

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002658.D
 Acq On : 16 Jun 2018 20:18
 Operator : JC/MD
 Sample : J3467-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02-061118

Quant Time: Jun 18 01:40:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	294352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152607	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	138844	43.89	ug/l	0.00
Spiked Amount			Recovery	=	87.78%	
35) Dibromofluoromethane	5.51	113	109161	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
50) Toluene-d8	8.72	98	424106	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.14	95	148394	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	1711	0.651	ug/l #	56
5) Bromomethane	1.66	94	1544	0.938	ug/l	97
10) Methyl Iodide	2.52	142	1782	5.659	ug/l	98
11) Tert butyl alcohol	3.07	59	967	1.479	ug/l #	73
13) Acrolein	2.26	56	454	8.304	ug/l #	1
15) Acrylonitrile	3.17	53	1409	0.987	ug/l #	57
16) Acetone	2.45	43	8078	5.787	ug/l	92
17) Carbon Disulfide	2.57	76	2132	0.386	ug/l #	89
18) Methyl Acetate	2.84	43	13659	3.673	ug/l #	56
20) Methylene Chloride	2.85	84	1190	0.416	ug/l #	82
25) 2-Butanone	4.72	43	1287	0.702	ug/l	99
30) Chloroform	5.27	83	3757	0.859	ug/l #	19
31) Cyclohexane	5.58	56	9963	2.668	ug/l #	93
36) 1,1-Dichloropropene	5.67	75	14712	4.706	ug/l #	49
38) Carbon Tetrachloride	5.67	117	18350	5.895	ug/l #	16
39) Methylcyclohexane	7.46	83	15052	4.119	ug/l	92
40) Benzene	6.15	78	5475	0.584	ug/l	92
41) Methacrylonitrile	5.06	41	1016	0.509	ug/l #	30
48) Methyl methacrylate	7.74	41	2499	0.834	ug/l #	69
52) Toluene	8.79	92	2307	0.386	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	31	2.401	ug/l #	43
54) cis-1,3-Dichloropropene	9.06	75	41	3.223	ug/l #	1
55) 1,1,2-Trichloroethane	9.17	97	3941	1.631	ug/l #	17
56) Ethyl methacrylate	9.17	69	859	0.231	ug/l #	1
59) 2-Hexanone	9.52	43	1477	0.521	ug/l	94
60) Dibromochloromethane	9.37	129	28	3.770	ug/l #	11
67) Ethyl Benzene	10.26	91	11150	0.996	ug/l	100
68) m/p-Xylenes	10.37	106	896	0.207	ug/l	84
73) Isopropylbenzene	11.02	105	395731	38.772	ug/l	100
76) 1,2,3-Trichloropropane	11.14	75	80192	27.848	ug/l #	31
78) n-propylbenzene	11.37	91	177861	15.195	ug/l	100
79) 2-Chlorotoluene	11.37	91	177861	25.450	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.67	105	13795	1.599	ug/l	74
81) trans-1,4-Dichloro-2-buten	11.02	75	5024	9.299	ug/l #	72

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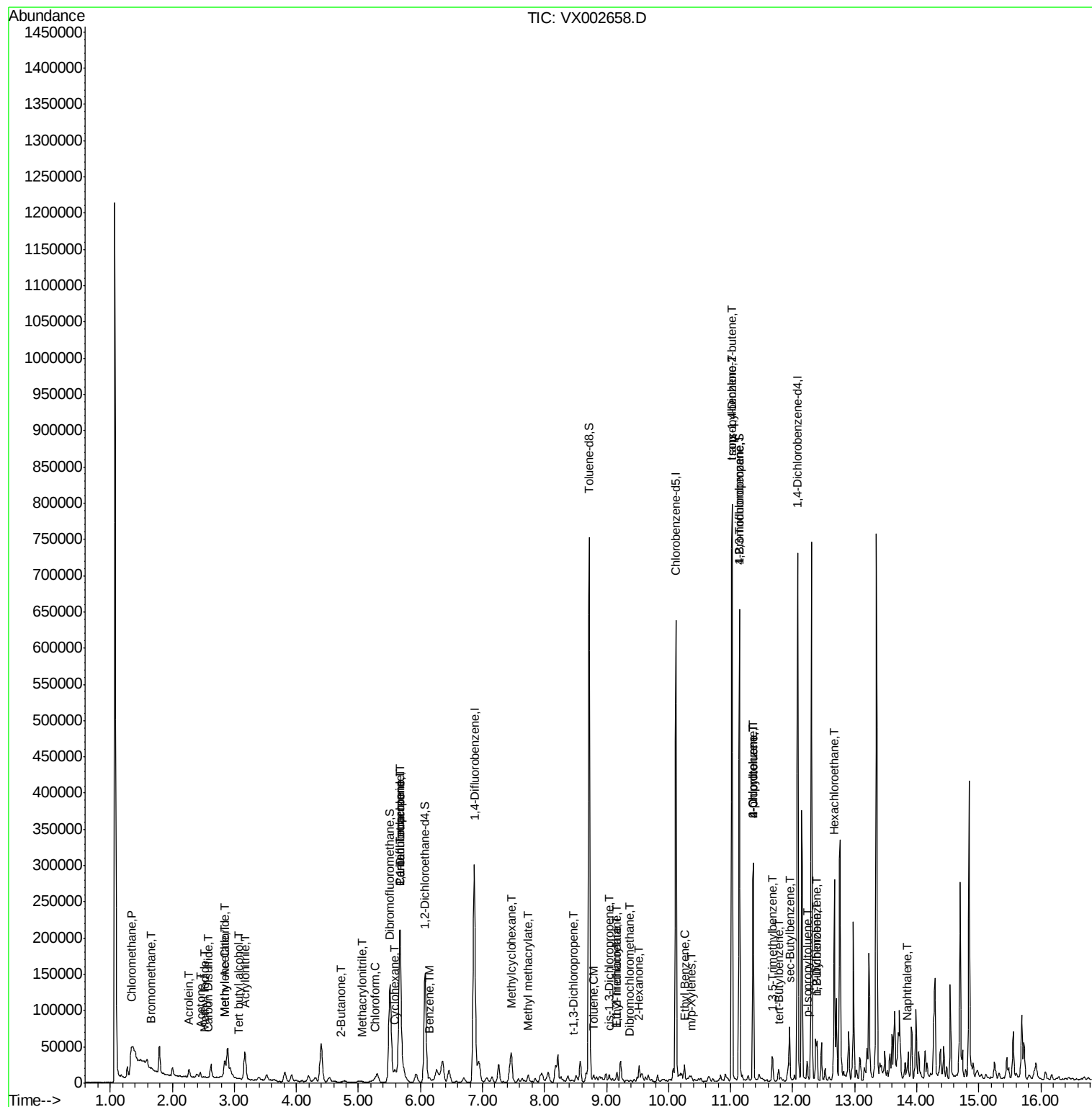
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.37	91	177861	21.568	ug/l #	44
83) tert-Butylbenzene	11.77	119	5585	0.672	ug/l	87
85) sec-Butylbenzene	11.95	105	34968	3.384	ug/l	83
86) p-Isopropyltoluene	12.24	119	11340	1.213	ug/l	98
89) n-Butylbenzene	12.39	91	20733	2.514	ug/l #	79
90) Hexachloroethane	12.67	117	13080	11.129	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	1688	0.322	ug/l #	85
95) Naphthalene	13.84	128	2353	0.230	ug/l #	54

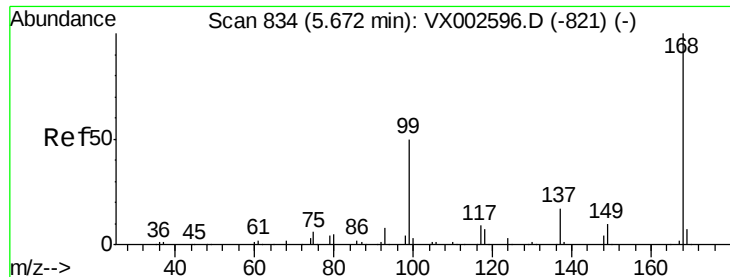
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

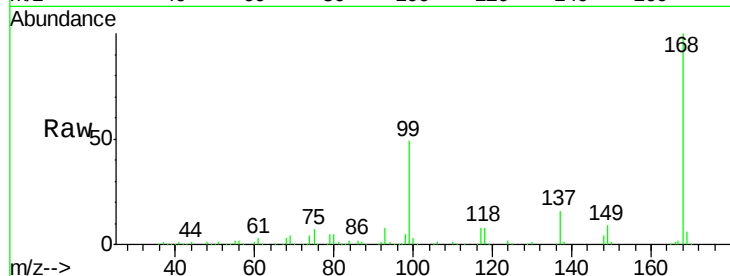
PR-MW-02-061118

Tot Ion:168 Resp: 208194

Ion Ratio Lower Upper

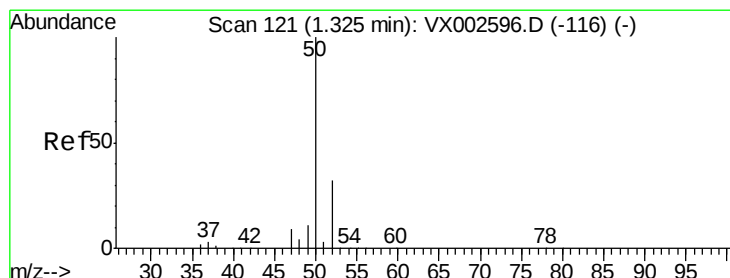
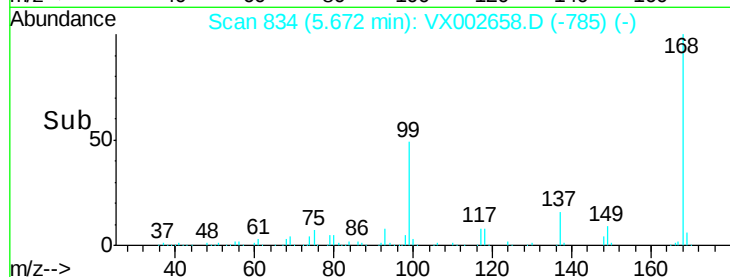
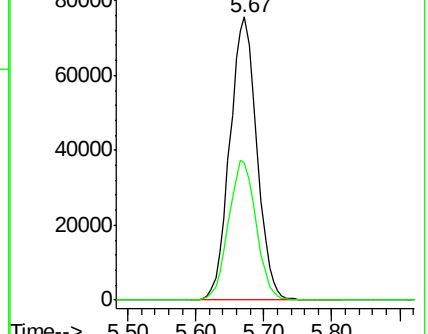
168 100

99 48.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.651 ug/l

RT: 1.34 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX002658.D

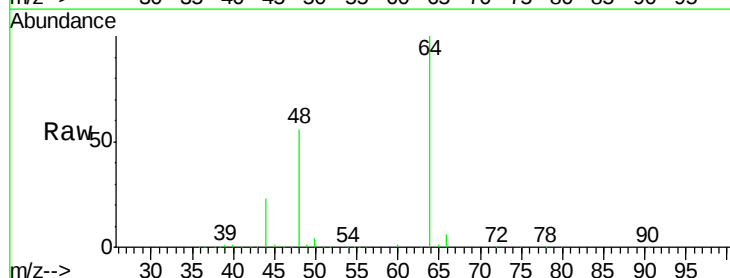
Acq: 16 Jun 2018 20:18

Tgt Ion: 50 Resp: 1711

Ion Ratio Lower Upper

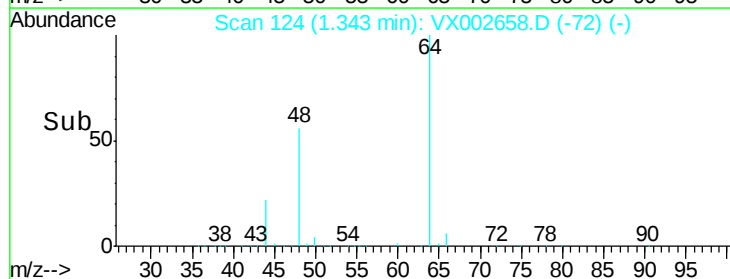
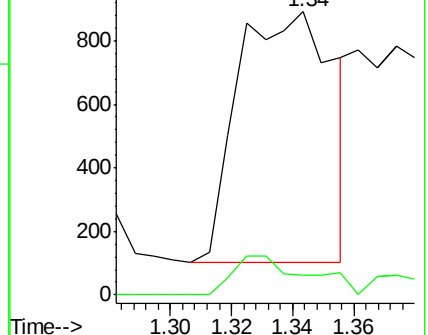
50 100

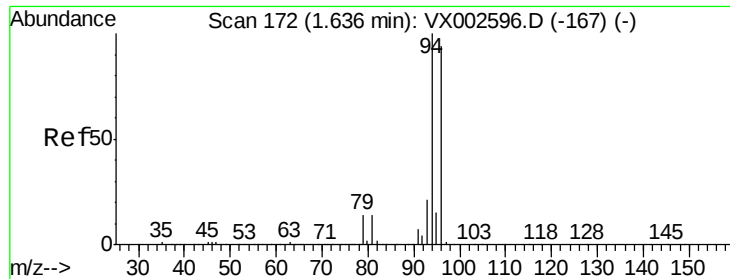
52 7.6 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.938 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

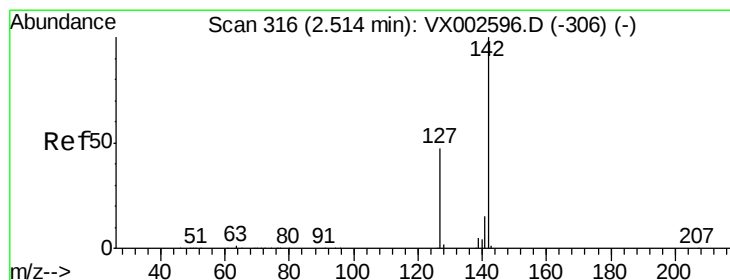
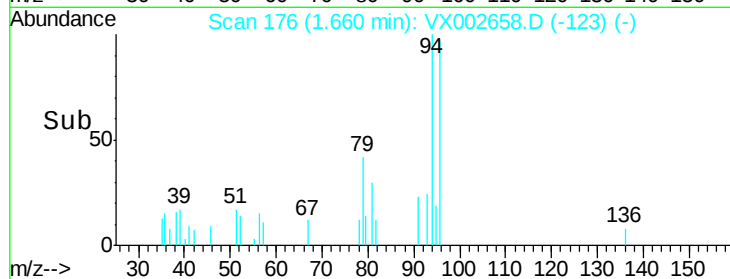
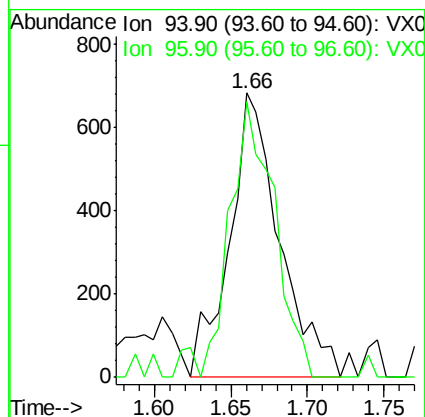
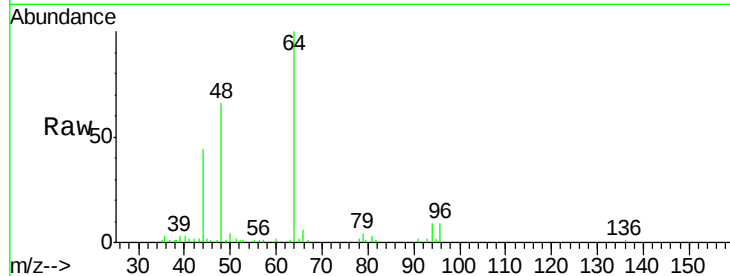
PR-MW-02-061118

Tot Ion: 94 Resp: 1544

Ion Ratio Lower Upper

94 100

96 96.8 74.9 112.3



#10

Methyl Iodide

Concen: 5.659 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

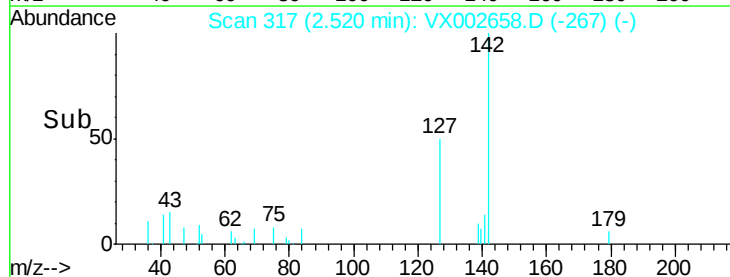
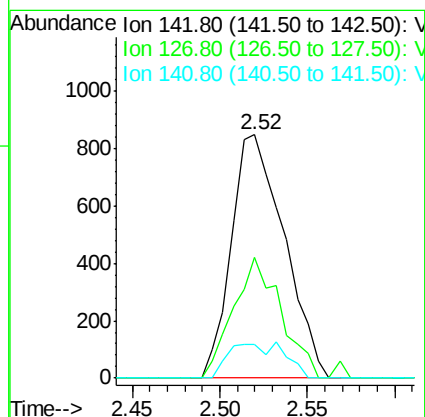
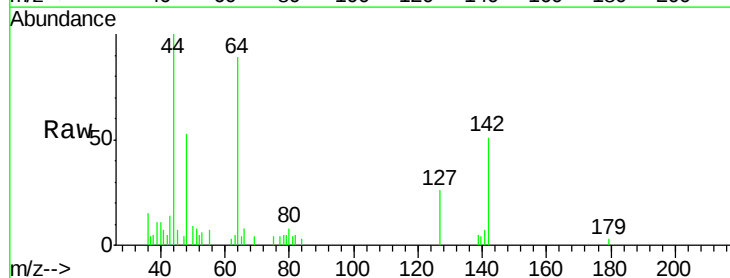
Tgt Ion:142 Resp: 1782

