

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005113.D
 Acq On : 05 Sep 2018 07:15
 Operator : SY/AP
 Sample : J4693-05
 Misc : 2.66G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

Quant Time: Sep 05 07:47:12 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	1235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	2292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	3426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.54	152	8731	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	1325	129.42	ug/l	0.00
Spiked Amount			Recovery	=	258.84%	
35) Dibromofluoromethane	7.90	113	877	66.21	ug/l	0.00
Spiked Amount			Recovery	=	132.42%	
50) Toluene-d8	10.33	98	1919	31.44	ug/l	0.00
Spiked Amount			Recovery	=	62.88%	
62) 4-Bromofluorobenzene	12.62	95	14588	677.88	ug/l	0.00
Spiked Amount			Recovery	=	1355.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	381	26.38	ug/l	90
5) Bromomethane	2.77	94	19	Below Cal	#	81
6) Chloroethane	2.92	64	261	29.86	ug/l	100
10) Methyl Iodide	4.29	142	176	13.84	ug/l	# 44
11) Tert butyl alcohol	5.14	59	28	9.51	ug/l	# 72
12) 1,1-Dichloroethene	4.00	96	26	2.60	ug/l	# 1
13) Acrolein	3.90	56	20	30.10	ug/l	# 13
14) Allyl chloride	4.69	41	45	2.88	ug/l	# 1
16) Acetone	4.15	43	695	338.51	ug/l	# 39
17) Carbon Disulfide	4.39	76	407	11.70	ug/l	# 75
18) Methyl Acetate	4.70	43	30	4.97	ug/l	# 49
19) Methyl tert-butyl Ether	5.47	73	25	1.03	ug/l	# 53
20) Methylene Chloride	4.93	84	3066	235.50	ug/l	# 73
21) trans-1,2-Dichloroethene	5.43	96	67	5.51	ug/l	# 1
23) Vinyl Acetate	6.26	43	21	1.22	ug/l	# 71
24) 1,1-Dichloroethane	6.37	63	21	1.02	ug/l	# 82
25) 2-Butanone	7.14	43	77	21.62	ug/l	# 46
27) cis-1,2-Dichloroethene	7.12	96	50	3.76	ug/l	# 1
29) Tetrahydrofuran	7.57	42	22	12.09	ug/l	# 31
37) Ethyl Acetate	7.28	43	41	5.02	ug/l	# 66
38) Carbon Tetrachloride	7.98	117	62	2.99	ug/l	# 12
40) Benzene	8.36	78	79	1.18	ug/l	# 51
41) Methacrylonitrile	7.53	41	19	4.02	ug/l	# 23
43) Isopropyl Acetate	8.52	43	22	1.48	ug/l	# 48
48) Methyl methacrylate	9.45	41	49	6.85	ug/l	# 8
51) 4-Methyl-2-Pentanone	10.23	43	87	8.74	ug/l	# 34
53) t-1,3-Dichloropropene	10.73	75	796	41.21	ug/l	# 43
55) 1,1,2-Trichloroethane	10.76	97	2880	238.28	ug/l	# 22
56) Ethyl methacrylate	10.68	69	1417	102.76	ug/l	# 26
59) 2-Hexanone	10.95	43	15833	2351.30	ug/l	# 27
60) Dibromochloromethane	10.95	129	95	6.95	ug/l	# 10
61) 1,2-Dibromoethane	11.24	107	1097	100.53	ug/l	# 1
64) Tetrachloroethene	10.74	164	51	1.90	ug/l	# 1
65) Chlorobenzene	11.77	112	1388	18.00	ug/l	# 42

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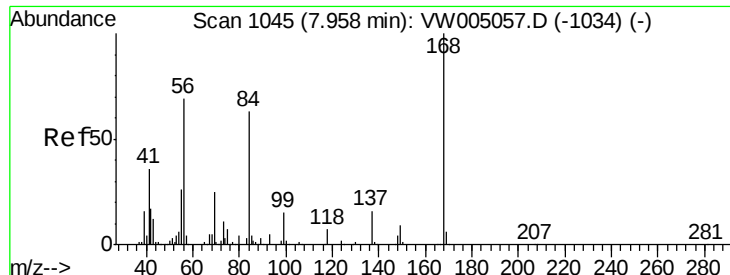
Instrument :
 MSVOA_W
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	11.74	91	360	2.76	ug/l #	43
68) m/p-Xylenes	11.83	106	101	1.93	ug/l #	1
73) Isopropylbenzene	12.46	105	2202	3.58	ug/l	91
74) N-amyl acetate	12.26	43	200448	1890.96	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.70	83	18097	193.10	ug/l #	63
76) 1,2,3-Trichloropropane	12.77	75	231	3.52	ug/l #	100
77) Bromobenzene	12.73	156	333	2.20	ug/l #	1
78) n-propylbenzene	12.81	91	11169	15.03	ug/l	82
79) 2-Chlorotoluene	12.94	91	10134	23.37	ug/l	92
80) 1,3,5-Trimethylbenzene	12.95	105	8688	16.32	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	59	2.17	ug/l #	1
82) 4-Chlorotoluene	12.99	91	2109	4.61	ug/l #	1
83) tert-Butylbenzene	13.45	119	4723	10.62	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	35369	65.23	ug/l	97
85) sec-Butylbenzene	13.39	105	95525	146.20	ug/l #	61
86) p-Isopropyltoluene	13.51	119	10398	17.98	ug/l	92
89) n-Butylbenzene	13.81	91	30780	57.42	ug/l #	1
90) Hexachloroethane	14.10	117	15040	156.55	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	539	36.80	ug/l #	1
95) Naphthalene	15.37	128	168	4.47	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1046

Delta R.T. 0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

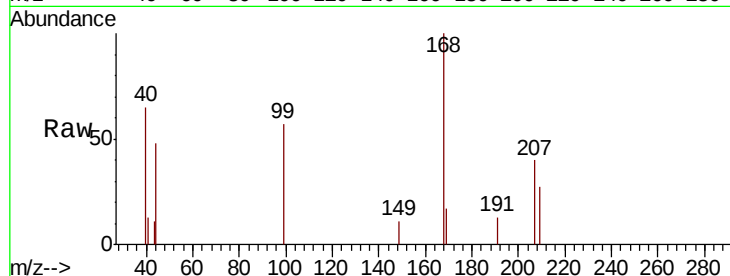
EP1-MW-F(10-15)

Tot Ion:168 Resp: 1235

Ion Ratio Lower Upper

168 100

99 56.7 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

500

400

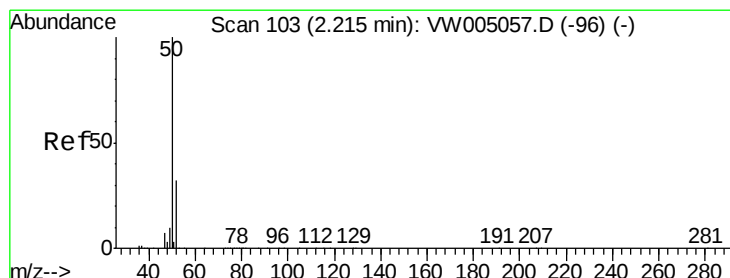
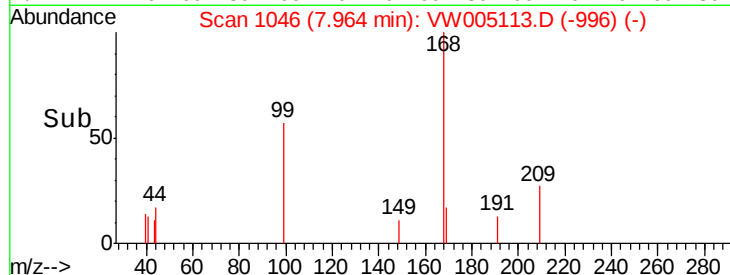
300

200

100

0

Time-->



#3

Chloromethane

Concen: 26.38 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW005113.D

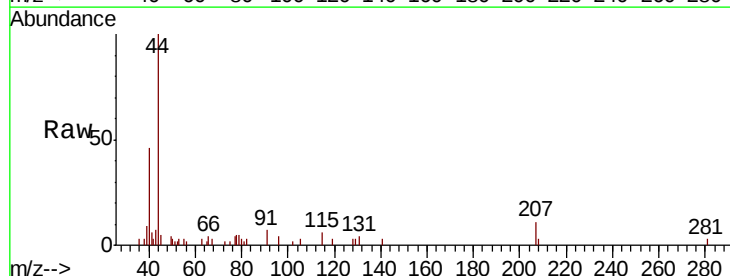
Acq: 05 Sep 2018 07:15

Tgt Ion: 50 Resp: 381

Ion Ratio Lower Upper

50 100

52 26.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.22

250

200

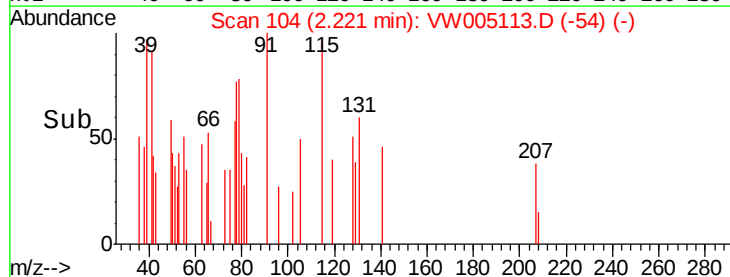
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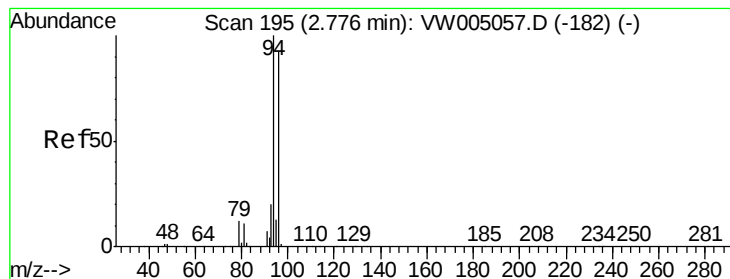
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

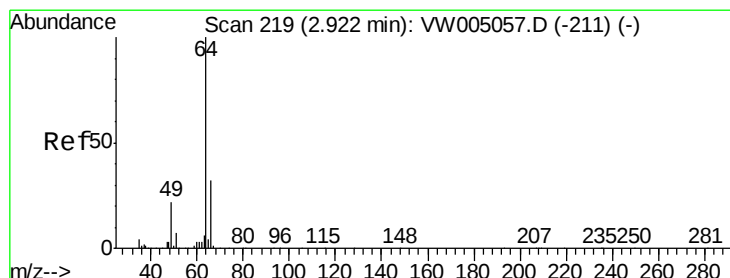
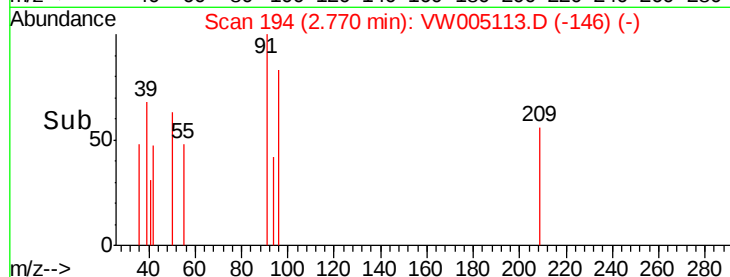
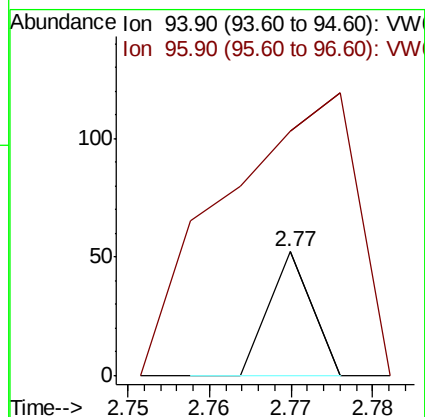
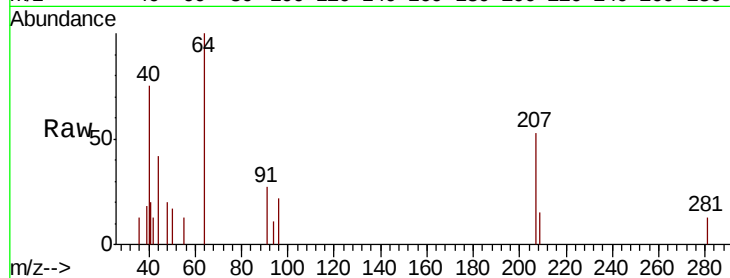
EP1-MW-F(10-15)

