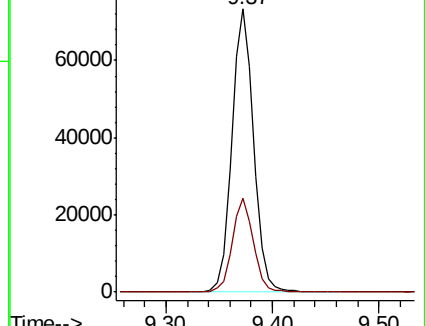
76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.069 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006168.D

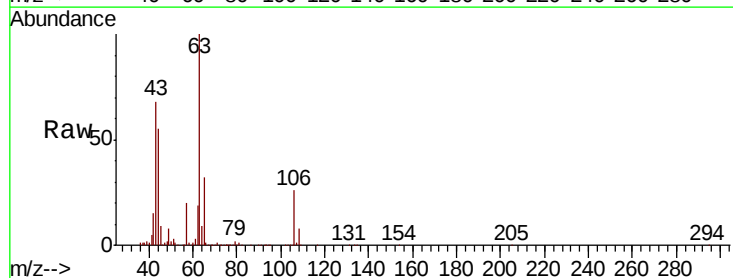
Acq: 26 Nov 2018 12:05

Tgt Ion: 63 Resp: 265958

Ion Ratio Lower Upper

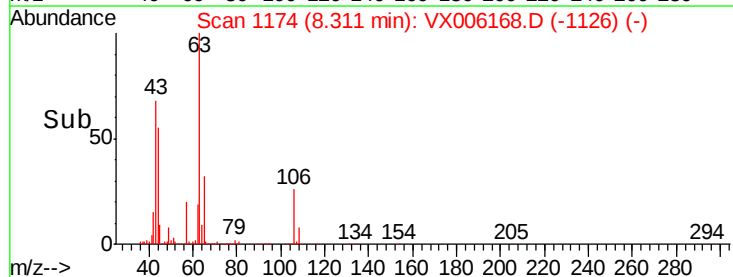
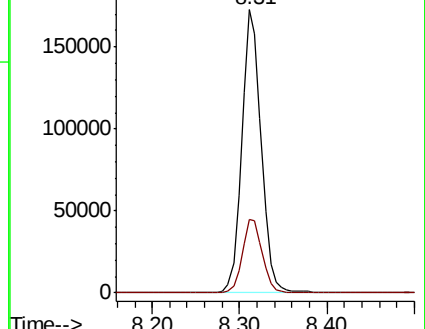
63 100

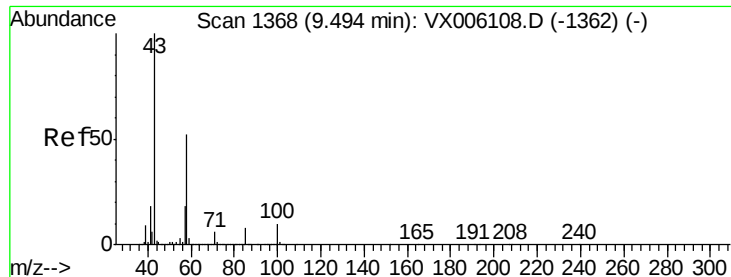
106 26.9 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

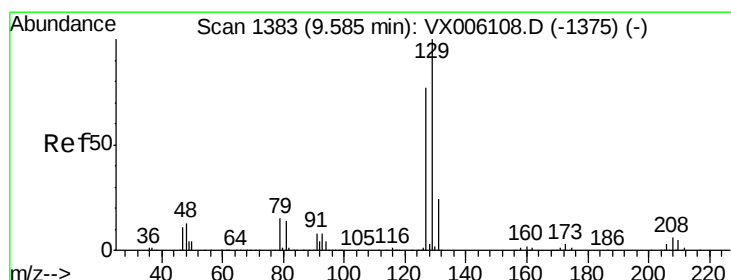
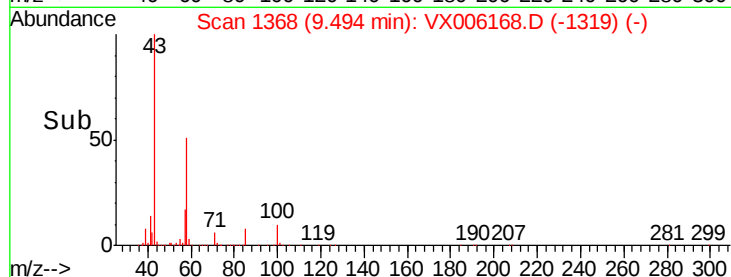
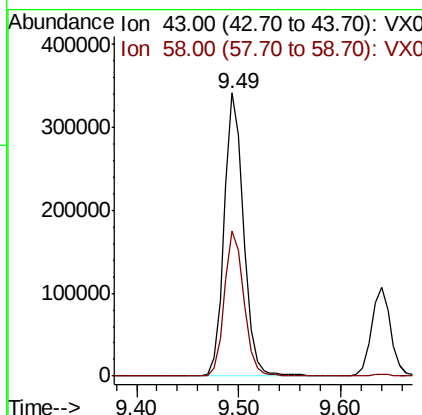
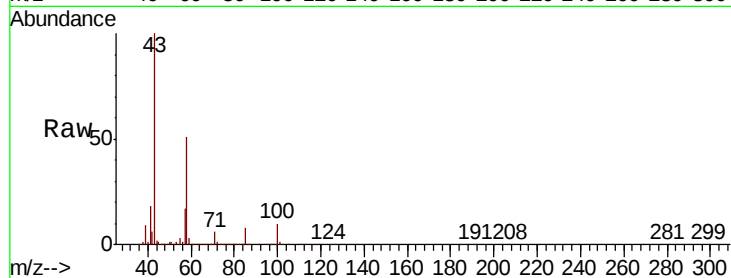




#59
2-Hexanone
Concen: 106.325 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

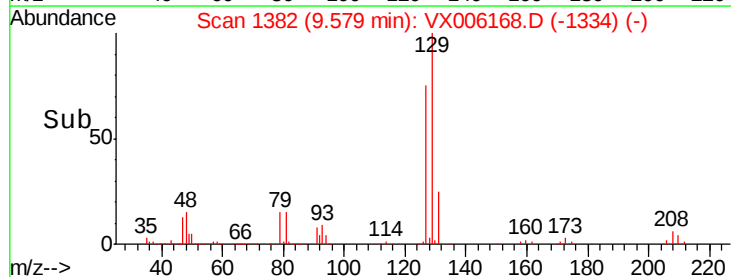
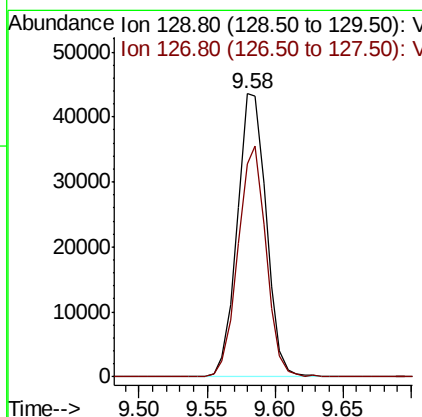
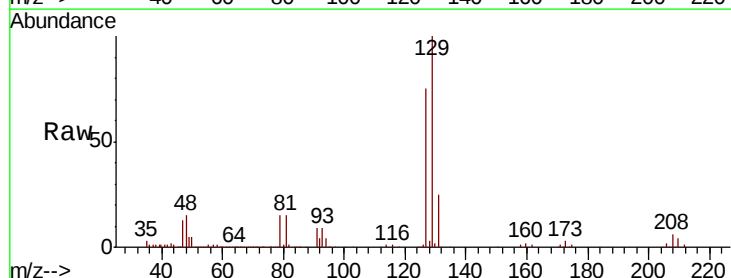
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

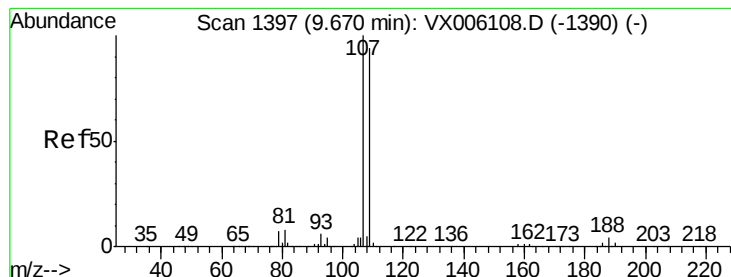
Tot Ion: 43 Resp: 449507
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.9



#60
Dibromochloromethane
Concen: 20.953 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion: 129 Resp: 64838
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 20.357 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

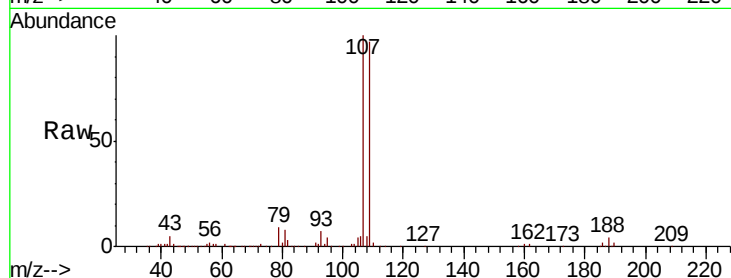
VX1126WBS01

Tot Ion:107 Resp: 66193

Ion Ratio Lower Upper

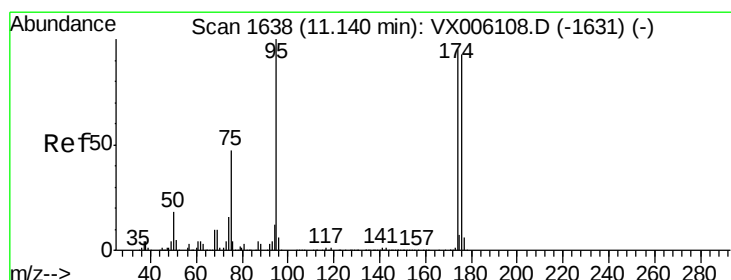
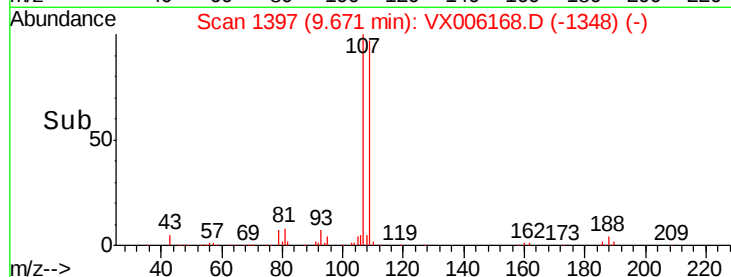
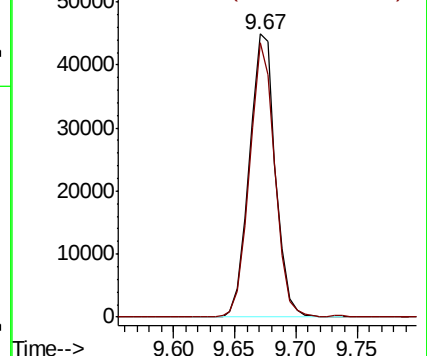
107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.887 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

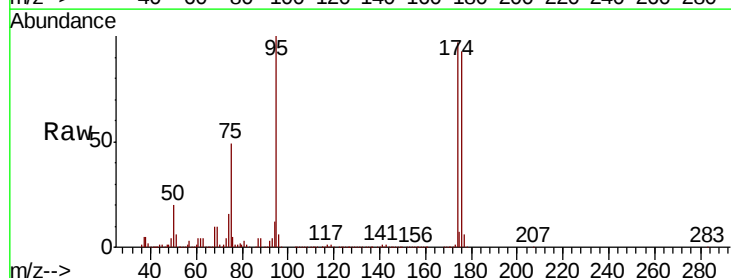
Tgt Ion: 95 Resp: 201464

Ion Ratio Lower Upper

95 100

174 91.0 0.0 184.4

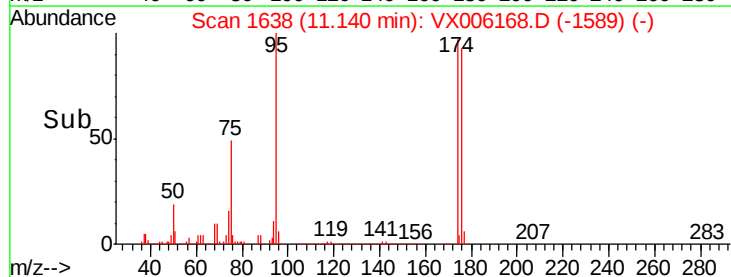
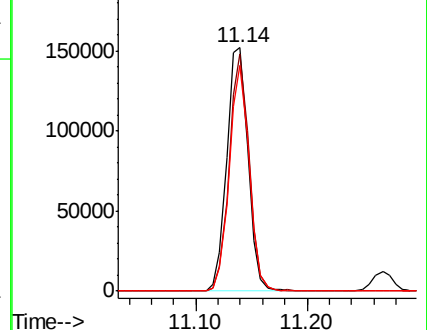
176 87.0 0.0 179.0

