

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006567.D
 Acq On : 17 Dec 2018 12:45
 Operator : JC/MD
 Sample : J6398-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01_121218DL

Quant Time: Dec 18 00:38:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	690898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1090048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1000366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	505388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	376572	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	5.50	113	341692	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	8.71	98	1306793	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	486721	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	1708	0.329	ug/l #	71
13) Acrolein	2.27	56	400	0.379	ug/l #	1
15) Acrylonitrile	3.15	53	1021	0.254	ug/l #	67
16) Acetone	2.45	43	18809	5.683	ug/l	91
18) Methyl Acetate	2.78	43	2385	0.215	ug/l #	58
20) Methylene Chloride	2.86	84	2458	0.349	ug/l	96
25) 2-Butanone	4.70	43	2149	0.455	ug/l #	86
31) Cyclohexane	5.59	56	6333	0.622	ug/l #	60
36) 1,1-Dichloropropene	5.66	75	46748	5.093	ug/l #	48
38) Carbon Tetrachloride	5.67	117	64650	5.987	ug/l #	16
39) Methylcyclohexane	7.46	83	11385	0.956	ug/l	94
40) Benzene	6.15	78	13499	0.491	ug/l	91
52) Toluene	8.79	92	93074	5.146	ug/l	96
67) Ethyl Benzene	10.25	91	1301252	36.843	ug/l	99
68) m/p-Xylenes	10.36	106	899913	63.608	ug/l	99
69) o-Xylene	10.70	106	539584	38.612	ug/l	98
70) Styrene	10.70	104	27943	1.236	ug/l #	1
73) Isopropylbenzene	11.02	105	156242	4.477	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	226612	23.231	ug/l #	37
78) n-propylbenzene	11.36	91	186341	4.803	ug/l	100
79) 2-Chlorotoluene	11.45	91	69618	3.019	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	727468	25.051	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	226612	54.516	ug/l #	15
82) 4-Chlorotoluene	11.51	91	76074	2.838	ug/l #	42
83) tert-Butylbenzene	11.80	119	236957	7.648	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.80	105	1914927	63.862	ug/l	100
85) sec-Butylbenzene	11.80	105	1914927	54.327	ug/l #	54
86) p-Isopropyltoluene	12.07	119	24527	0.773	ug/l	95
89) n-Butylbenzene	12.37	91	67552	2.494	ug/l #	1
90) Hexachloroethane	12.58	117	15012	2.321	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2455	0.858	ug/l #	1
95) Naphthalene	13.83	128	872664	22.481	ug/l	100

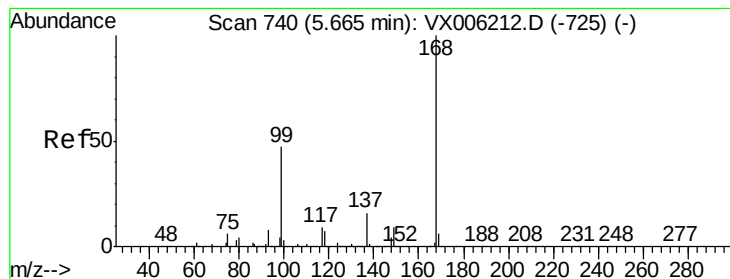
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
Data File : VX006567.D
Acq On : 17 Dec 2018 12:45
Operator : JC/MD
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Quant Time: Dec 18 00:38:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

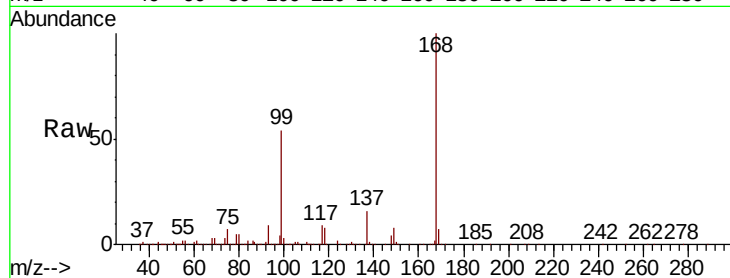
PR-MW-01_121218DL

Tot Ion:168 Resp: 690898

Ion Ratio Lower Upper

168 100

99 54.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

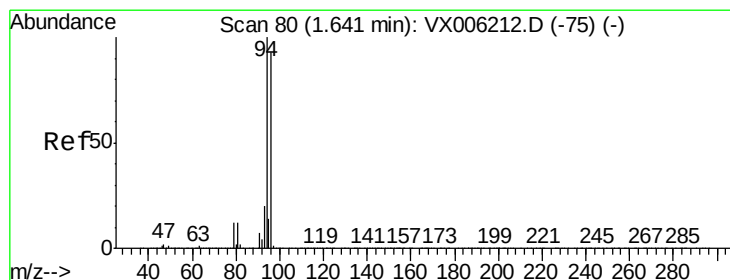
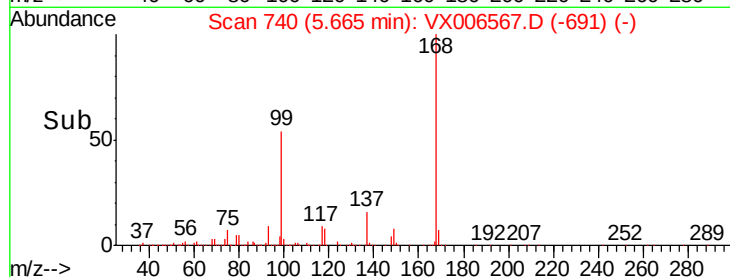
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.329 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006567.D

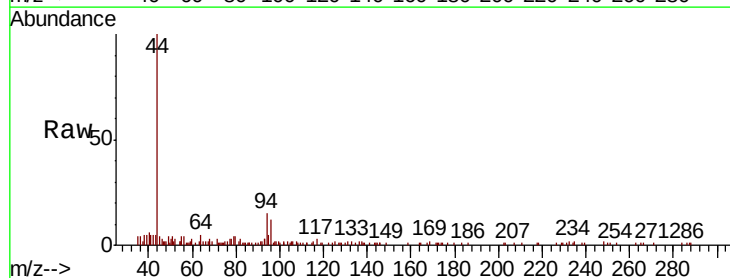
Acq: 17 Dec 2018 12:45

Tgt Ion: 94 Resp: 1708

Ion Ratio Lower Upper

94 100

96 65.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

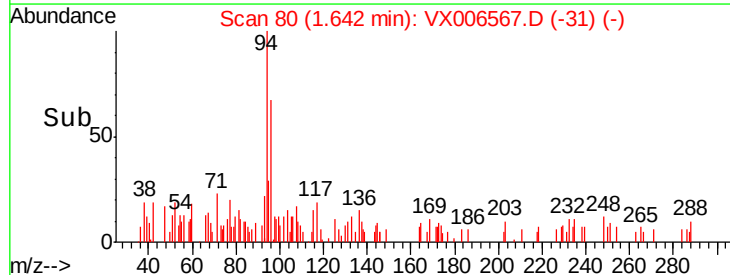
1.64

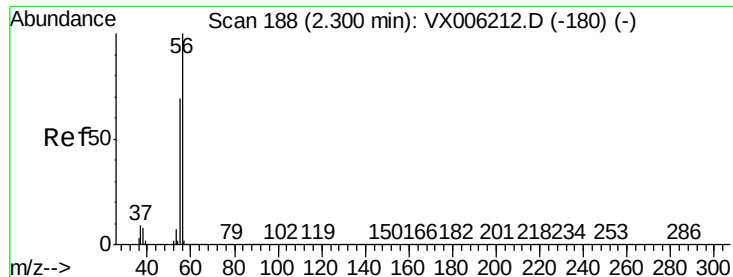
1000

500

0

Time--> 1.65 1.70





#13

Acrolein

Concen: 0.379 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.03 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

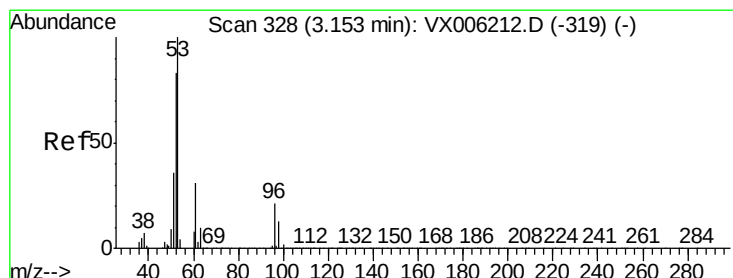
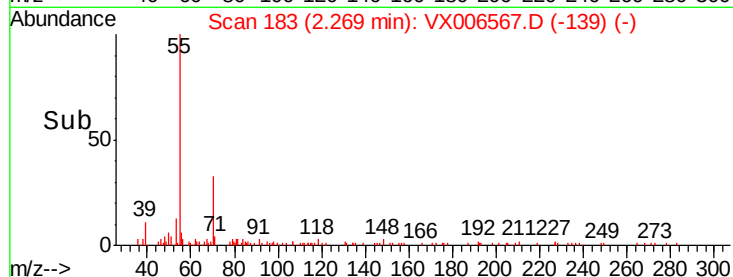
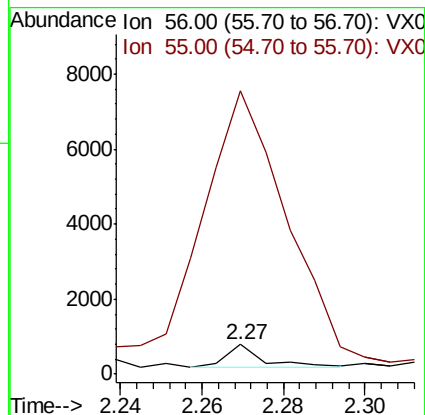
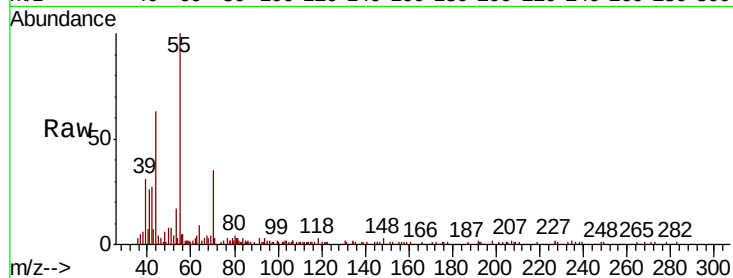
PR-MW-01_121218DL

Tot Ion: 56 Resp: 400

Ion Ratio Lower Upper

56 100

55 2744.3 57.8 86.6#



#15

Acrylonitrile

Concen: 0.254 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

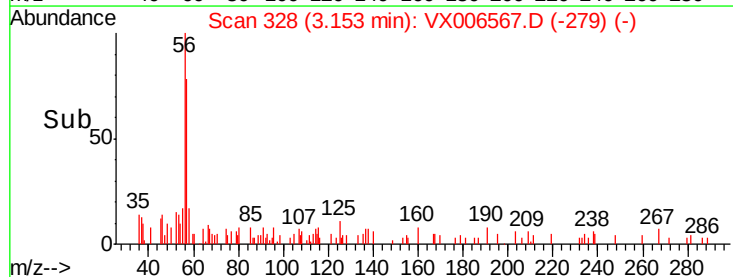
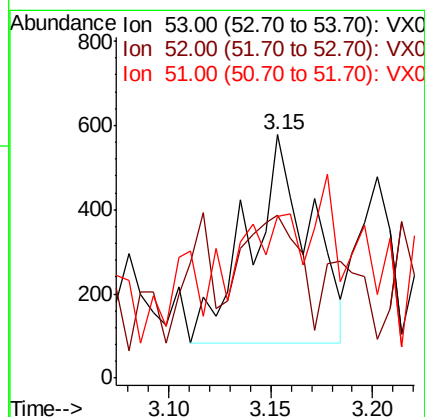
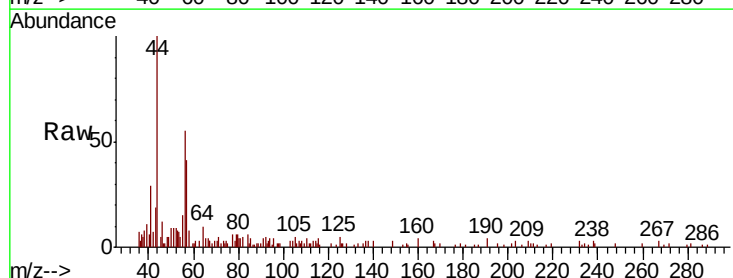
Tgt Ion: 53 Resp: 1021