Tot Ion: 94 Resp: 19

Ion Ratio Lower Upper

94 100

96 73.1 73.2 109.8#



#6

Chloroethane

Concen: 29.86 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW005113.D

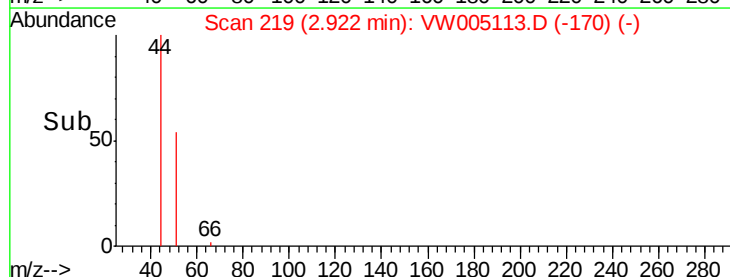
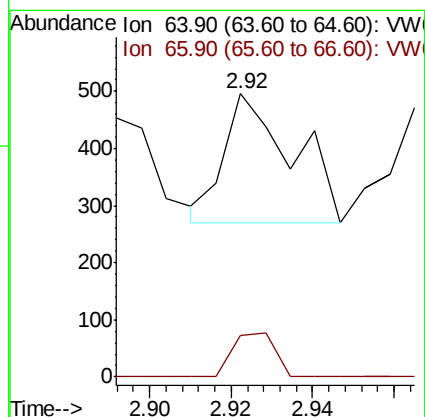
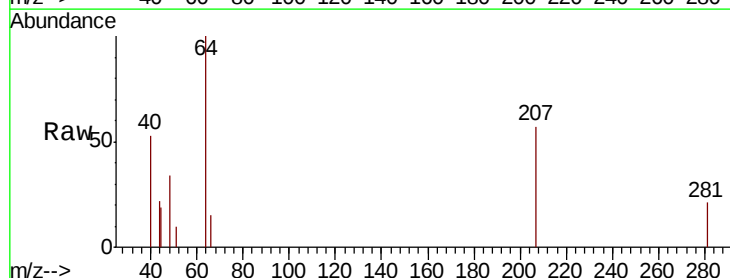
Acq: 05 Sep 2018 07:15

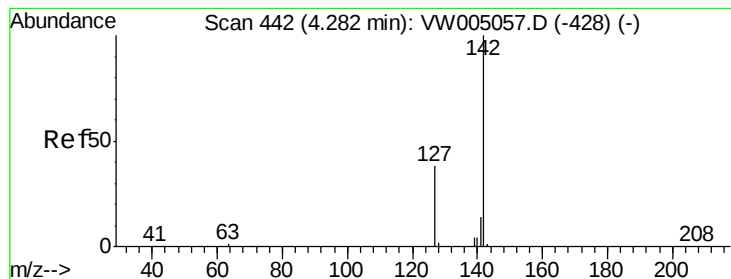
Tgt Ion: 64 Resp: 261

Ion Ratio Lower Upper

64 100

66 32.0 25.7 38.5





#10

Methyl Iodide

Concen: 13.84 ug/l

RT: 4.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

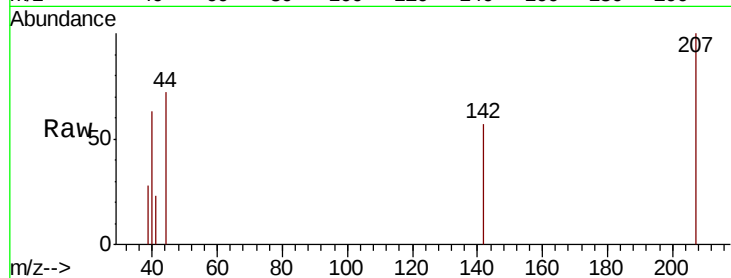
Tot Ion:142 Resp: 176

Ion Ratio Lower Upper

142 100

127 0.0 30.8 46.2#

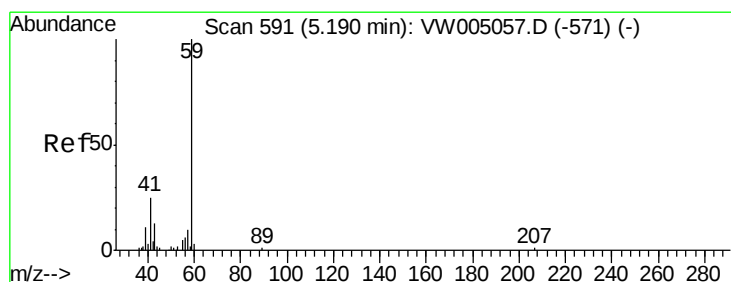
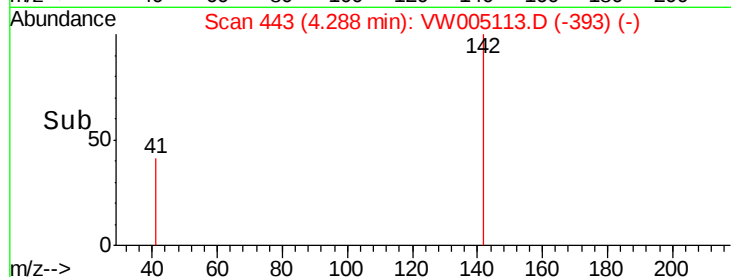
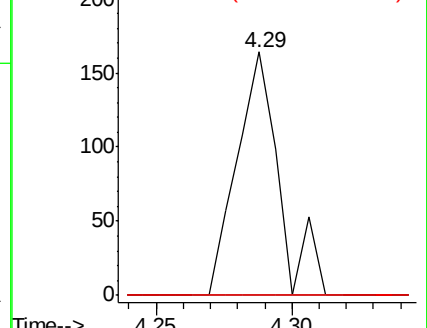
141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 9.51 ug/l

RT: 5.14 min Scan# 583

Delta R.T. -0.05 min

Lab File: VW005113.D

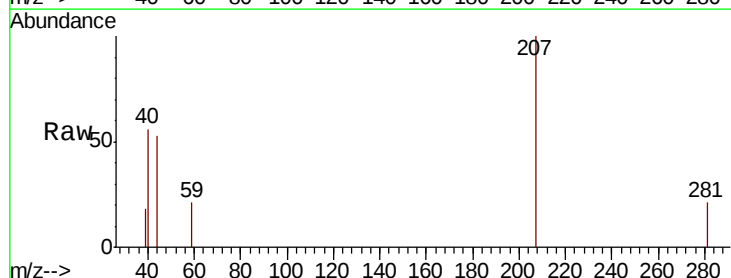
Acq: 05 Sep 2018 07:15

Tgt Ion: 59 Resp: 28

Ion Ratio Lower Upper

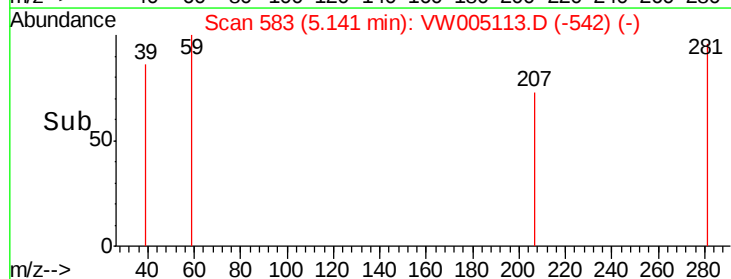
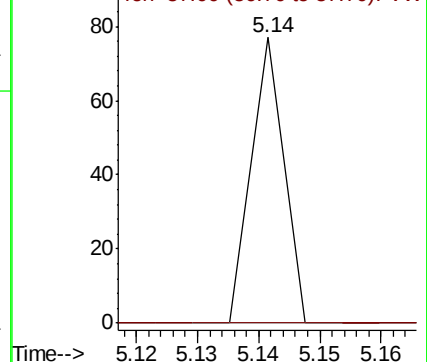
59 100

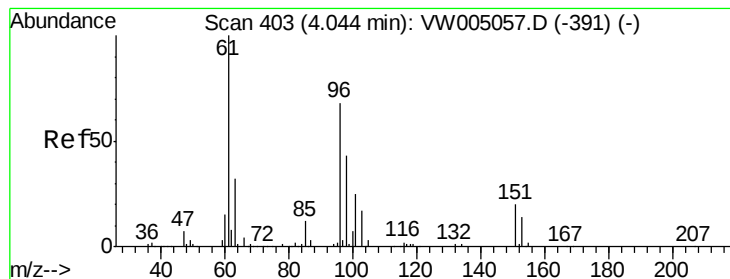
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 2.60 ug/l

RT: 4.00 min Scan# 396

Delta R.T. -0.04 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

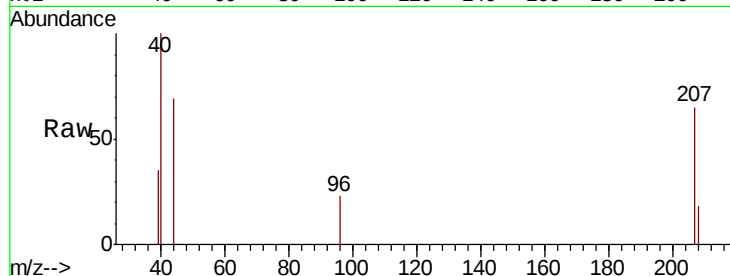
Tot Ion: 96 Resp: 26

Ion Ratio Lower Upper

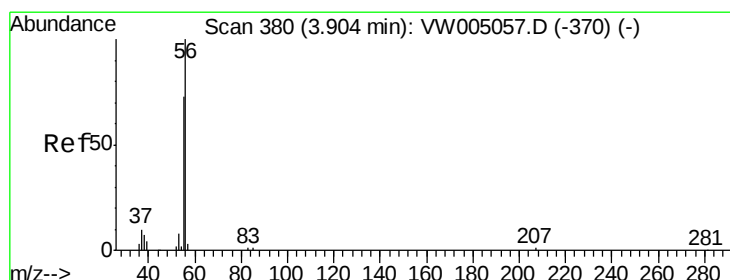
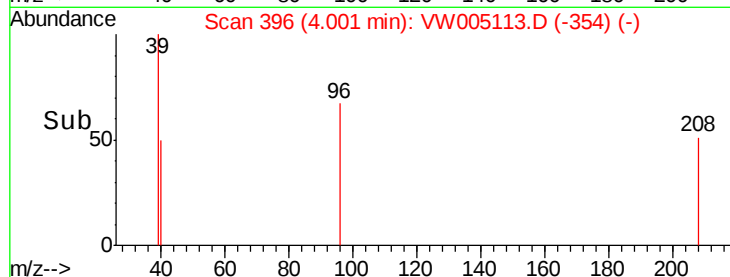
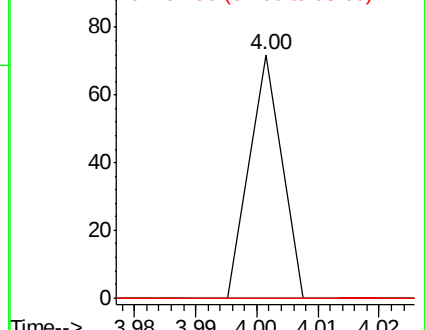
96 100

