

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
 Data File : VW005190.D
 Acq On : 07 Sep 2018 04:39
 Operator : SY/AP
 Sample : J4693-04RE
 Misc : 6.29G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)RE

Quant Time: Sep 07 08:05:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	375425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	678276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	473905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	570593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	252504	81.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.28%	
35) Dibromofluoromethane	7.89	113	246645	62.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.86%	
50) Toluene-d8	10.33	98	723311	40.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.10%	
62) 4-Bromofluorobenzene	12.61	95	17500811	2748.03	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	5496.06%	

Target Compounds					Qvalue
5) Bromomethane	2.75	94	825	Below Cal	# 73
10) Methyl Iodide	4.29	142	502	3.913 ug/l	# 57
11) Tert butyl alcohol	5.13	59	2324	Below Cal	# 72
16) Acetone	4.14	43	33955	54.404 ug/l	93
17) Carbon Disulfide	4.38	76	265719	25.120 ug/l	100
20) Methylene Chloride	4.92	84	32343	4.097 ug/l	96
25) 2-Butanone	7.19	43	10983	10.146 ug/l	# 83
29) Tetrahydrofuran	7.54	42	663	1.199 ug/l	# 44
31) Cyclohexane	8.04	56	278478	45.560 ug/l	# 17
36) 1,1-Dichloropropene	7.95	75	24534	3.798 ug/l	# 47
38) Carbon Tetrachloride	7.96	117	31705	5.162 ug/l	# 16
39) Methylcyclohexane	9.31	83	224399	28.724 ug/l	# 38
43) Isopropyl Acetate	8.43	43	121654	27.673 ug/l	# 48
47) Bromodichloromethane	9.62	83	80873	13.903 ug/l	# 2
48) Methyl methacrylate	9.40	41	336518	158.976 ug/l	# 36
51) 4-Methyl-2-Pentanone	10.15	43	3398237	1153.414 ug/l	# 34
53) t-1,3-Dichloropropene	10.68	75	13523	2.366 ug/l	# 1
55) 1,1,2-Trichloroethane	10.77	97	12454252	3482.010 ug/l	# 20
56) Ethyl methacrylate	10.68	69	10412992	2551.839 ug/l	# 71
58) 2-Chloroethyl Vinyl ether	9.91	63	2463	1.274 ug/l	# 46
59) 2-Hexanone	10.94	43	2087619	1047.621 ug/l	# 22
60) Dibromochloromethane	11.08	129	151234	37.401 ug/l	# 25
61) 1,2-Dibromoethane	11.26	107	21367	6.617 ug/l	# 1
65) Chlorobenzene	11.62	112	239659	22.463 ug/l	# 42
67) Ethyl Benzene	11.74	91	100383	5.566 ug/l	# 49
73) Isopropylbenzene	12.49	105	170716	4.243 ug/l	# 69
74) N-amyl acetate	12.19	43	3747126	540.898 ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.73	83	6058295	989.150 ug/l	# 90
76) 1,2,3-Trichloropropane	12.73	75	37107	8.664 ug/l	# 100
77) Bromobenzene	12.74	156	69600	7.021 ug/l	# 1
78) n-propylbenzene	12.83	91	1568489	32.294 ug/l	# 61
79) 2-Chlorotoluene	12.74	91	945034	33.351 ug/l	# 99
80) 1,3,5-Trimethylbenzene	12.93	105	152160	4.373 ug/l	# 37
81) trans-1,4-Dichloro-2-buten	12.46	75	39689	22.304 ug/l	# 1

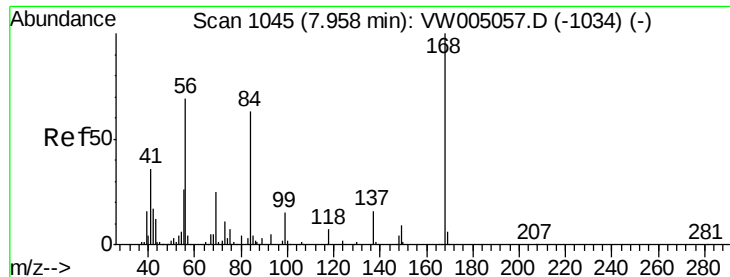
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.74	91	611211	20.427	ug/l	91
83) tert-Butylbenzene	13.23	119	535864	18.443	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.27	105	277634	7.835	ug/l	97
85) sec-Butylbenzene	13.40	105	7418051	173.724	ug/l #	53
86) p-Isopropyltoluene	13.52	119	429671	11.367	ug/l #	79
89) n-Butylbenzene	13.82	91	813635	23.227	ug/l #	1
90) Hexachloroethane	14.11	117	448946	71.505	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	44850	46.860	ug/l #	1
95) Naphthalene	15.33	128	15694	4.682	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

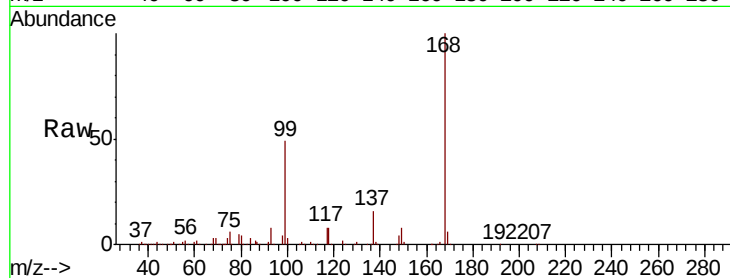
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)RE

Tgt Ion: 168 Resp: 375425

Ion Ratio Lower Upper

168 100

99 48.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

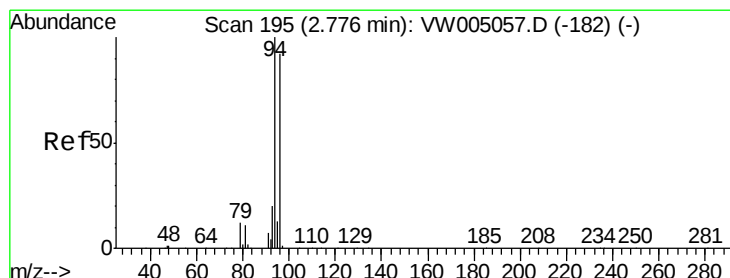
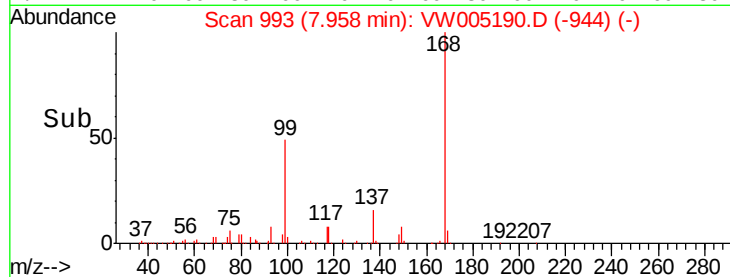
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW005190.D

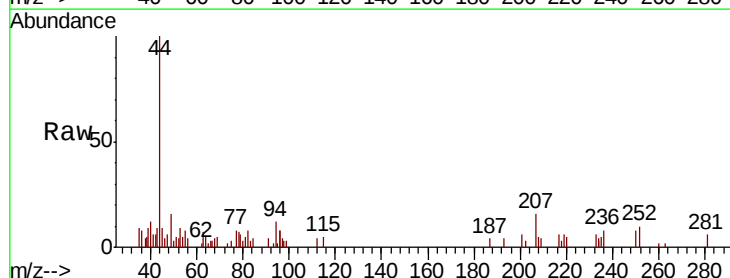
Acq: 07 Sep 2018 04:39

Tgt Ion: 94 Resp: 825

Ion Ratio Lower Upper

94 100

96 66.1 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.75

400

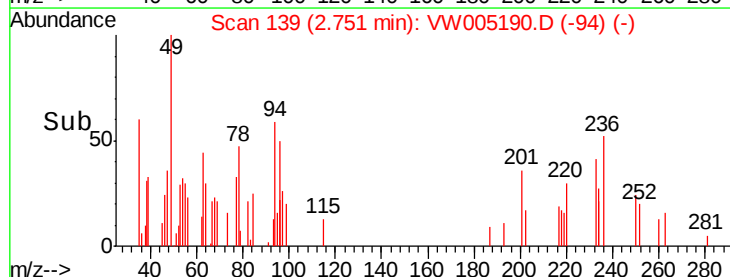
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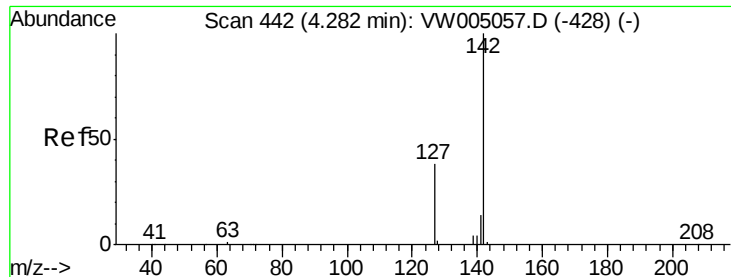
200

100

0

Time-->

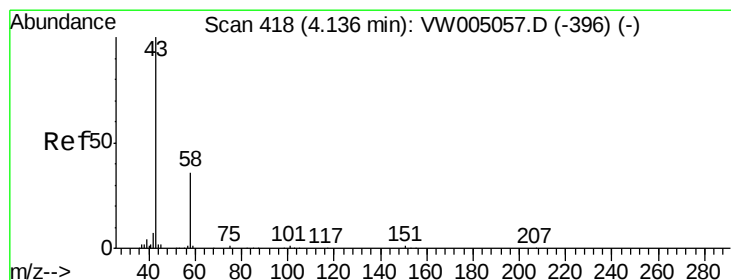
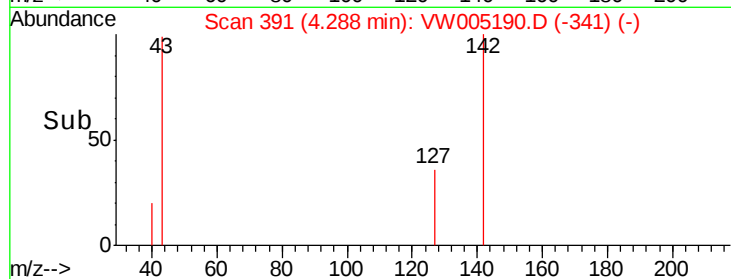
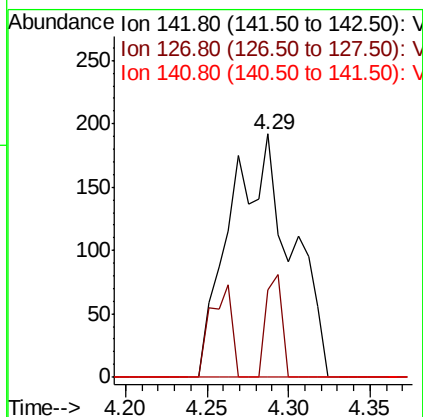
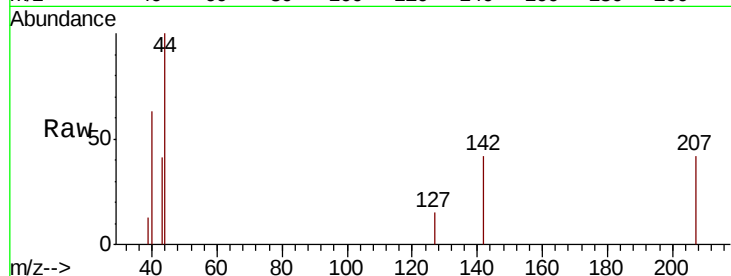




#10
Methyl Iodide
Concen: 3.913 ug/l
RT: 4.29 min Scan# 391
Delta R.T. 0.01 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

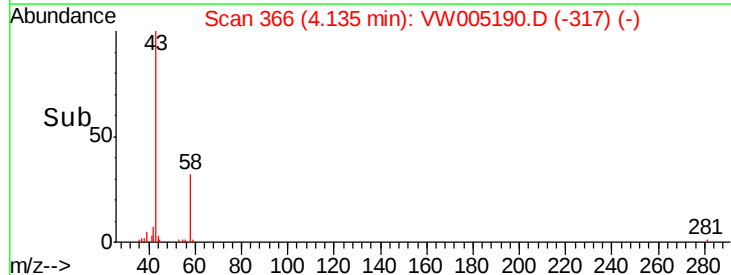
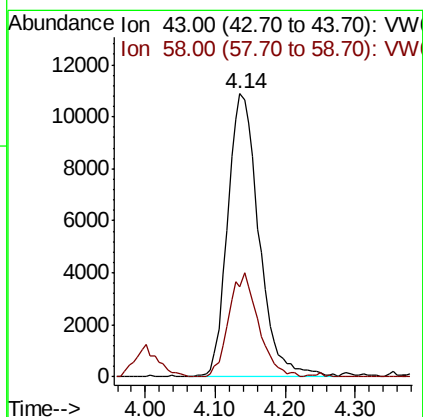
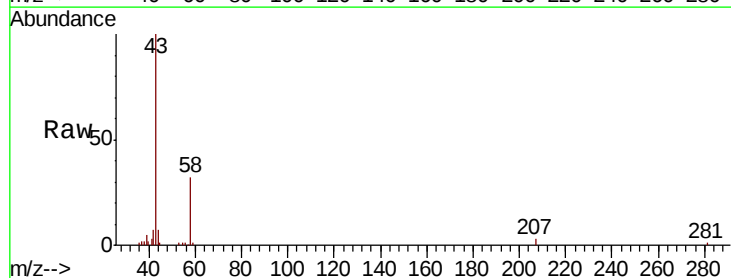
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)RE

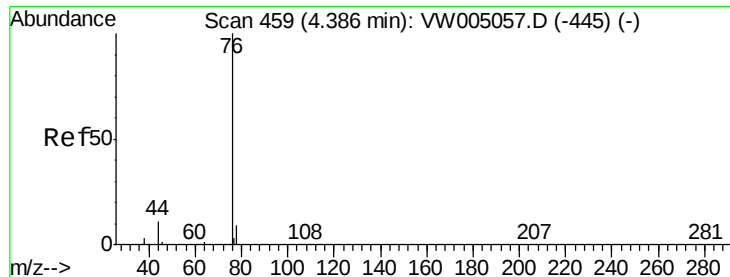
Tgt Ion:142 Resp: 502
Ion Ratio Lower Upper
142 100
127 11.0 30.8 46.2#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 54.404 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

Tgt Ion: 43 Resp: 33955
Ion Ratio Lower Upper
43 100
58 31.9 29.0 43.6





#17

Carbon Disulfide

Concen: 25.120 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

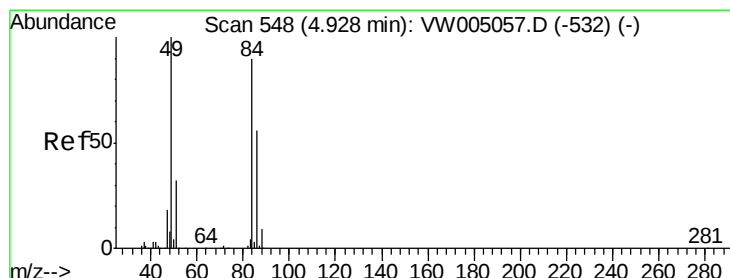
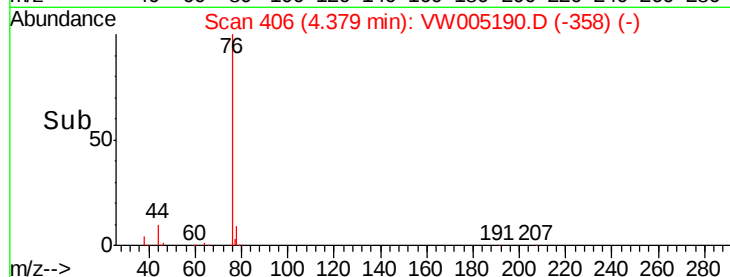
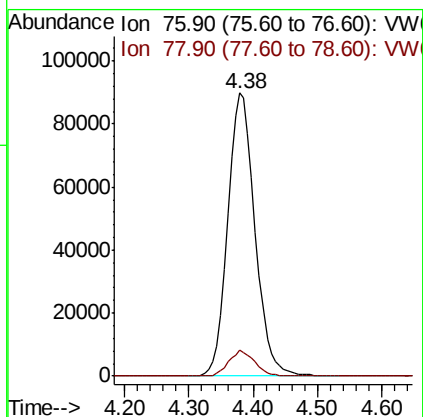
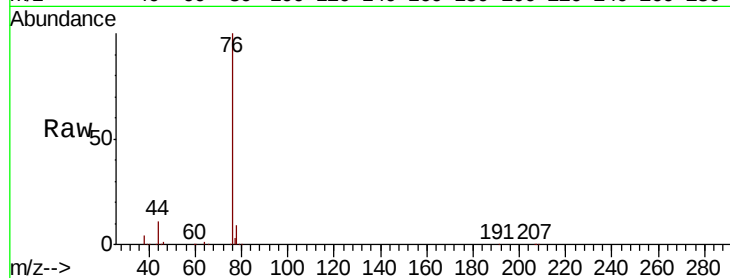
EP1-MW-F(7-10)RE

Tgt Ion: 76 Resp: 265719

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#20

Methylene Chloride

Concen: 4.097 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Tgt Ion: 84 Resp: 32343