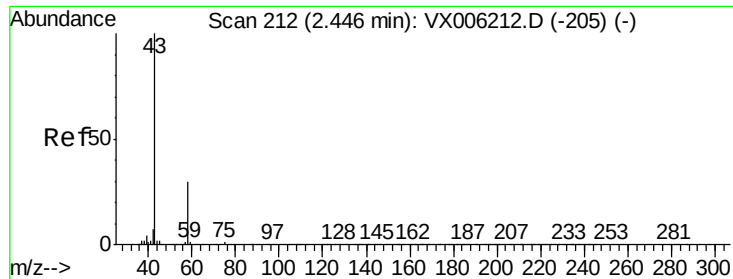
Ion Ratio Lower Upper

53 100

52 48.7 66.2 99.4#

51 48.3 28.7 43.1#

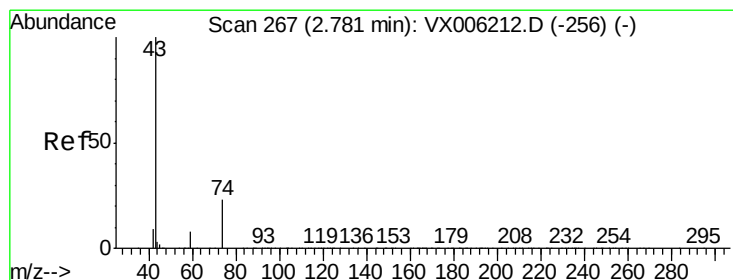
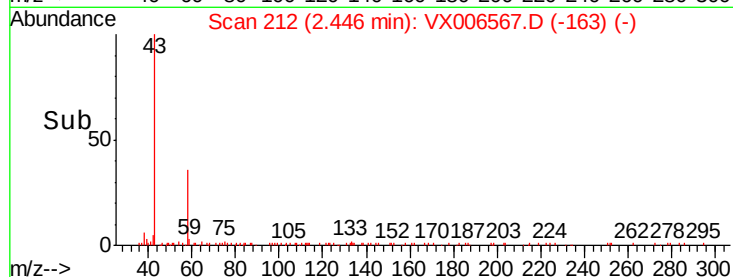
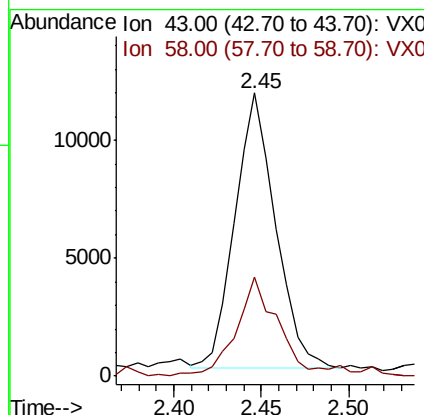
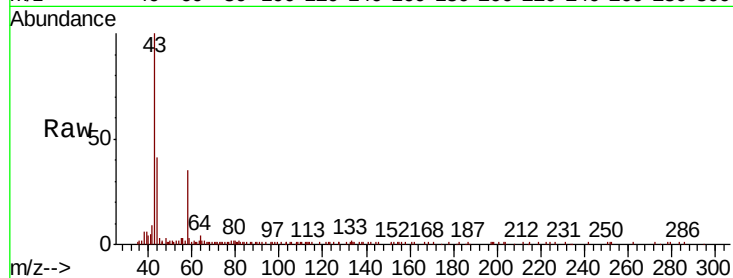




#16
Acetone
Concen: 5.683 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

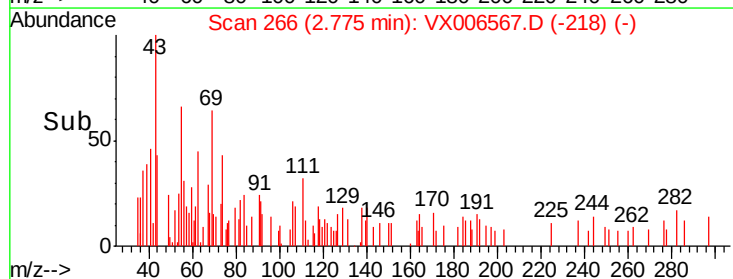
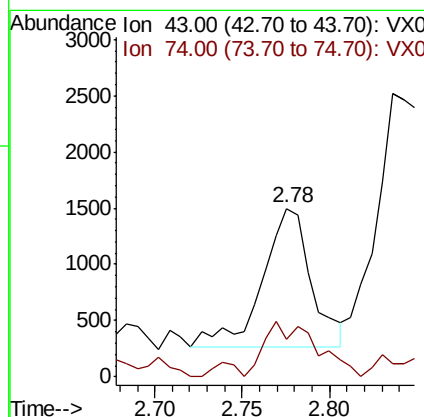
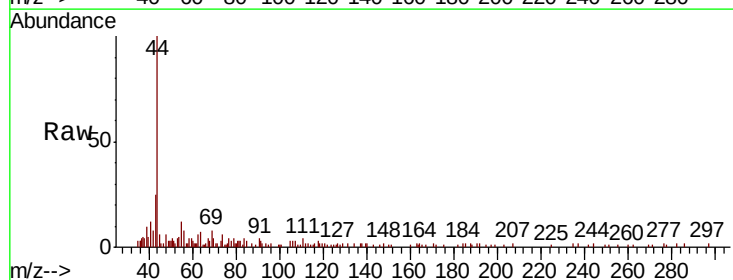
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218DL

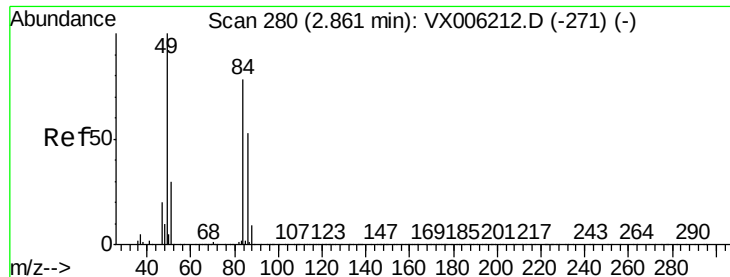
Tot Ion: 43 Resp: 18809
Ion Ratio Lower Upper
43 100
58 35.0 24.0 36.0



#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
74 42.5 17.9 26.9#

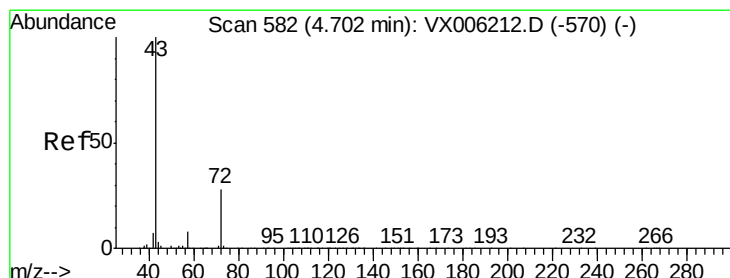
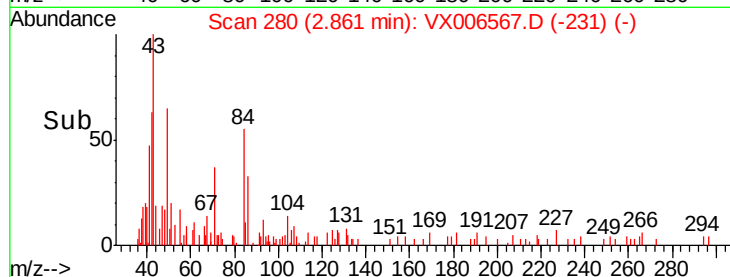
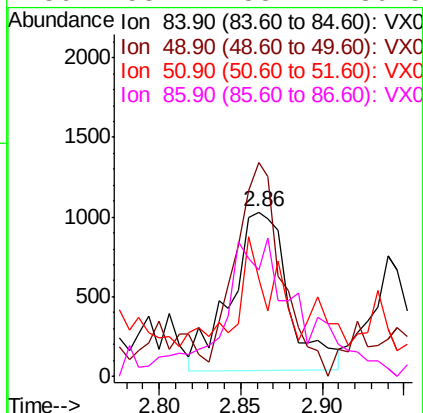
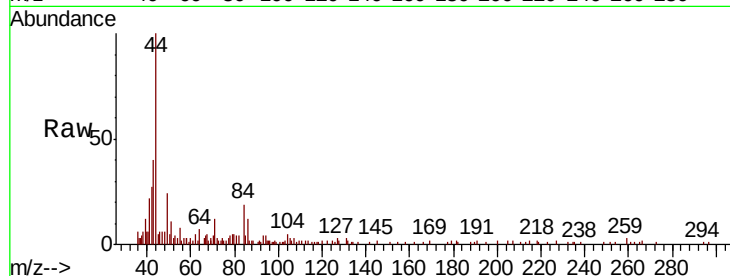




#20
Methvlene Chloride
Concen: 0.349 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

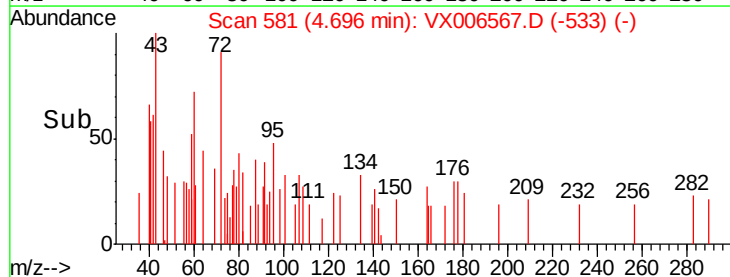
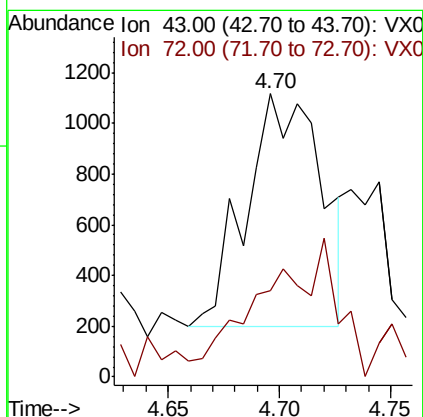
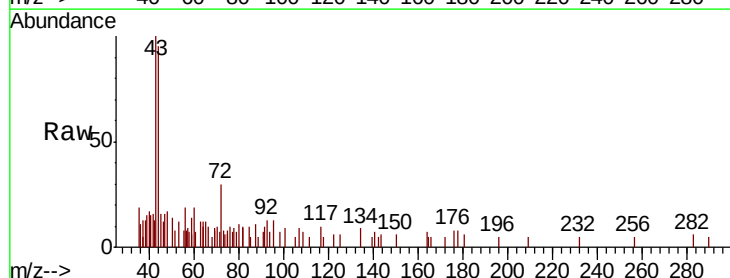
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218DL

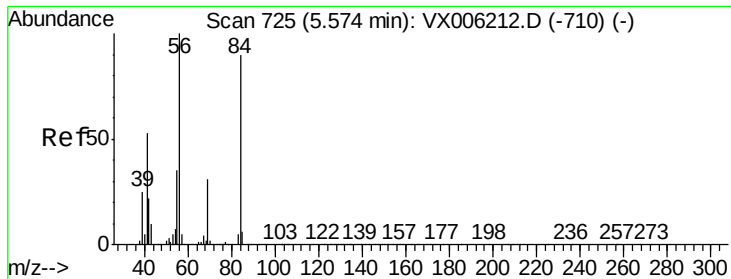
Tot Ion: 84 Resp: 2458
Ion Ratio Lower Upper
84 100
49 129.1 102.2 153.4
51 37.2 31.1 46.7
86 58.2 53.7 80.5



#25
2-Butanone
Concen: 0.455 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
72 20.8 22.6 33.8#

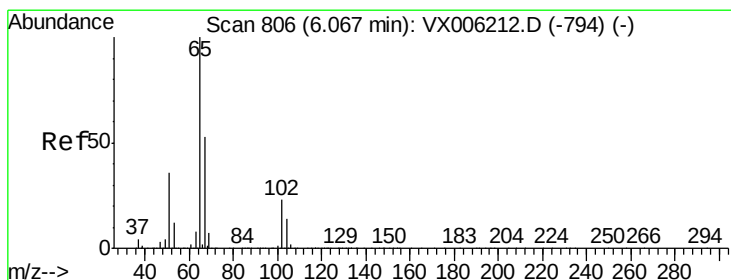
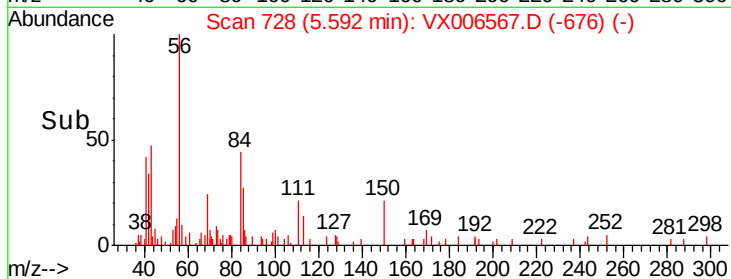
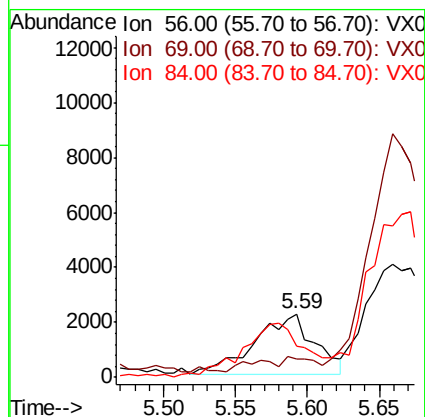
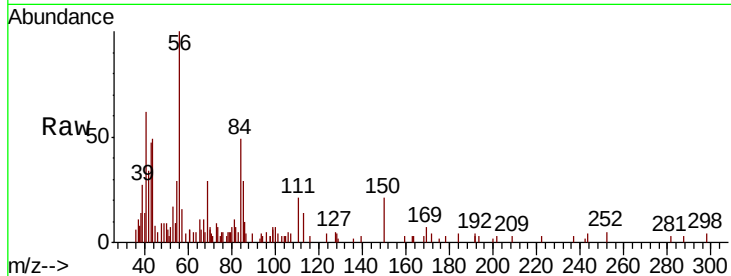




#31
Cyclohexane
Concen: 0.622 ug/l
RT: 5.59 min Scan# 728
Delta R.T. 0.02 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