61 0.0 117.4 176.0#

98 0.0 51.0 76.4#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#13

Acrolein

Concen: 30.10 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005113.D

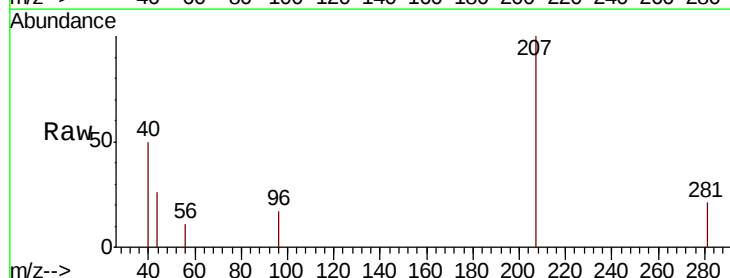
Acq: 05 Sep 2018 07:15

Tgt Ion: 56 Resp: 20

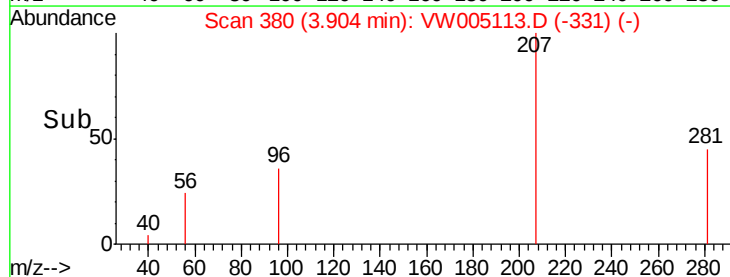
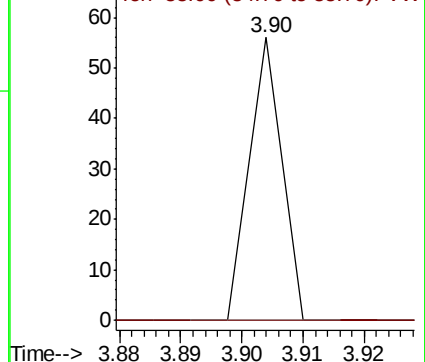
Ion Ratio Lower Upper

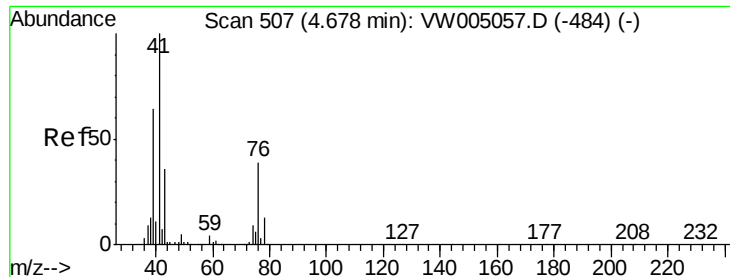
56 100

55 0.0 58.1 87.1#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW

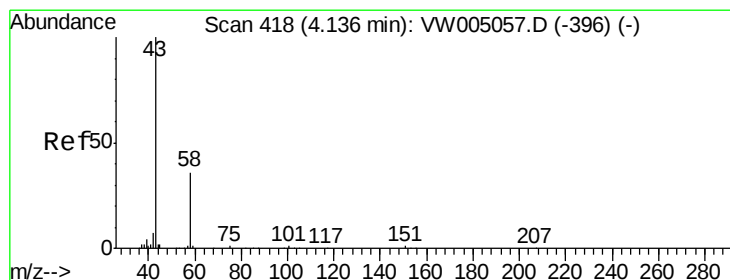
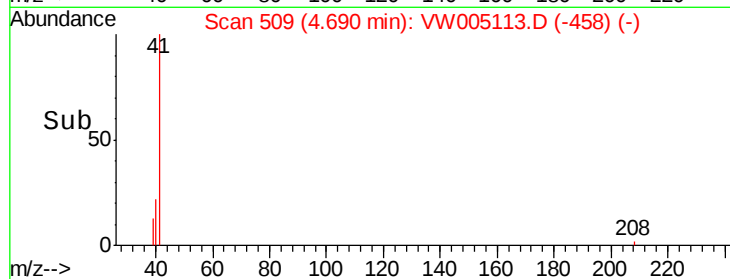
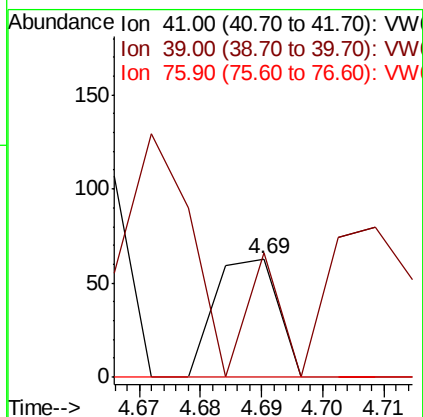
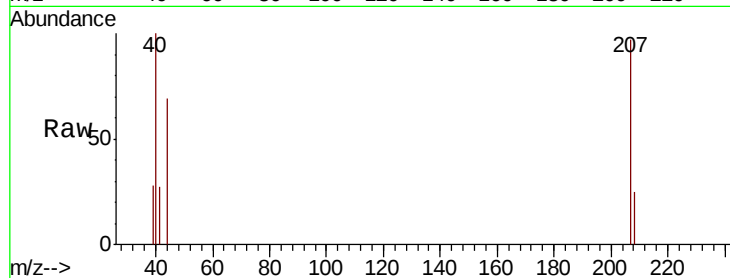




#14
Allvl chloride
Concen: 2.88 ug/l
RT: 4.69 min Scan# 509
Delta R.T. 0.01 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

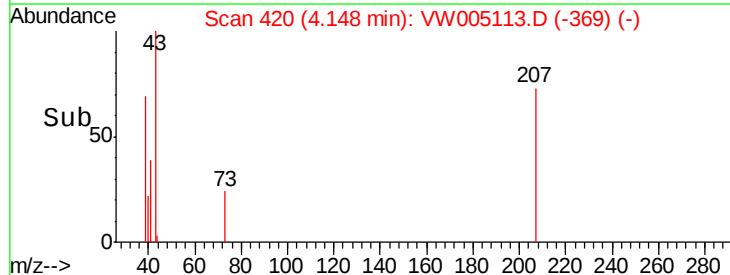
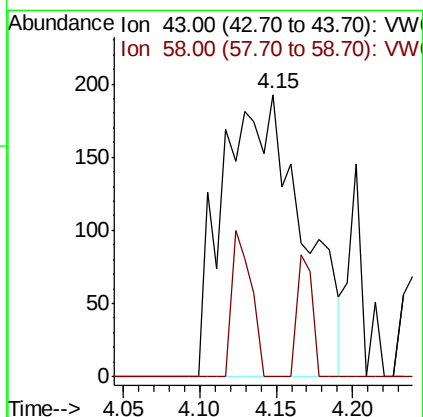
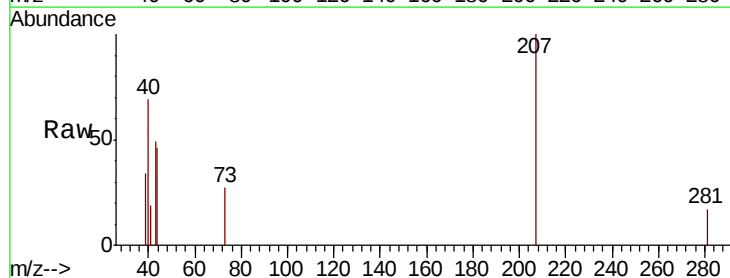
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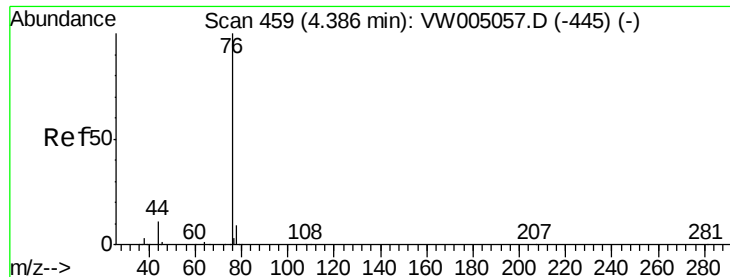
Tot Ion: 41 Resp: 45
Ion Ratio Lower Upper
41 100
39 222.2 49.4 74.2#
76 0.0 31.8 47.6#



#16
Acetone
Concen: 338.51 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.01 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#





#17

Carbon Disulfide

Concen: 11.70 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

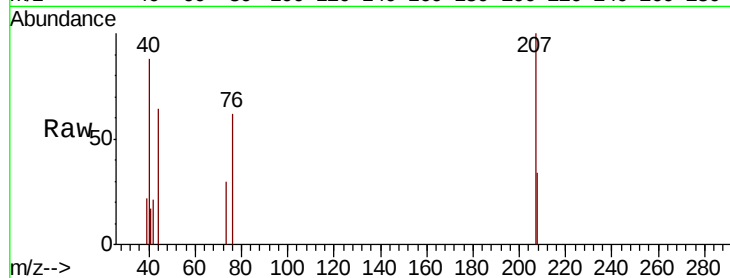
EP1-MW-F(10-15)

Tot Ion: 76 Resp: 407

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

150

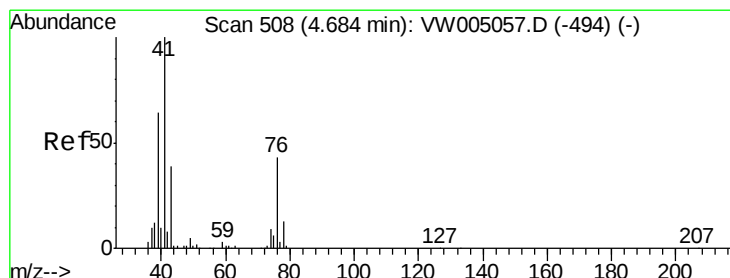
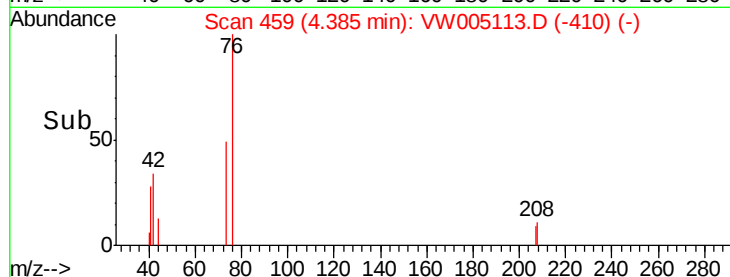
100

50

0

4.35 4.40 4.45

Time-->



#18

Methyl Acetate

Concen: 4.97 ug/l

RT: 4.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VW005113.D

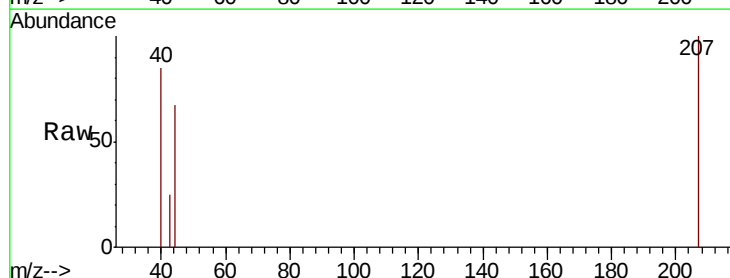
Acq: 05 Sep 2018 07:15

Tgt Ion: 43 Resp: 30

Ion Ratio Lower Upper

43 100

74 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.70

80

60

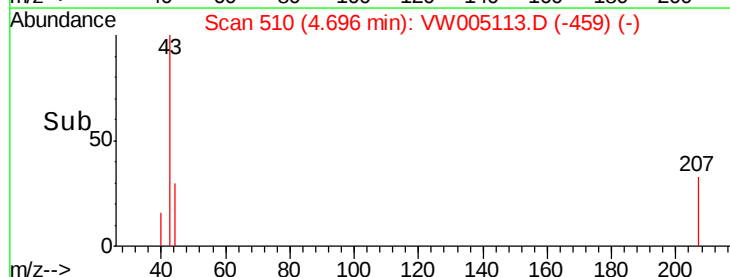
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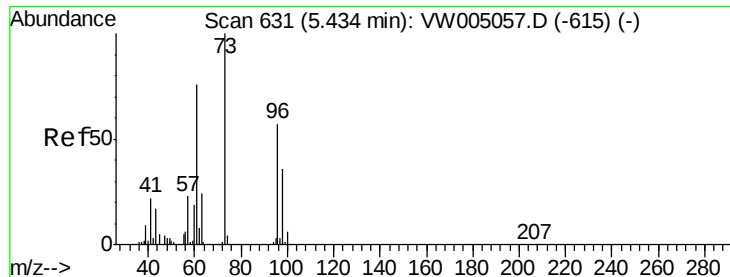
20