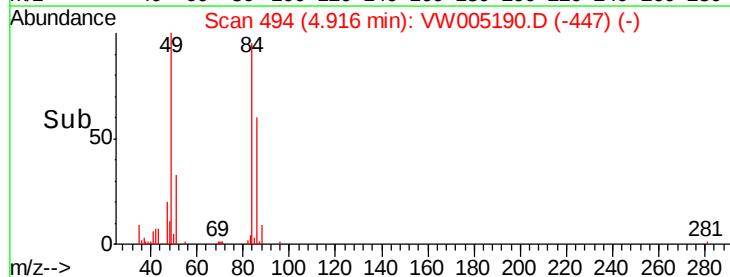
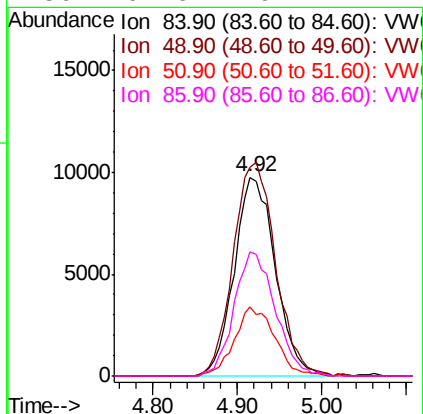
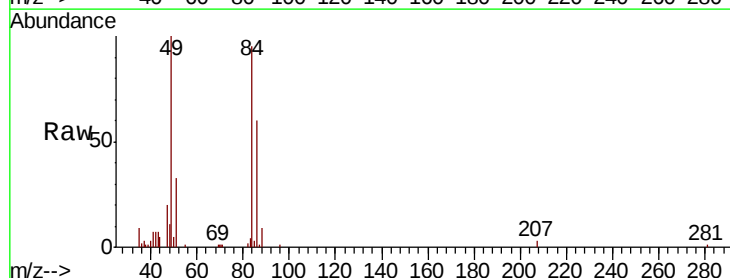
Ion Ratio Lower Upper

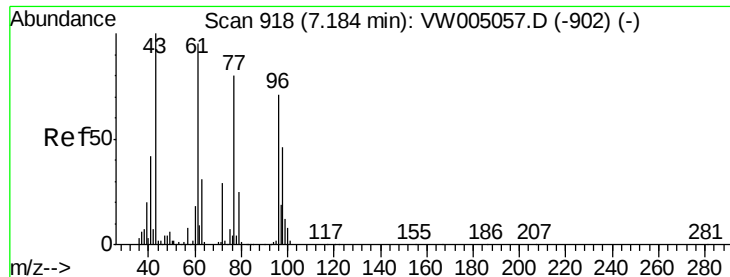
84 100

49 104.8 88.7 133.1

51 34.8 28.6 42.8

86 62.6 49.4 74.2





#25

2-Butanone

Concen: 10.146 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

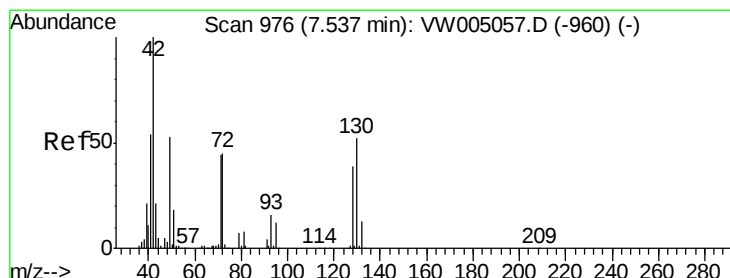
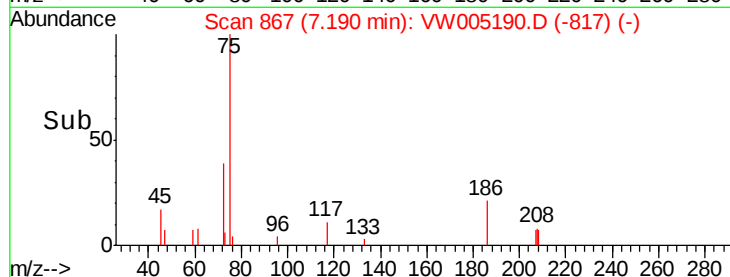
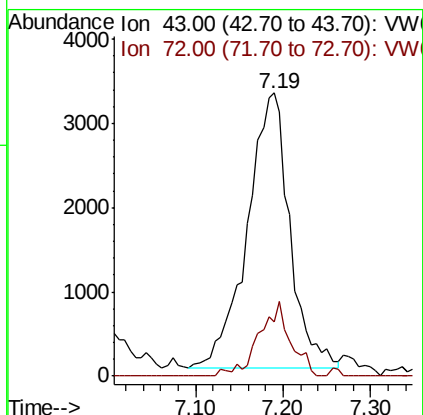
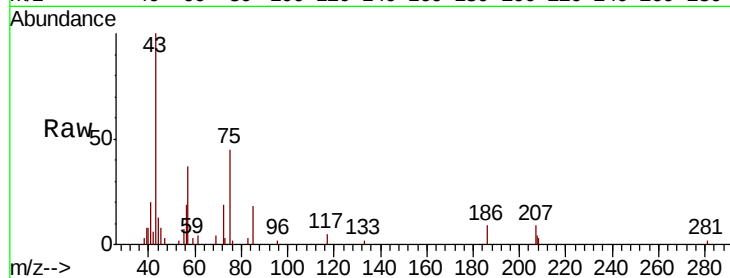
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)RE

Tgt Ion: 43 Resp: 10983

Ion Ratio Lower Upper

43 100

72 19.9 23.1 34.7#



#29

Tetrahydrofuran

Concen: 1.199 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

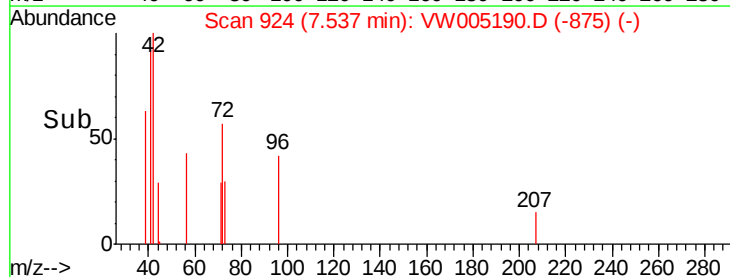
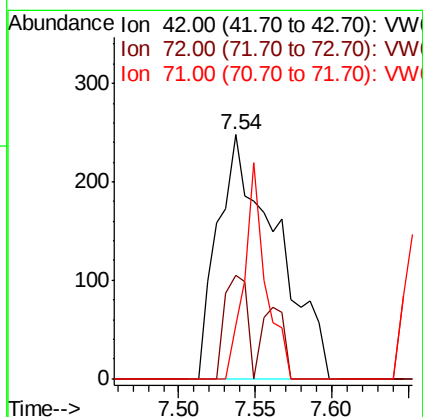
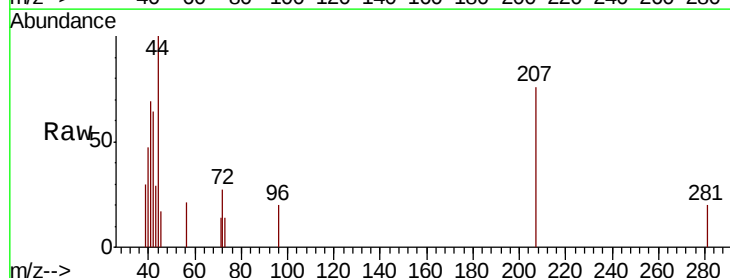
Tgt Ion: 42 Resp: 663

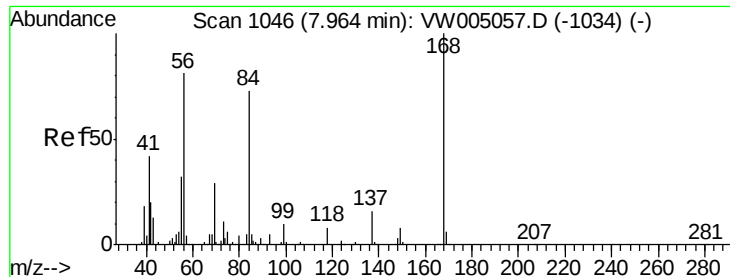
Ion Ratio Lower Upper

42 100

72 16.0 37.0 55.4#

71 0.0 35.0 52.6#

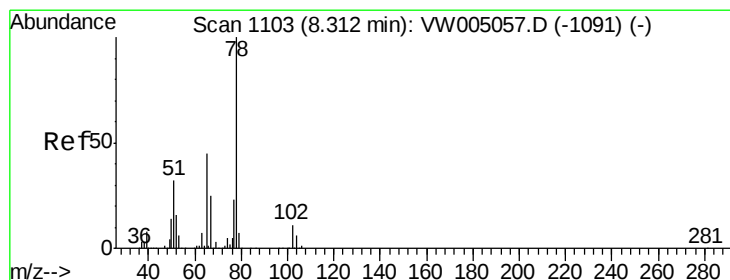
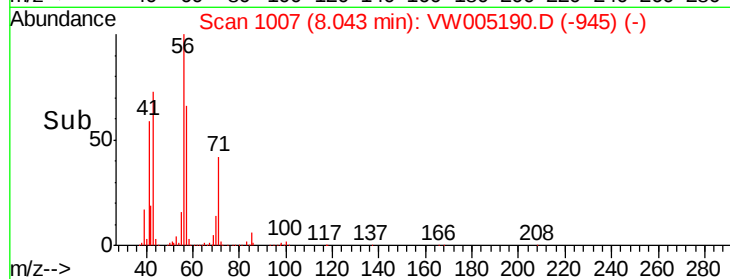
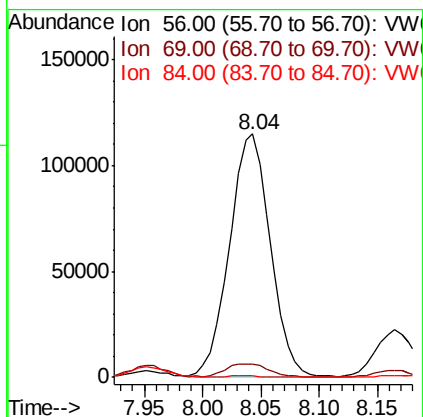
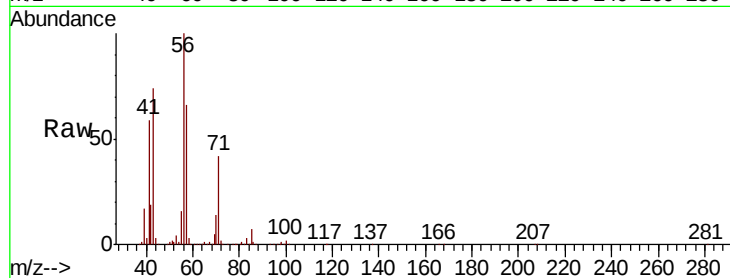




#31
Cyclohexane
Concen: 45.560 ug/l
RT: 8.04 min Scan# 1007
Delta R.T. 0.08 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

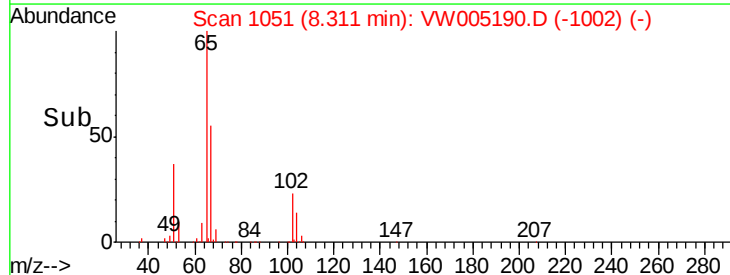
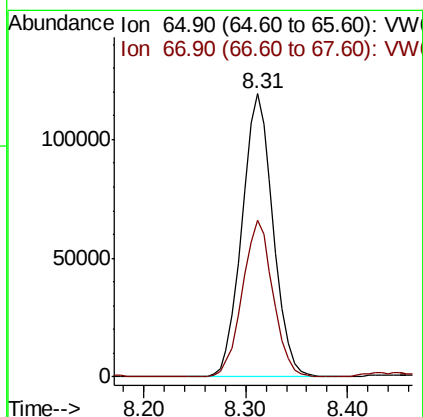
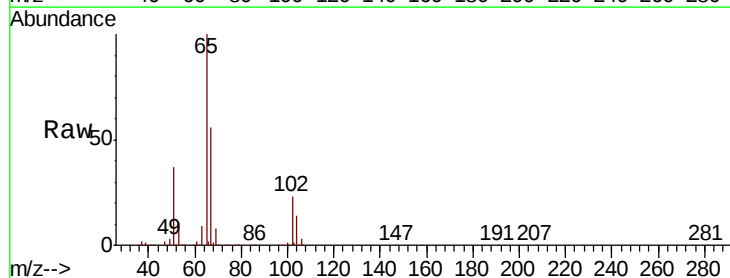
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)RE

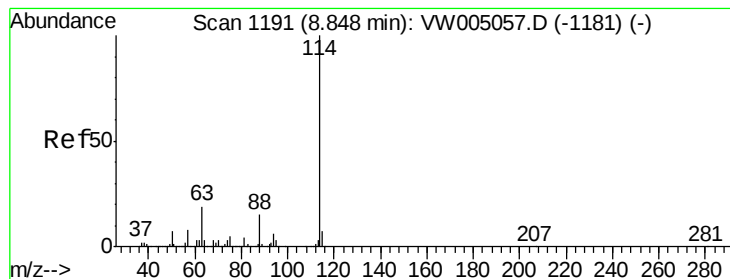
Tgt Ion: 56 Resp: 278478
Ion Ratio Lower Upper
56 100
69 5.3 28.2 42.2#
84 0.4 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 81.136 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

Tgt Ion: 65 Resp: 252504
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

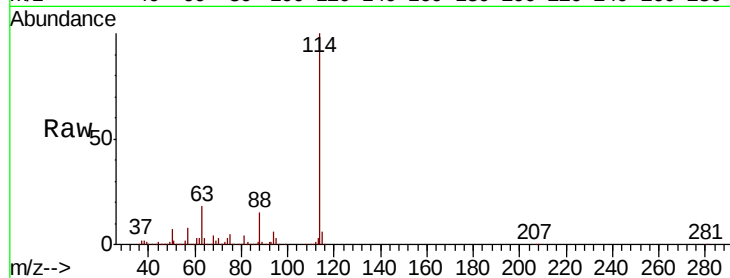
Tgt Ion:114 Resp: 678276

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

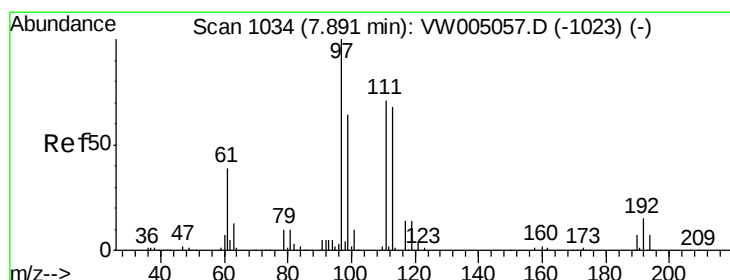
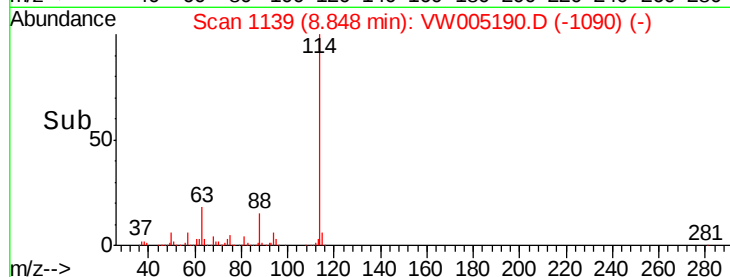
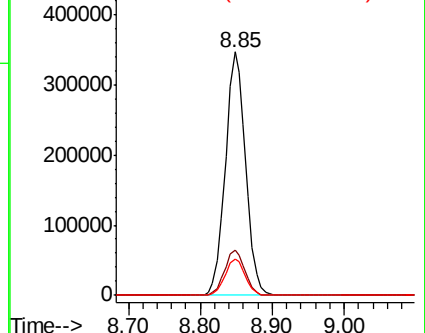
88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 62.925 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

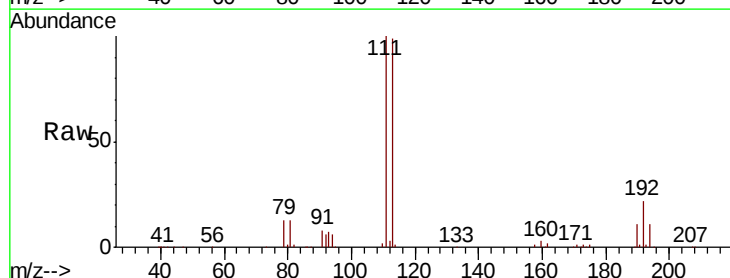
Tgt Ion:113 Resp: 246645

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

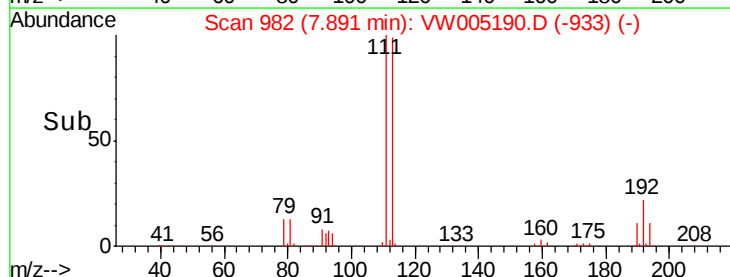
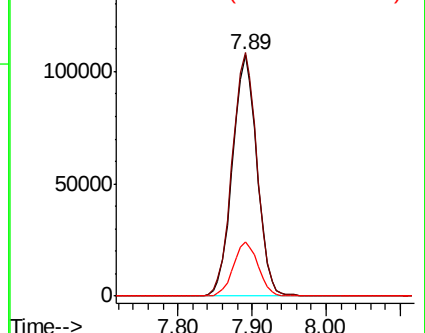
192 22.6 18.1 27.1

