

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111718\
 Data File : VX006070.D
 Acq On : 17 Nov 2018 15:59
 Operator : JC/MD
 Sample : J5968-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418DL

Quant Time: Nov 19 00:16:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	118323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	197513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101775	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	74478	54.75	ug/l	0.00
Spiked Amount			Recovery	=	109.50%	
35) Dibromofluoromethane	5.51	113	57666	42.93	ug/l	0.00
Spiked Amount			Recovery	=	85.86%	
50) Toluene-d8	8.71	98	199035	44.56	ug/l	0.00
Spiked Amount			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	11.14	95	73683	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.28	62	568	0.404	ug/l #	59
5) Bromomethane	1.65	94	267	0.310	ug/l	97
11) Tert butyl alcohol	3.01	59	962	2.469	ug/l #	72
13) Acrolein	2.27	56	45	19.387	ug/l #	1
15) Acrylonitrile	3.17	53	745	0.923	ug/l #	45
16) Acetone	2.45	43	1568	2.141	ug/l	96
18) Methyl Acetate	2.84	43	9847	3.642	ug/l #	55
20) Methylene Chloride	2.87	84	621	0.516	ug/l #	65
25) 2-Butanone	4.71	43	811	0.704	ug/l #	51
30) Chloroform	5.21	83	541	0.257	ug/l	88
31) Cyclohexane	5.58	56	3706	1.956	ug/l #	93
36) 1,1-Dichloropropene	5.66	75	8251	4.333	ug/l #	49
37) Ethyl Acetate	4.71	43	811	0.324	ug/l #	69
38) Carbon Tetrachloride	5.66	117	10980	5.760	ug/l #	16
39) Methylcyclohexane	7.46	83	4184	2.168	ug/l #	79
48) Methyl methacrylate	7.73	41	807	0.495	ug/l #	69
52) Toluene	8.79	92	11629	3.749	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	1323	0.957	ug/l #	18
58) 2-Chloroethyl Vinyl ether	8.21	63	19	8.295	ug/l #	48
67) Ethyl Benzene	10.25	91	196057	40.665	ug/l	99
68) m/p-Xylenes	10.36	106	91686	49.856	ug/l	100
69) o-Xylene	10.70	106	33275	20.178	ug/l	99
70) Styrene	10.70	104	2108	0.775	ug/l #	1
73) Isopropylbenzene	11.02	105	31281	5.315	ug/l	100
74) N-amyl acetate	10.90	43	44	1.264	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	36350	17.540	ug/l #	36
78) n-propylbenzene	11.36	91	90982	13.117	ug/l	98
79) 2-Chlorotoluene	11.43	91	11912	2.841	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	53542	10.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	36350	55.904	ug/l #	9
82) 4-Chlorotoluene	11.51	91	5924	1.199	ug/l #	44
83) tert-Butylbenzene	11.77	119	1263	0.250	ug/l	83
84) 1,2,4-Trimethylbenzene	11.81	105	296563	53.738	ug/l	97
85) sec-Butylbenzene	11.94	105	10700	1.729	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

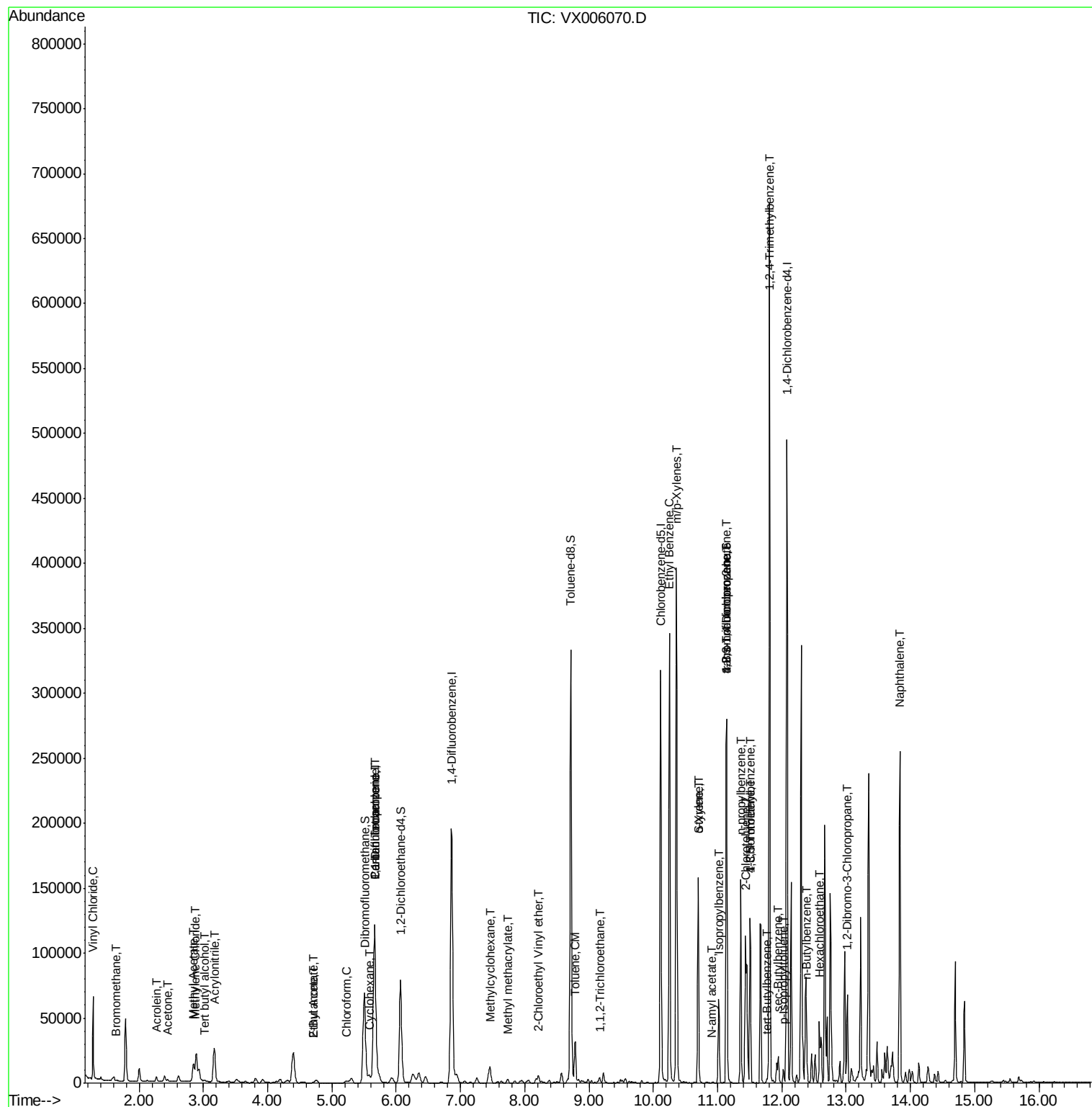
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.02	119	4363	0.796	ug/l	93
89) n-Butylbenzene	12.39	91	15371	3.026	ug/l #	43
90) Hexachloroethane	12.58	117	3562	3.893	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	228	0.433	ug/l #	1
95) Naphthalene	13.83	128	153662	21.669	ug/l	100

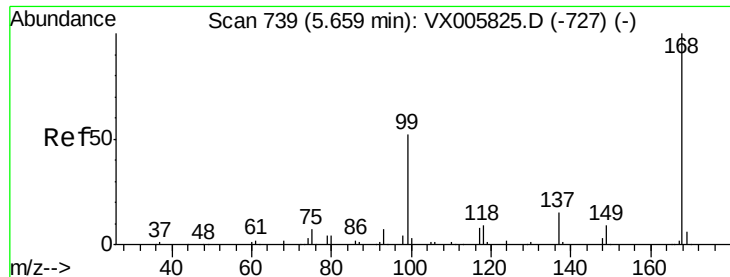
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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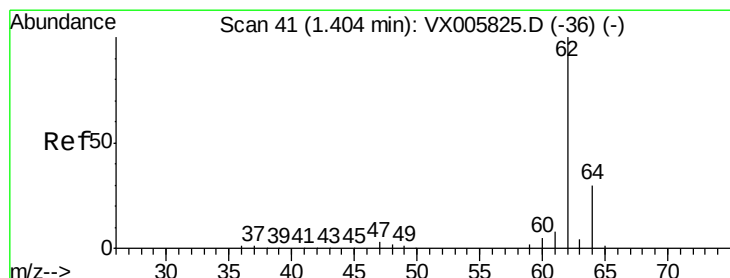
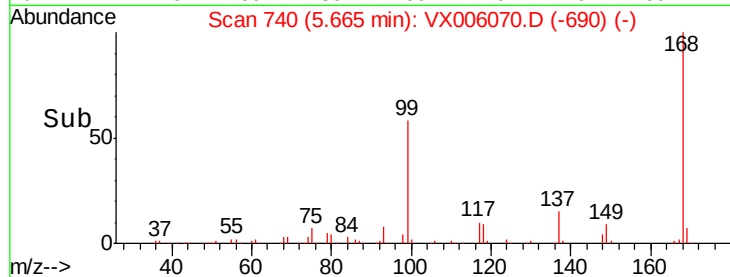
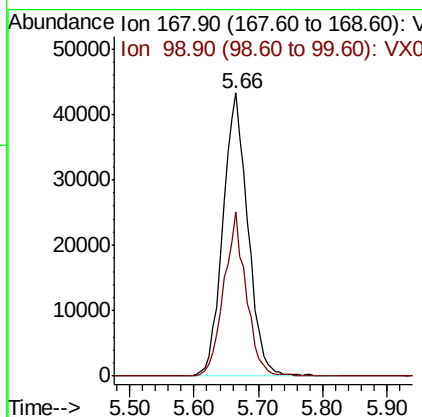
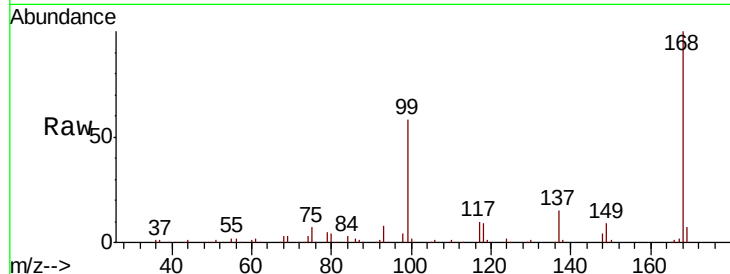




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

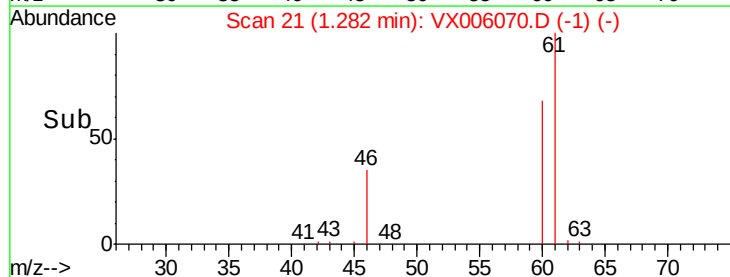
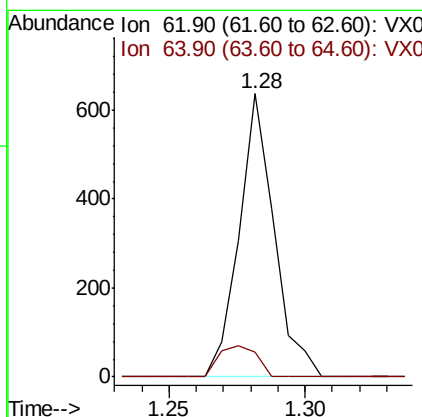
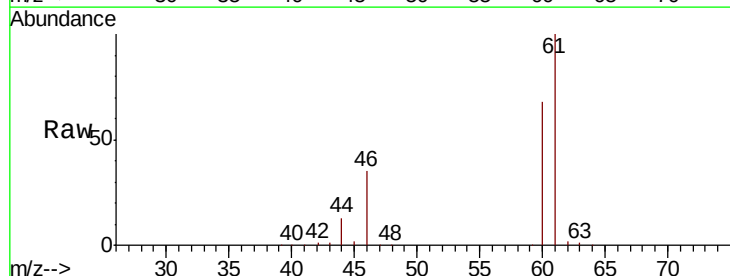
Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

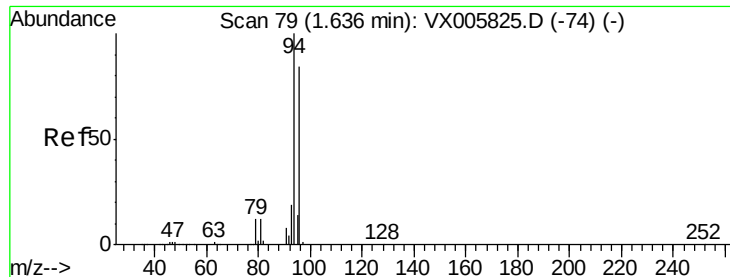
Tot Ion:168 Resp: 118323
Ion Ratio Lower Upper
168 100
99 58.1 40.7 61.1



#4
Vinyl Chloride
Concen: 0.404 ug/l
RT: 1.28 min Scan# 21
Delta R.T. -0.12 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion: 62 Resp: 568
Ion Ratio Lower Upper
62 100
64 8.9 25.3 37.9#





#5

Bromomethane

Concen: 0.310 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

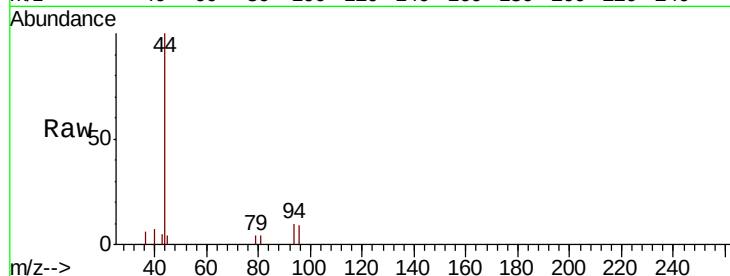
MW-2-111418DL

Tot Ion: 94 Resp: 267

Ion Ratio Lower Upper

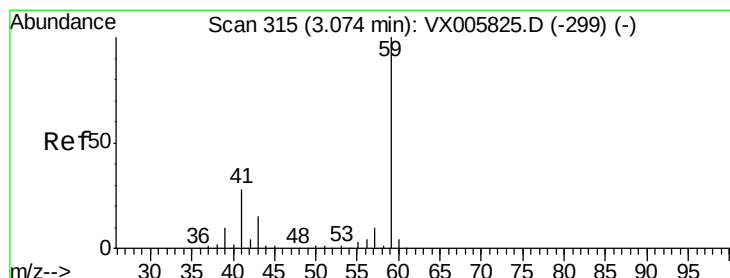
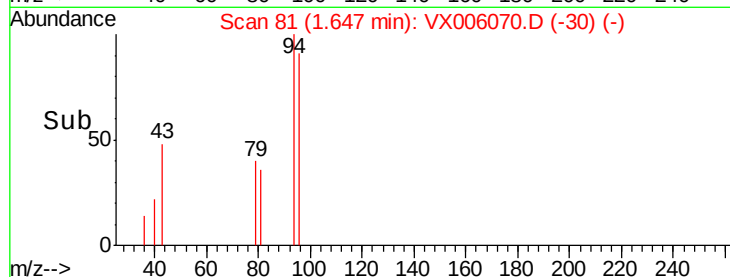
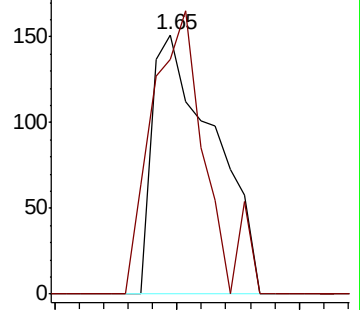
94 100

96 90.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 2.469 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.06 min