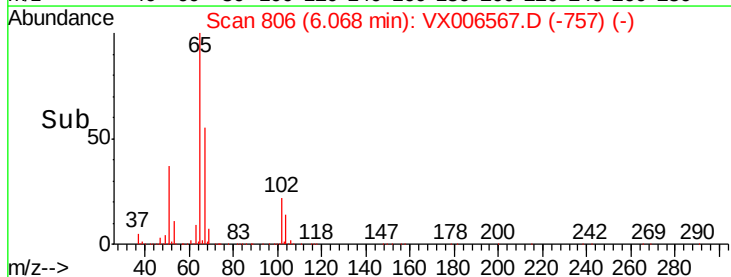
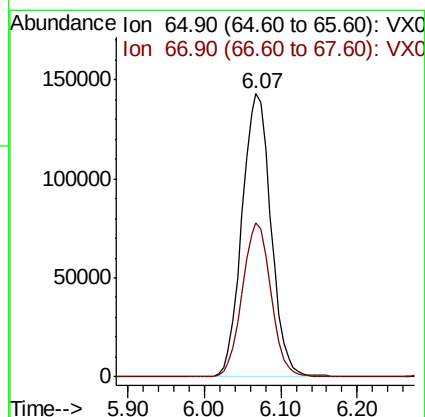
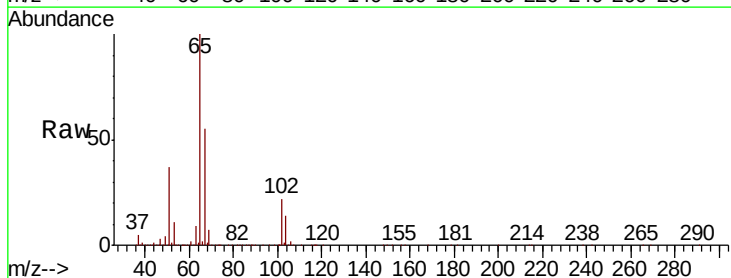
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218DL

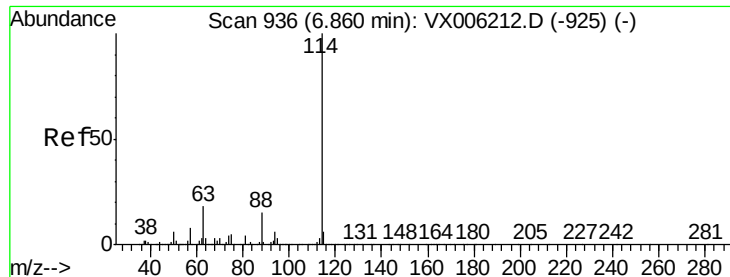
Tot Ion: 56 Resp: 6333
Ion Ratio Lower Upper
56 100
69 21.2 24.5 36.7#
84 44.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 53.392 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

Tgt Ion: 65 Resp: 376572
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218DL

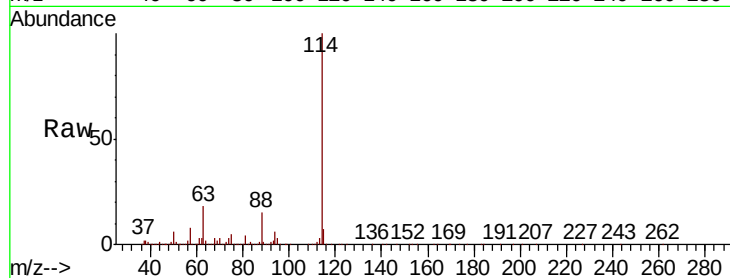
Tot Ion:114 Resp: 1090048

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

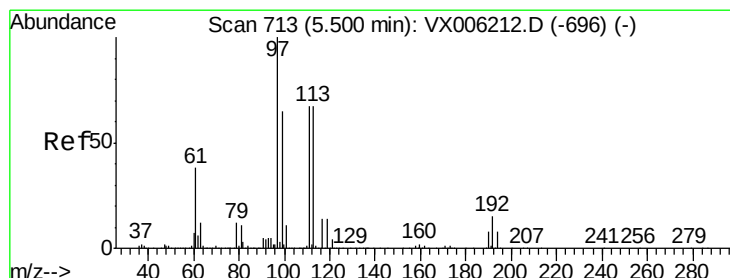
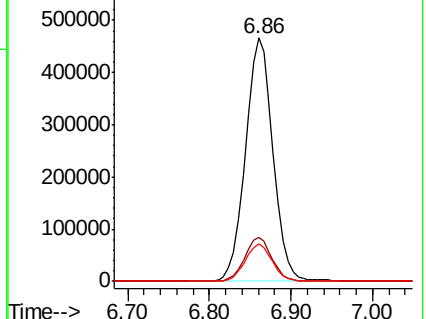
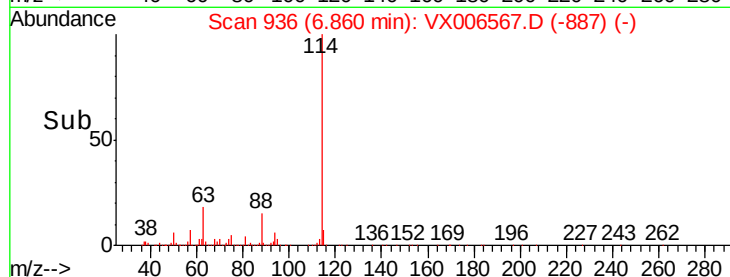
88 15.2 0.0 29.0



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: 48.415 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

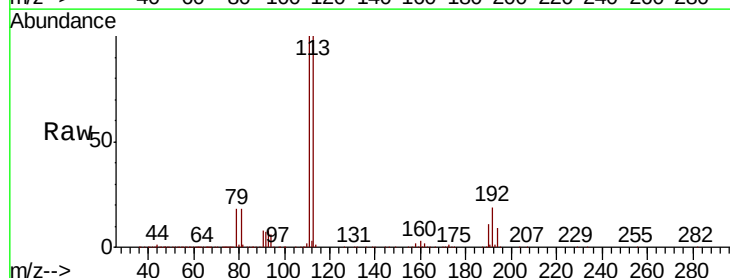
Tgt Ion:113 Resp: 341692

Ion Ratio Lower Upper

113 100

111 100.2 81.1 121.7

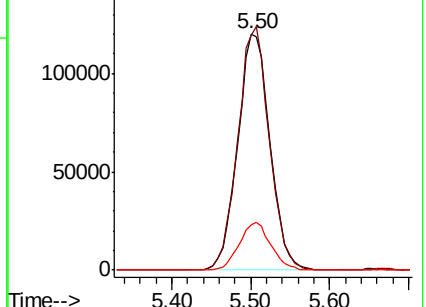
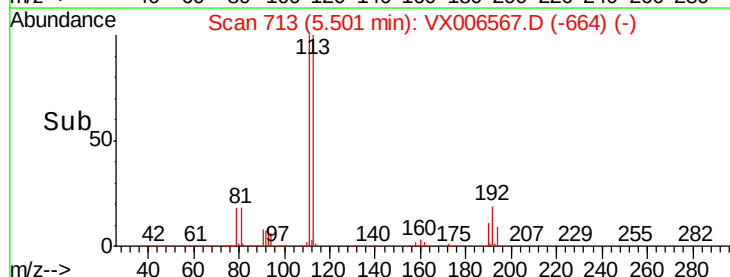
192 20.0 18.2 27.2

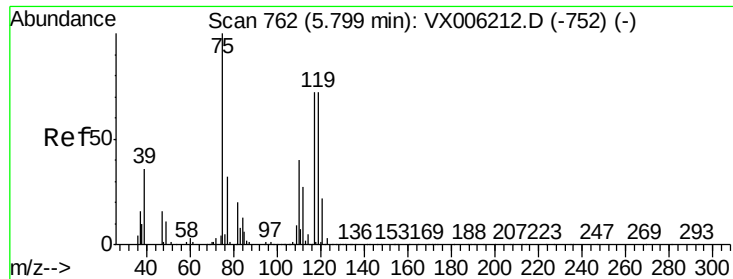


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

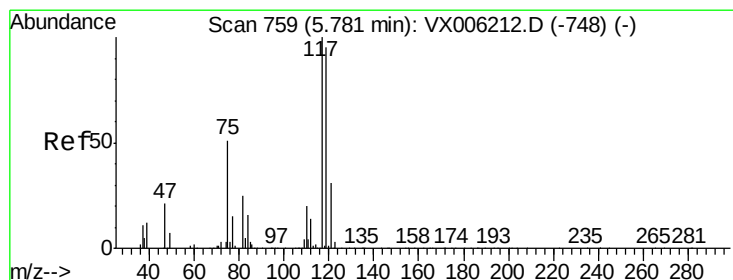
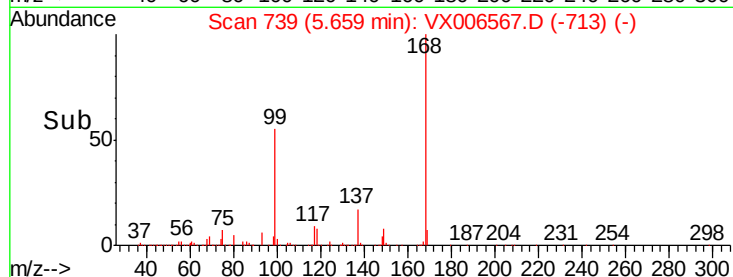
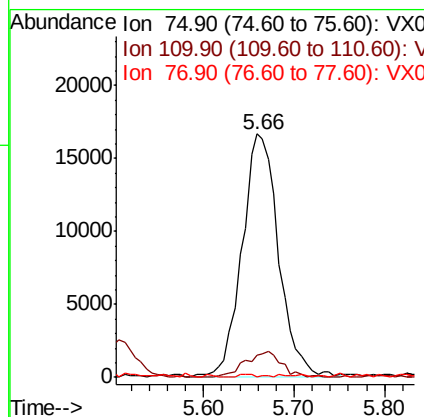
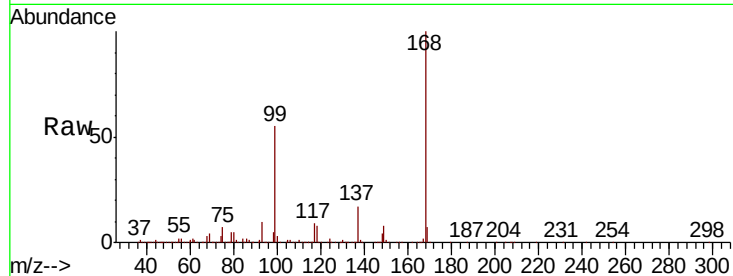




#36
 1,1-Dichloropropene
 Concen: 5.093 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006567.D
 Acq: 17 Dec 2018 12:45

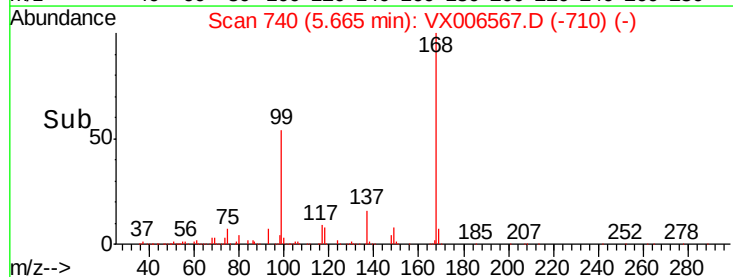
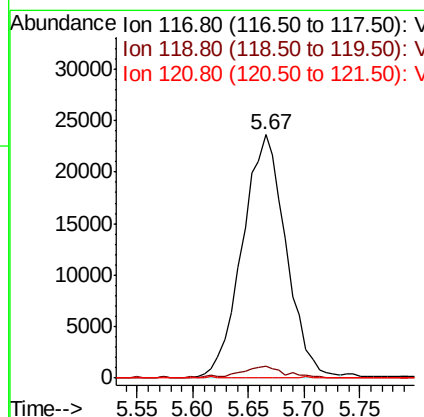
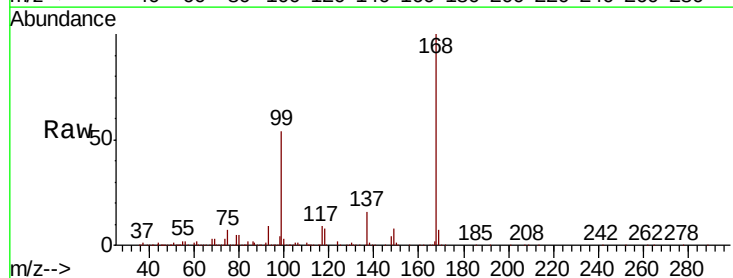
Instrument :
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 ClientSampleId :
 PR-MW-01_121218DL

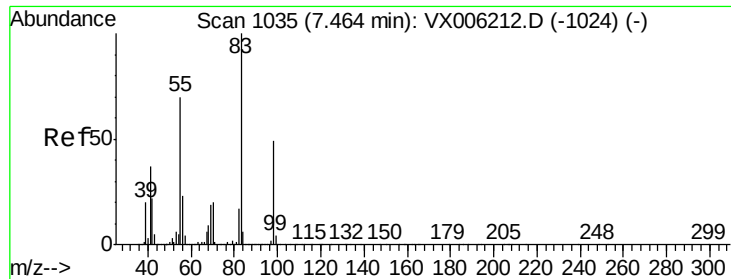
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.987 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006567.D
 Acq: 17 Dec 2018 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.8#
121	0.0	24.6	37.0#