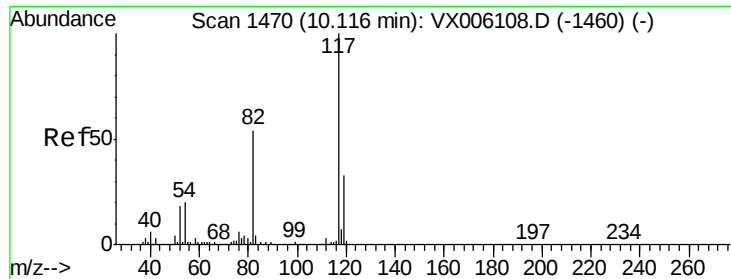


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

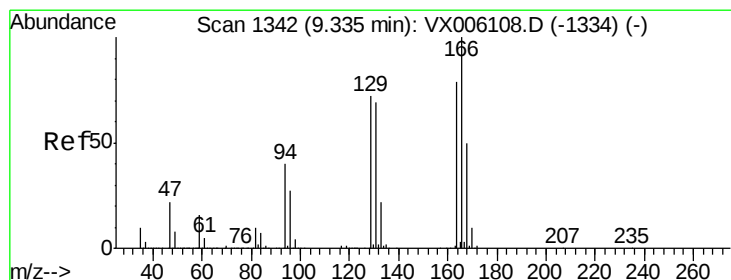
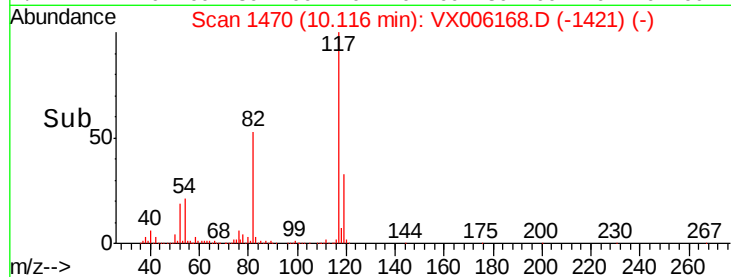
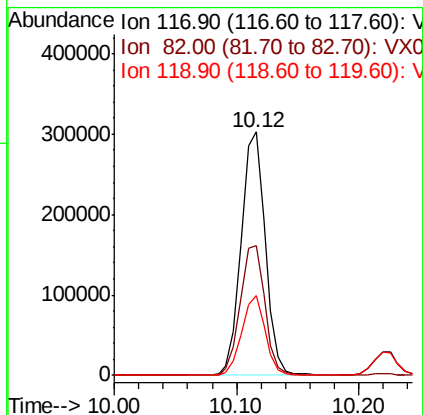
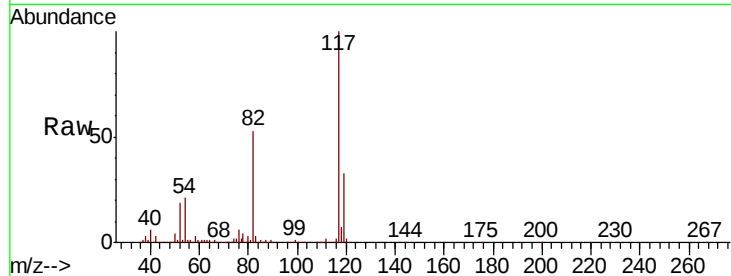




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

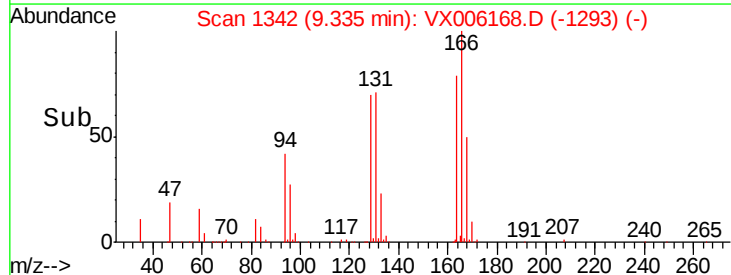
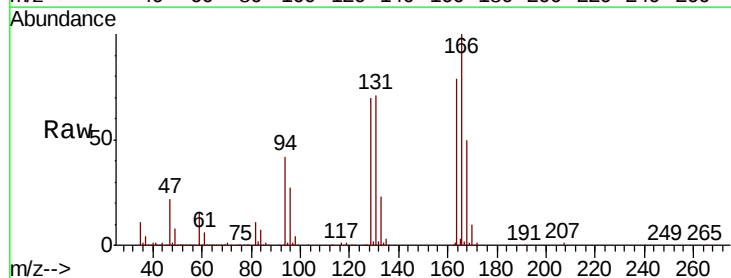
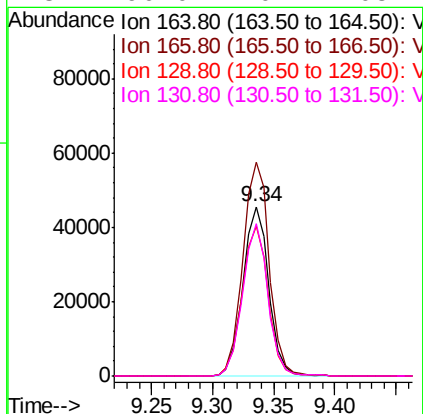
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

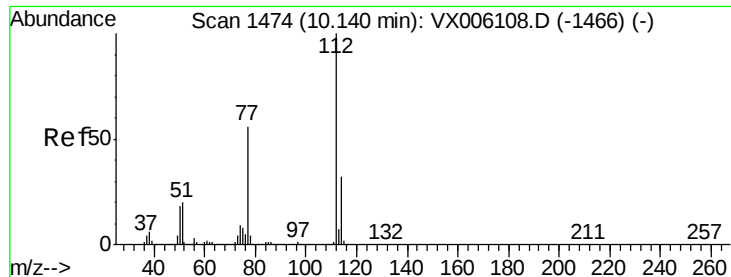
Tot Ion:117 Resp: 413072
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 19.605 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion:164 Resp: 66643
Ion Ratio Lower Upper
164 100
166 126.0 101.5 152.3
129 88.4 73.4 110.0
131 90.0 70.2 105.4

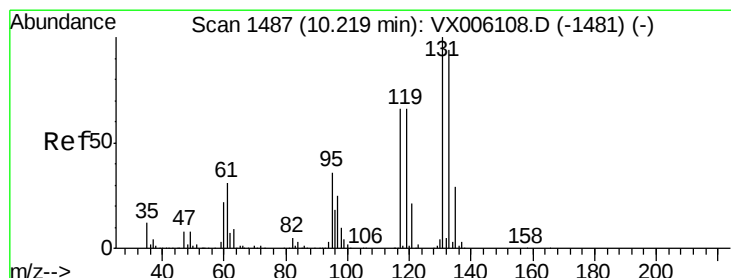
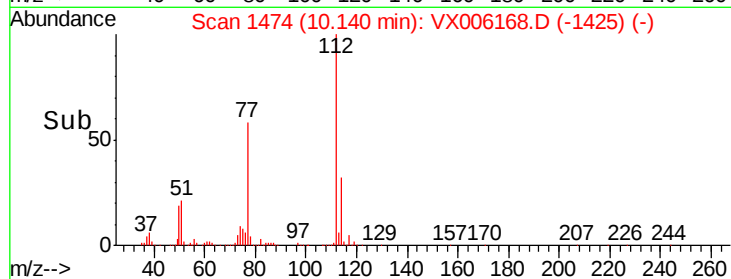
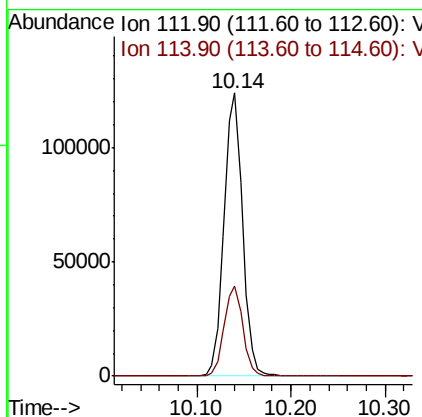
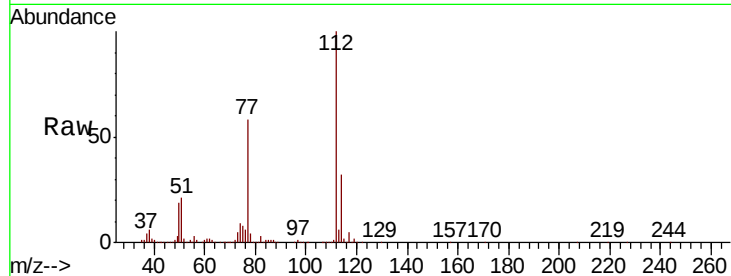




#65
Chlorobenzene
Concen: 19.974 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

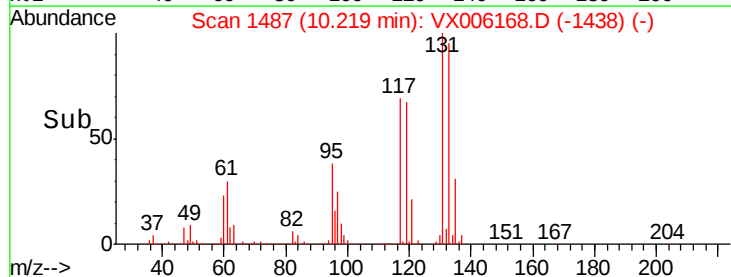
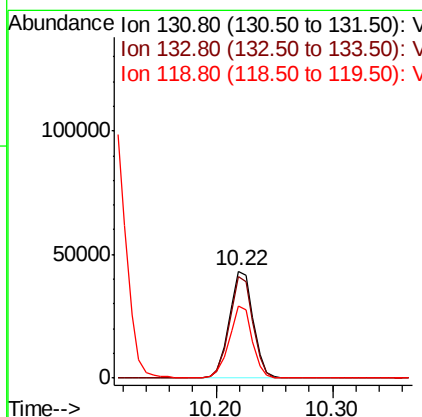
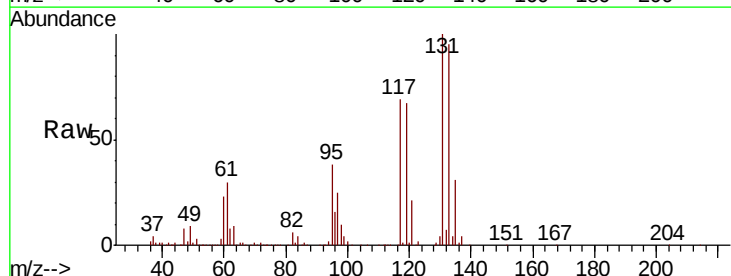
Instrument :
MSVOA_X
ClientSampled :
VX1126WBS01

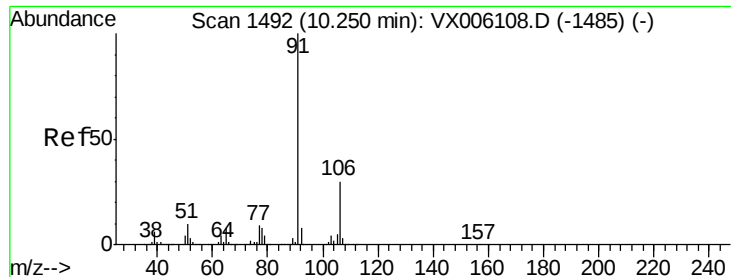
Tot Ion:112 Resp: 169243
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.159 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion:131 Resp: 61549
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.2
119 65.1 32.6 97.8





