

Data File : VW005112.D
Acq On : 05 Sep 2018 06:49
Operator : SY/AP
Sample : J4693-04
Misc : 6.52G/5ML/MSVOA_W/SOIL
ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Sep 05 07:46:48 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	410256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	791686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	464255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	630882	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	234461	68.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.88%	
35) Dibromofluoromethane	7.89	113	229455	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.33	98	527633	25.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.06%	
62) 4-Bromofluorobenzene	12.61	95	20149495	2710.69	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	5421.38%	

Target Compounds			Qvalue			
5) Bromomethane	2.79	94	94	Below Cal	#	29
10) Methyl Iodide	4.28	142	552	3.913	ug/l #	62
11) Tert butyl alcohol	5.14	59	2332	Below Cal	#	72
15) Acrylonitrile	5.45	53	1307	1.632	ug/l #	39
16) Acetone	4.13	43	49644	72.788	ug/l	99
17) Carbon Disulfide	4.39	76	461155	39.894	ug/l	99
18) Methyl Acetate	4.68	43	13798	6.877	ug/l	98
20) Methylene Chloride	4.92	84	24496	1.544	ug/l	94
25) 2-Butanone	7.18	43	19299	16.314	ug/l #	87
29) Tetrahydrofuran	7.54	42	874	1.446	ug/l #	51
31) Cyclohexane	8.04	56	418649	62.678	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	27249	3.614	ug/l #	47
38) Carbon Tetrachloride	7.95	117	35198	4.910	ug/l #	16
39) Methylcyclohexane	9.31	83	306229	33.583	ug/l #	34
43) Isopropyl Acetate	8.43	43	182062	35.482	ug/l #	49
47) Bromodichloromethane	9.62	83	106908	15.746	ug/l #	1
48) Methyl methacrylate	9.40	41	451921	182.910	ug/l #	35
51) 4-Methyl-2-Pentanone	10.14	43	6142486	1786.196	ug/l #	34
53) t-1,3-Dichloropropene	10.69	75	16646	2.495	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	15068233	3609.343	ug/l #	20
56) Ethyl methacrylate	10.68	69	13081979	2746.659	ug/l #	71
58) 2-Chloroethyl Vinyl ether	9.91	63	5277	2.338	ug/l #	46
59) 2-Hexanone	10.94	43	1796857	772.538	ug/l #	22
60) Dibromochloromethane	11.09	129	177709	37.653	ug/l #	10
61) 1,2-Dibromoethane	11.26	107	45354	12.033	ug/l #	1
65) Chlorobenzene	11.62	112	308646	29.531	ug/l #	42
67) Ethyl Benzene	11.64	91	96734	5.475	ug/l #	47
68) m/p-Xylenes	11.88	106	10121	1.431	ug/l #	1
69) o-Xylene	12.16	106	6557	1.002	ug/l #	1
73) Isopropylbenzene	12.49	105	174569	3.924	ug/l #	67
74) N-amyl acetate	12.19	43	3441951	449.366	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.73	83	6938307	1024.574	ug/l #	89
76) 1,2,3-Trichloropropane	12.73	75	44246	9.343	ug/l #	100
77) Bromobenzene	12.74	156	79040	7.211	ug/l #	1

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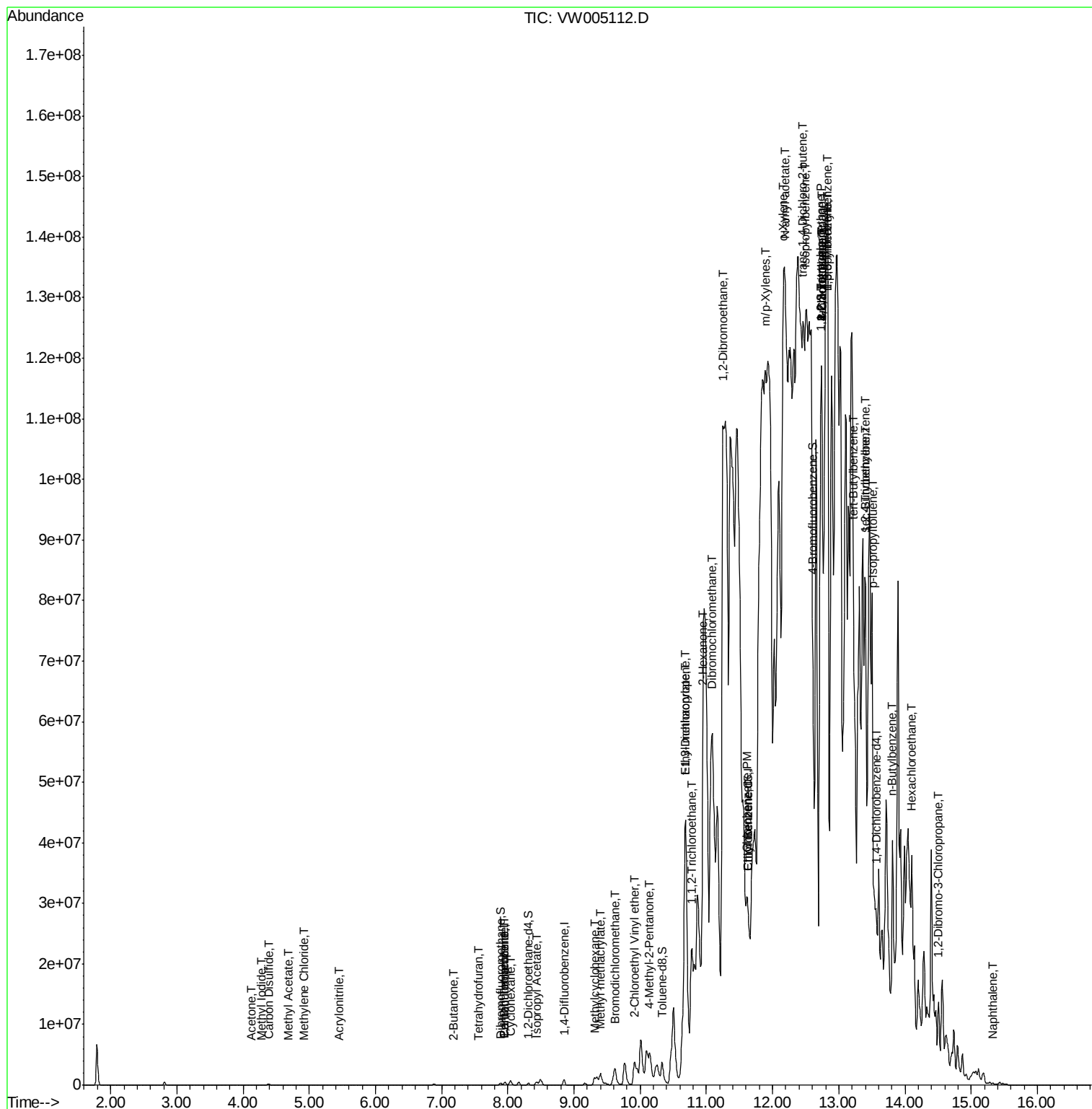
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.84	91	1848954	34.431	ug/l #	64
79) 2-Chlorotoluene	12.74	91	1083133	34.572	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	146328	3.804	ug/l	69
81) trans-1,4-Dichloro-2-buten	12.45	75	41203	20.942	ug/l #	1
82) 4-Chlorotoluene	12.74	91	648935	19.615	ug/l	89
83) tert-Butylbenzene	13.23	119	828613	25.793	ug/l #	20
84) 1,2,4-Trimethylbenzene	13.40	105	17562754	448.284	ug/l #	31
85) sec-Butylbenzene	13.40	105	17562754	371.999	ug/l #	39
86) p-Isopropyltoluene	13.51	119	832005	19.908	ug/l #	51
89) n-Butylbenzene	13.81	91	1802288	46.533	ug/l #	1
90) Hexachloroethane	14.11	117	663059	95.515	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26525	25.065	ug/l #	1
95) Naphthalene	15.33	128	9725	4.373	ug/l #	1

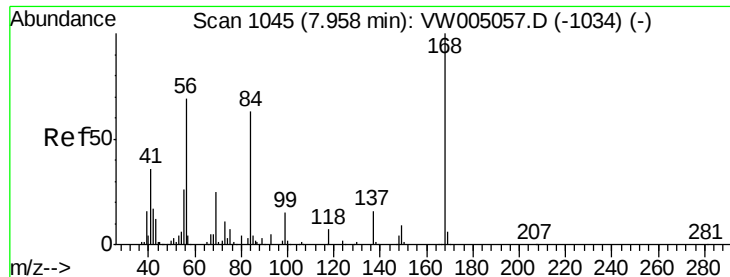
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

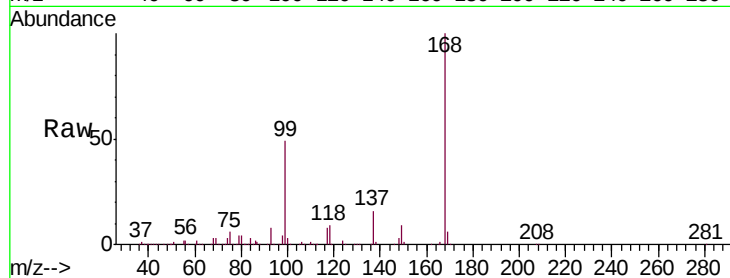
EP1-MW-F(7-10)

Tgt Ion:168 Resp: 410256

Ion Ratio Lower Upper

168 100

99 49.2 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

200000

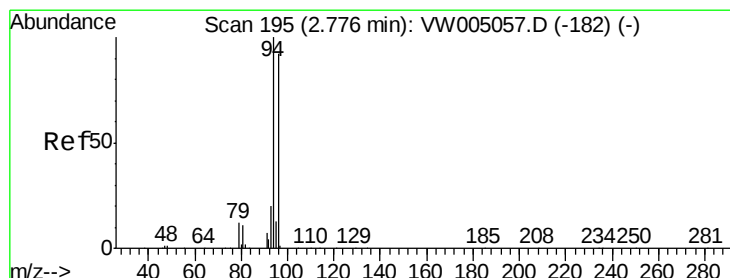
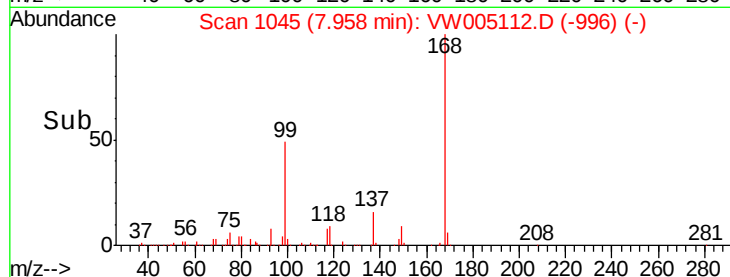
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW005112.D

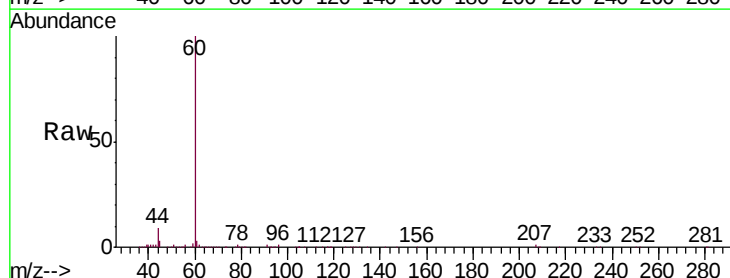
Acq: 05 Sep 2018 06:49

Tgt Ion: 94 Resp: 94

Ion Ratio Lower Upper

94 100

96 24.4 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

500

400

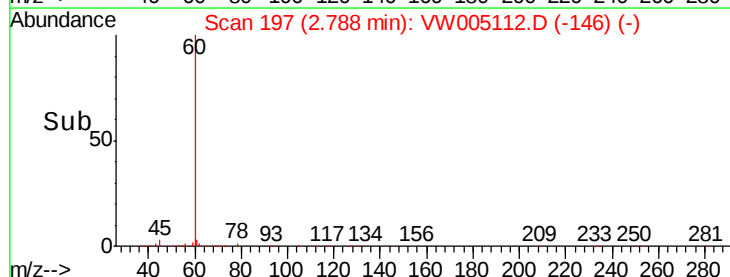
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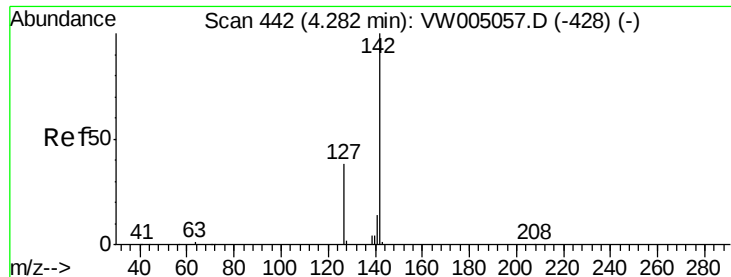
200

100

0

Time--> 2.77 2.78 2.79 2.80

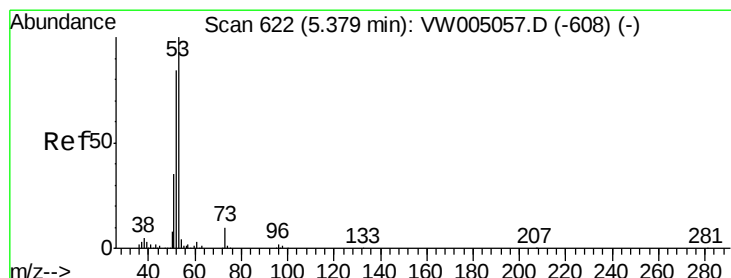
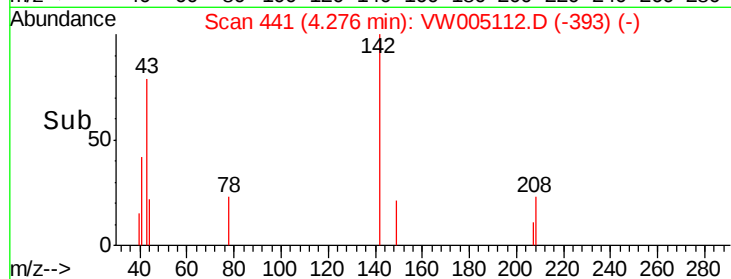
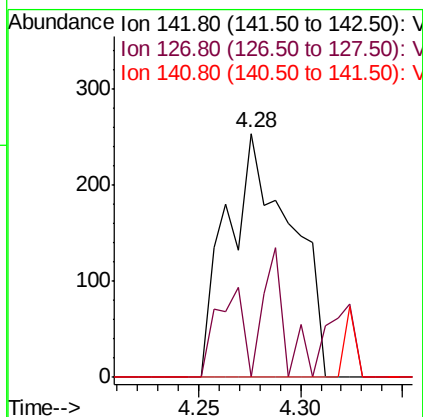
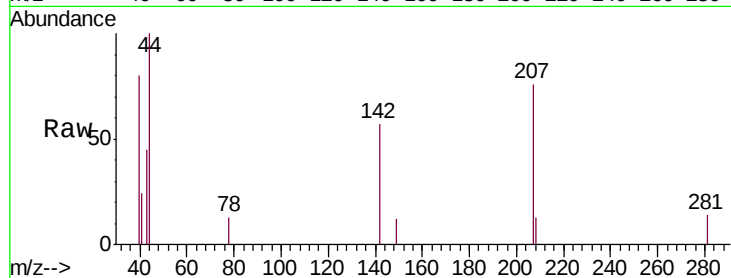




#10
Methyl Iodide
Concen: 3.913 ug/l
RT: 4.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

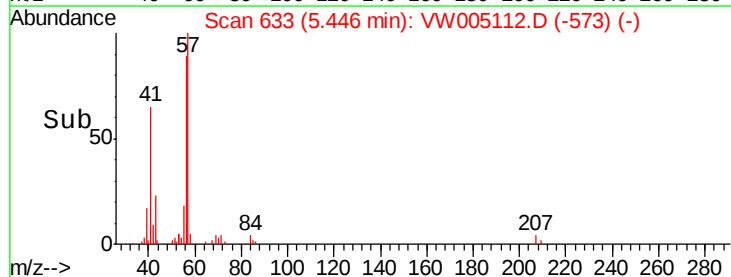
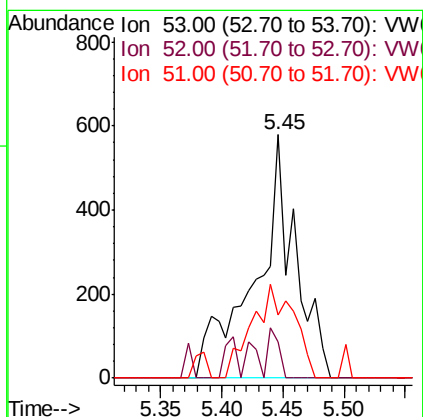
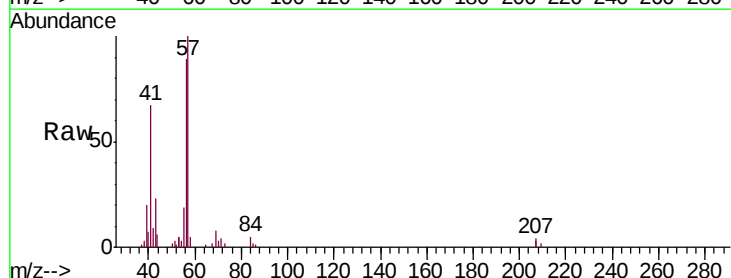
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)

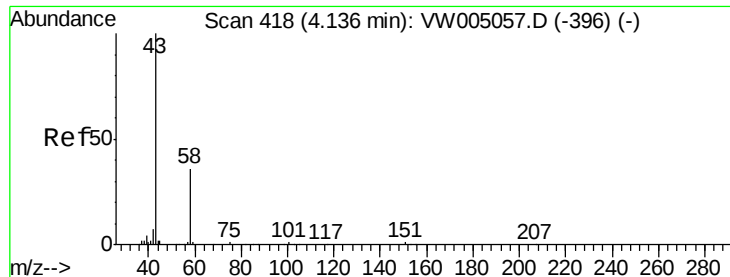
Tgt Ion:142 Resp: 552
Ion Ratio Lower Upper
142 100
127 15.2 30.8 46.2#
141 0.0 11.6 17.4#



#15
Acrylonitrile
Concen: 1.632 ug/l
RT: 5.45 min Scan# 633
Delta R.T. 0.07 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion: 53 Resp: 1307
Ion Ratio Lower Upper
53 100
52 5.8 65.7 98.5#
51 40.2 28.8 43.2