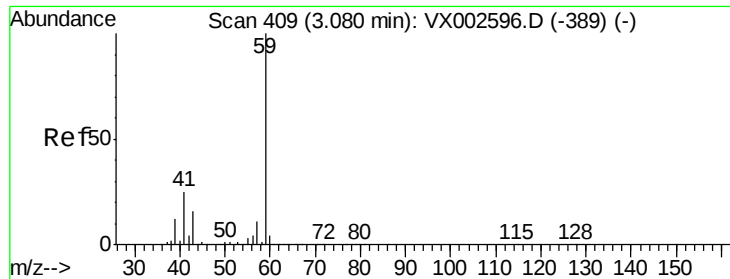
Ion Ratio Lower Upper

142 100

127 44.8 36.6 55.0

141 15.2 11.3 16.9



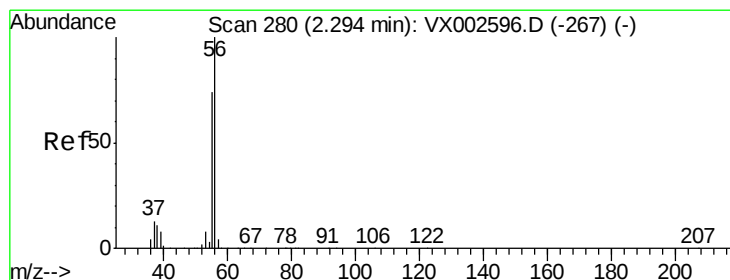
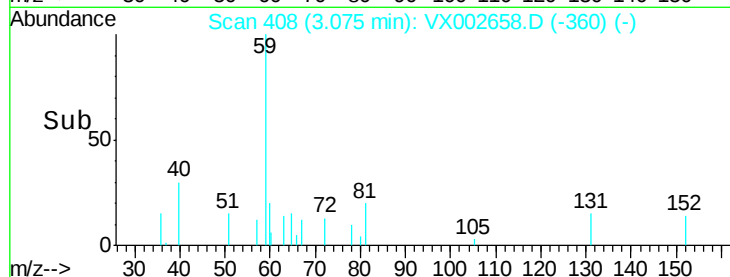
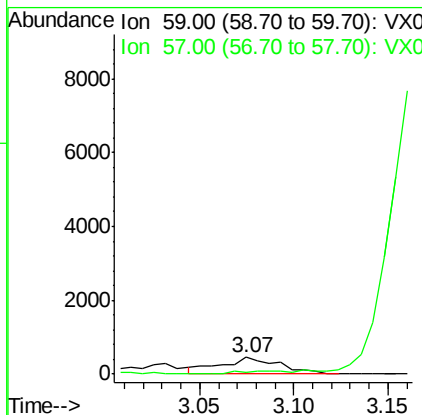
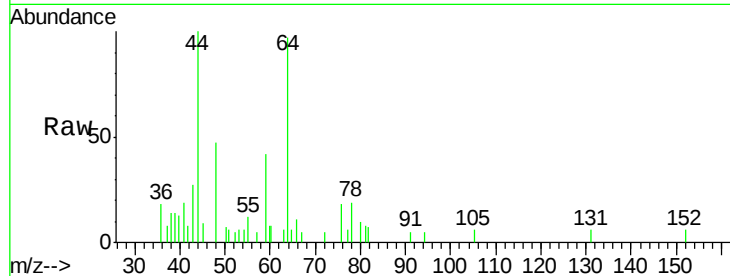


#11

Tert butyl alcohol
 Concen: 1.479 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002658.D
 Acq: 16 Jun 2018 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02-061118

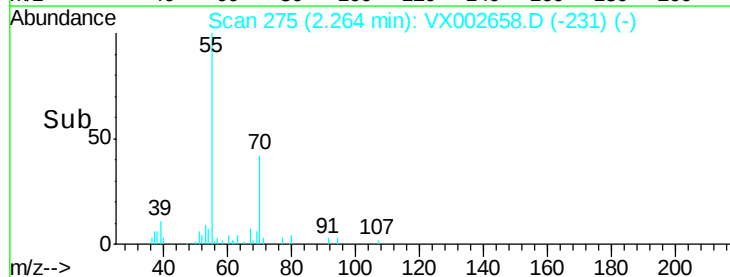
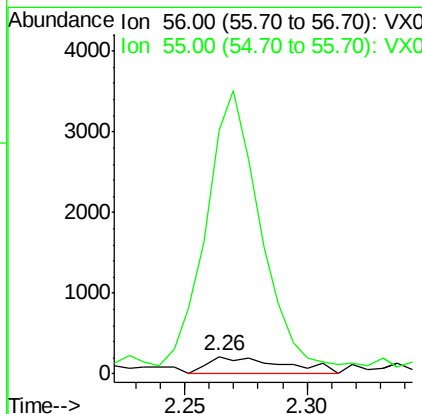
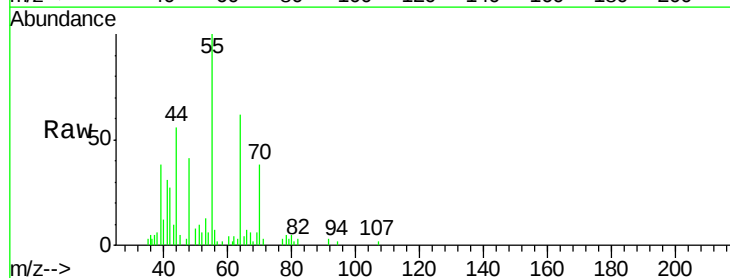
Tot Ion: 59 Resp: 967
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

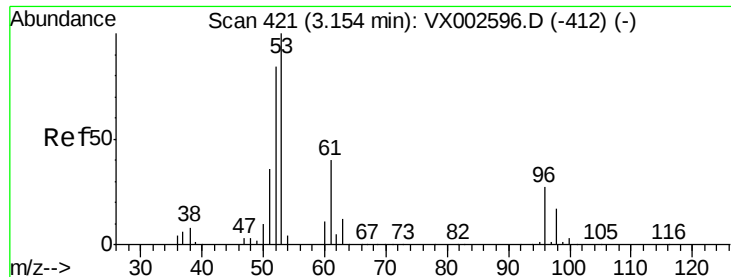


#13

Acrolein
 Concen: 8.304 ug/l
 RT: 2.26 min Scan# 275
 Delta R.T. -0.03 min
 Lab File: VX002658.D
 Acq: 16 Jun 2018 20:18

Tgt Ion: 56 Resp: 454
 Ion Ratio Lower Upper
 56 100
 55 1131.1 57.0 85.4#





#15

Acrylonitrile

Concen: 0.987 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02-061118

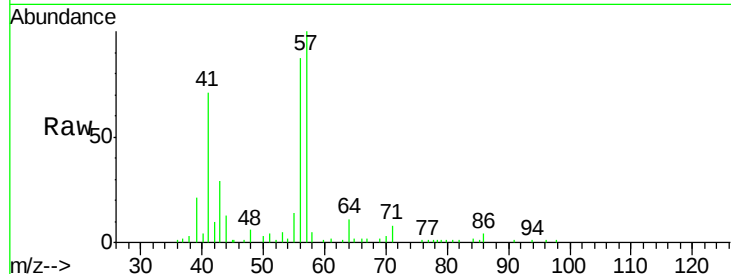
Tot Ion: 53 Resp: 1409

Ion Ratio Lower Upper

53 100

52 40.0 66.7 100.1#

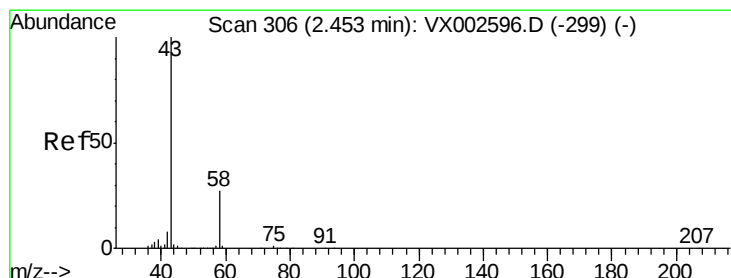
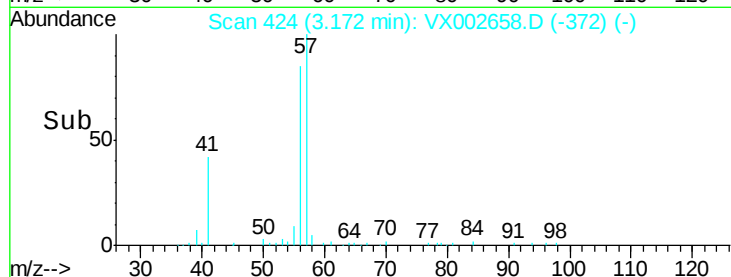
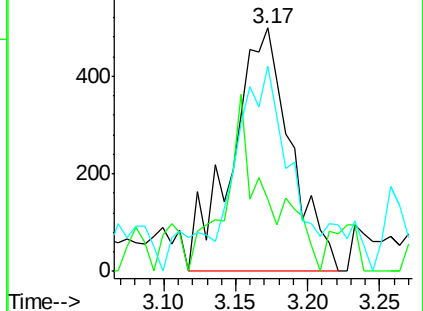
51 56.4 29.9 44.9#



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: 5.787 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002658.D

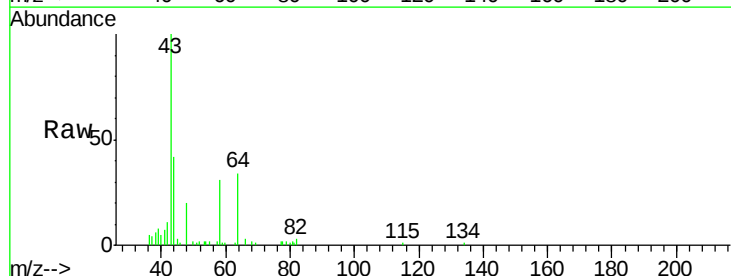
Acq: 16 Jun 2018 20:18

Tgt Ion: 43 Resp: 8078

Ion Ratio Lower Upper

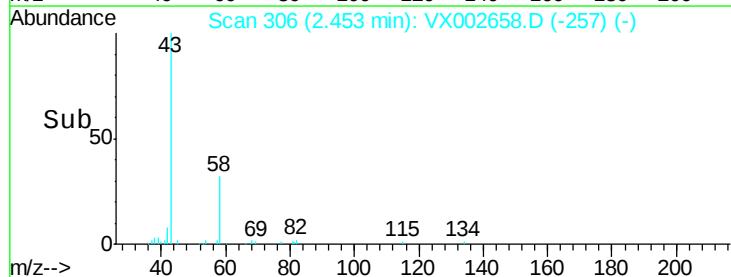
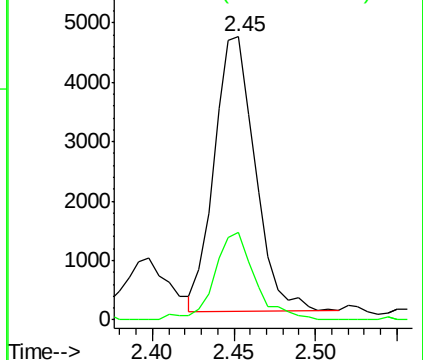
43 100

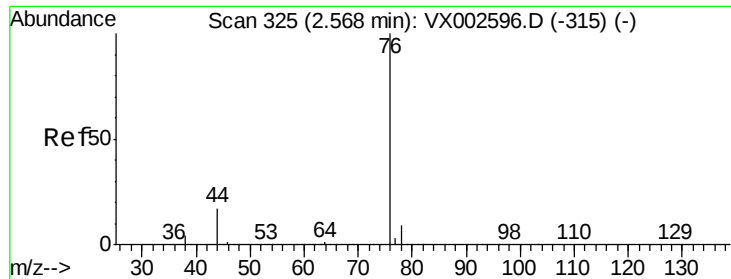
58 31.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

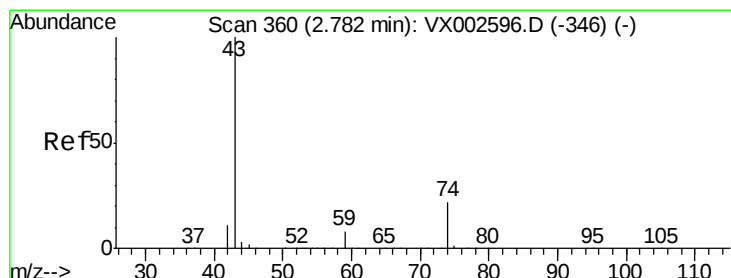
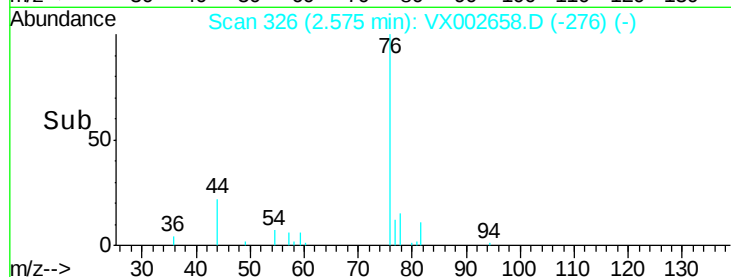
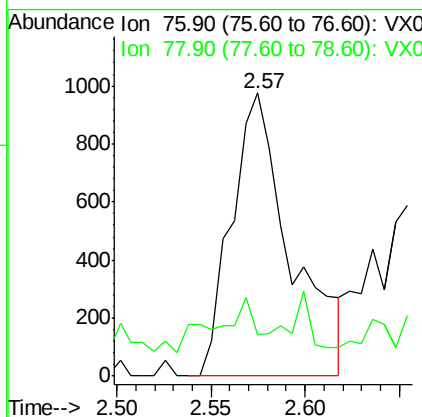
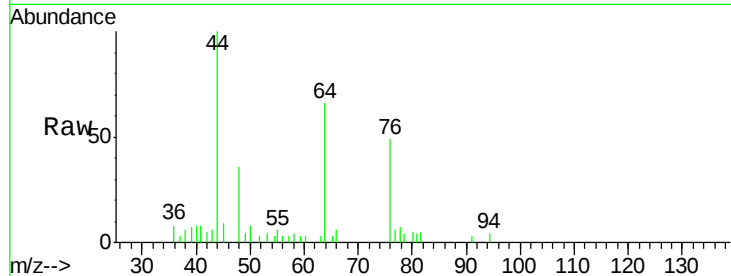




#17
Carbon Disulfide
Concen: 0.386 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

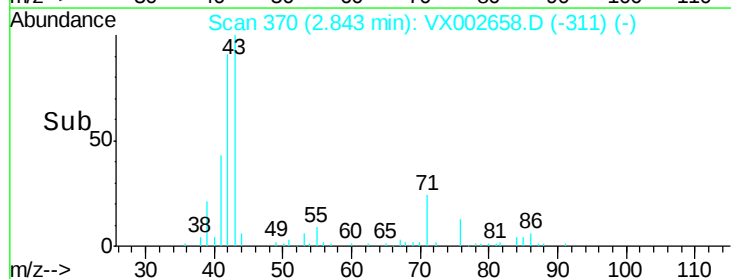
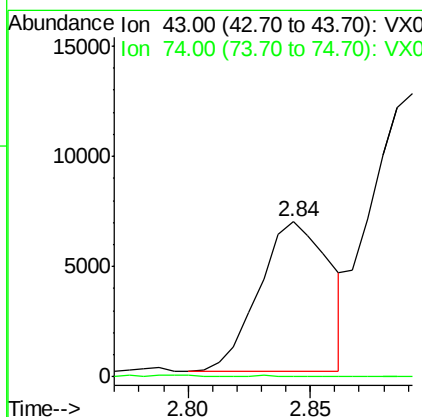
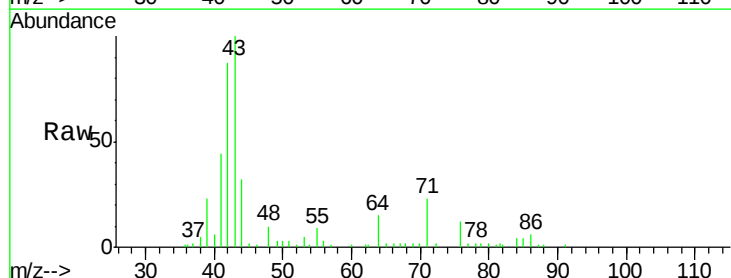
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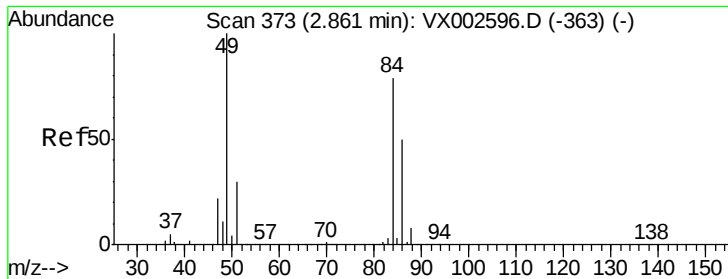
Tot Ion: 76 Resp: 2132
Ion Ratio Lower Upper
76 100
78 12.6 6.9 10.3#



#18
Methyl Acetate
Concen: 3.673 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion: 43 Resp: 13659
Ion Ratio Lower Upper
43 100
74 0.2 16.7 25.1#