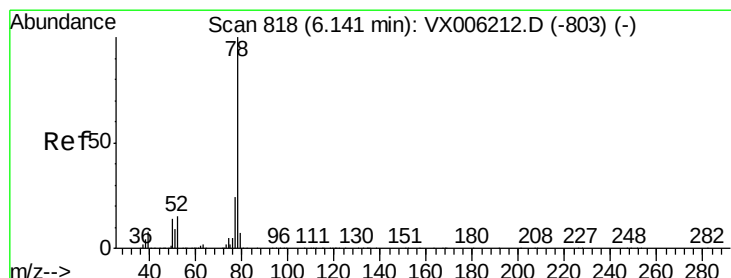
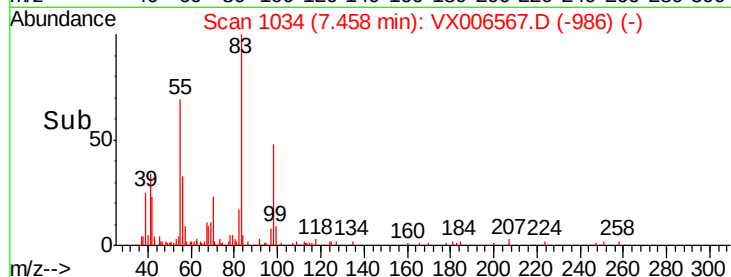
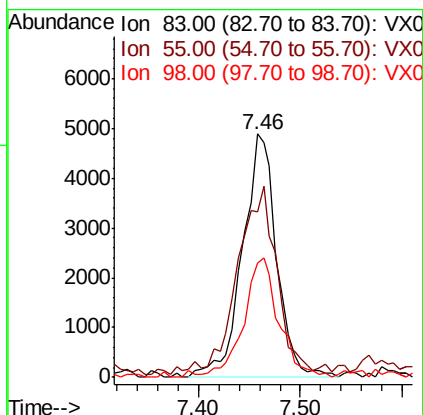
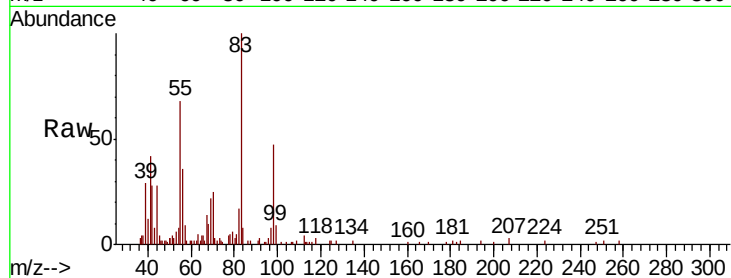




#39
Methylvlcyclohexane
Concen: 0.956 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

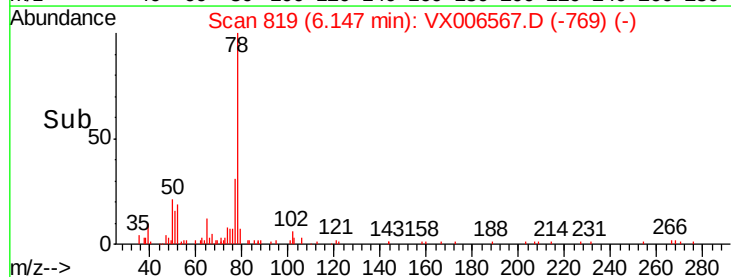
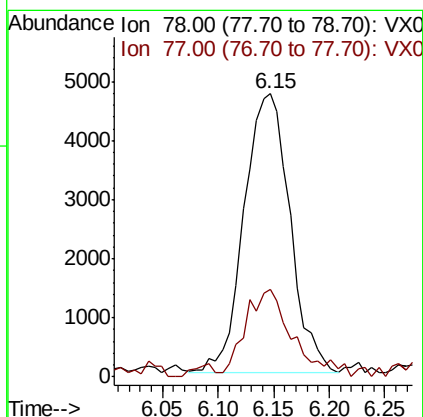
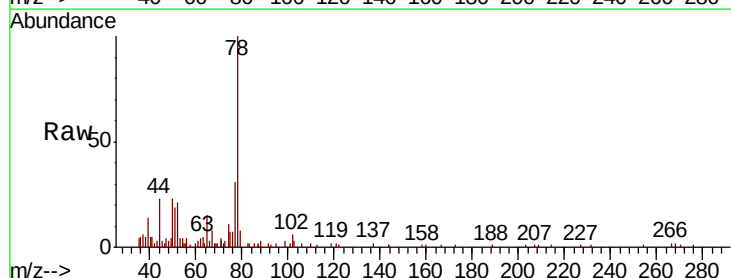
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218DL

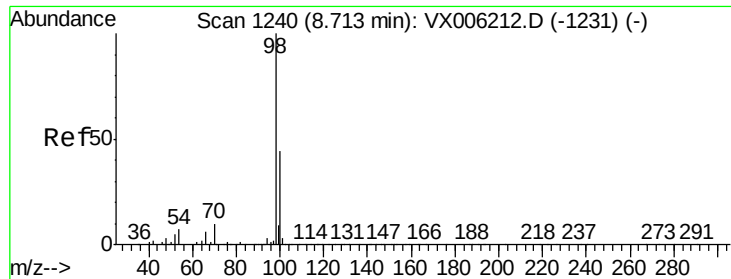
Tot Ion: 83 Resp: 11385
Ion Ratio Lower Upper
83 100
55 64.9 56.4 84.6
98 45.9 39.0 58.6



#40
Benzene
Concen: 0.491 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

Tgt Ion: 78 Resp: 13499
Ion Ratio Lower Upper
78 100
77 28.6 19.2 28.8

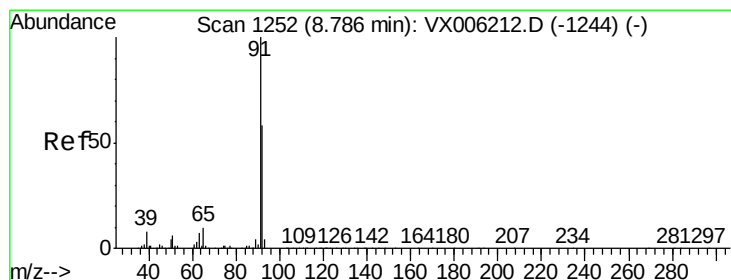
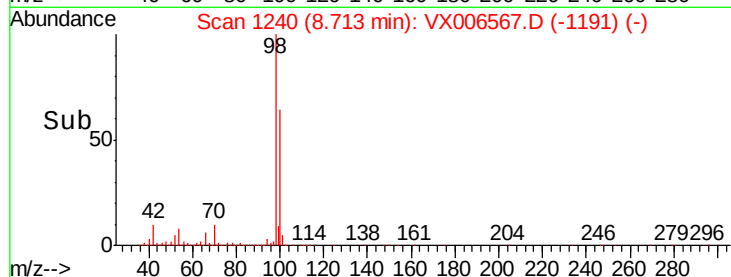
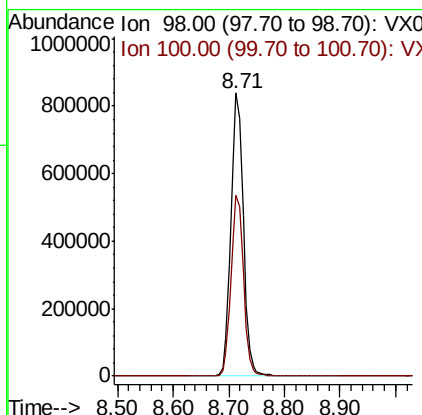
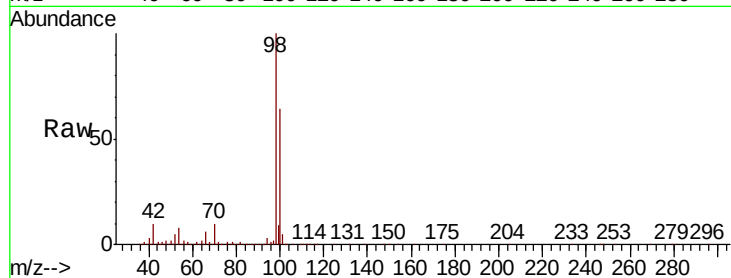




#50
Toluene-d8
Concen: 50.904 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

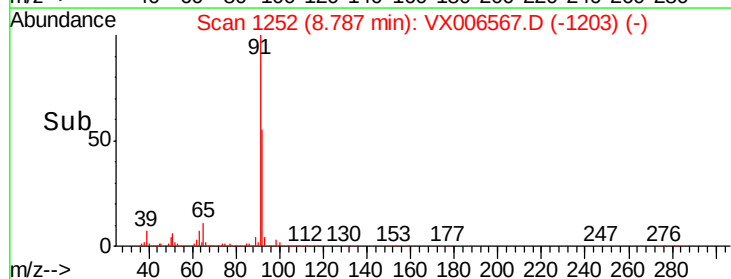
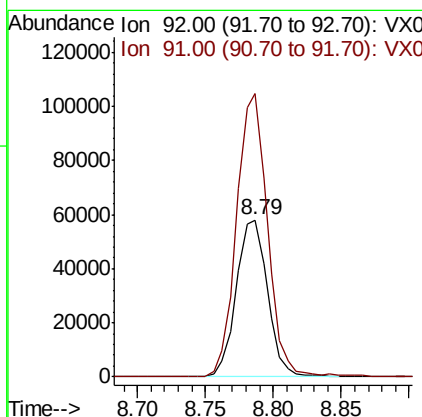
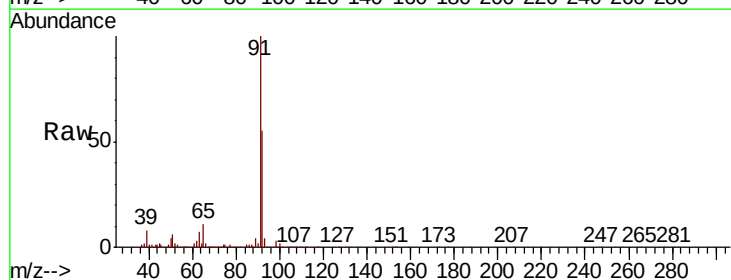
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218DL

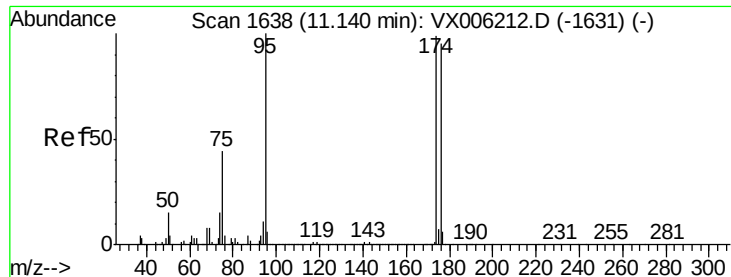
Tot Ion: 98 Resp: 1306793
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#52
Toluene
Concen: 5.146 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

Tgt Ion: 92 Resp: 93074
Ion Ratio Lower Upper
92 100
91 179.2 139.2 208.8

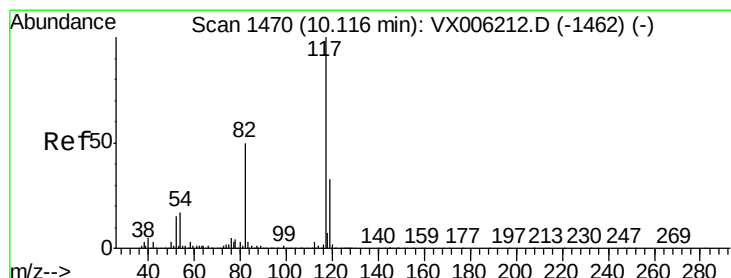
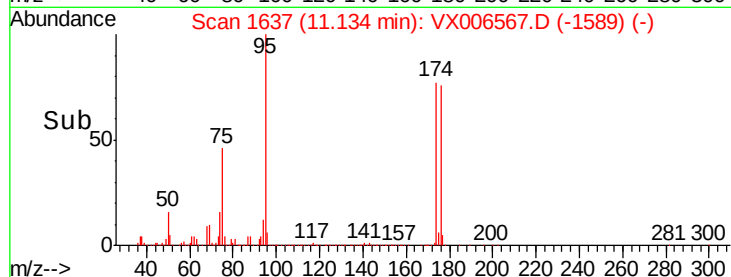
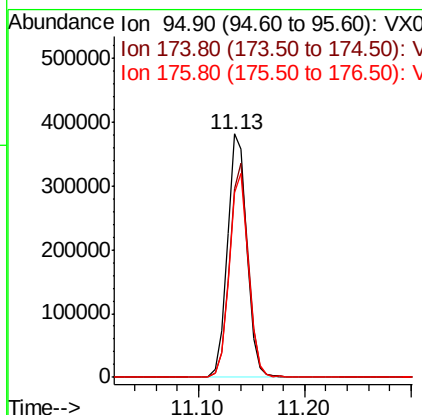
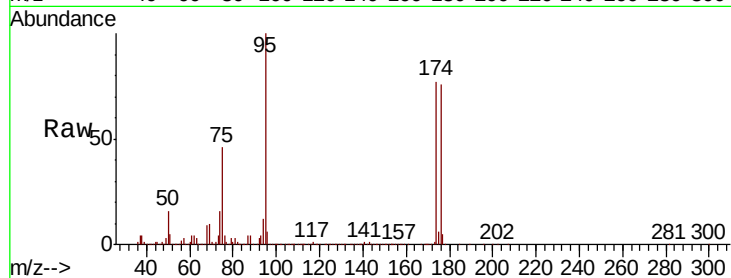




#62
4-Bromofluorobenzene
Concen: 50.313 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