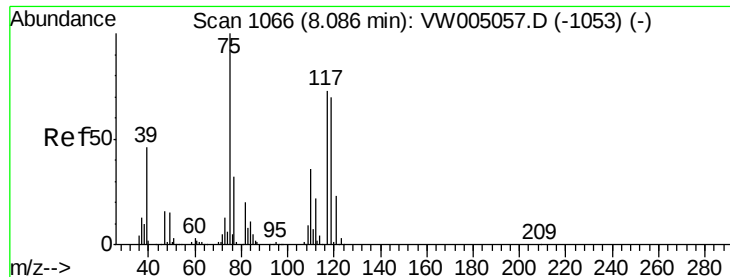


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.798 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

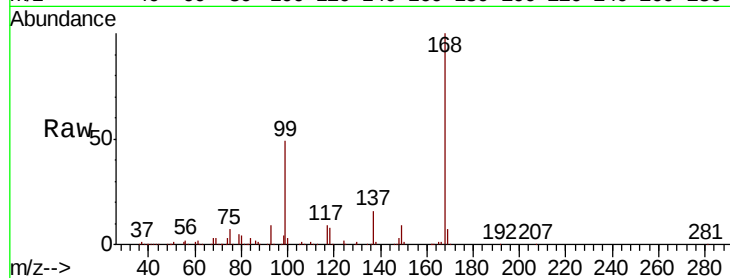
Tgt Ion: 75 Resp: 24534

Ion Ratio Lower Upper

75 100

110 8.1 18.9 56.7#

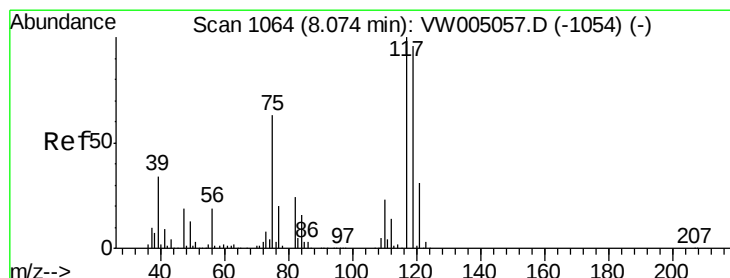
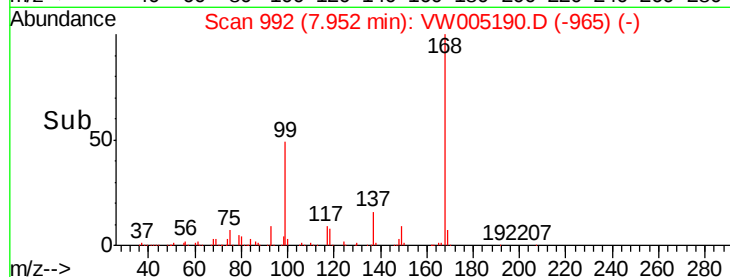
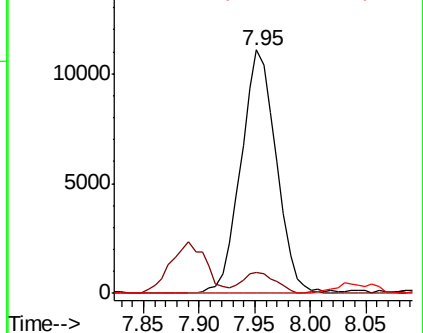
77 0.0 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 5.162 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

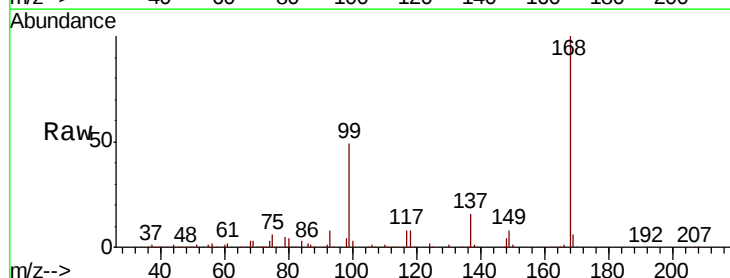
Tgt Ion: 117 Resp: 31705

Ion Ratio Lower Upper

117 100

119 5.4 76.6 115.0#

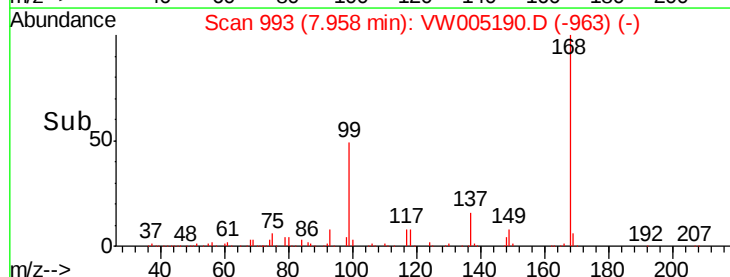
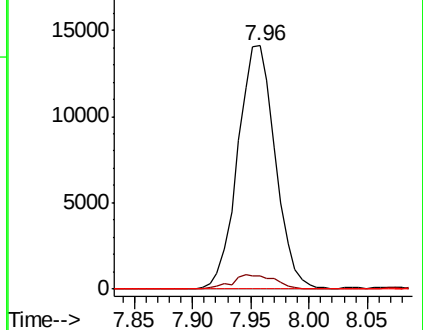
121 0.0 24.8 37.2#

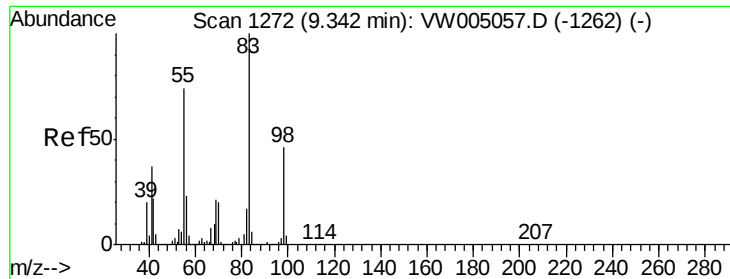


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

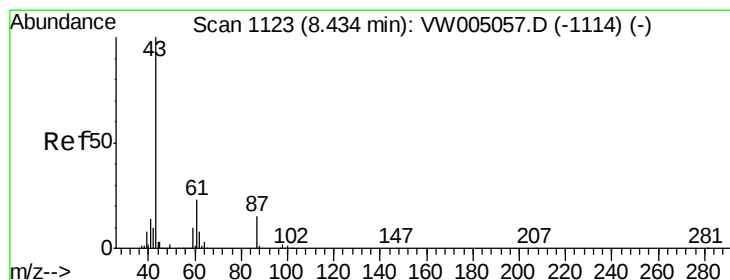
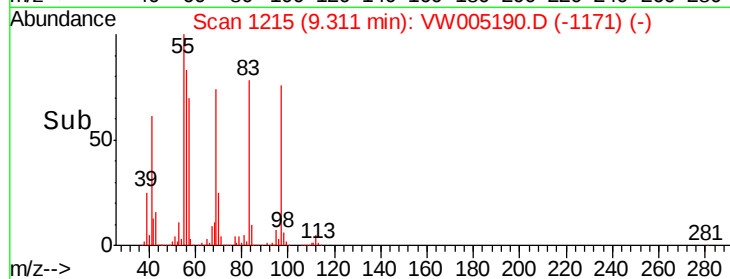
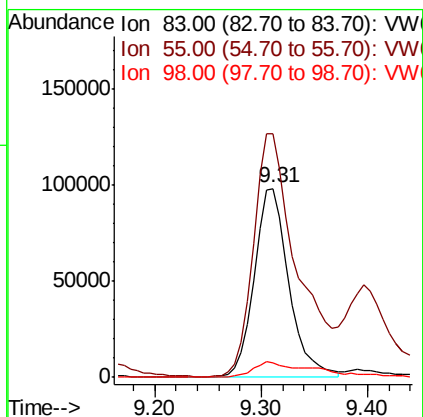
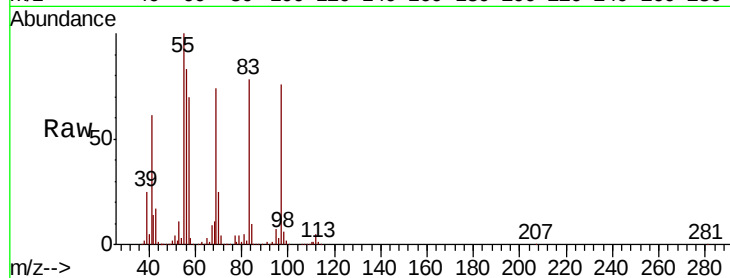




#39
Methylcyclohexane
Concen: 28.724 ug/l
RT: 9.31 min Scan# 1215
Delta R.T. -0.03 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

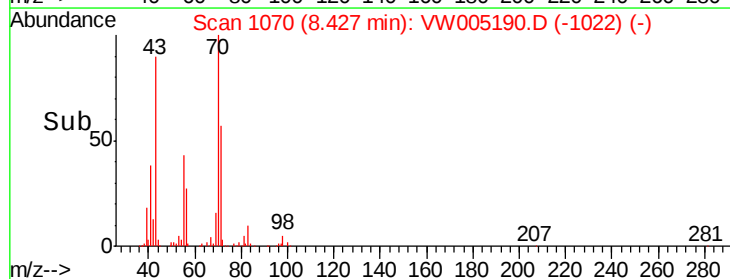
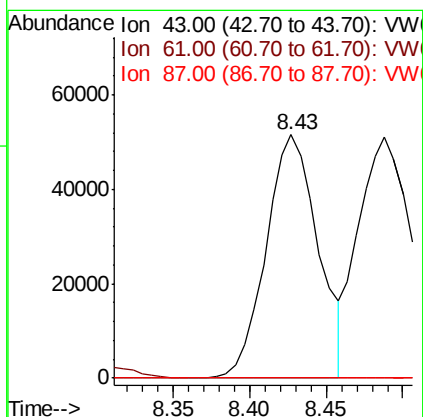
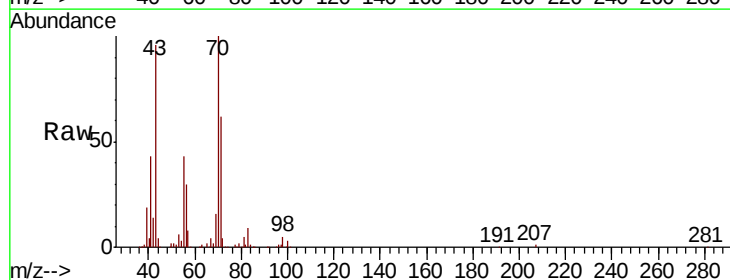
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)RE

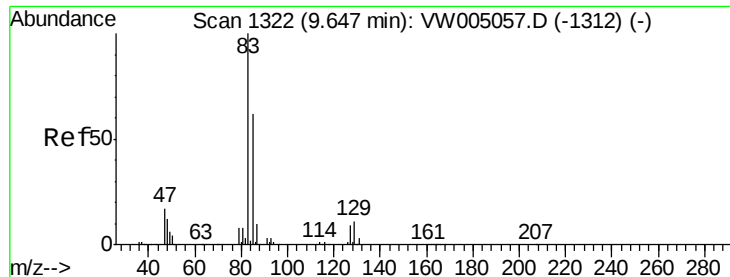
Tgt Ion: 83 Resp: 224399
Ion Ratio Lower Upper
83 100
55 128.1 58.9 88.3#
98 7.6 36.8 55.2#



#43
Isopropyl Acetate
Concen: 27.673 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

Tgt Ion: 43 Resp: 121654
Ion Ratio Lower Upper
43 100
61 0.0 26.8 40.2#
87 0.0 11.6 17.4#





#47

Bromodichloromethane

Concen: 13.903 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

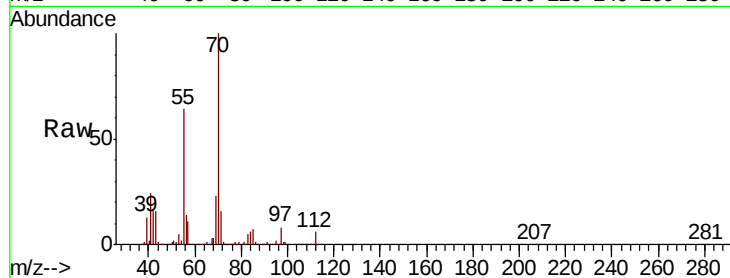
Tgt Ion: 83 Resp: 80873

Ion Ratio Lower Upper

83 100

85 145.3 49.8 74.6#

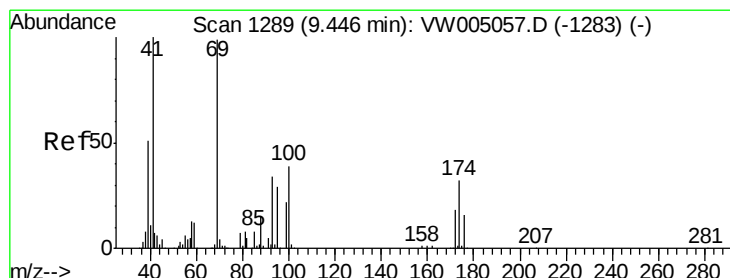
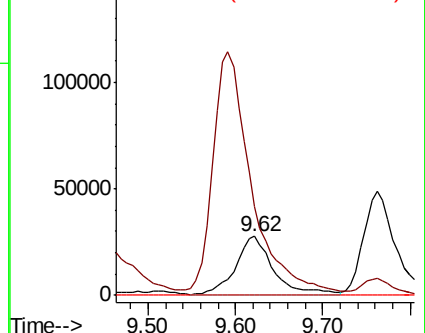
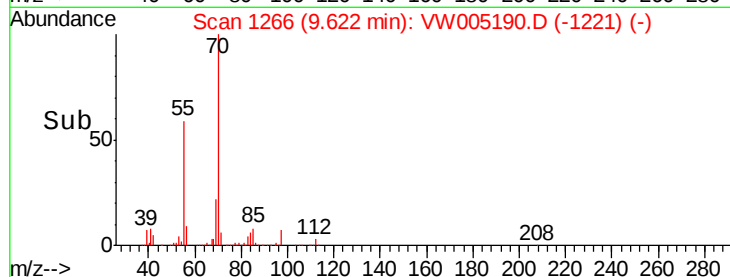
127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 158.976 ug/l

RT: 9.40 min Scan# 1229

Delta R.T. -0.05 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

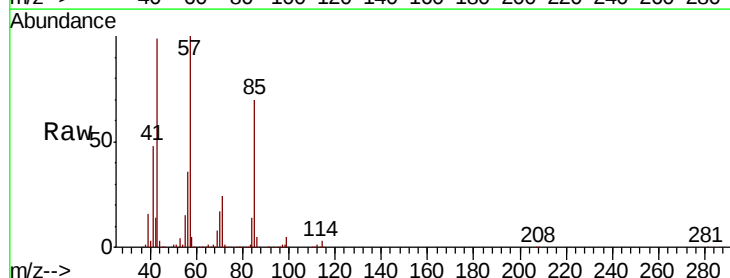
Tgt Ion: 41 Resp: 336518

Ion Ratio Lower Upper

41 100

69 19.7 80.4 120.6#

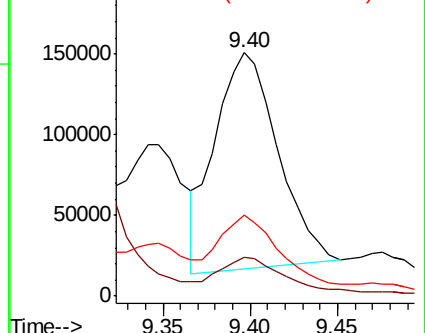
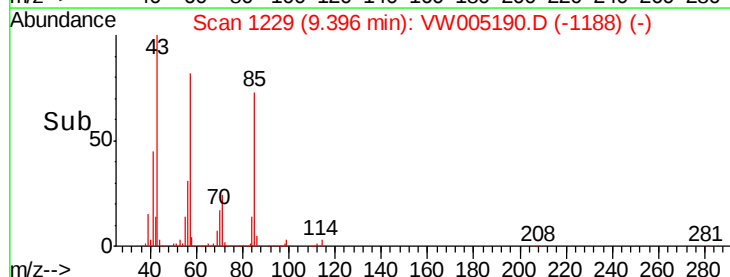
39 30.6 43.5 65.3#

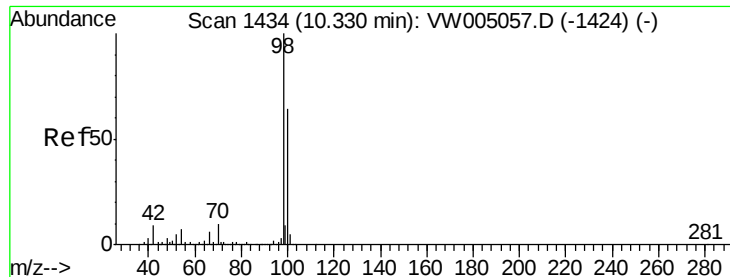


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 40.048 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