Lab File: VX006070.D

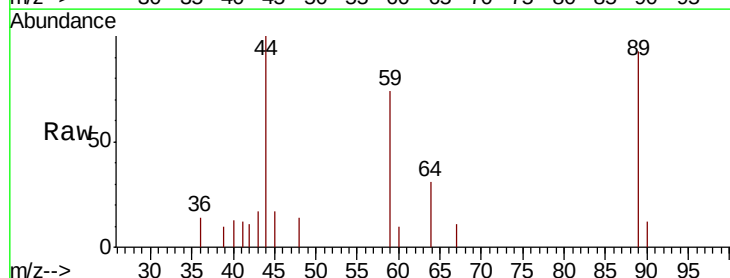
Acq: 17 Nov 2018 15:59

Tgt Ion: 59 Resp: 962

Ion Ratio Lower Upper

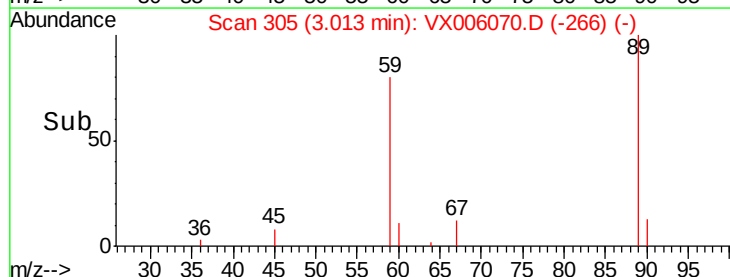
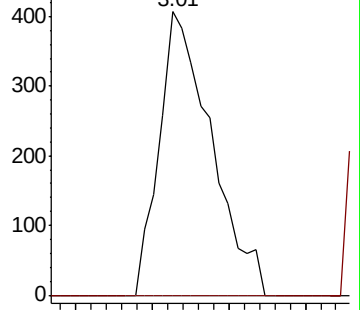
59 100

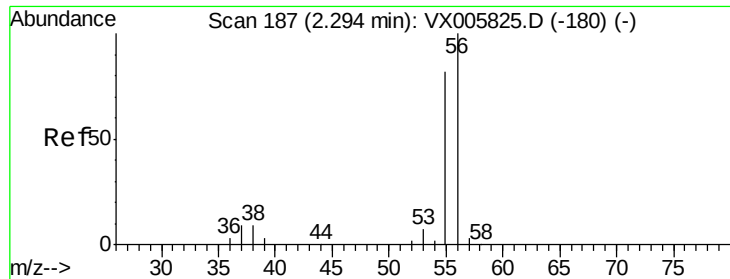
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 19.387 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

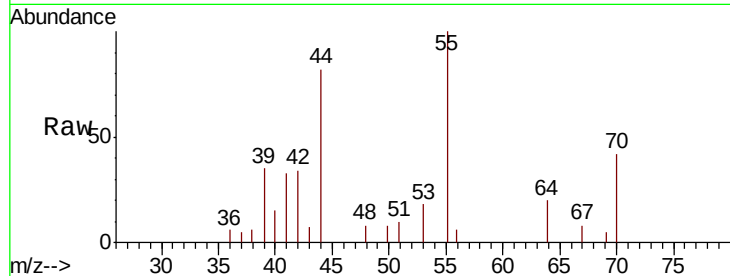
MW-2-111418DL

Tot Ion: 56 Resp: 45

Ion Ratio Lower Upper

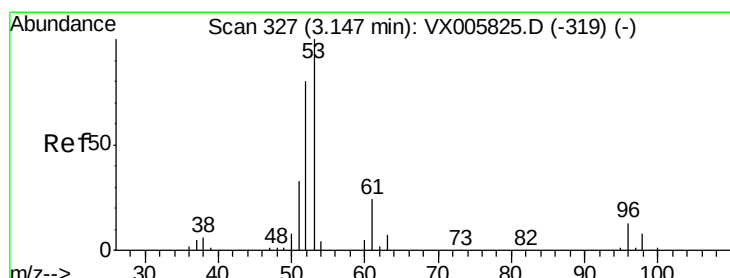
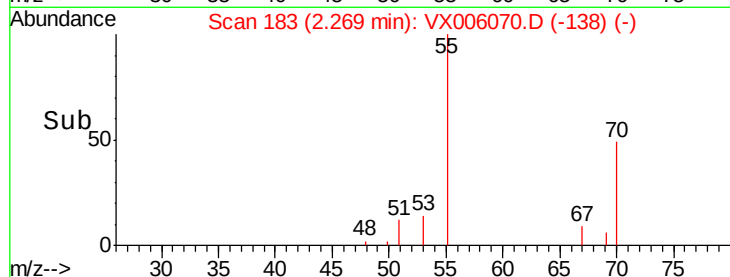
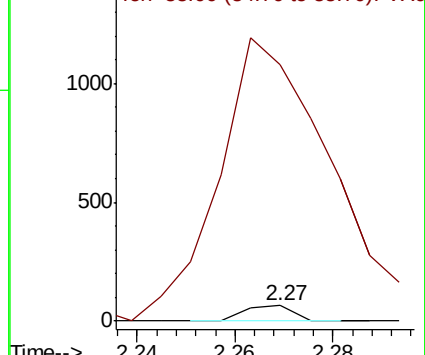
56 100

55 4282.2 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.923 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

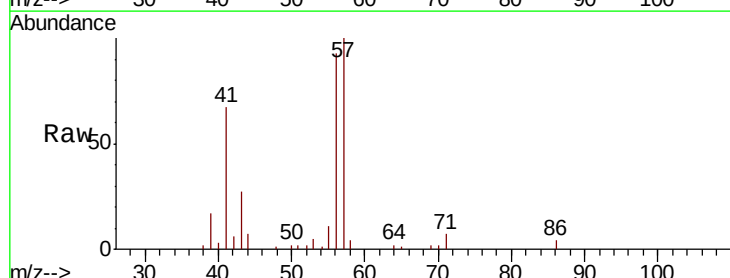
Tgt Ion: 53 Resp: 745

Ion Ratio Lower Upper

53 100

52 31.4 66.6 99.8#

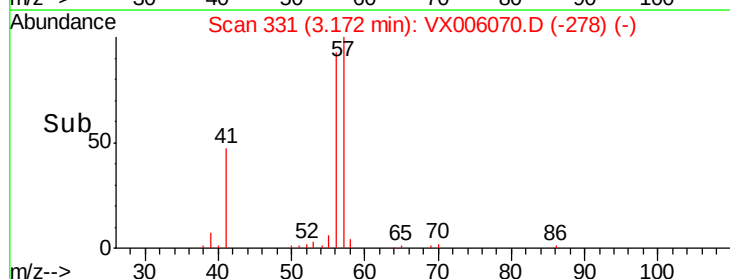
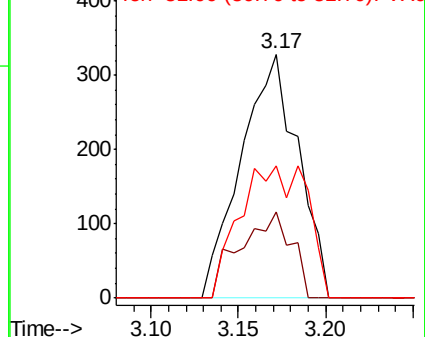
51 64.4 28.4 42.6#

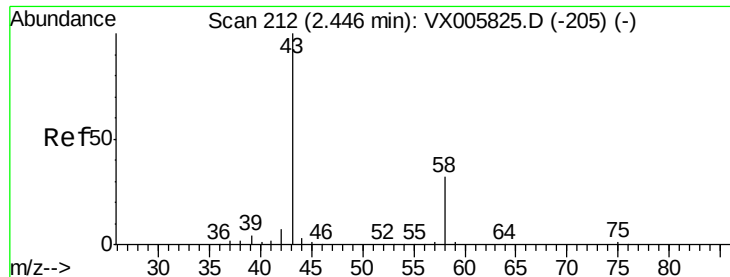


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 2.141 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

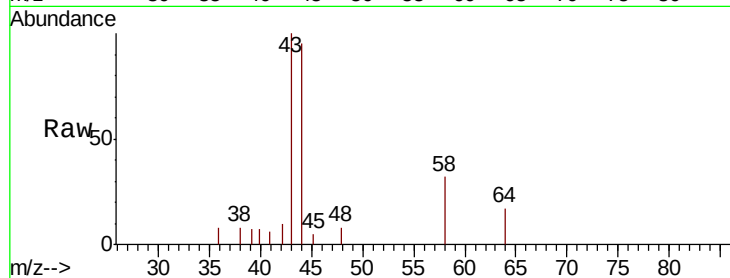
MW-2-111418DL

Tot Ion: 43 Resp: 1568

Ion Ratio Lower Upper

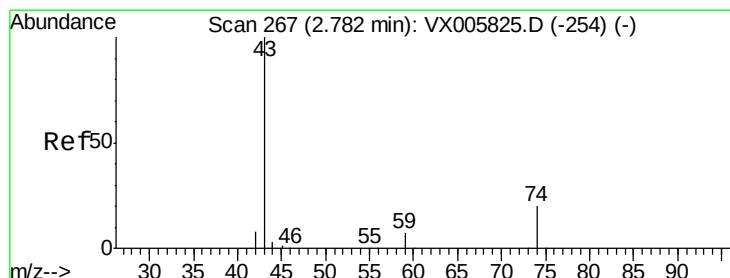
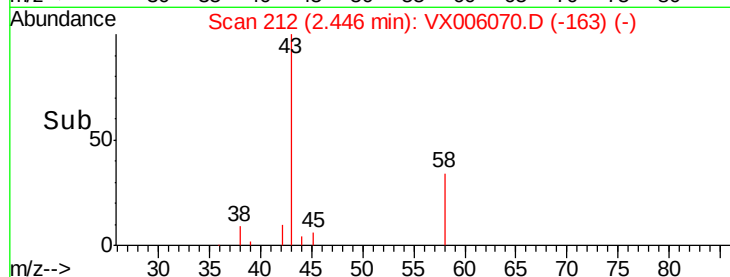
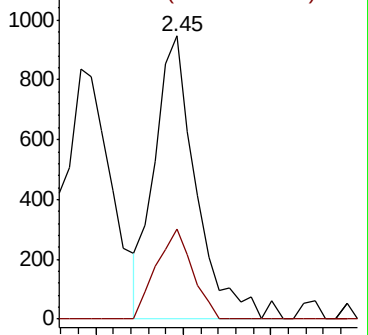
43 100

58 32.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 3.642 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.06 min

Lab File: VX006070.D

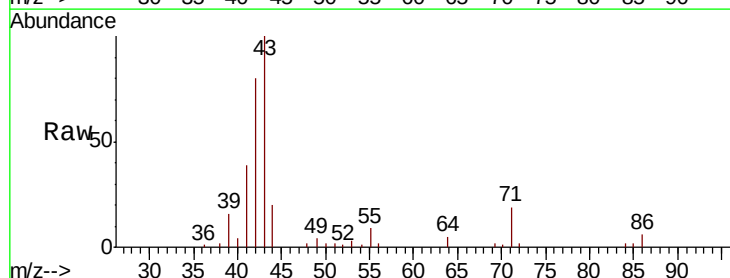
Acq: 17 Nov 2018 15:59

Tgt Ion: 43 Resp: 9847

Ion Ratio Lower Upper

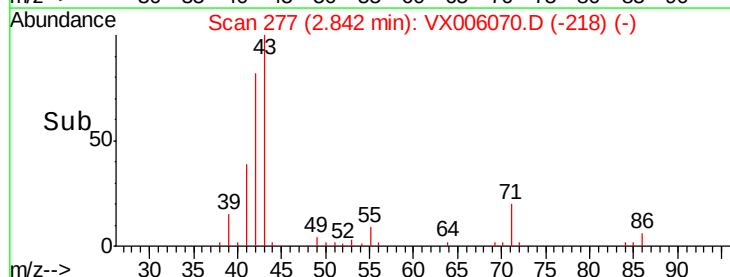
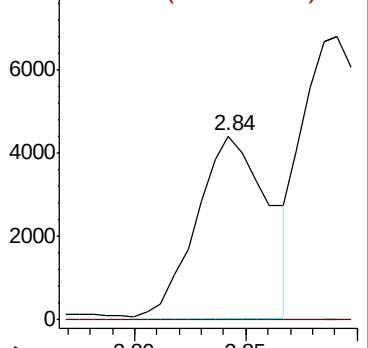
43 100

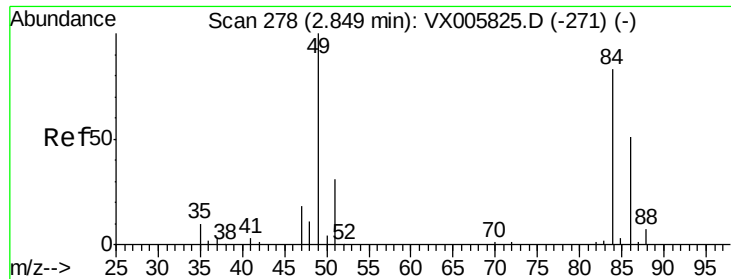
74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 0.516 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.02 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

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ClientSampleId :

MW-2-111418DL

Tot Ion: 84 Resp: 621

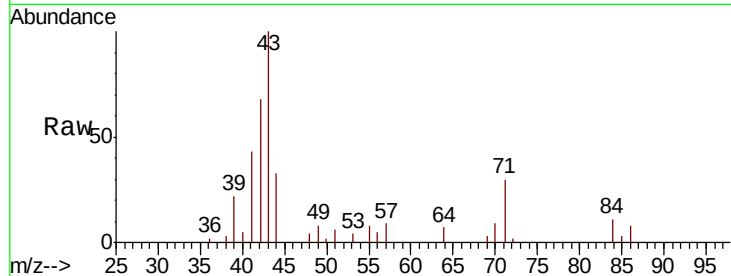
Ion Ratio Lower Upper

84 100

49 78.5 109.5 164.3#

51 54.3 33.3 49.9#

86 79.2 52.7 79.1#



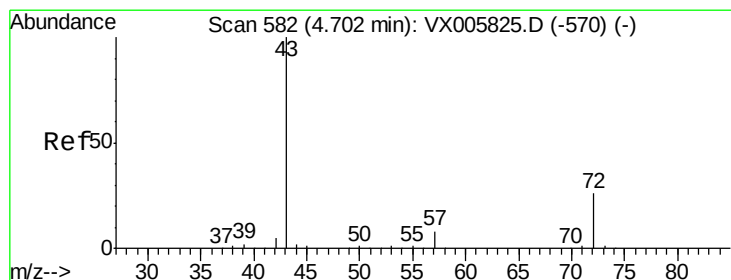
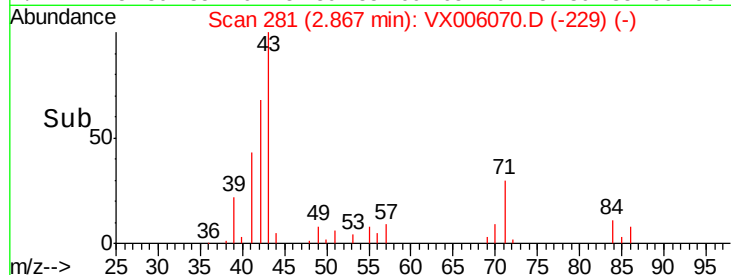
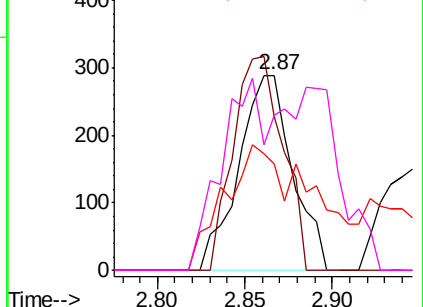
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.704 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006070.D

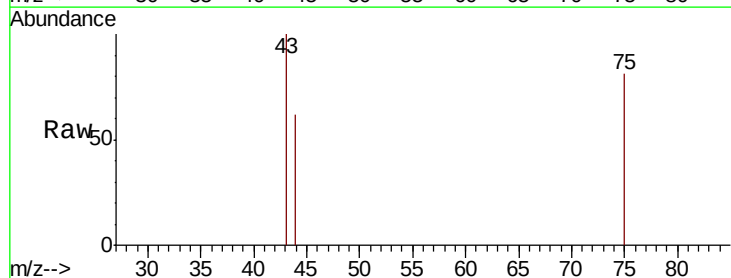
Acq: 17 Nov 2018 15:59

Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

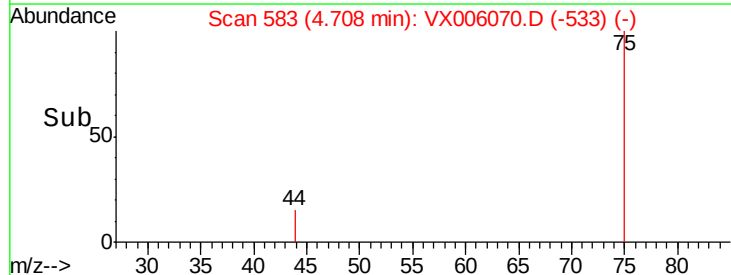
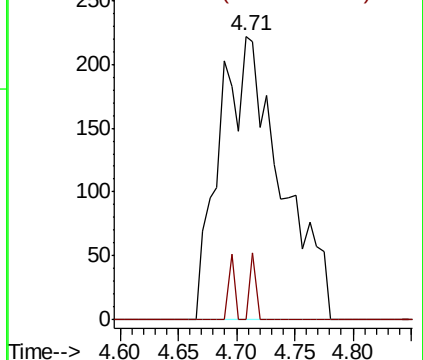
72 0.0 19.2 28.8#