#67

Ethyl Benzene

Concen: 20.521 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

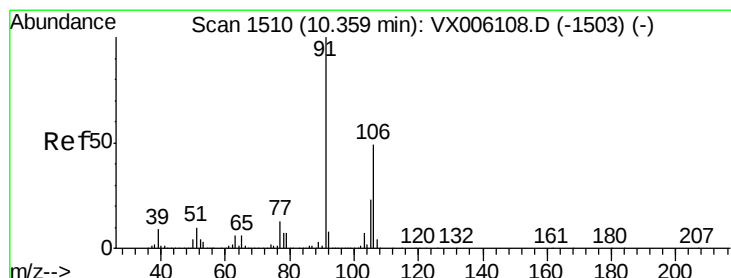
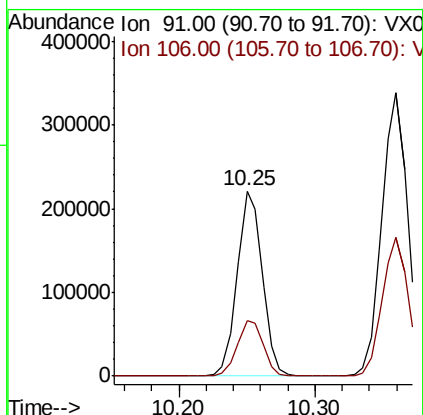
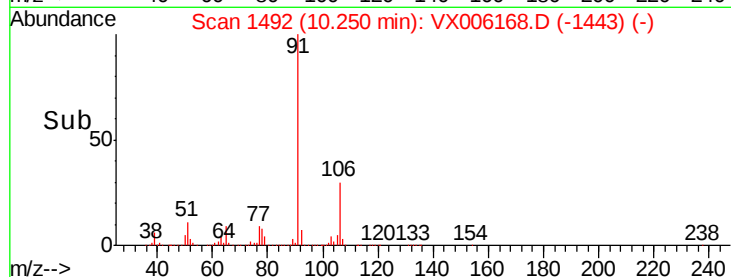
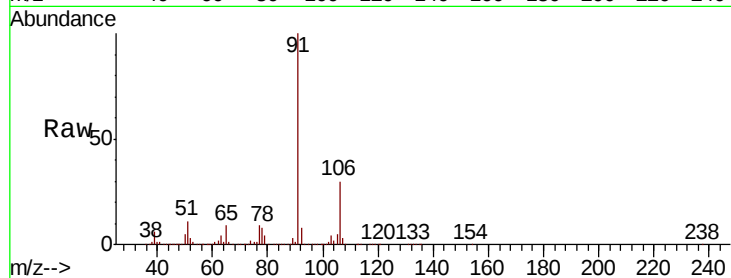
VX1126WBS01

Tot Ion: 91 Resp: 284688

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



#68

m/p-Xylenes

Concen: 40.954 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006168.D

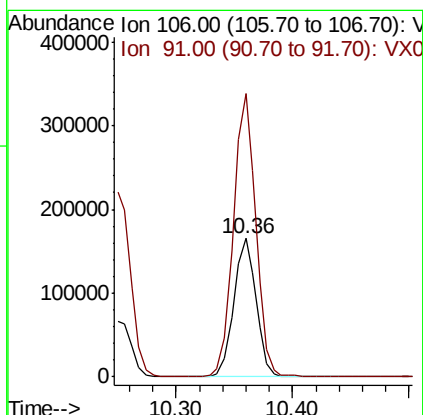
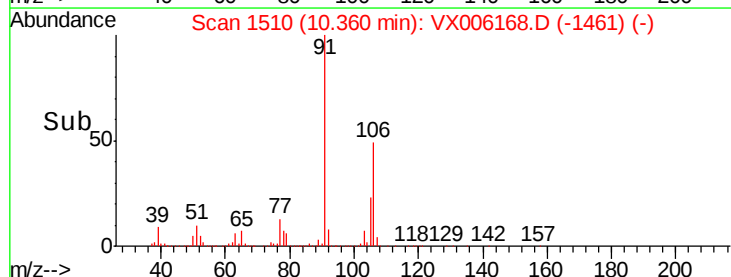
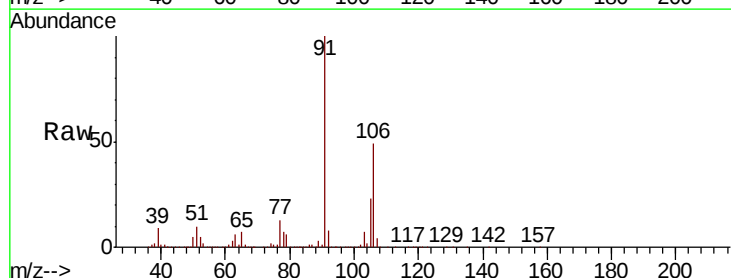
Acq: 26 Nov 2018 12:05

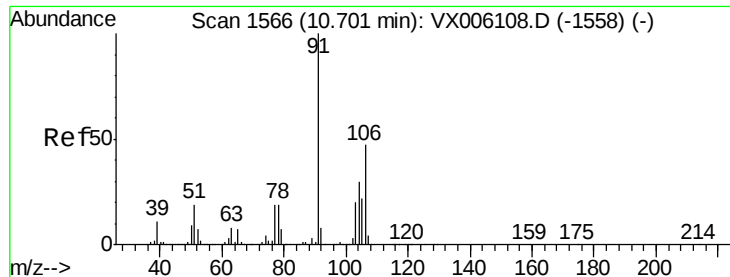
Tgt Ion: 106 Resp: 221243

Ion Ratio Lower Upper

106 100

91 203.7 162.0 243.0

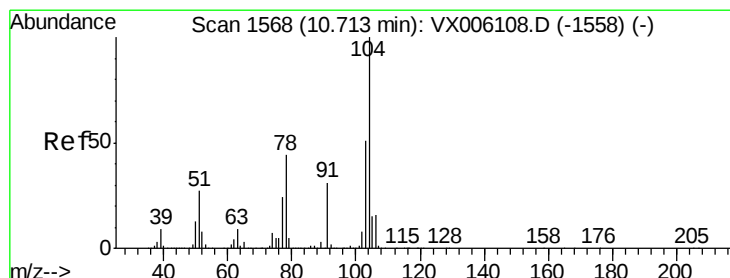
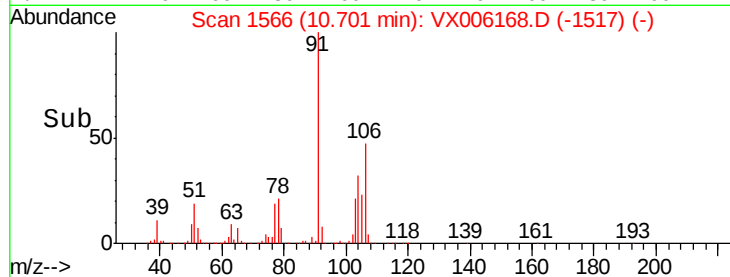
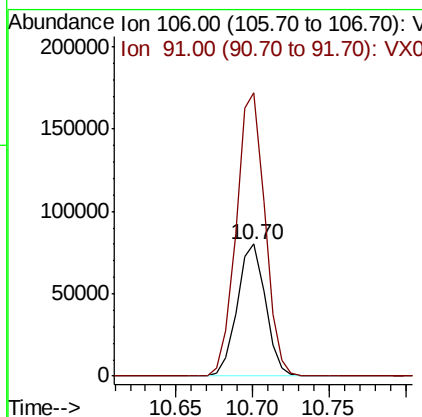
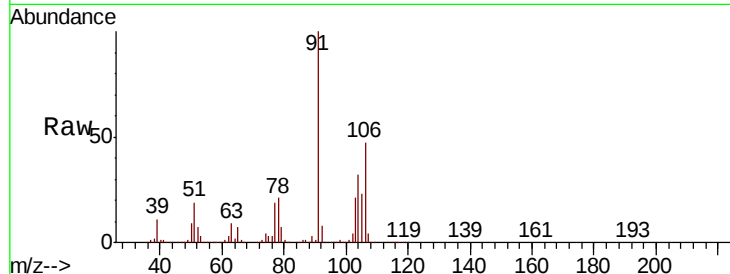




#69
o-Xylene
Concen: 19.927 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

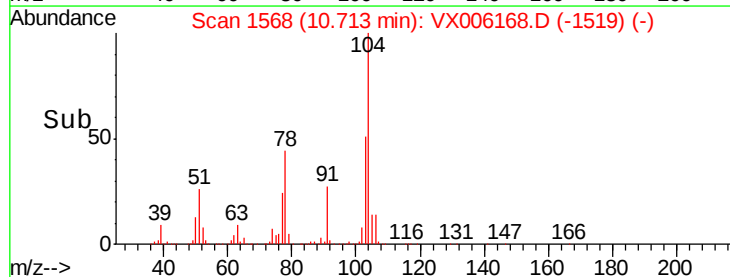
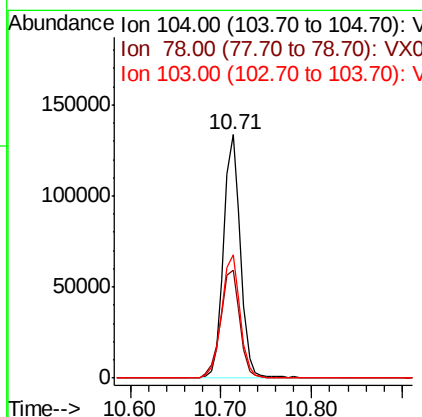
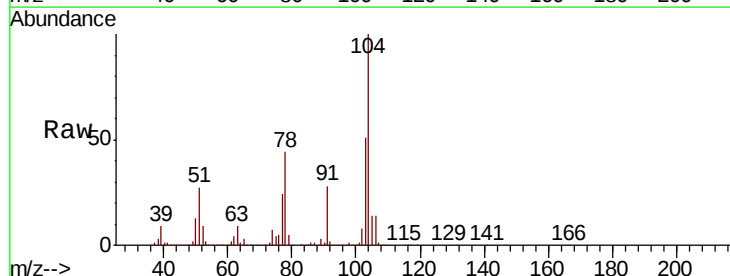
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

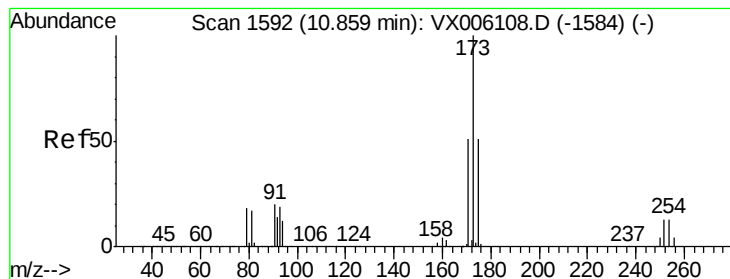
Tot Ion:106 Resp: 102829
Ion Ratio Lower Upper
106 100
91 217.9 107.4 322.2



#70
Styrene
Concen: 20.680 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion:104 Resp: 173993
Ion Ratio Lower Upper
104 100
78 50.5 39.4 59.2
103 55.5 44.6 67.0





#71

Bromoform

Concen: 20.279 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

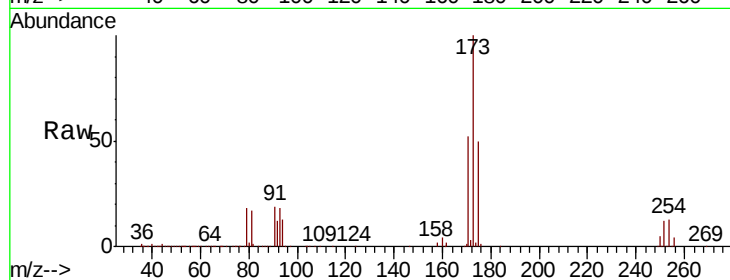
Tot Ion:173 Resp: 52803

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.6

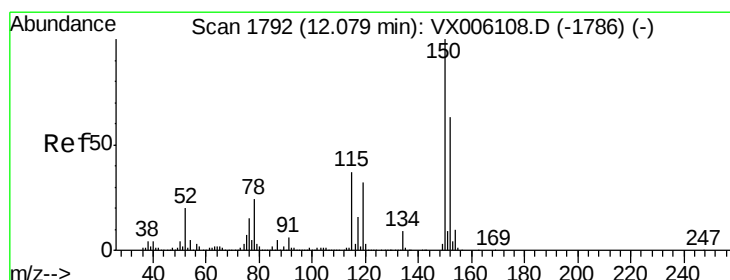
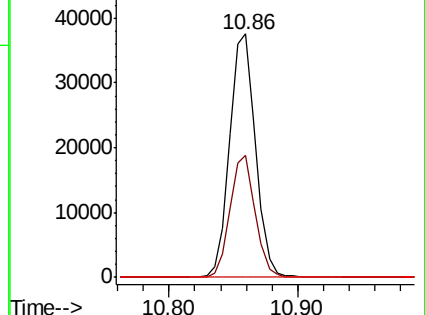
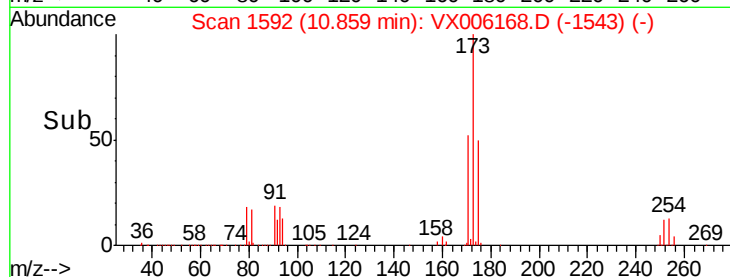
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