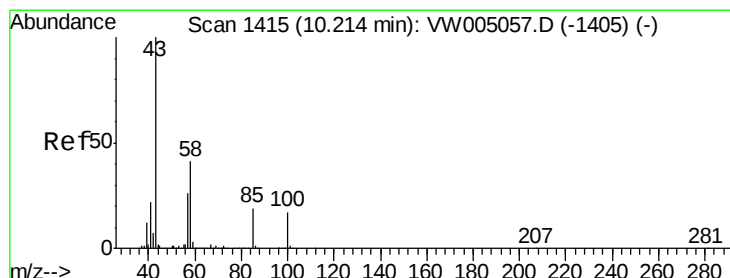
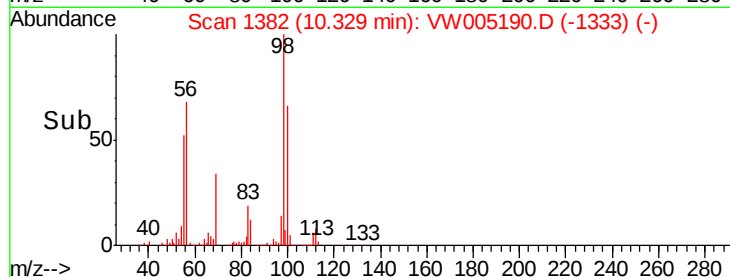
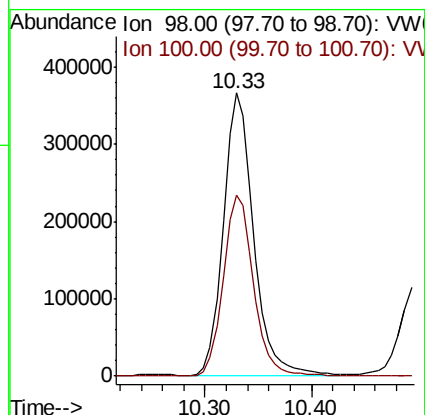
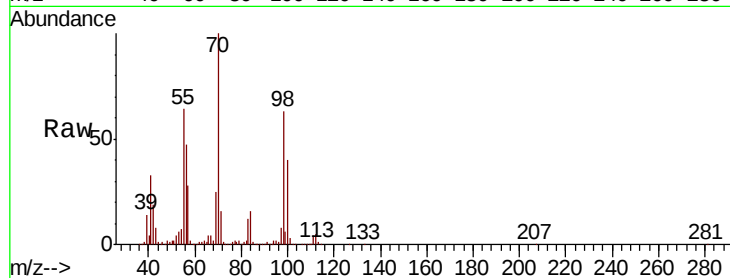
EP1-MW-F(7-10)RE

Tgt Ion: 98 Resp: 723311

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 1153.414 ug/l

RT: 10.15 min Scan# 1352

Delta R.T. -0.07 min

Lab File: VW005190.D

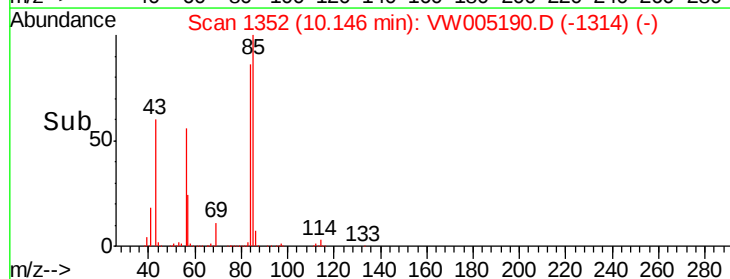
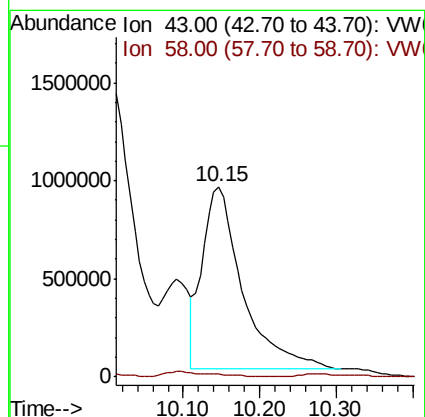
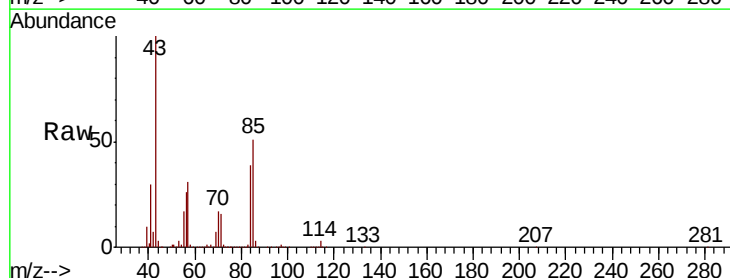
Acq: 07 Sep 2018 04:39

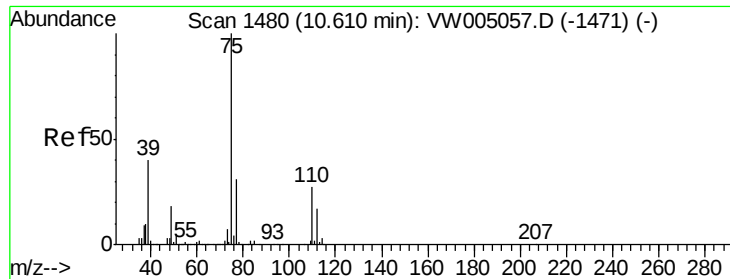
Tgt Ion: 43 Resp: 3398237

Ion Ratio Lower Upper

43 100

58 0.0 33.3 49.9#





#53

t-1,3-Dichloropropene

Concen: 2.366 ug/l

RT: 10.68 min Scan# 1440

Delta R.T. 0.07 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

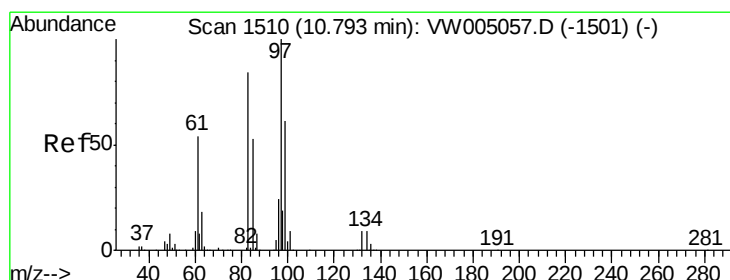
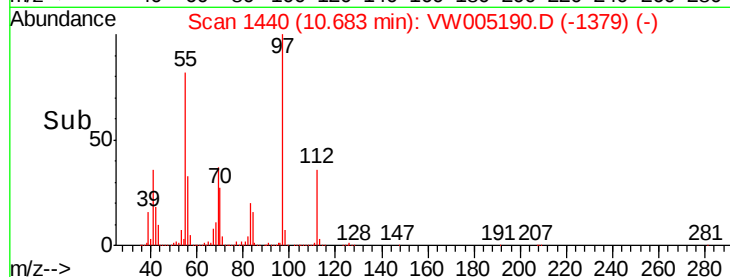
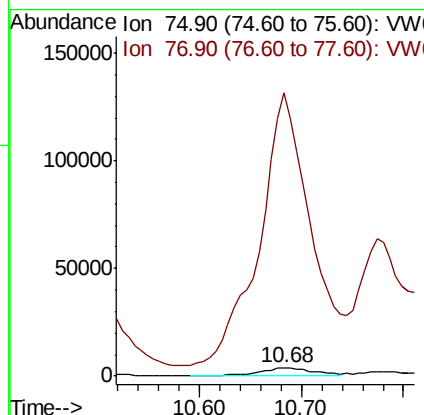
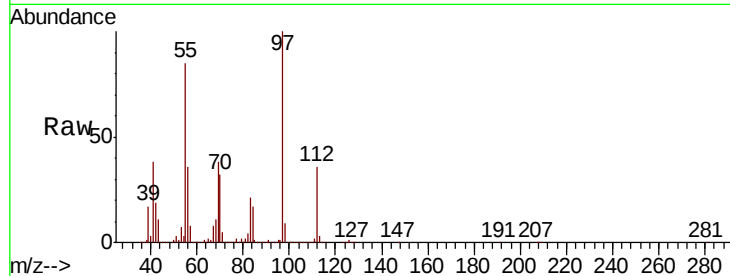
EP1-MW-F(7-10)RE

Tgt Ion: 75 Resp: 13523

Ion Ratio Lower Upper

75 100

77 3209.0 25.0 37.6#



#55

1,1,2-Trichloroethane

Concen: 3482.010 ug/l

RT: 10.77 min Scan# 1455

Delta R.T. -0.02 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Tgt Ion: 97 Resp: 12454252

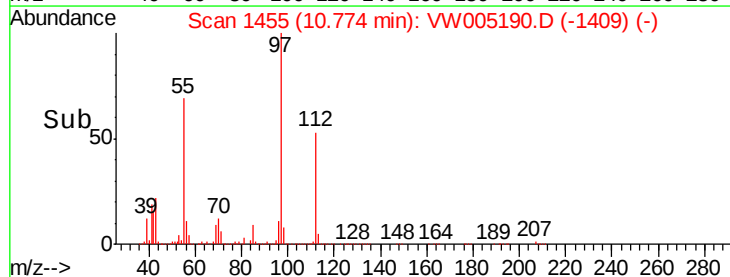
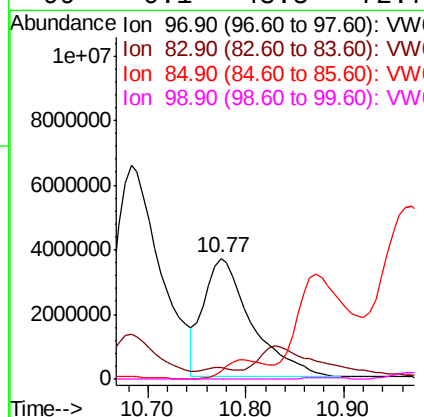
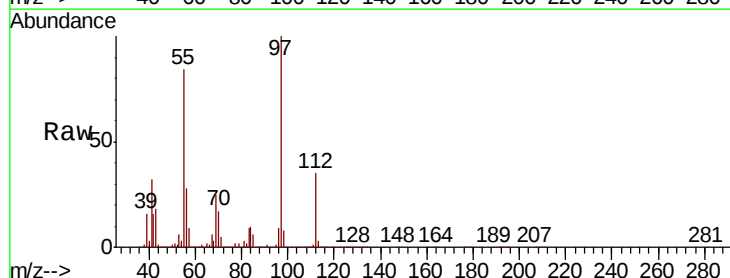
Ion Ratio Lower Upper

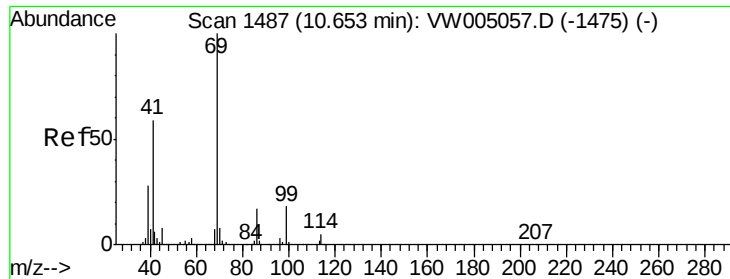
97 100

83 2.3 67.0 100.6#

85 6.3 42.3 63.5#

99 0.1 48.5 72.7#





#56

Ethyl methacrylate

Concen: 2551.839 ug/l

RT: 10.68 min Scan# 1440

Delta R.T. 0.03 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

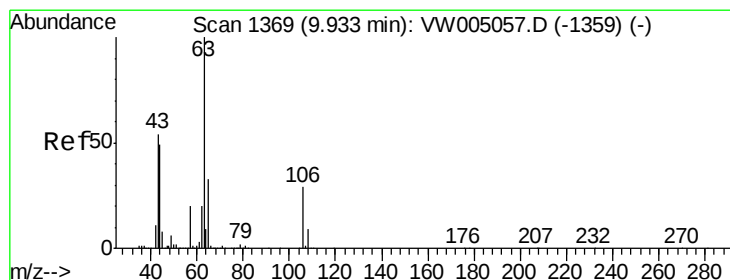
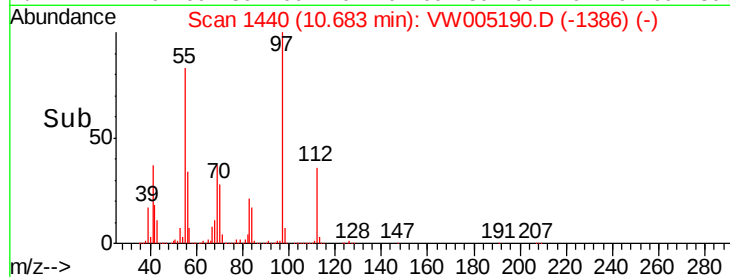
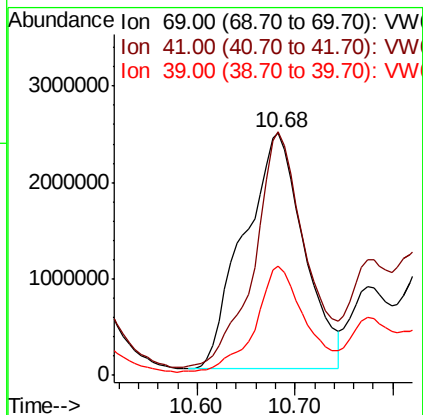
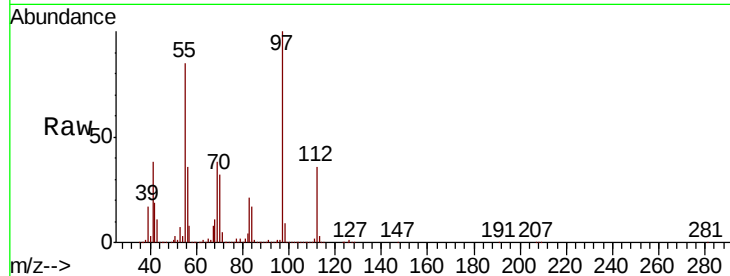
Tgt Ion: 69 Resp:10412992

Ion Ratio Lower Upper

69 100

41 84.2 47.8 71.6#

39 37.1 21.1 31.7#



#58

2-Chloroethyl Vinyl ether

Concen: 1.274 ug/l

RT: 9.91 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VW005190.D

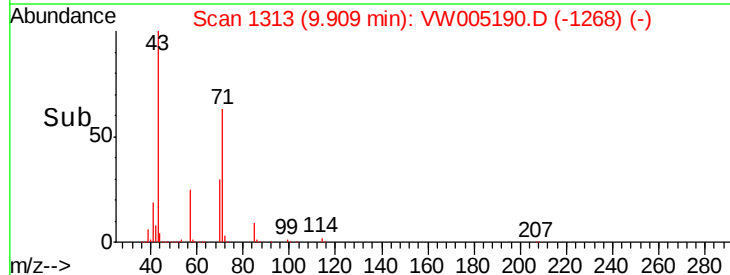
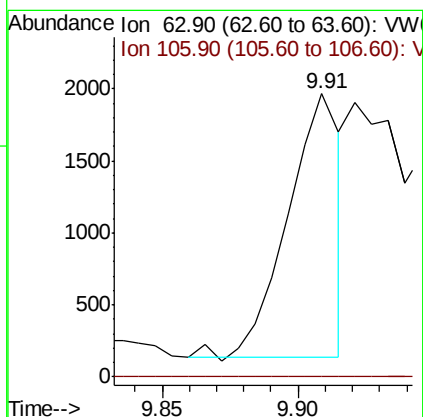
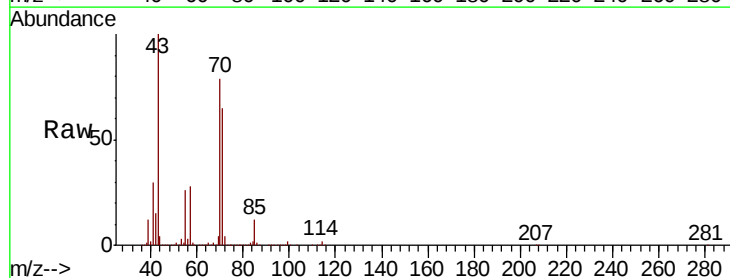
Acq: 07 Sep 2018 04:39