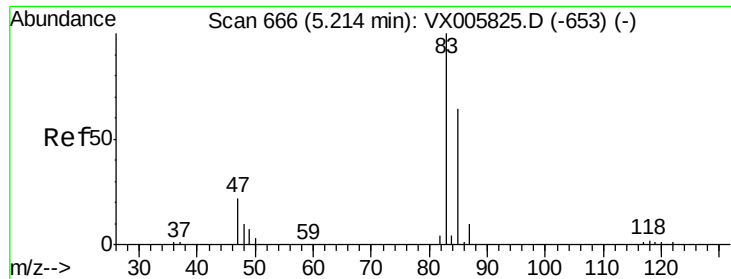


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

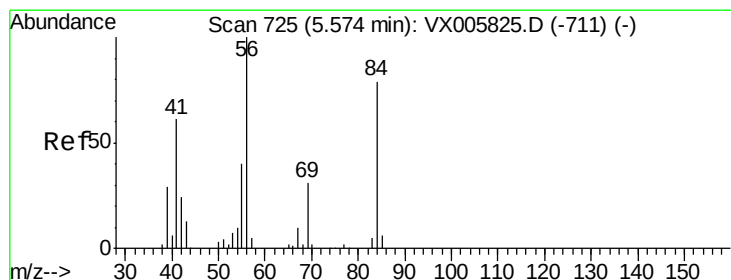
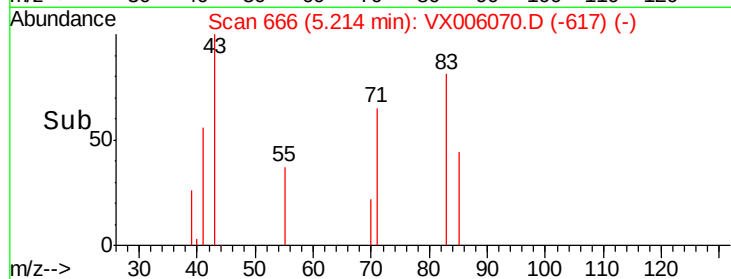
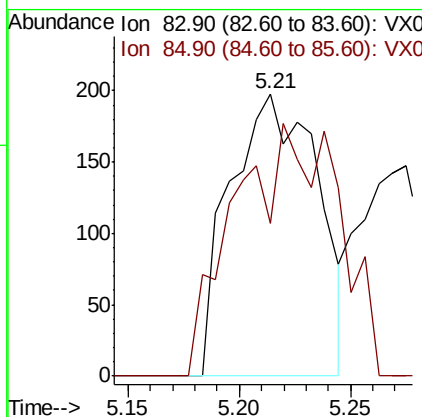
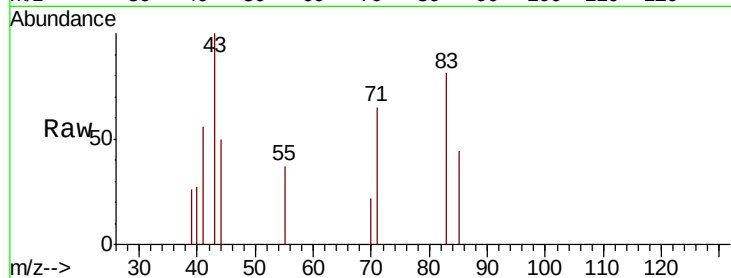




#30
Chloroform
Concen: 0.257 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

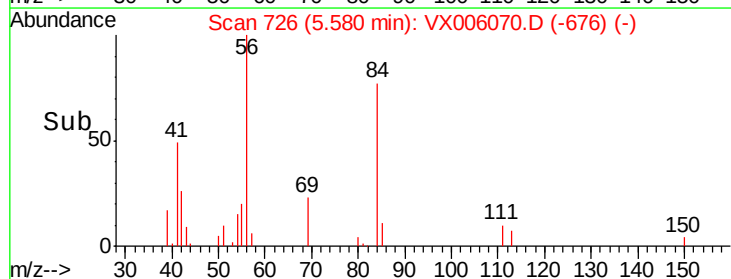
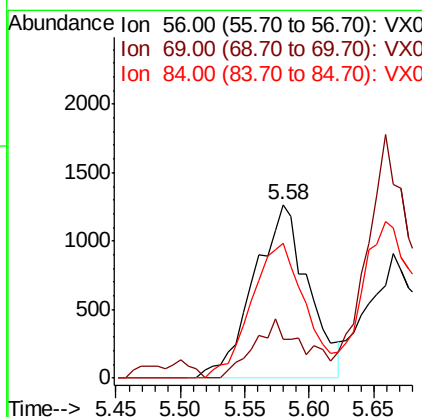
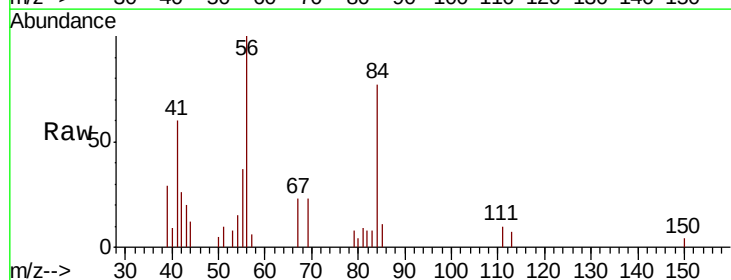
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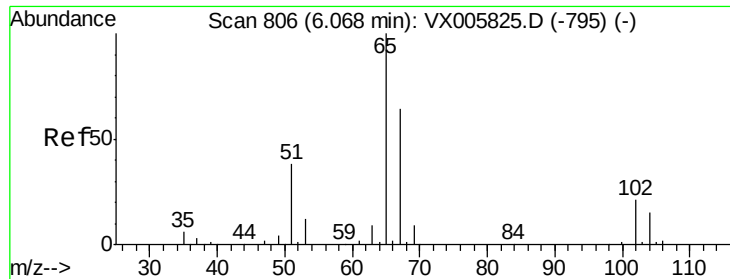
Tot Ion: 83 Resp: 541
Ion Ratio Lower Upper
83 100
85 54.0 50.6 76.0



#31
Cyclohexane
Concen: 1.956 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion: 56 Resp: 3706
Ion Ratio Lower Upper
56 100
69 15.6 22.6 34.0#
84 77.4 62.7 94.1

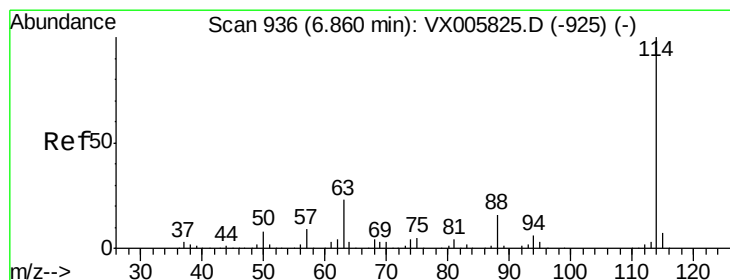
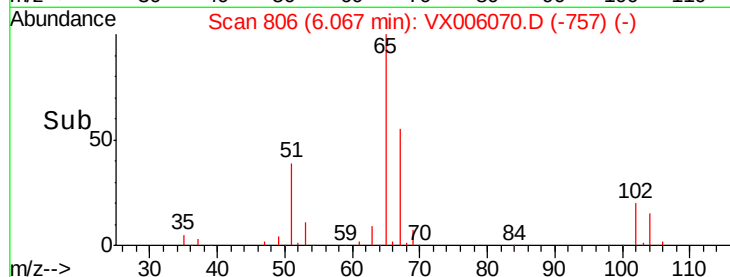
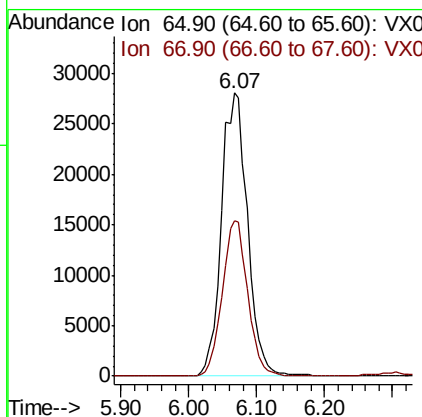
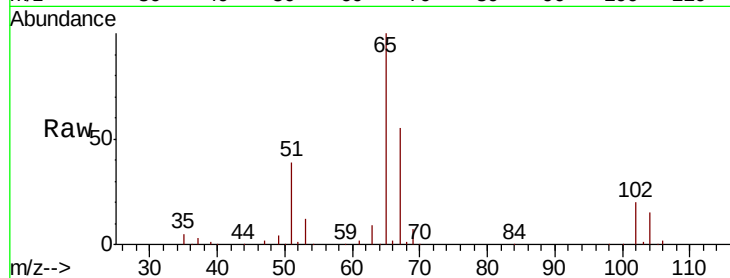




#33
 1,2-Dichloroethane-d4
 Concen: 54.752 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

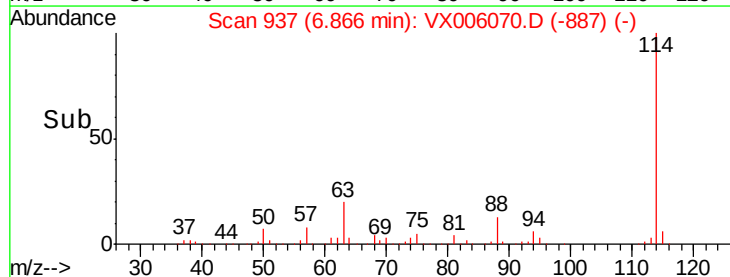
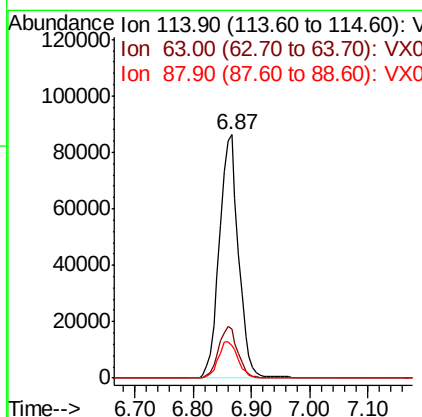
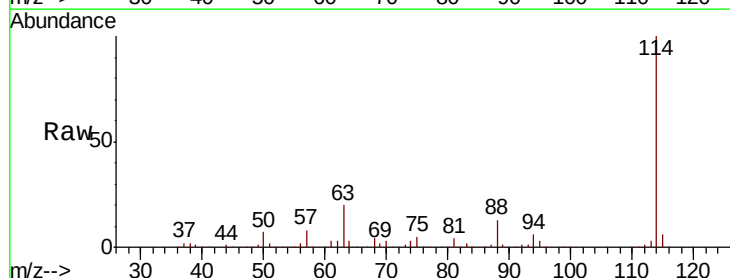
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418DL

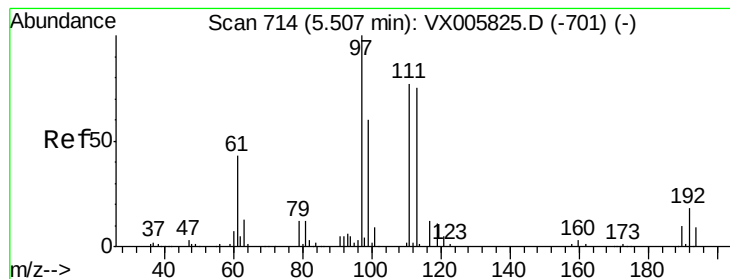
Tot Ion: 65 Resp: 74478
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Tgt Ion: 114 Resp: 197513
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.8
 88 13.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 42.926 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418DL

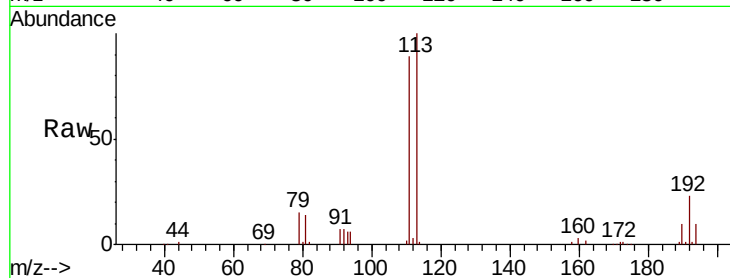
Tot Ion:113 Resp: 57666

Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

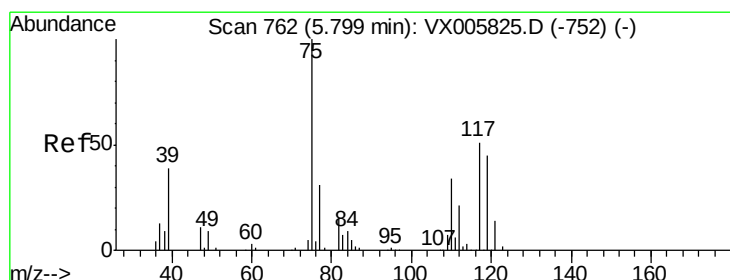
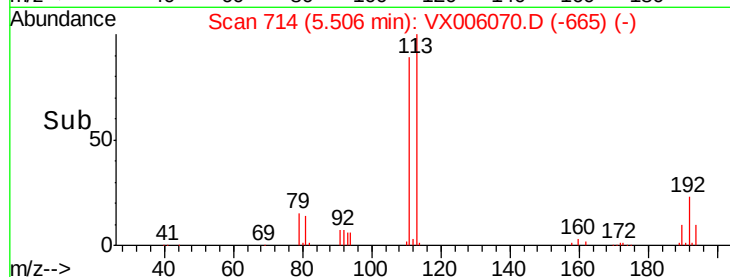
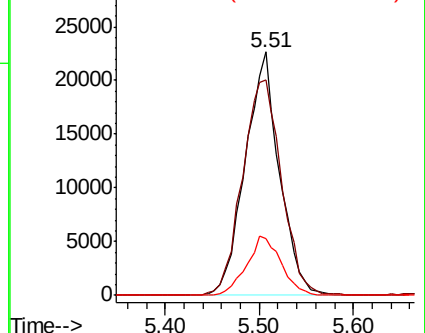
192 24.7 17.9 26.9



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: 4.333 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

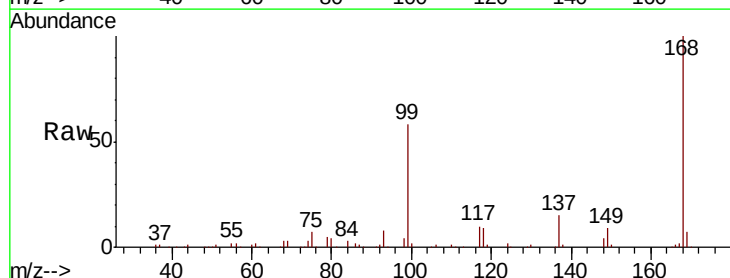
Tgt Ion: 75 Resp: 8251

Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.2#

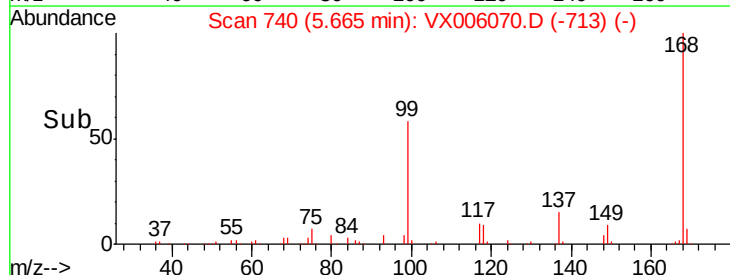
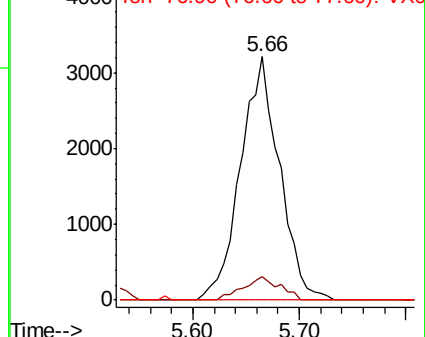
77 0.0 25.8 38.6#