#16

Acetone

Concen: 72.788 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

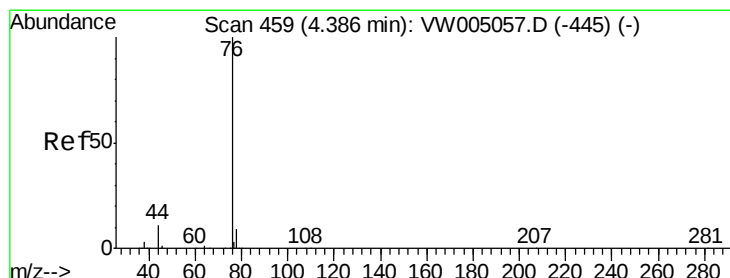
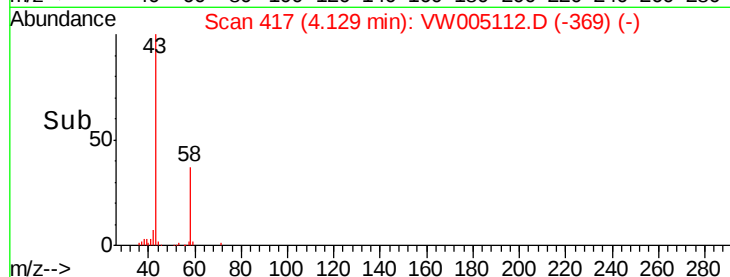
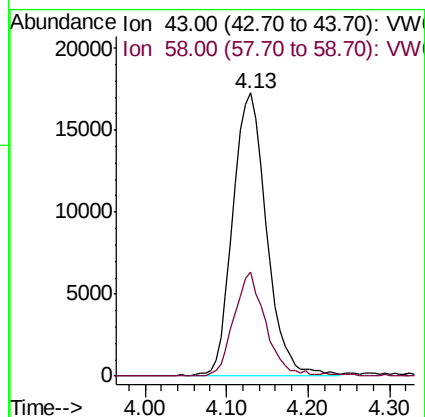
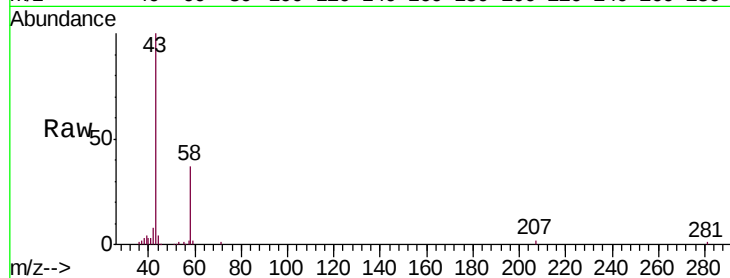
EP1-MW-F(7-10)

Tgt Ion: 43 Resp: 49644

Ion Ratio Lower Upper

43 100

58 37.0 29.0 43.6



#17

Carbon Disulfide

Concen: 39.894 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005112.D

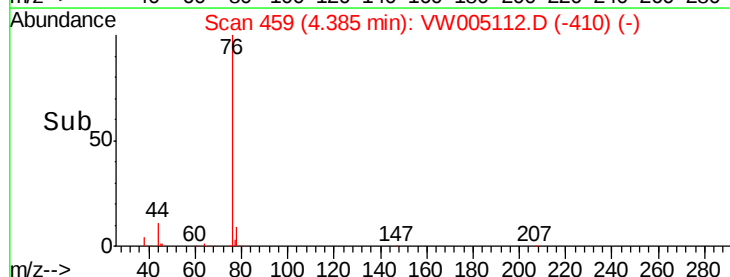
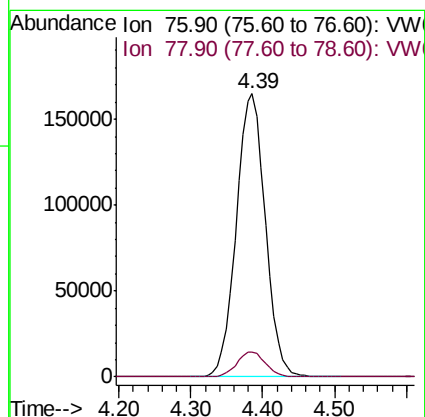
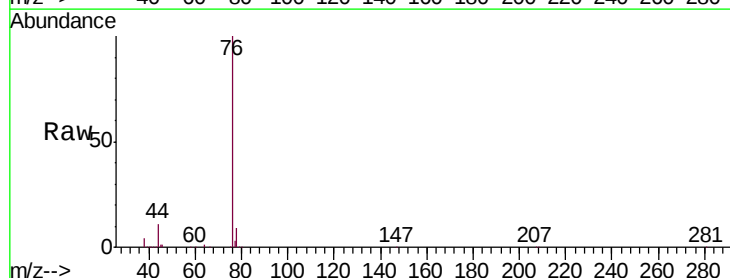
Acq: 05 Sep 2018 06:49

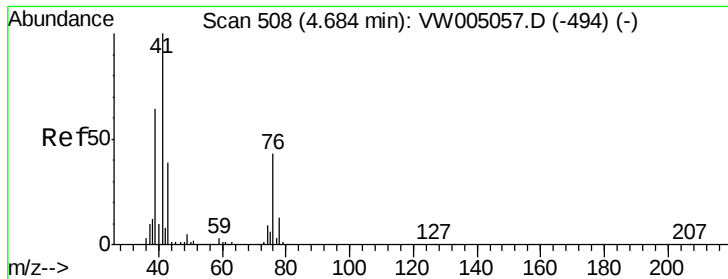
Tgt Ion: 76 Resp: 461155

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

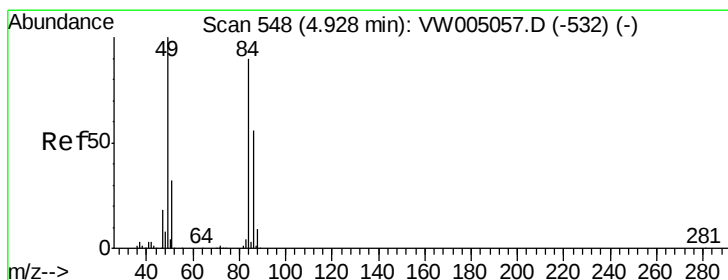
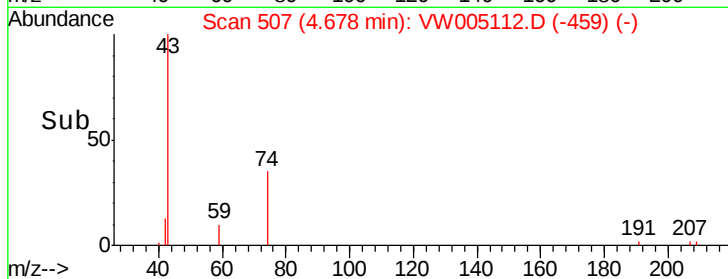
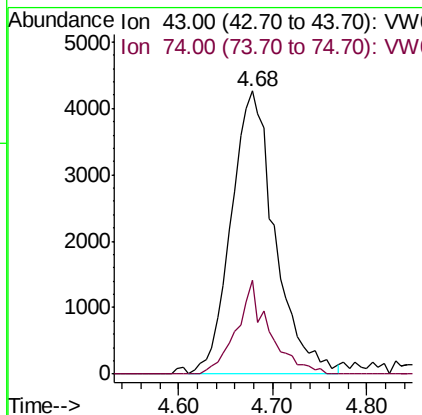
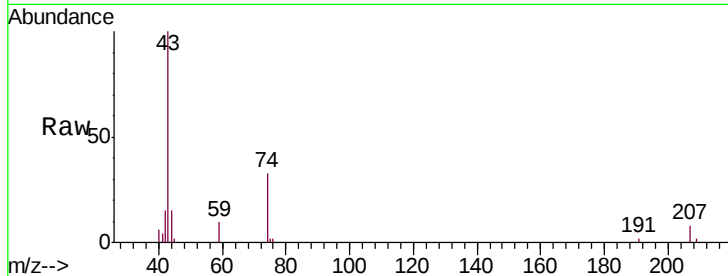




#18
Methyl Acetate
Concen: 6.877 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

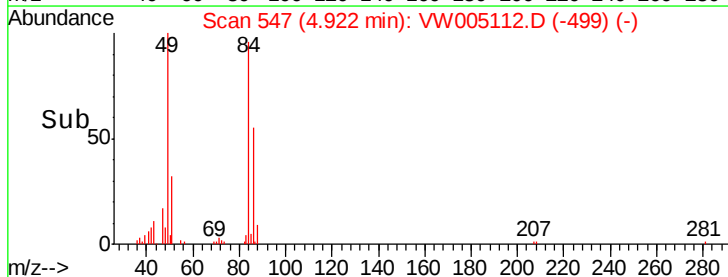
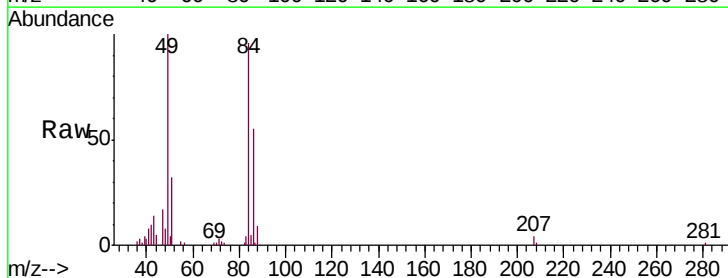
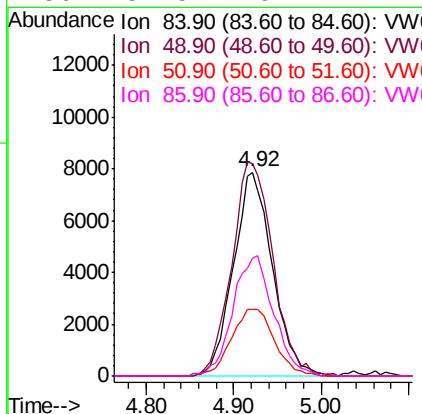
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)

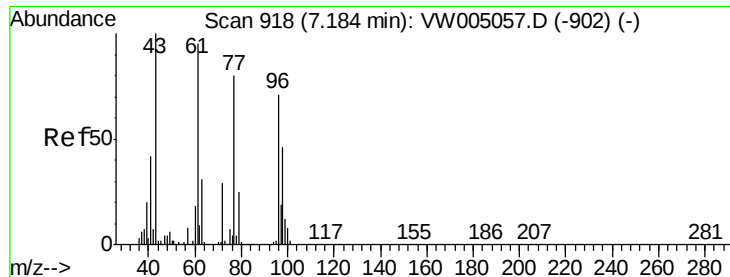
Tgt Ion: 43 Resp: 13798
Ion Ratio Lower Upper
43 100
74 25.1 20.7 31.1



#20
Methylene Chloride
Concen: 1.544 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion: 84 Resp: 24496
Ion Ratio Lower Upper
84 100
49 104.1 88.7 133.1
51 32.8 28.6 42.8
86 57.5 49.4 74.2





#25

2-Butanone

Concen: 16.314 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

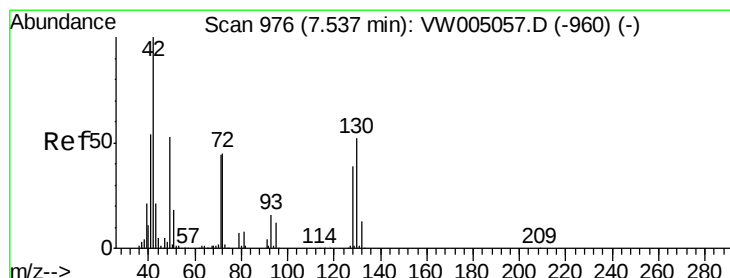
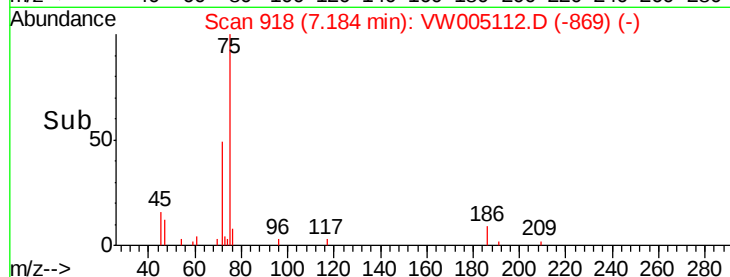
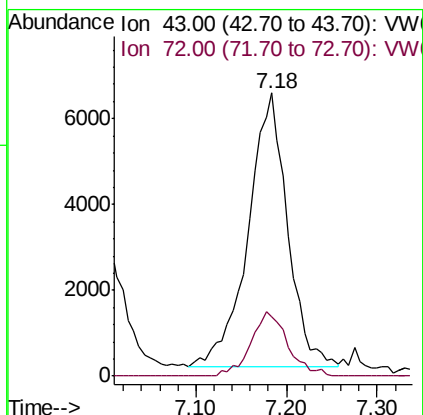
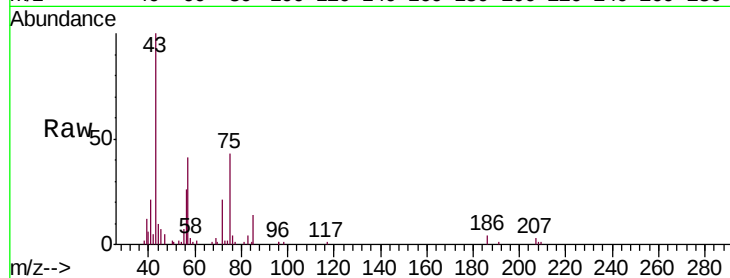
EP1-MW-F(7-10)

Tgt Ion: 43 Resp: 19299

Ion Ratio Lower Upper

43 100

72 21.9 23.1 34.7#



#29

Tetrahydrofuran

Concen: 1.446 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

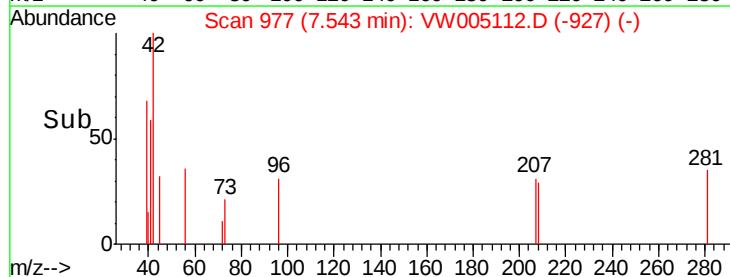
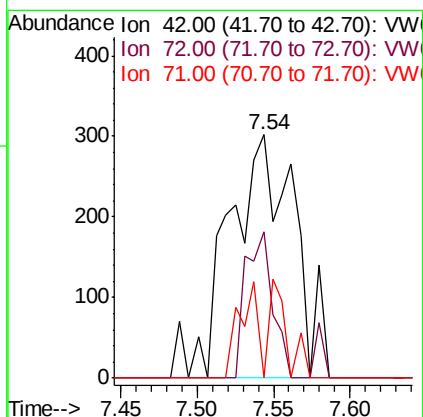
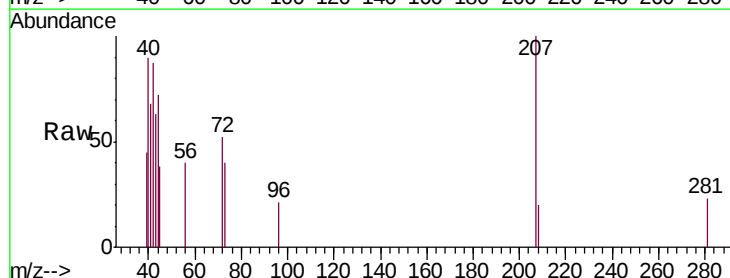
Tgt Ion: 42 Resp: 874

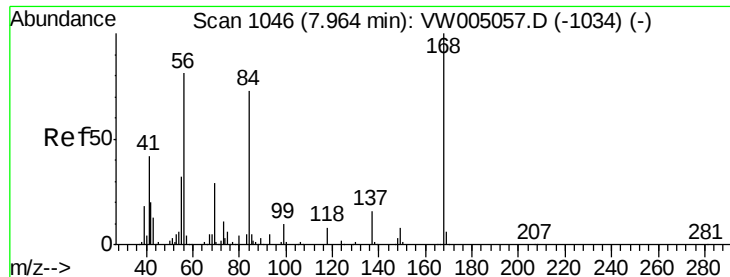
Ion Ratio Lower Upper

42 100

72 25.6 37.0 55.4#

71 0.0 35.0 52.6#

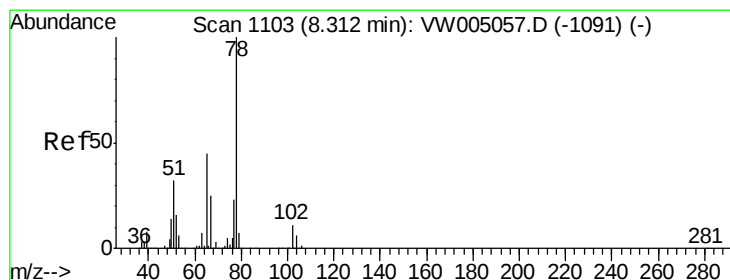
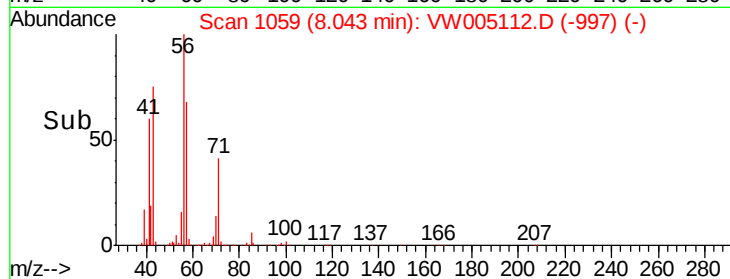
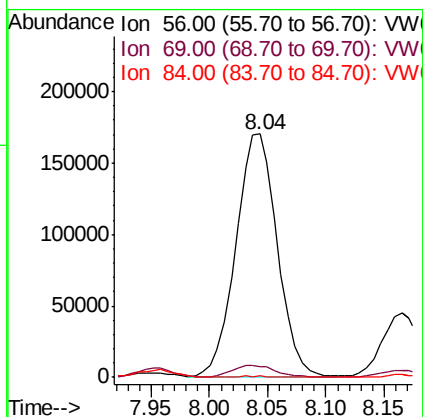
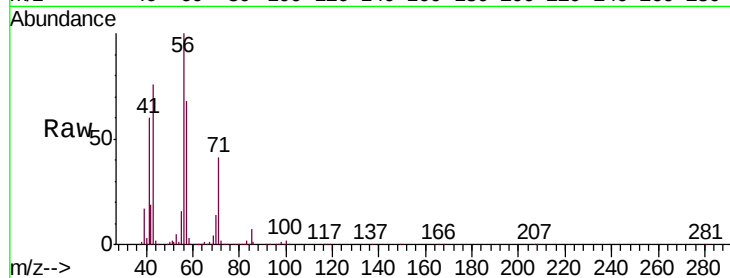




#31
Cyclohexane
Concen: 62.678 ug/l
RT: 8.04 min Scan# 1059
Delta R.T. 0.08 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