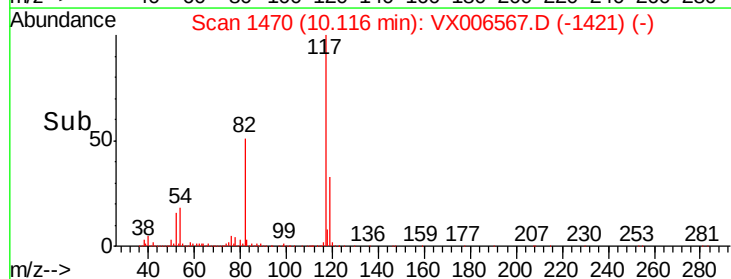
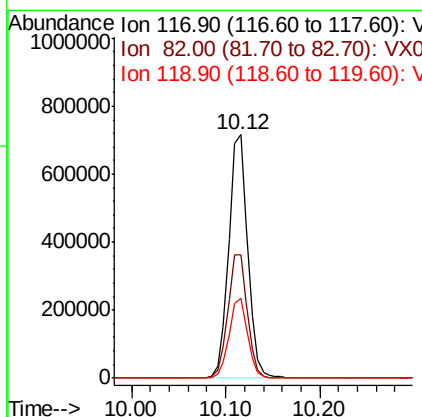
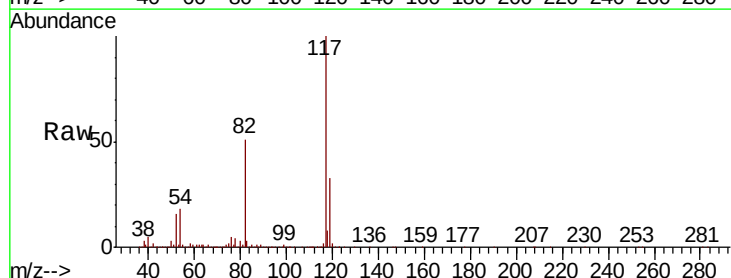
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218DL

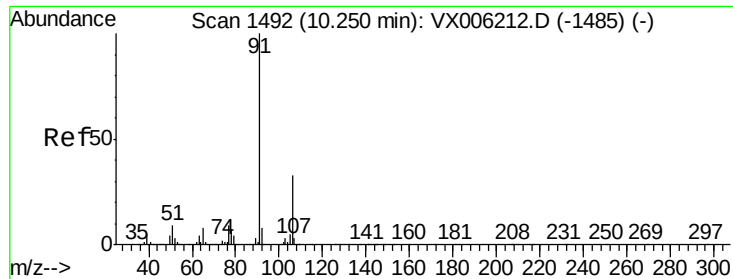
Tot Ion: 95 Resp: 486721
Ion Ratio Lower Upper
95 100
174 85.8 0.0 187.0
176 83.0 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

Tgt Ion: 117 Resp: 1000366
Ion Ratio Lower Upper
117 100
82 50.8 39.6 59.4
119 33.0 26.3 39.5

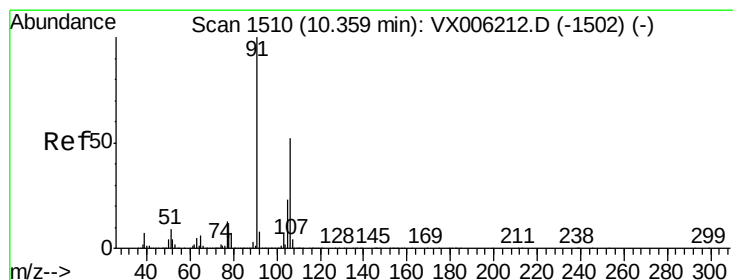
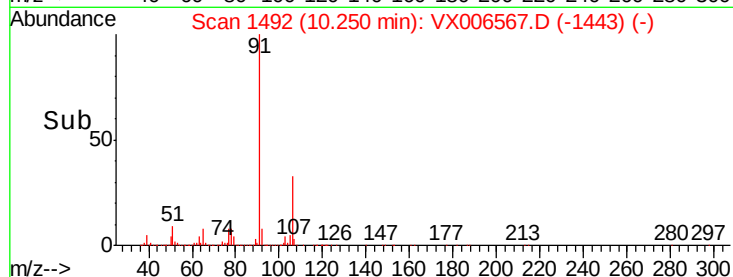
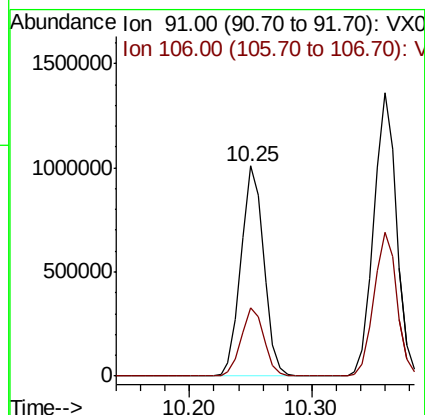
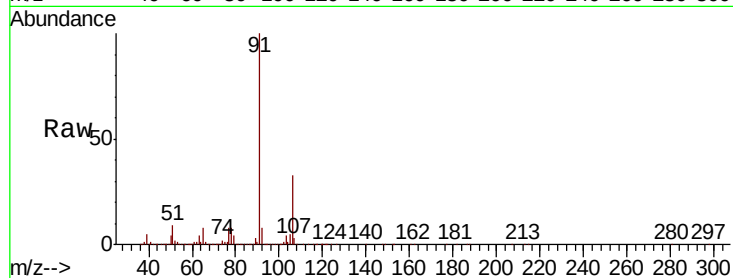




#67
Ethyl Benzene
Concen: 36.843 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

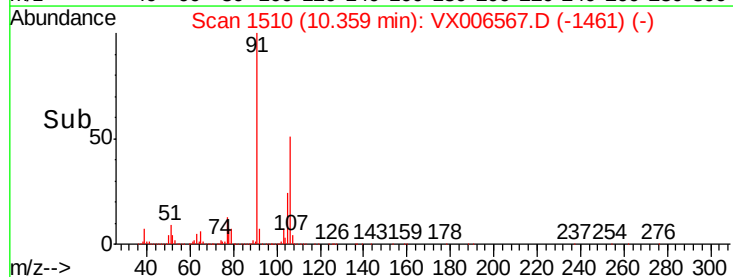
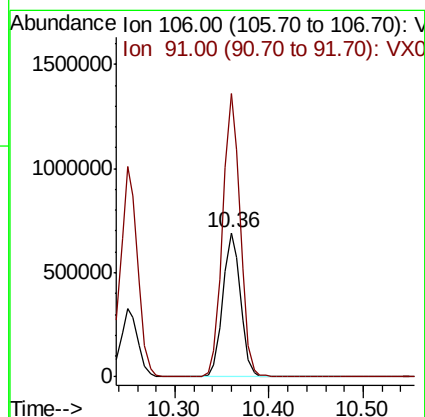
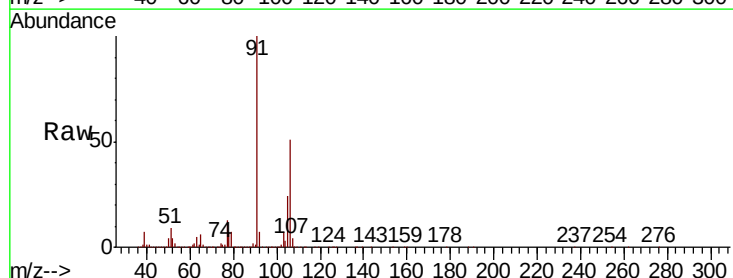
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218DL

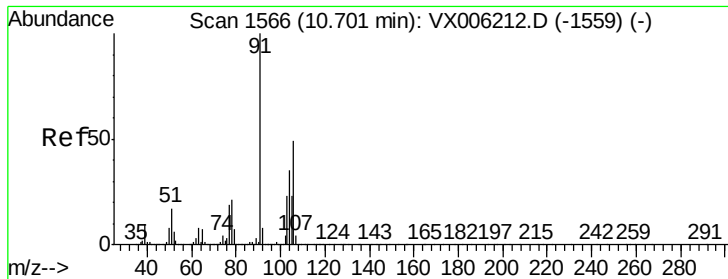
Tot Ion: 91 Resp: 1301252
Ion Ratio Lower Upper
91 100
106 32.7 26.5 39.7



#68
m/p-Xylenes
Concen: 63.608 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

Tgt Ion: 106 Resp: 899913
Ion Ratio Lower Upper
106 100
91 195.0 155.2 232.8

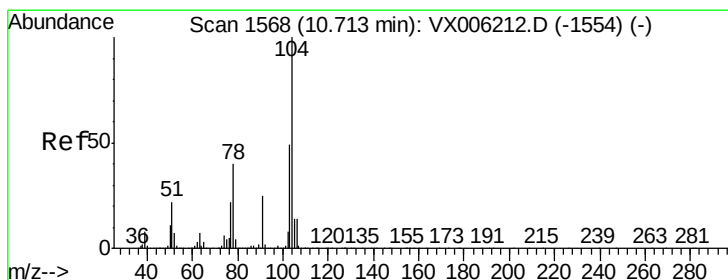
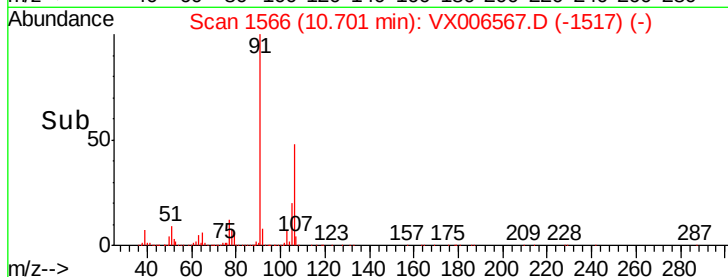
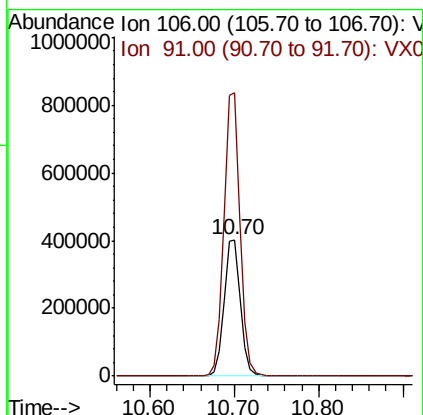
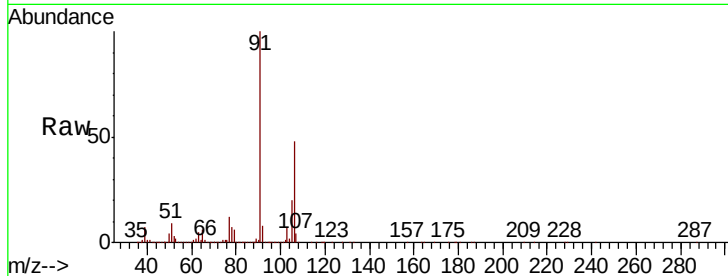




#69
o-Xylene
Concen: 38.612 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

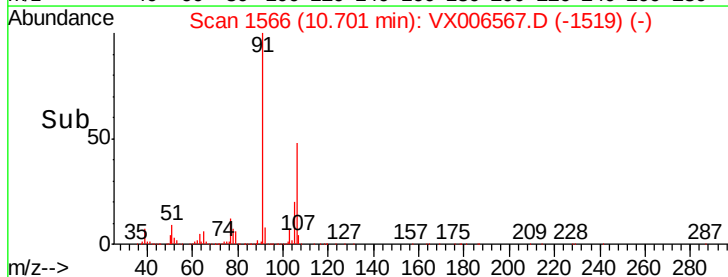
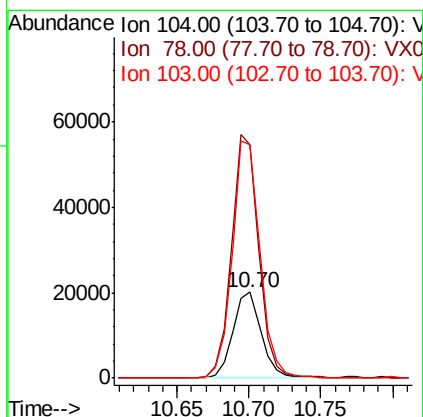
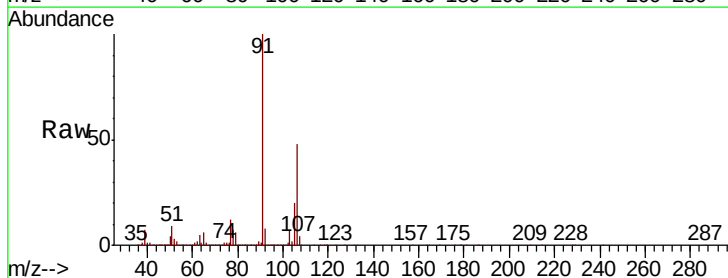
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218DL

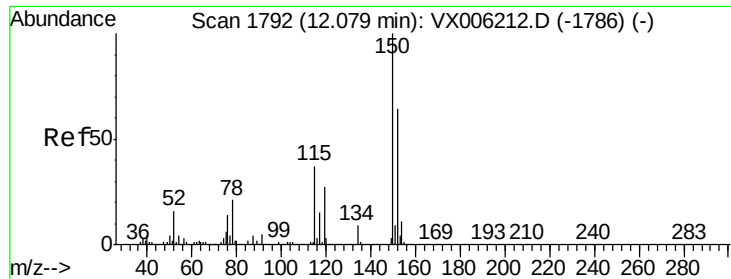
Tot Ion:106 Resp: 539584
Ion Ratio Lower Upper
106 100
91 206.5 101.8 305.6



#70
Styrene
Concen: 1.236 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006567.D
Acq: 17 Dec 2018 12:45

Tgt Ion:104 Resp: 27943
Ion Ratio Lower Upper
104 100
78 268.2 37.2 55.8#
103 268.8 43.5 65.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218DL