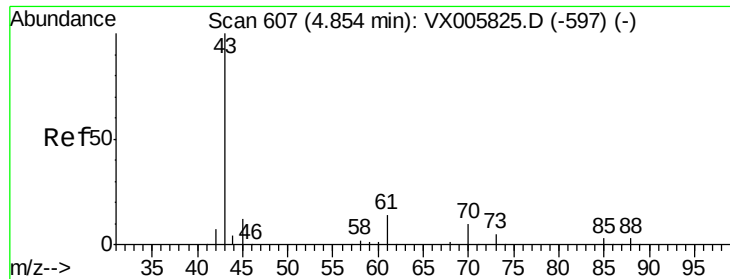


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.324 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418DL

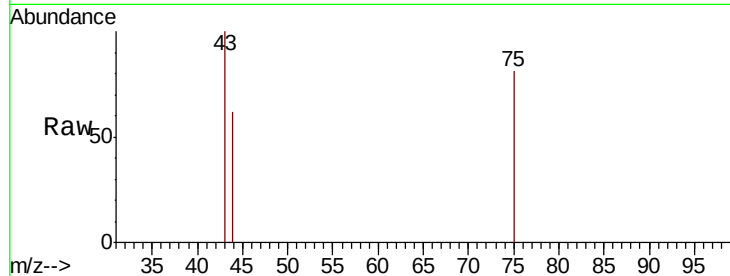
Tot Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

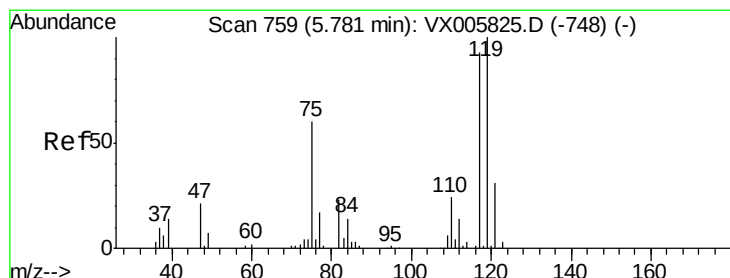
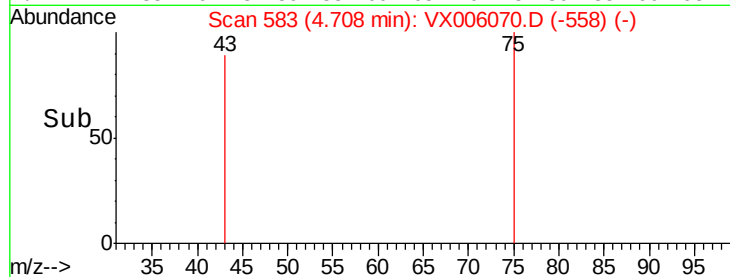
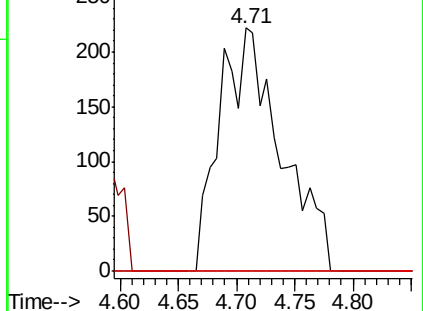
70 0.0 7.8 11.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.760 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

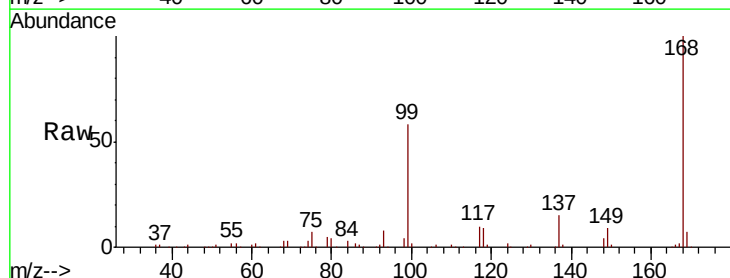
Tgt Ion: 117 Resp: 10980

Ion Ratio Lower Upper

117 100

119 5.6 78.1 117.1#

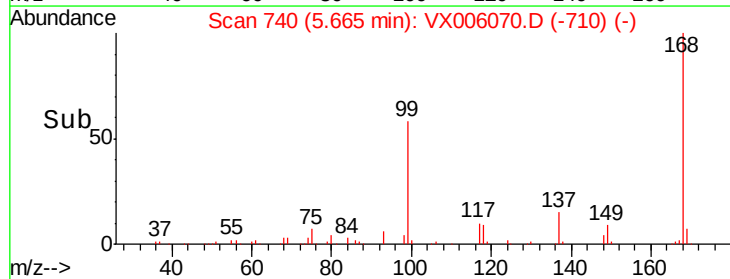
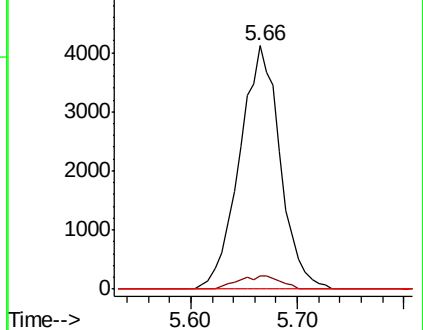
121 0.0 24.6 36.8#

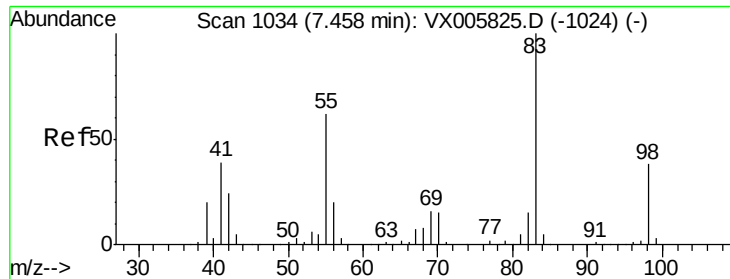


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 2.168 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418DL

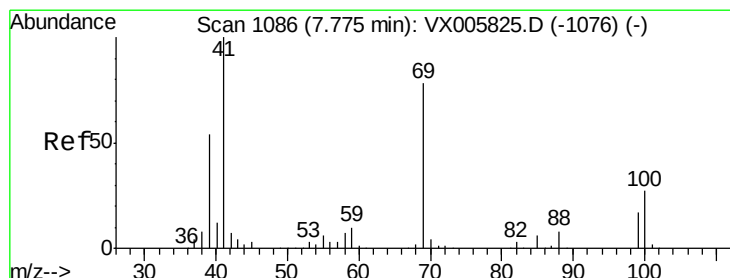
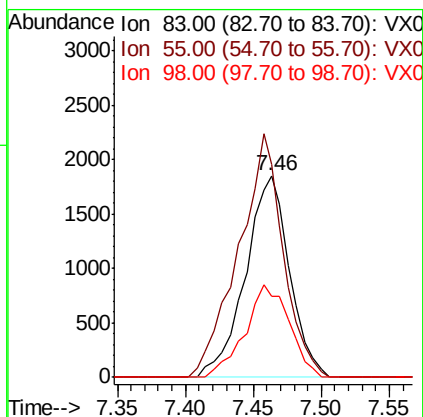
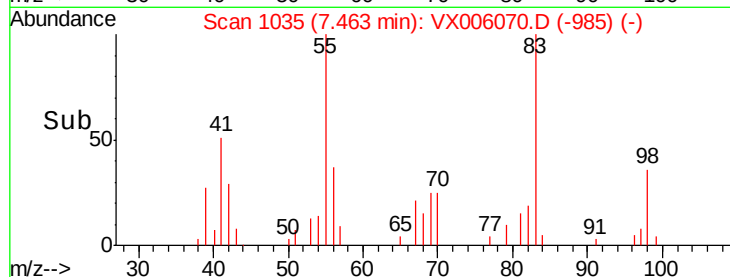
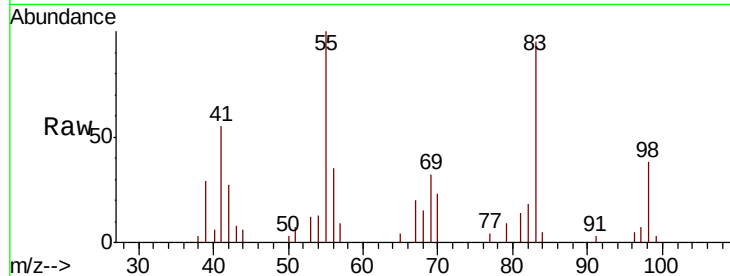
Tot Ion: 83 Resp: 4184

Ion Ratio Lower Upper

83 100

55 105.3 63.7 95.5#

98 40.1 36.2 54.2



#48

Methyl methacrylate

Concen: 0.495 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

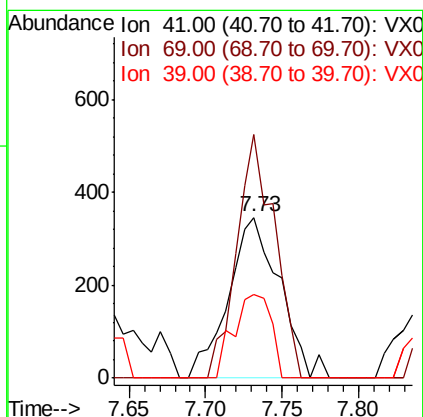
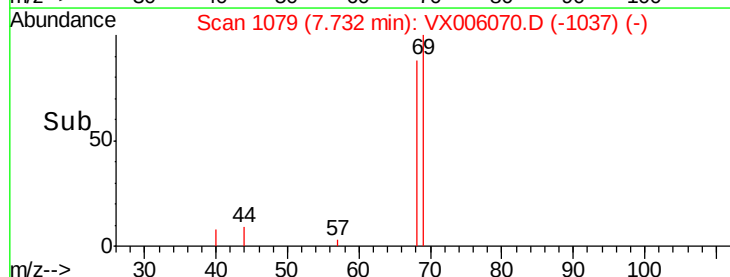
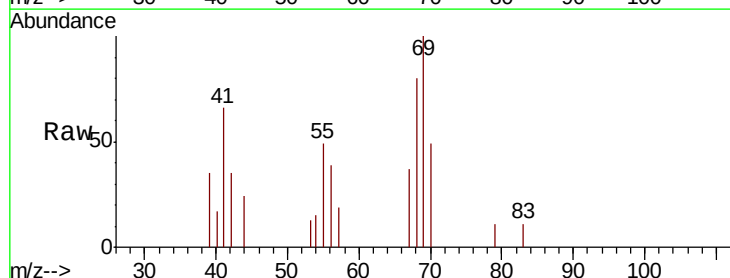
Tgt Ion: 41 Resp: 807

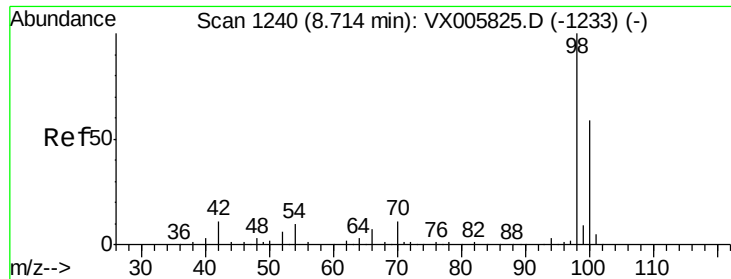
Ion Ratio Lower Upper

41 100

69 111.9 63.2 94.8#

39 37.5 42.2 63.2#

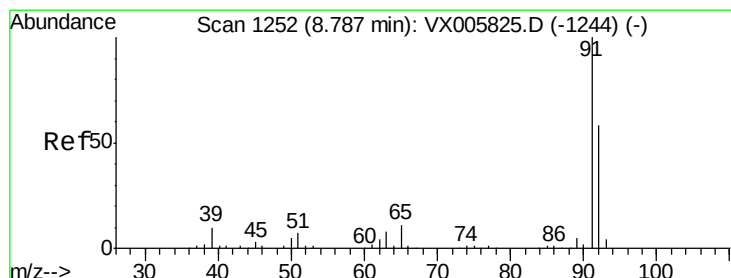
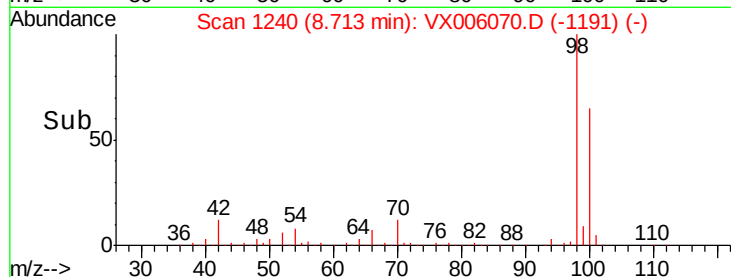
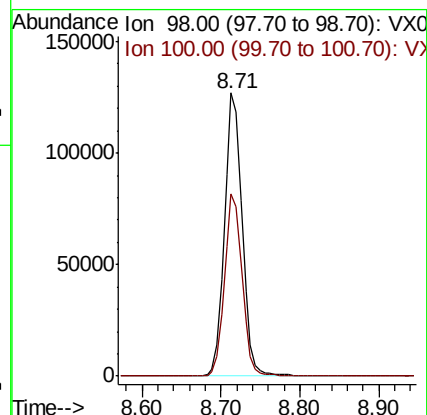
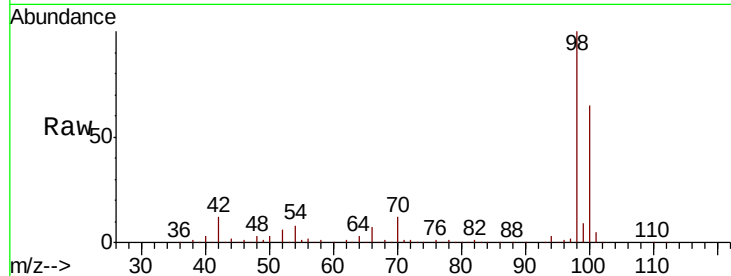




#50
Toluene-d8
Concen: 44.565 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

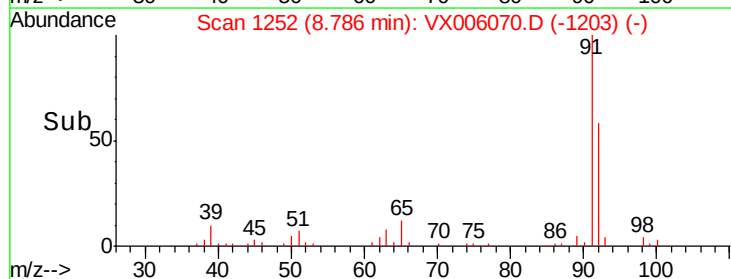
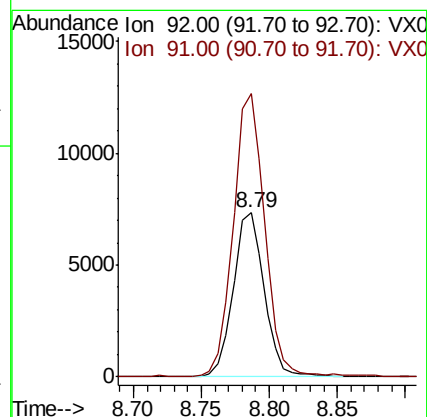
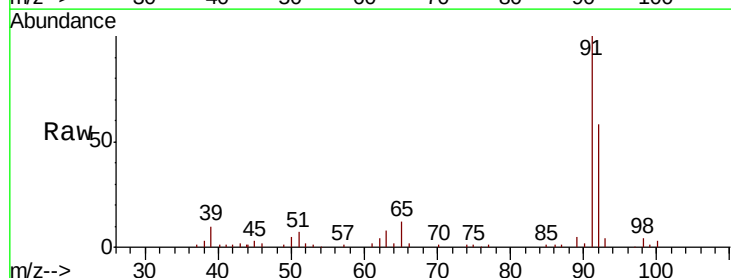
Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