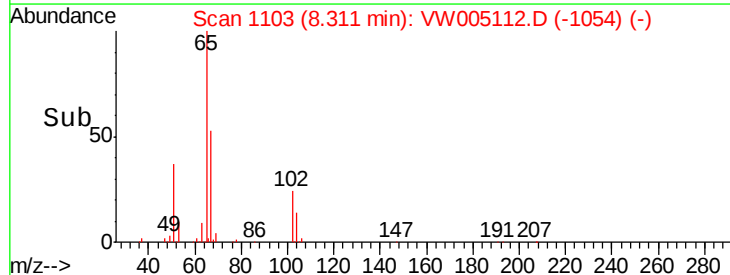
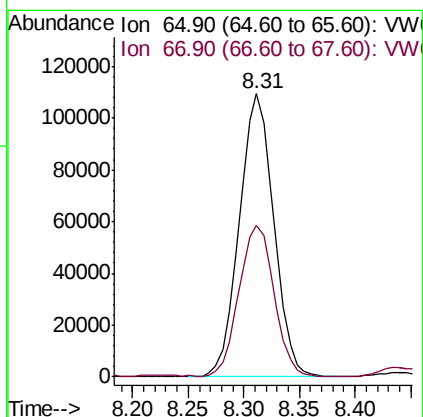
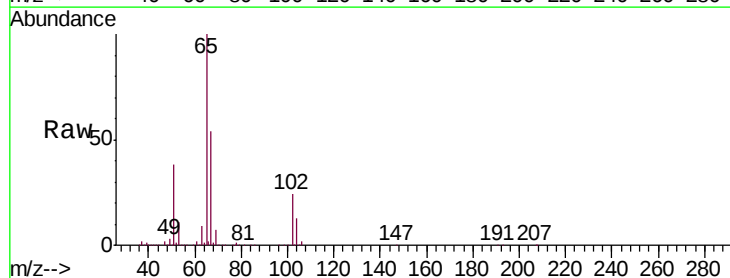
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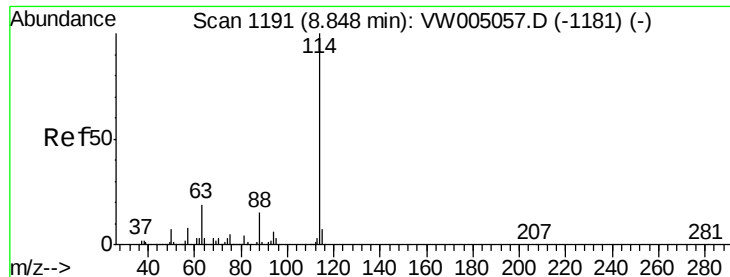
Tgt Ion: 56 Resp: 418649
Ion Ratio Lower Upper
56 100
69 4.1 28.2 42.2#
84 0.5 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 68.942 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion: 65 Resp: 234461
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.4

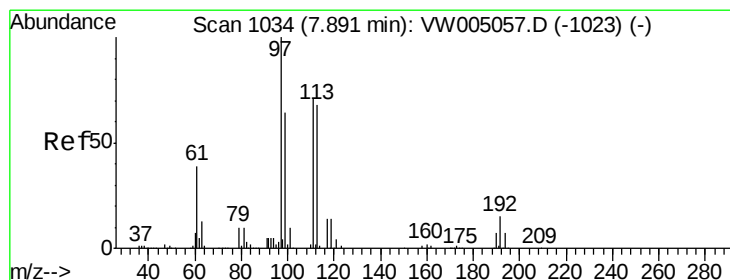
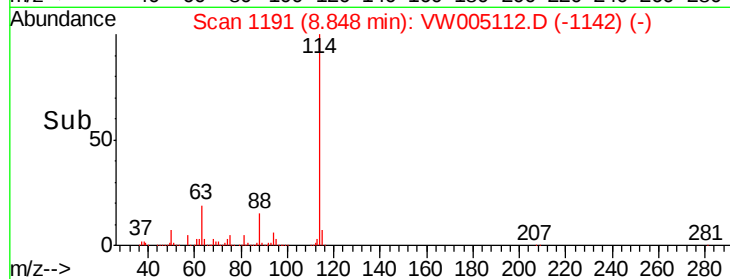
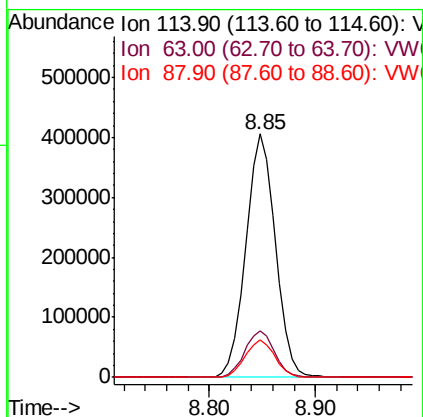
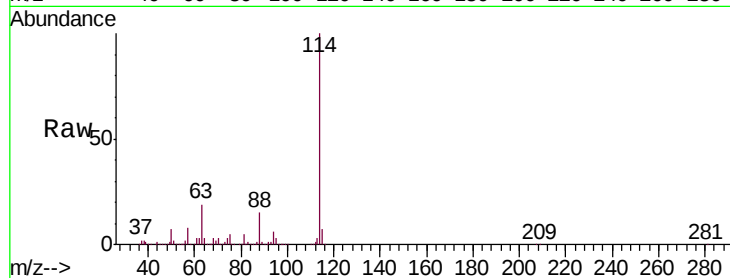




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005112.D
 Acq: 05 Sep 2018 06:49

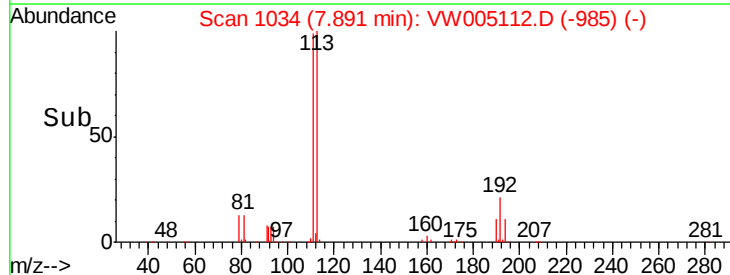
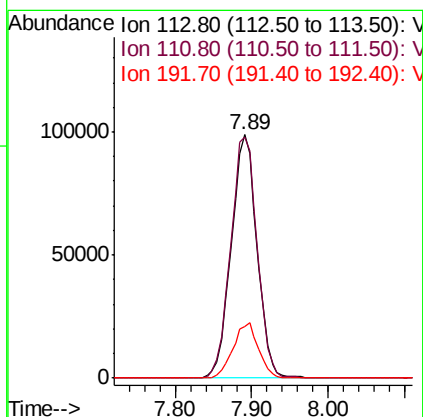
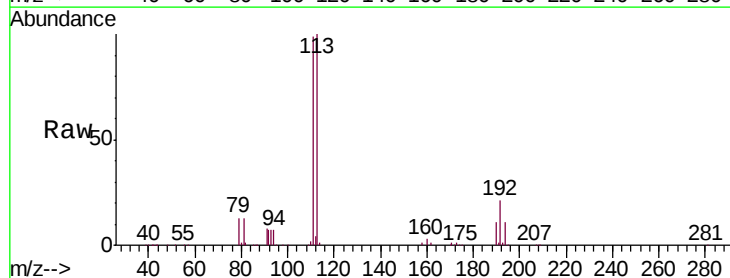
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)

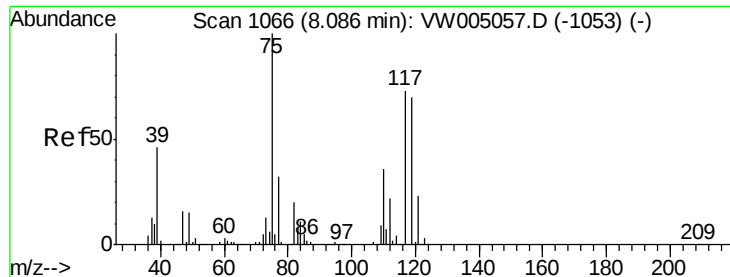
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.0
88	15.2	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 50.154 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005112.D
 Acq: 05 Sep 2018 06:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	22.3	18.1	27.1

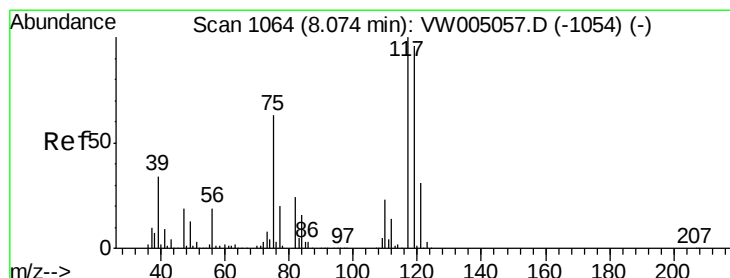
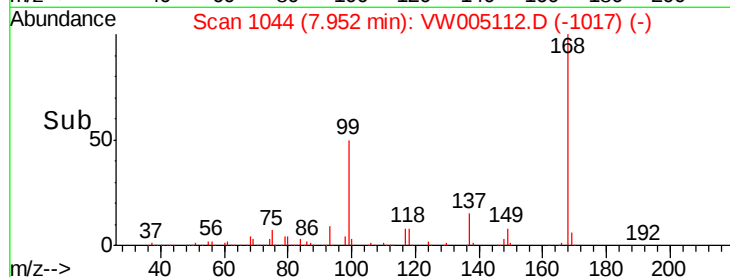
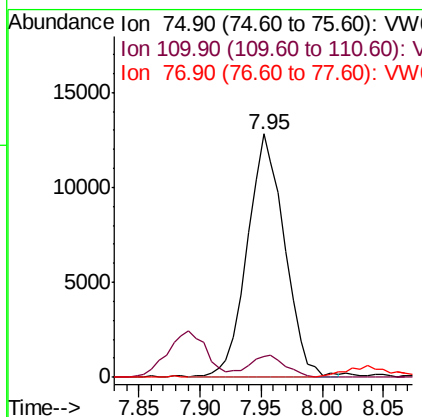
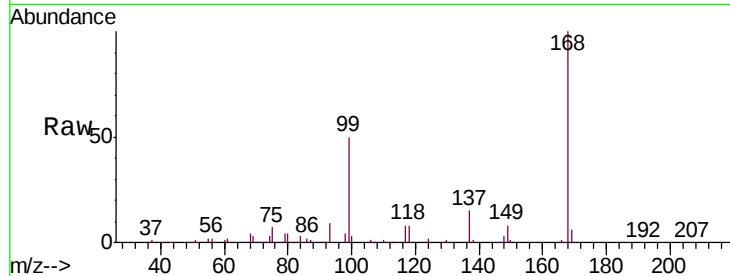




#36
 1,1-Dichloropropene
 Concen: 3.614 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005112.D
 Acq: 05 Sep 2018 06:49

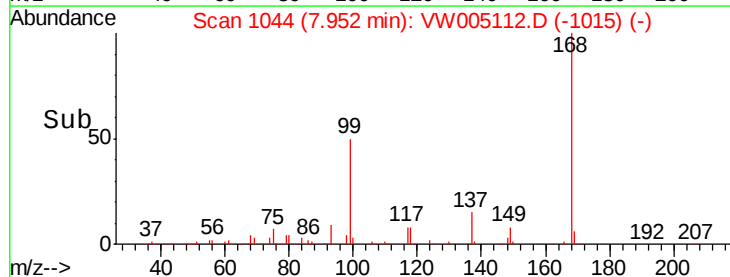
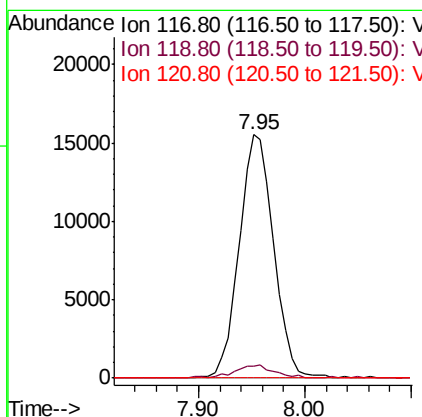
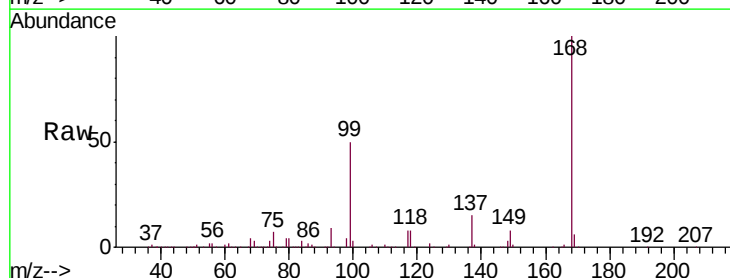
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)

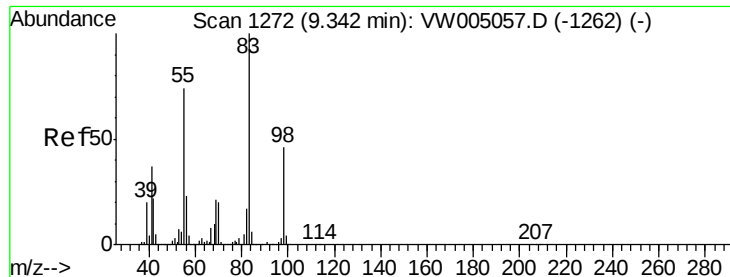
Tgt Ion: 75 Resp: 27249
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.9 56.7#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 4.910 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW005112.D
 Acq: 05 Sep 2018 06:49

Tgt Ion: 117 Resp: 35198
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.6 115.0#
 121 0.0 24.8 37.2#

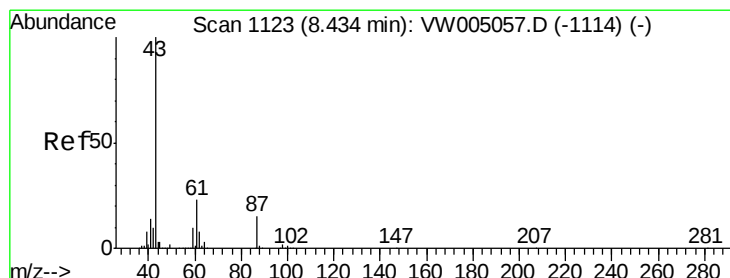
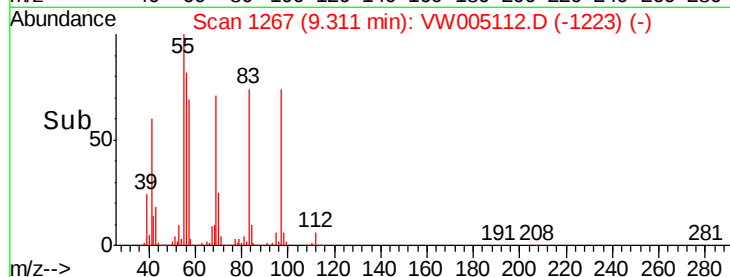
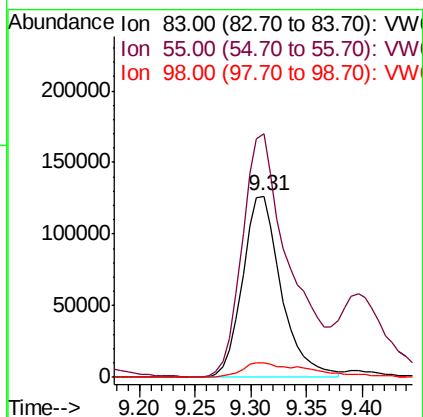
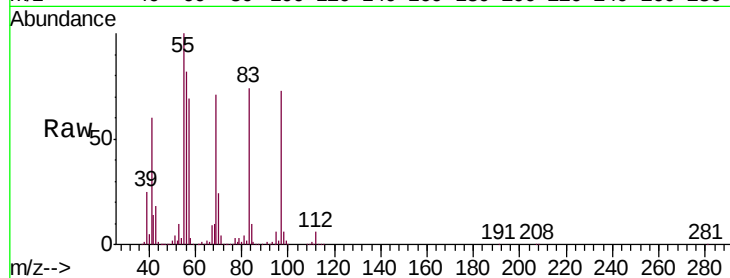




#39
Methylcyclohexane
Concen: 33.583 ug/l
RT: 9.31 min Scan# 1267
Delta R.T. -0.03 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

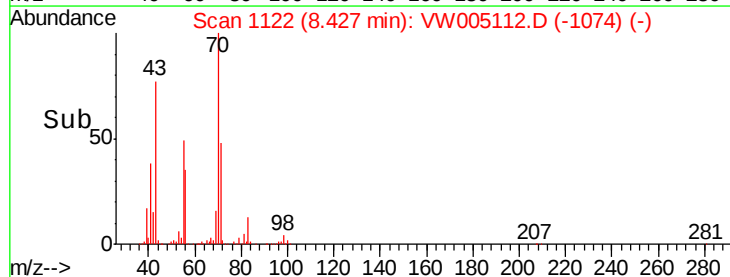
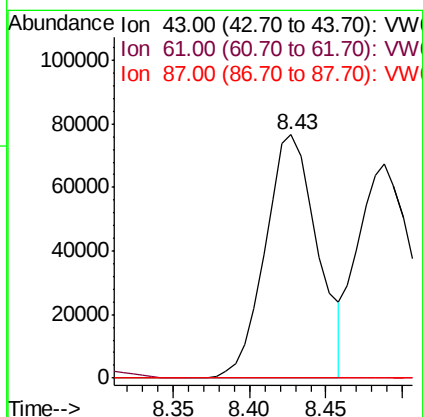
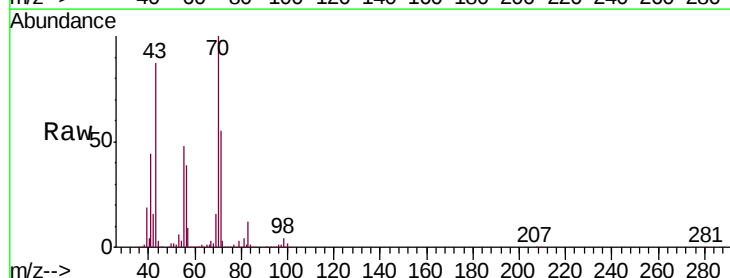
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)

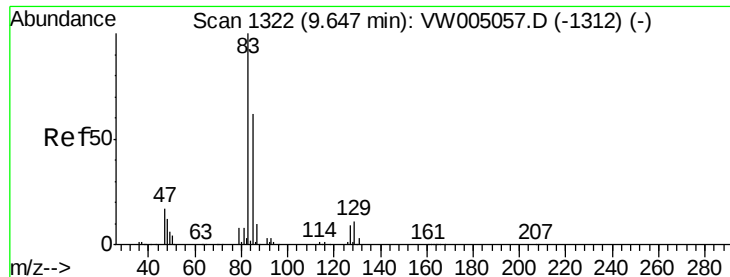
Tgt Ion: 83 Resp: 306229
Ion Ratio Lower Upper
83 100
55 134.2 58.9 88.3#
98 8.3 36.8 55.2#



#43
Isopropyl Acetate
Concen: 35.482 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion: 43 Resp: 182062
Ion Ratio Lower Upper
43 100
61 0.2 26.8 40.2#
87 0.0 11.6 17.4#





#47

Bromodichloromethane

Concen: 15.746 ug/l

RT: 9.62 min Scan# 1317

Delta R.T. -0.03 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)

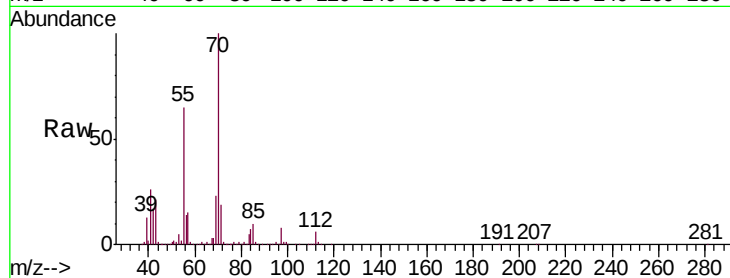
Tgt Ion: 83 Resp: 106908

Ion Ratio Lower Upper

83 100

85 209.8 49.8 74.6#

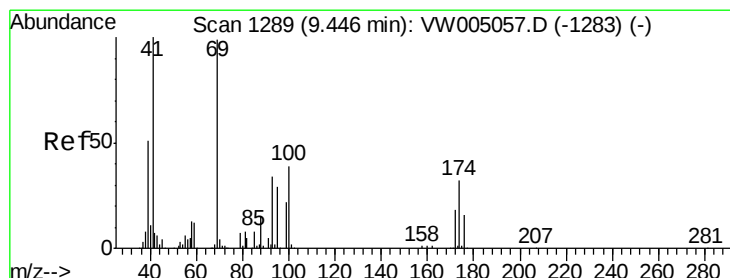
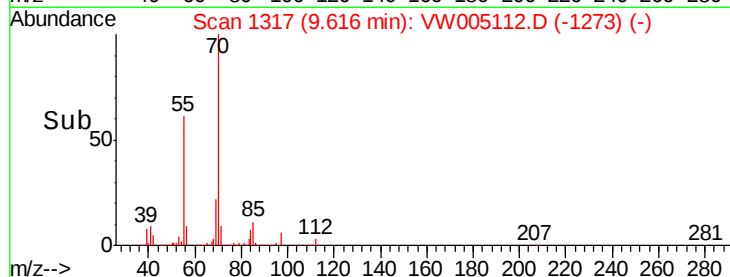
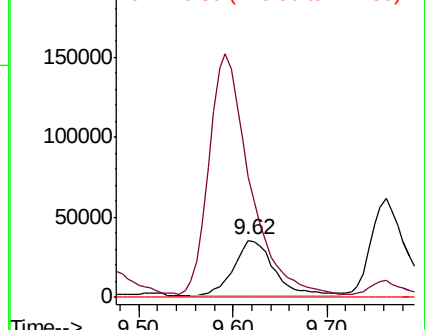
127 0.0 7.0 10.4#