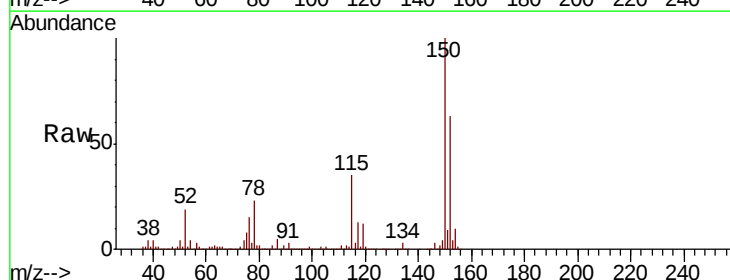
Tgt Ion:152 Resp: 220204

Ion Ratio Lower Upper

152 100

115 64.7 39.0 116.9

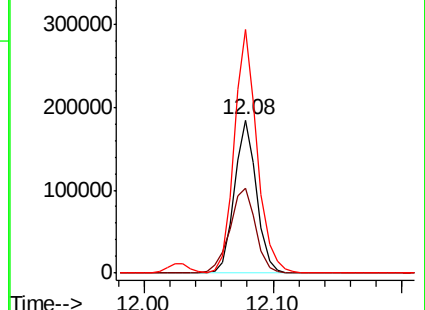
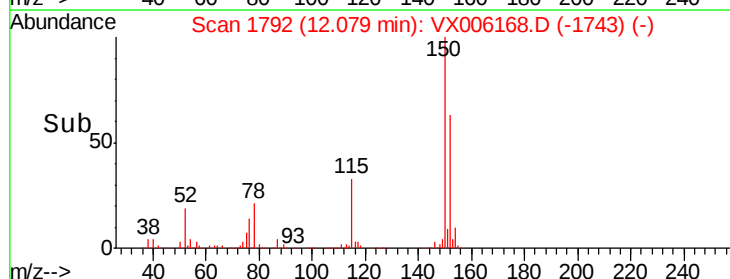
150 164.4 0.0 346.6

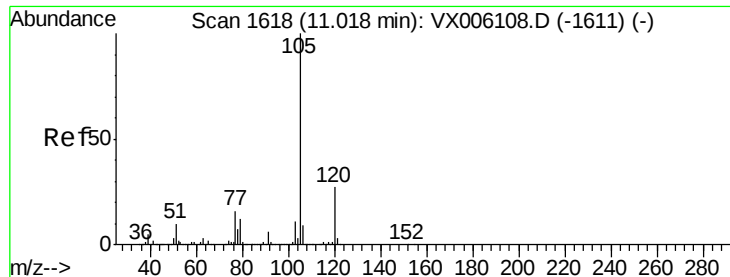


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.744 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

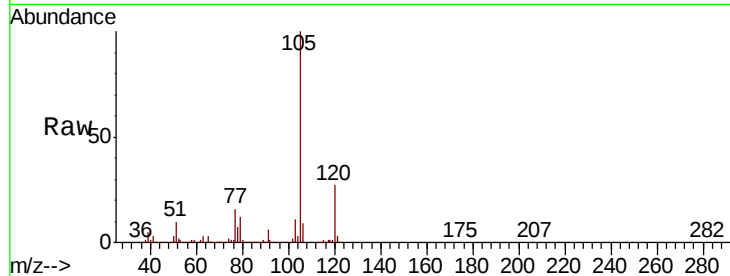
VX1126WBS01

Tot Ion:105 Resp: 289710

Ion Ratio Lower Upper

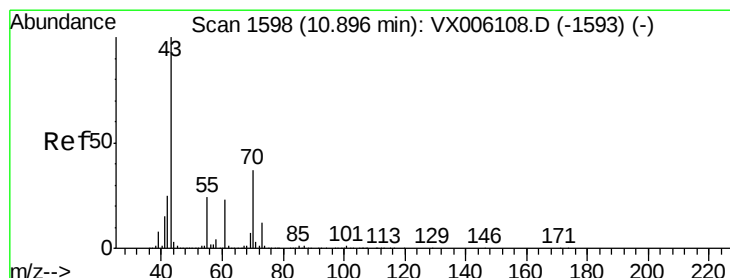
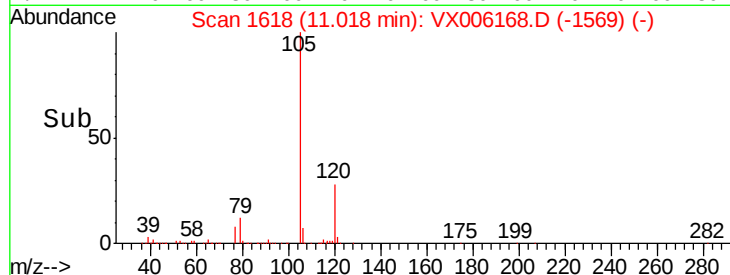
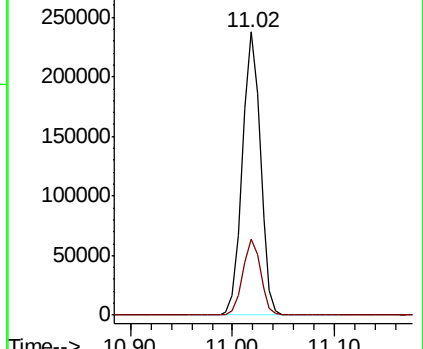
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.231 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion: 43 Resp: 128125

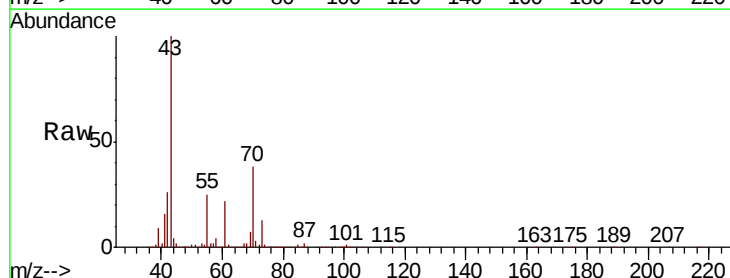
Ion Ratio Lower Upper

43 100

70 39.8 31.8 47.6

55 25.0 19.5 29.3

61 22.5 18.6 27.8

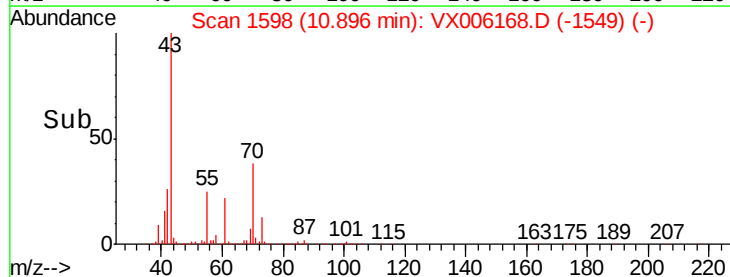
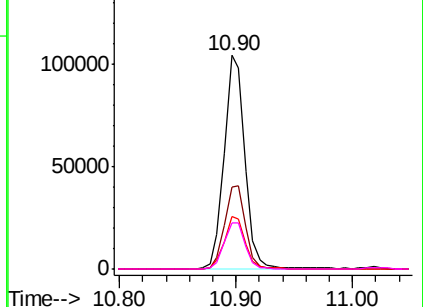


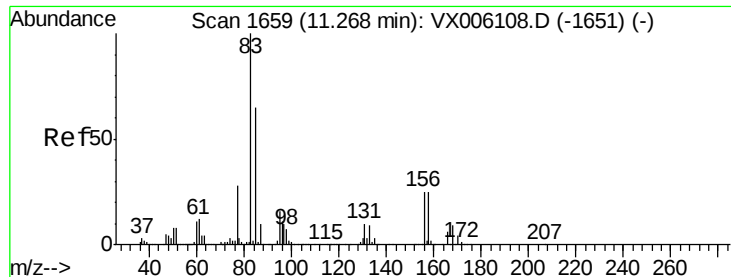
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.508 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampled :

VX1126WBS01

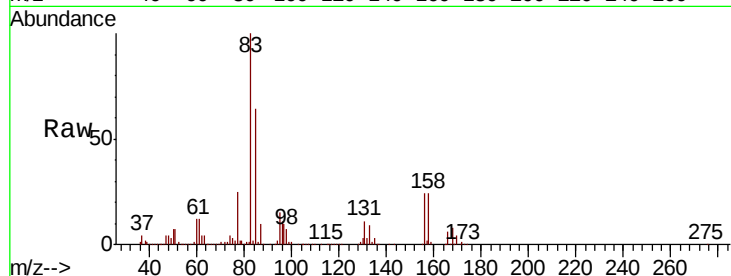
Tot Ion: 83 Resp: 102974

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

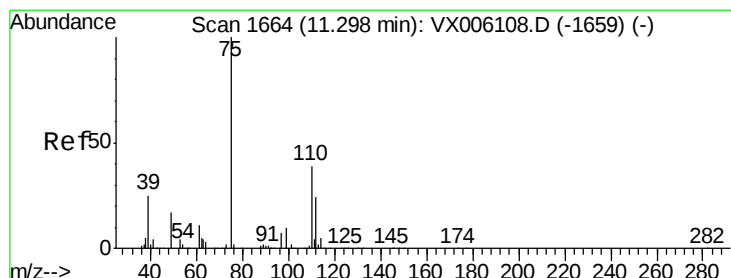
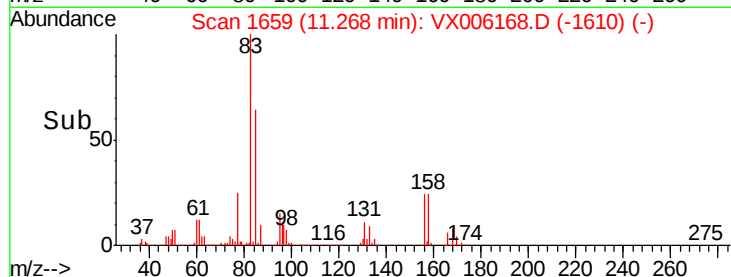
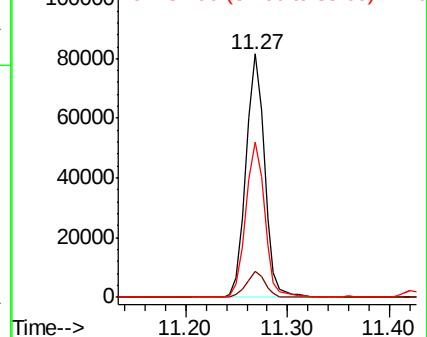
85 64.8 32.6 97.8



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: 25.863 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006168.D

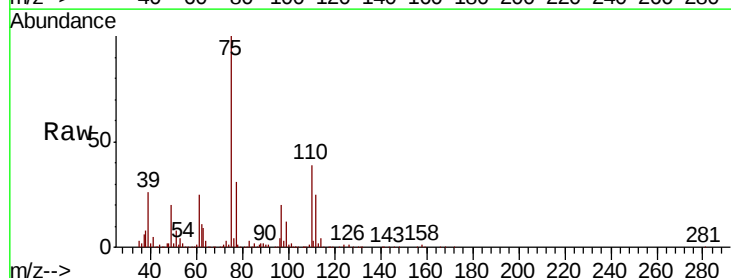
Acq: 26 Nov 2018 12:05

Tgt Ion: 75 Resp: 117253

Ion Ratio Lower Upper

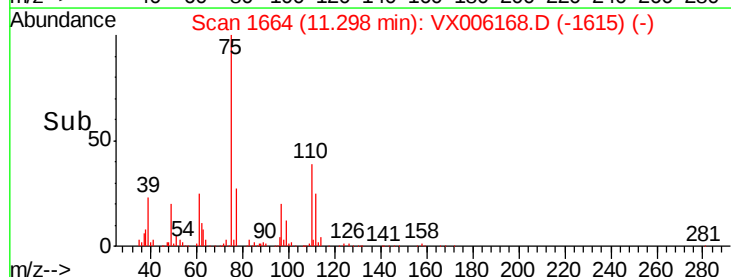
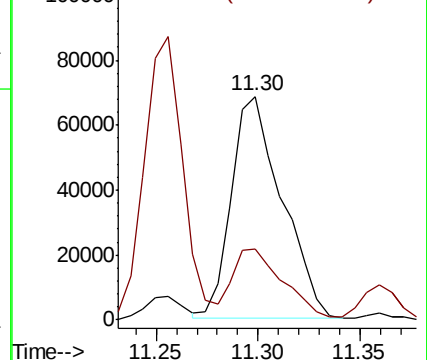
75 100

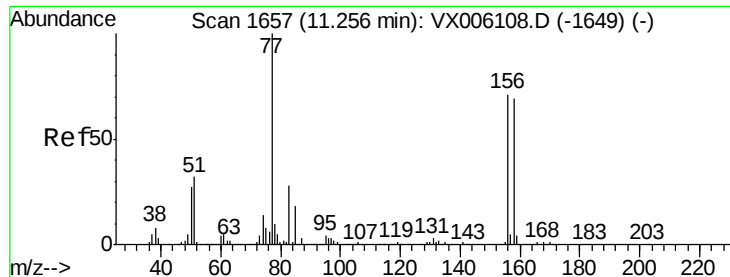
77 31.8 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.700 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