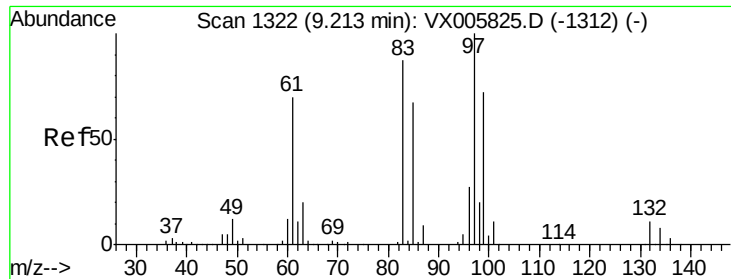
Tot Ion: 98 Resp: 199035
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#52
Toluene
Concen: 3.749 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion: 92 Resp: 11629
Ion Ratio Lower Upper
92 100
91 175.9 140.4 210.6





#55

1,1,2-Trichloroethane

Concen: 0.957 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418DL

Tot Ion: 97 Resp: 1323

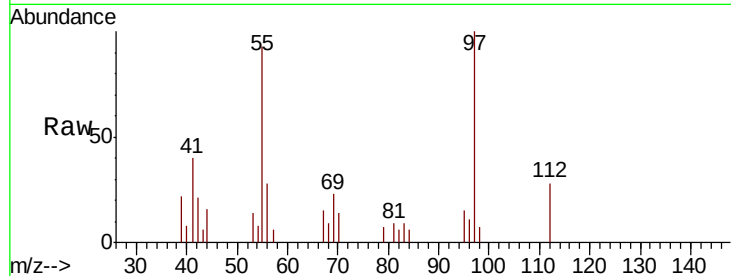
Ion Ratio Lower Upper

97 100

83 8.9 70.7 106.1#

85 0.0 45.8 68.6#

99 0.0 51.8 77.8#

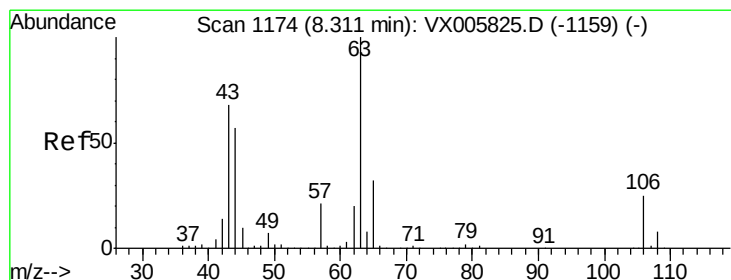
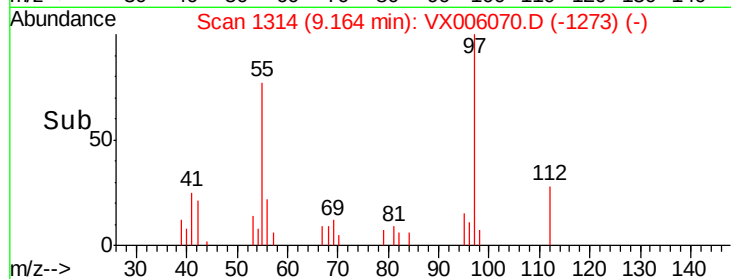
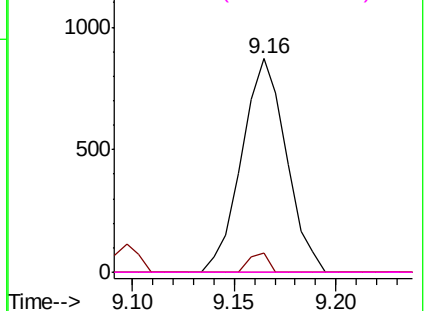


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#58

2-Chloroethyl Vinyl ether

Concen: 8.295 ug/l

RT: 8.21 min Scan# 1158

Delta R.T. -0.10 min

Lab File: VX006070.D

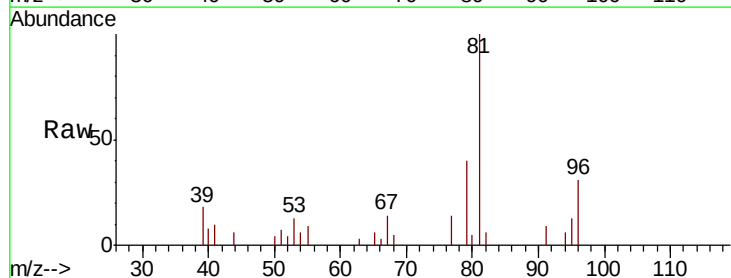
Acq: 17 Nov 2018 15:59

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

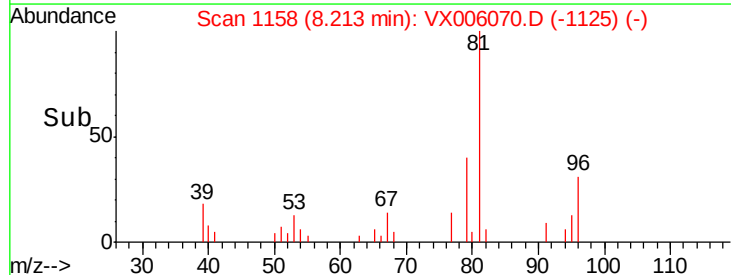
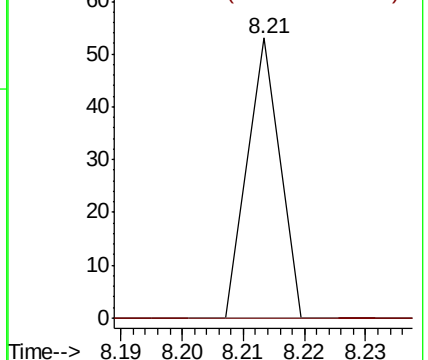
63 100

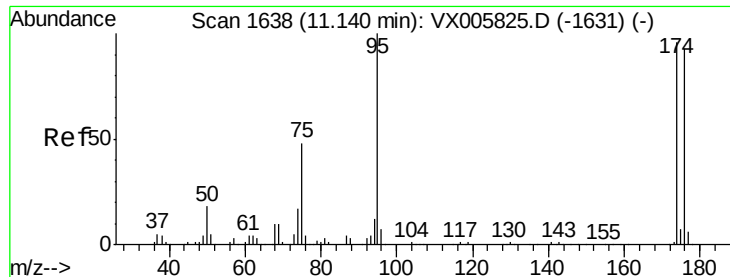
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

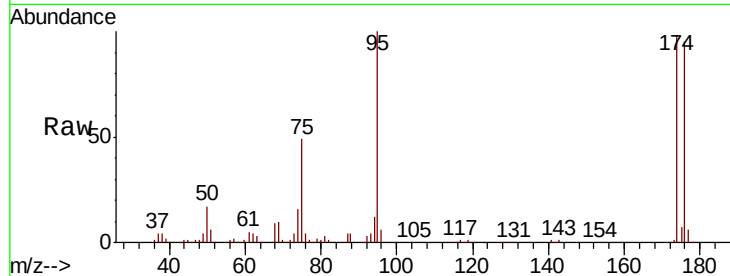




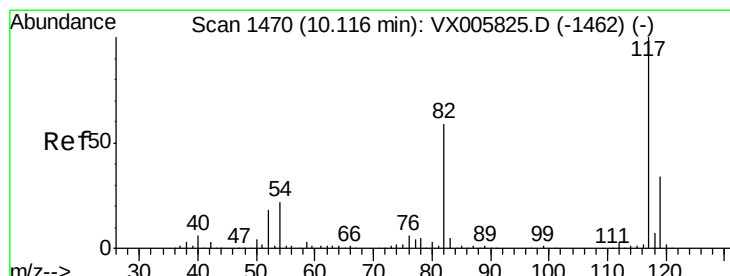
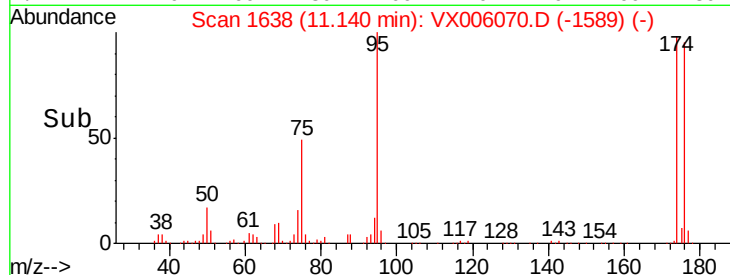
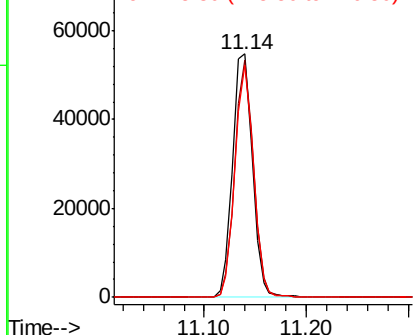
#62
4-Bromofluorobenzene
Concen: 45.887 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tot Ion: 95 Resp: 73683
Ion Ratio Lower Upper
95 100
174 90.9 0.0 184.4
176 88.9 0.0 177.4

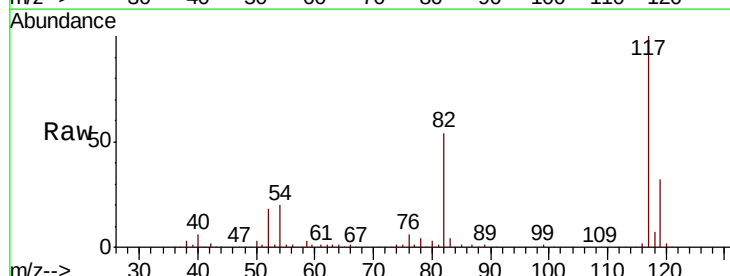


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

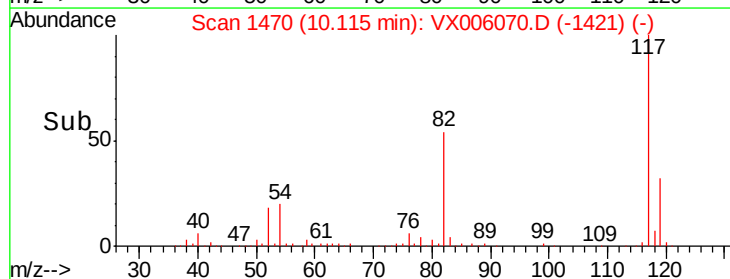
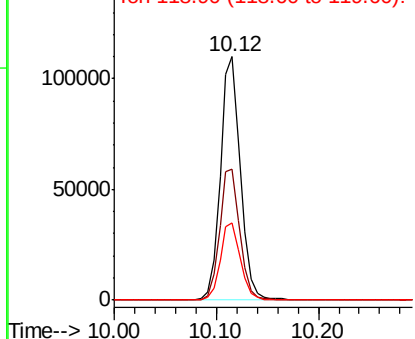


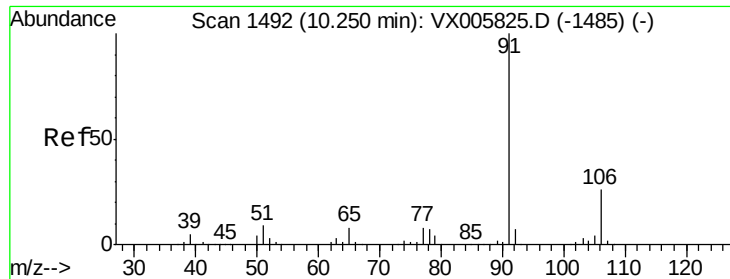
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion: 117 Resp: 150084
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 31.7 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 40.665 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

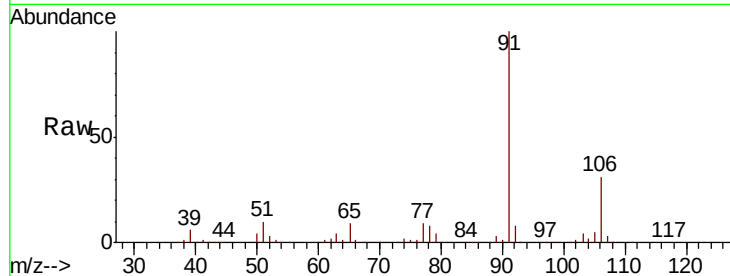
MW-2-111418DL

Tot Ion: 91 Resp: 196057

Ion Ratio Lower Upper

91 100

106 31.3 24.4 36.6

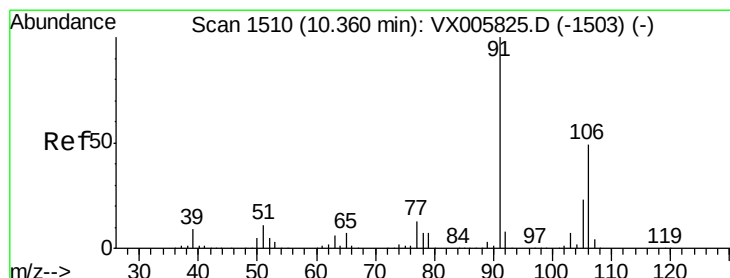
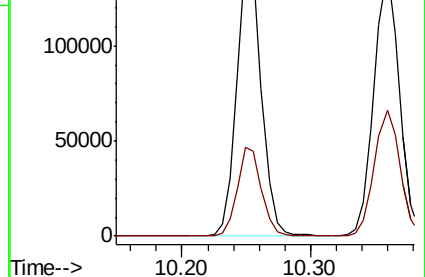
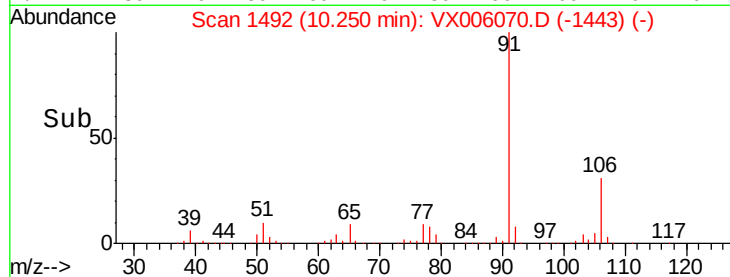


Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

10.25

10.30



#68

m/p-Xylenes

Concen: 49.856 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006070.D

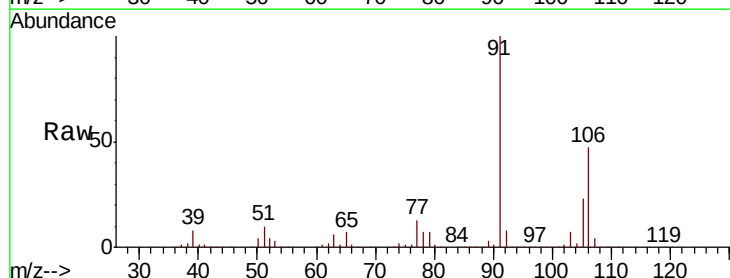
Acq: 17 Nov 2018 15:59

Tgt Ion: 106 Resp: 91686

Ion Ratio Lower Upper

106 100

91 205.4 164.2 246.4

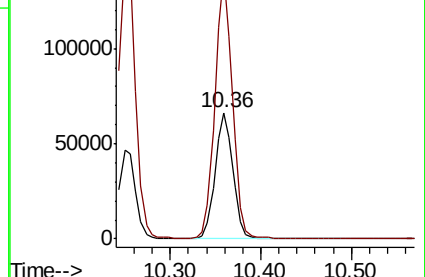
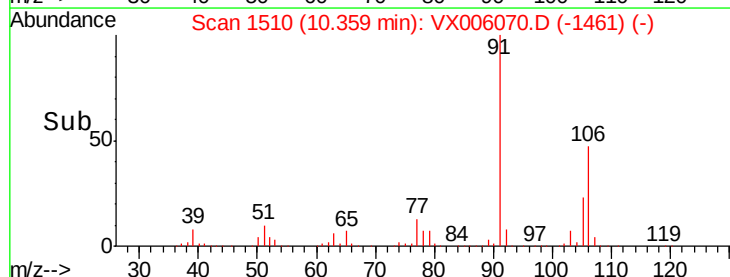