#20

Methylene Chloride

Concen: 0.416 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02-061118

Tot Ion: 84 Resp: 1190

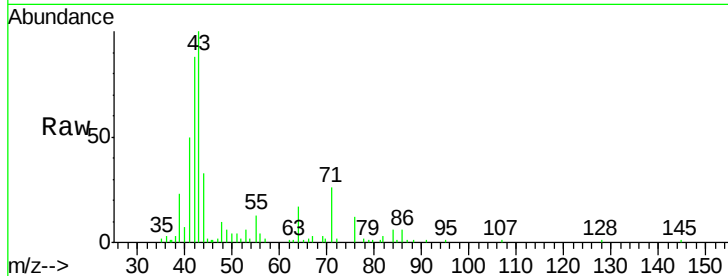
Ion Ratio Lower Upper

84 100

49 110.5 107.8 161.6

51 49.4 32.8 49.2#

86 77.6 52.5 78.7

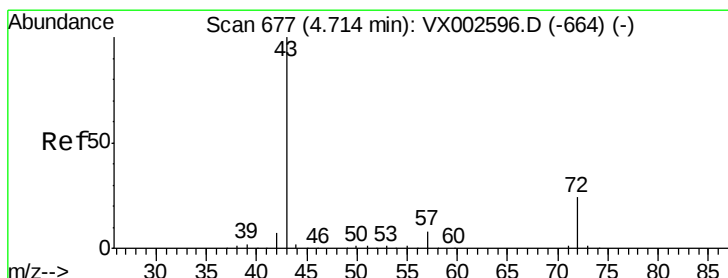
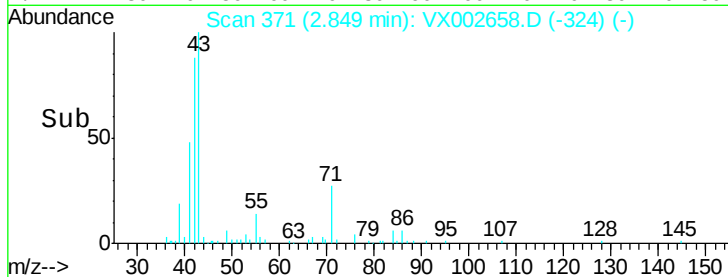
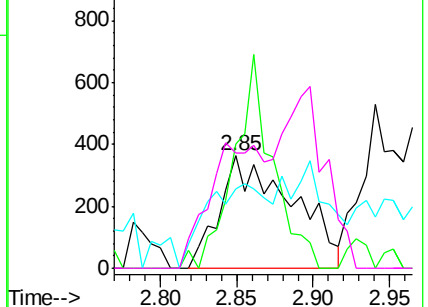


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.702 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002658.D

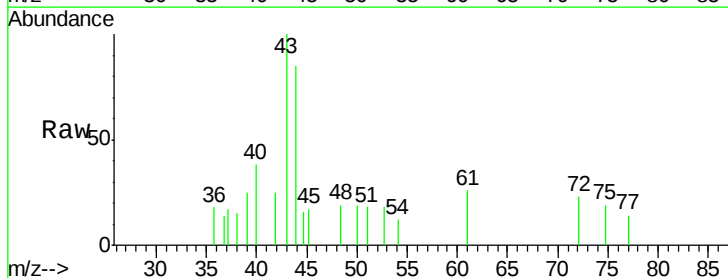
Acq: 16 Jun 2018 20:18

Tgt Ion: 43 Resp: 1287

Ion Ratio Lower Upper

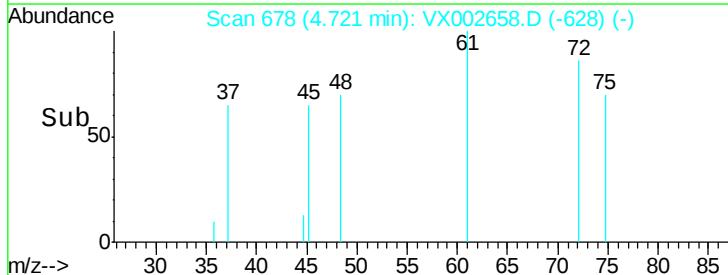
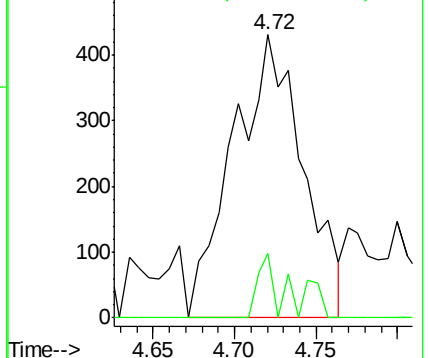
43 100

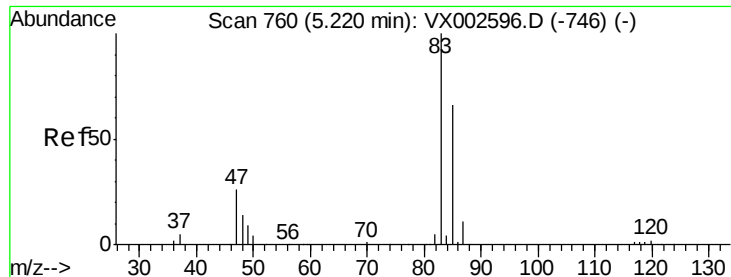
72 22.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

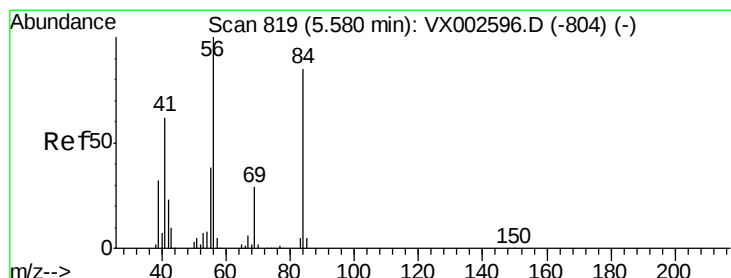
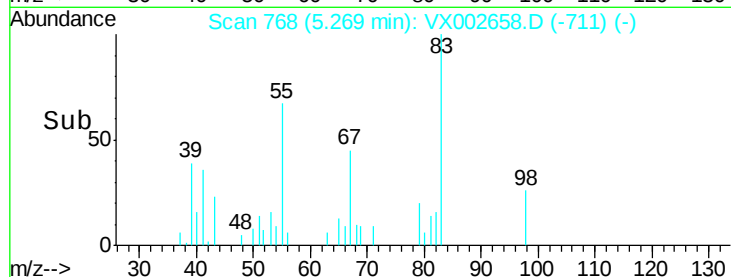
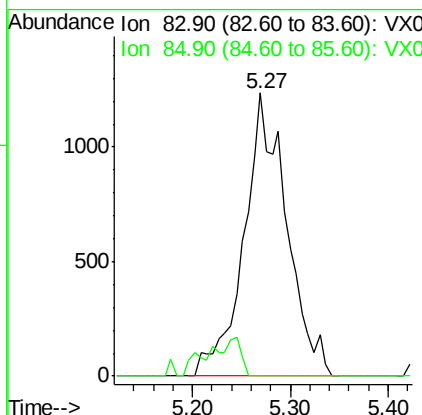
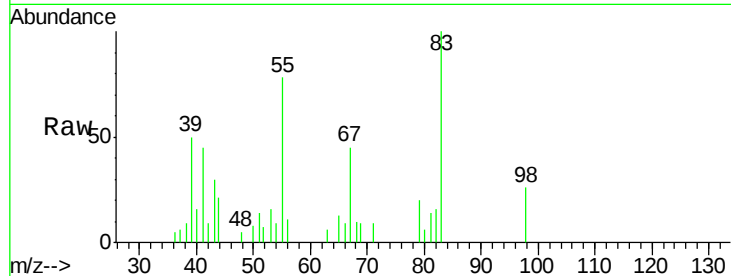




#30
Chloroform
Concen: 0.859 ug/l
RT: 5.27 min Scan# 768
Delta R.T. 0.05 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

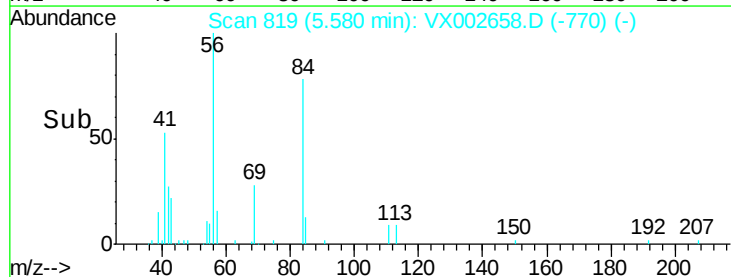
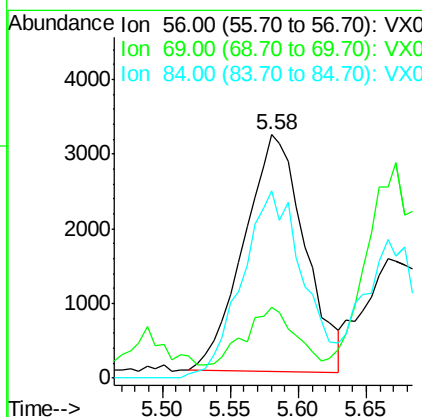
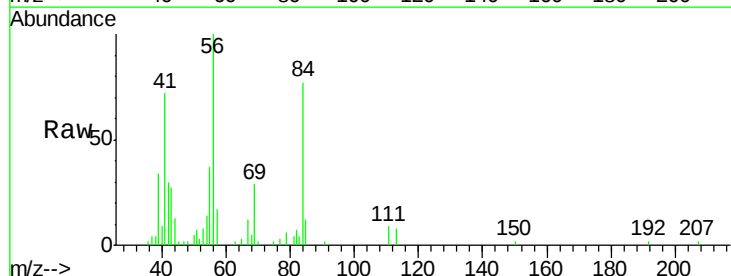
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

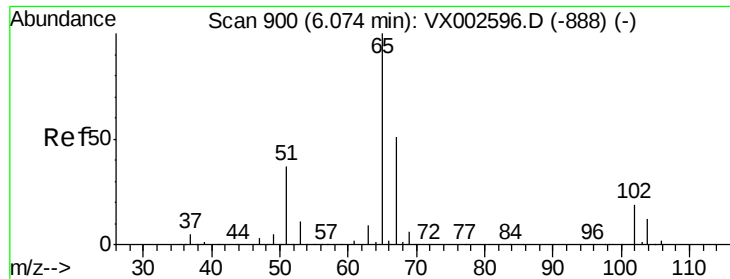
Tot Ion: 83 Resp: 3757
Ion Ratio Lower Upper
83 100
85 0.0 50.4 75.6#



#31
Cyclohexane
Concen: 2.668 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion: 56 Resp: 9963
Ion Ratio Lower Upper
56 100
69 20.6 23.7 35.5#
84 77.6 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 43.886 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

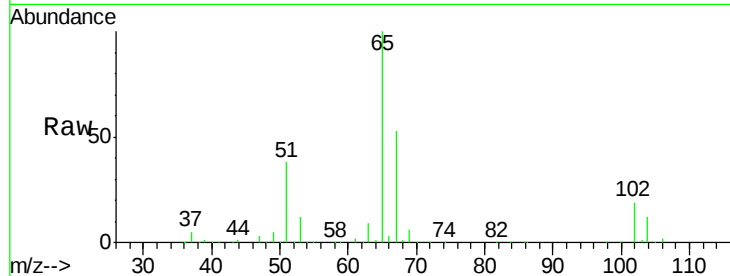
PR-MW-02-061118

Tot Ion: 65 Resp: 138844

Ion Ratio Lower Upper

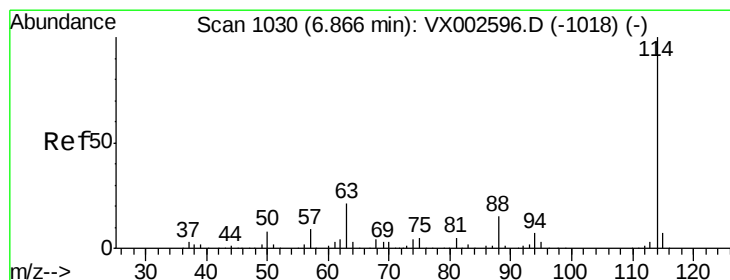
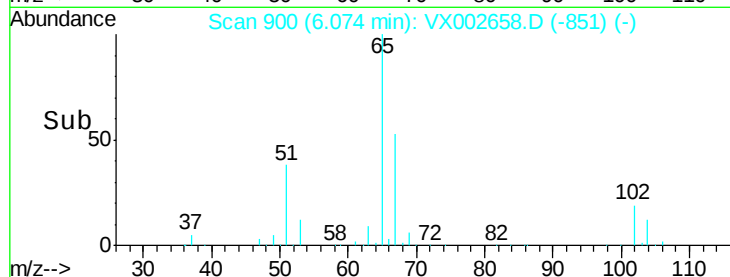
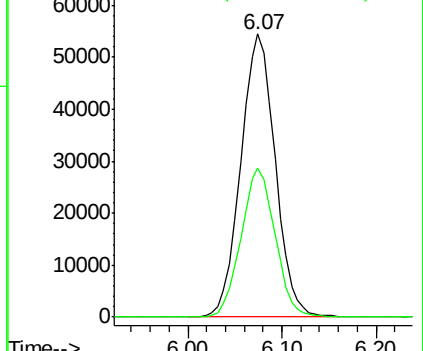
65 100

67 52.2 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

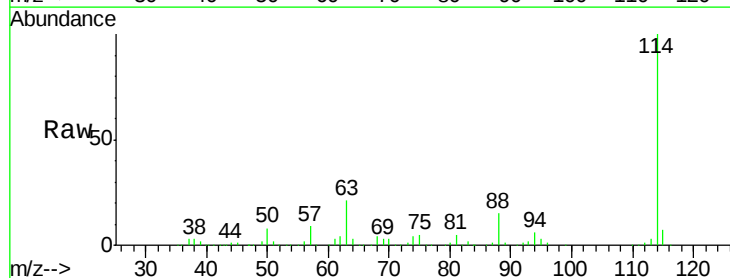
Tgt Ion: 114 Resp: 294352

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

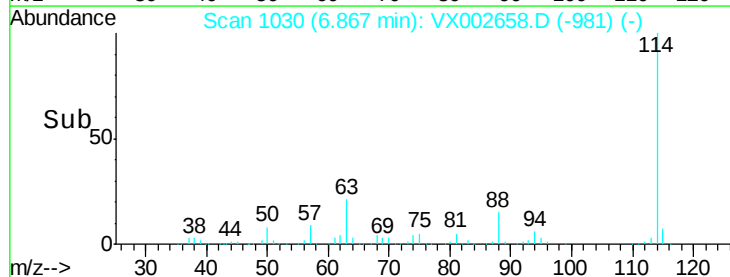
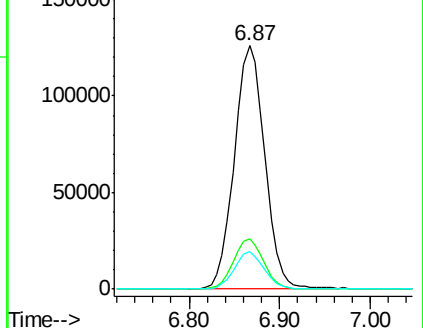
88 15.4 0.0 30.0

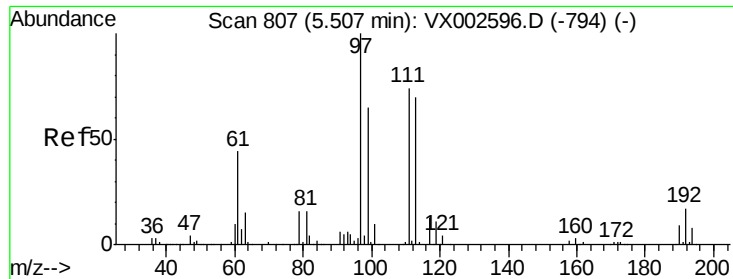


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

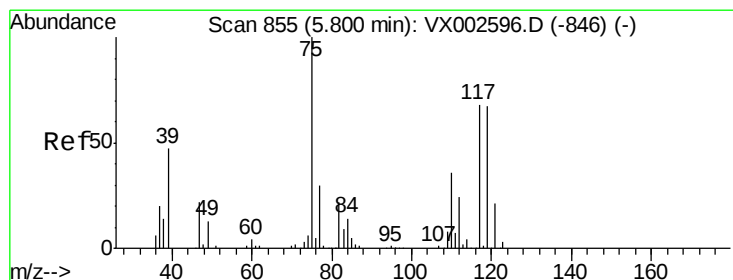
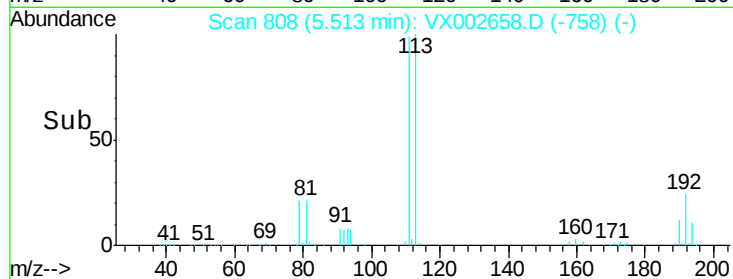
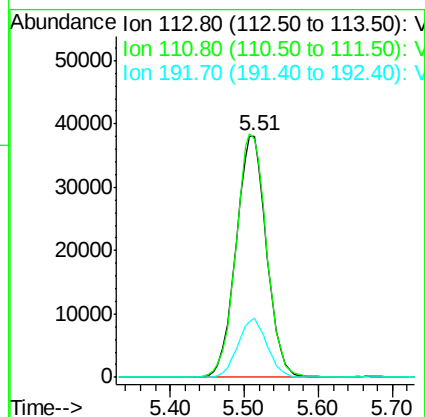
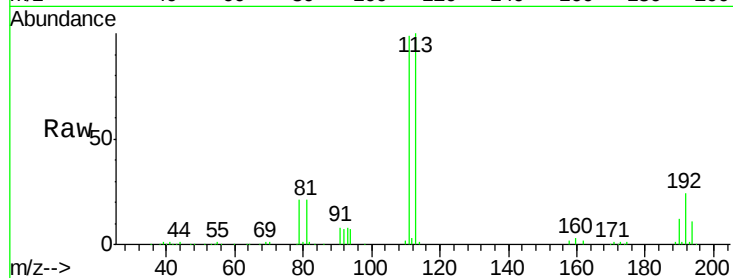