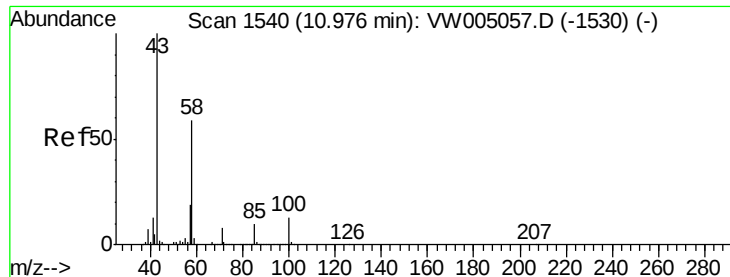
Tgt Ion: 63 Resp: 2463

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#

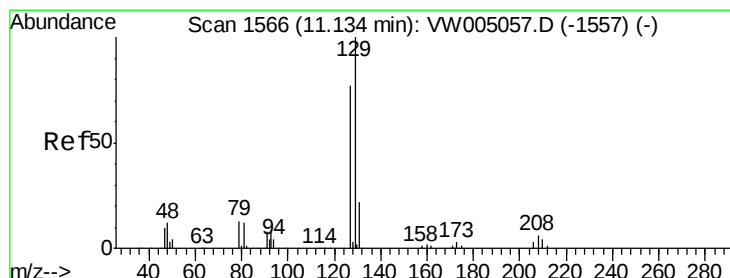
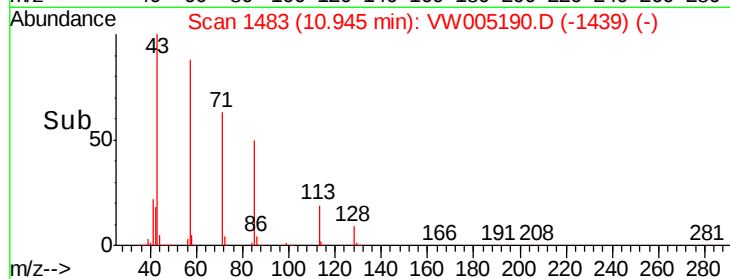
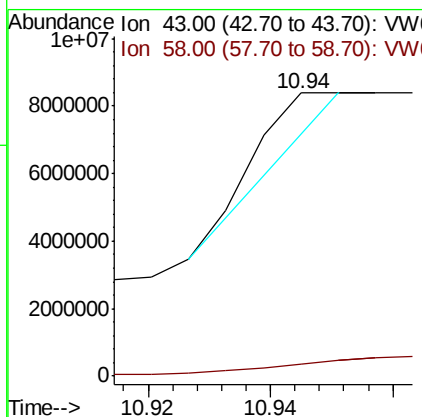
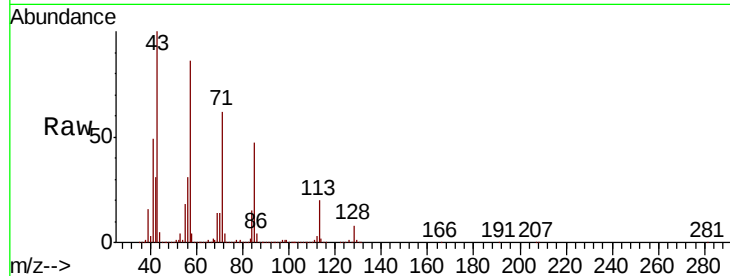




#59
2-Hexanone
Concen: 1047.621 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.03 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

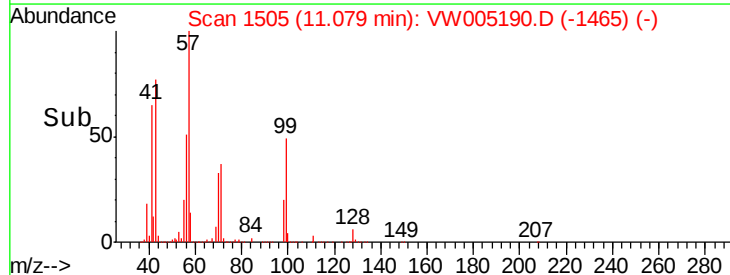
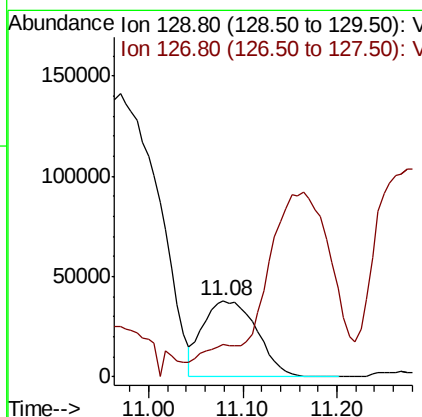
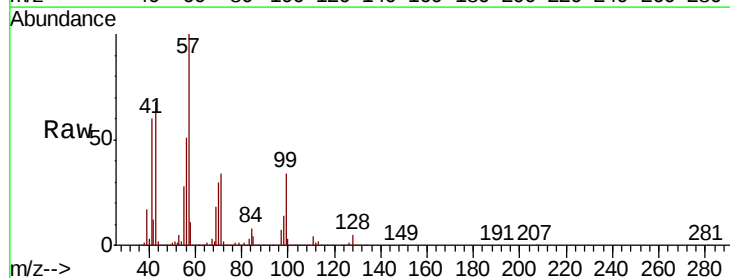
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)RE

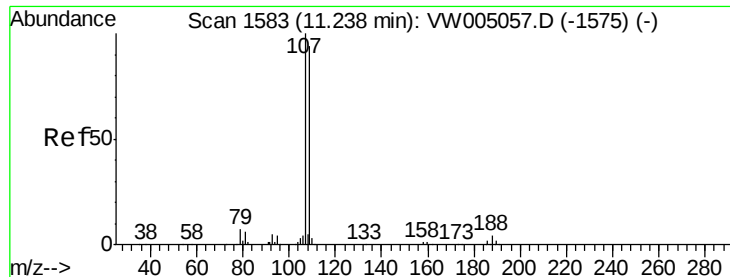
Tgt Ion: 43 Resp: 2087619
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.3#



#60
Dibromochloromethane
Concen: 37.401 ug/l
RT: 11.08 min Scan# 1505
Delta R.T. -0.06 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

Tgt Ion: 129 Resp: 151234
Ion Ratio Lower Upper
129 100
127 12.5 38.9 116.7#

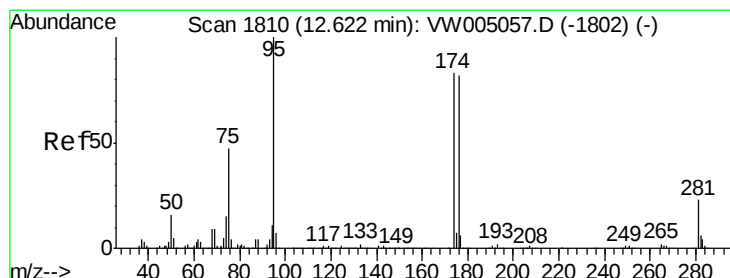
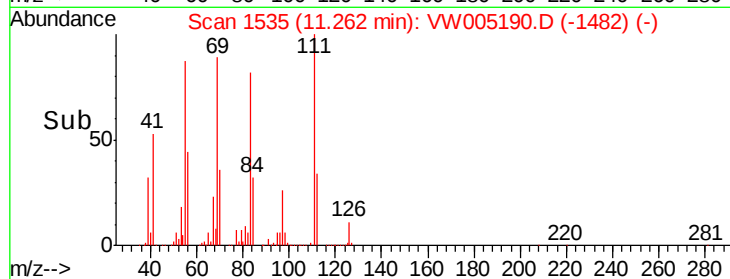
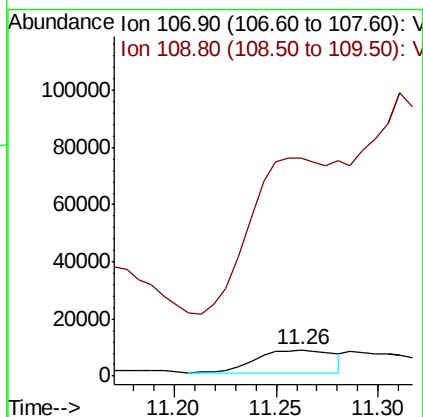
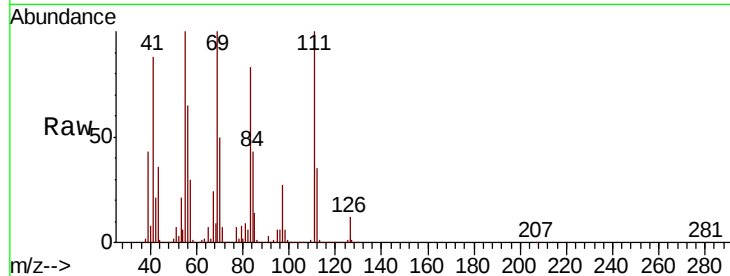




#61
 1,2-Dibromoethane
 Concen: 6.617 ug/l
 RT: 11.26 min Scan# 1535
 Delta R.T. 0.02 min
 Lab File: VW005190.D
 Acq: 07 Sep 2018 04:39

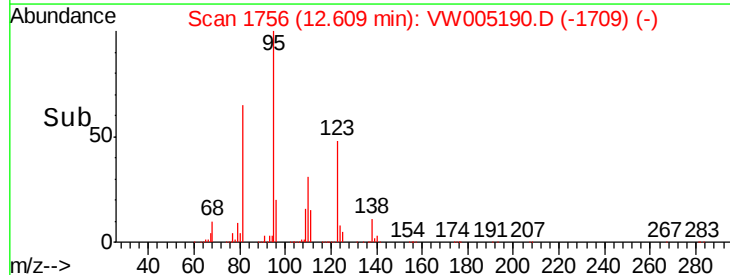
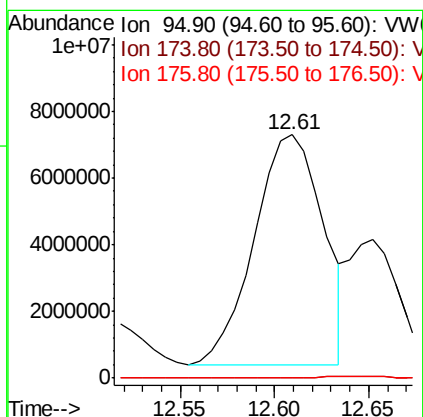
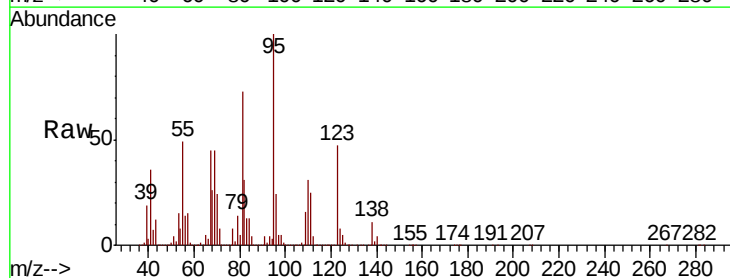
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)RE

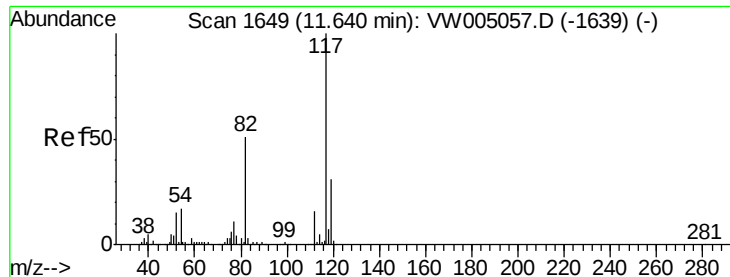
Tgt Ion: 107 Resp: 21367
 Ion Ratio Lower Upper
 107 100
 109 654.2 75.9 113.9#



#62
 4-Bromofluorobenzene
 Concen: 2748.027 ug/l
 RT: 12.61 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: VW005190.D
 Acq: 07 Sep 2018 04:39

Tgt Ion: 95 Resp: 17500811
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 173.4
 176 0.0 0.0 167.4

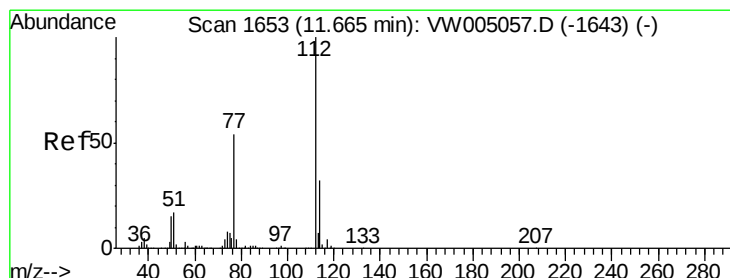
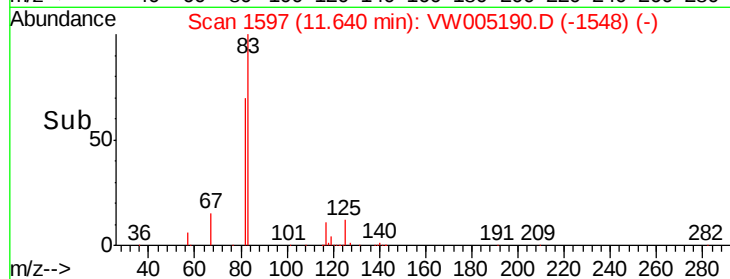
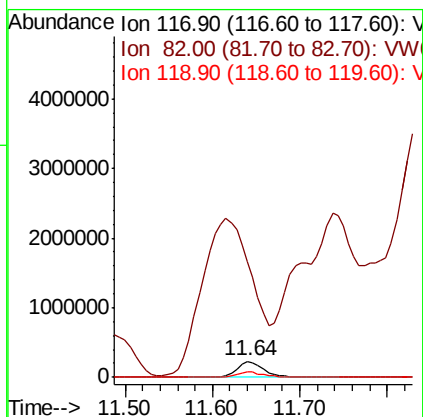
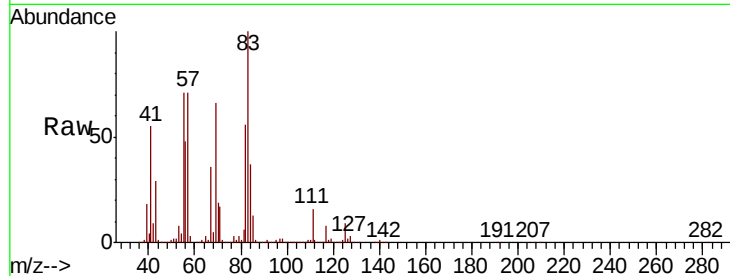




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

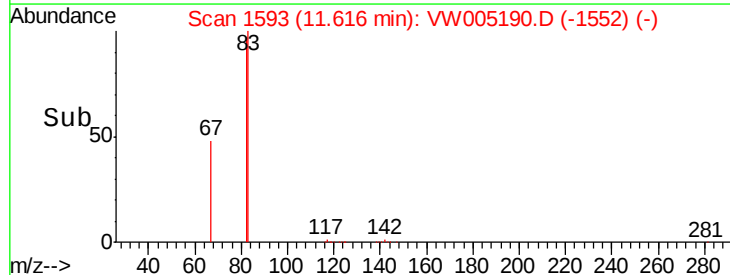
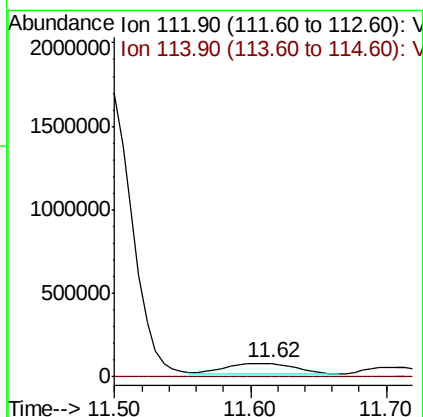
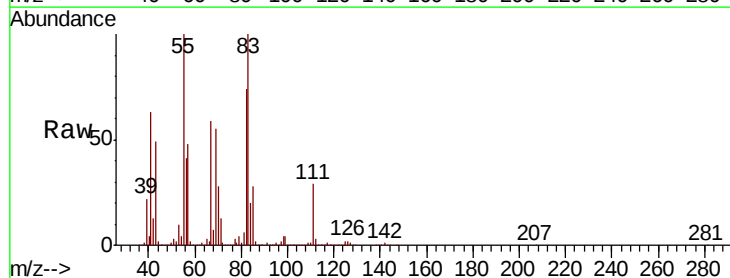
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)RE

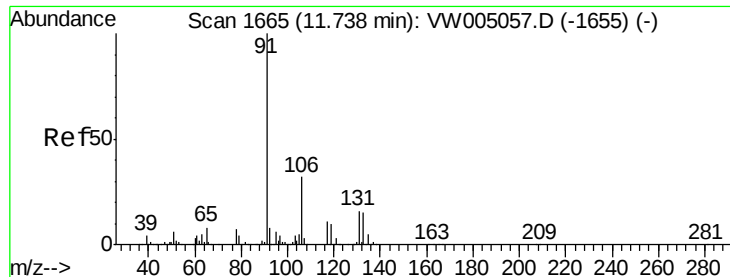
Tgt Ion:117 Resp: 473905
Ion Ratio Lower Upper
117 100
82 500.0 40.9 61.3#
119 32.3 24.9 37.3



#65
Chlorobenzene
Concen: 22.463 ug/l
RT: 11.62 min Scan# 1593
Delta R.T. -0.05 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