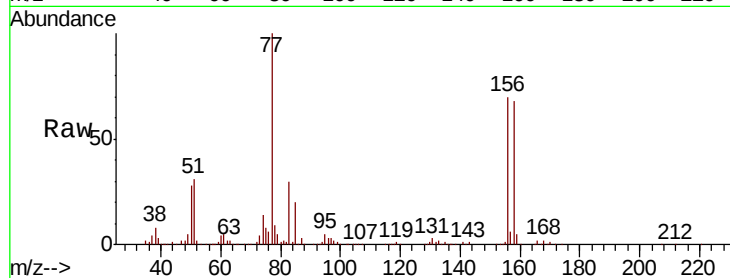
Tot Ion:156 Resp: 77260

Ion Ratio Lower Upper

156 100

77 148.4 74.3 222.8

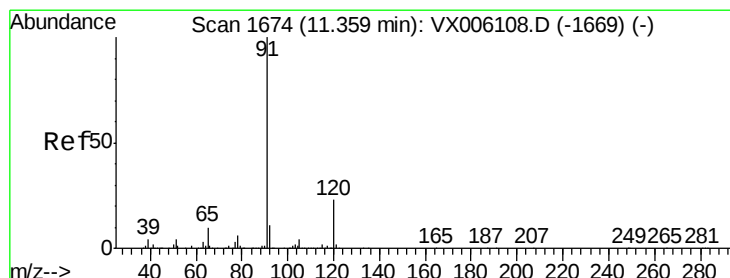
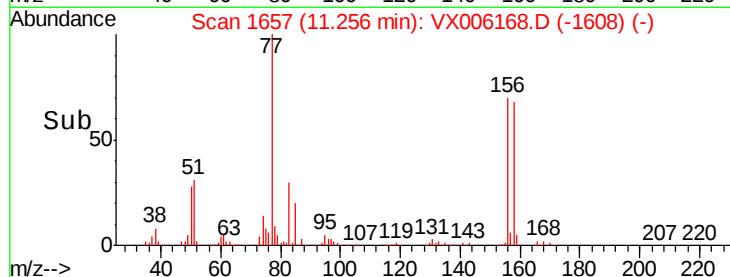
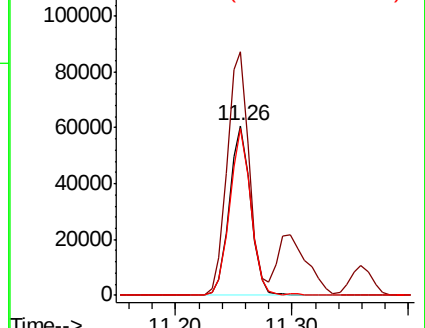
158 97.0 49.0 147.0



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: 21.479 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006168.D

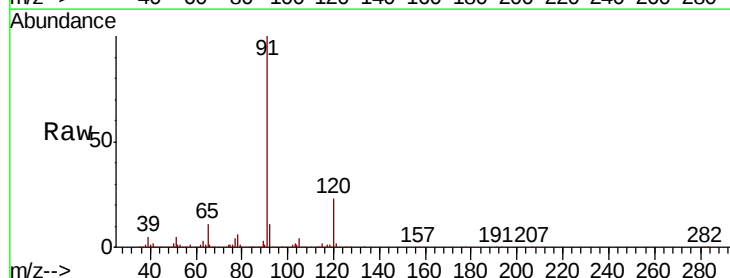
Acq: 26 Nov 2018 12:05

Tgt Ion: 91 Resp: 333273

Ion Ratio Lower Upper

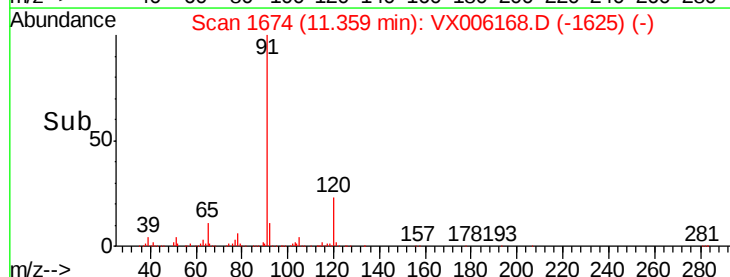
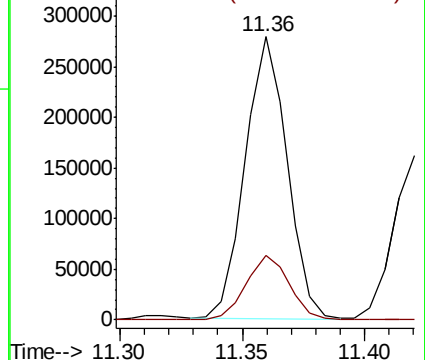
91 100

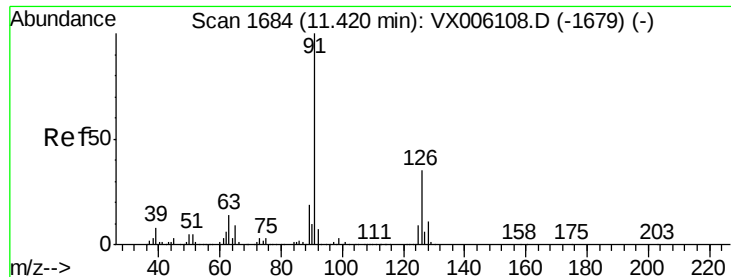
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.340 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

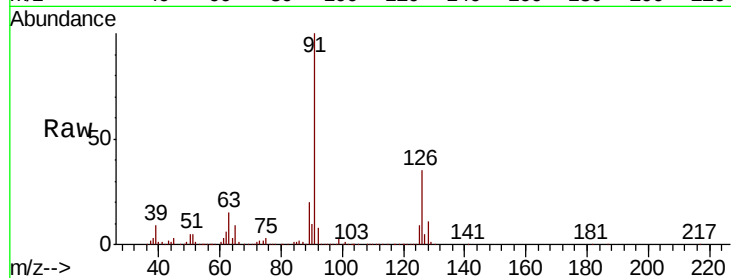
VX1126WBS01

Tot Ion: 91 Resp: 200318

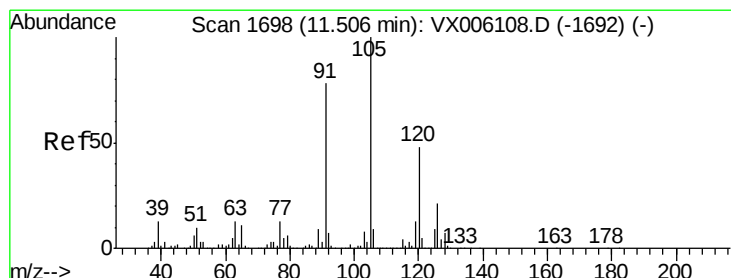
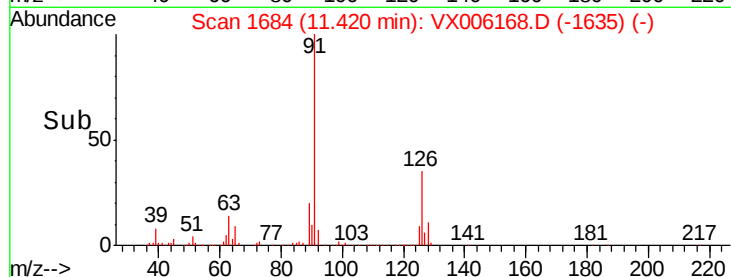
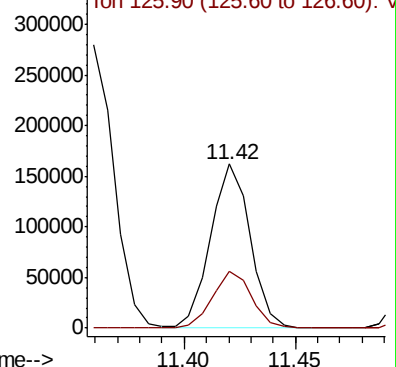
Ion Ratio Lower Upper

91 100

126 34.5 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.372 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006168.D

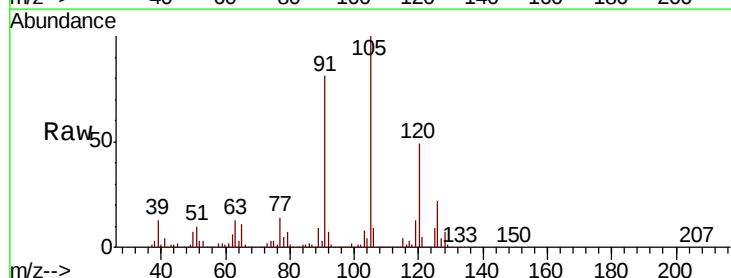
Acq: 26 Nov 2018 12:05

Tgt Ion:105 Resp: 240084

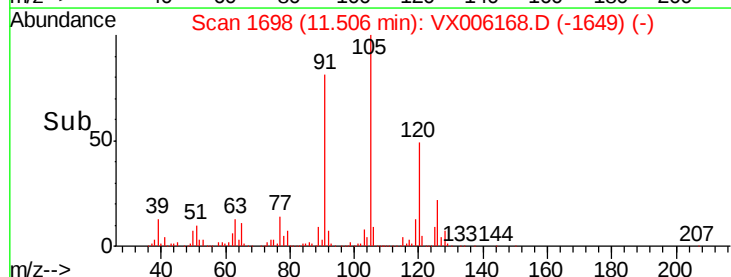
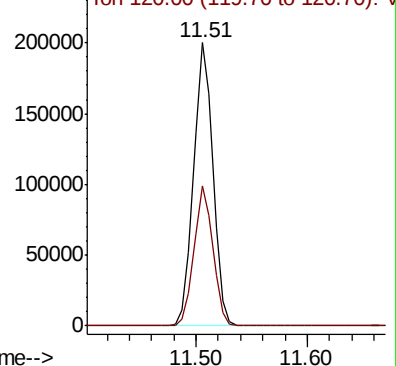
Ion Ratio Lower Upper

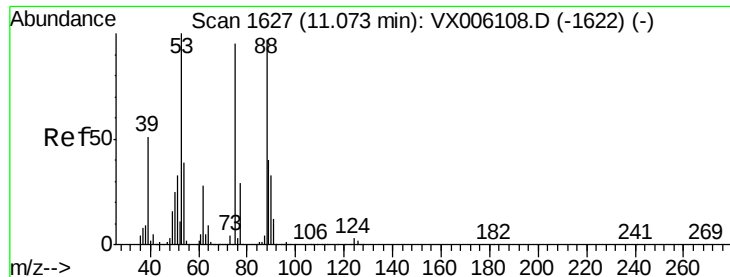
105 100

120 48.5 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.920 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

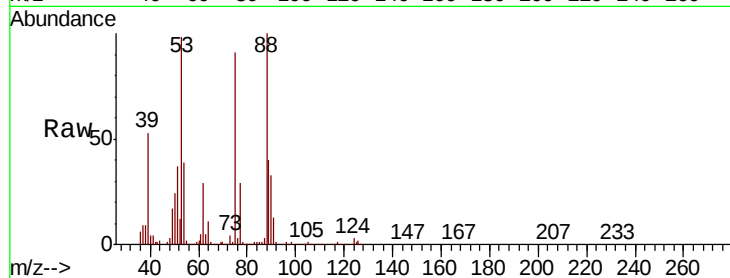
Tot Ion: 75 Resp: 28041

Ion Ratio Lower Upper

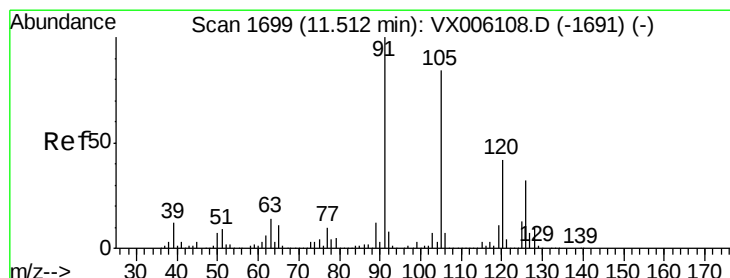
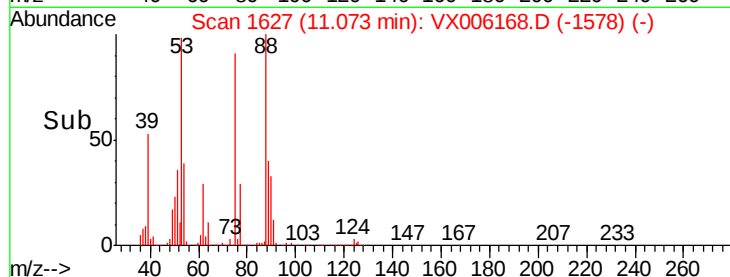
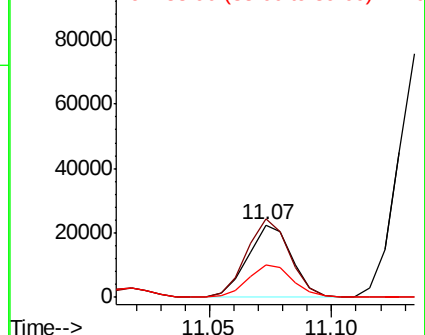
75 100