#35
 Dibromofluoromethane
 Concen: 46.467 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002658.D
 Acq: 16 Jun 2018 20:18

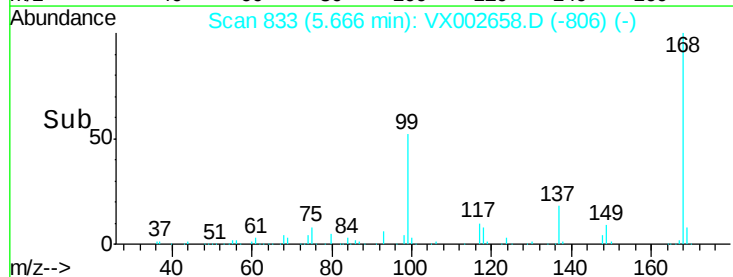
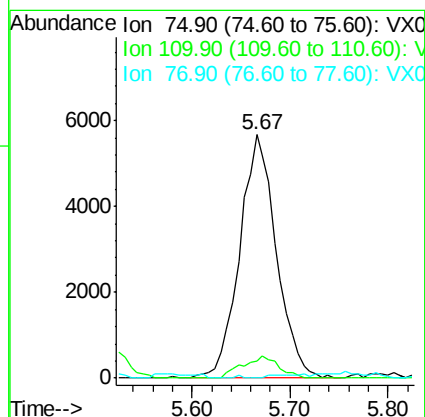
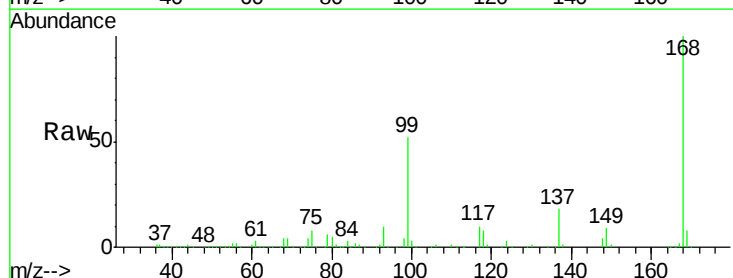
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02-061118

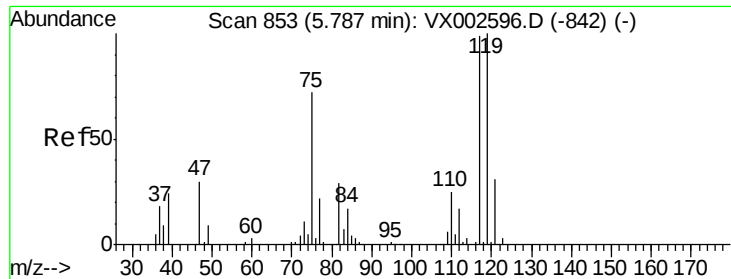
Tot Ion:113 Resp: 109161
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.4 122.0
 192 23.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.706 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002658.D
 Acq: 16 Jun 2018 20:18

Tgt Ion: 75 Resp: 14712
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.1 54.4#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.895 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02-061118

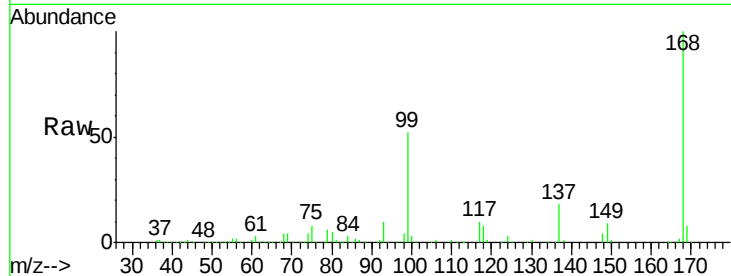
Tot Ion:117 Resp: 18350

Ion Ratio Lower Upper

117 100

119 5.7 77.4 116.0#

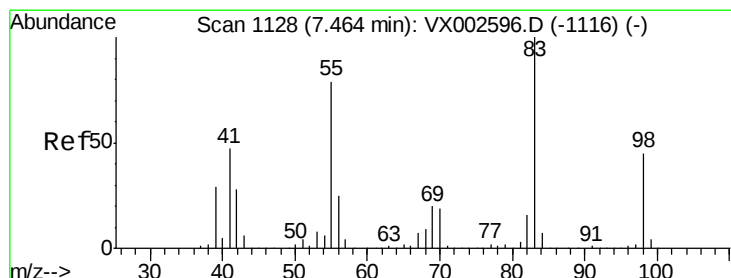
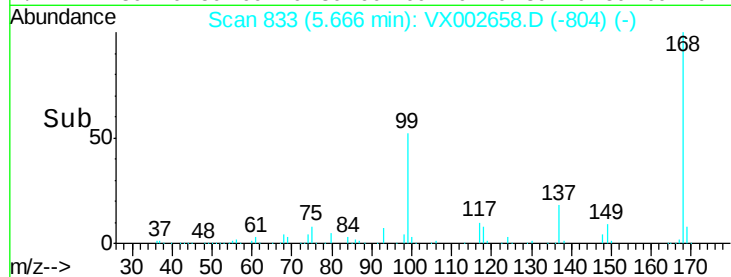
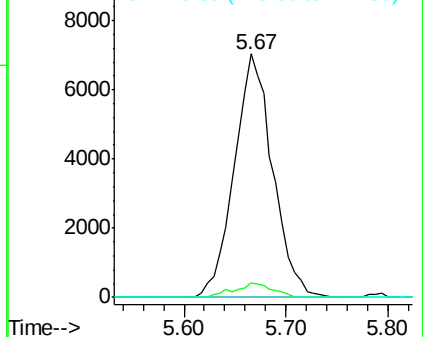
121 0.0 24.4 36.6#



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: 4.119 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

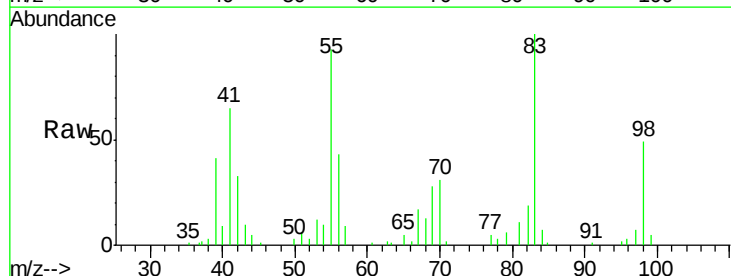
Tgt Ion: 83 Resp: 15052

Ion Ratio Lower Upper

83 100

55 91.3 65.4 98.0

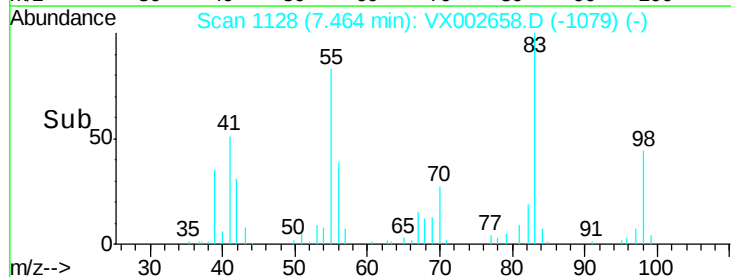
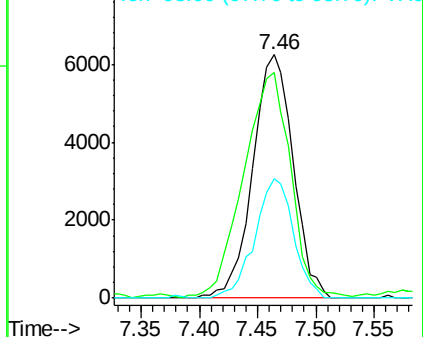
98 49.1 37.4 56.0

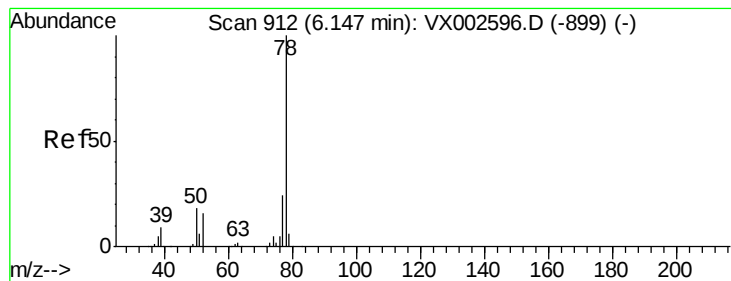


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.584 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

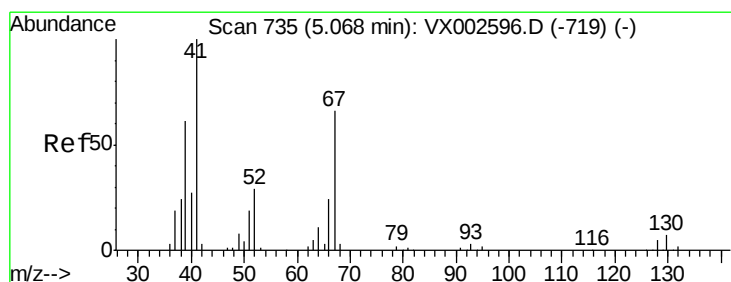
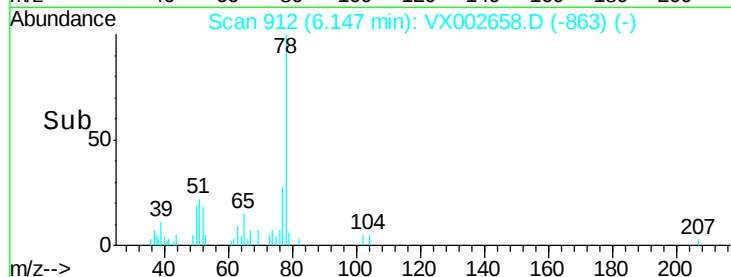
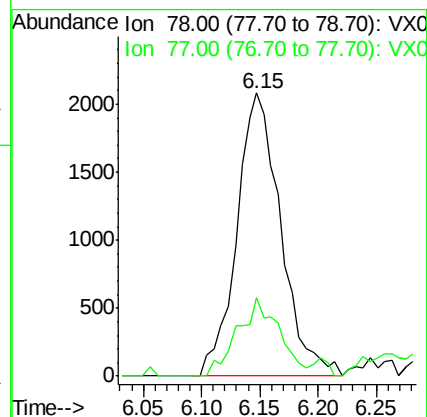
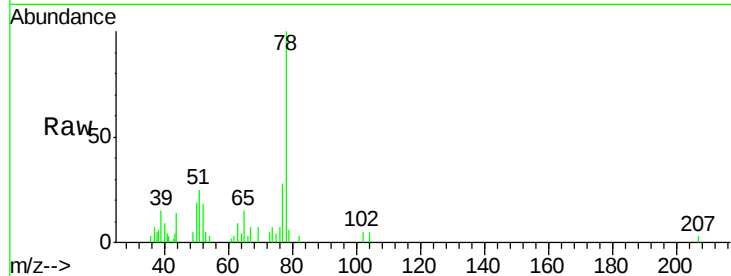
PR-MW-02-061118

Tot Ion: 78 Resp: 5475

Ion Ratio Lower Upper

78 100

77 27.8 19.1 28.7



#41

Methacrylonitrile

Concen: 0.509 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Tgt Ion: 41 Resp: 1016

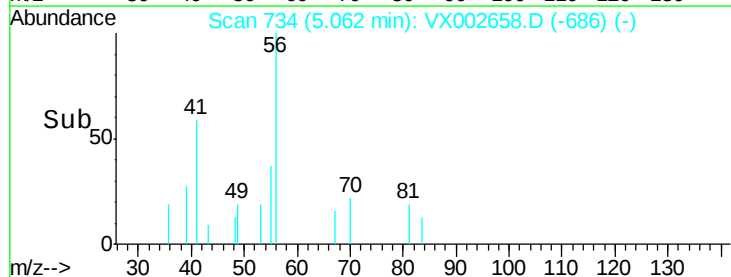
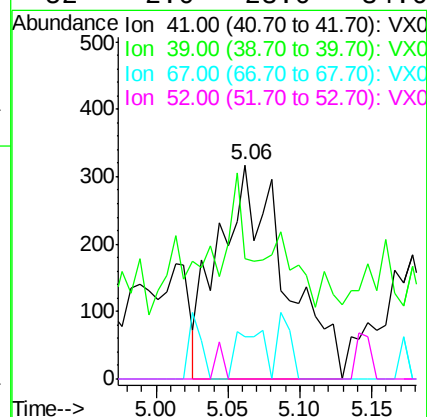
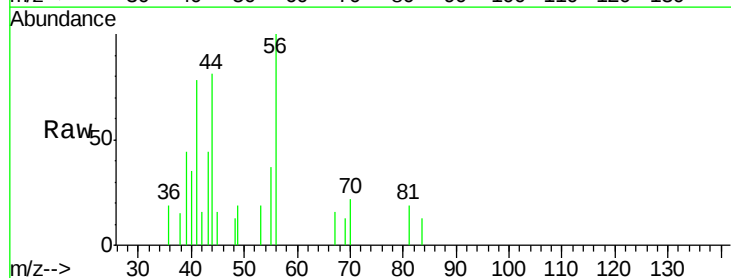
Ion Ratio Lower Upper

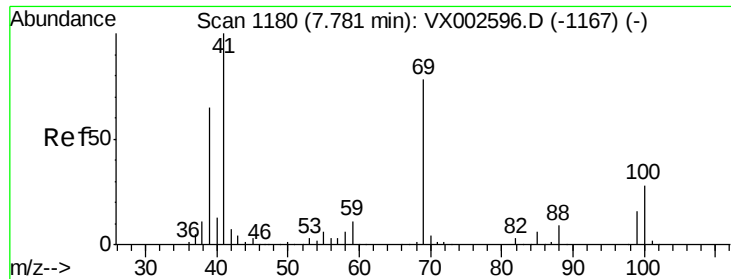
41 100

39 9.1 45.8 68.6#

67 0.0 51.3 76.9#

52 2.0 23.0 34.6#





#48

Methvl methacrylate

Concen: 0.834 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.04 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02-061118

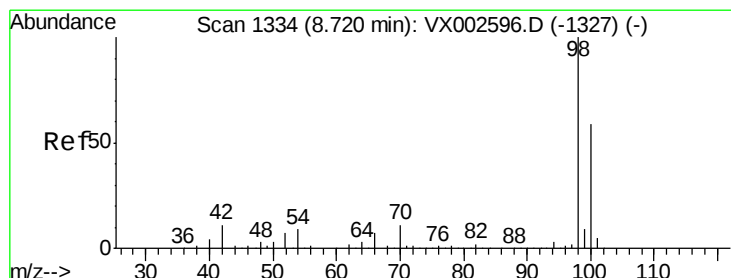
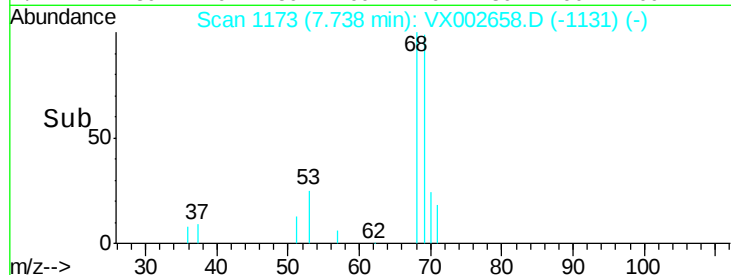
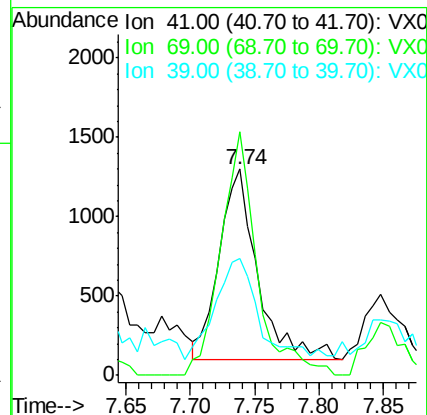
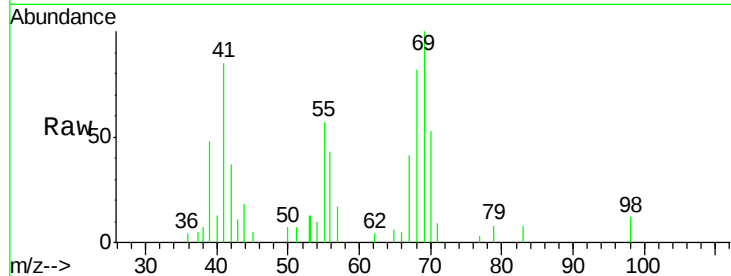
Tot Ion: 41 Resp: 2499