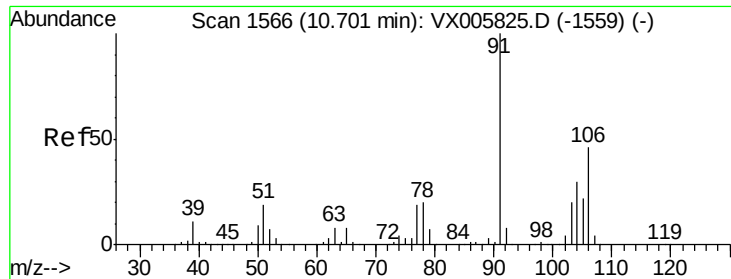
Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

10.36

10.40

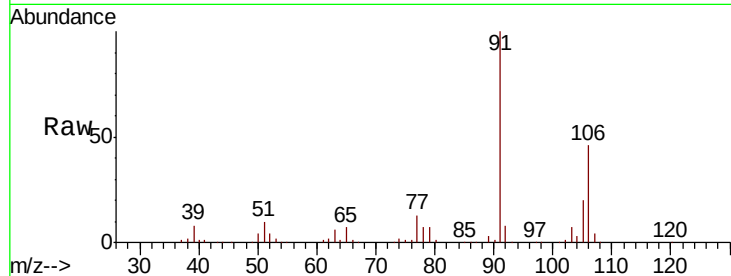




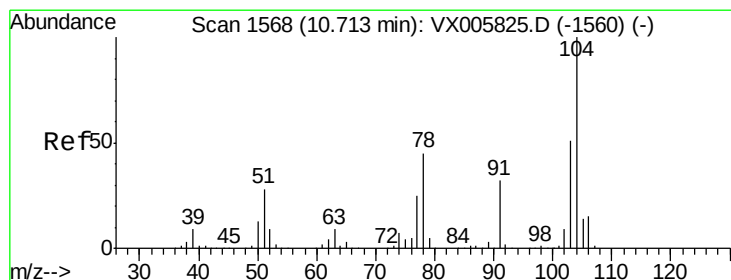
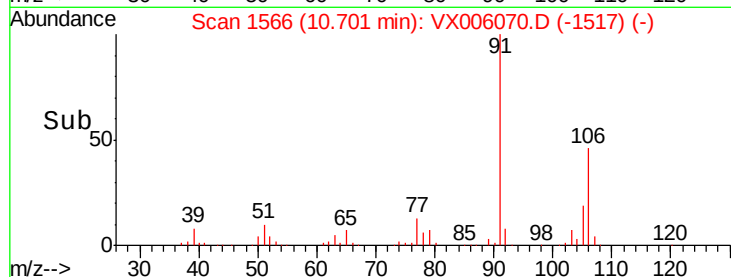
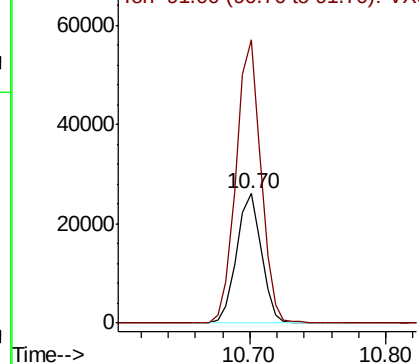
#69
o-Xylene
Concen: 20.178 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tot Ion:106 Resp: 33275
Ion Ratio Lower Upper
106 100
91 219.1 108.5 325.5

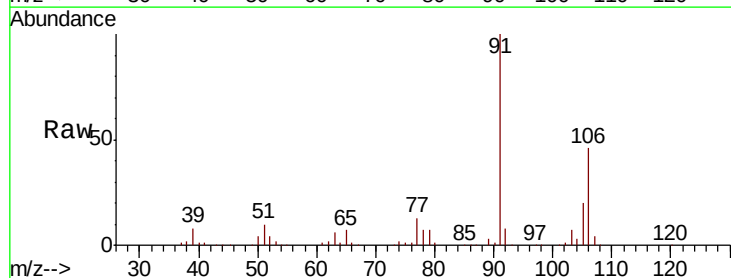


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

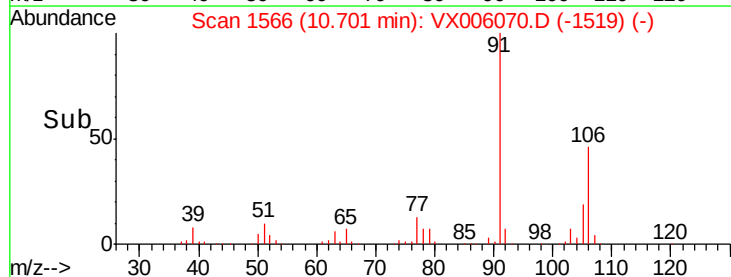
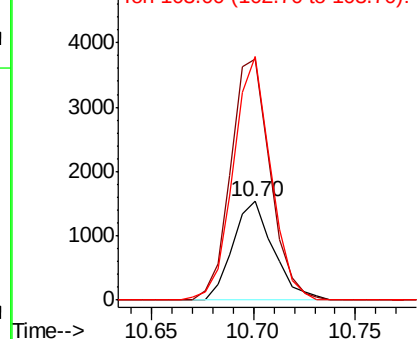


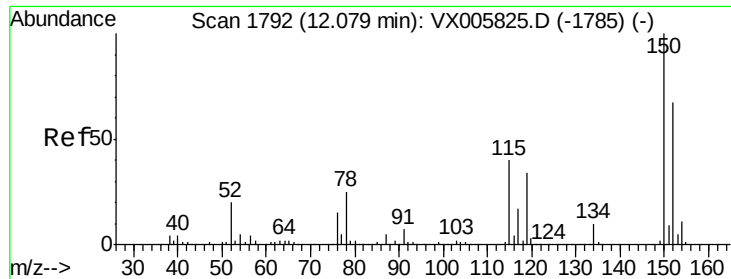
#70
Styrene
Concen: 0.775 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion:104 Resp: 2108
Ion Ratio Lower Upper
104 100
78 238.2 40.2 60.4#
103 228.4 44.9 67.3#



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



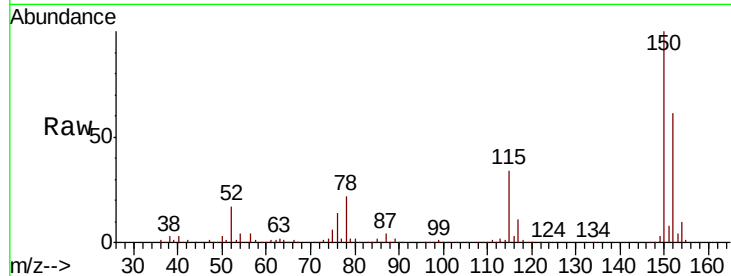


#72

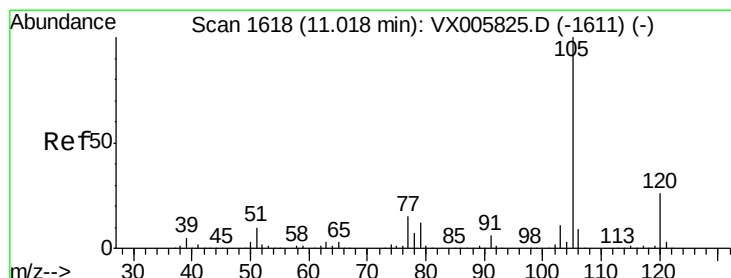
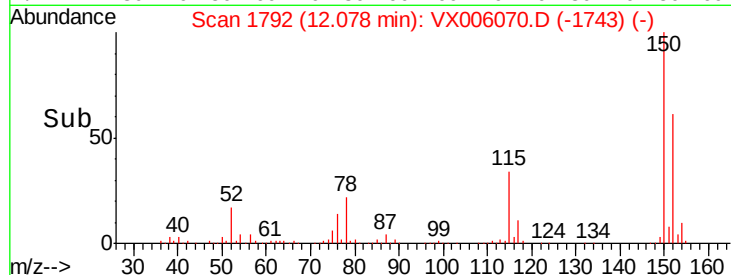
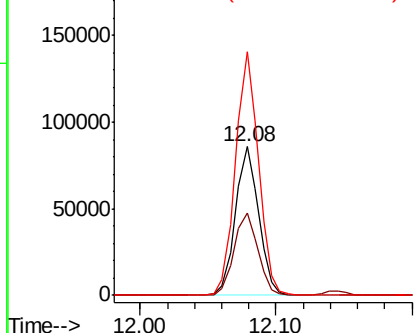
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tot Ion:152 Resp: 101775
Ion Ratio Lower Upper
152 100
115 56.7 39.4 118.1
150 161.8 0.0 346.4



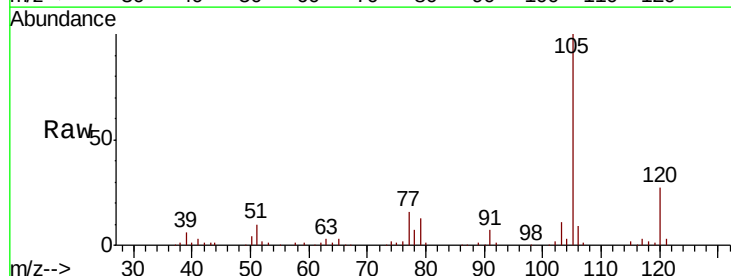
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



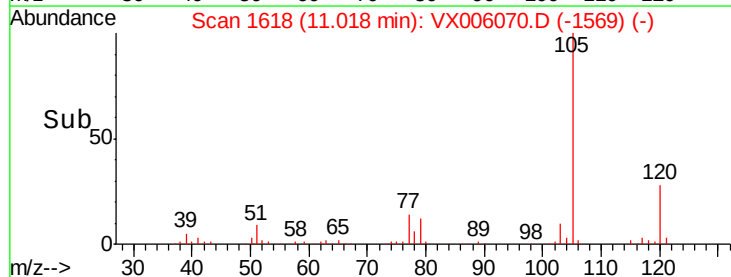
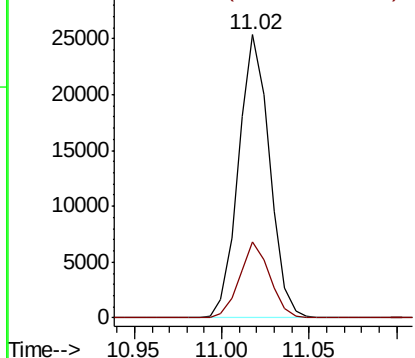
#73

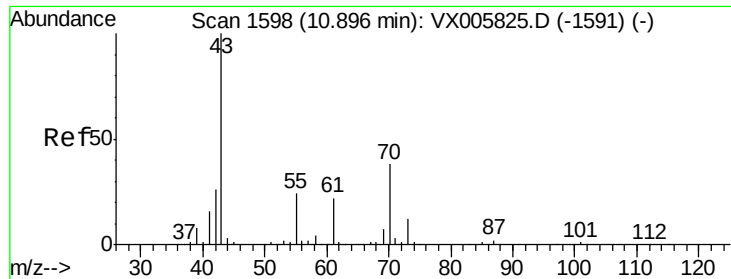
Isopropylbenzene
Concen: 5.315 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion:105 Resp: 31281
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



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





#74

N-amvl acetate

Concen: 1.264 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418DL

Tot Ion: 43 Resp: 44

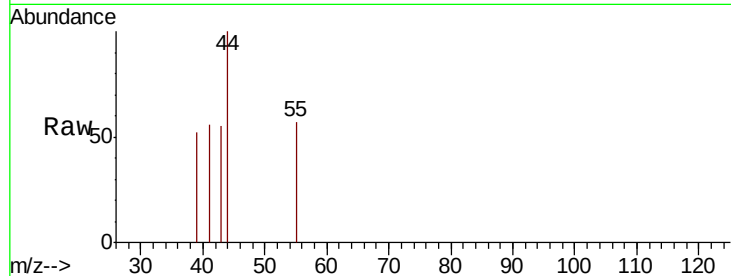
Ion Ratio Lower Upper

43 100

70 0.0 31.6 47.4#

55 347.7 19.7 29.5#

61 0.0 18.3 27.5#

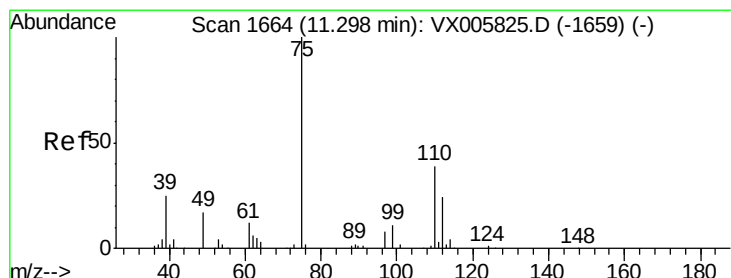
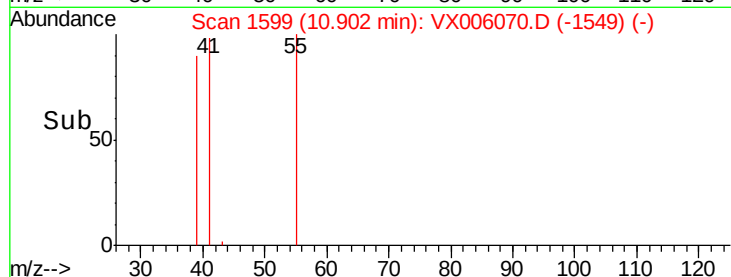
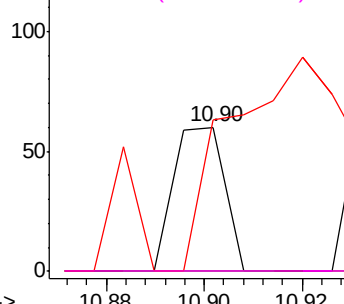


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 17.540 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006070.D

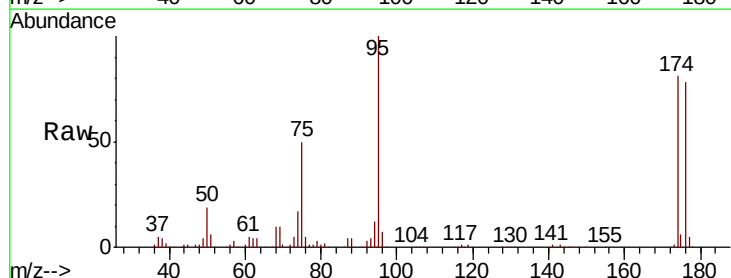
Acq: 17 Nov 2018 15:59

Tgt Ion: 75 Resp: 36350

Ion Ratio Lower Upper

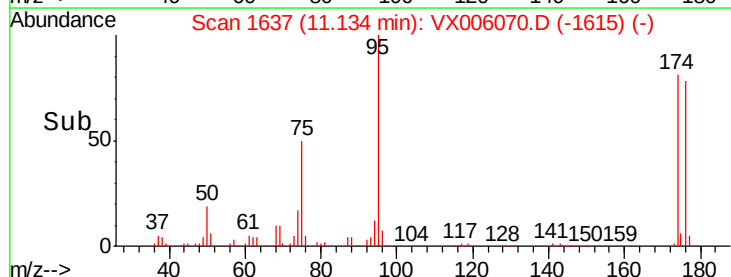
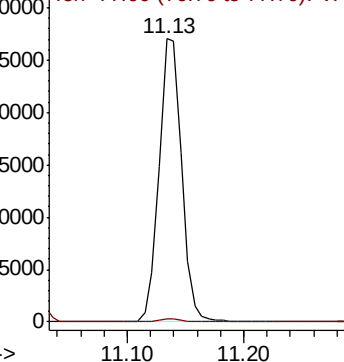
75 100

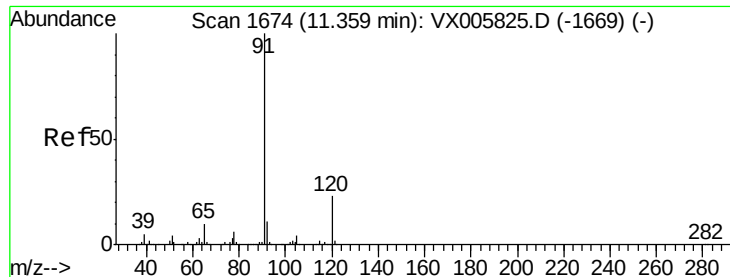
77 1.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 13.117 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