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: 182.910 ug/l

RT: 9.40 min Scan# 1281

Delta R.T. -0.05 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

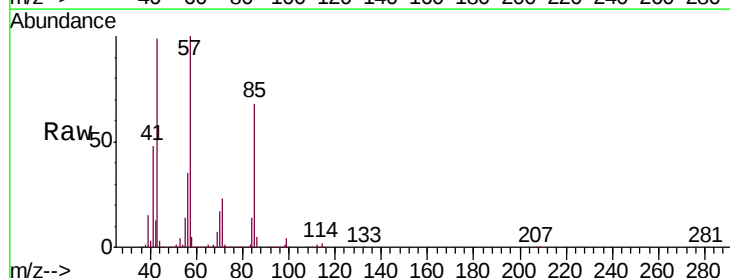
Tgt Ion: 41 Resp: 451921

Ion Ratio Lower Upper

41 100

69 17.8 80.4 120.6#

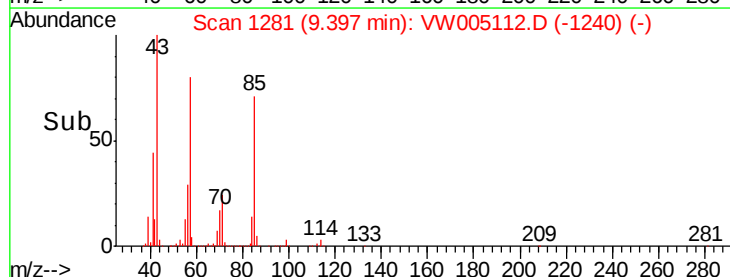
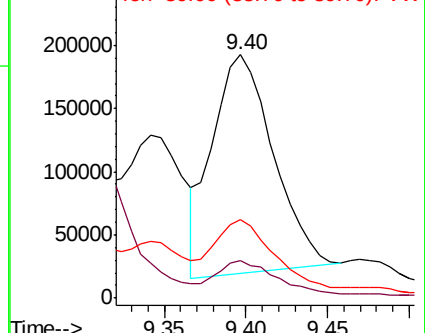
39 30.3 43.5 65.3#

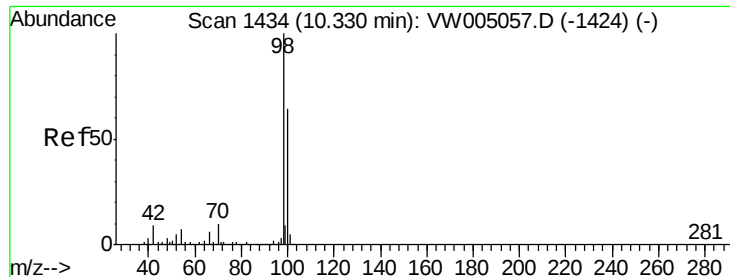


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

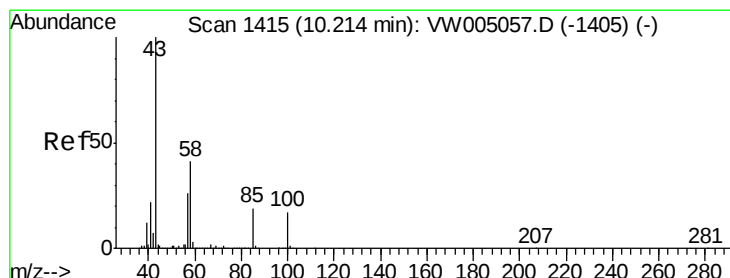
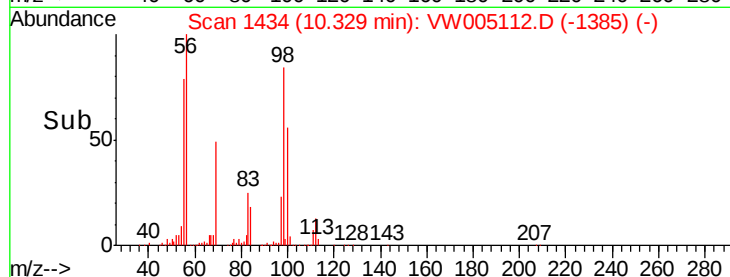
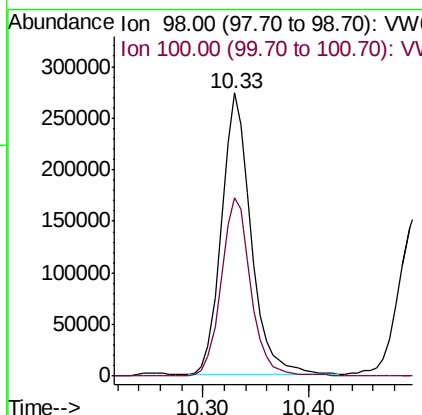
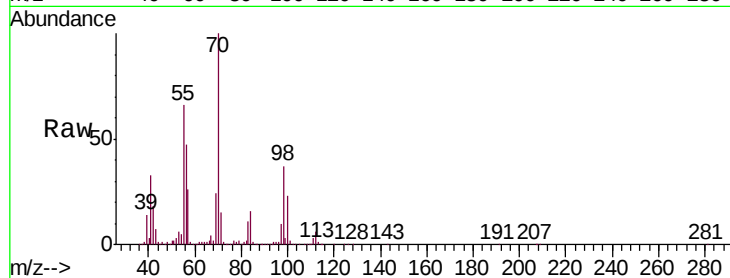




#50
Toluene-d8
Concen: 25.029 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

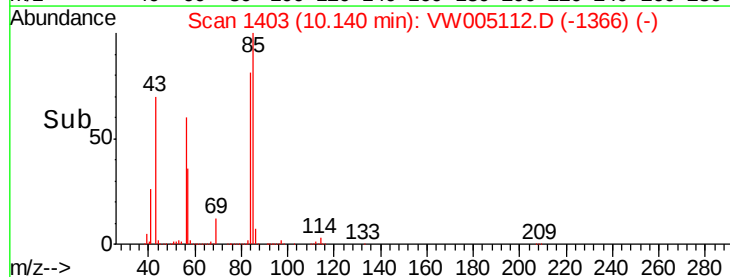
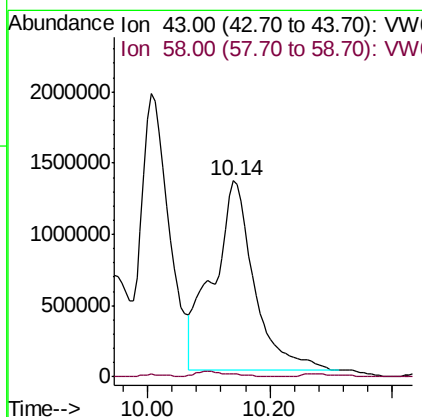
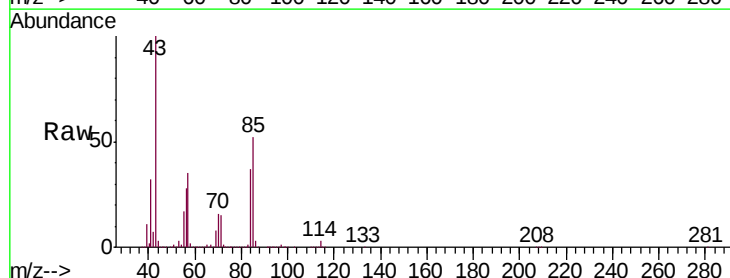
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)

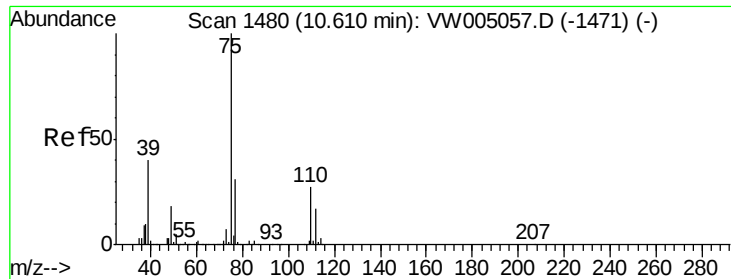
Tgt Ion: 98 Resp: 527633
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1786.196 ug/l
RT: 10.14 min Scan# 1403
Delta R.T. -0.07 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion: 43 Resp: 6142486
Ion Ratio Lower Upper
43 100
58 0.0 33.3 49.9#





#53

t-1,3-Dichloropropene

Concen: 2.495 ug/l

RT: 10.69 min Scan# 1493

Delta R.T. 0.08 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

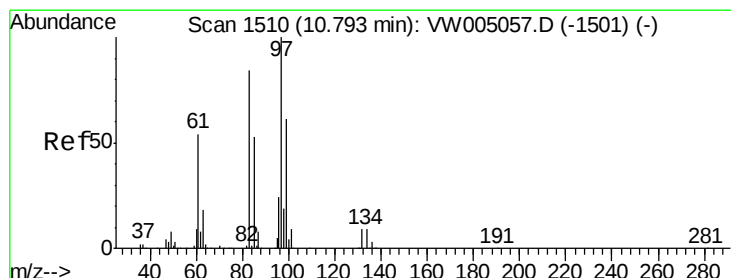
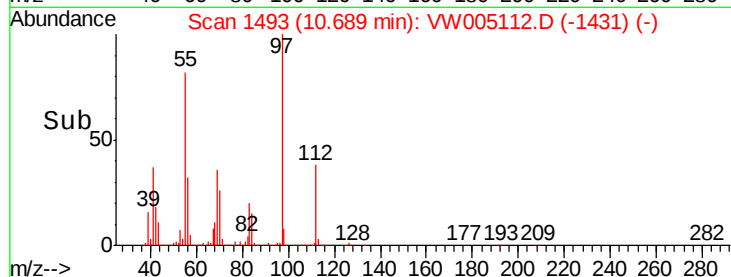
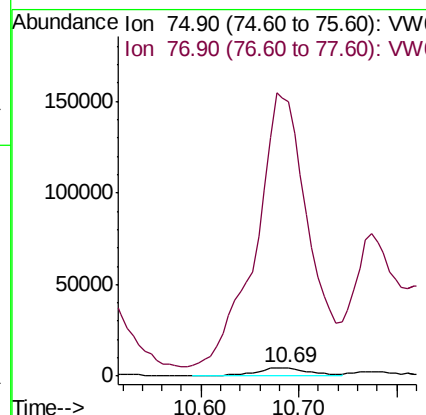
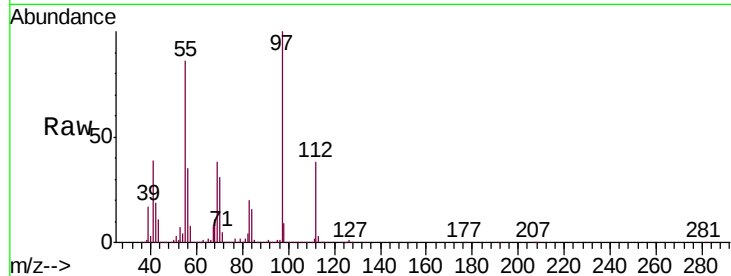
EP1-MW-F(7-10)

Tgt Ion: 75 Resp: 16646

Ion Ratio Lower Upper

75 100

77 3172.5 25.0 37.6#



#55

1,1,2-Trichloroethane

Concen: 3609.343 ug/l

RT: 10.77 min Scan# 1507

Delta R.T. -0.02 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Tgt Ion: 97 Resp: 15068233

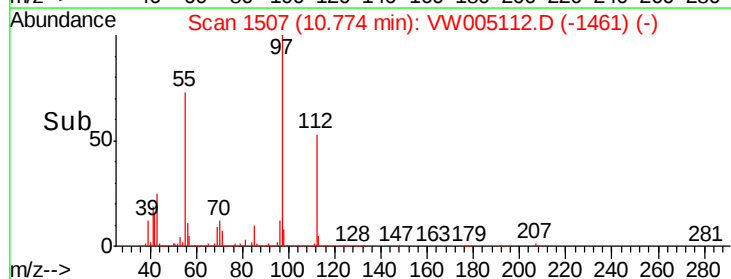
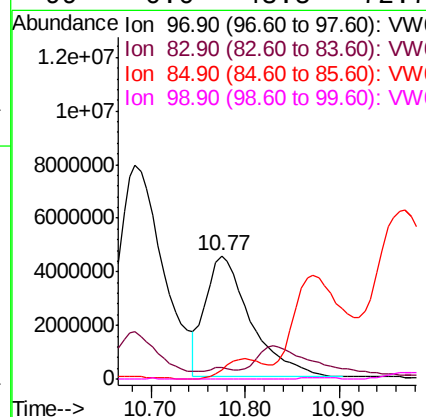
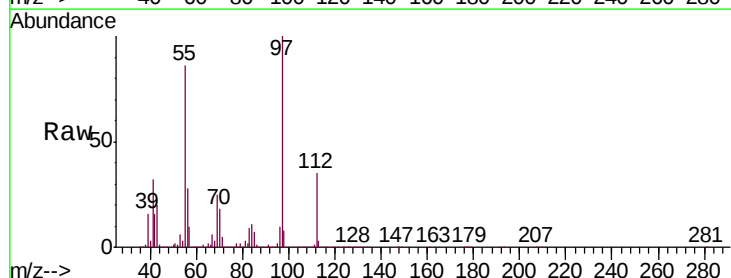
Ion Ratio Lower Upper

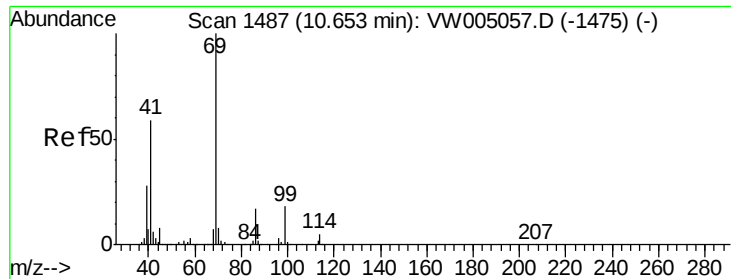
97 100

83 3.6 67.0 100.6#

85 6.9 42.3 63.5#

99 0.0 48.5 72.7#





#56

Ethyl methacrylate

Concen: 2746.659 ug/l

RT: 10.68 min Scan# 1492

Delta R.T. 0.03 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)

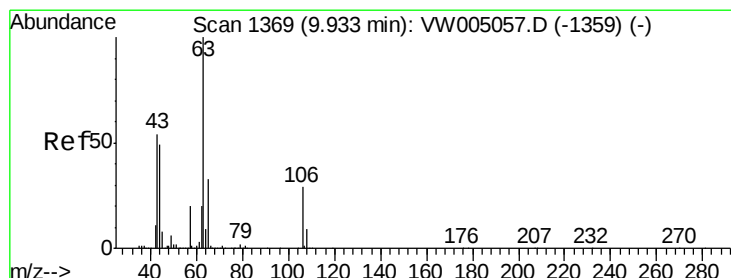
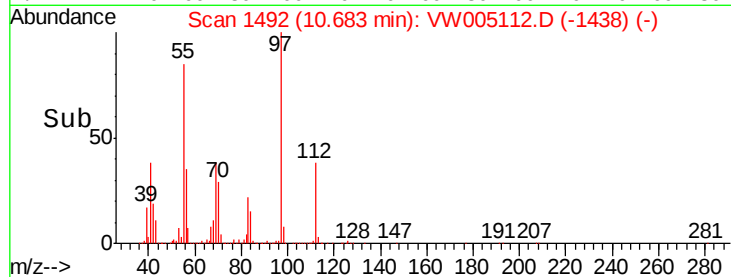
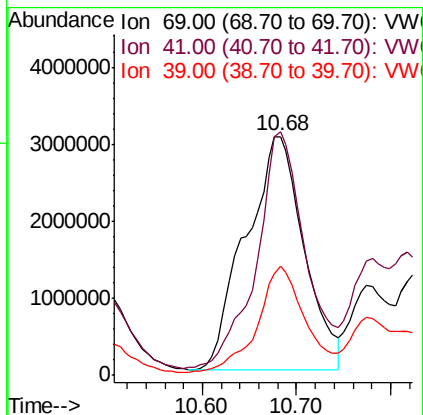
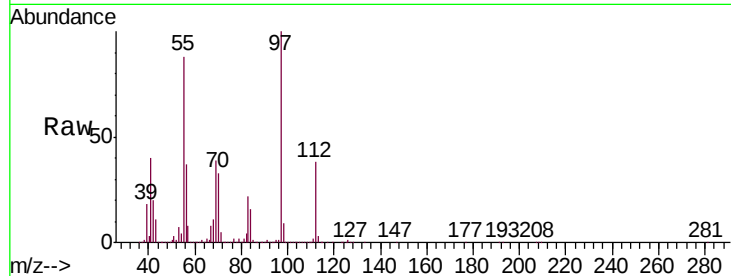
Tgt Ion: 69 Resp:13081979

Ion Ratio Lower Upper

69 100

41 84.7 47.8 71.6#

39 36.9 21.1 31.7#



#58

2-Chloroethyl Vinyl ether

Concen: 2.338 ug/l

RT: 9.91 min Scan# 1366

Delta R.T. -0.02 min

Lab File: VW005112.D

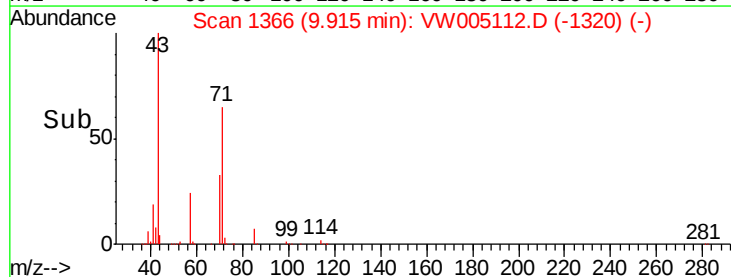
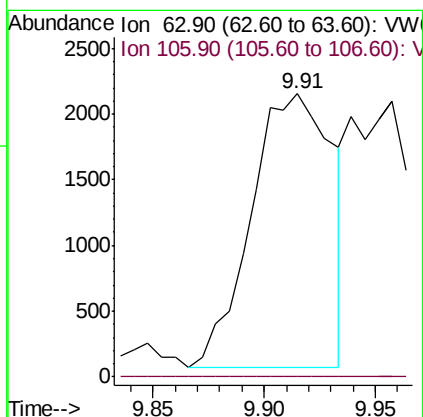
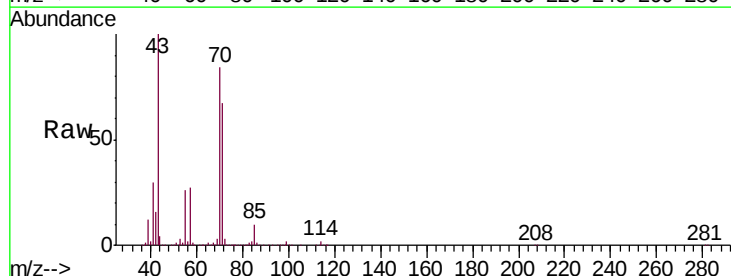
Acq: 05 Sep 2018 06:49