Ion Ratio Lower Upper

41 100

69 121.2 59.1 88.7#

39 59.8 48.9 73.3



#50

Toluene-d8

Concen: 47.546 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002658.D

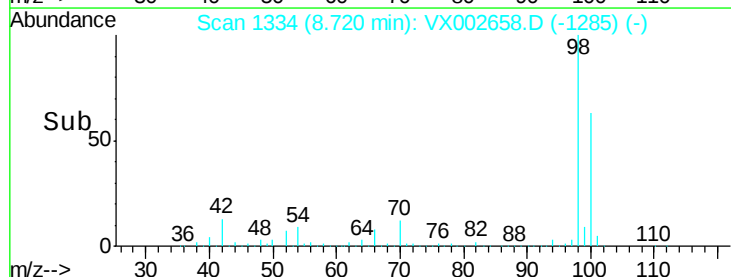
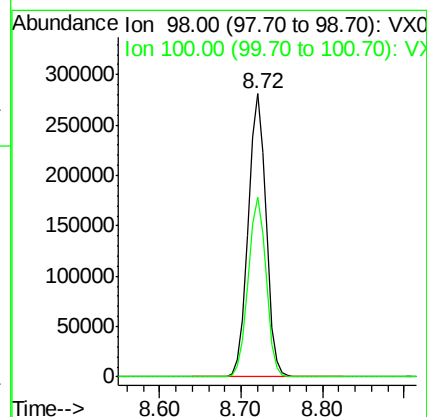
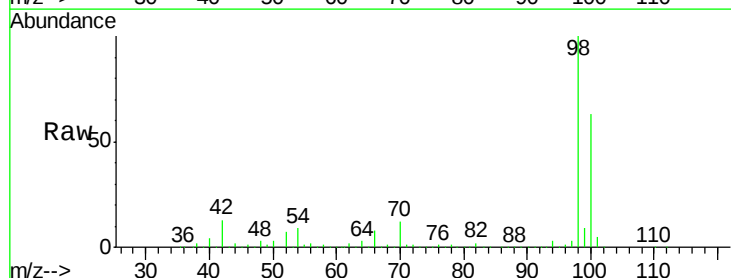
Acq: 16 Jun 2018 20:18

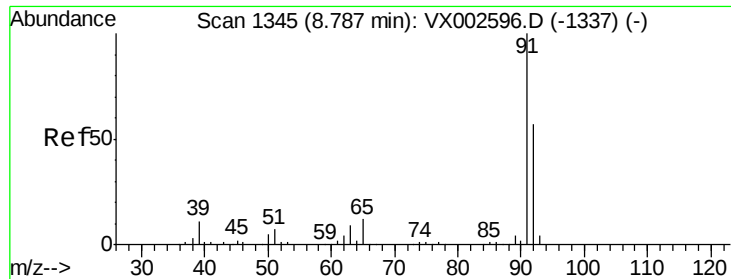
Tgt Ion: 98 Resp: 424106

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3





#52

Toluene

Concen: 0.386 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

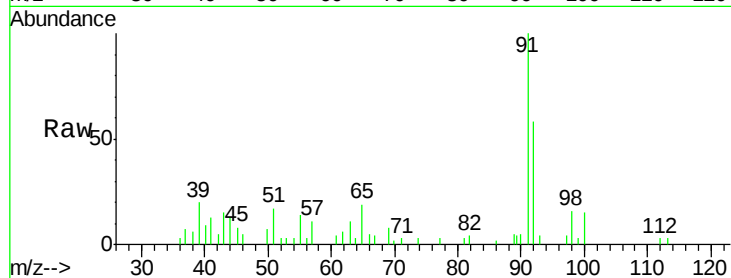
PR-MW-02-061118

Tot Ion: 92 Resp: 2307

Ion Ratio Lower Upper

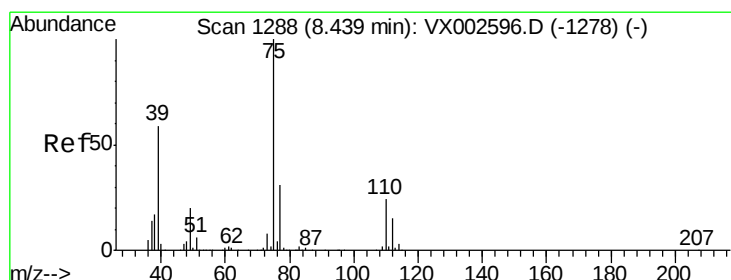
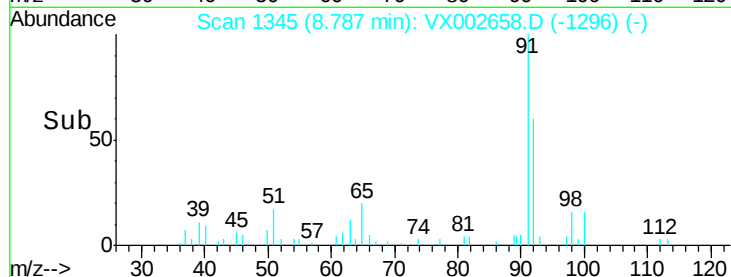
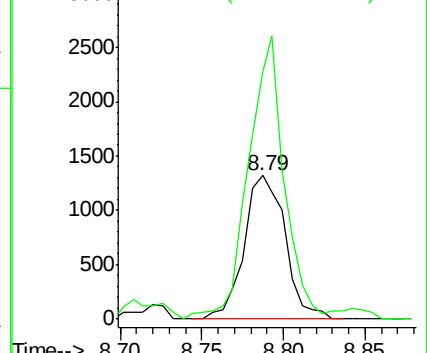
92 100

91 174.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.401 ug/l

RT: 8.45 min Scan# 1290

Delta R.T. 0.01 min

Lab File: VX002658.D

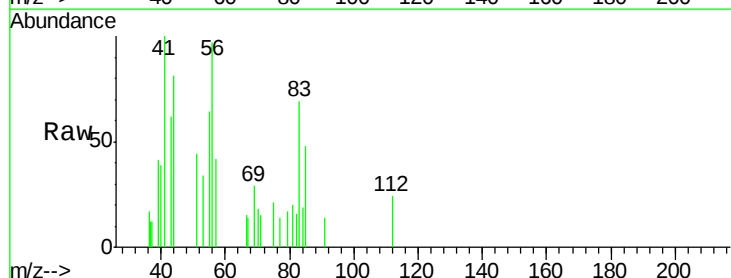
Acq: 16 Jun 2018 20:18

Tgt Ion: 75 Resp: 31

Ion Ratio Lower Upper

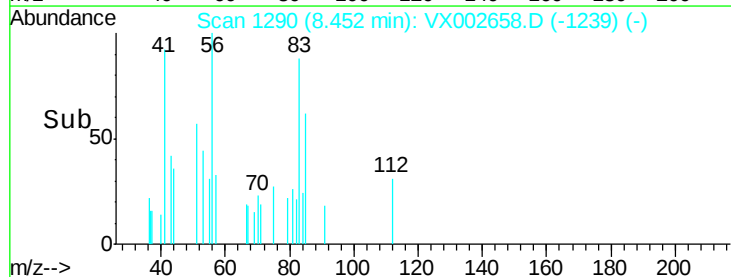
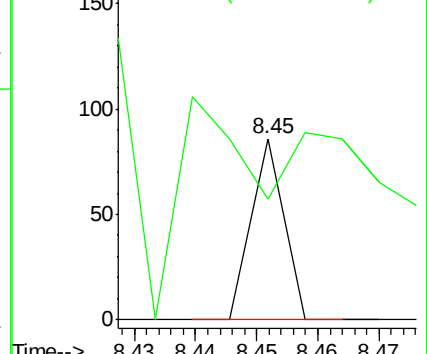
75 100

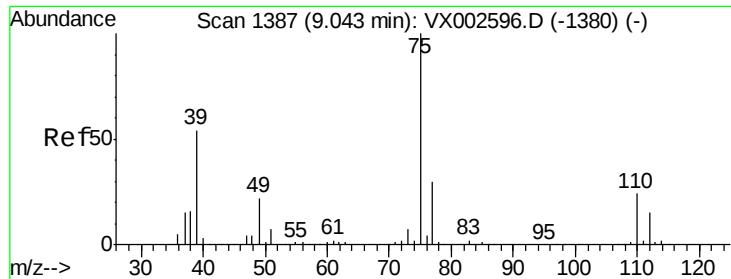
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



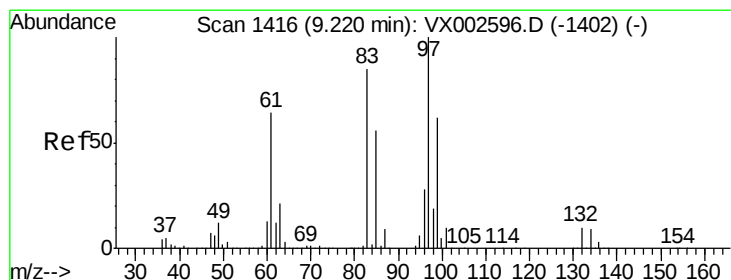
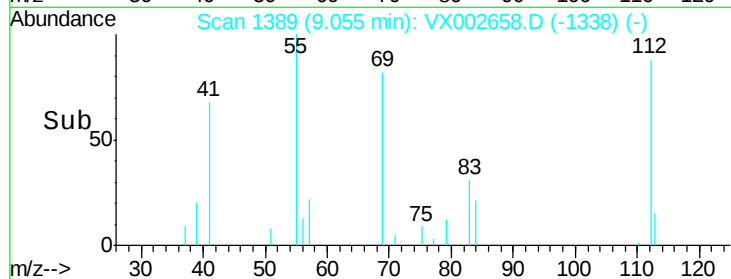
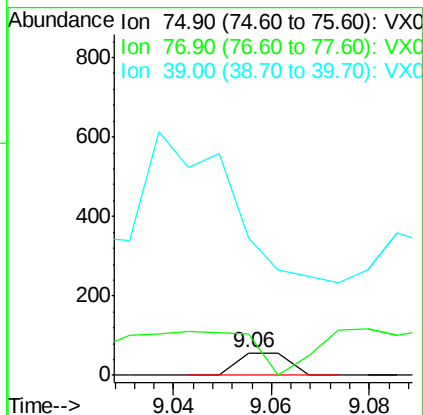
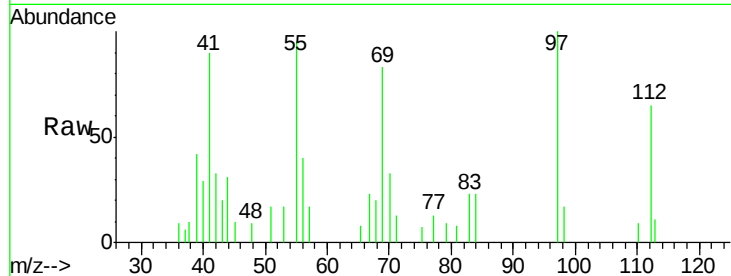


#54

cis-1,3-Dichloropropene
 Concen: 3.223 ug/l
 RT: 9.06 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VX002658.D
 Acq: 16 Jun 2018 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02-061118

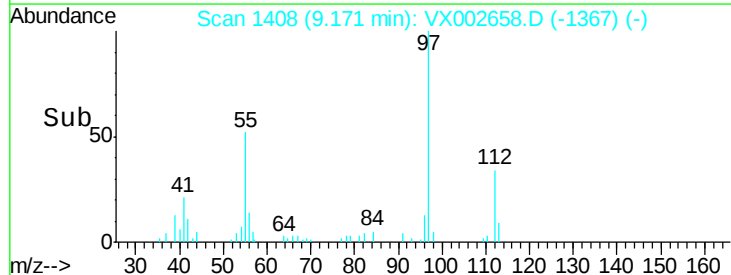
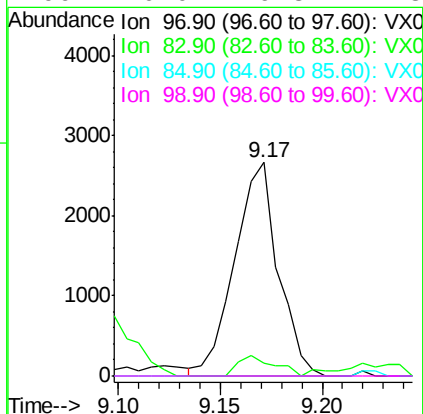
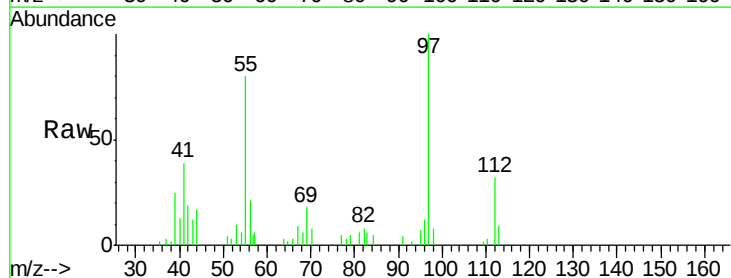
Tot Ion: 75 Resp: 41
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 196.5 42.4 63.6#

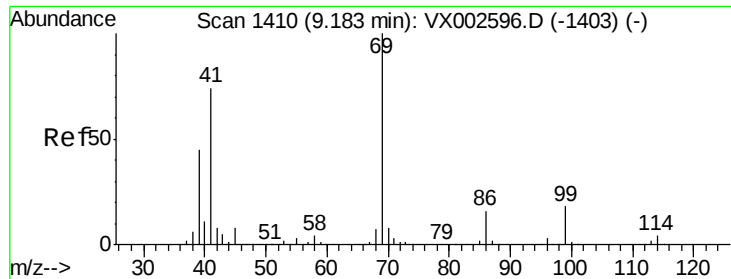


#55

1,1,2-Trichloroethane
 Concen: 1.631 ug/l
 RT: 9.17 min Scan# 1408
 Delta R.T. -0.05 min
 Lab File: VX002658.D
 Acq: 16 Jun 2018 20:18

Tgt Ion: 97 Resp: 3941
 Ion Ratio Lower Upper
 97 100
 83 6.0 70.2 105.2#
 85 0.0 44.9 67.3#
 99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 0.231 ug/l

RT: 9.17 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02-061118

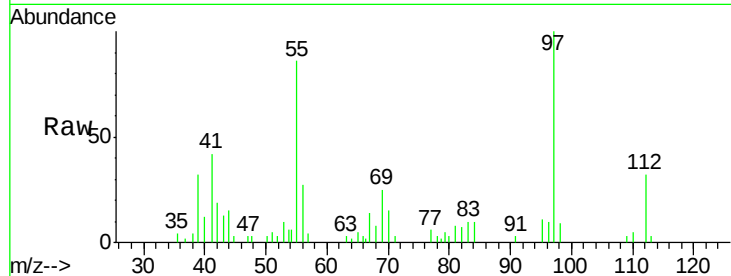
Tot Ion: 69 Resp: 859

Ion Ratio Lower Upper

69 100

41 177.1 60.3 90.5#

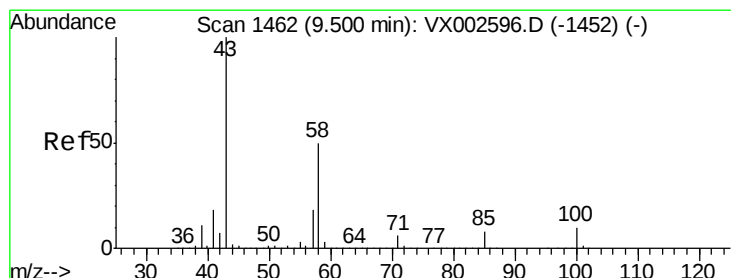
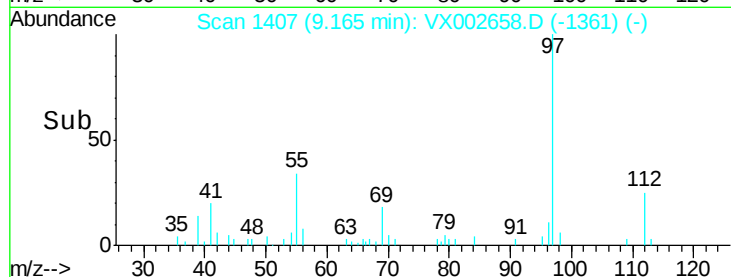
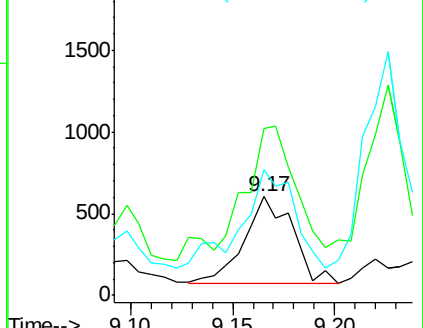
39 124.6 35.8 53.8#



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



#59

2-Hexanone

Concen: 0.521 ug/l

RT: 9.52 min Scan# 1466

Delta R.T. 0.02 min

Lab File: VX002658.D

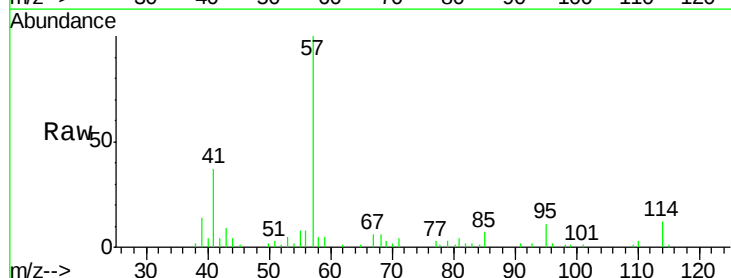
Acq: 16 Jun 2018 20:18

Tgt Ion: 43 Resp: 1477

Ion Ratio Lower Upper

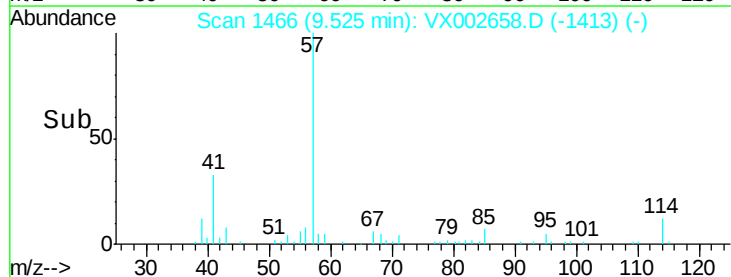
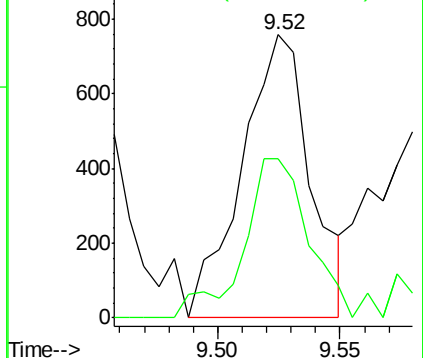
43 100