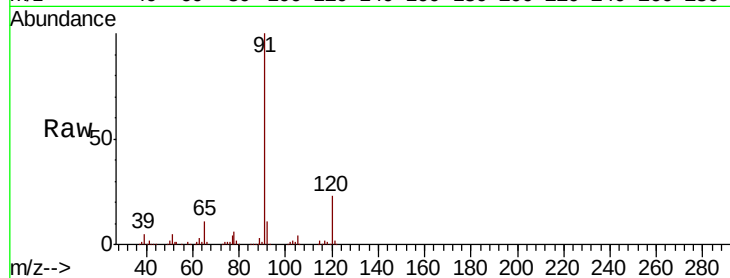
MW-2-111418DL

Tot Ion: 91 Resp: 90982

Ion Ratio Lower Upper

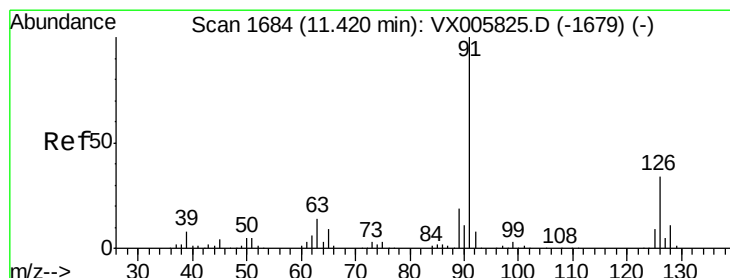
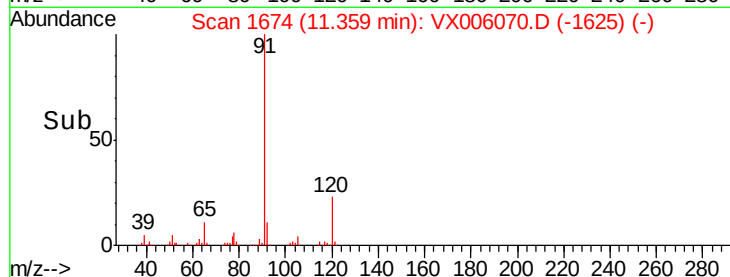
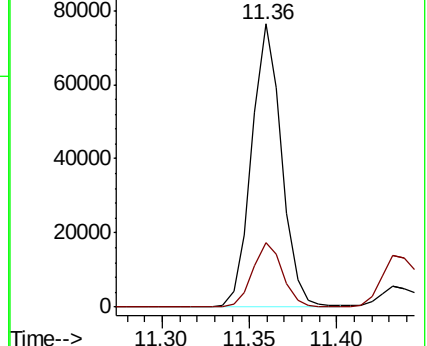
91 100

120 22.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.841 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006070.D

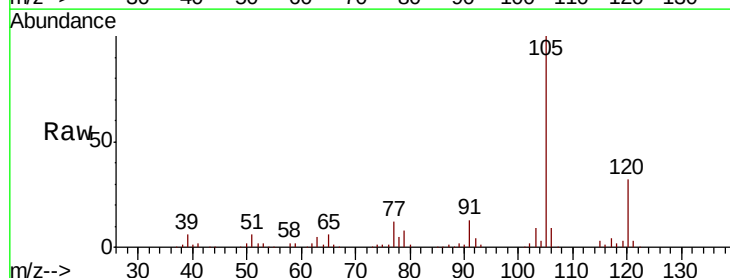
Acq: 17 Nov 2018 15:59

Tgt Ion: 91 Resp: 11912

Ion Ratio Lower Upper

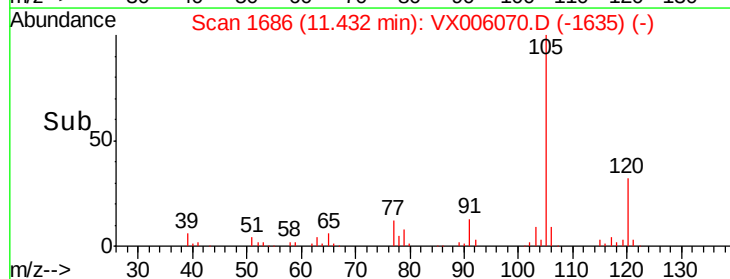
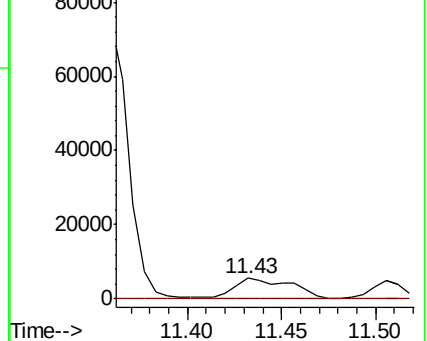
91 100

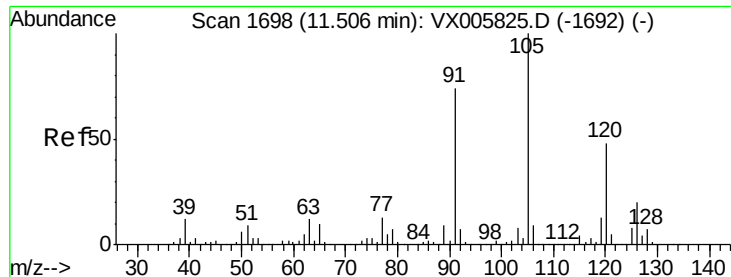
126 0.0 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 10.705 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

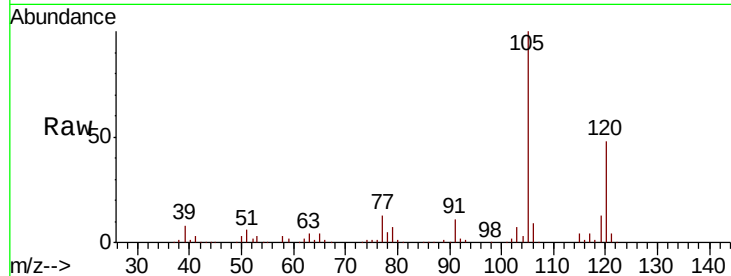
MW-2-111418DL

Tot Ion:105 Resp: 53542

Ion Ratio Lower Upper

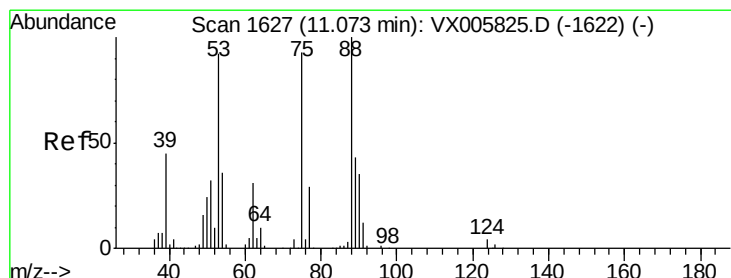
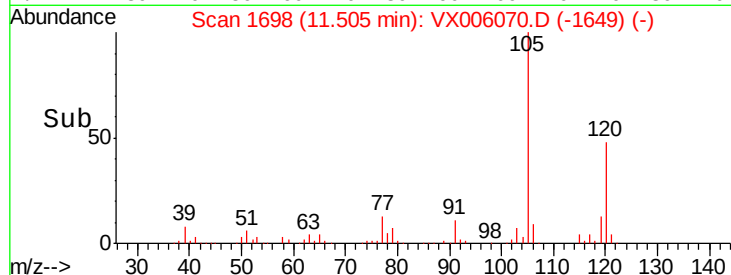
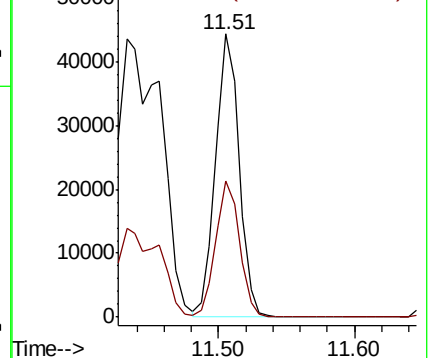
105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 55.904 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

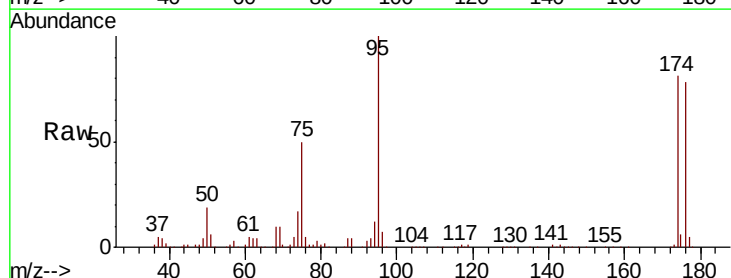
Tgt Ion: 75 Resp: 36350

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

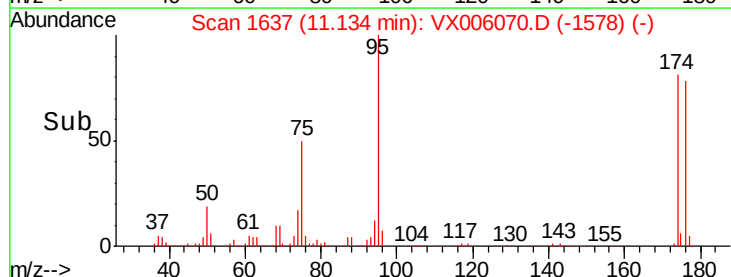
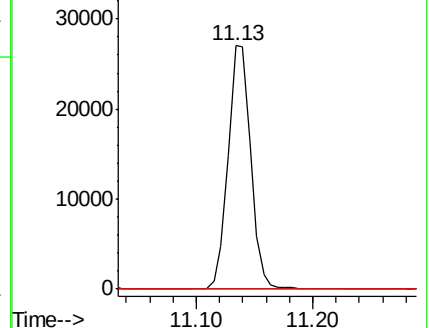
89 0.0 39.8 59.8#

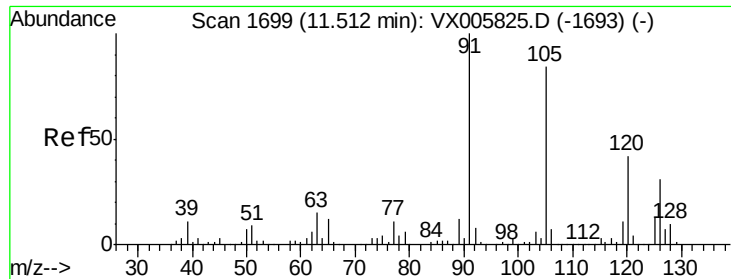


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

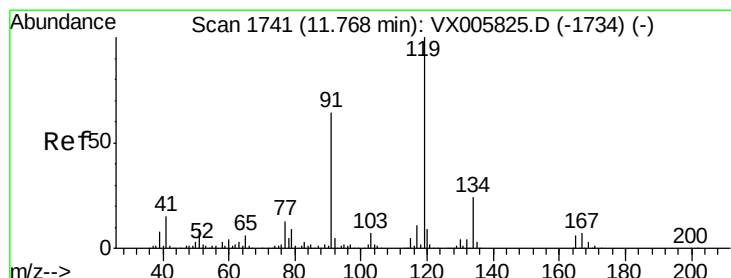
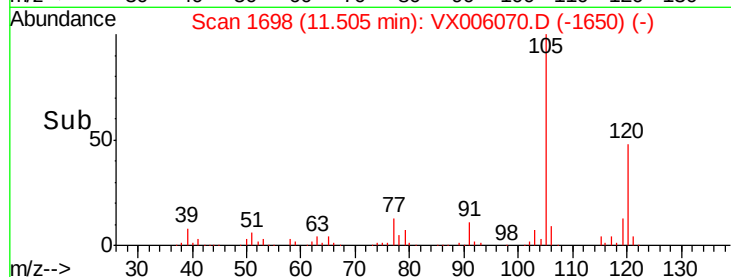
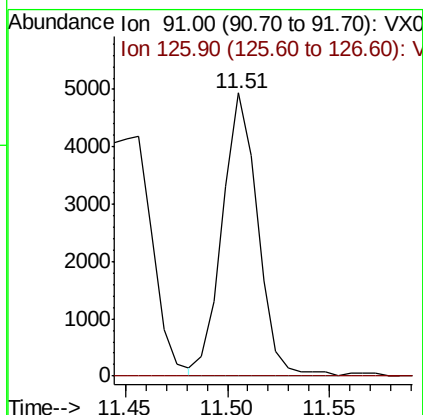
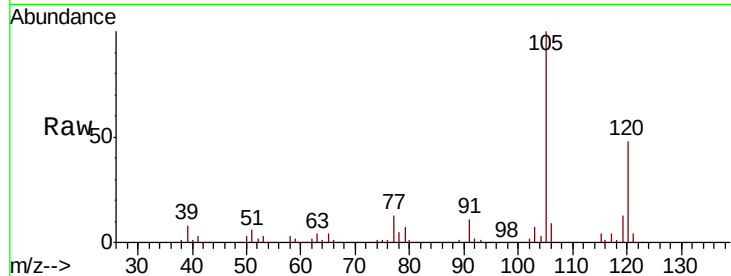




#82
4-Chlorotoluene
Concen: 1.199 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

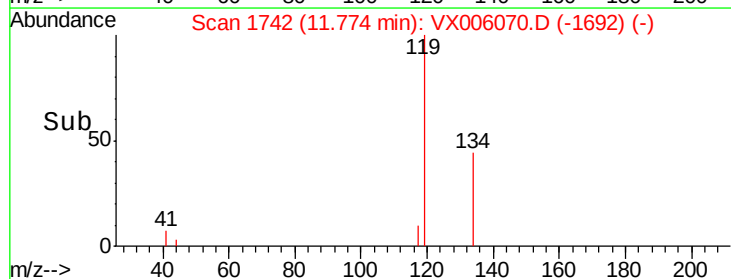
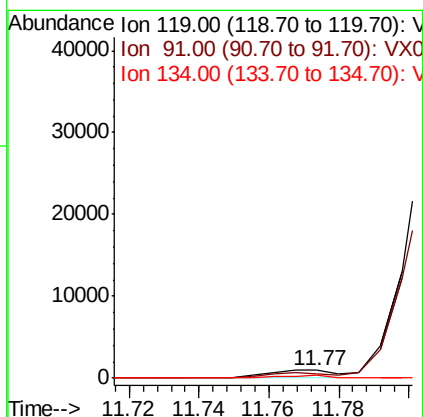
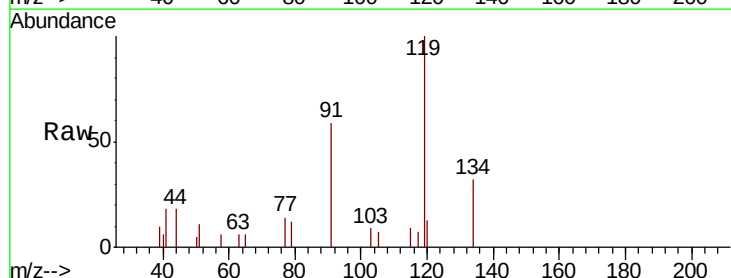
Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

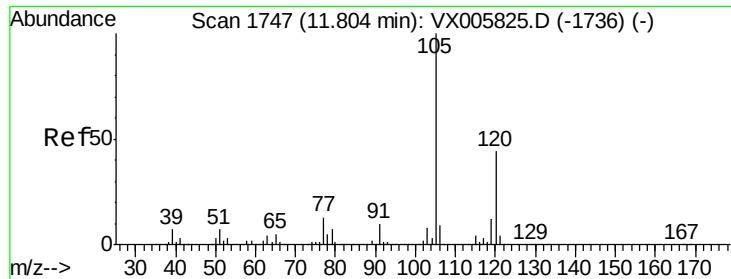
Tot Ion: 91 Resp: 5924
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.6#



#83
tert-Butylbenzene
Concen: 0.250 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion: 119 Resp: 1263
Ion Ratio Lower Upper
119 100
91 73.1 28.5 85.5
134 24.6 11.3 33.8