0

4.68 4.69 4.70

Time-->

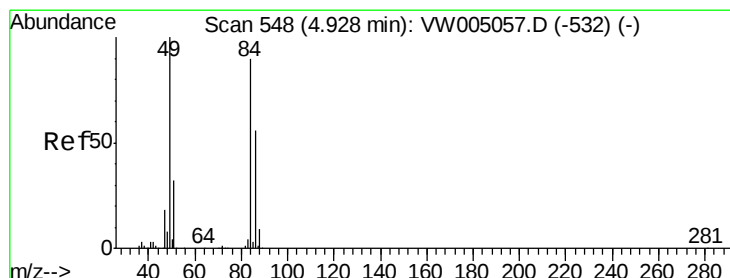
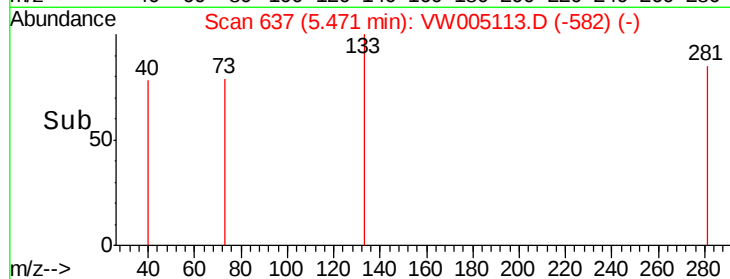
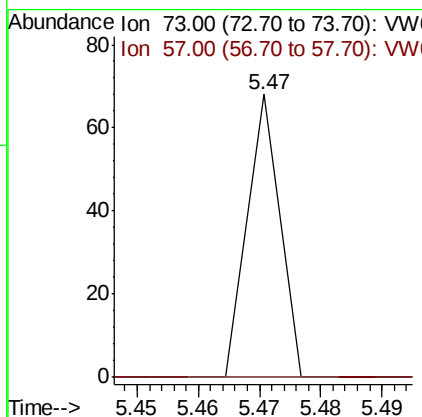
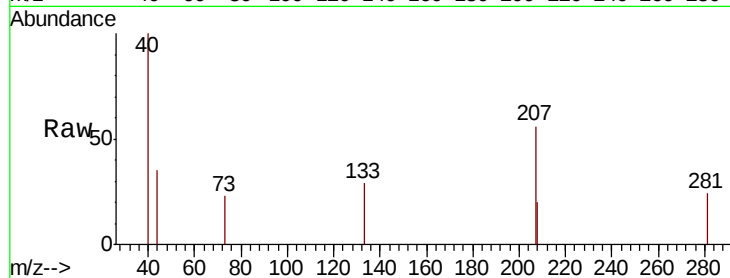




#19
Methyl tert-butyl Ether
Concen: 1.03 ug/l
RT: 5.47 min Scan# 637
Delta R.T. 0.04 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

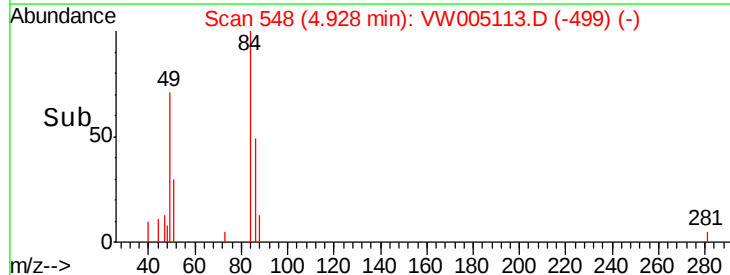
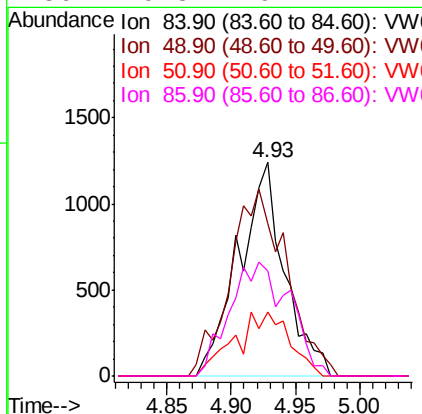
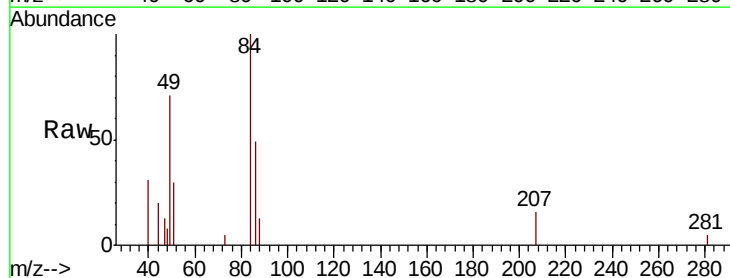
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

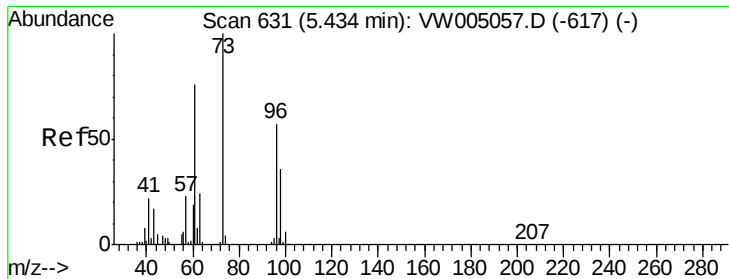
Tot Ion: 73 Resp: 25
Ion Ratio Lower Upper
73 100
57 0.0 18.1 27.1#



#20
Methylene Chloride
Concen: 235.50 ug/l
RT: 4.93 min Scan# 548
Delta R.T. 0.00 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion: 84 Resp: 3066
Ion Ratio Lower Upper
84 100
49 71.1 88.7 133.1#
51 29.8 28.6 42.8
86 49.3 49.4 74.2#





#21

trans-1,2-Dichloroethene

Concen: 5.51 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

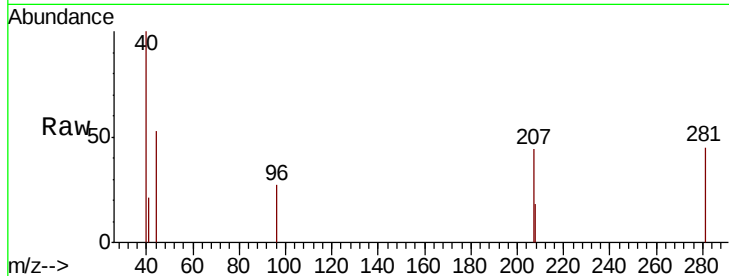
Tot Ion: 96 Resp: 67

Ion Ratio Lower Upper

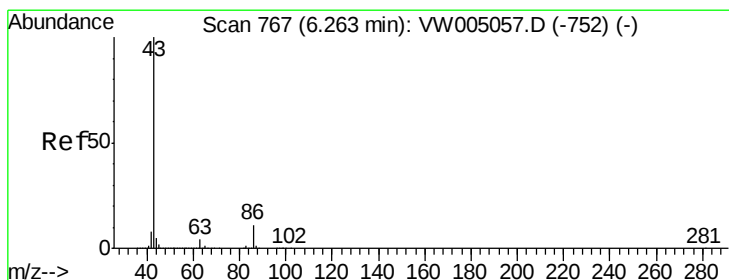
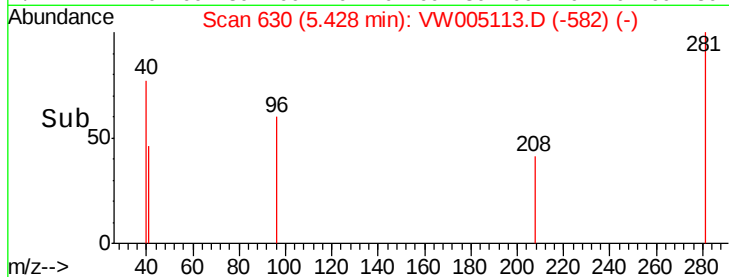
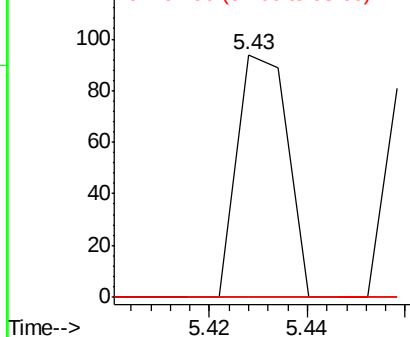
96 100

61 0.0 106.3 159.5#

98 0.0 50.9 76.3#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#23

Vinyl Acetate

Concen: 1.22 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005113.D

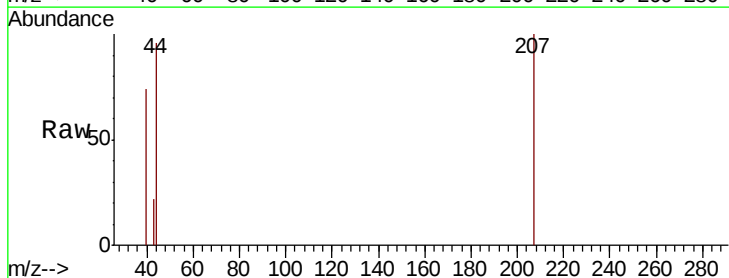
Acq: 05 Sep 2018 07:15

Tgt Ion: 43 Resp: 21

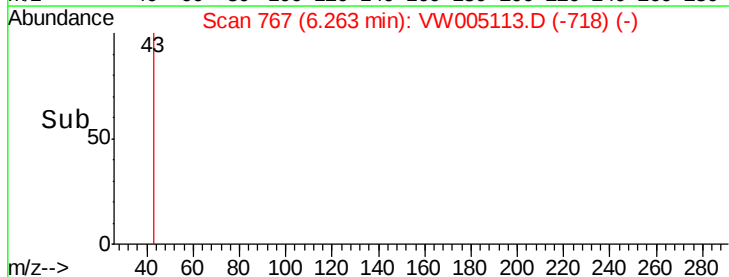
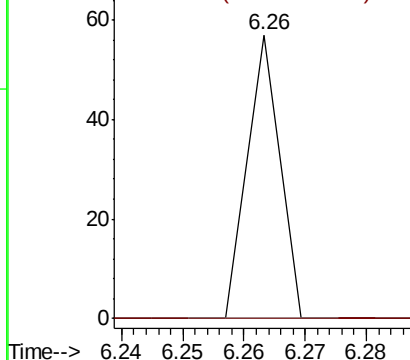
Ion Ratio Lower Upper

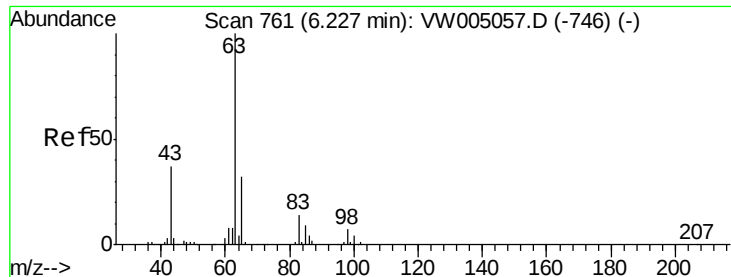
43 100

86 0.0 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW





#24

1,1-Dichloroethane

Concen: 1.02 ug/l

RT: 6.37 min Scan# 784

Delta R.T. 0.14 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

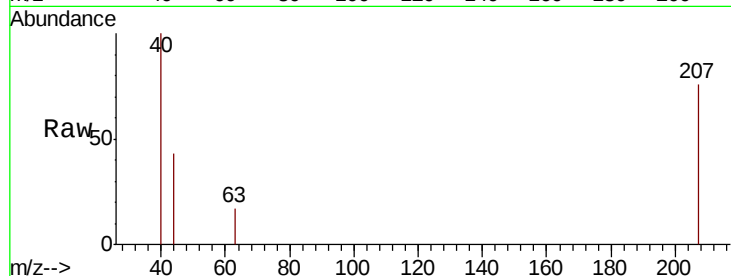
Instrument :