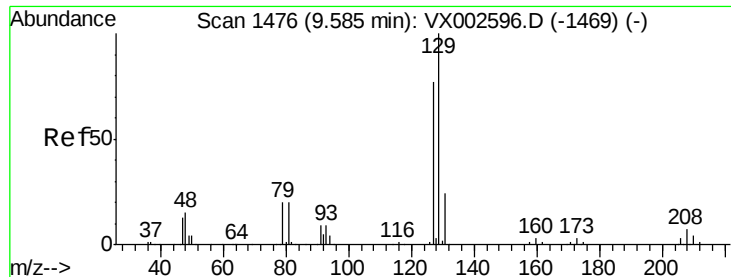
58 53.2 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

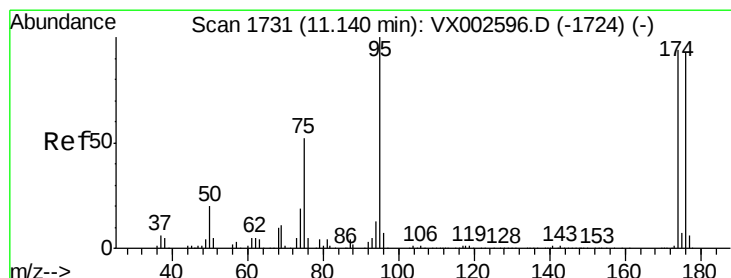
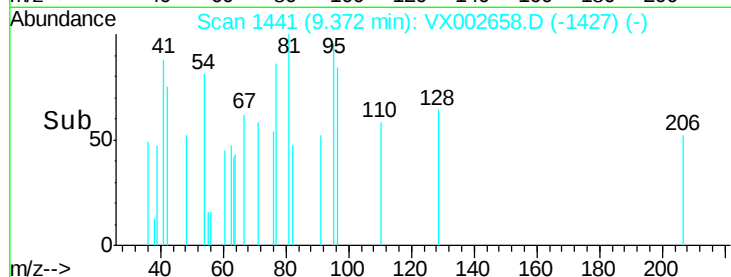
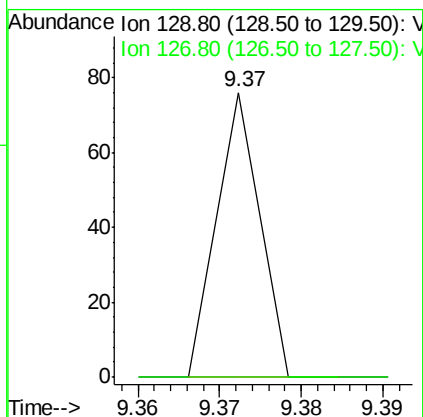
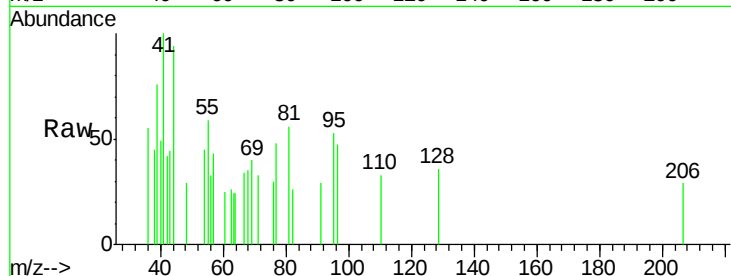




#60
 Dibromochloromethane
 Concen: 3.770 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.21 min
 Lab File: VX002658.D
 Acq: 16 Jun 2018 20:18

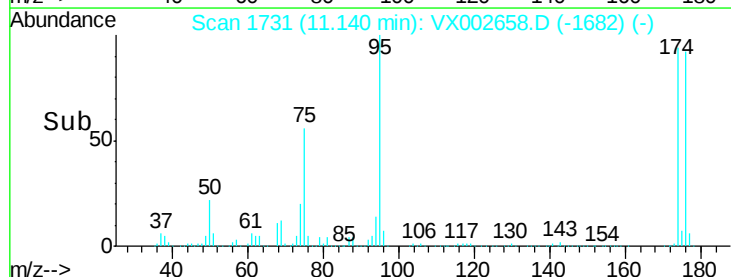
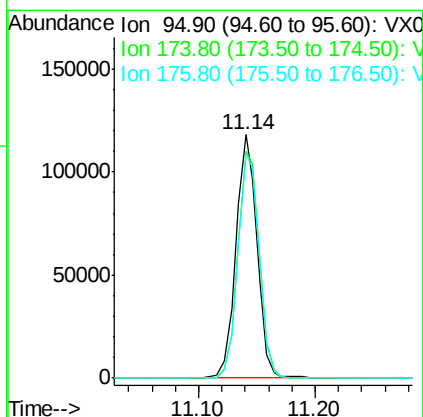
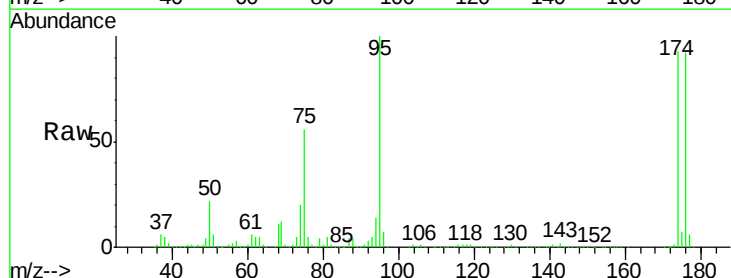
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02-061118

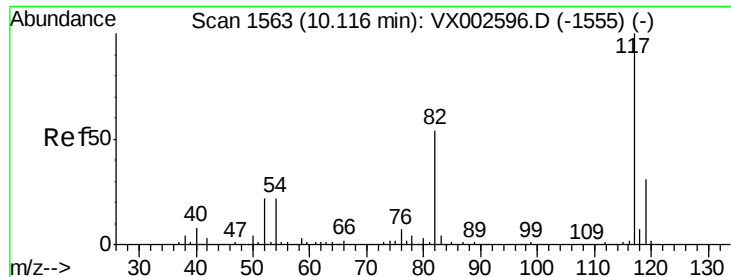
Tot Ion:129 Resp: 28
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.3#



#62
 4-Bromofluorobenzene
 Concen: 43.903 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002658.D
 Acq: 16 Jun 2018 20:18

Tgt Ion: 95 Resp: 148394
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 187.4
 176 93.4 0.0 181.0

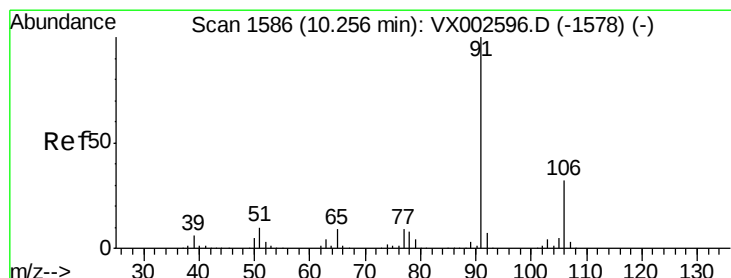
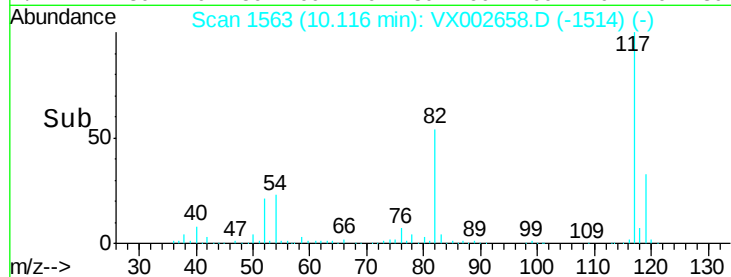
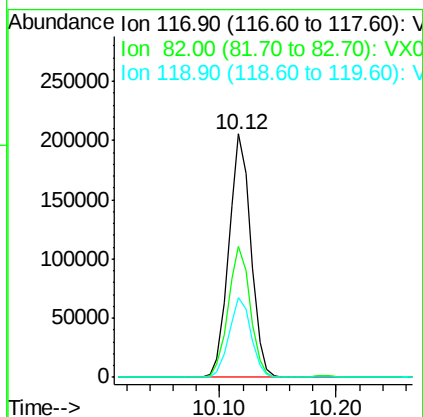
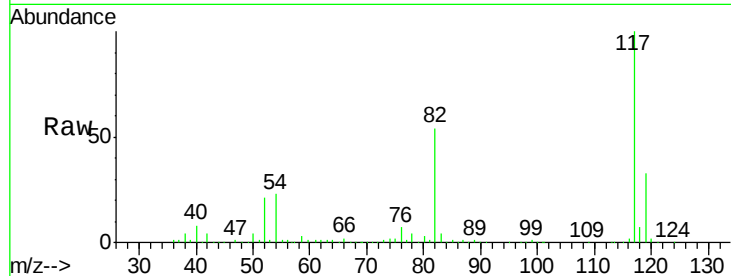




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

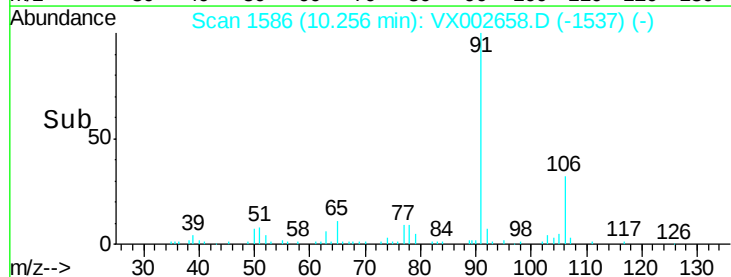
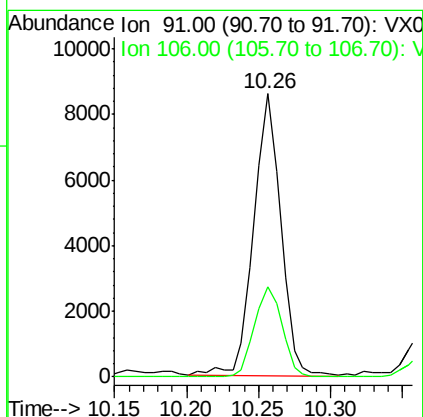
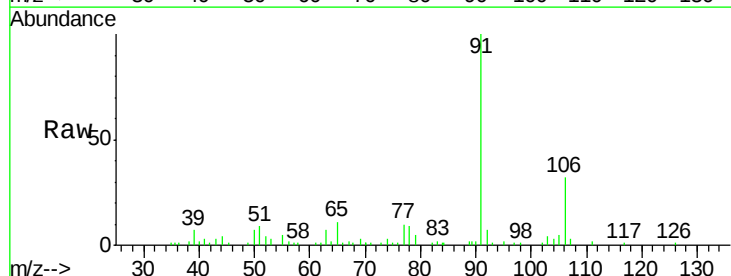
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

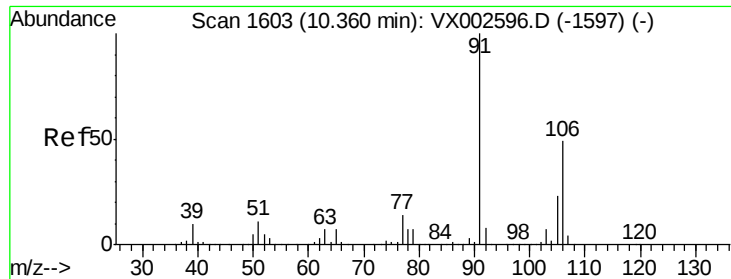
Tot Ion:117 Resp: 270315
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.6 25.8 38.6



#67
Ethyl Benzene
Concen: 0.996 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion: 91 Resp: 11150
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

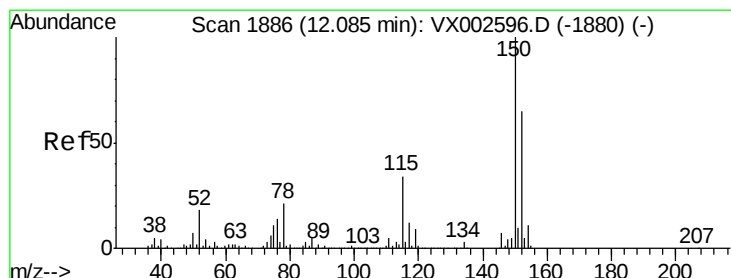
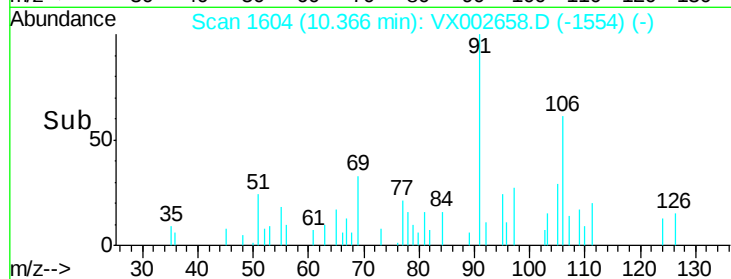
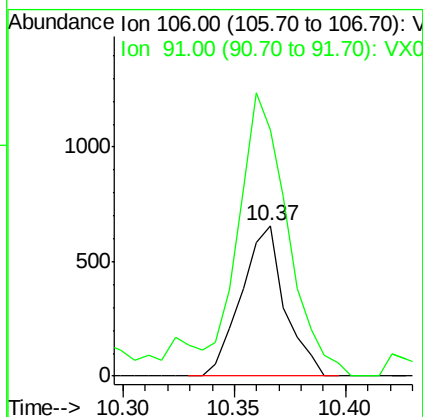
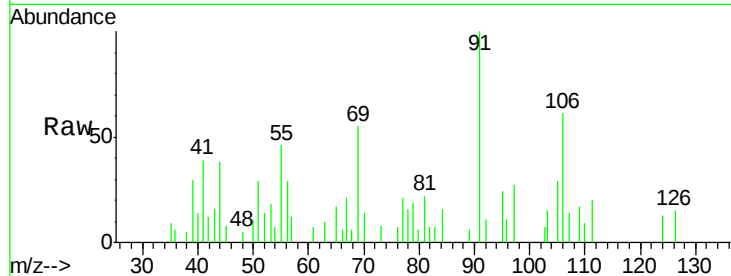




#68
m/p-Xvlenes
Concen: 0.207 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

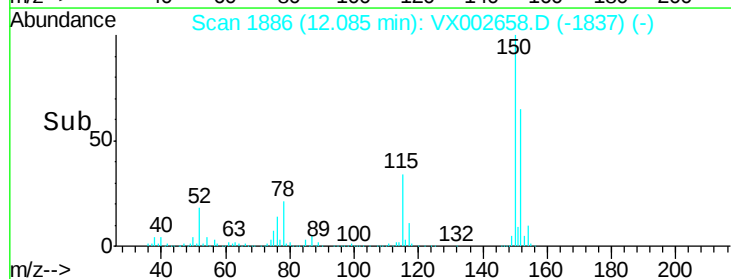
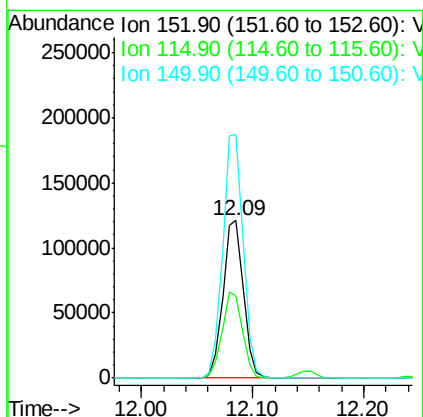
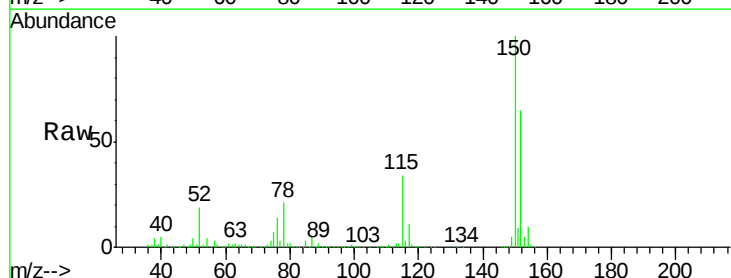
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

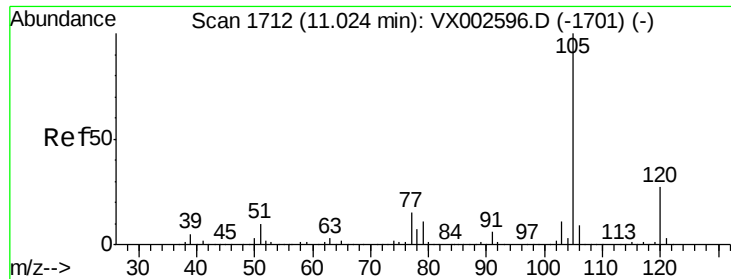
Tot Ion:106 Resp: 896
Ion Ratio Lower Upper
106 100
91 228.8 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion:152 Resp: 152607
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 155.8 0.0 347.2