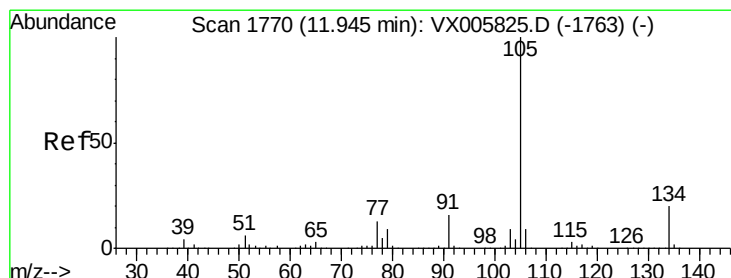
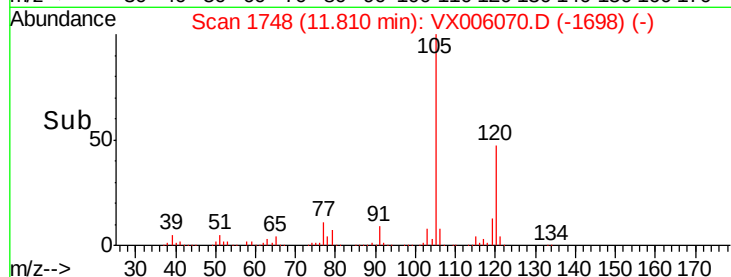
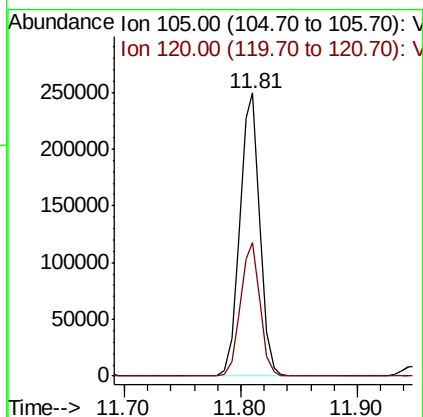
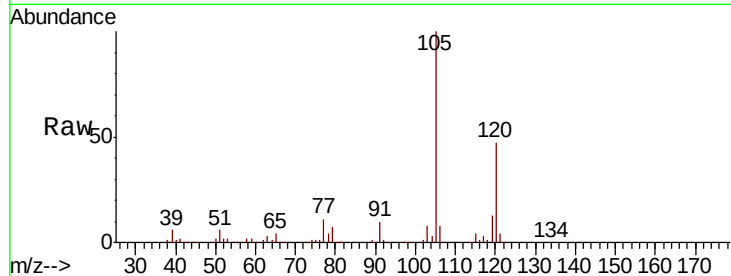




#84
 1,2,4-Trimethylbenzene
 Concen: 53.738 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

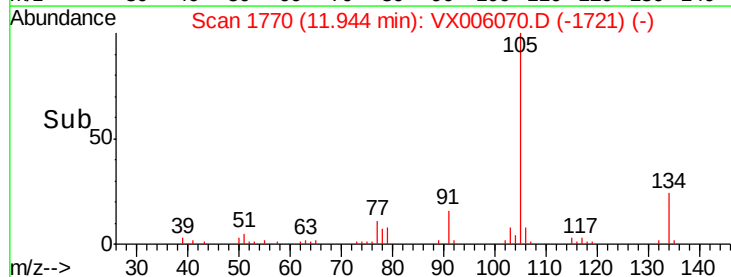
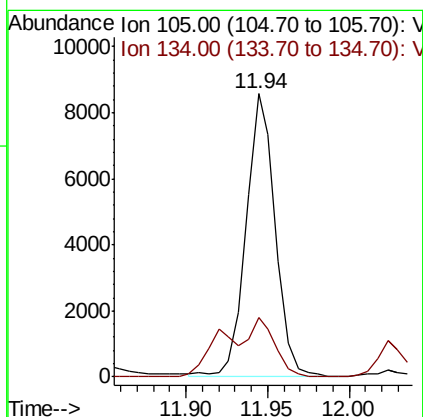
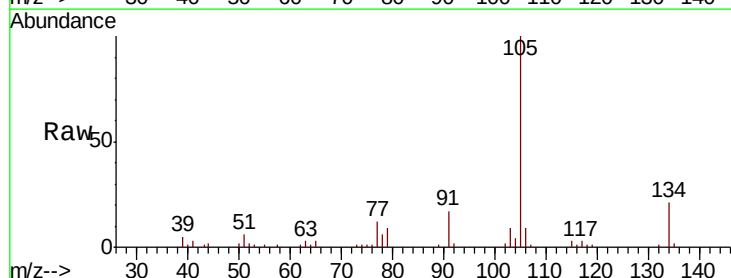
Instrument :
 MSVOA_X
 ClientSampleID :
 MW-2-111418DL

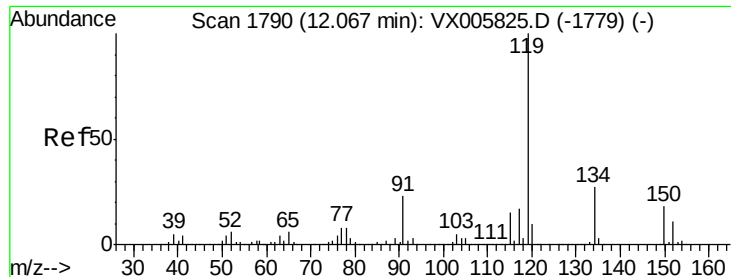
Tot Ion:105 Resp: 296563
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 1.729 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Tgt Ion:105 Resp: 10700
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.2 30.4

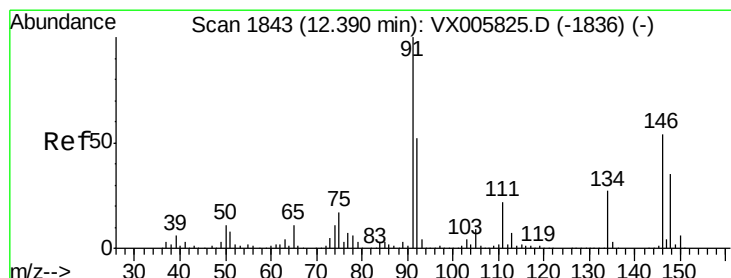
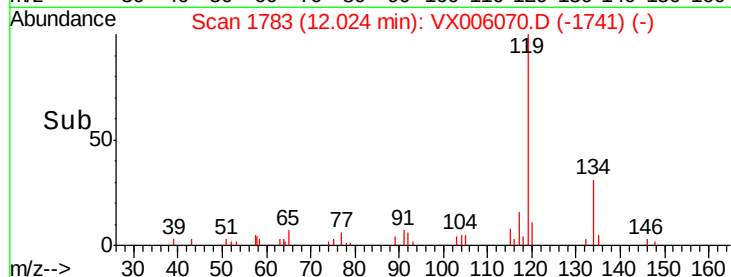
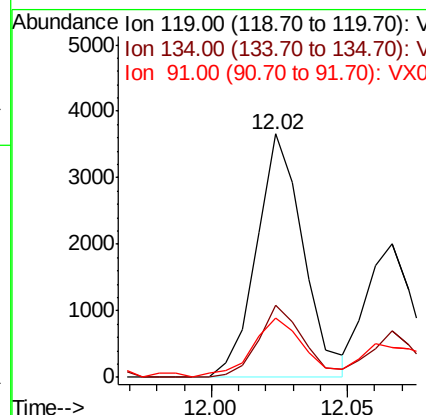
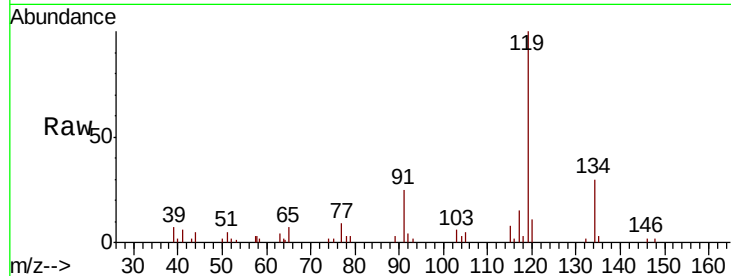




#86
 p-Isopropyltoluene
 Concen: 0.796 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

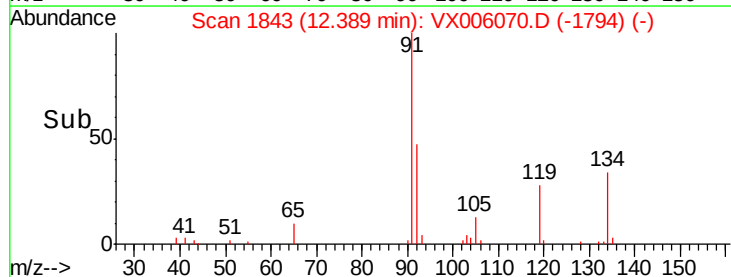
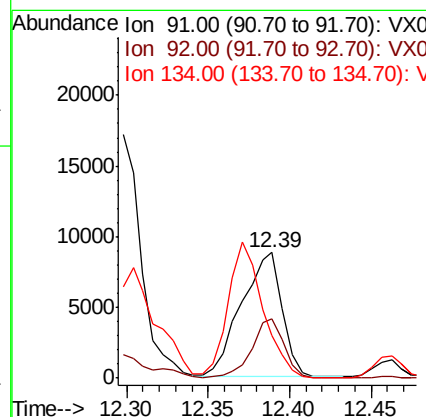
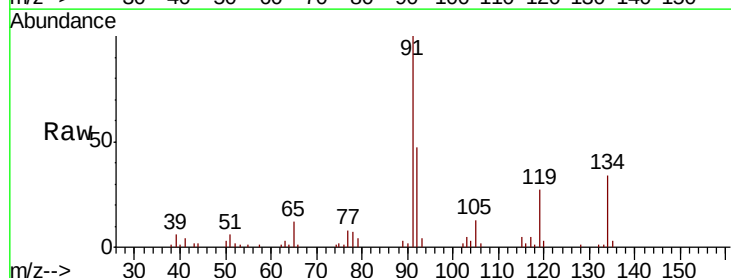
Instrument :
 MSVOA_X
 ClientSampleID :
 MW-2-111418DL

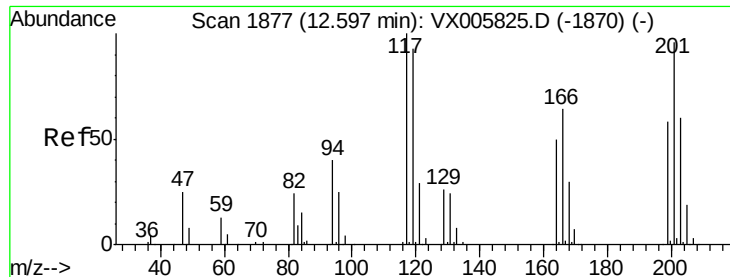
Tot Ion:119 Resp: 4363
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.0 39.0
 91 27.1 11.4 34.2



#89
 n-Butylbenzene
 Concen: 3.026 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Tgt Ion: 91 Resp: 15371
 Ion Ratio Lower Upper
 91 100
 92 37.9 26.1 78.2
 134 93.2 13.1 39.3#





#90

Hexachloroethane

Concen: 3.893 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

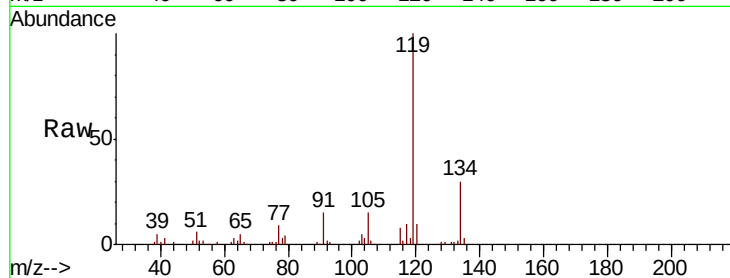
MW-2-111418DL

Tot Ion:117 Resp: 3562

Ion Ratio Lower Upper

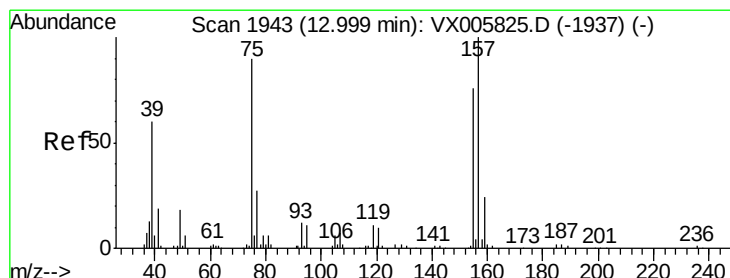
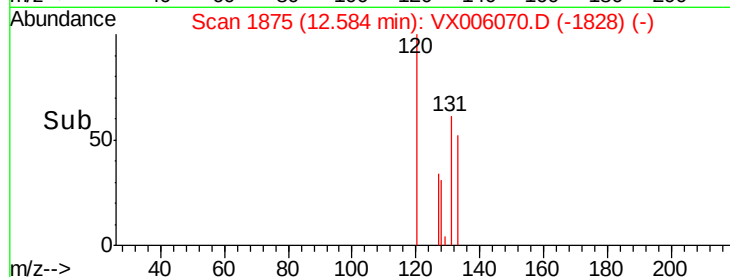
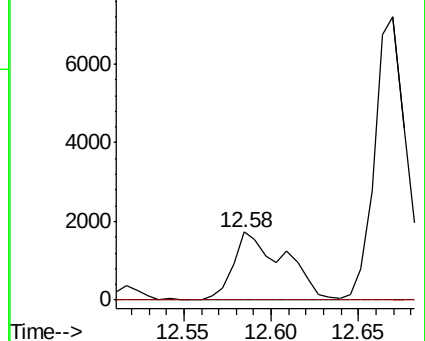
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.433 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

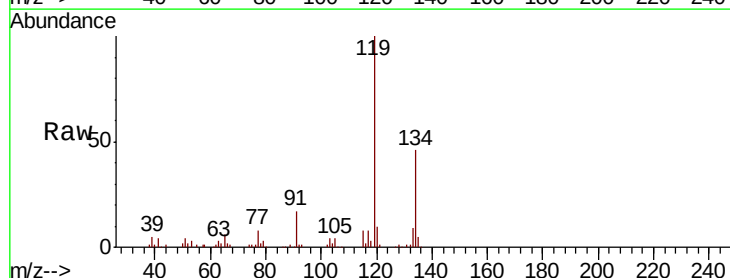
Tgt Ion: 75 Resp: 228

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

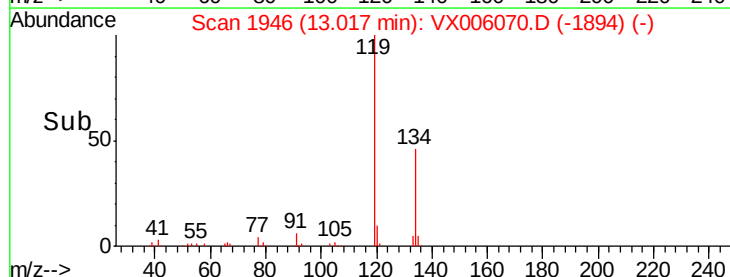
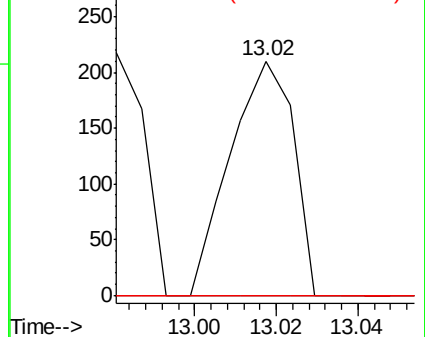
157 0.0 57.4 172.0#

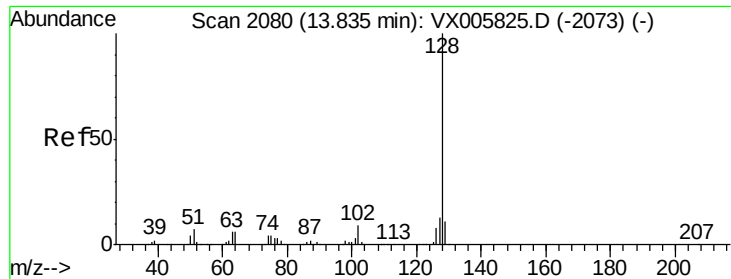


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 21.669 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.2	8.7	13.1