MSVOA_W

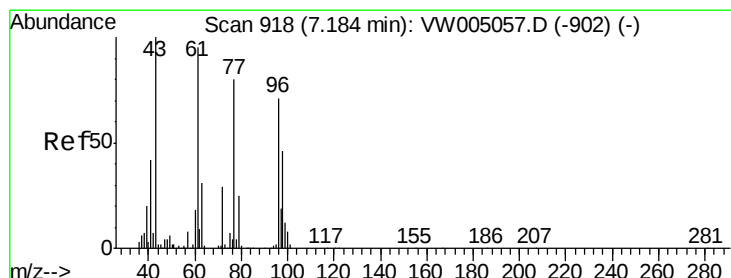
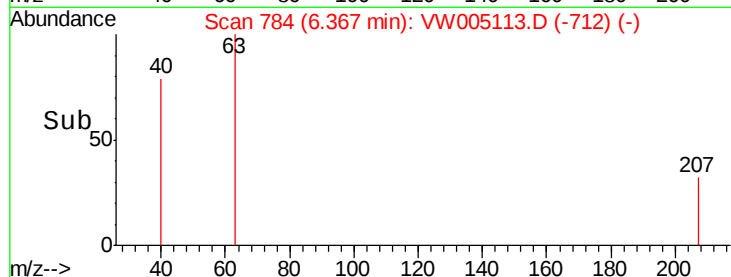
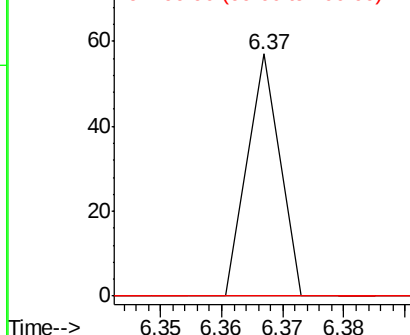
ClientSampleId :

EP1-MW-F(10-15)

Tot Ion:	63	Resp:	21
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.8#
100	0.0	2.2	6.6#



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#25

2-Butanone

Concen: 21.62 ug/l

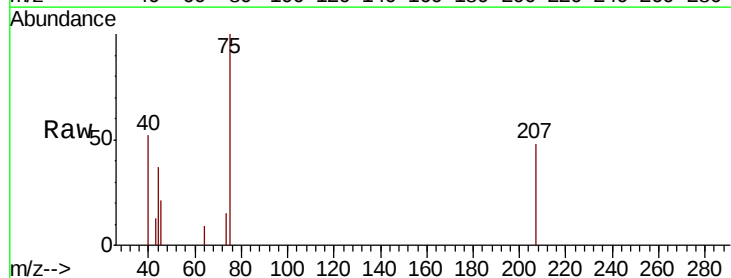
RT: 7.14 min Scan# 911

Delta R.T. -0.04 min

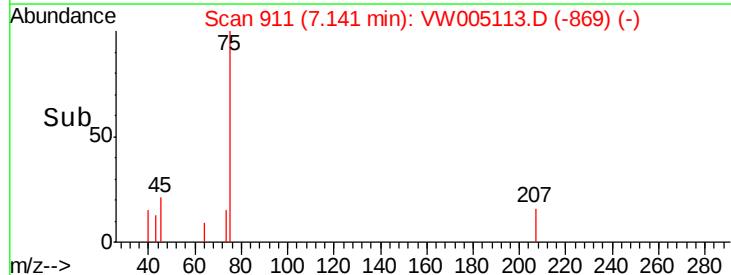
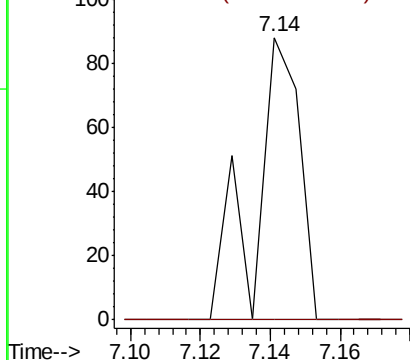
Lab File: VW005113.D

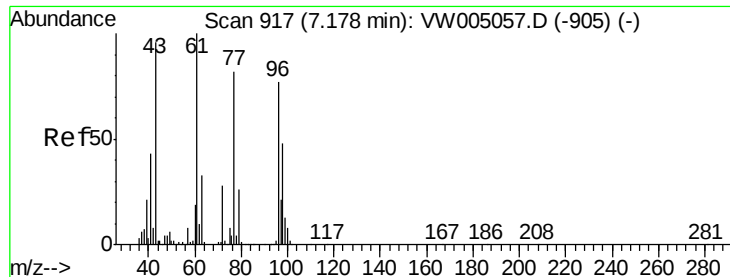
Acq: 05 Sep 2018 07:15

Tgt Ion:	43	Resp:	77
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



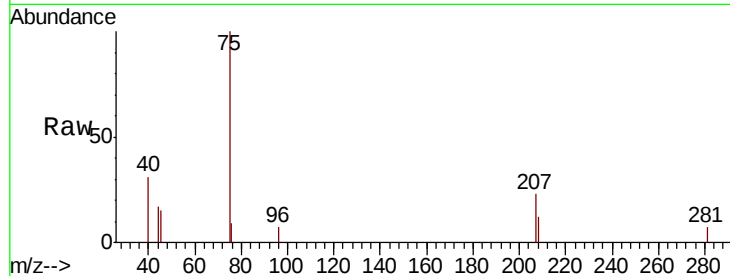


#27

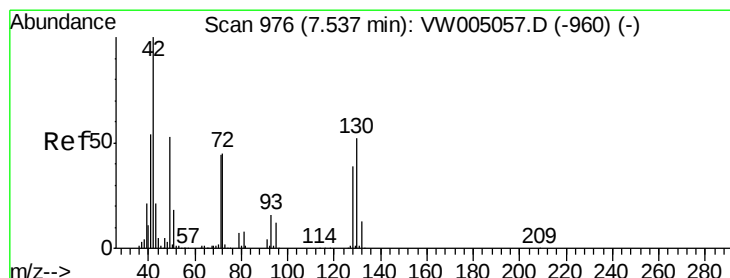
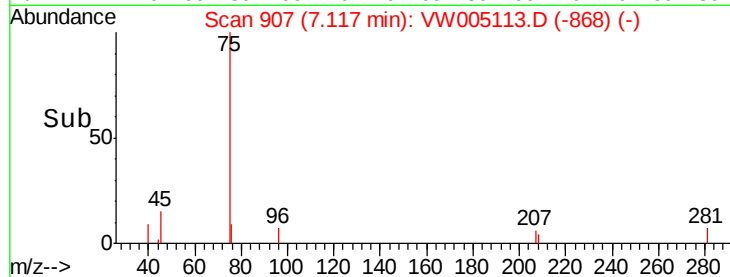
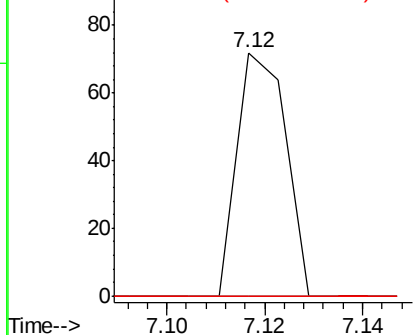
cis-1,2-Dichloroethene
 Concen: 3.76 ug/l
 RT: 7.12 min Scan# 907
 Delta R.T. -0.06 min
 Lab File: VW005113.D
 Acq: 05 Sep 2018 07:15

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

Tot Ion:	96	Resp:	50
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	273.2
98	0.0	0.0	127.8



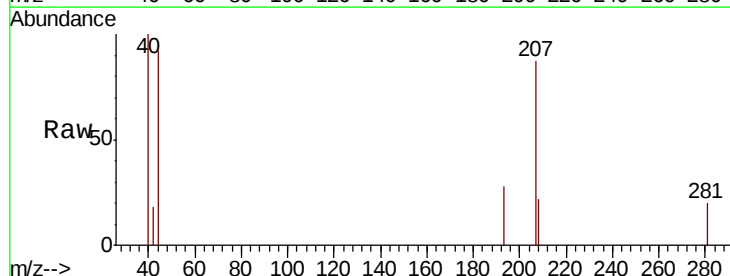
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



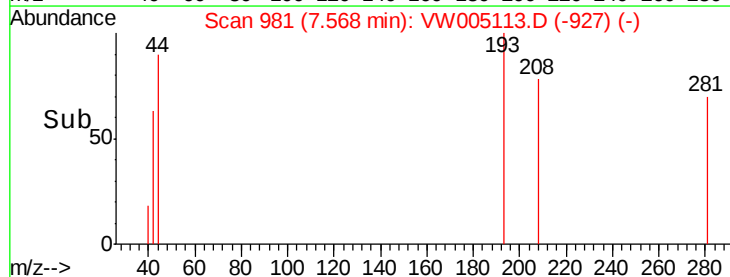
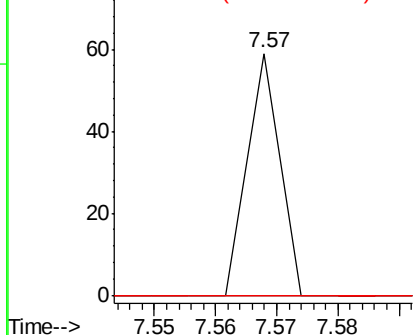
#29

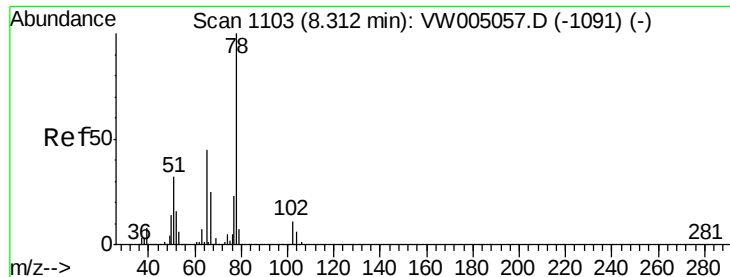
Tetrahydrofuran
 Concen: 12.09 ug/l
 RT: 7.57 min Scan# 981
 Delta R.T. 0.03 min
 Lab File: VW005113.D
 Acq: 05 Sep 2018 07:15

Tgt Ion:	42	Resp:	22
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.4#
71	0.0	35.0	52.6#



Abundance Ion 42.00 (41.70 to 42.70): VW
 Ion 72.00 (71.70 to 72.70): VW
 Ion 71.00 (70.70 to 71.70): VW

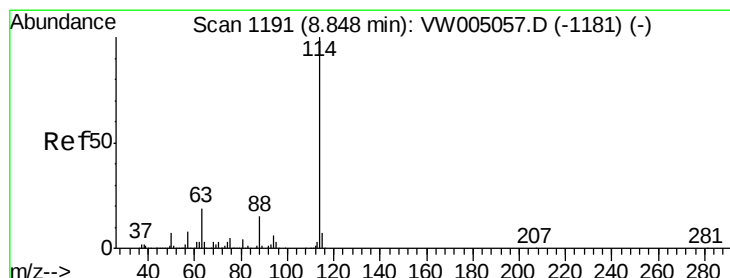
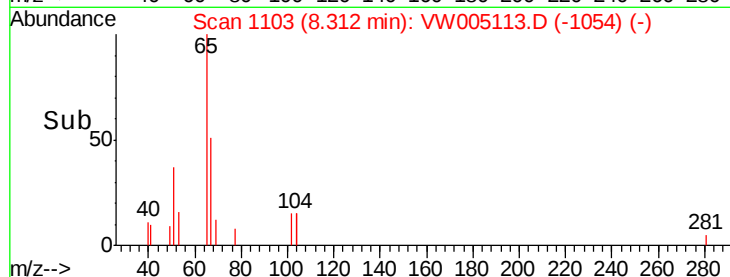
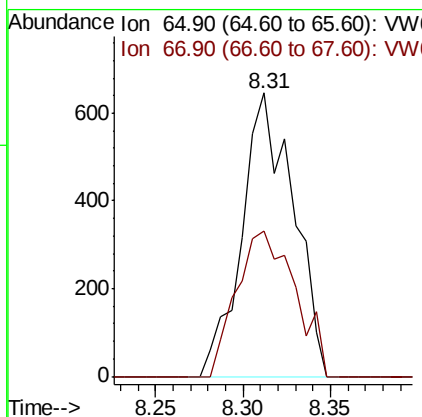
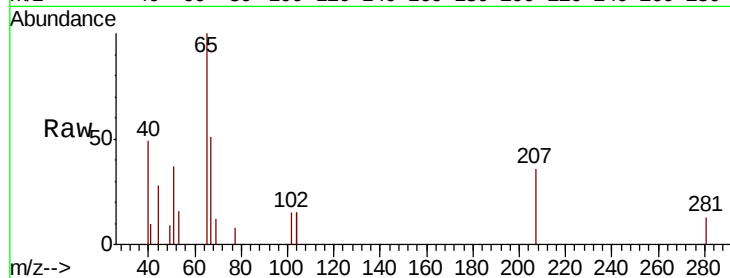