53 107.0 85.3 127.9

89 47.0 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: 21.292 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006168.D

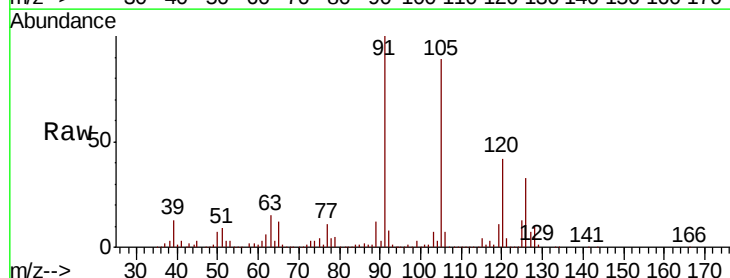
Acq: 26 Nov 2018 12:05

Tgt Ion: 91 Resp: 233250

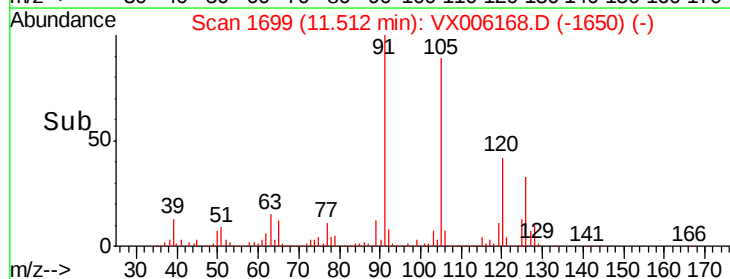
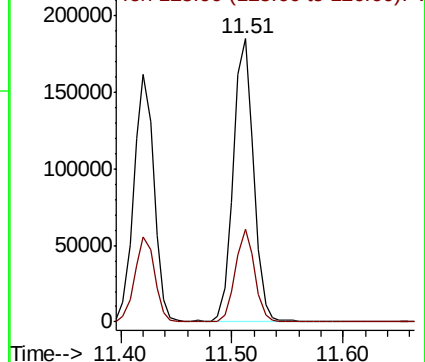
Ion Ratio Lower Upper

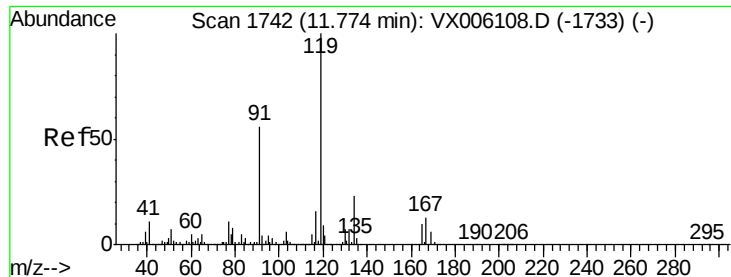
91 100

126 31.2 15.3 45.9



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





#83

tert-Butylbenzene

Concen: 21.437 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

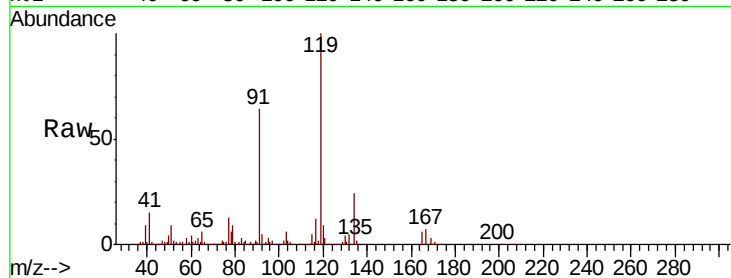
Tot Ion:119 Resp: 235085

Ion Ratio Lower Upper

119 100

91 57.4 28.2 84.6

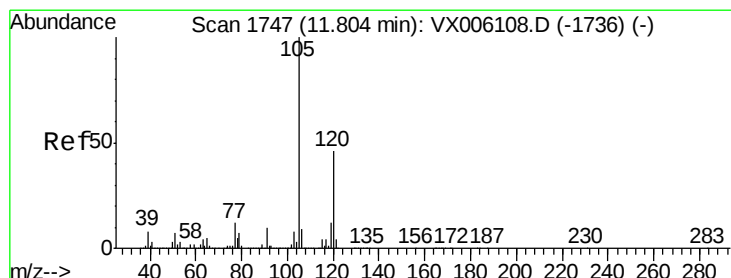
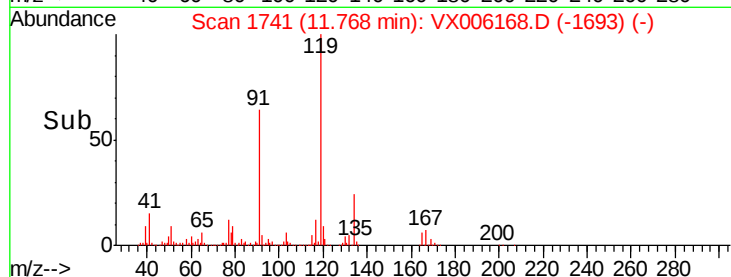
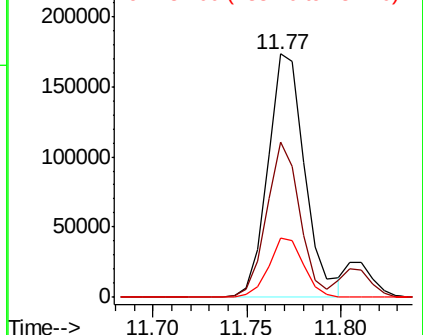
134 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.900 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006168.D

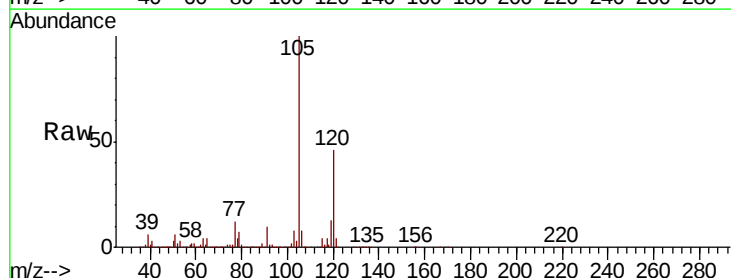
Acq: 26 Nov 2018 12:05

Tgt Ion:105 Resp: 250941

Ion Ratio Lower Upper

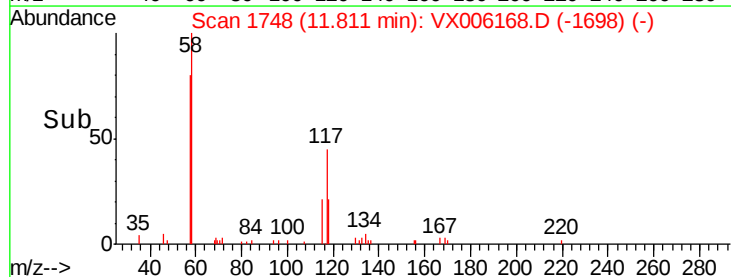
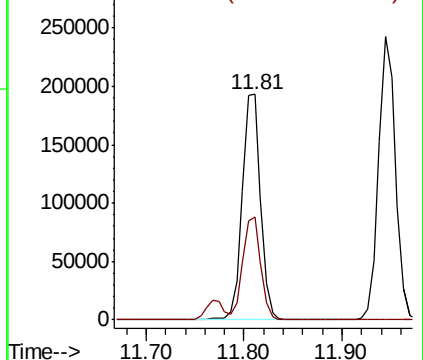
105 100

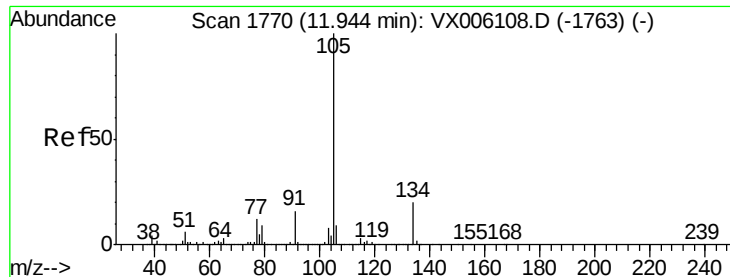
120 44.5 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.673 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampled :

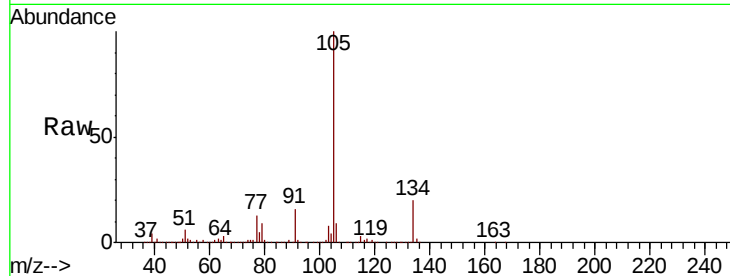
VX1126WBS01

Tot Ion:105 Resp: 290712

Ion Ratio Lower Upper

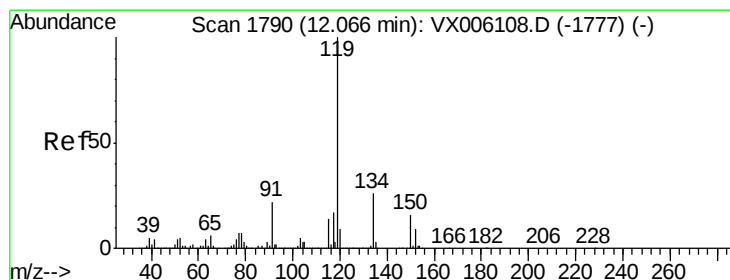
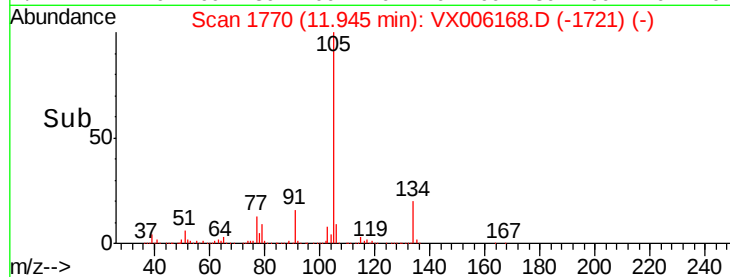
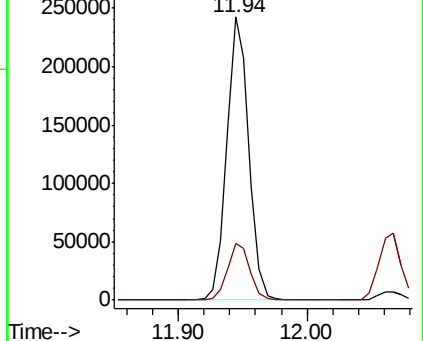
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.345 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

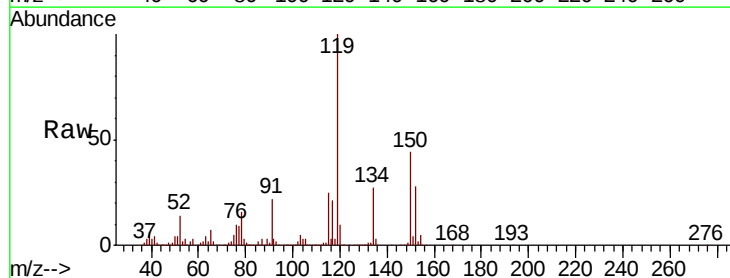
Tgt Ion:119 Resp: 255282

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

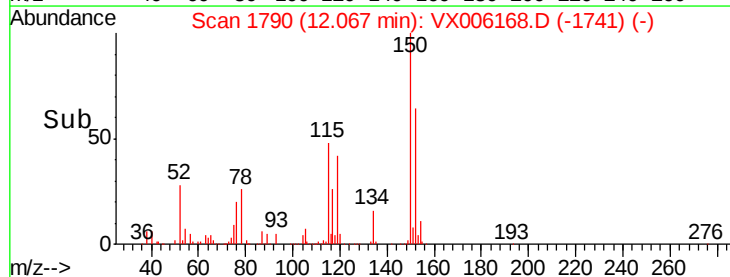
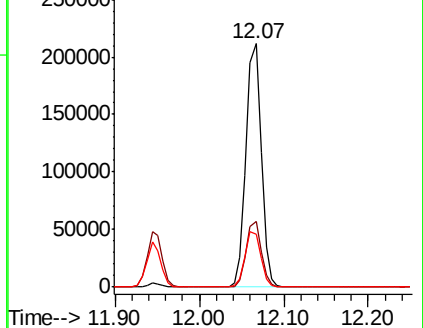
91 23.4 11.3 33.9