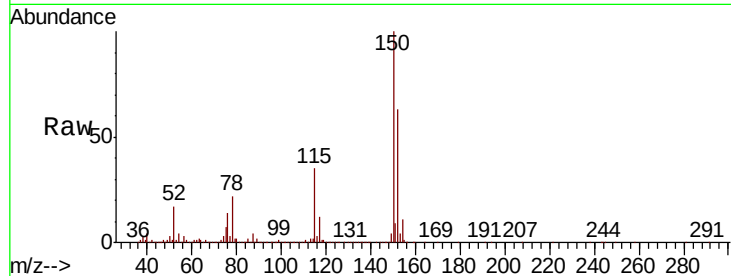
Tot Ion:152 Resp: 505388

Ion Ratio Lower Upper

152 100

115 56.4 39.0 116.9

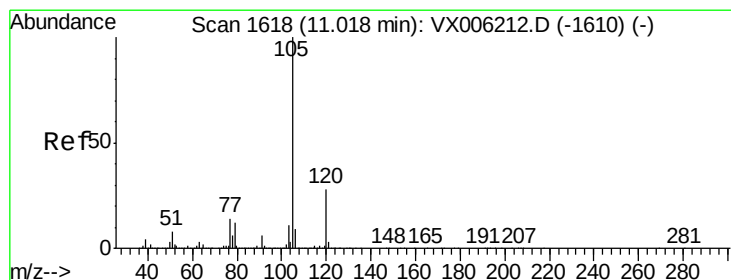
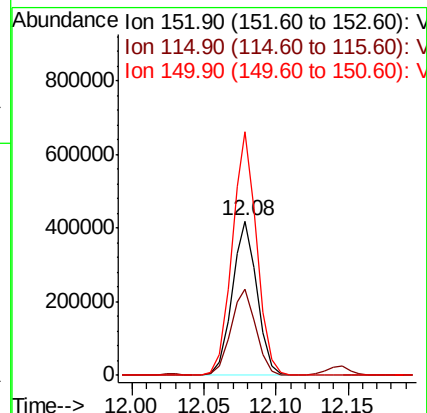
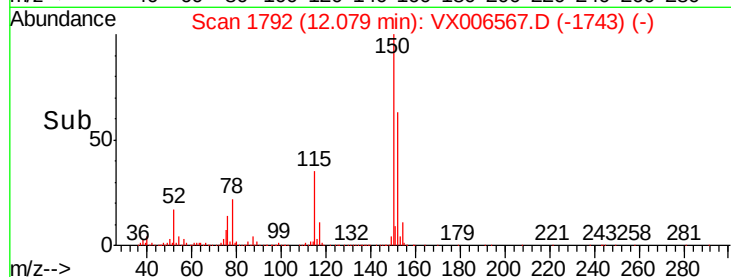
150 155.9 0.0 345.8



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: 4.477 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006567.D

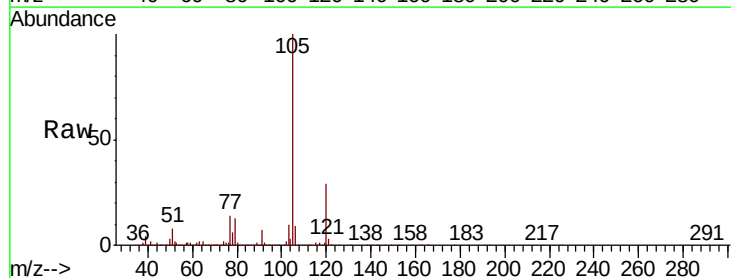
Acq: 17 Dec 2018 12:45

Tgt Ion:105 Resp: 156242

Ion Ratio Lower Upper

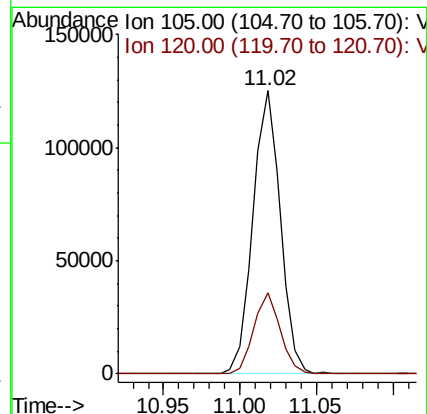
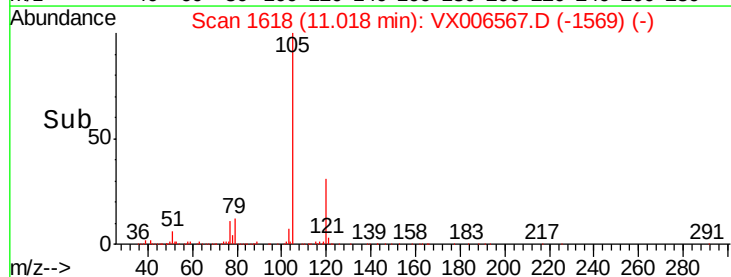
105 100

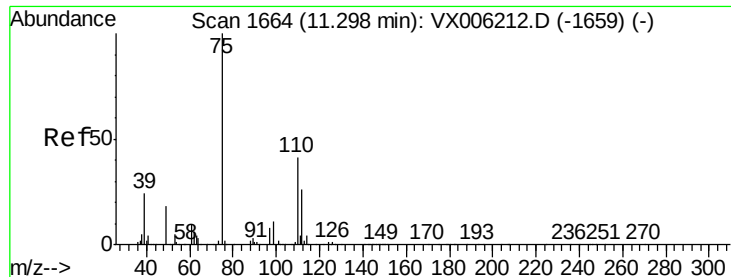
120 28.0 14.1 42.3



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: 23.231 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

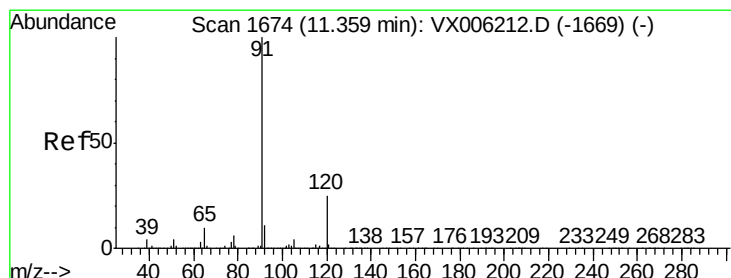
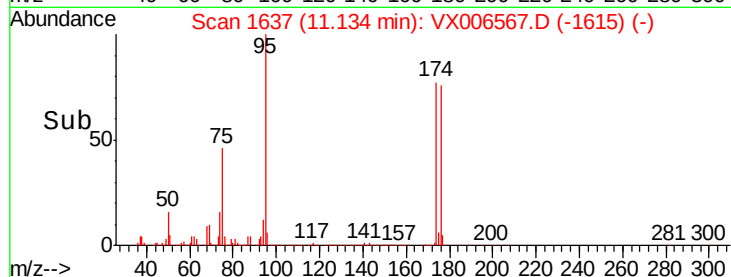
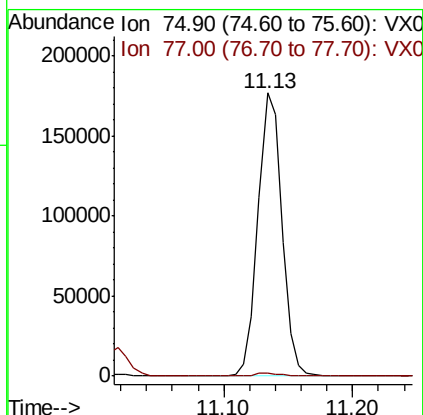
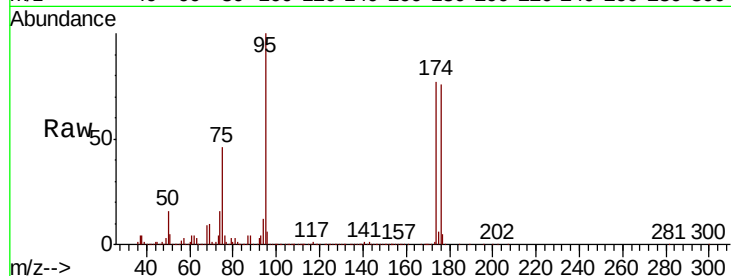
PR-MW-01_121218DL

Tot Ion: 75 Resp: 226612

Ion Ratio Lower Upper

75 100

77 1.2 19.9 59.7#



#78

n-propylbenzene

Concen: 4.803 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006567.D

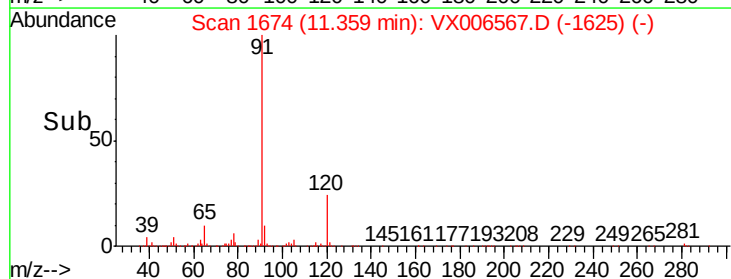
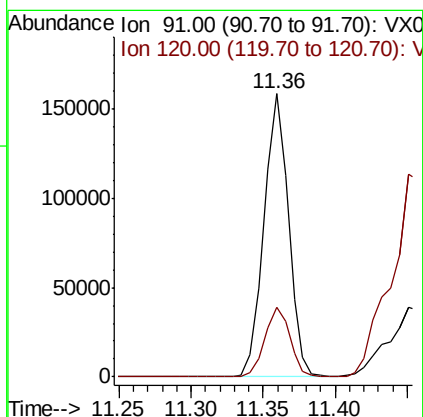
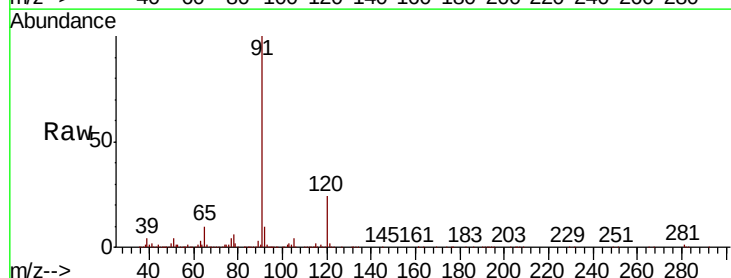
Acq: 17 Dec 2018 12:45

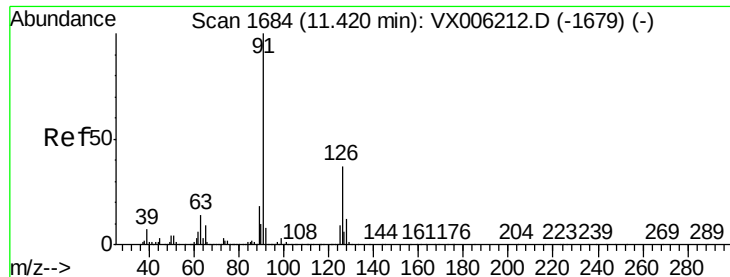
Tgt Ion: 91 Resp: 186341

Ion Ratio Lower Upper

91 100

120 25.4 12.7 38.0





#79

2-Chlorotoluene

Concen: 3.019 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

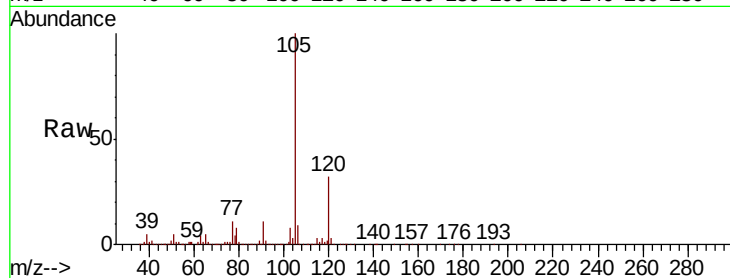
PR-MW-01_121218DL

Tot Ion: 91 Resp: 69618

Ion Ratio Lower Upper

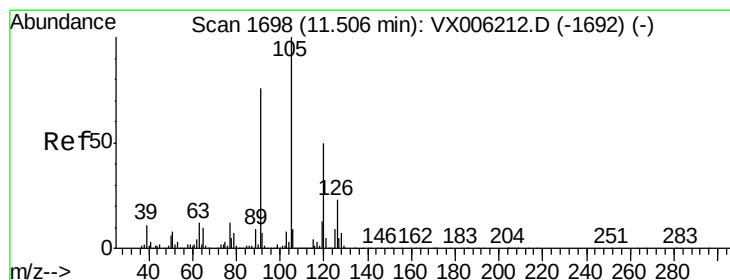
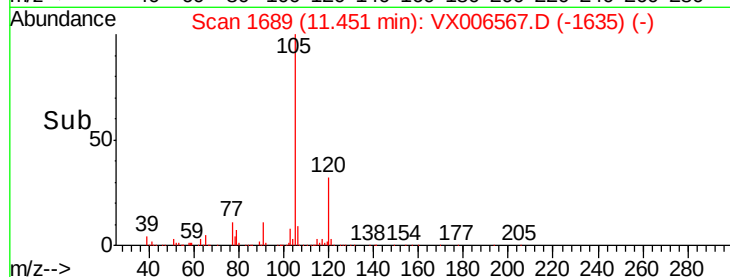
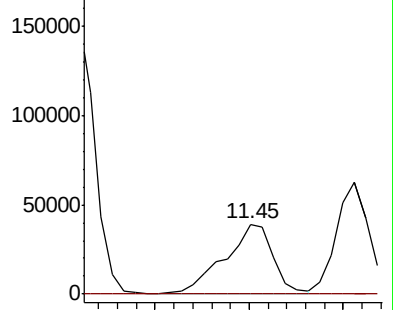
91 100

126 0.5 18.6 56.0#



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: 25.051 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006567.D