#73

Isopropylbenzene

Concen: 38.772 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

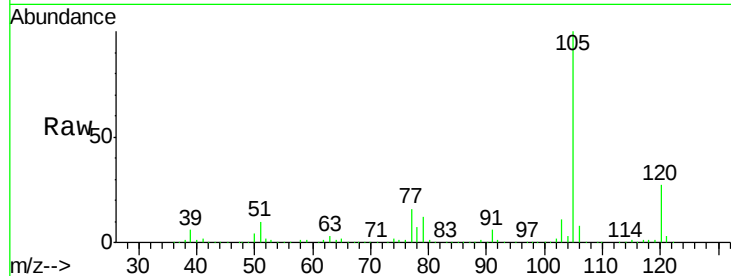
PR-MW-02-061118

Tot Ion:105 Resp: 395731

Ion Ratio Lower Upper

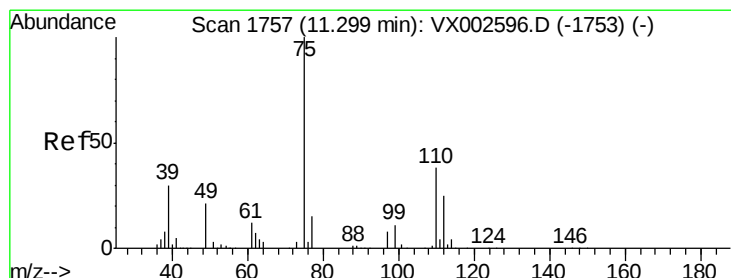
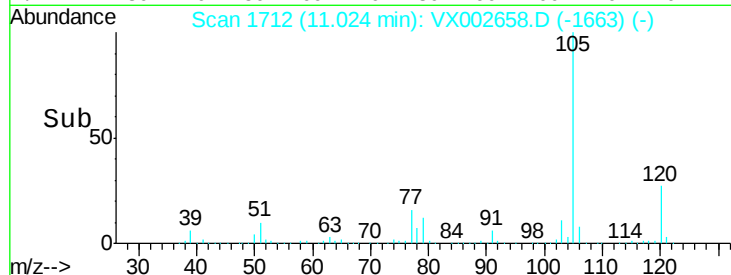
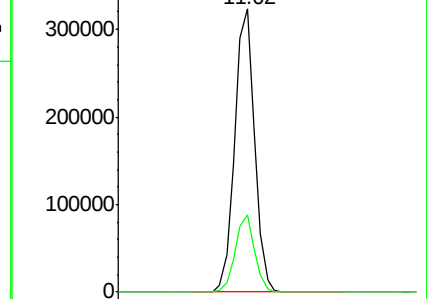
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 27.848 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002658.D

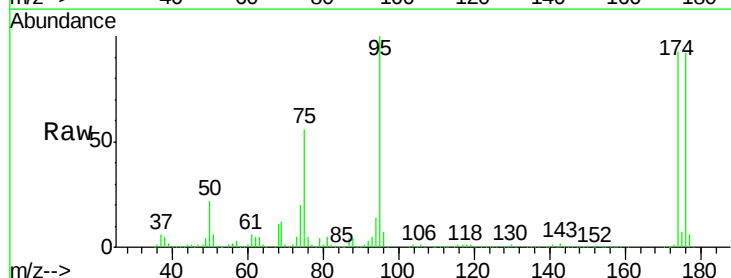
Acq: 16 Jun 2018 20:18

Tgt Ion: 75 Resp: 80192

Ion Ratio Lower Upper

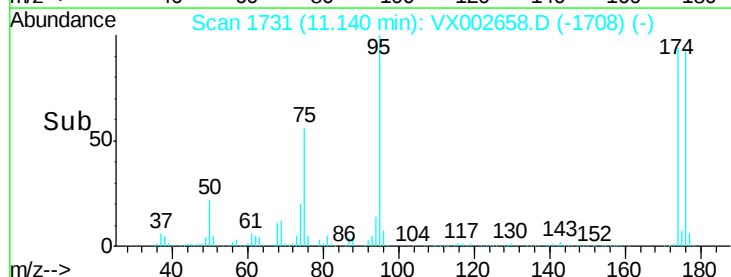
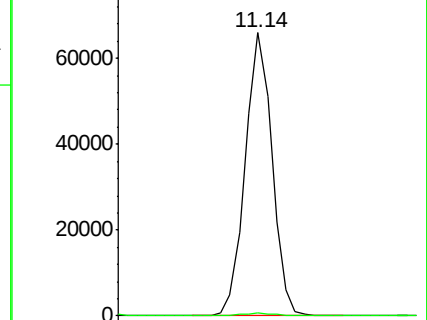
75 100

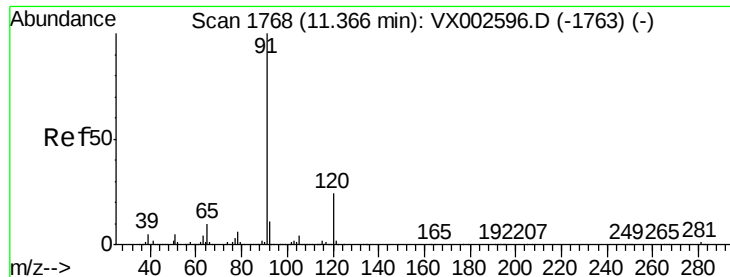
77 0.0 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 15.195 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

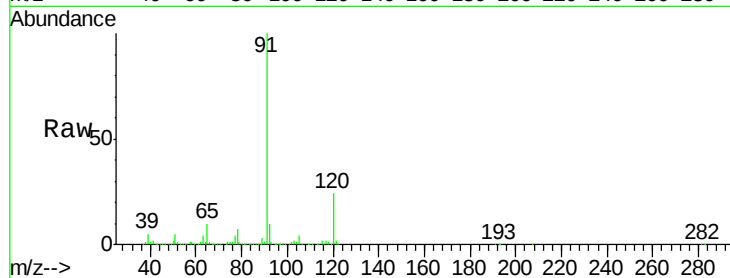
PR-MW-02-061118

Tot Ion: 91 Resp: 177861

Ion Ratio Lower Upper

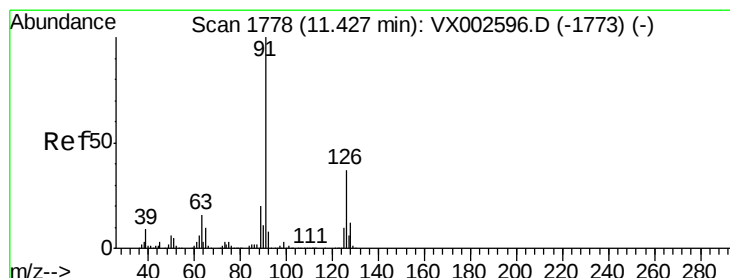
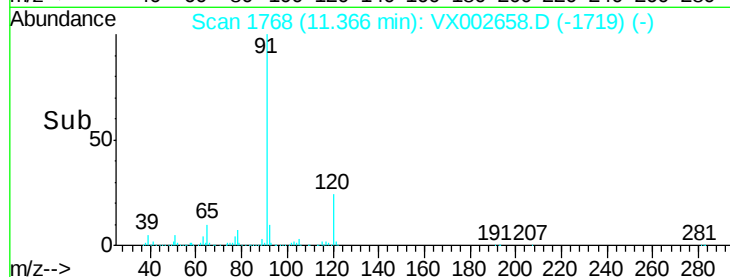
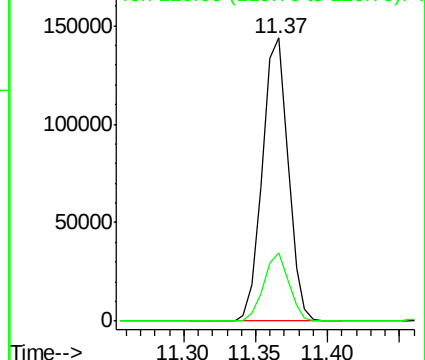
91 100

120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 25.450 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002658.D

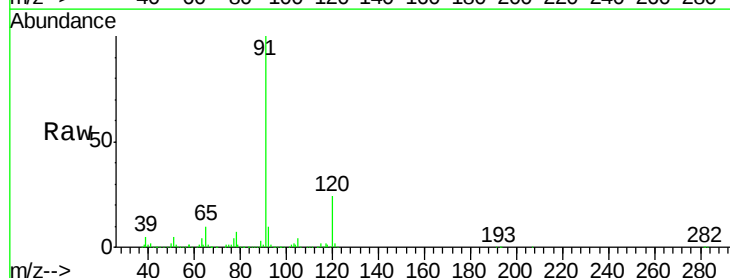
Acq: 16 Jun 2018 20:18

Tgt Ion: 91 Resp: 177861

Ion Ratio Lower Upper

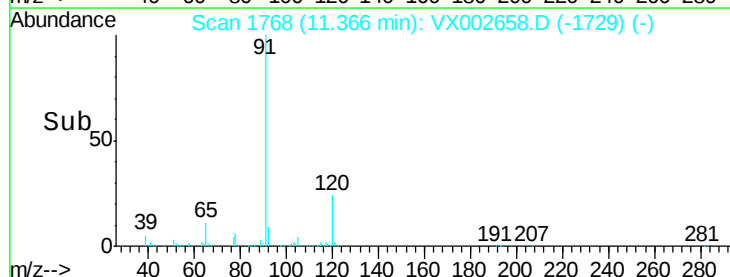
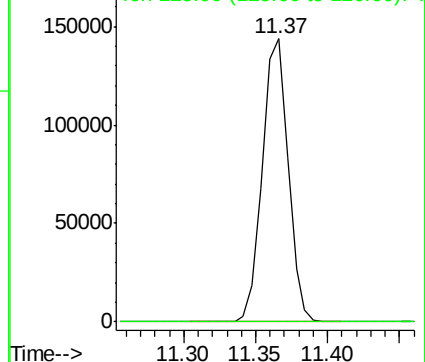
91 100

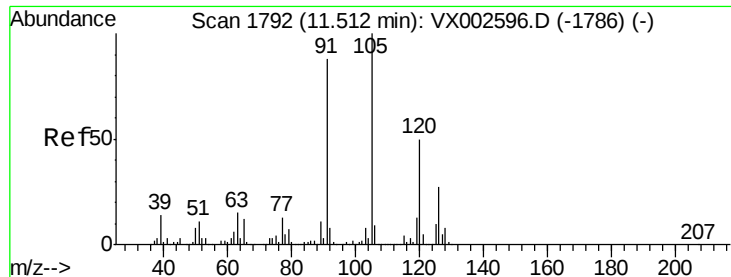
126 0.0 17.7 53.1#



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: 1.599 ug/l

RT: 11.67 min Scan# 1818

Delta R.T. 0.16 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

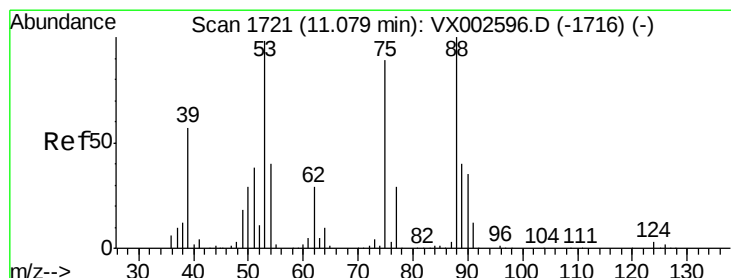
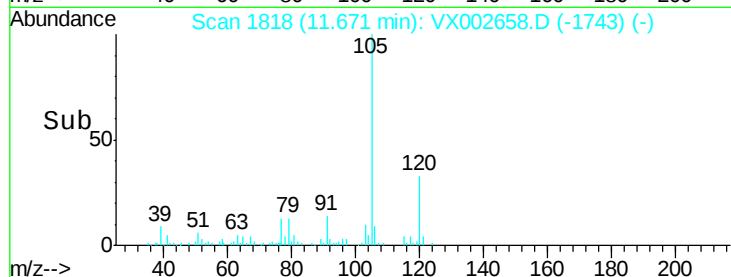
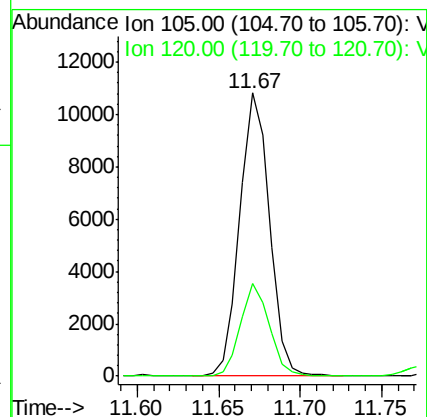
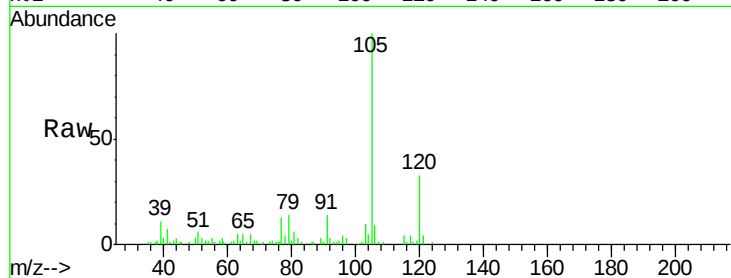
PR-MW-02-061118

Tot Ion:105 Resp: 13795

Ion Ratio Lower Upper

105 100

120 31.5 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 9.299 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.06 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

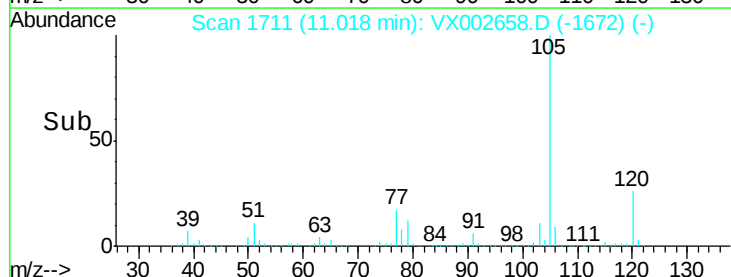
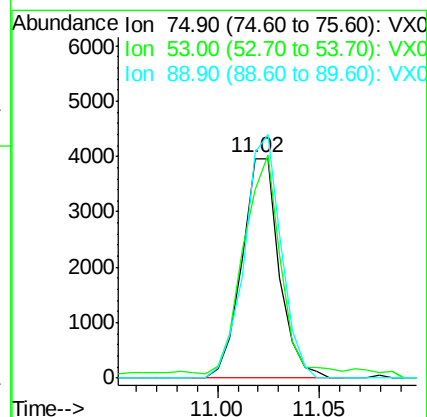
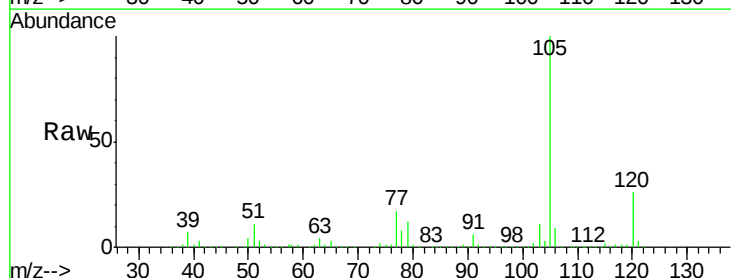
Tgt Ion: 75 Resp: 5024

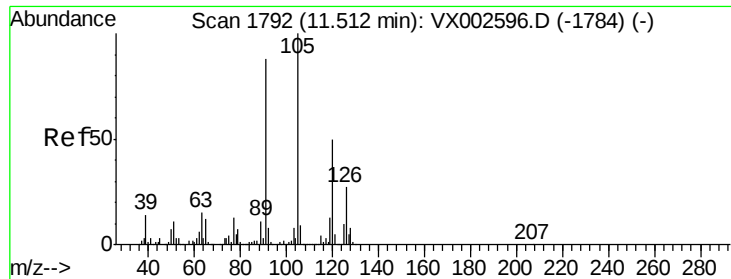
Ion Ratio Lower Upper

75 100

53 108.4 86.8 130.2

89 108.8 38.2 57.2#





#82

4-Chlorotoluene

Concen: 21.568 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

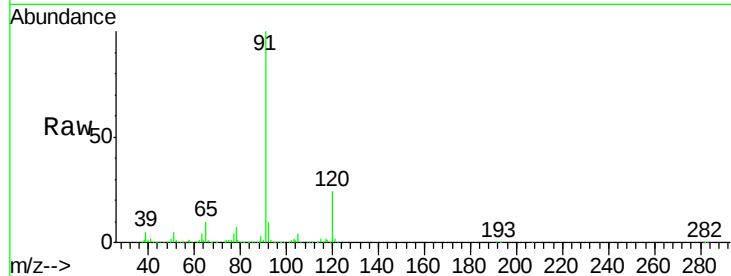
PR-MW-02-061118

Tot Ion: 91 Resp: 177861

Ion Ratio Lower Upper

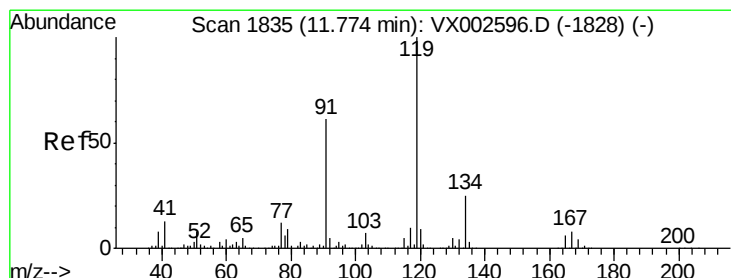
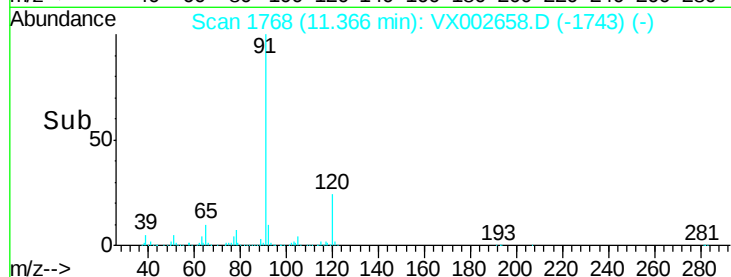
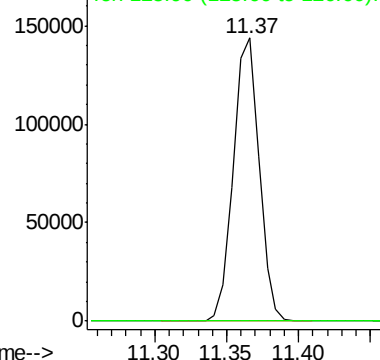
91 100