#33
 1,2-Dichloroethane-d4
 Concen: 129.42 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005113.D
 Acq: 05 Sep 2018 07:15

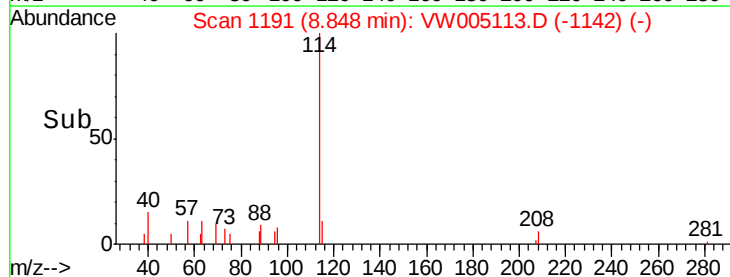
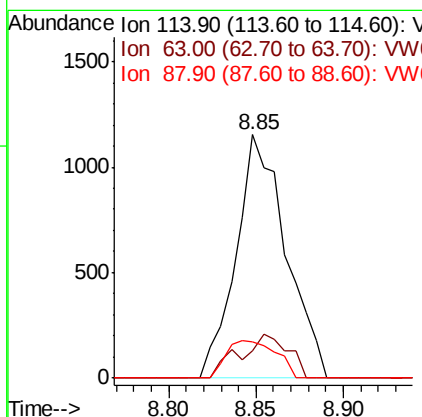
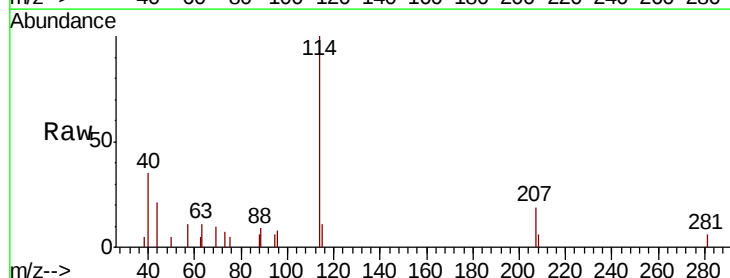
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

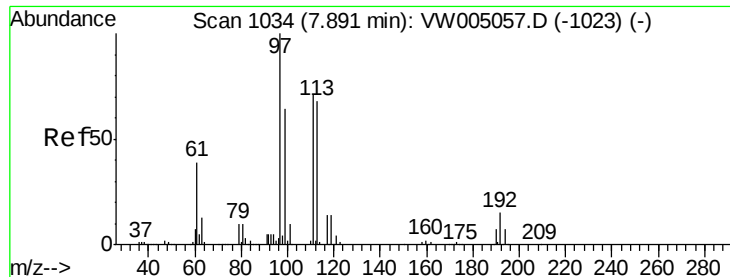
Tot Ion: 65 Resp: 1325
 Ion Ratio Lower Upper
 65 100
 67 58.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005113.D
 Acq: 05 Sep 2018 07:15

Tgt Ion: 114 Resp: 2292
 Ion Ratio Lower Upper
 114 100
 63 11.1 0.0 38.0
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 66.21 ug/l

RT: 7.90 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

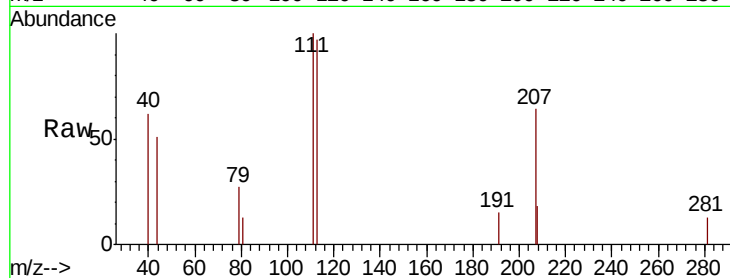
Tot Ion:113 Resp: 877

Ion Ratio Lower Upper

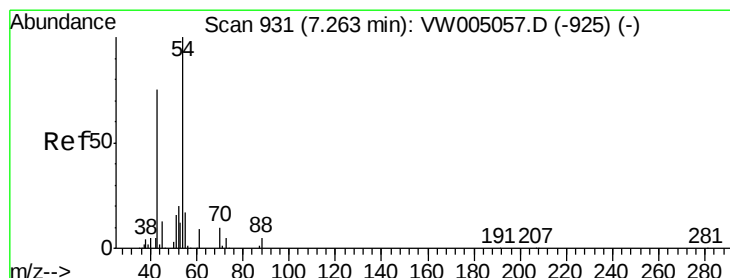
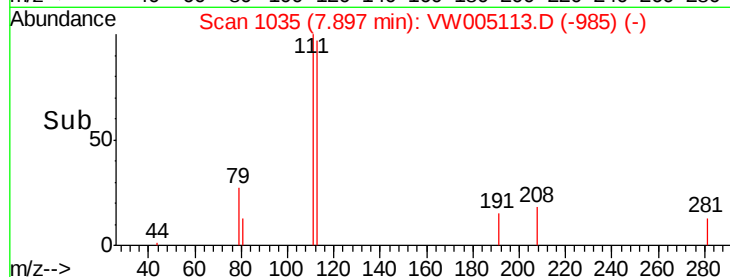
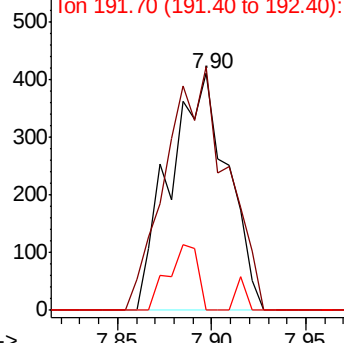
113 100

111 107.2 82.2 123.2

192 14.1 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



#37

Ethyl Acetate

Concen: 5.02 ug/l

RT: 7.28 min Scan# 933

Delta R.T. 0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

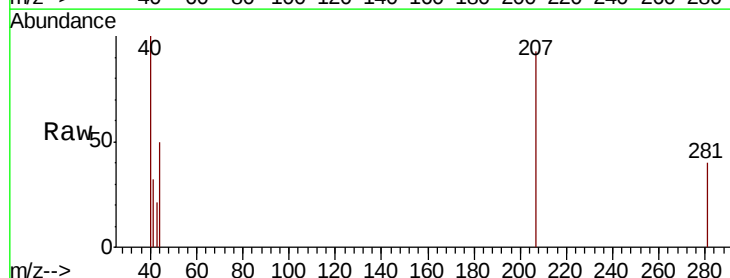
Tgt Ion: 43 Resp: 41

Ion Ratio Lower Upper

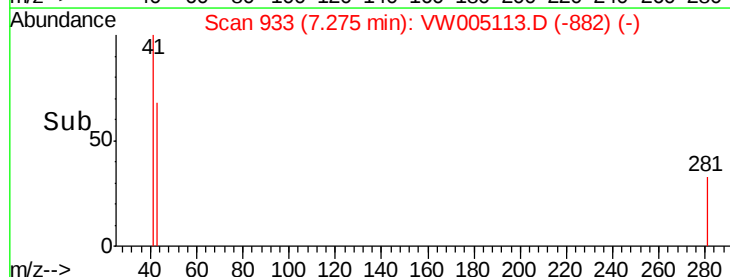
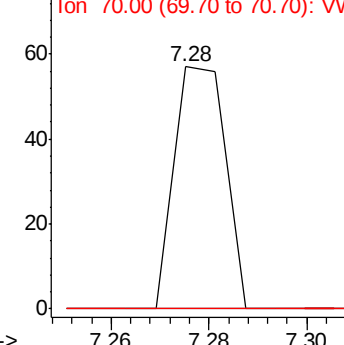
43 100

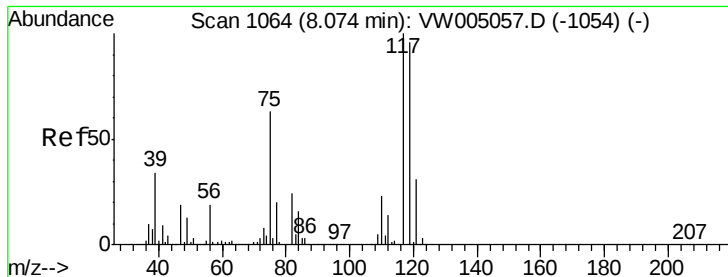
61 0.0 12.1 18.1#

70 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 2.99 ug/l

RT: 7.98 min Scan# 1048

Delta R.T. -0.10 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

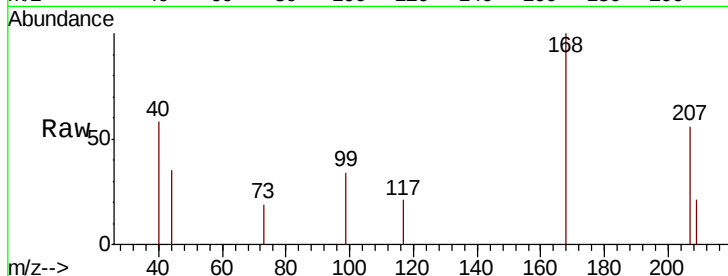
Tot Ion:117 Resp: 62

Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

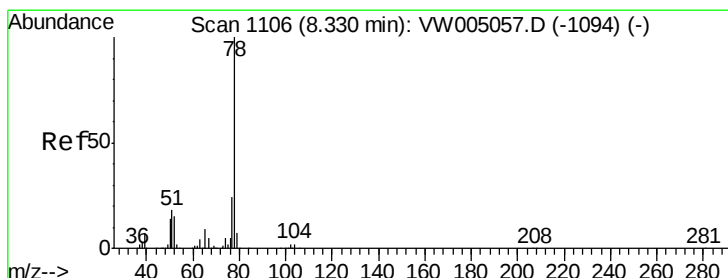
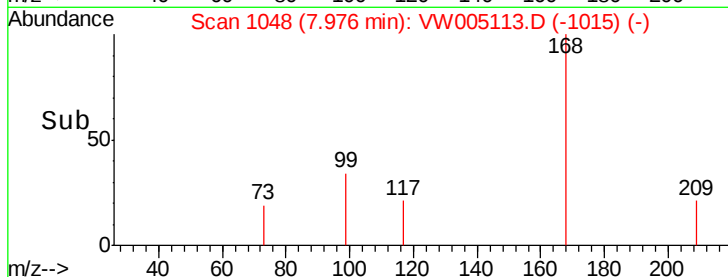
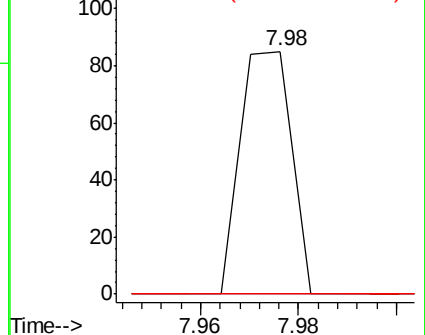
121 0.0 24.8 37.2#



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



#40

Benzene

Concen: 1.18 ug/l

RT: 8.36 min Scan# 1111

Delta R.T. 0.03 min

Lab File: VW005113.D

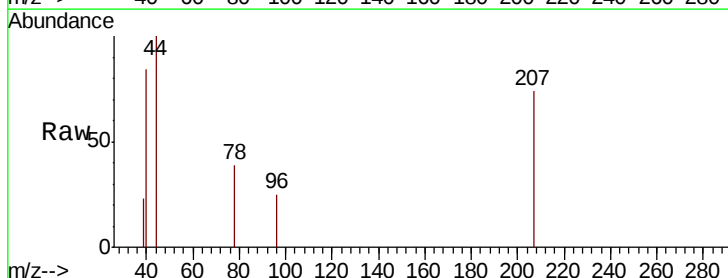
Acq: 05 Sep 2018 07:15

Tgt Ion: 78 Resp: 79

Ion Ratio Lower Upper

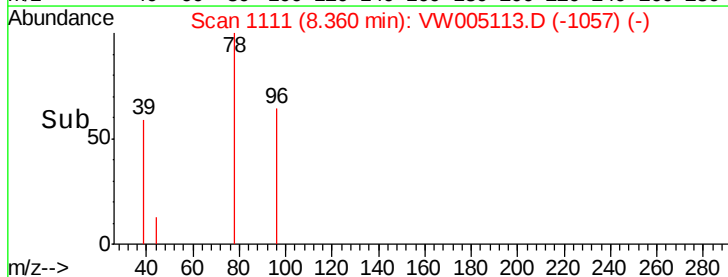
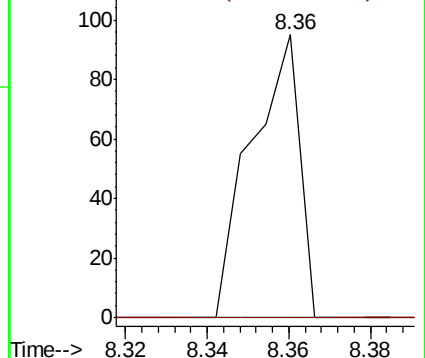
78 100