Tgt Ion:112 Resp: 239659
Ion Ratio Lower Upper
112 100
114 0.0 26.0 39.0#

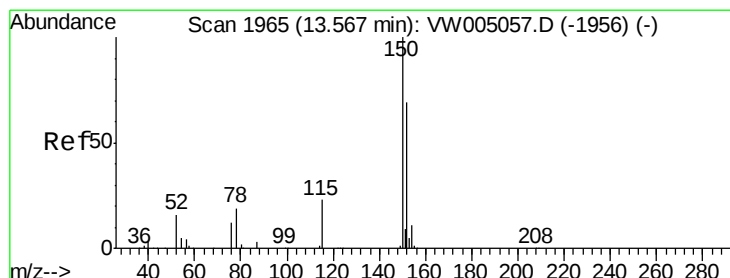
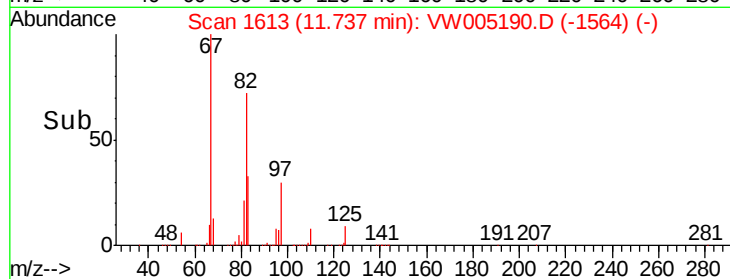
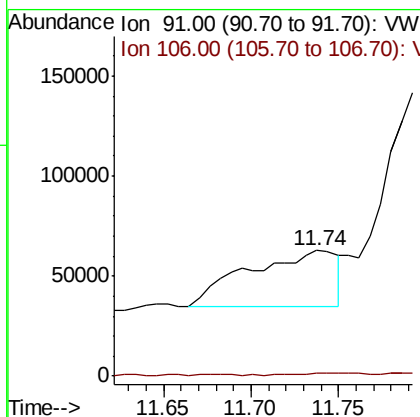
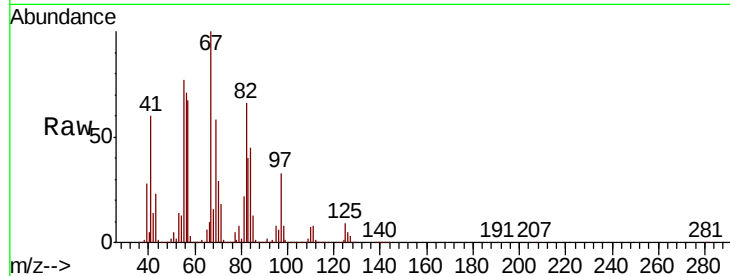




#67
Ethyl Benzene
Concen: 5.566 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

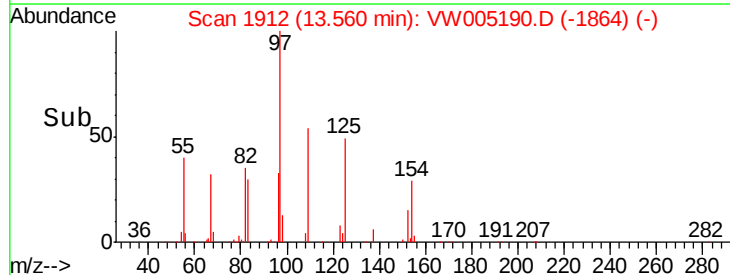
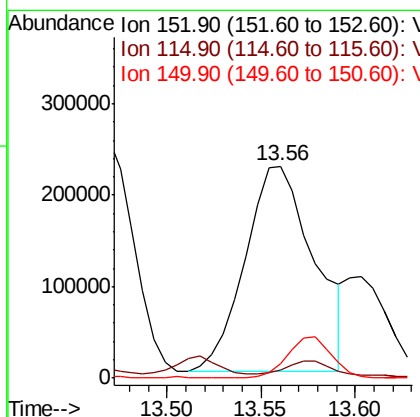
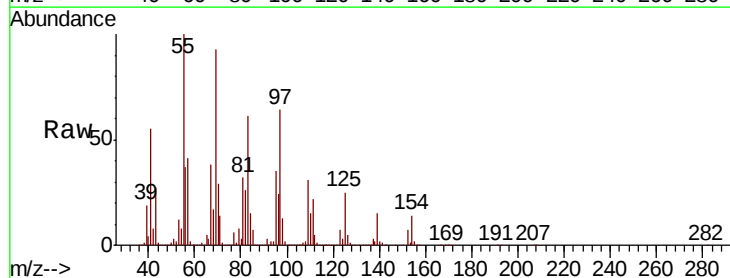
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)RE

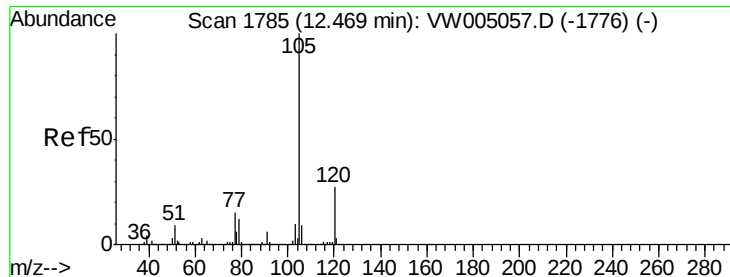
Tgt Ion: 91 Resp: 100383
Ion Ratio Lower Upper
91 100
106 3.6 25.3 37.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005190.D
Acq: 07 Sep 2018 04:39

Tgt Ion: 152 Resp: 570593
Ion Ratio Lower Upper
152 100
115 5.3 27.8 83.4#
150 12.9 0.0 351.4





#73

Isopropylbenzene

Concen: 4.243 ug/l

RT: 12.49 min Scan# 1737

Delta R.T. 0.02 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

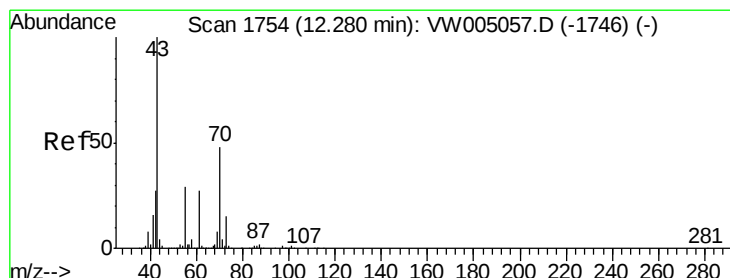
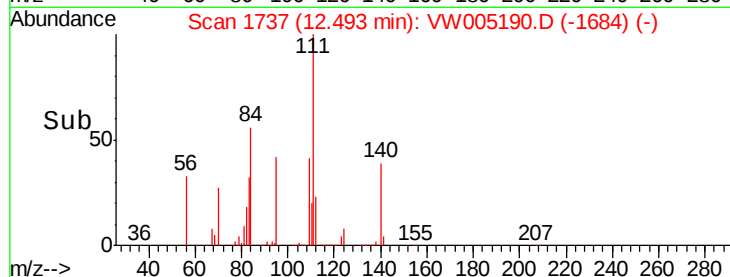
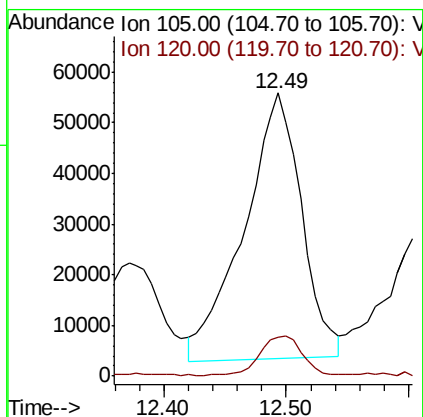
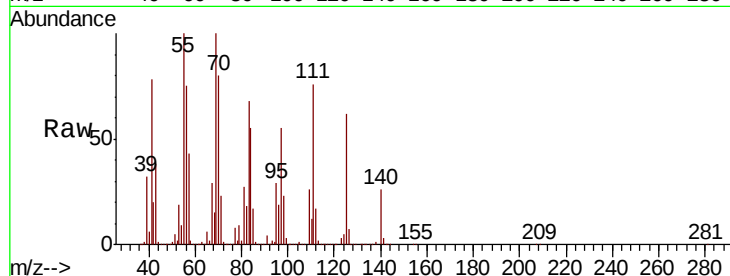
EP1-MW-F(7-10)RE

Tgt Ion:105 Resp: 170716

Ion Ratio Lower Upper

105 100

120 10.8 13.4 40.1#



#74

N-ethyl acetate

Concen: 540.898 ug/l

RT: 12.19 min Scan# 1687

Delta R.T. -0.09 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Tgt Ion: 43 Resp: 3747126

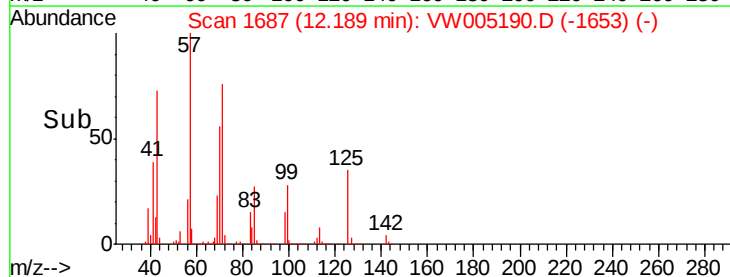
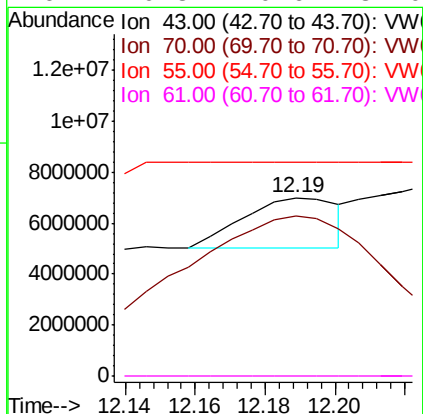
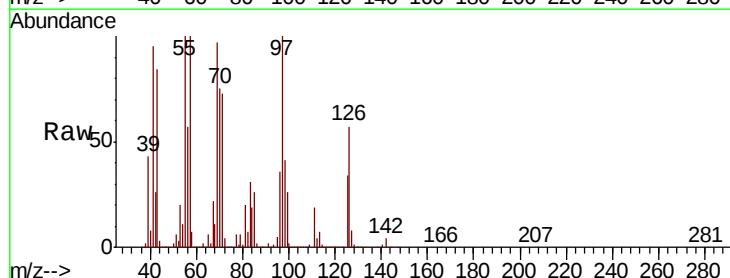
Ion Ratio Lower Upper

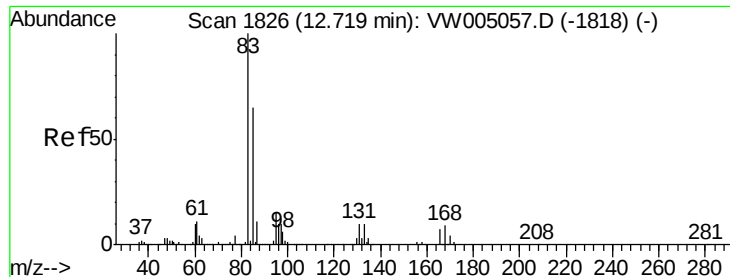
43 100

70 332.7 38.2 57.4#

55 0.0 23.2 34.8#

61 0.8 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 989.150 ug/l

RT: 12.73 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

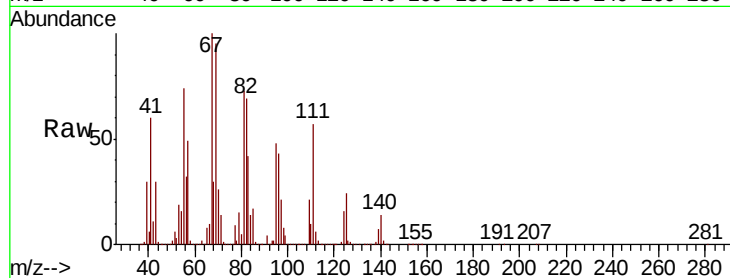
Tgt Ion: 83 Resp: 6058295

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

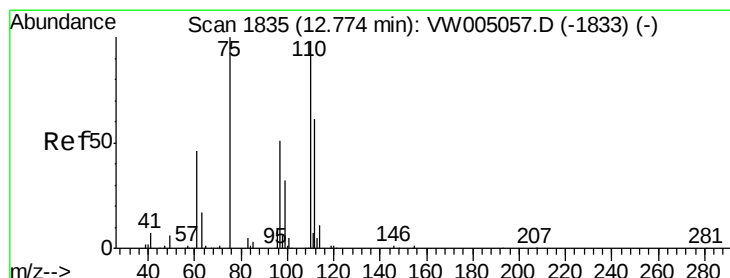
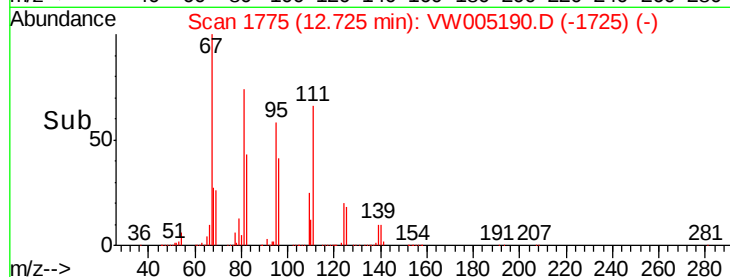
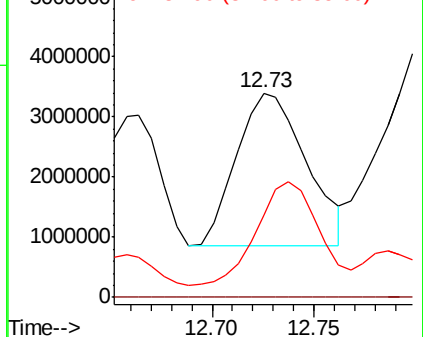
85 59.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 8.664 ug/l

RT: 12.73 min Scan# 1776

Delta R.T. -0.04 min

Lab File: VW005190.D

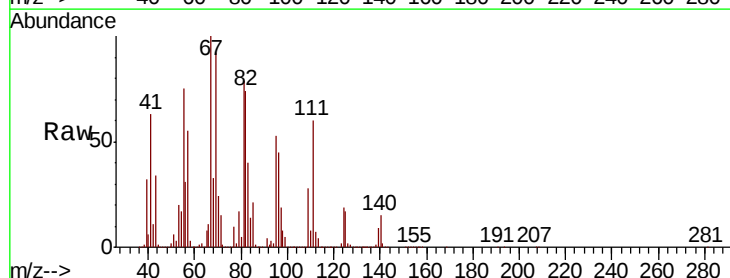
Acq: 07 Sep 2018 04:39

Tgt Ion: 75 Resp: 37107

Ion Ratio Lower Upper

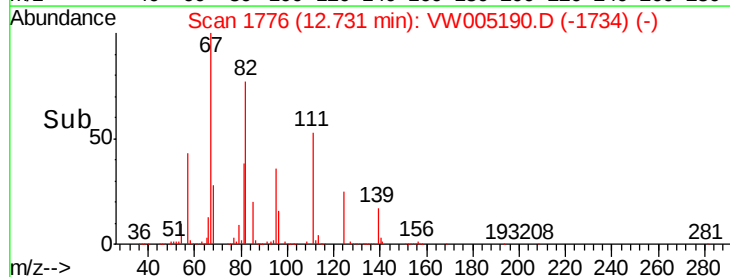
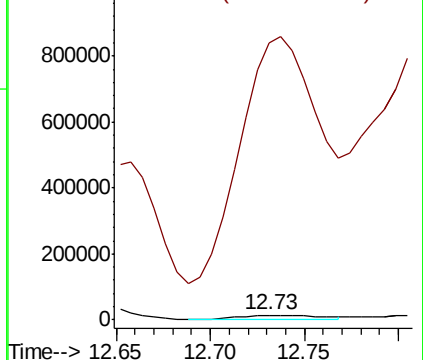
75 100

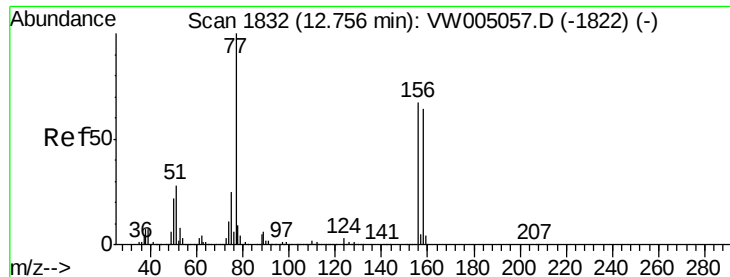
77 5845.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 7.021 ug/l

RT: 12.74 min Scan# 1777

Delta R.T. -0.02 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

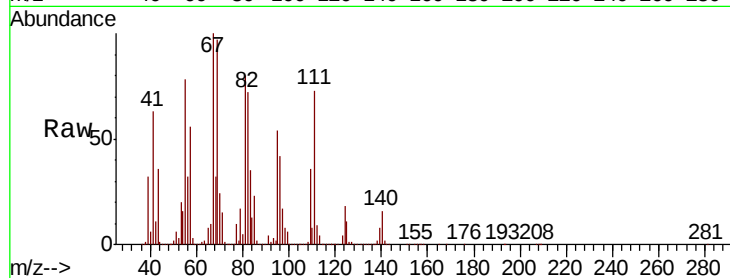
Tgt Ion:156 Resp: 69600

Ion Ratio Lower Upper

156 100

77 3116.4 85.8 257.4#

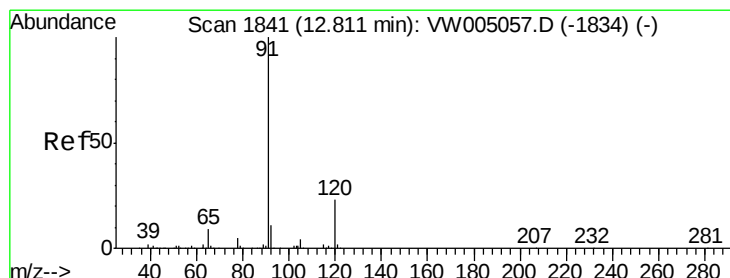
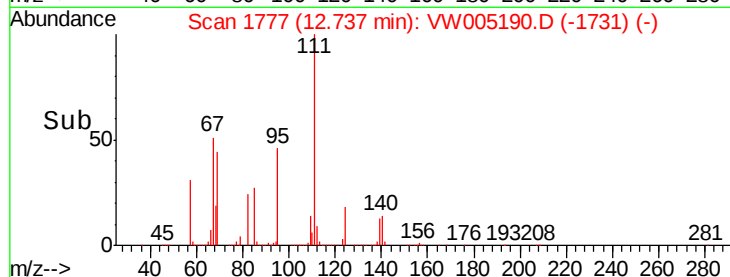
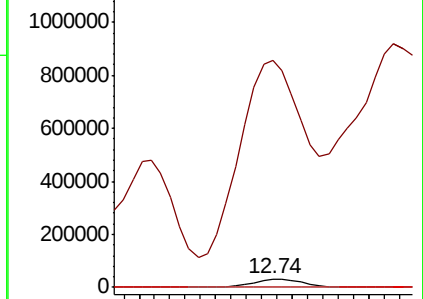
158 0.7 48.1 144.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 32.294 ug/l