126 0.0 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 0.672 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

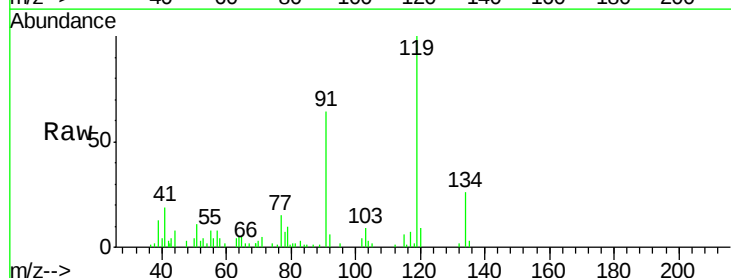
Tgt Ion: 119 Resp: 5585

Ion Ratio Lower Upper

119 100

91 71.5 30.3 90.9

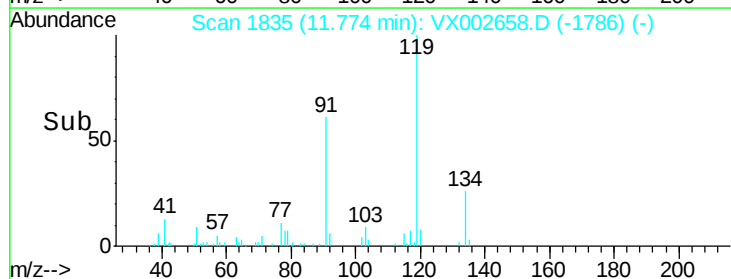
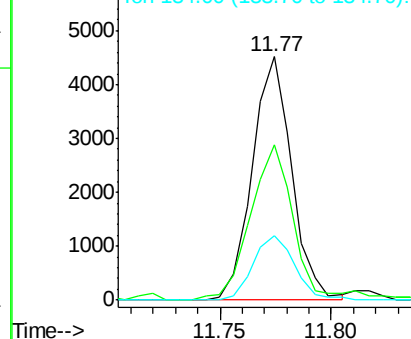
134 27.8 11.7 35.1

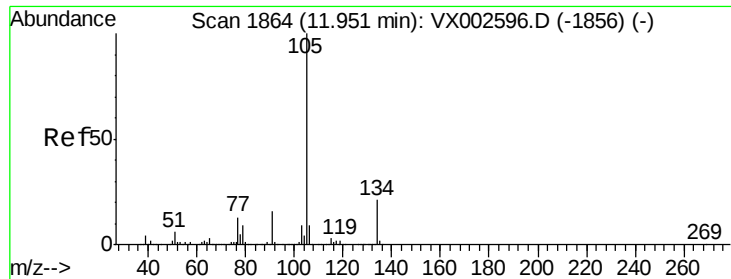


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 3.384 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

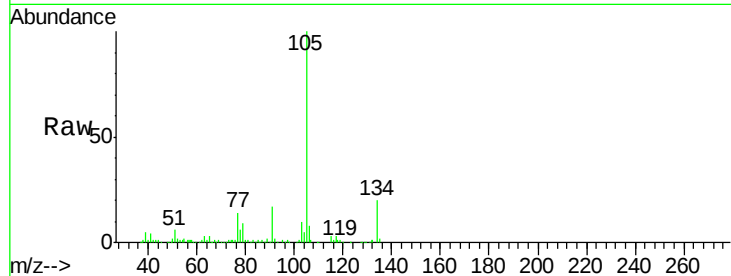
PR-MW-02-061118

Tot Ion:105 Resp: 34968

Ion Ratio Lower Upper

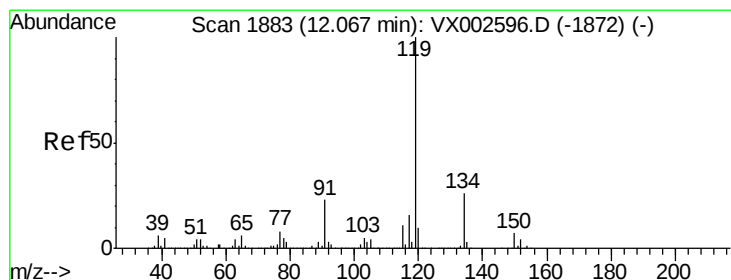
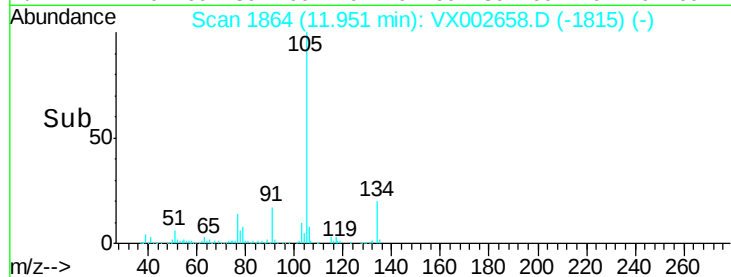
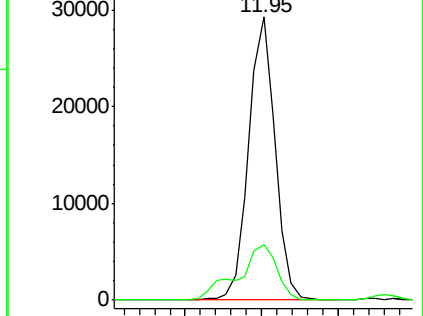
105 100

134 28.7 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: 1.213 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

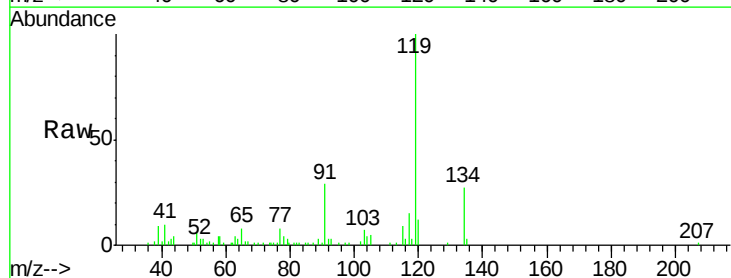
Tgt Ion:119 Resp: 11340

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

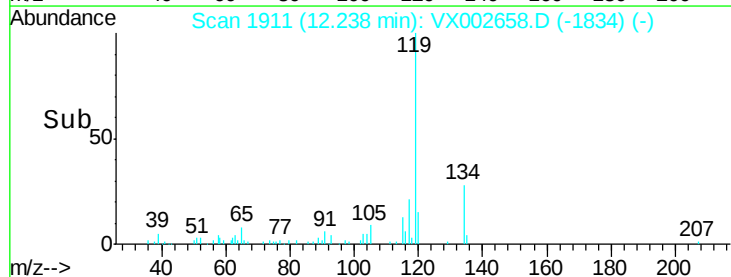
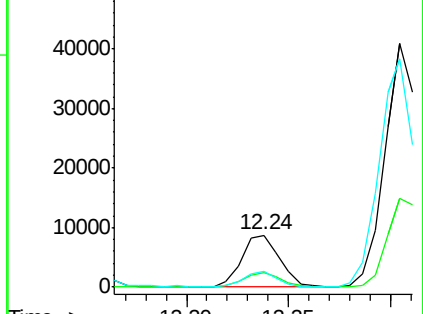
91 25.6 11.9 35.7

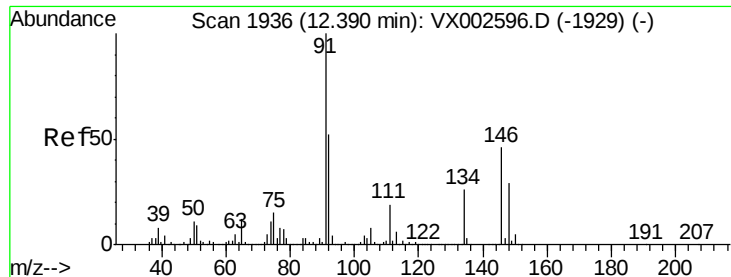


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

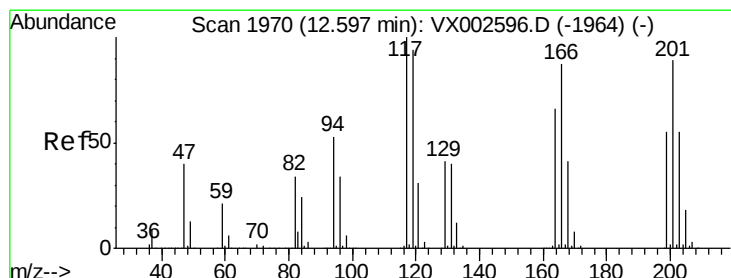
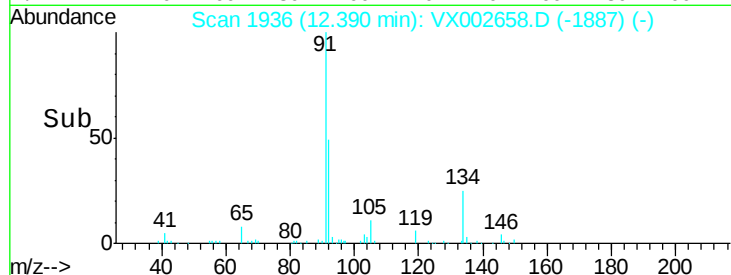
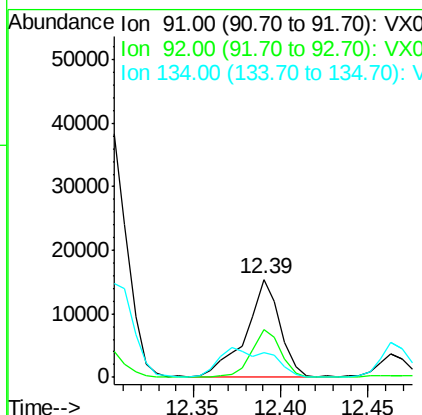
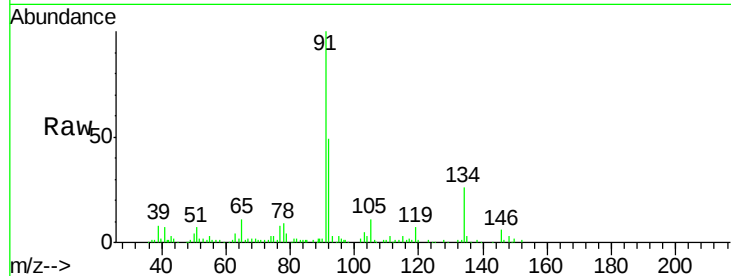




#89
n-Butylbenzene
Concen: 2.514 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

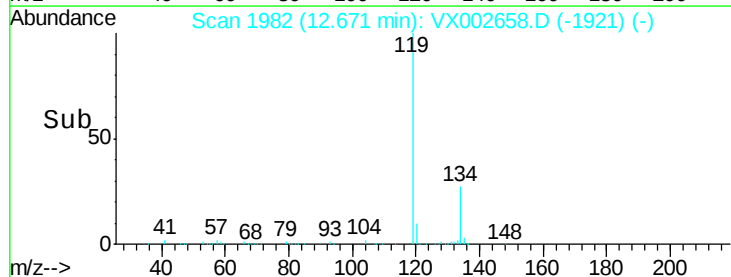
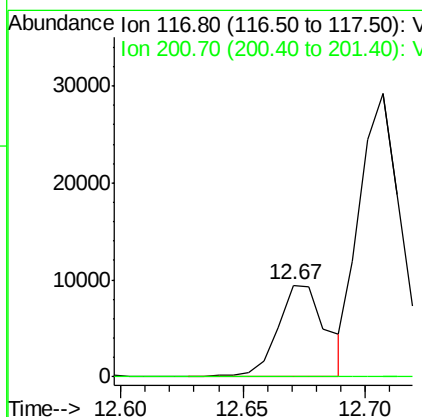
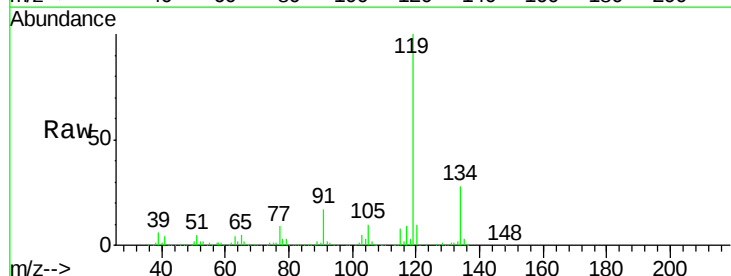
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

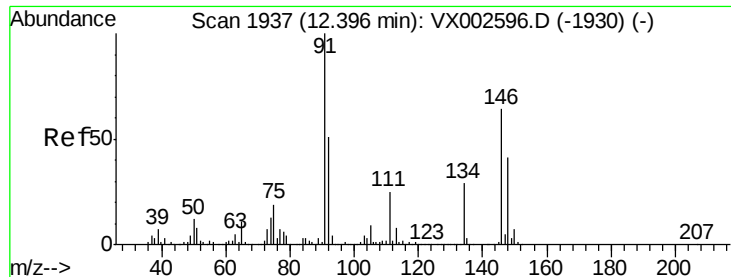
Tot Ion: 91 Resp: 20733
Ion Ratio Lower Upper
91 100
92 43.3 26.0 78.0
134 47.1 13.5 40.5#



#90
Hexachloroethane
Concen: 11.129 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion: 117 Resp: 13080
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

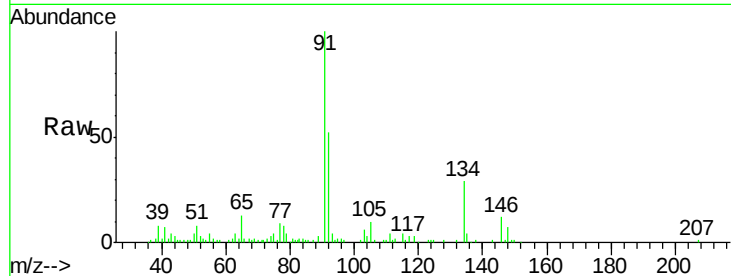




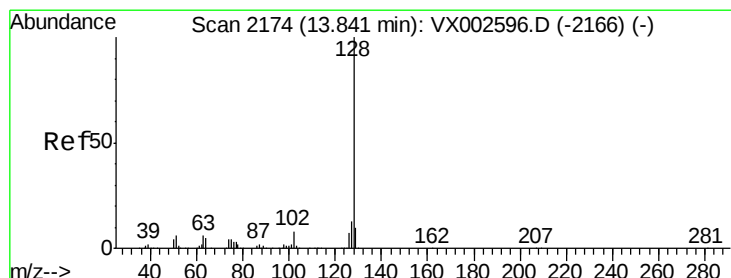
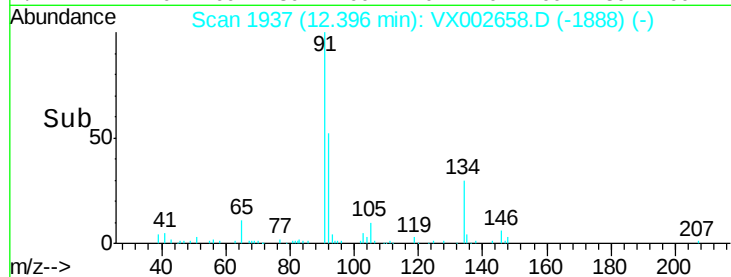
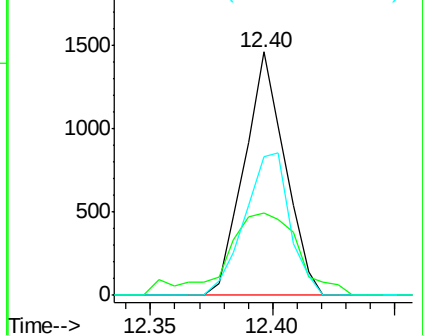
#91
1,2-Dichlorobenzene
Concen: 0.322 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

Tot Ion:146 Resp: 1688
Ion Ratio Lower Upper
146 100
111 60.5 19.4 58.1#
148 64.7 31.7 95.1

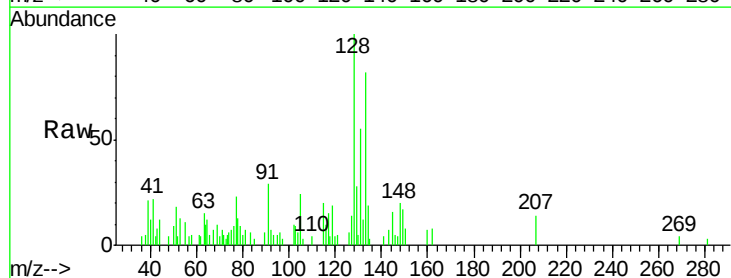


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#95
Naphthalene
Concen: 0.230 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion:128 Resp: 2353
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 34.6 8.6 13.0#



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