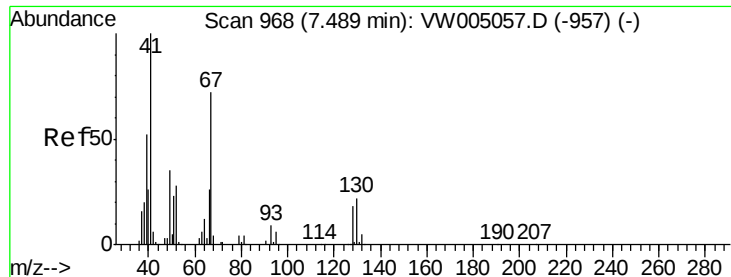
77 0.0 19.4 29.0#



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

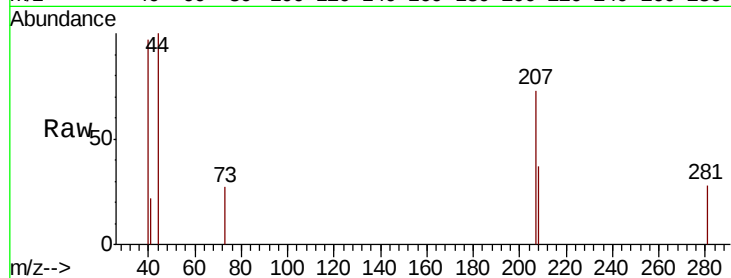




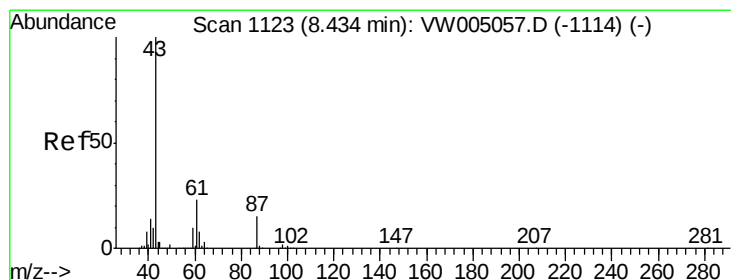
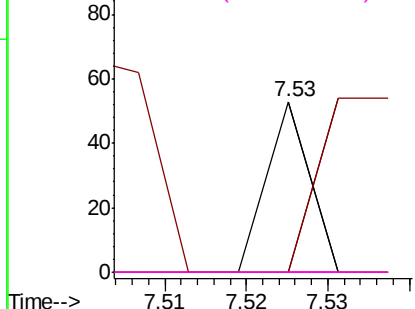
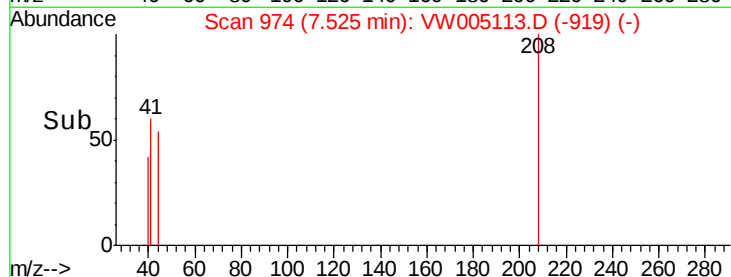
#41
Methacrylonitrile
Concen: 4.02 ug/l
RT: 7.53 min Scan# 974
Delta R.T. 0.04 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

Tot Ion:	41	Resp:	19
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.8	62.8#
67	0.0	60.4	90.6#
52	0.0	23.8	35.8#

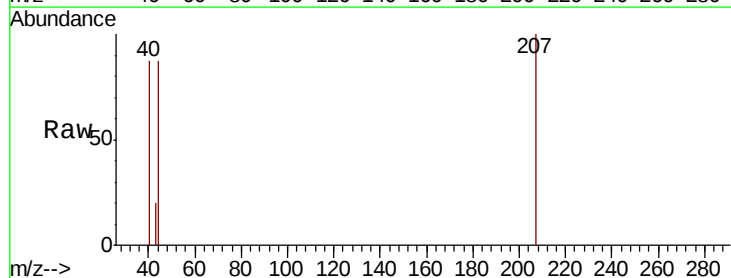


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

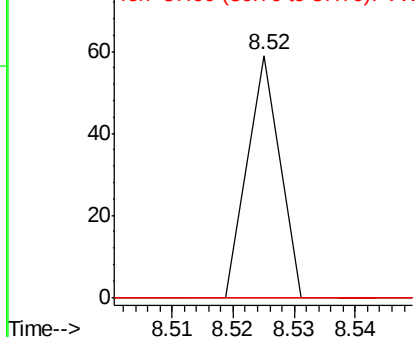
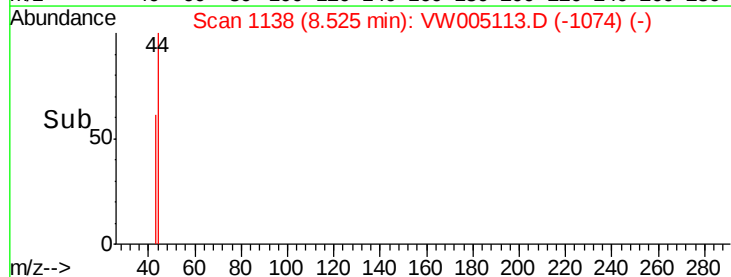


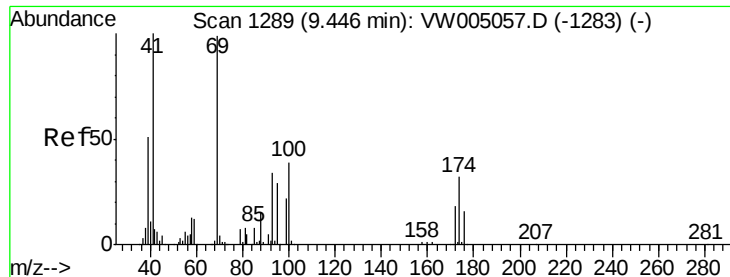
#43
Isopropyl Acetate
Concen: 1.48 ug/l
RT: 8.52 min Scan# 1138
Delta R.T. 0.09 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion:	43	Resp:	22
Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.8	40.2#
87	0.0	11.6	17.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

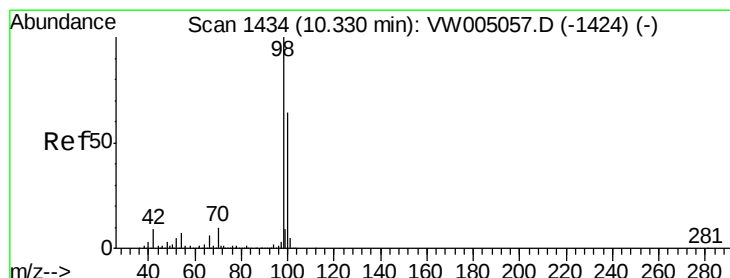
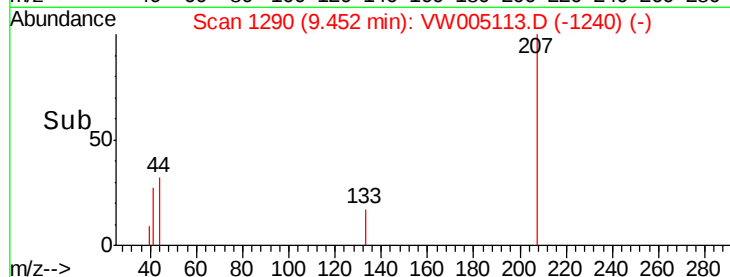
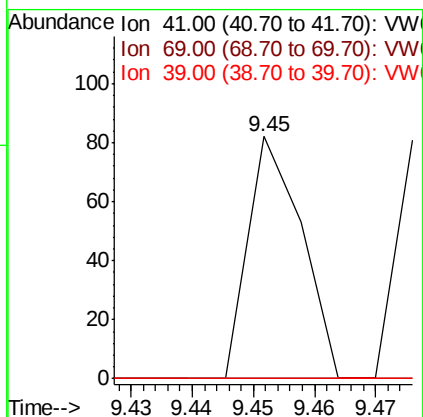
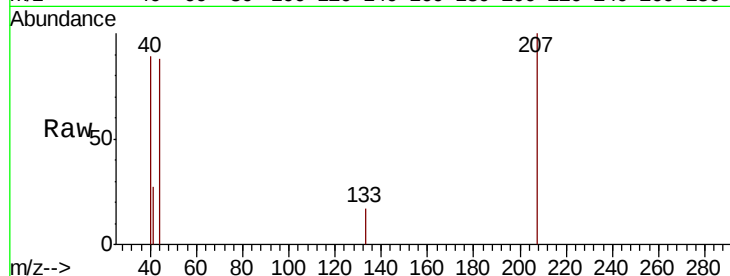




#48
Methyl methacrylate
Concen: 6.85 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.01 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

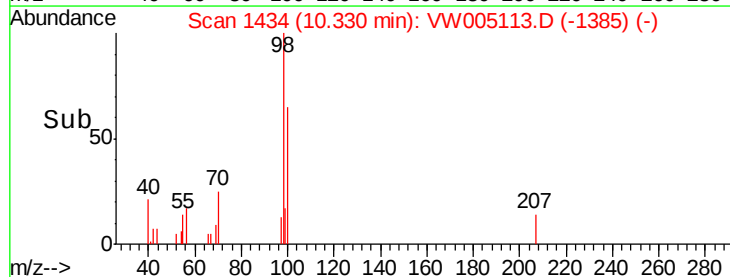
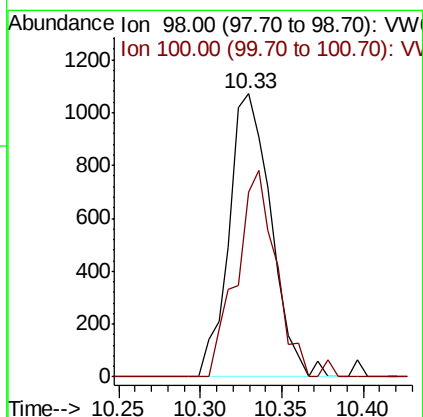
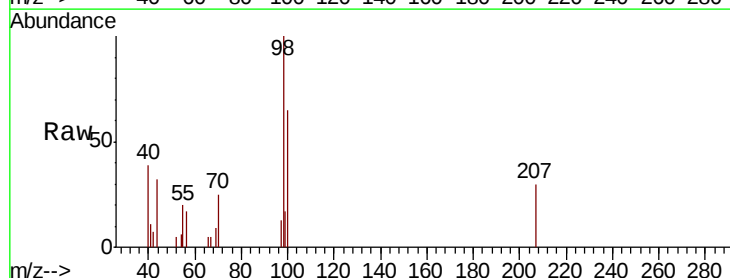
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

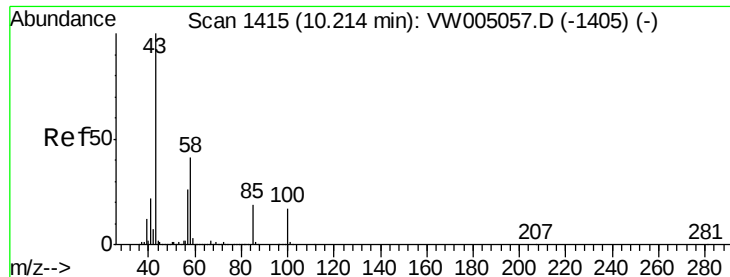
Tot Ion	Ratio	Lower	Upper
41	100		
69	0.0	80.4	120.6#
39	0.0	43.5	65.3#



#50
Toluene-d8
Concen: 31.44 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 8.74 ug/l