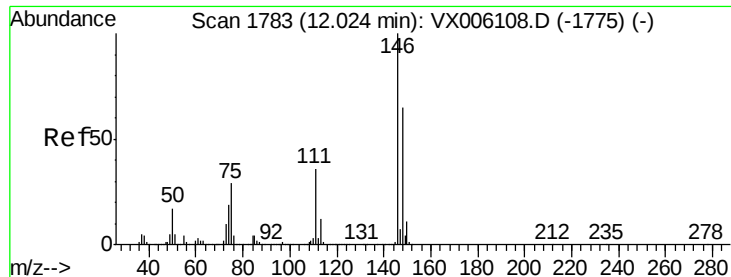


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

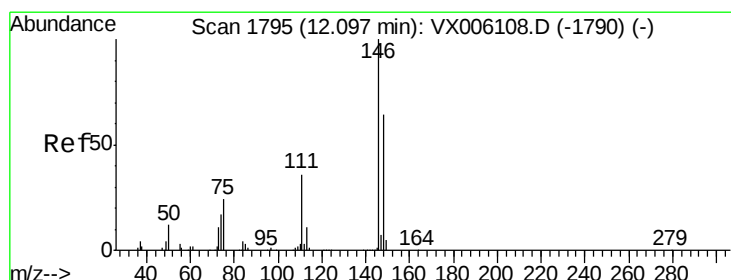
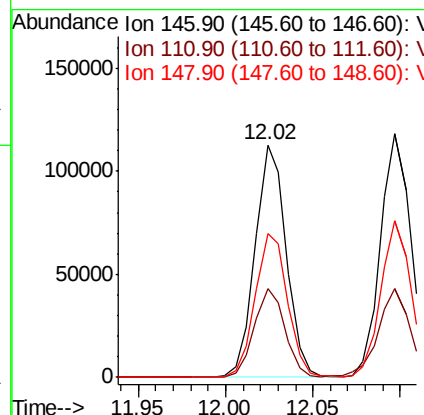
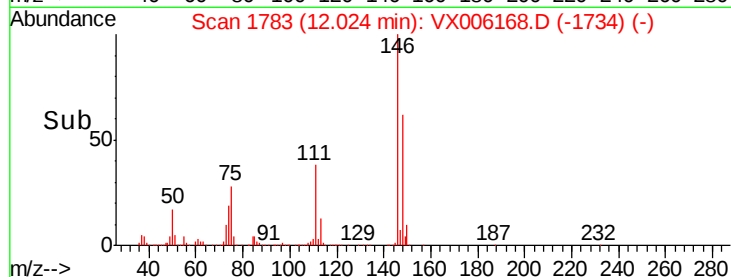
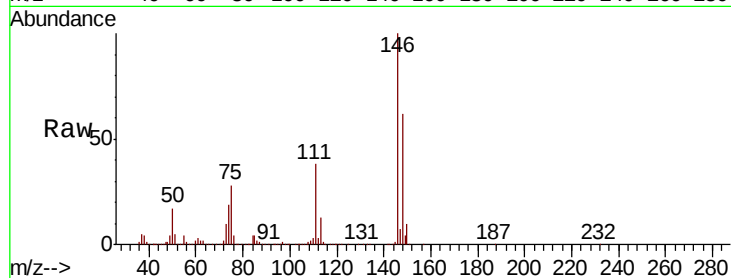




#87
 1,3-Dichlorobenzene
 Concen: 20.296 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

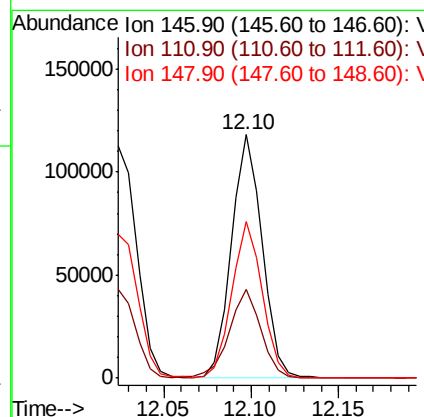
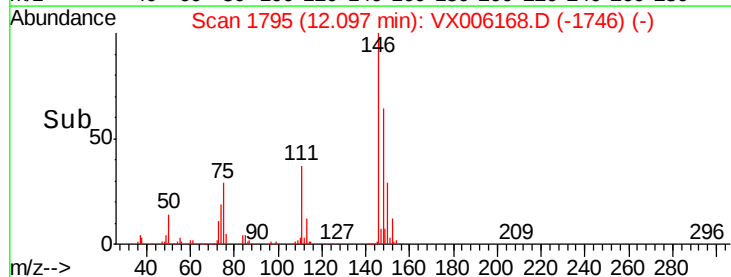
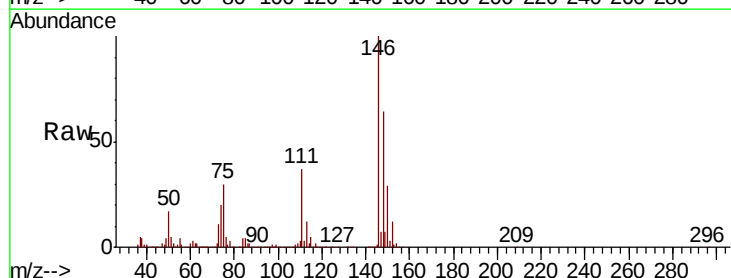
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

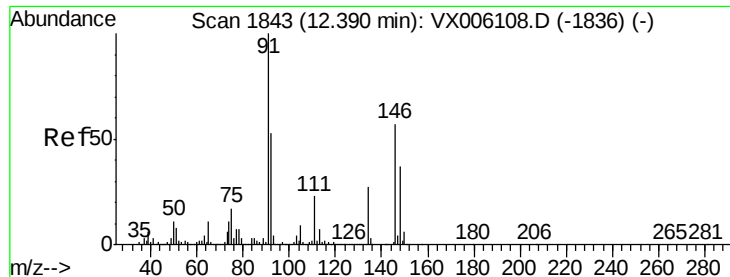
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	64.1	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.133 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.3	54.9
148	64.3	32.2	96.6





#89

n-Butylbenzene

Concen: 20.544 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

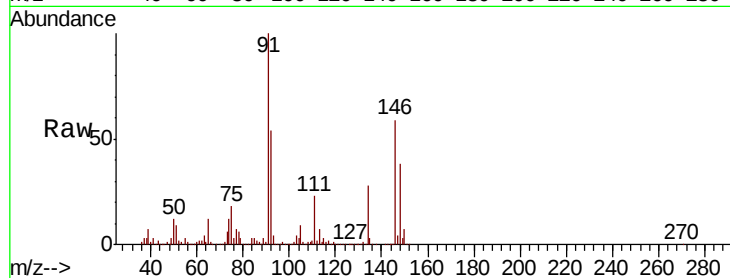
Tot Ion: 91 Resp: 222451

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

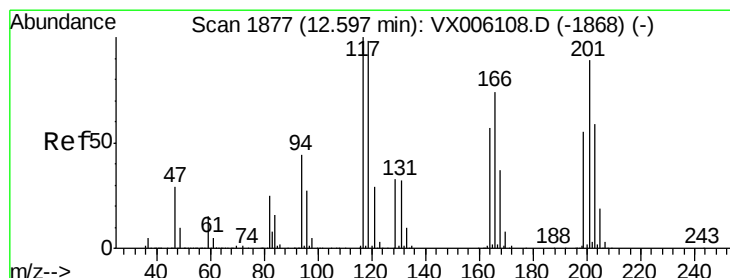
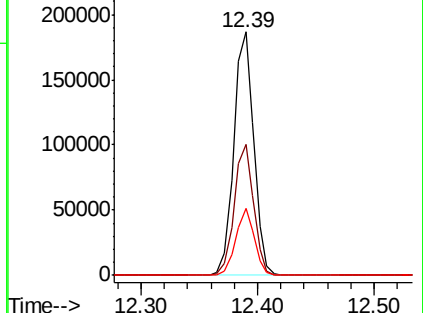
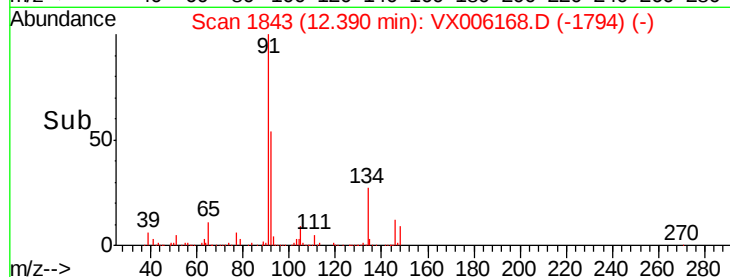
134 25.9 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.395 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006168.D

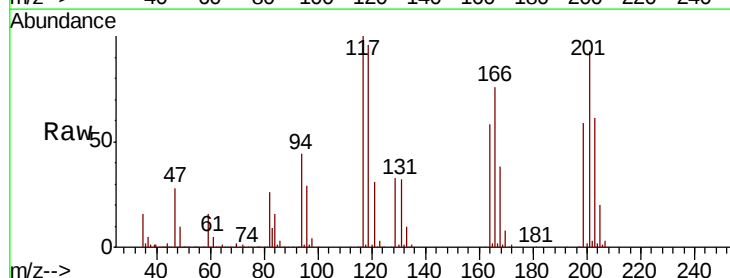
Acq: 26 Nov 2018 12:05

Tgt Ion: 117 Resp: 42740

Ion Ratio Lower Upper

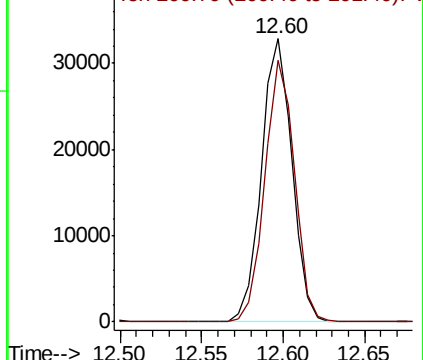
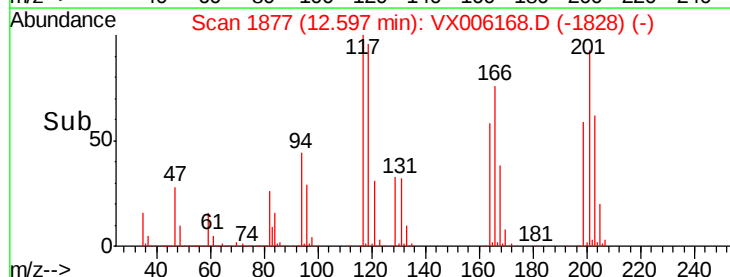
117 100

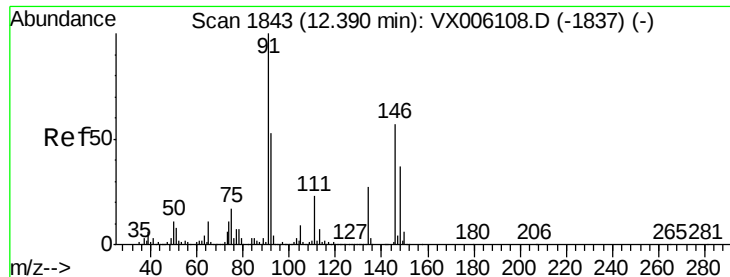
201 89.6 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.042 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