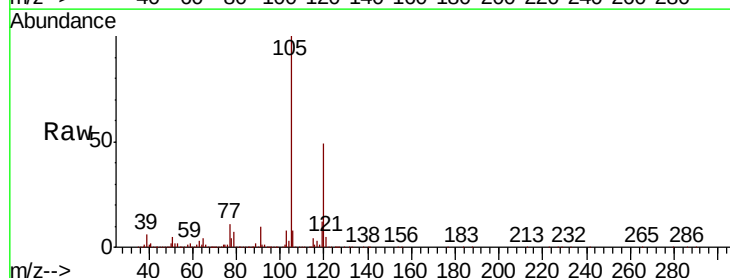
Acq: 17 Dec 2018 12:45

Tgt Ion:105 Resp: 727468

Ion Ratio Lower Upper

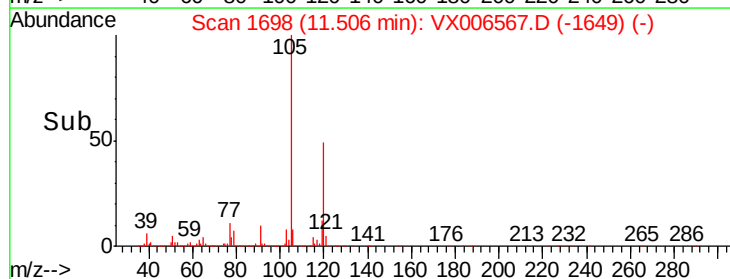
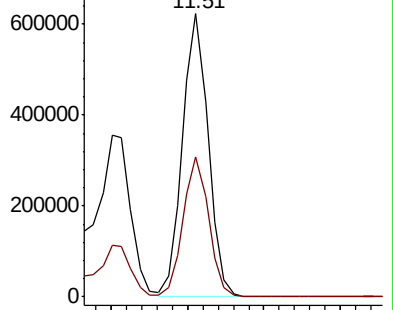
105 100

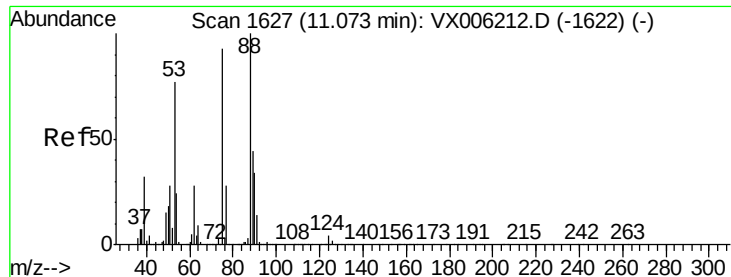
120 49.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.516 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218DL

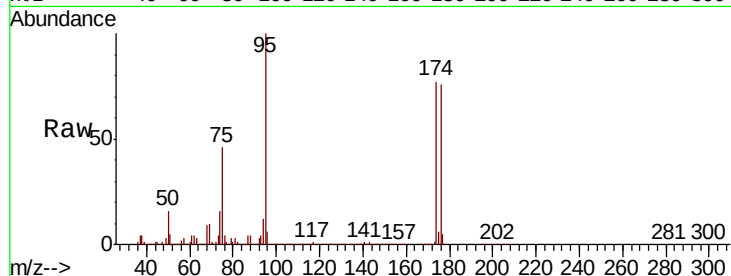
Tot Ion: 75 Resp: 226612

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

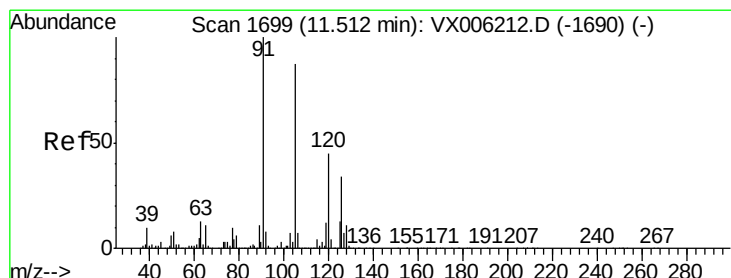
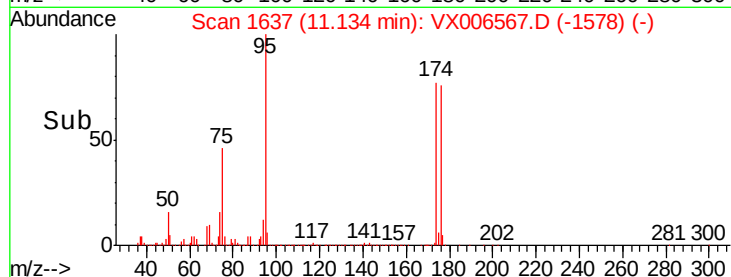
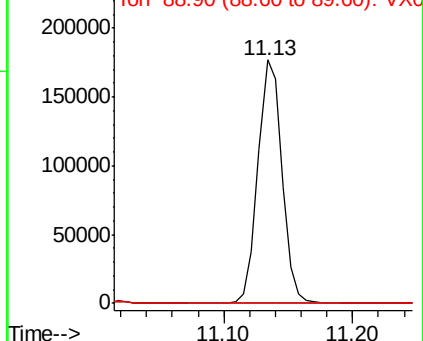
89 0.1 44.2 66.4#



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: 2.838 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006567.D

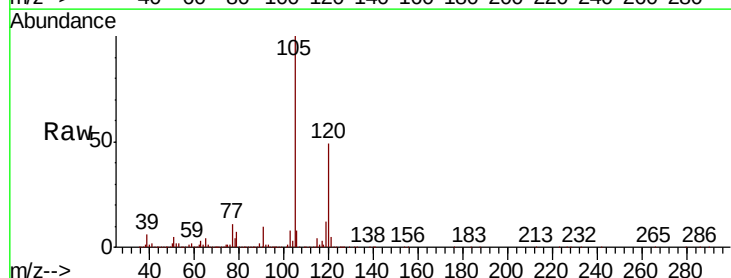
Acq: 17 Dec 2018 12:45

Tgt Ion: 91 Resp: 76074

Ion Ratio Lower Upper

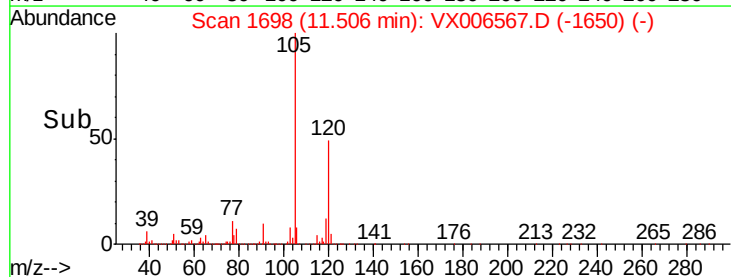
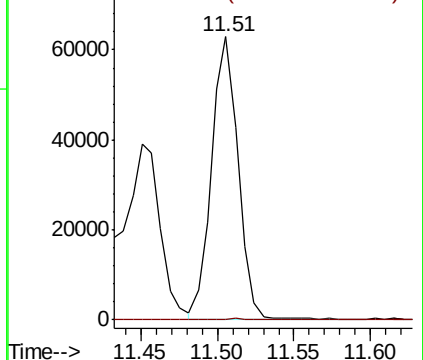
91 100

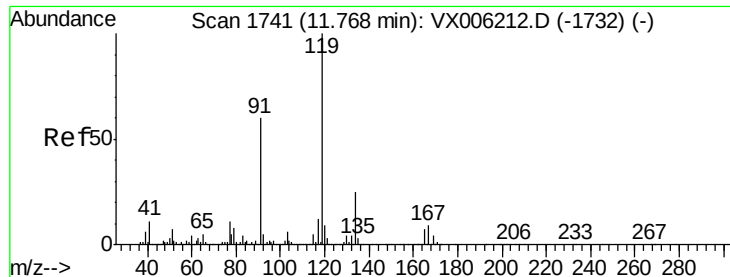
126 0.3 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 7.648 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218DL

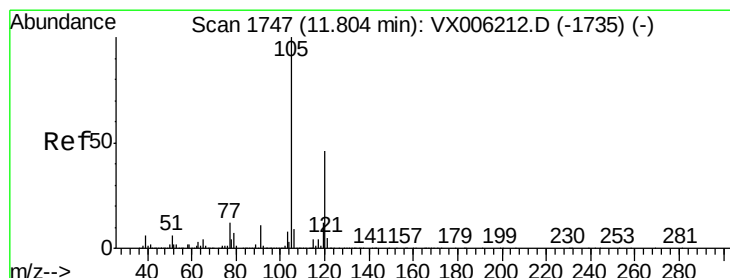
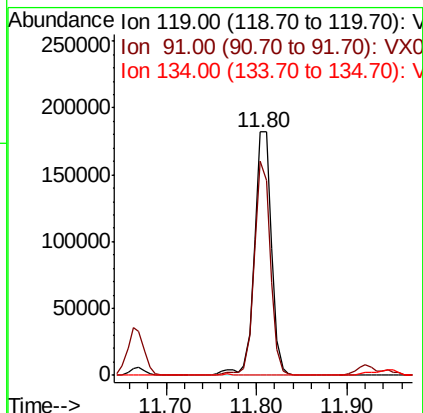
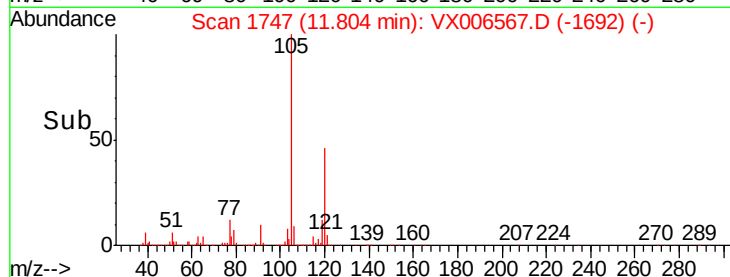
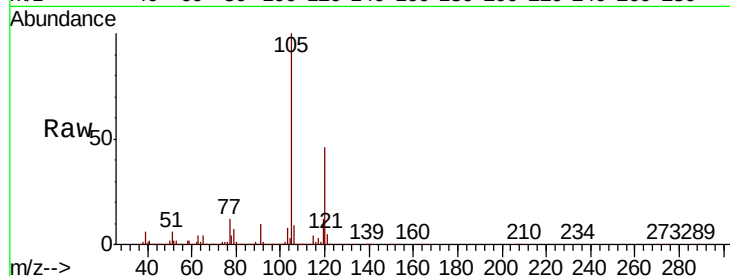
Tot Ion:119 Resp: 236957

Ion Ratio Lower Upper

119 100

91 83.5 26.4 79.2#

134 0.0 11.6 34.7#



#84

1,2,4-Trimethylbenzene

Concen: 63.862 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006567.D

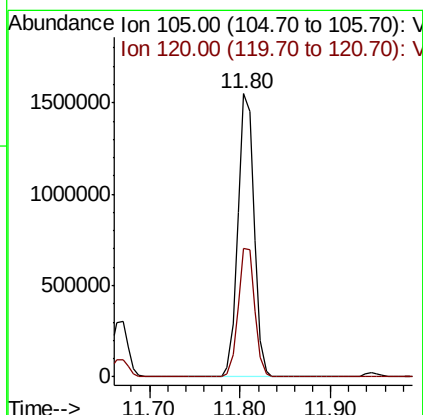
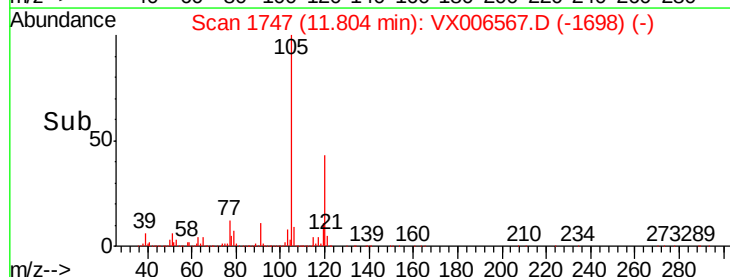
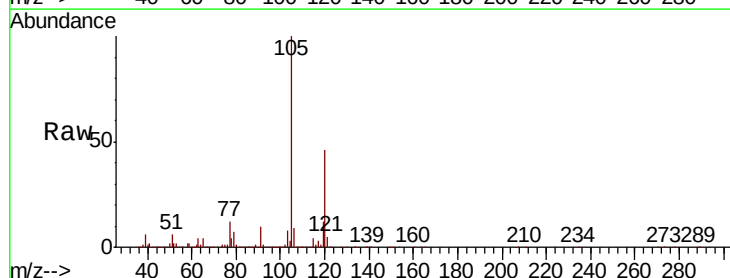
Acq: 17 Dec 2018 12:45