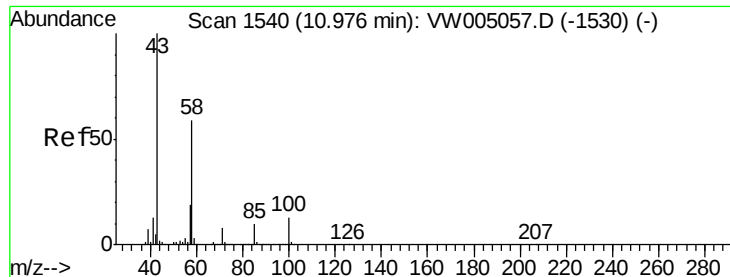
Tgt Ion: 63 Resp: 5277

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#

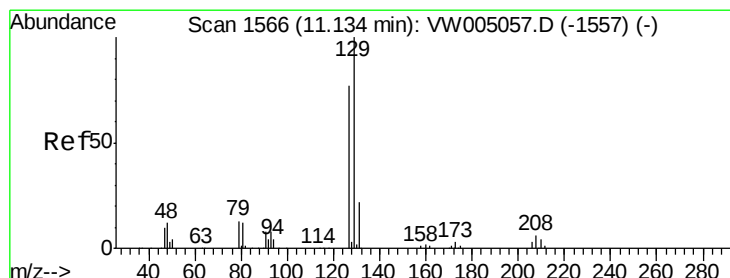
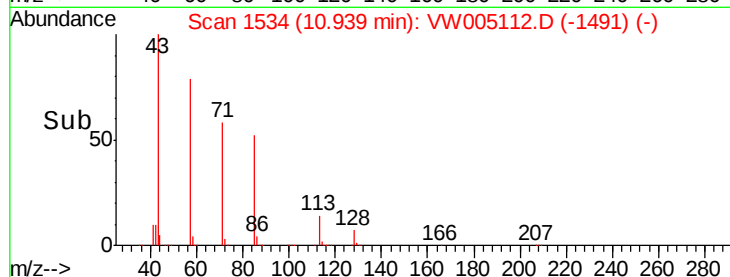
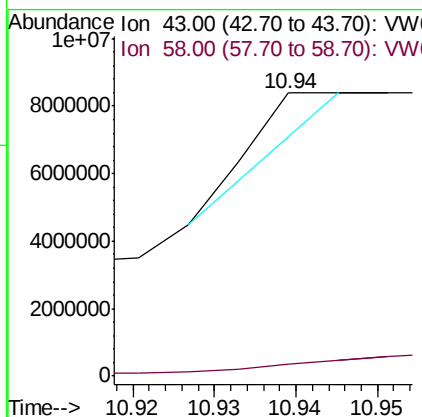
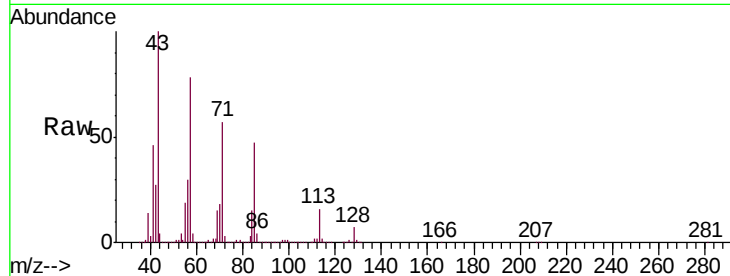




#59
2-Hexanone
Concen: 772.538 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

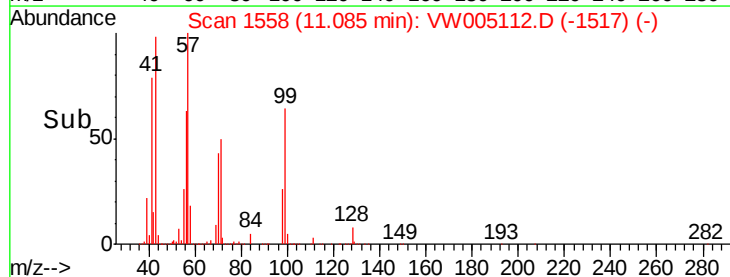
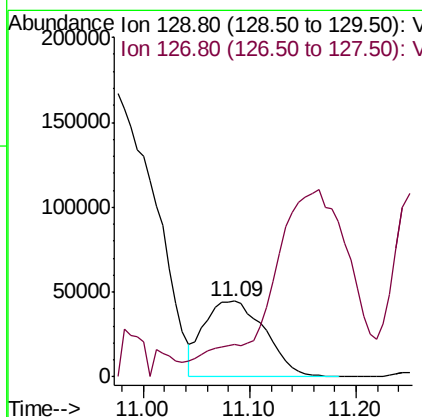
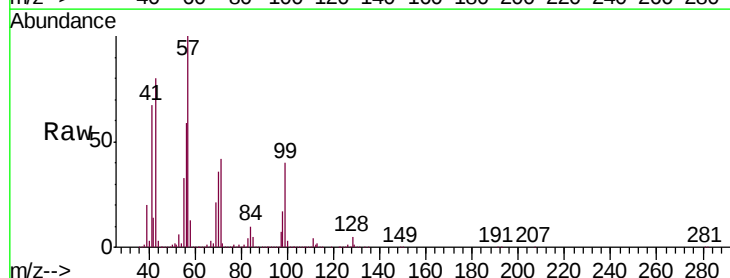
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)

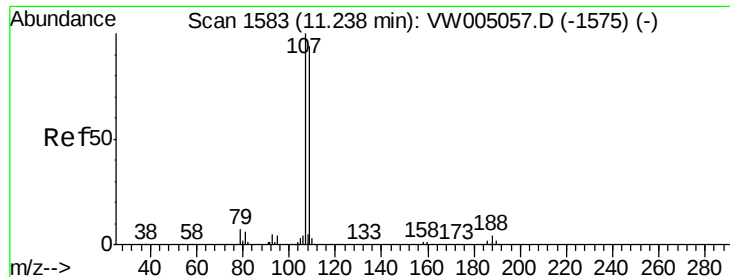
Tgt Ion: 43 Resp: 1796857
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.3#



#60
Dibromochloromethane
Concen: 37.653 ug/l
RT: 11.09 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion: 129 Resp: 177709
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#

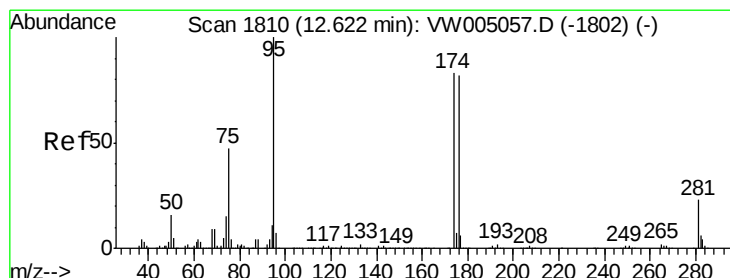
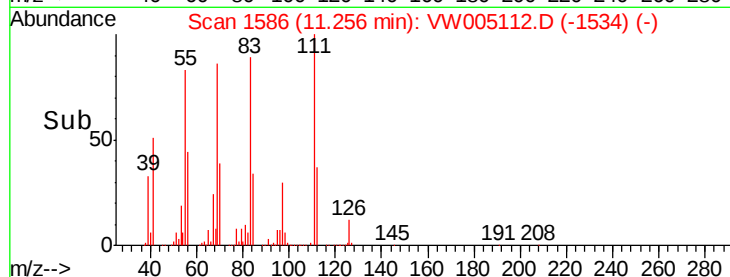
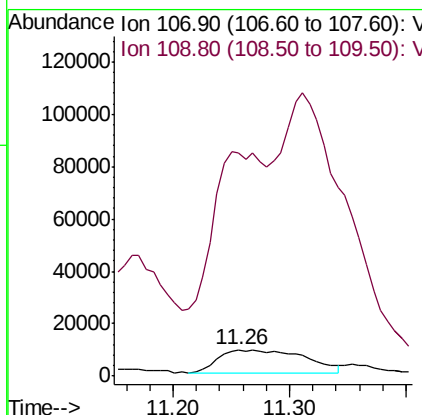
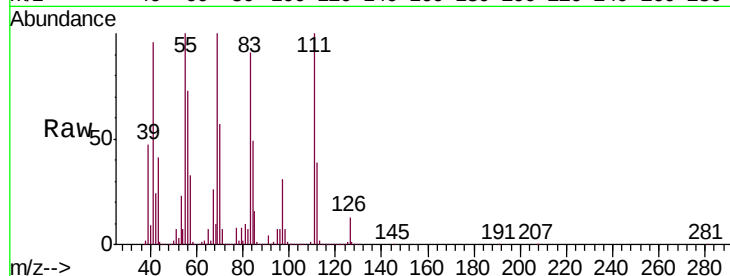




#61
 1,2-Dibromoethane
 Concen: 12.033 ug/l
 RT: 11.26 min Scan# 1586
 Delta R.T. 0.02 min
 Lab File: VW005112.D
 Acq: 05 Sep 2018 06:49

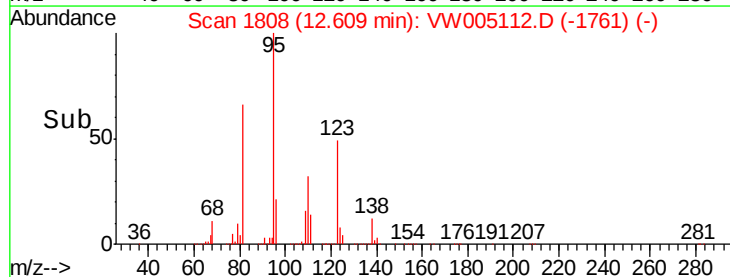
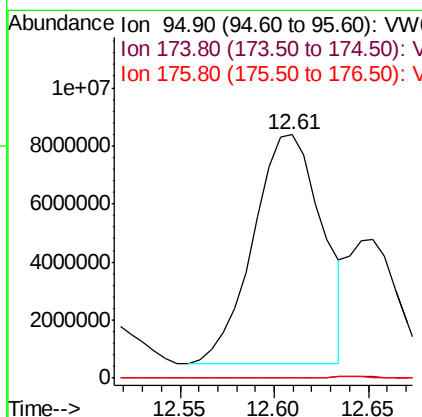
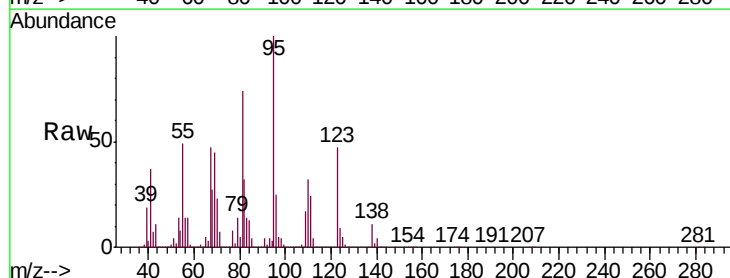
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)

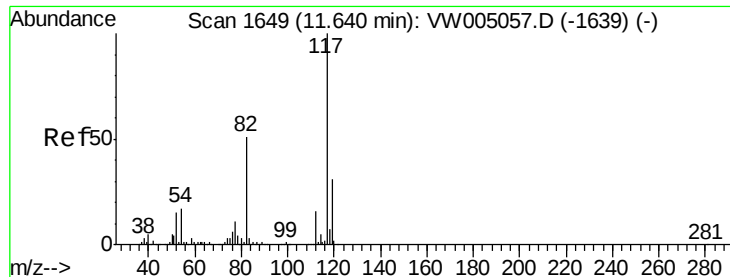
Tgt Ion: 107 Resp: 45354
 Ion Ratio Lower Upper
 107 100
 109 392.1 75.9 113.9#



#62
 4-Bromofluorobenzene
 Concen: 2710.693 ug/l
 RT: 12.61 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VW005112.D
 Acq: 05 Sep 2018 06:49

Tgt Ion: 95 Resp: 20149495
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 173.4
 176 0.0 0.0 167.4

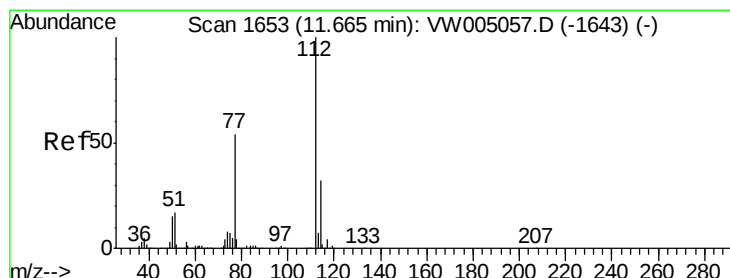
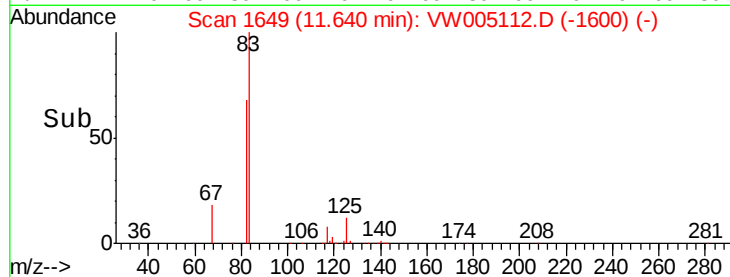
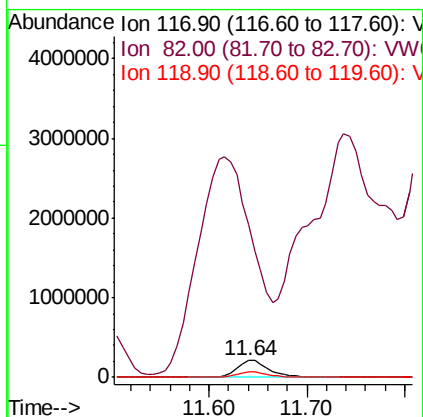
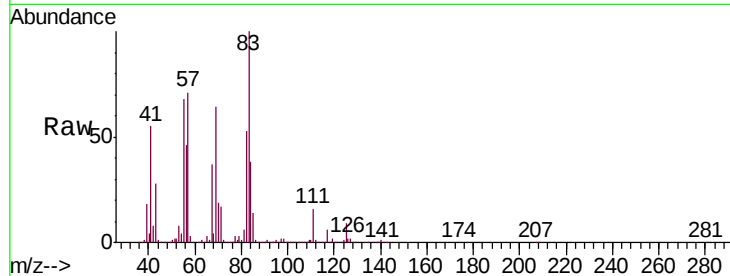




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

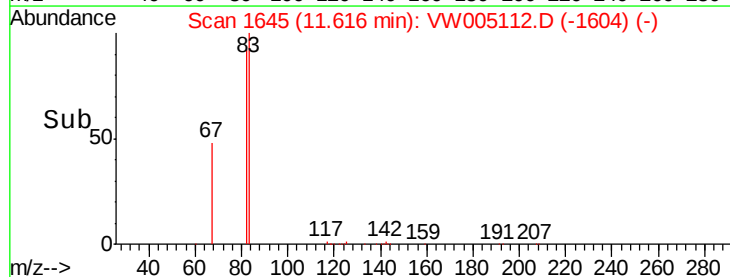
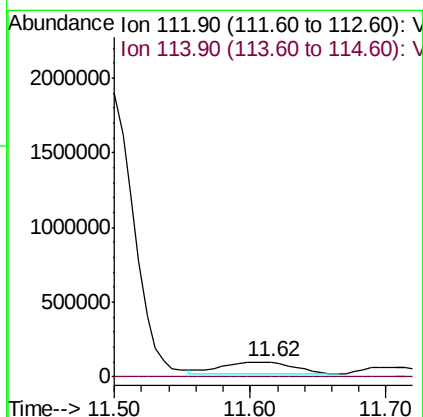
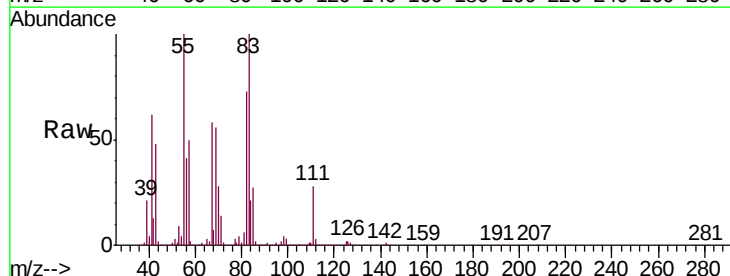
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)

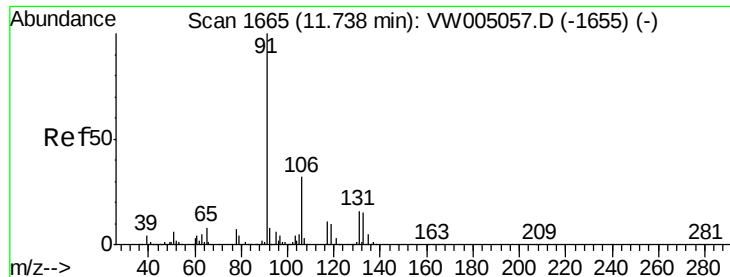
Tgt Ion:117 Resp: 464255
Ion Ratio Lower Upper
117 100
82 415.0 40.9 61.3#
119 33.3 24.9 37.3



#65
Chlorobenzene
Concen: 29.531 ug/l
RT: 11.62 min Scan# 1645
Delta R.T. -0.05 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion:112 Resp: 308646
Ion Ratio Lower Upper
112 100
114 0.0 26.0 39.0#





#67

Ethyl Benzene

Concen: 5.475 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.10 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampled :

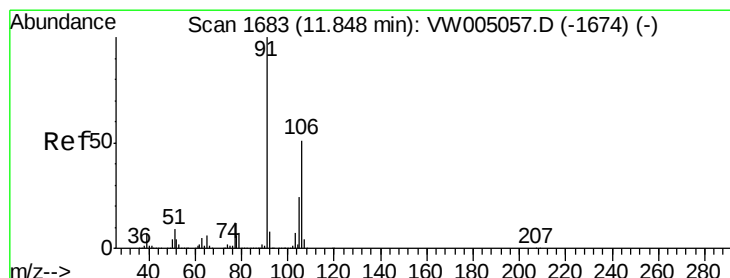
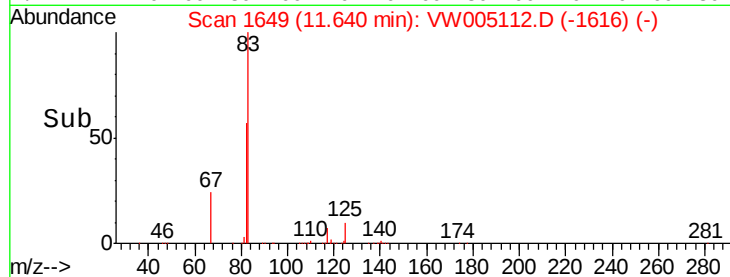
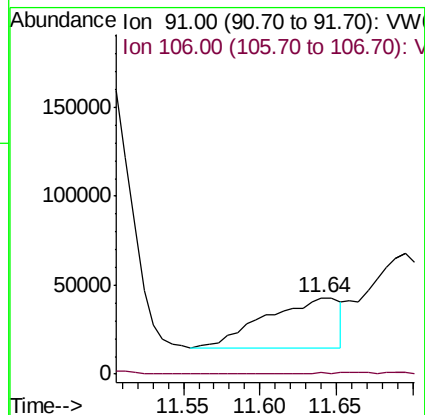
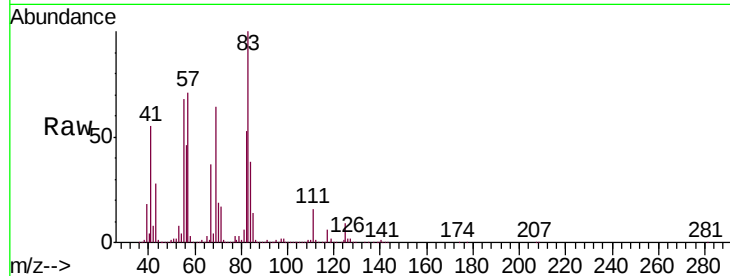
EP1-MW-F(7-10)

Tgt Ion: 91 Resp: 96734

Ion Ratio Lower Upper

91 100

106 2.1 25.3 37.9#



#68

m/p-Xylenes

Concen: 1.431 ug/l

RT: 11.88 min Scan# 1689

Delta R.T. 0.04 min

Lab File: VW005112.D

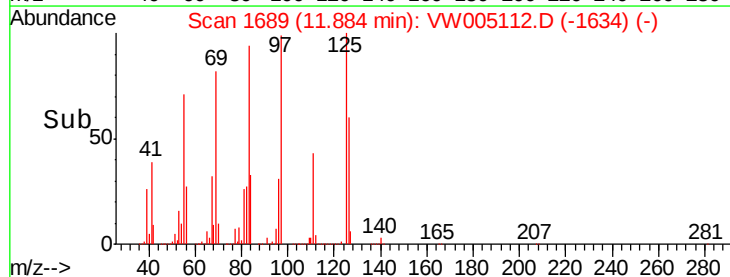
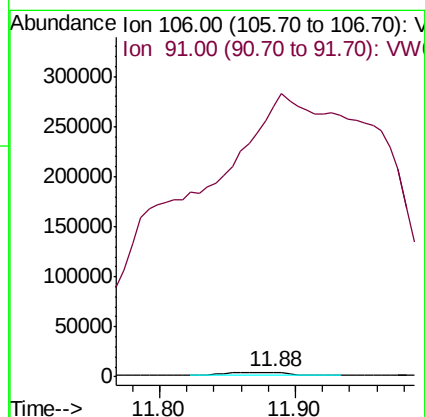
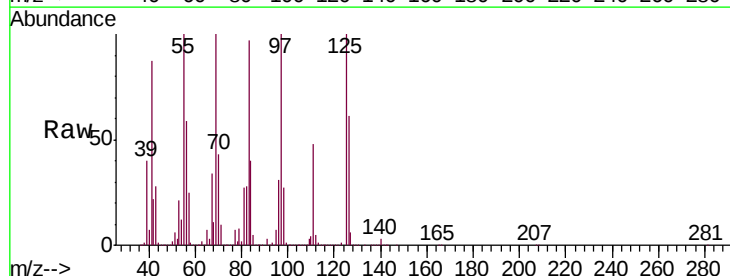
Acq: 05 Sep 2018 06:49

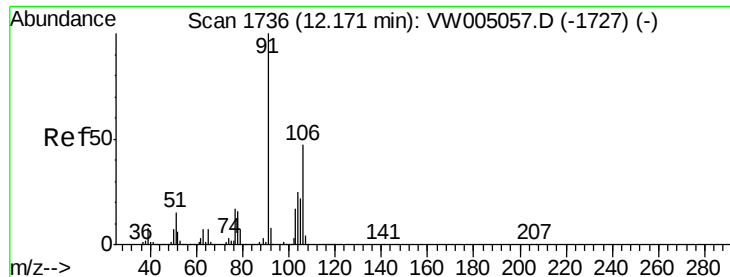
Tgt Ion:106 Resp: 10121

Ion Ratio Lower Upper

106 100

91 24438.5 158.4 237.6#

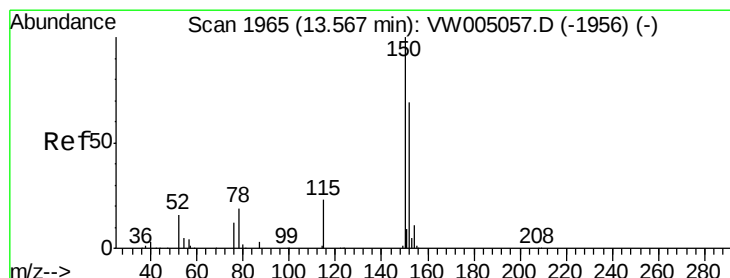
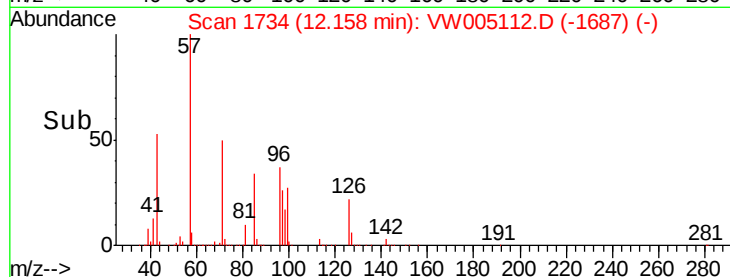
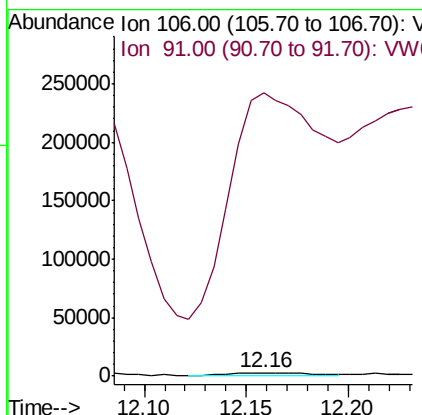
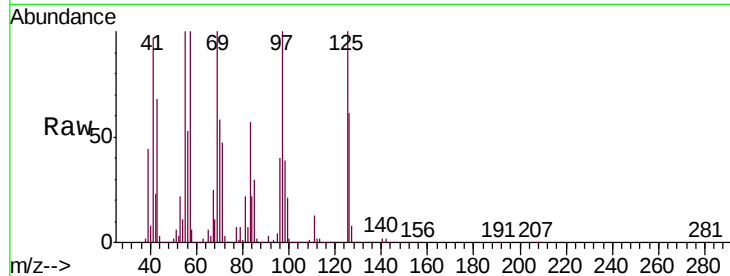




#69
o-Xylene
Concen: 1.002 ug/l
RT: 12.16 min Scan# 1734
Delta R.T. -0.01 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

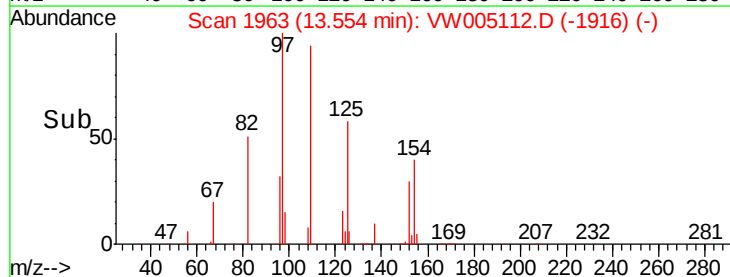
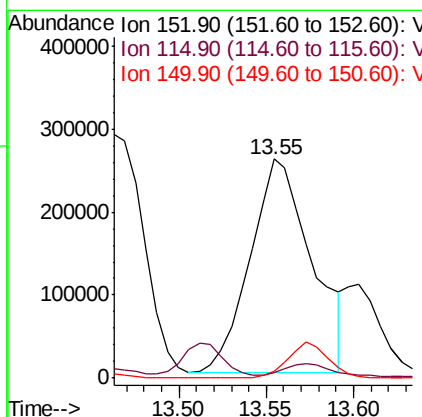
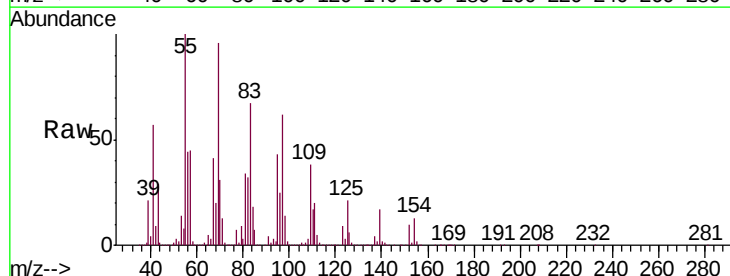
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)

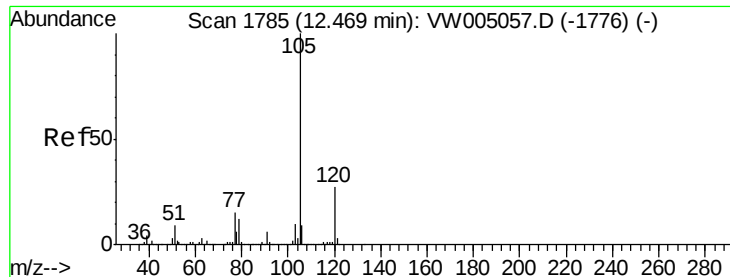
Tgt Ion:106 Resp: 6557
Ion Ratio Lower Upper
106 100
91 9463.2 105.6 316.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1963
Delta R.T. -0.01 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion:152 Resp: 630882
Ion Ratio Lower Upper
152 100
115 0.0 27.8 83.4#
150 11.2 0.0 351.4





#73

Isopropylbenzene

Concen: 3.924 ug/l

RT: 12.49 min Scan# 1789

Delta R.T. 0.02 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampled :

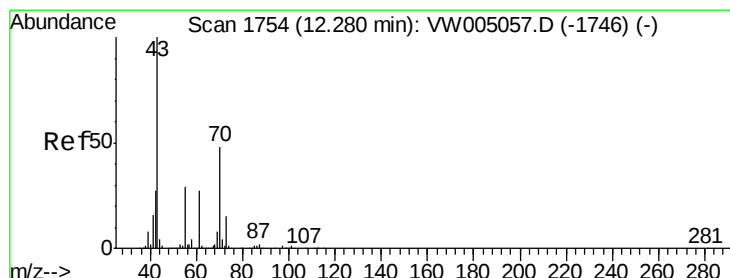
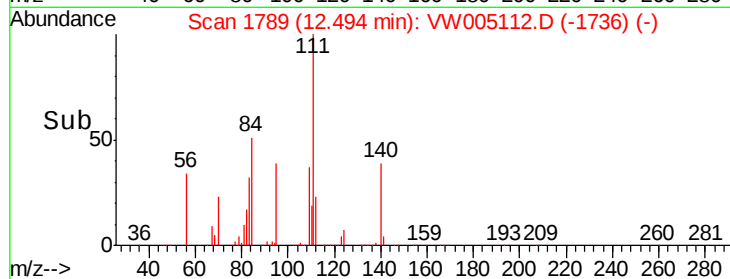
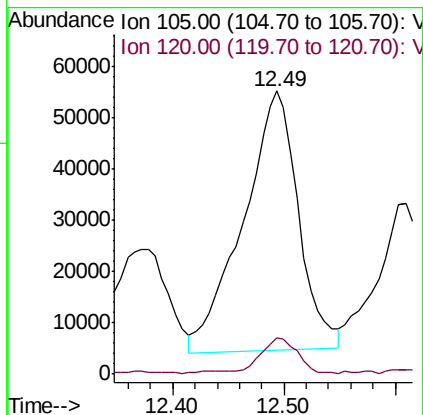
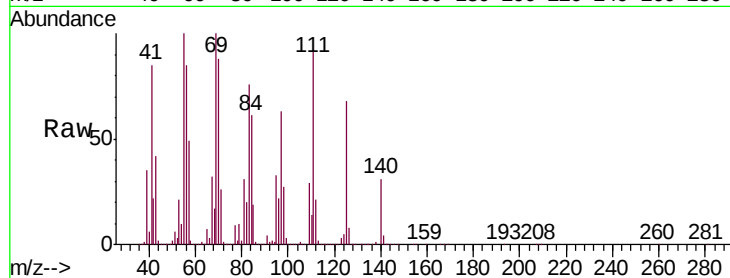
EP1-MW-F(7-10)

Tgt Ion:105 Resp: 174569

Ion Ratio Lower Upper

105 100

120 9.6 13.4 40.1#



#74

N-ethyl acetate

Concen: 449.366 ug/l

RT: 12.19 min Scan# 1740

Delta R.T. -0.09 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Tgt Ion: 43 Resp: 3441951

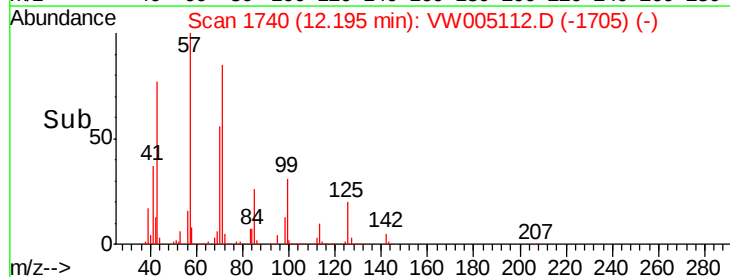
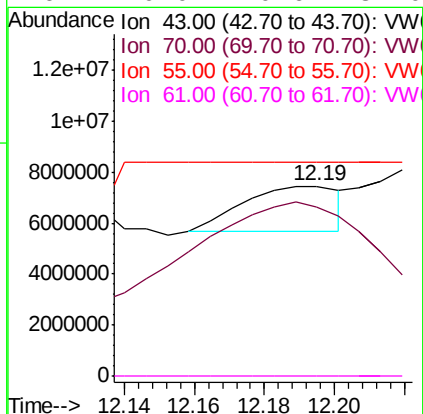
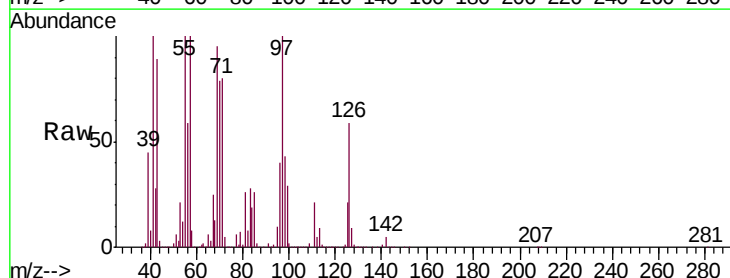
Ion Ratio Lower Upper

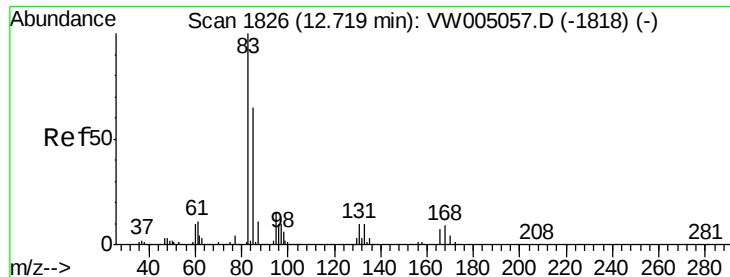
43 100

70 374.9 38.2 57.4#

55 0.0 23.2 34.8#

61 0.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 1024.574 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)

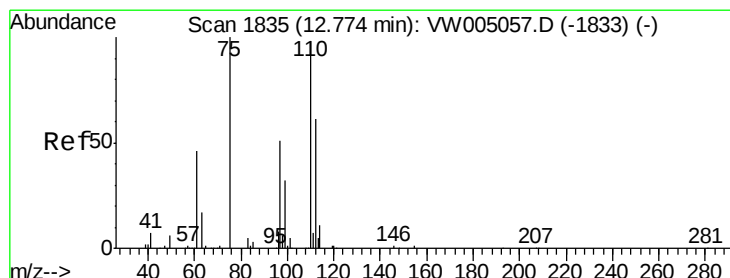
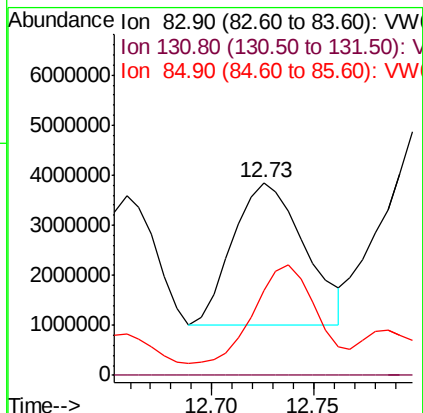
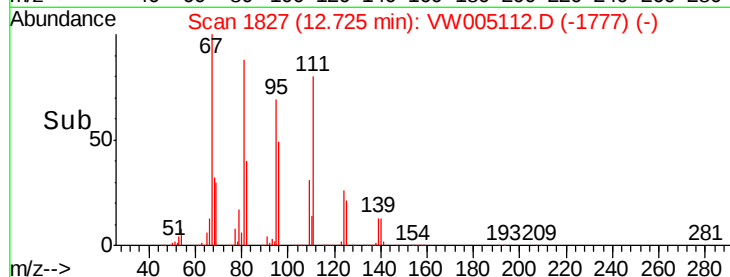
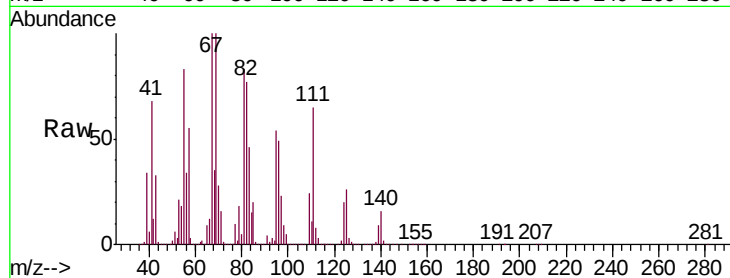
Tgt Ion: 83 Resp: 6938307

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 58.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 9.343 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. -0.04 min

Lab File: VW005112.D

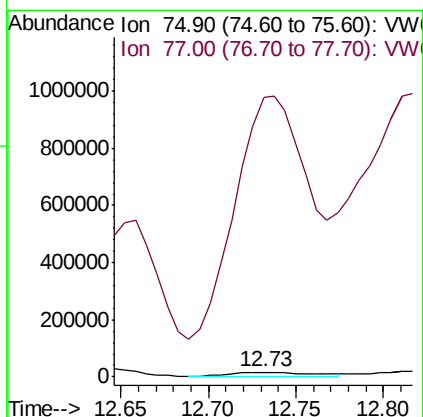
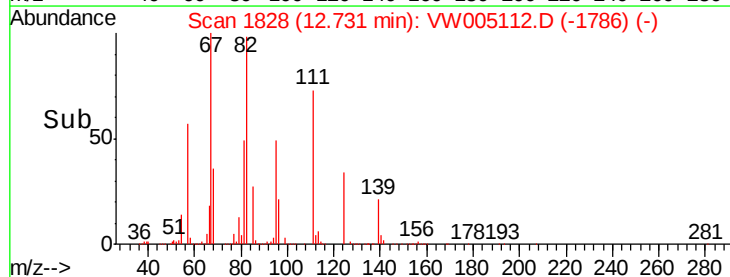
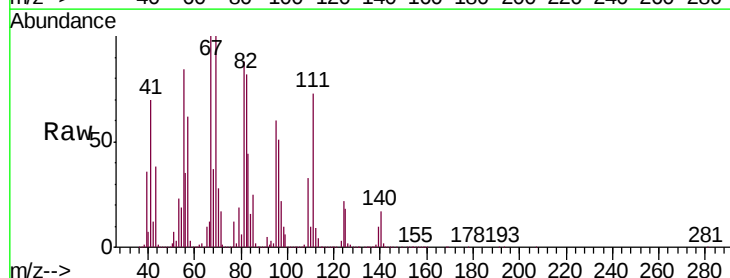
Acq: 05 Sep 2018 06:49