RT: 12.83 min Scan# 1792

Delta R.T. 0.02 min

Lab File: VW005190.D

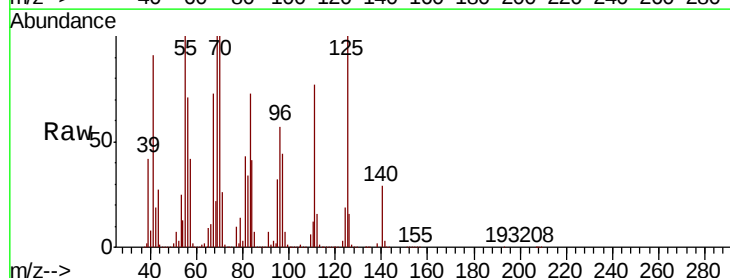
Acq: 07 Sep 2018 04:39

Tgt Ion: 91 Resp: 1568489

Ion Ratio Lower Upper

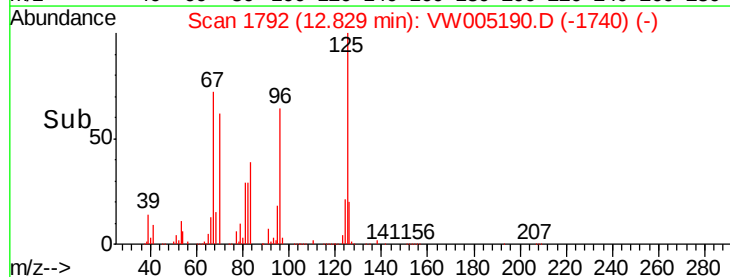
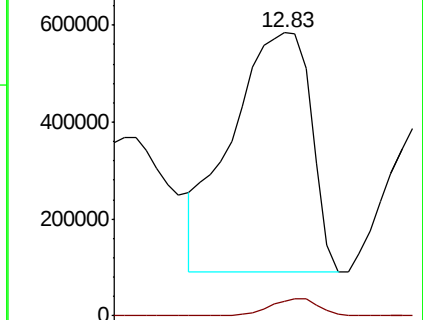
91 100

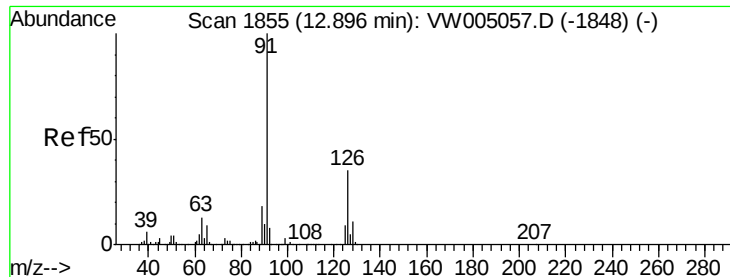
120 4.4 11.8 35.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

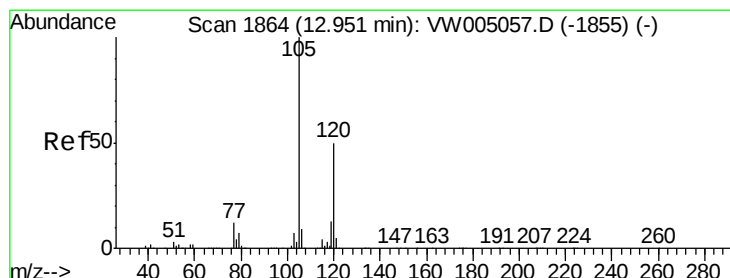
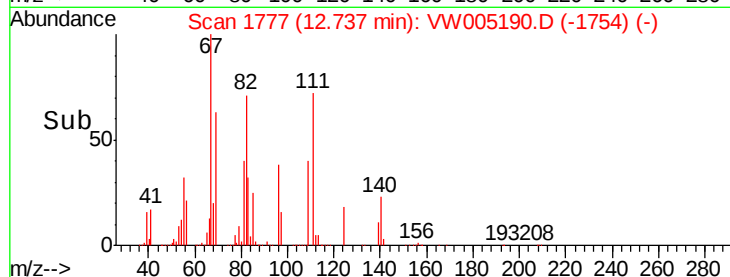
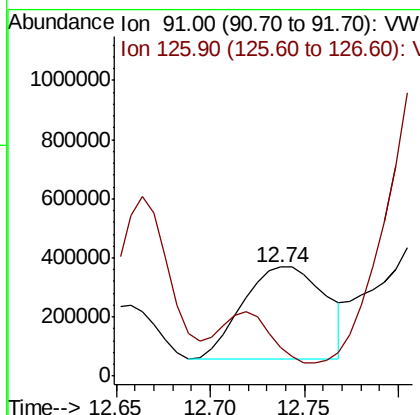
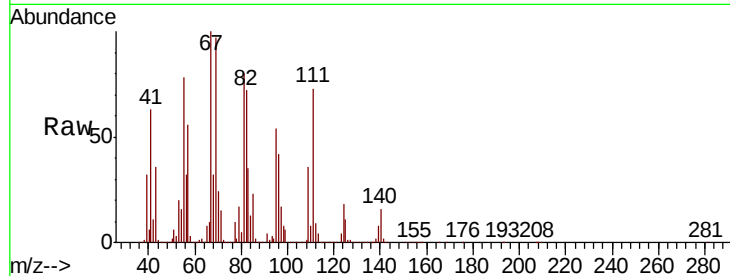




#79
 2-Chlorotoluene
 Concen: 33.351 ug/l
 RT: 12.74 min Scan# 1777
 Delta R.T. -0.16 min
 Lab File: VW005190.D
 Acq: 07 Sep 2018 04:39

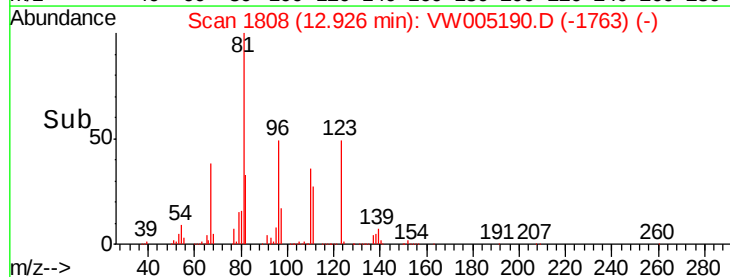
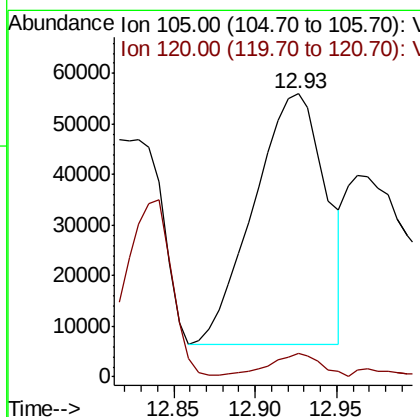
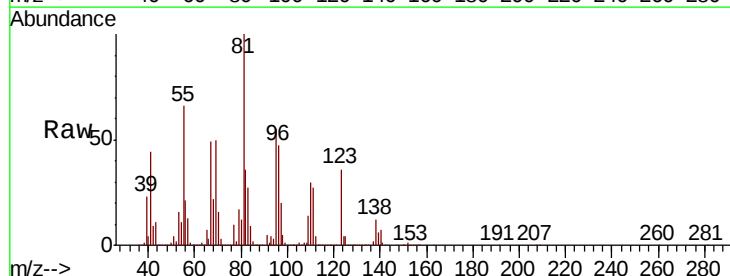
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)RE

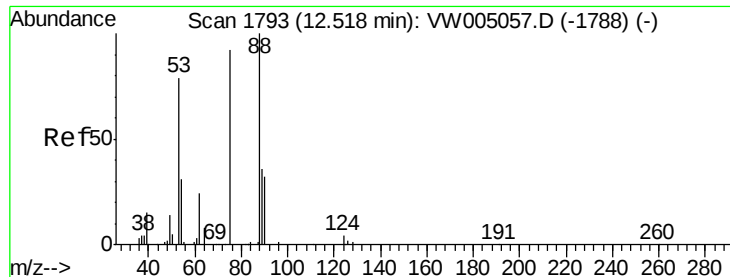
Tgt Ion: 91 Resp: 945034
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 4.373 ug/l
 RT: 12.93 min Scan# 1808
 Delta R.T. -0.02 min
 Lab File: VW005190.D
 Acq: 07 Sep 2018 04:39

Tgt Ion: 105 Resp: 152160
 Ion Ratio Lower Upper
 105 100
 120 6.7 24.9 74.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 22.304 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.06 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

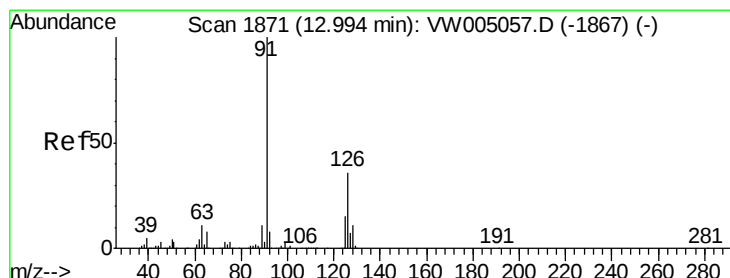
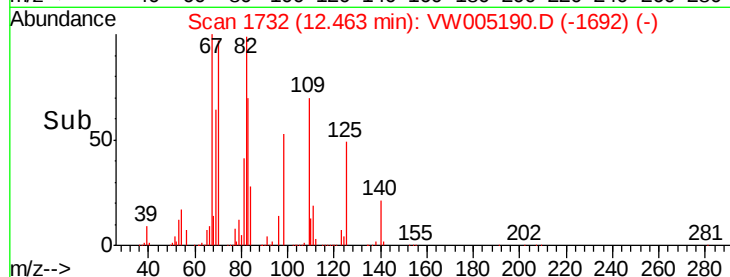
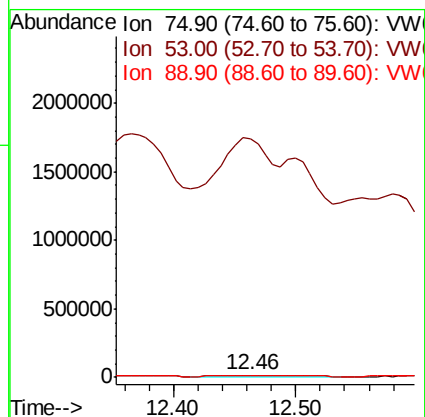
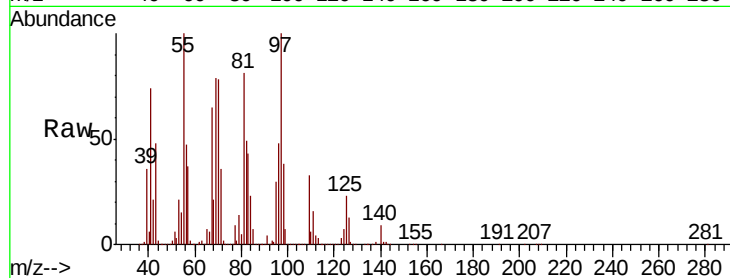
Tgt Ion: 75 Resp: 39689

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 120.9 36.0 54.0#



#82

4-Chlorotoluene

Concen: 20.427 ug/l

RT: 12.74 min Scan# 1777

Delta R.T. -0.26 min

Lab File: VW005190.D

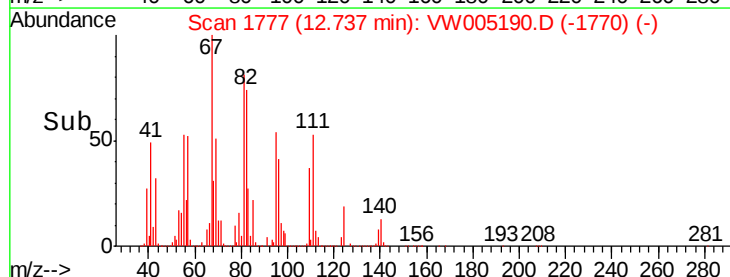
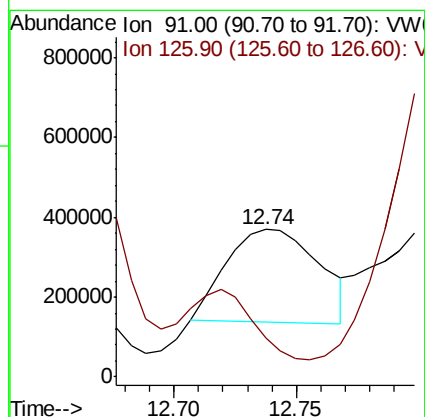
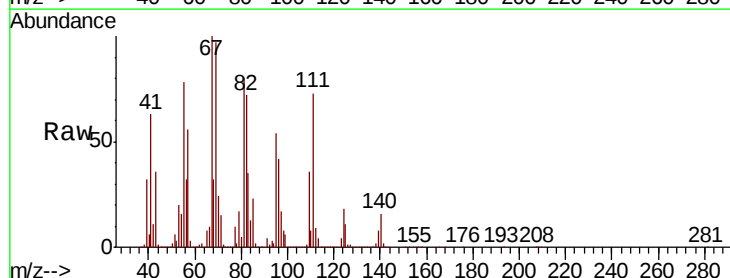
Acq: 07 Sep 2018 04:39

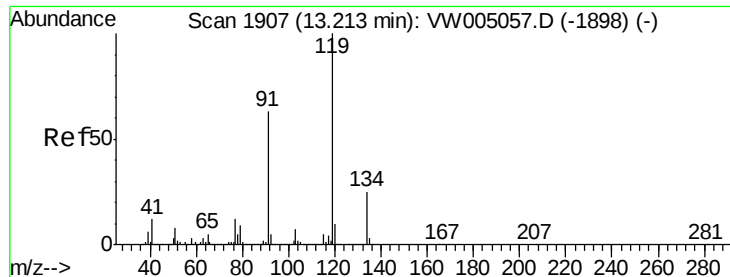
Tgt Ion: 91 Resp: 611211

Ion Ratio Lower Upper

91 100

126 40.1 17.4 52.3





#83

tert-Butylbenzene

Concen: 18.443 ug/l

RT: 13.23 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

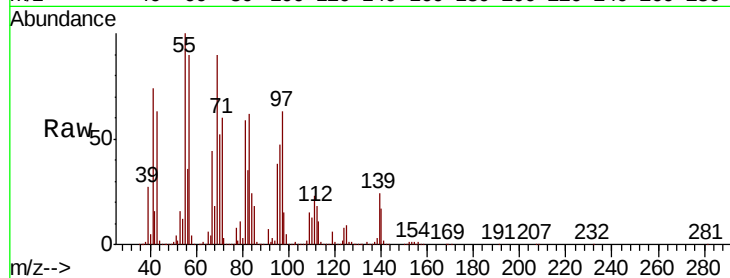
Tgt Ion:119 Resp: 535864

Ion Ratio Lower Upper

119 100

91 153.8 31.8 95.4#

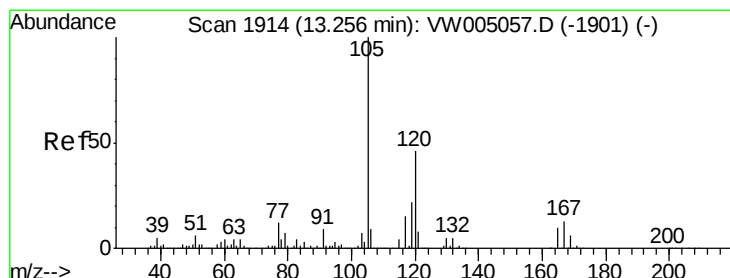
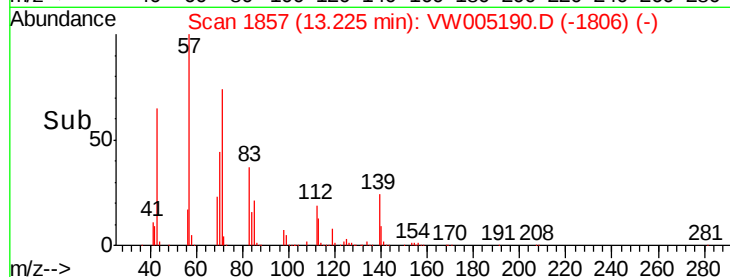
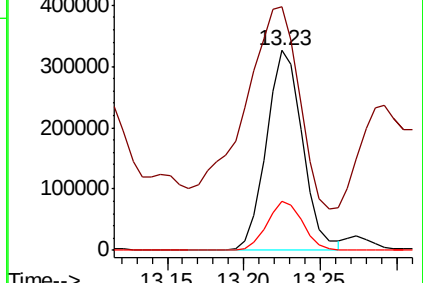
134 24.2 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 7.835 ug/l