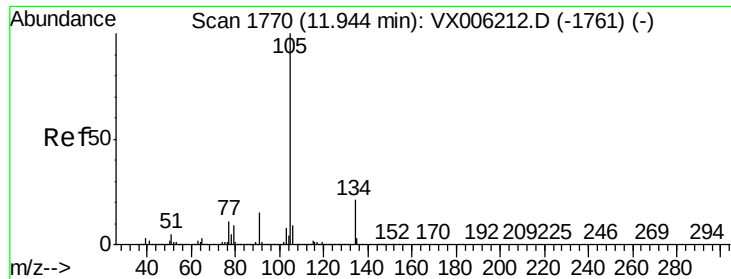
Tgt Ion:105 Resp: 1914927

Ion Ratio Lower Upper

105 100

120 46.4 23.4 70.0

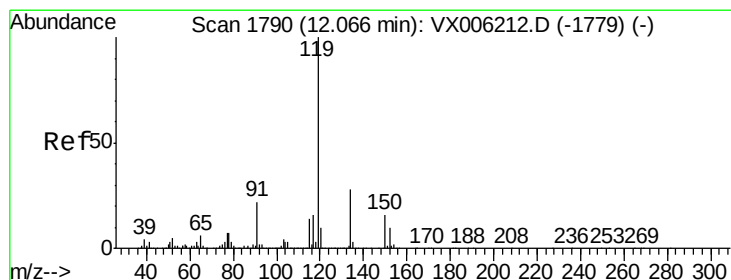
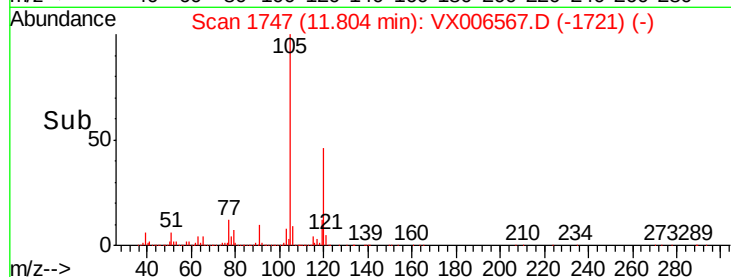
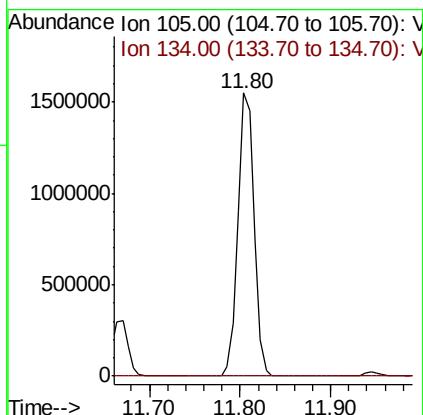
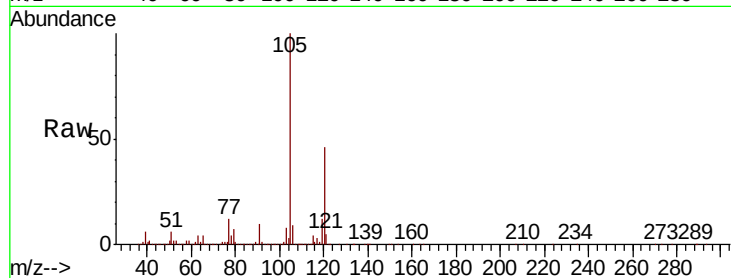




#85
 sec-Butylbenzene
 Concen: 54.327 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX006567.D
 Acq: 17 Dec 2018 12:45

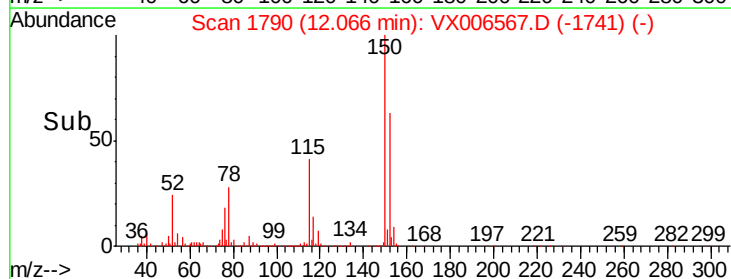
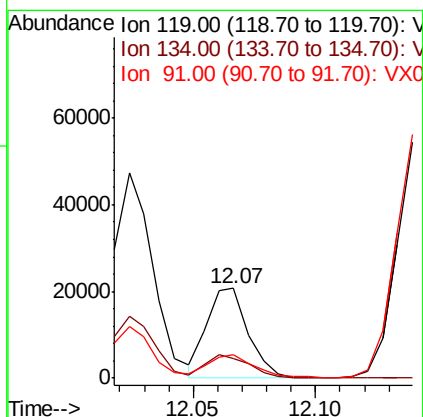
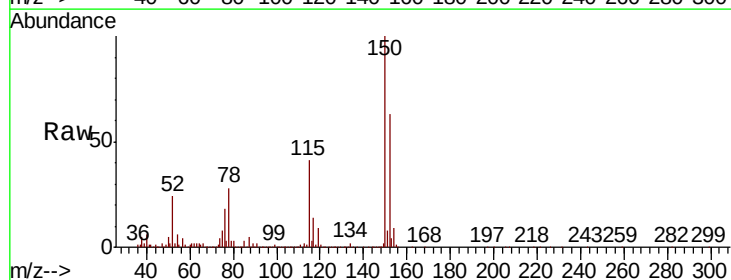
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01_121218DL

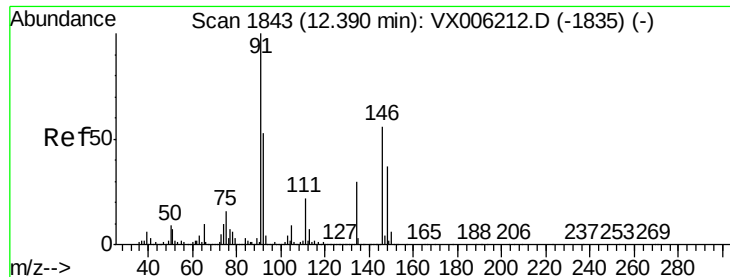
Tot Ion:105 Resp: 1914927
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 0.773 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006567.D
 Acq: 17 Dec 2018 12:45

Tgt Ion:119 Resp: 24527
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.9 41.6
 91 27.5 11.3 33.8





#89

n-Butylbenzene

Concen: 2.494 ug/l

RT: 12.37 min Scan# 1840

Delta R.T. -0.02 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218DL

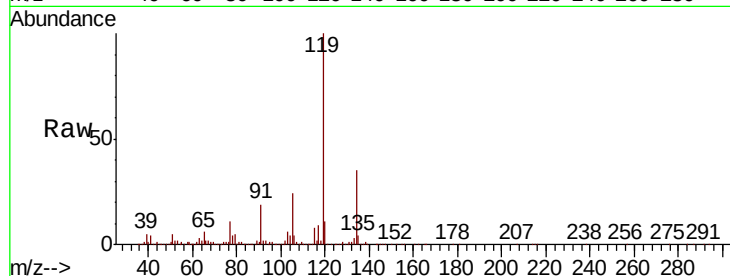
Tot Ion: 91 Resp: 67552

Ion Ratio Lower Upper

91 100

92 22.2 26.6 79.8#

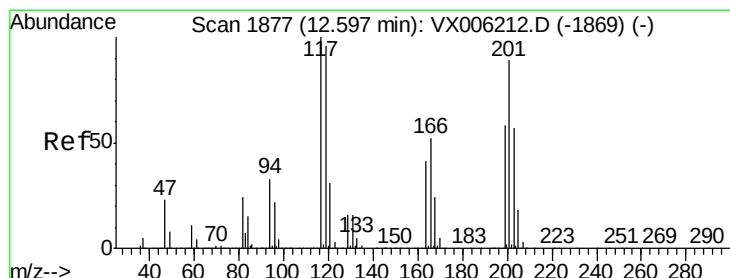
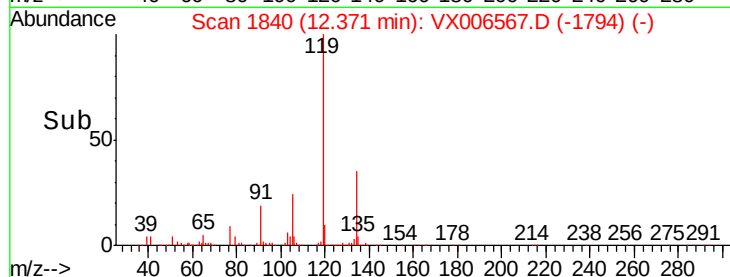
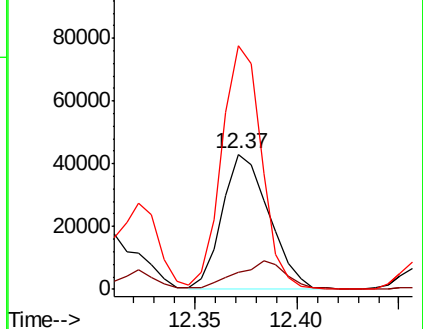
134 154.7 14.8 44.3#



Abundance Ion 91.00 (90.70 to 91.70): VX006567.D

Ion 92.00 (91.70 to 92.70): VX006567.D

Ion 134.00 (133.70 to 134.70): VX006567.D



#90

Hexachloroethane

Concen: 2.321 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006567.D

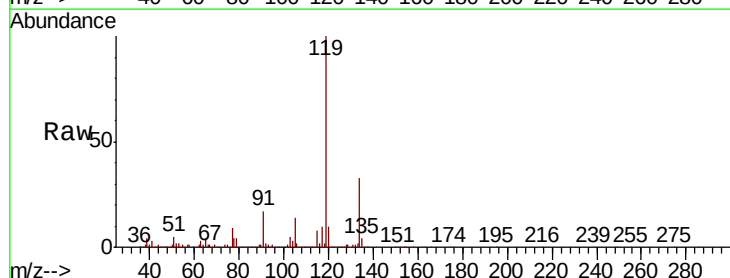
Acq: 17 Dec 2018 12:45

Tgt Ion: 117 Resp: 15012

Ion Ratio Lower Upper

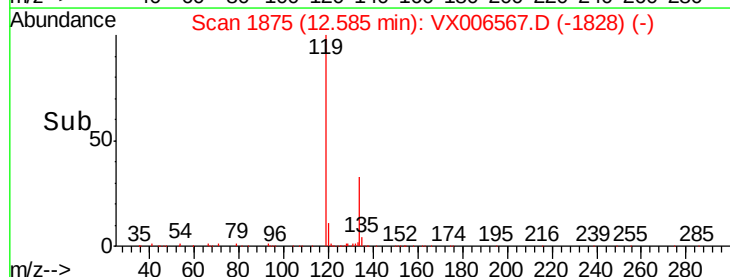
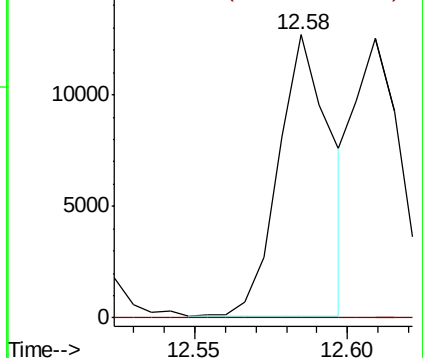
117 100

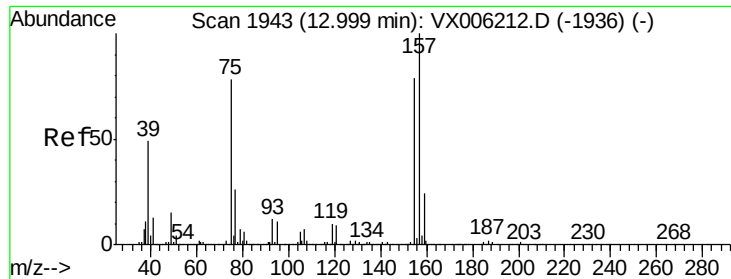
201 0.0 44.7 134.1#



Abundance Ion 116.80 (116.50 to 117.50): VX006567.D

Ion 200.70 (200.40 to 201.40): VX006567.D





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.858 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218DL

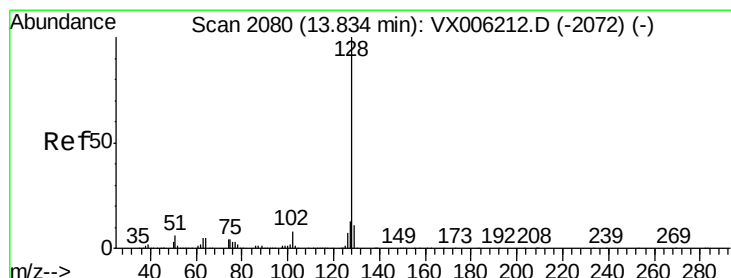
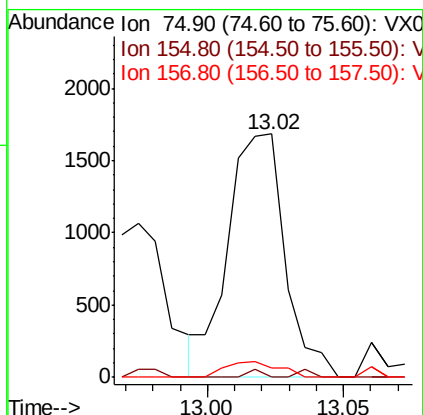
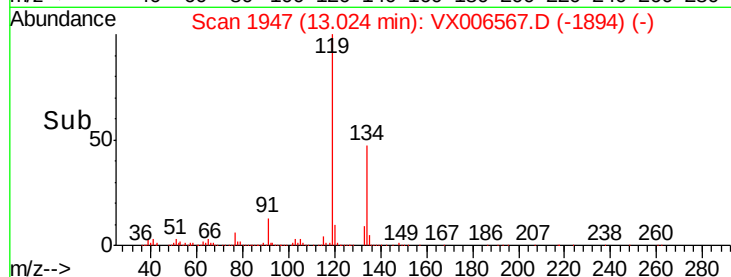
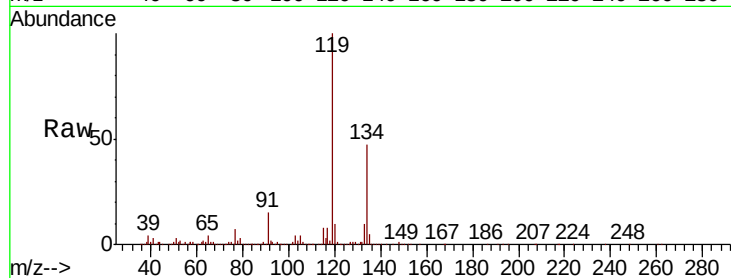
Tot Ion: 75 Resp: 2455

Ion Ratio Lower Upper

75 100

155 0.9 53.4 160.3#

157 5.9 68.0 203.8#



#95

Naphthalene

Concen: 22.481 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006567.D

Acq: 17 Dec 2018 12:45

Tgt Ion:128 Resp: 872664

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.2 8.9 13.3