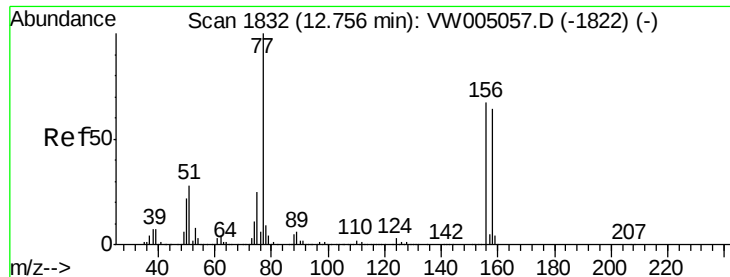
Tgt Ion: 75 Resp: 44246

Ion Ratio Lower Upper

75 100

77 5624.4 0.0 0.0#





#77

Bromobenzene

Concen: 7.211 ug/l

RT: 12.74 min Scan# 1829

Delta R.T. -0.02 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)

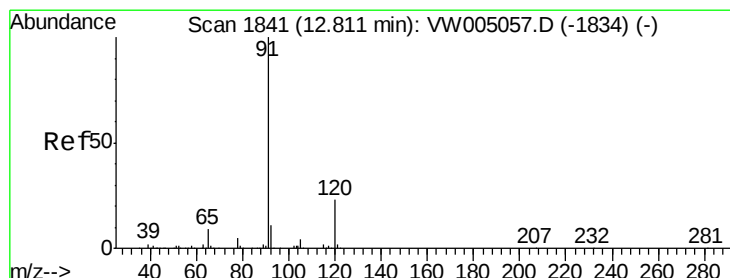
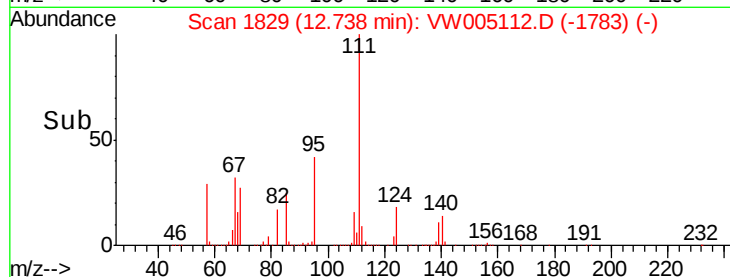
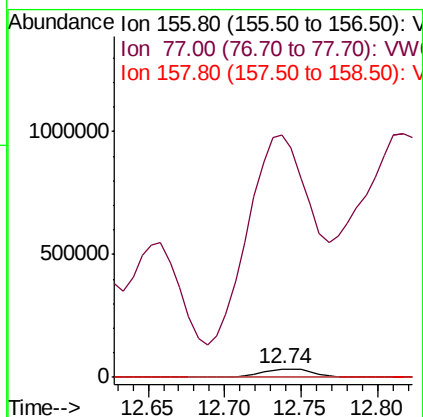
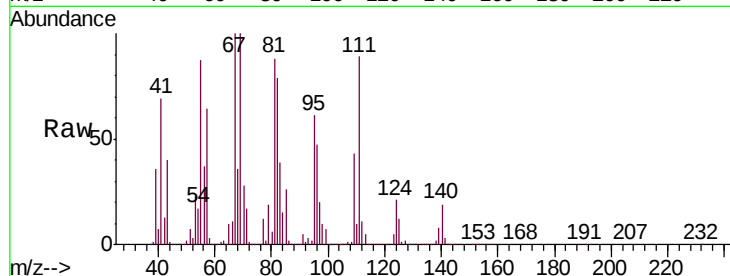
Tgt Ion: 156 Resp: 79040

Ion Ratio Lower Upper

156 100

77 3148.5 85.8 257.4#

158 1.0 48.1 144.4#



#78

n-propylbenzene

Concen: 34.431 ug/l

RT: 12.84 min Scan# 1845

Delta R.T. 0.02 min

Lab File: VW005112.D

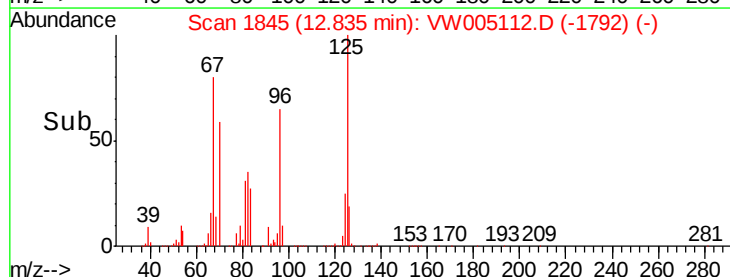
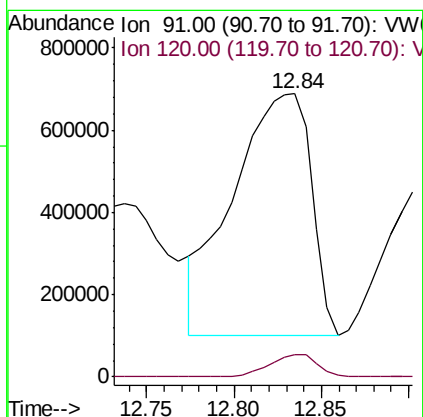
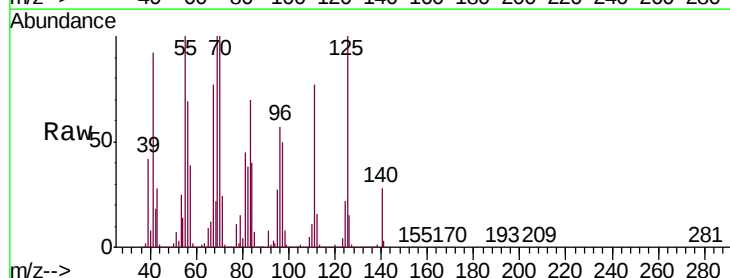
Acq: 05 Sep 2018 06:49

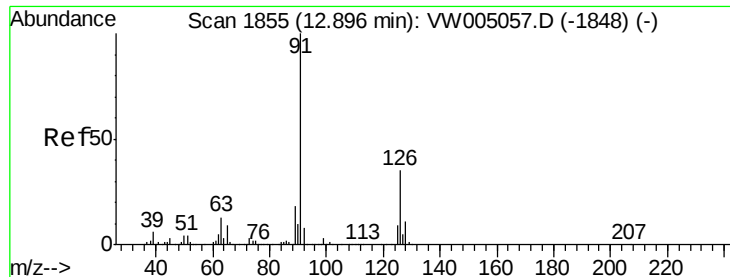
Tgt Ion: 91 Resp: 1848954

Ion Ratio Lower Upper

91 100

120 5.7 11.8 35.3#





#79

2-Chlorotoluene

Concen: 34.572 ug/l

RT: 12.74 min Scan# 1829

Delta R.T. -0.16 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampled :

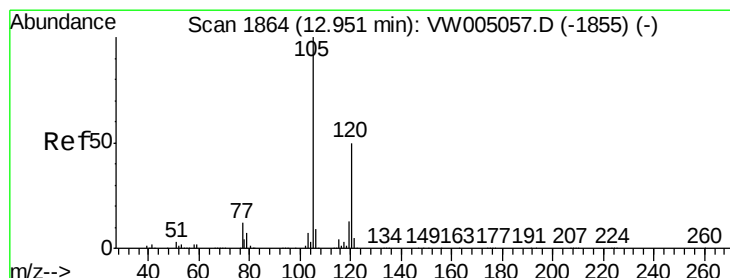
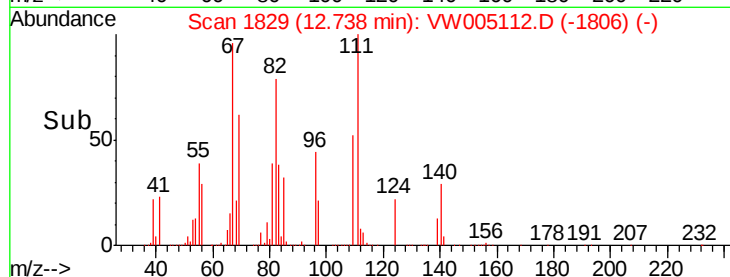
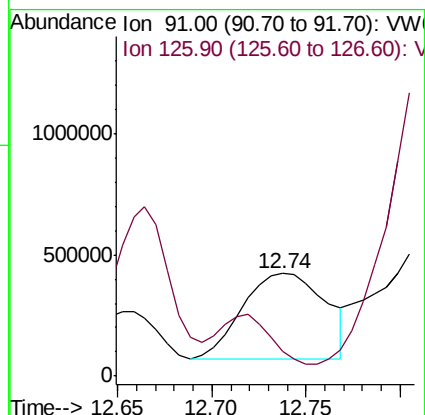
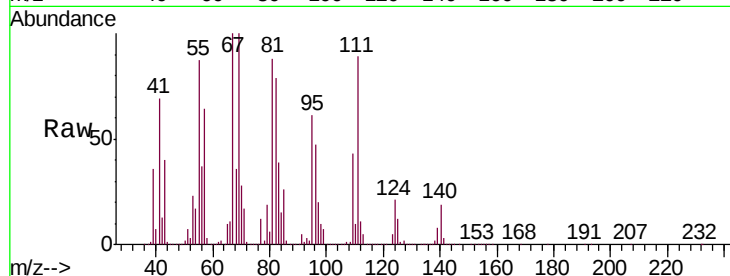
EP1-MW-F(7-10)

Tgt Ion: 91 Resp: 1083133

Ion Ratio Lower Upper

91 100

126 34.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 3.804 ug/l

RT: 12.82 min Scan# 1843

Delta R.T. -0.13 min

Lab File: VW005112.D

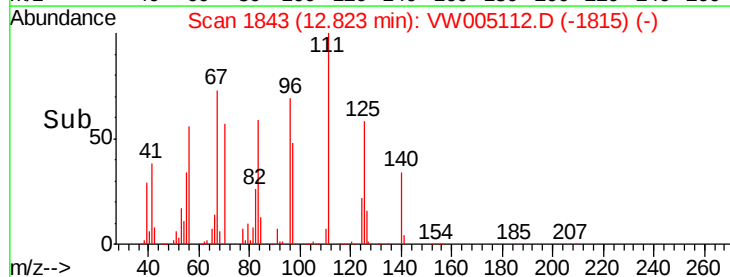
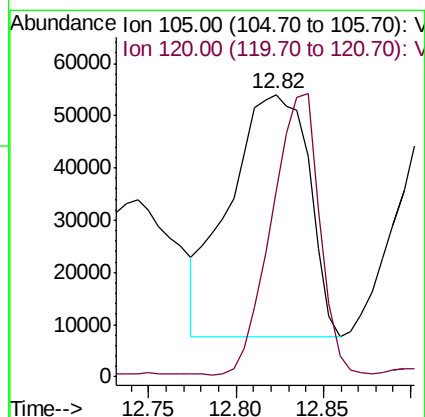
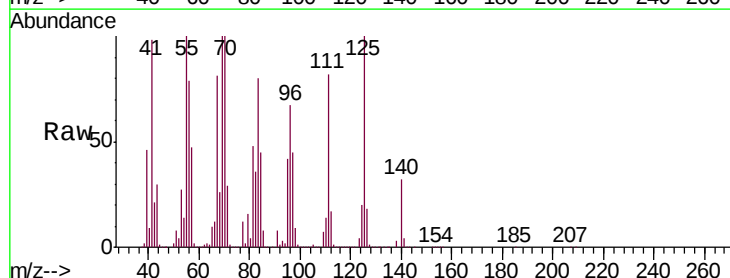
Acq: 05 Sep 2018 06:49

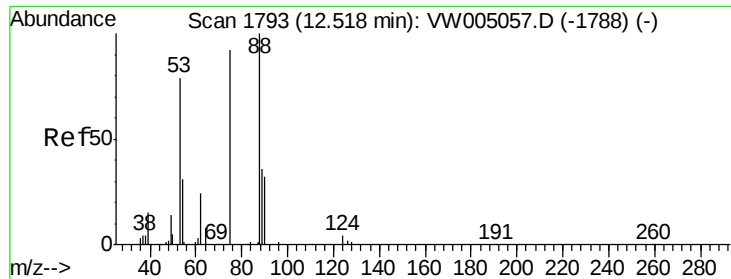
Tgt Ion: 105 Resp: 146328

Ion Ratio Lower Upper

105 100

120 71.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.942 ug/l

RT: 12.45 min Scan# 1782

Delta R.T. -0.07 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)

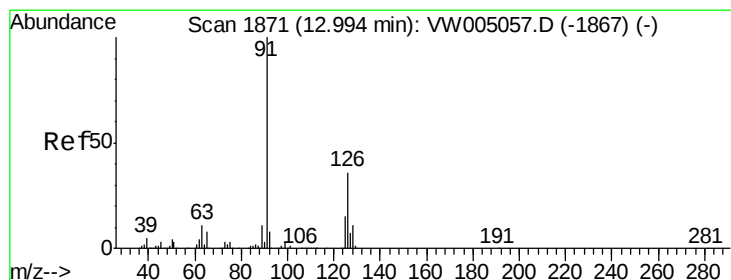
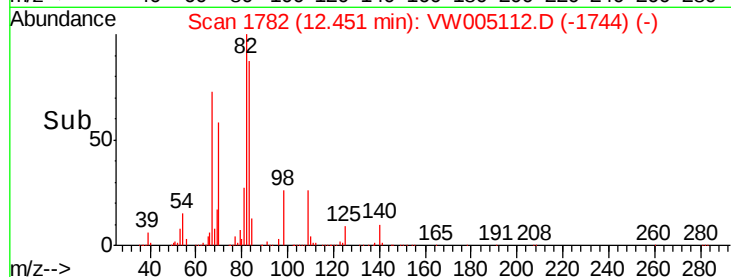
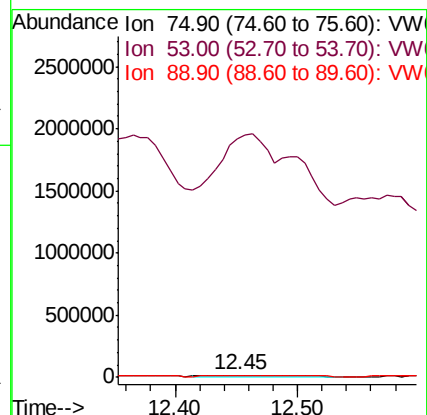
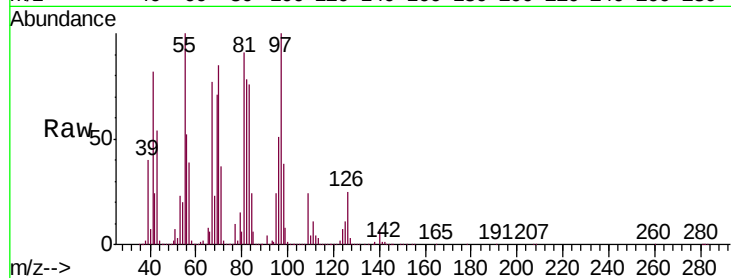
Tgt Ion: 75 Resp: 41203

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 135.0 36.0 54.0#



#82

4-Chlorotoluene

Concen: 19.615 ug/l

RT: 12.74 min Scan# 1829

Delta R.T. -0.26 min

Lab File: VW005112.D

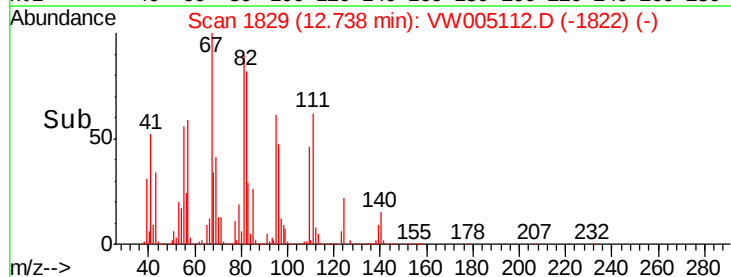
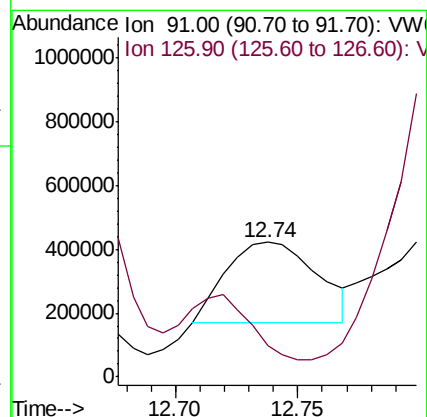
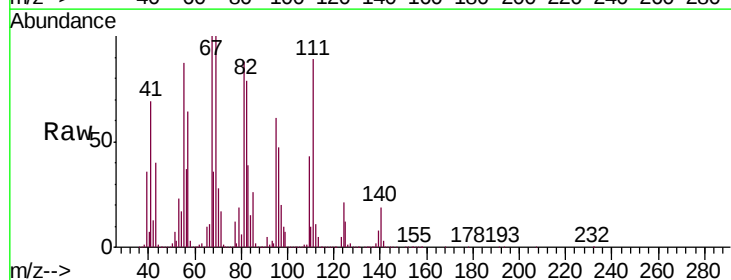
Acq: 05 Sep 2018 06:49