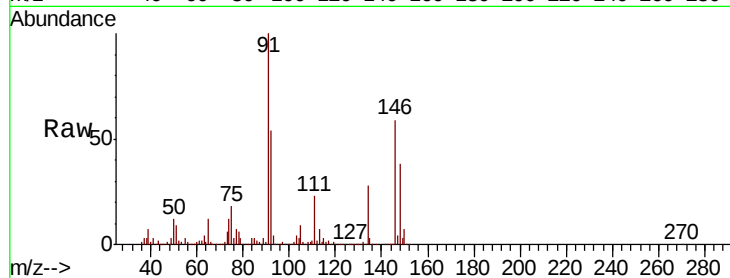
Tot Ion:146 Resp: 141009

Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.8

148 64.7 32.0 96.0

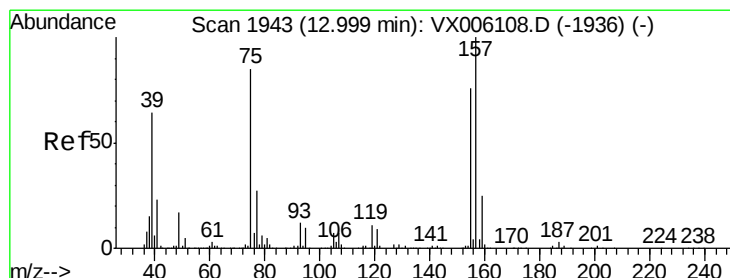
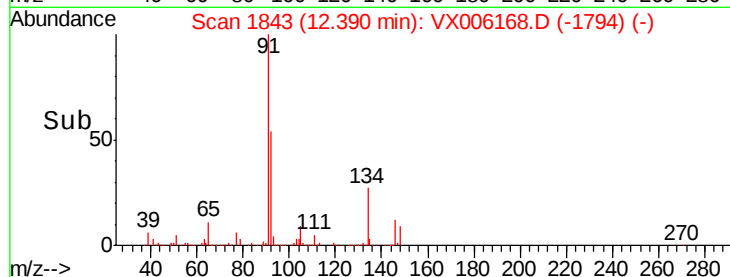
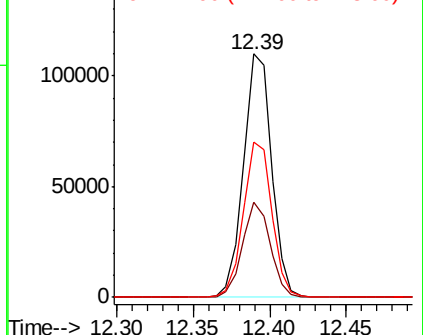


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.141 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

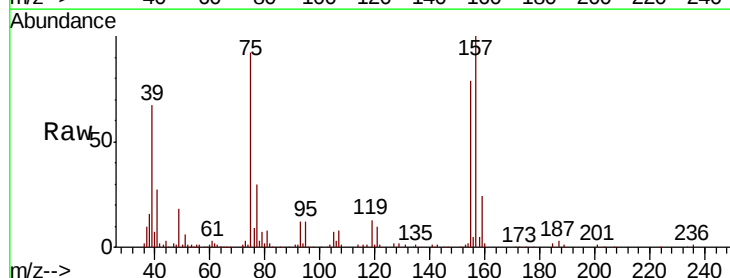
Tgt Ion: 75 Resp: 24631

Ion Ratio Lower Upper

75 100

155 91.8 46.1 138.3

157 115.0 59.8 179.3

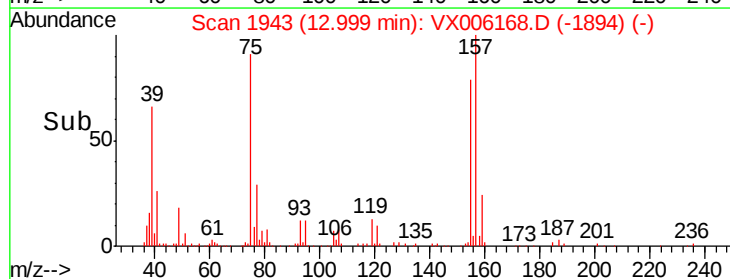
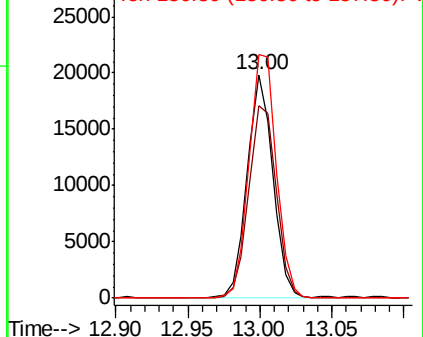


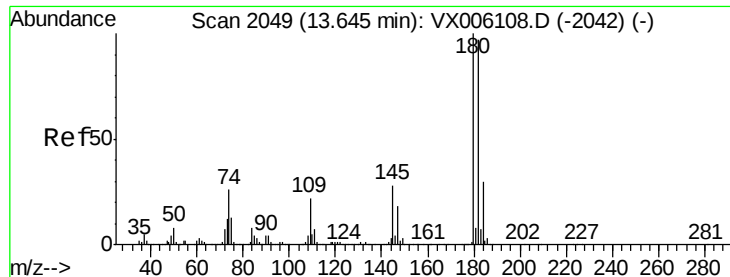
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

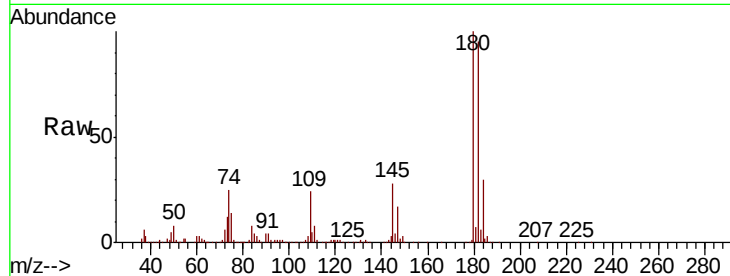




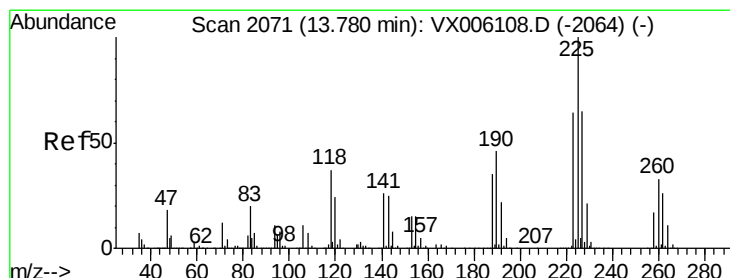
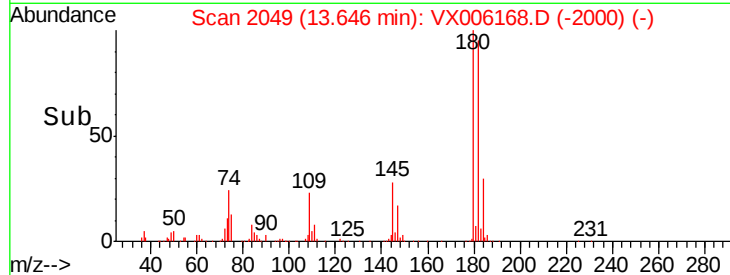
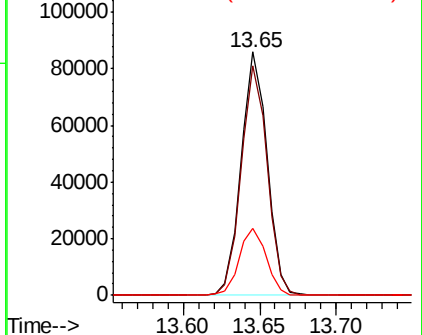
#93
 1,2,4-Trichlorobenzene
 Concen: 20.433 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Tot Ion:180 Resp: 101276
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.2 144.6
 145 28.4 14.1 42.2

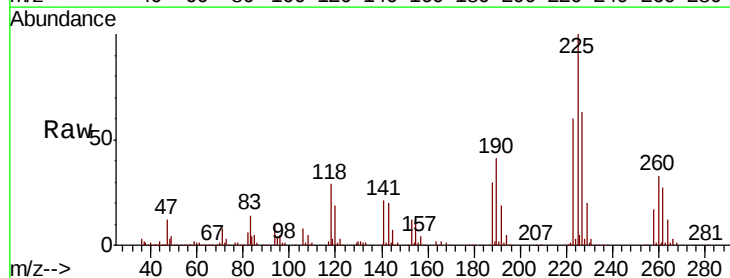


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

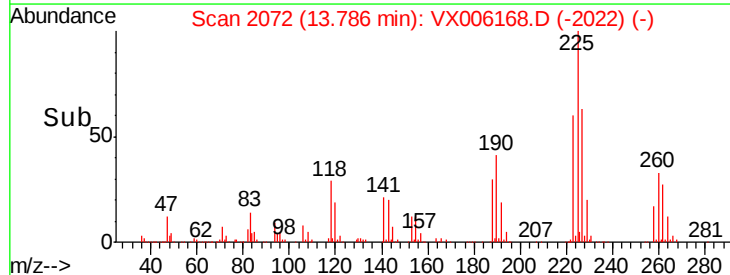
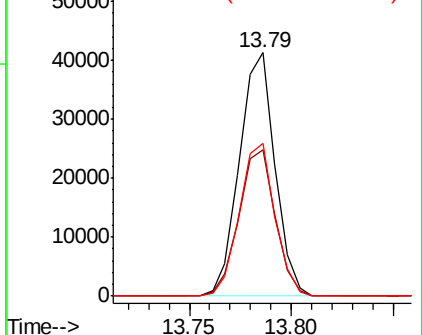


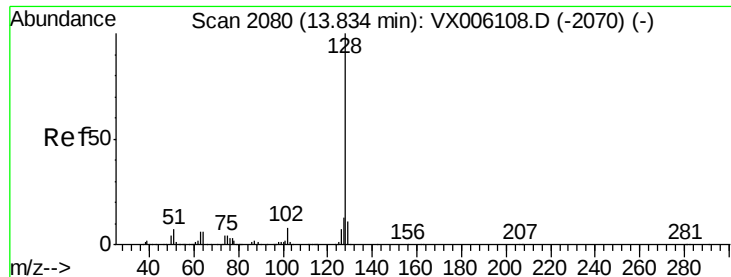
#94
 Hexachlorobutadiene
 Concen: 20.713 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion:225 Resp: 50034
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.2 93.6
 227 62.6 32.4 97.2



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: 21.219 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

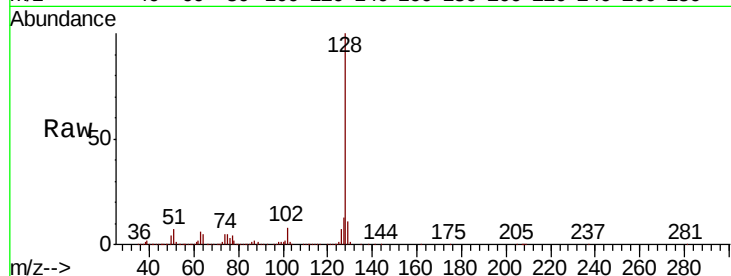
Tot Ion:128 Resp: 309250

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

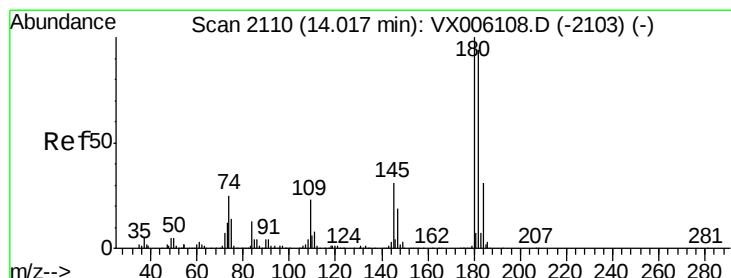
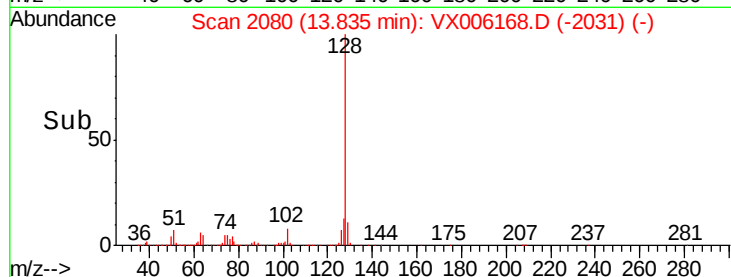
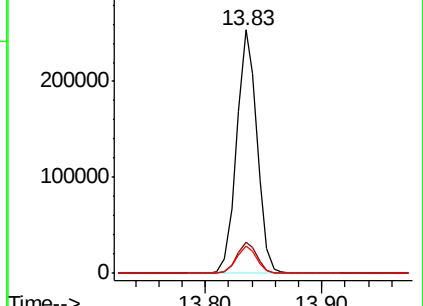
129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.624 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

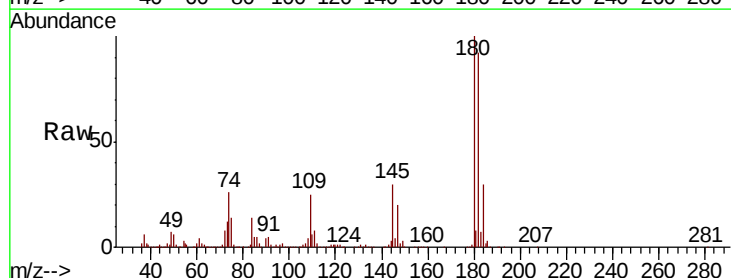
Tgt Ion:180 Resp: 104213

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 29.4 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