RT: 13.27 min Scan# 1865

Delta R.T. 0.02 min

Lab File: VW005190.D

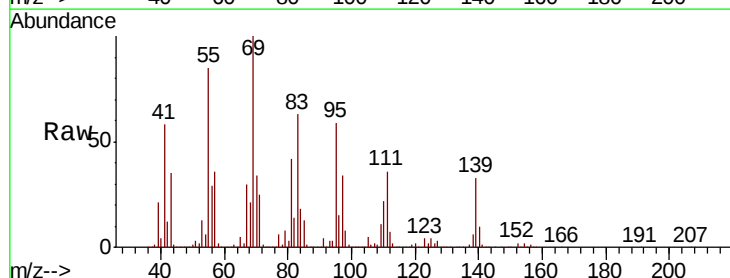
Acq: 07 Sep 2018 04:39

Tgt Ion:105 Resp: 277634

Ion Ratio Lower Upper

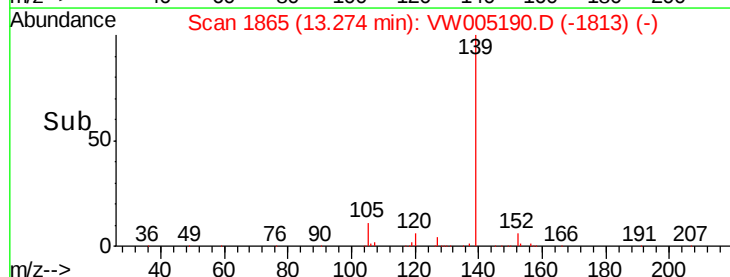
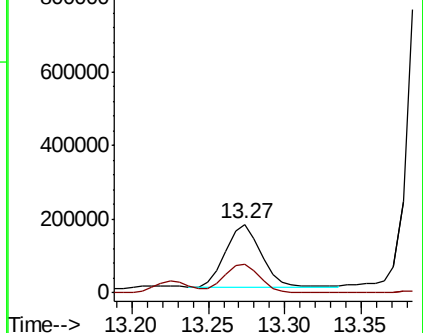
105 100

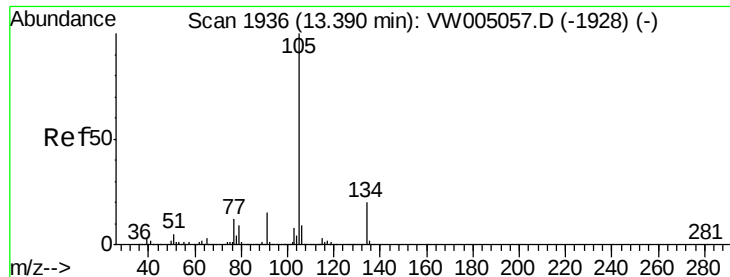
120 44.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

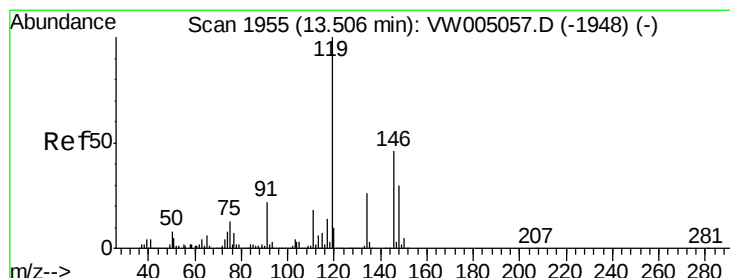
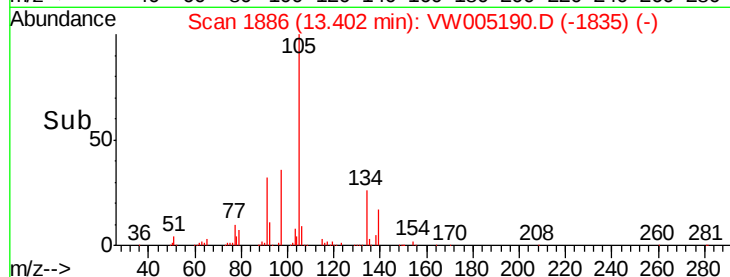
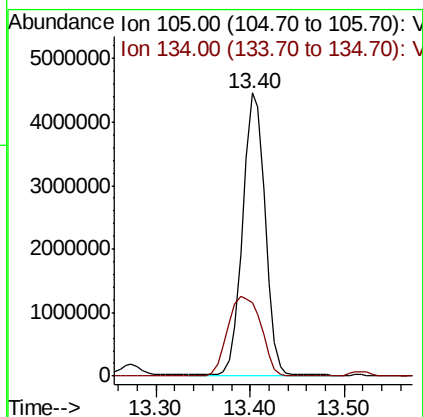
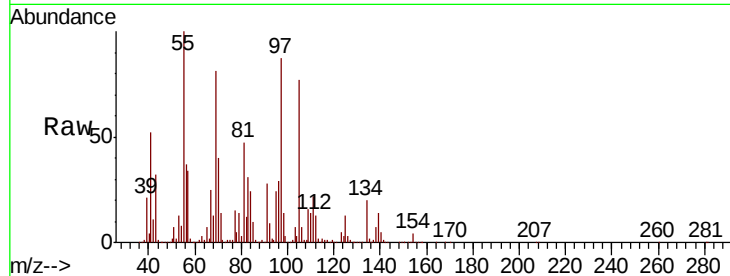




#85
 sec-Butylbenzene
 Concen: 173.724 ug/l
 RT: 13.40 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VW005190.D
 Acq: 07 Sep 2018 04:39

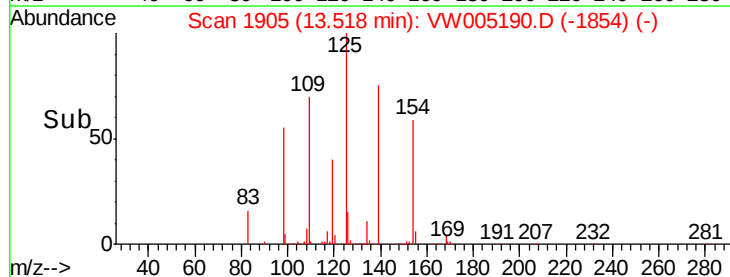
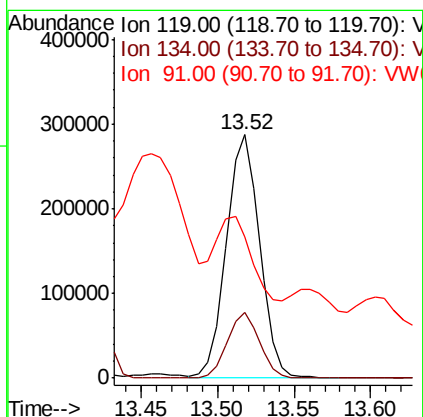
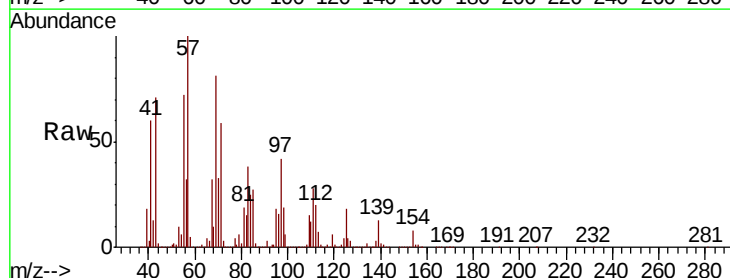
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)RE

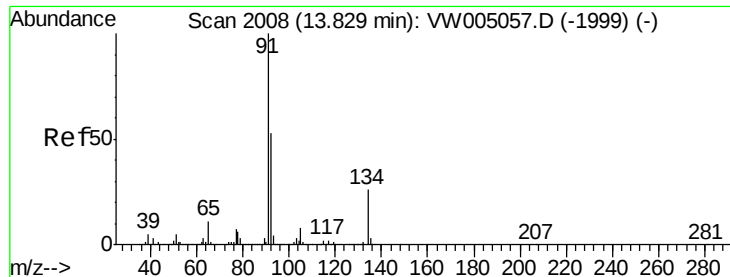
Tgt Ion:105 Resp: 7418051
 Ion Ratio Lower Upper
 105 100
 134 41.8 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 11.367 ug/l
 RT: 13.52 min Scan# 1905
 Delta R.T. 0.01 min
 Lab File: VW005190.D
 Acq: 07 Sep 2018 04:39

Tgt Ion:119 Resp: 429671
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 0.0 10.9 32.9#





#89

n-Butylbenzene

Concen: 23.227 ug/l

RT: 13.82 min Scan# 1954

Delta R.T. -0.01 min

Lab File: VW005190.D

Acq: 07 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)RE

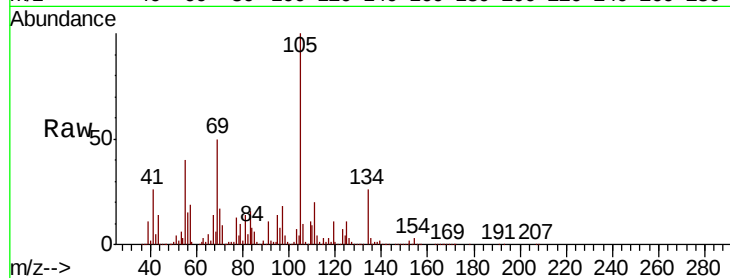
Tgt Ion: 91 Resp: 813635

Ion Ratio Lower Upper

91 100

92 21.9 26.5 79.5#

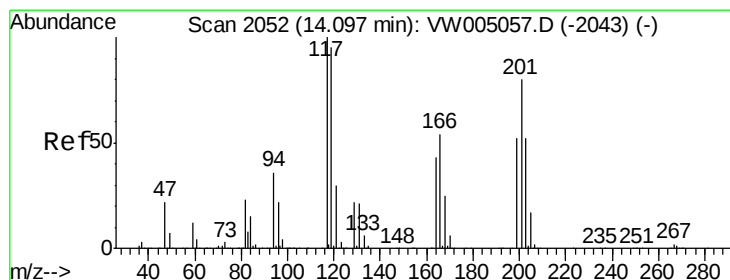
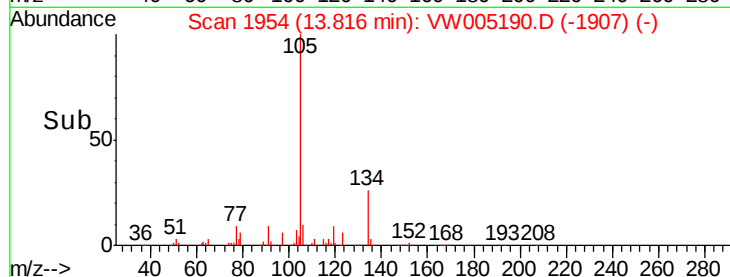
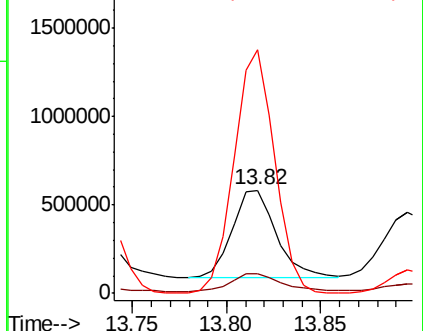
134 252.4 13.5 40.4#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 71.505 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW005190.D

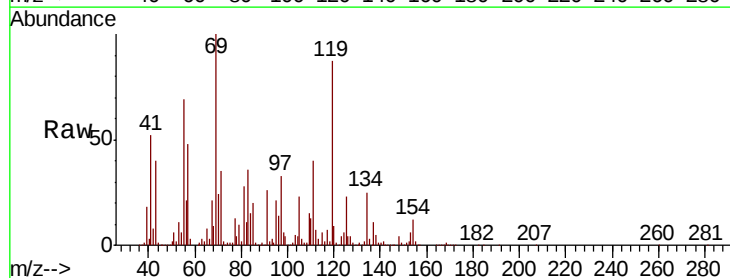
Acq: 07 Sep 2018 04:39

Tgt Ion: 117 Resp: 448946

Ion Ratio Lower Upper

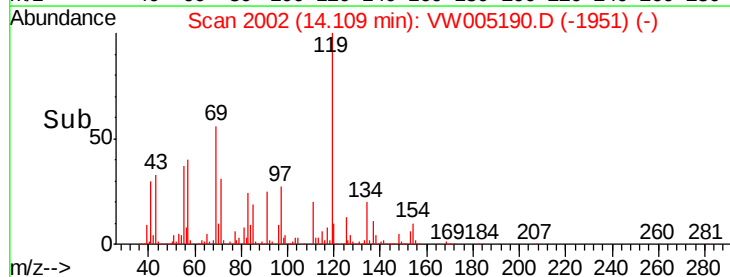
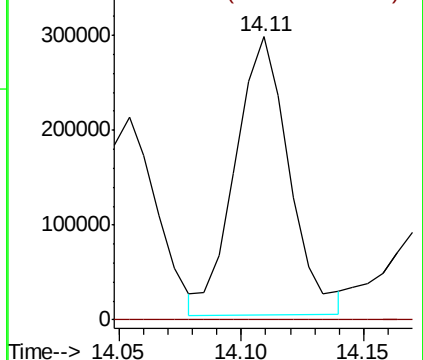
117 100

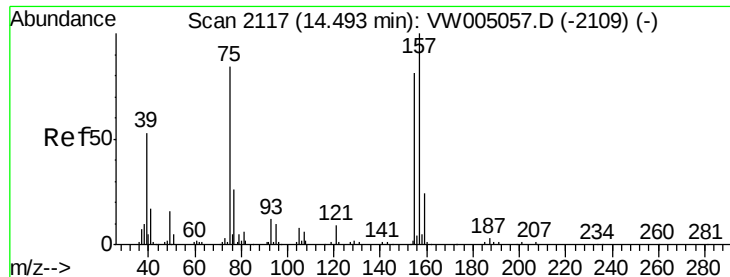
201 0.0 44.6 133.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

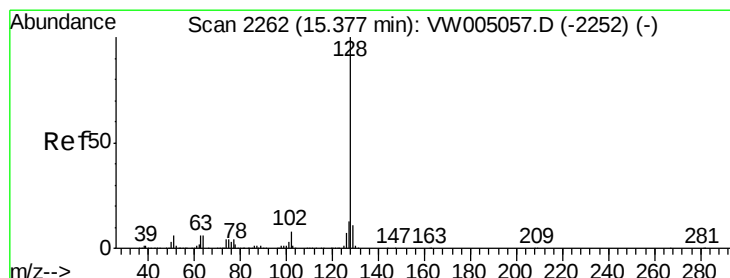
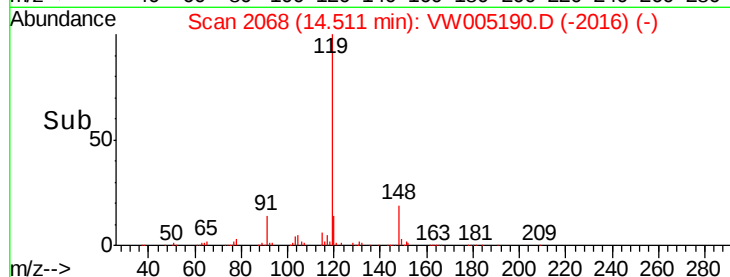
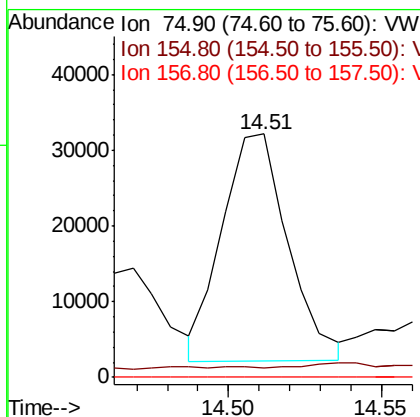
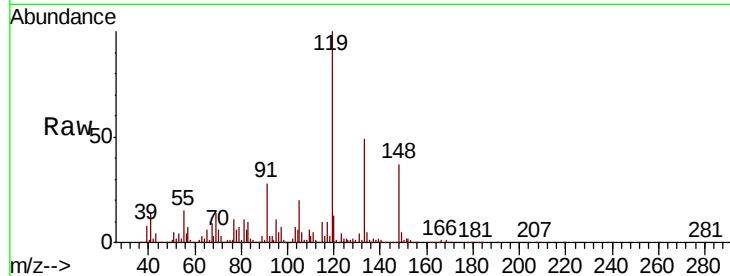




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.860 ug/l
 RT: 14.51 min Scan# 2068
 Delta R.T. 0.02 min
 Lab File: VW005190.D
 Acq: 07 Sep 2018 04:39

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)RE

Tgt Ion: 75 Resp: 44850
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.0 137.8#
 157 0.0 58.6 175.7#



#95
 Naphthalene
 Concen: 4.682 ug/l
 RT: 15.33 min Scan# 2202
 Delta R.T. -0.05 min
 Lab File: VW005190.D
 Acq: 07 Sep 2018 04:39

Tgt Ion: 128 Resp: 15694
 Ion Ratio Lower Upper
 128 100
 127 37.8 10.4 15.6#
 129 97.8 8.7 13.1#