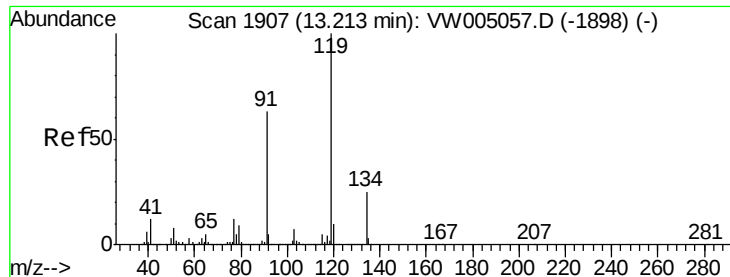
Tgt Ion: 91 Resp: 648935

Ion Ratio Lower Upper

91 100

126 41.3 17.4 52.3

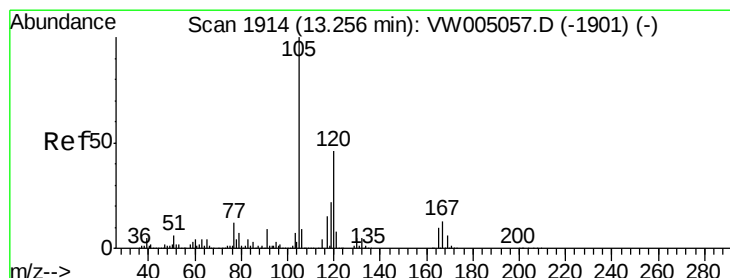
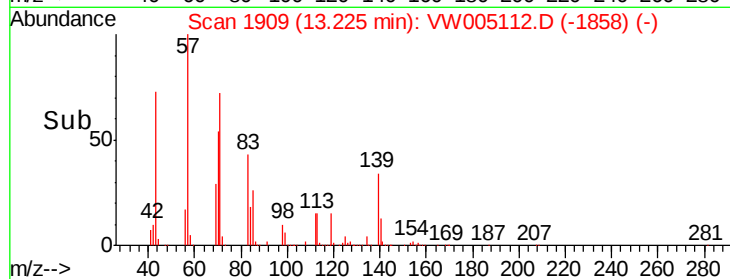
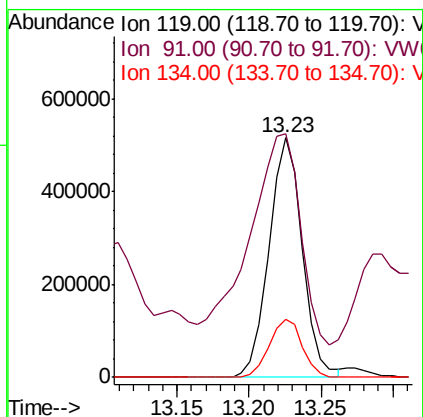
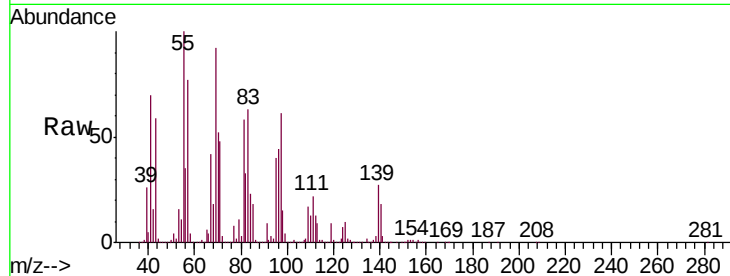




#83
tert-Butylbenzene
Concen: 25.793 ug/l
RT: 13.23 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

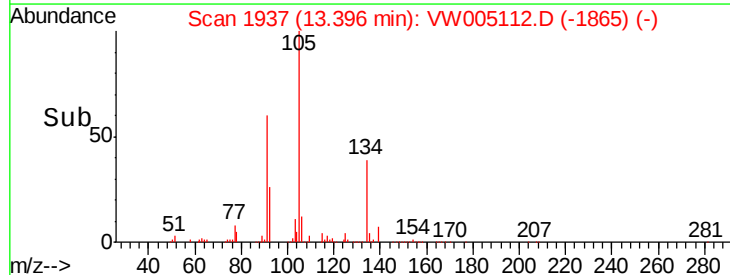
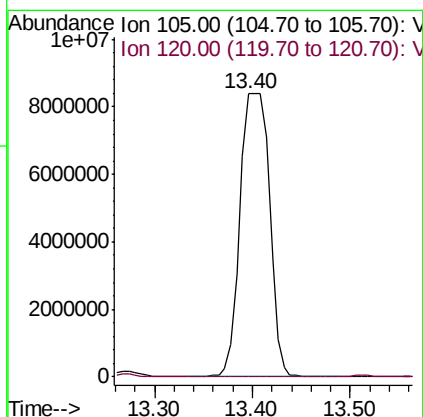
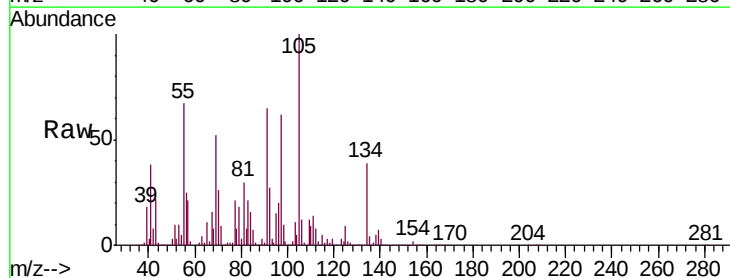
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(7-10)

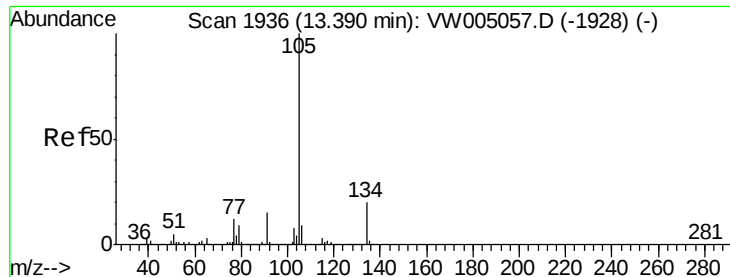
Tgt Ion:119 Resp: 828613
Ion Ratio Lower Upper
119 100
91 134.8 31.8 95.4#
134 0.0 13.0 39.0#



#84
1,2,4-Trimethylbenzene
Concen: 448.284 ug/l
RT: 13.40 min Scan# 1937
Delta R.T. 0.14 min
Lab File: VW005112.D
Acq: 05 Sep 2018 06:49

Tgt Ion:105 Resp:17562754
Ion Ratio Lower Upper
105 100
120 0.3 23.1 69.3#

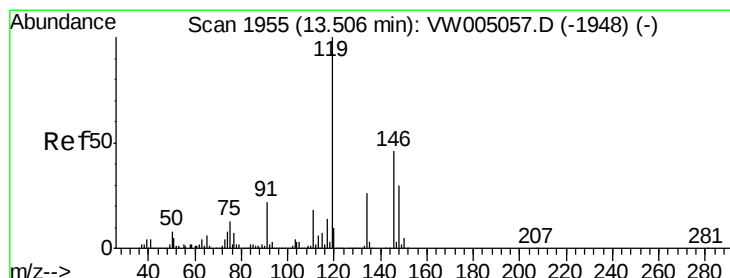
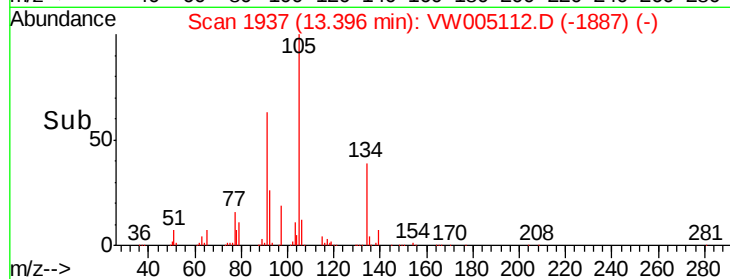
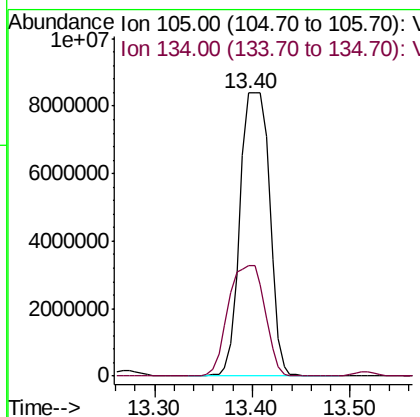
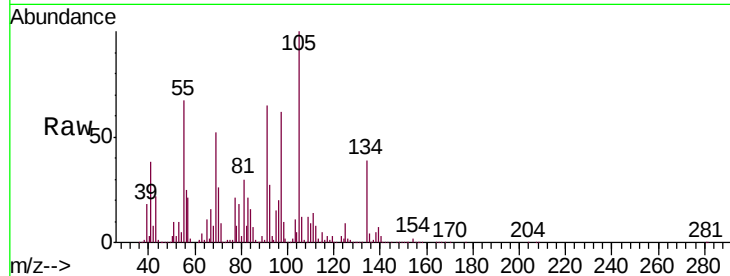




#85
 sec-Butylbenzene
 Concen: 371.999 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VW005112.D
 Acq: 05 Sep 2018 06:49

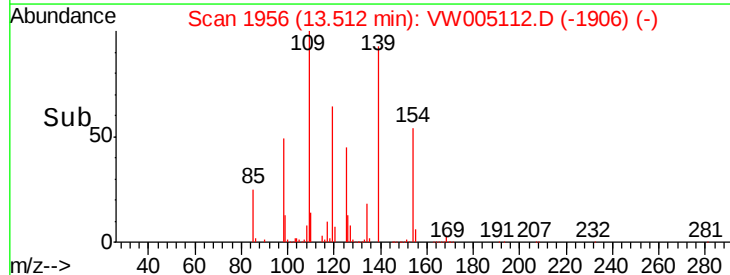
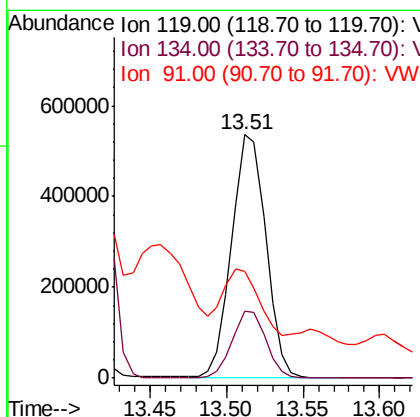
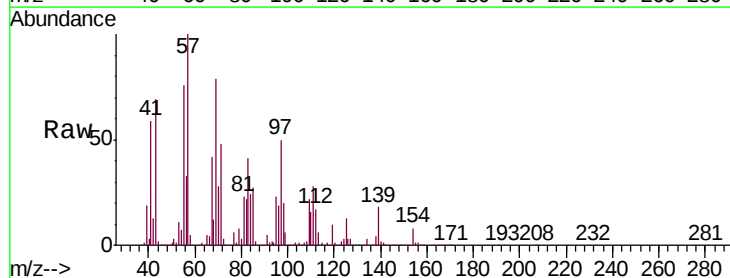
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(7-10)

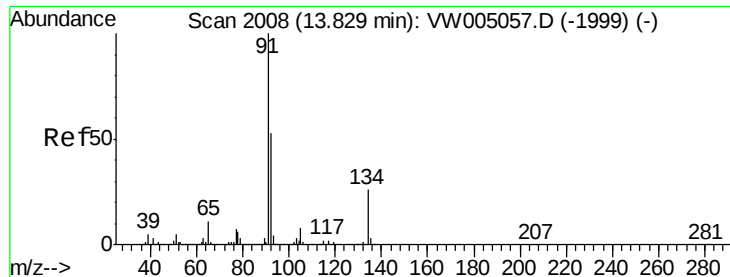
Tgt Ion:105 Resp:17562754
 Ion Ratio Lower Upper
 105 100
 134 48.5 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 19.908 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.01 min
 Lab File: VW005112.D
 Acq: 05 Sep 2018 06:49

Tgt Ion:119 Resp: 832005
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.3 39.8#
 91 0.0 10.9 32.9#





#89

n-Butylbenzene

Concen: 46.533 ug/l

RT: 13.81 min Scan# 2005

Delta R.T. -0.02 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)

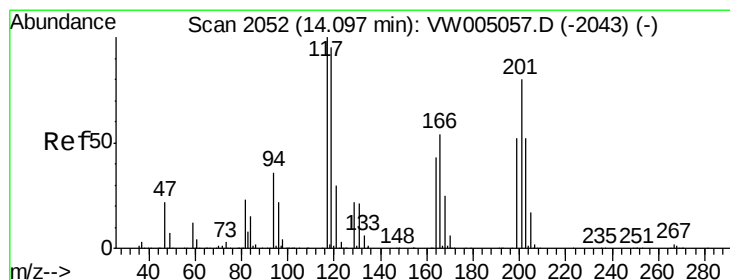
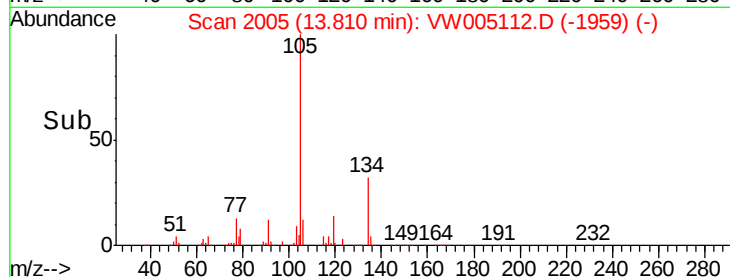
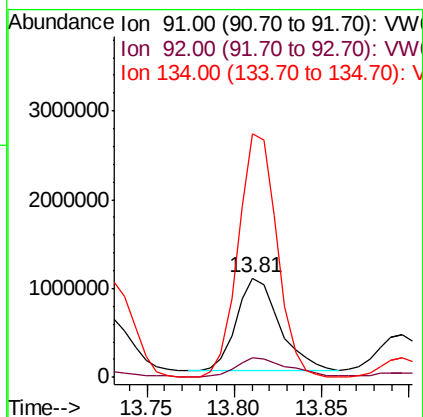
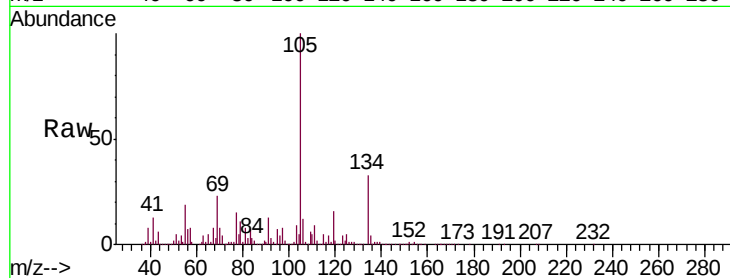
Tgt Ion: 91 Resp: 1802288

Ion Ratio Lower Upper

91 100

92 23.7 26.5 79.5#

134 234.0 13.5 40.4#



#90

Hexachloroethane

Concen: 95.515 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW005112.D

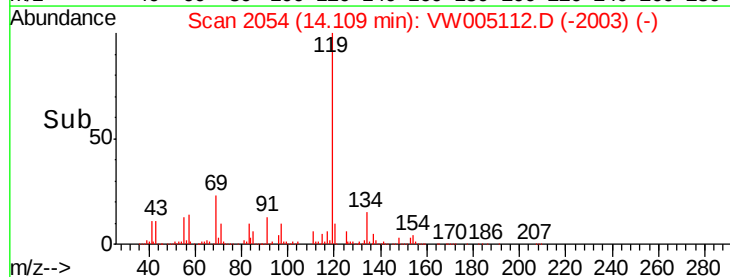
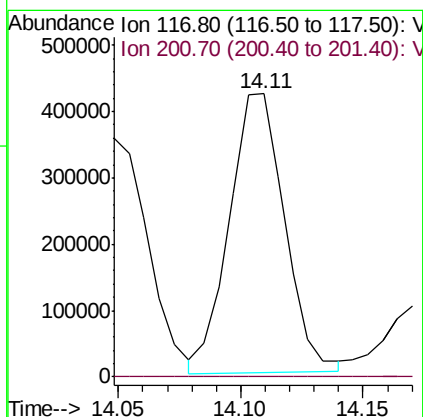
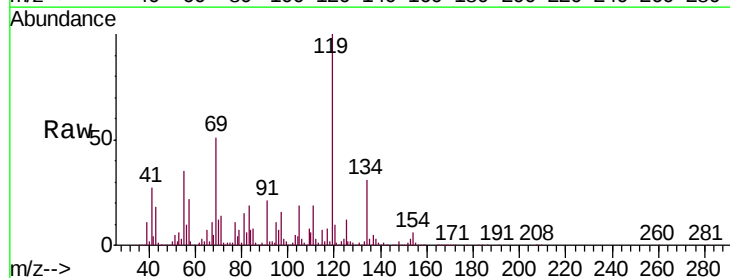
Acq: 05 Sep 2018 06:49

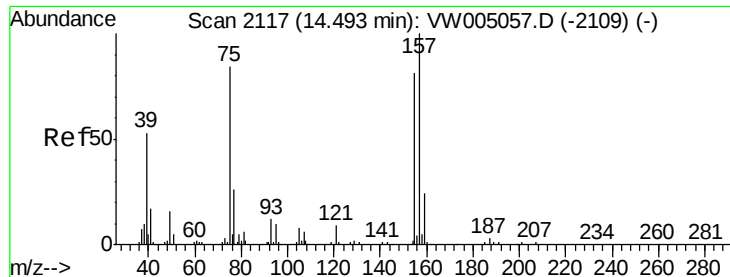
Tgt Ion: 117 Resp: 663059

Ion Ratio Lower Upper

117 100

201 0.0 44.6 133.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 25.065 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(7-10)

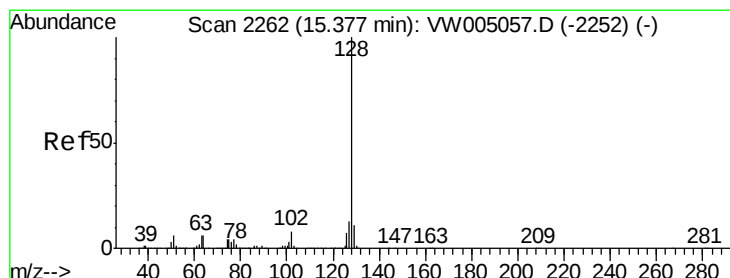
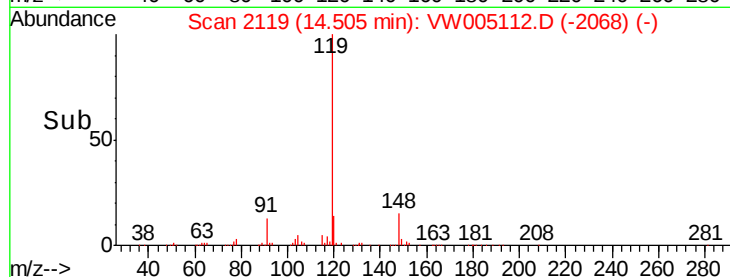
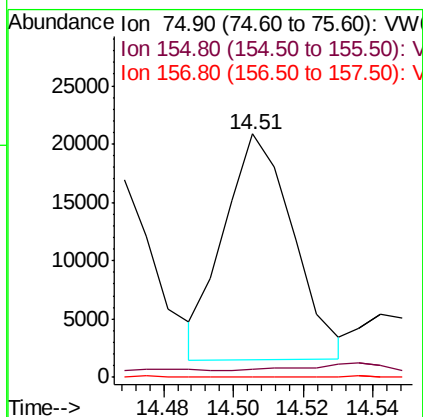
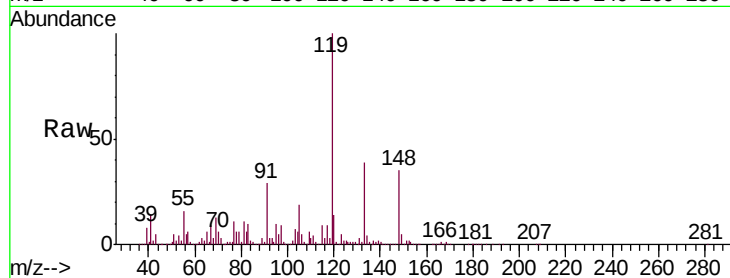
Tgt Ion: 75 Resp: 26525

Ion Ratio Lower Upper

75 100

155 0.0 46.0 137.8#

157 0.4 58.6 175.7#



#95

Naphthalene

Concen: 4.373 ug/l

RT: 15.33 min Scan# 2255

Delta R.T. -0.04 min

Lab File: VW005112.D

Acq: 05 Sep 2018 06:49

Tgt Ion: 128 Resp: 9725

Ion Ratio Lower Upper

128 100

127 31.8 10.4 15.6#

129 80.6 8.7 13.1#