RT: 10.23 min Scan# 1418

Delta R.T. 0.02 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

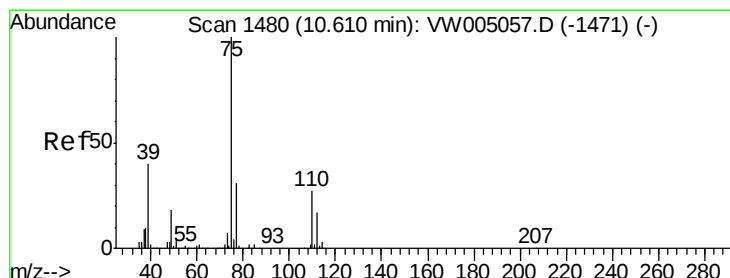
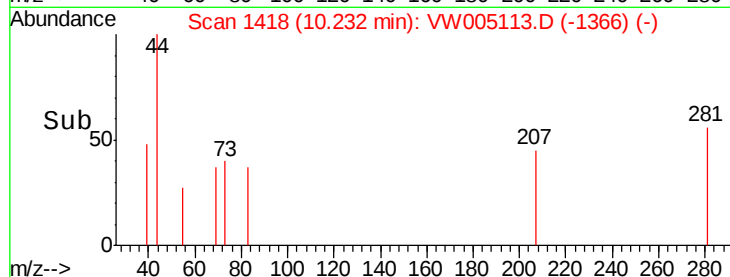
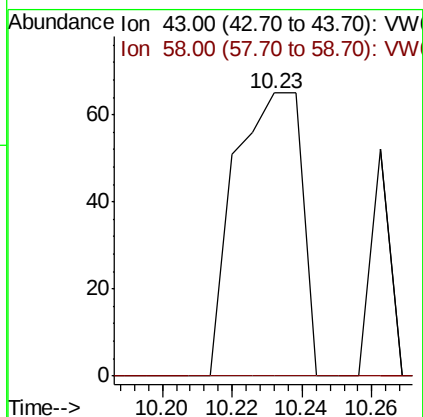
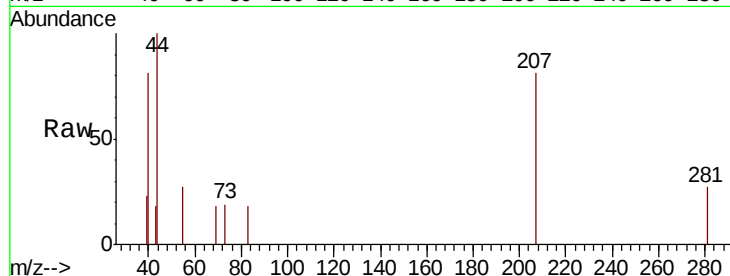
EP1-MW-F(10-15)

Tot Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

58 0.0 33.3 49.9#



#53

t-1,3-Dichloropropene

Concen: 41.21 ug/l

RT: 10.73 min Scan# 1500

Delta R.T. 0.12 min

Lab File: VW005113.D

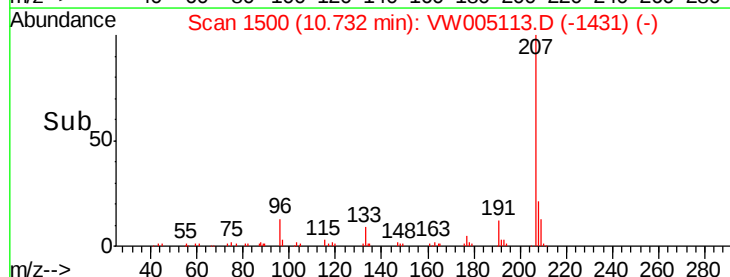
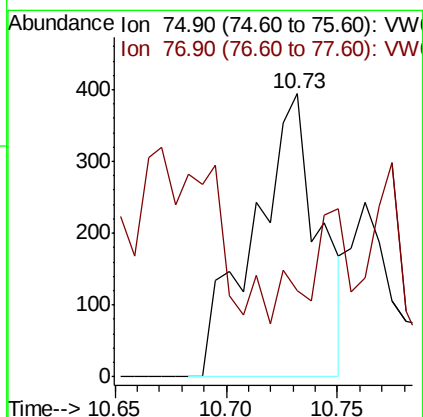
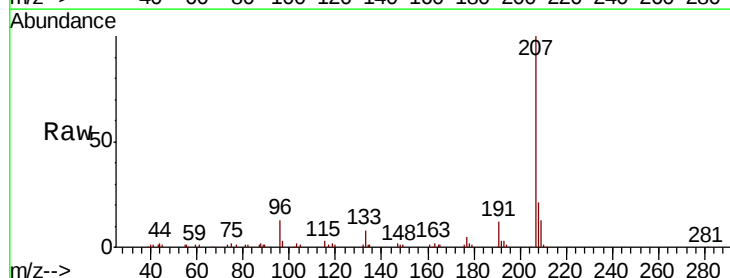
Acq: 05 Sep 2018 07:15

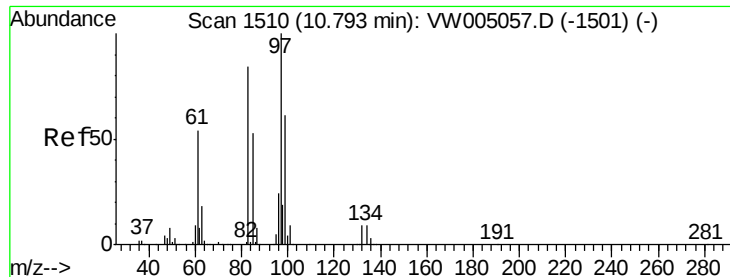
Tgt Ion: 75 Resp: 796

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

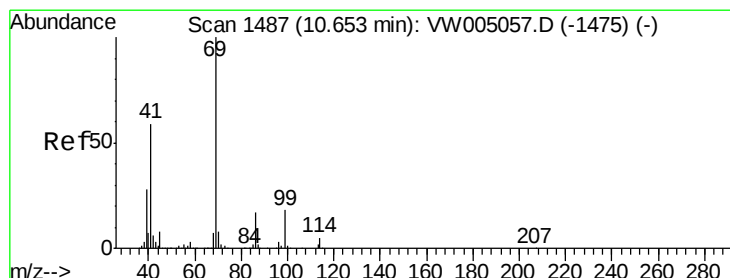
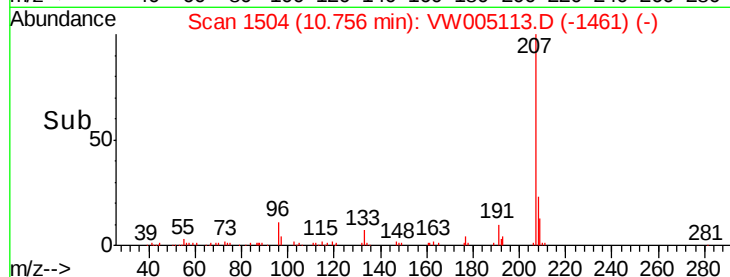
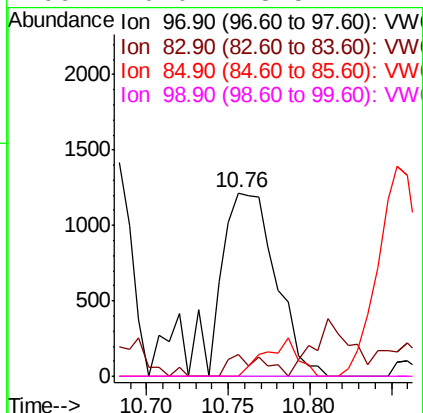
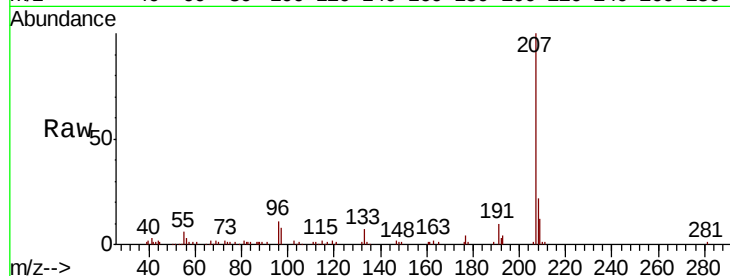




#55
 1,1,2-Trichloroethane
 Concen: 238.28 ug/l
 RT: 10.76 min Scan# 1504
 Delta R.T. -0.04 min
 Lab File: VW005113.D
 Acq: 05 Sep 2018 07:15

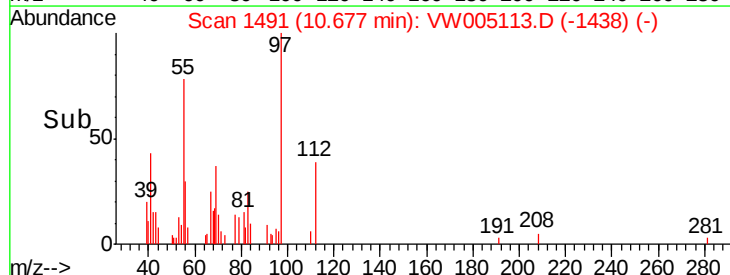
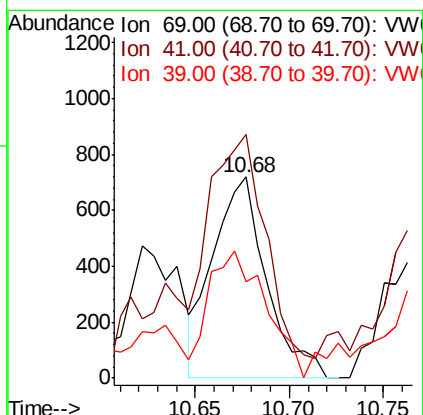
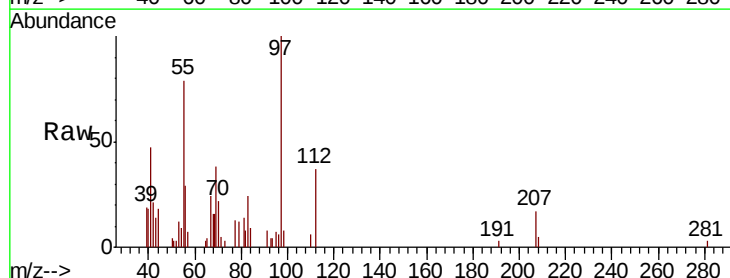
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

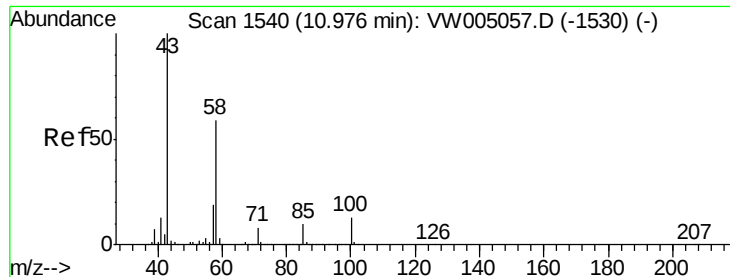
Tot Ion: 97 Resp: 2880
 Ion Ratio Lower Upper
 97 100
 83 12.0 67.0 100.6#
 85 0.0 42.3 63.5#
 99 0.0 48.5 72.7#



#56
 Ethyl methacrylate
 Concen: 102.76 ug/l
 RT: 10.68 min Scan# 1491
 Delta R.T. 0.02 min
 Lab File: VW005113.D
 Acq: 05 Sep 2018 07:15

Tgt Ion: 69 Resp: 1417
 Ion Ratio Lower Upper
 69 100
 41 113.7 47.8 71.6#
 39 67.4 21.1 31.7#

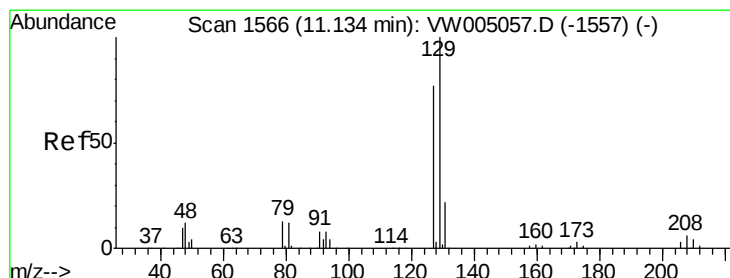
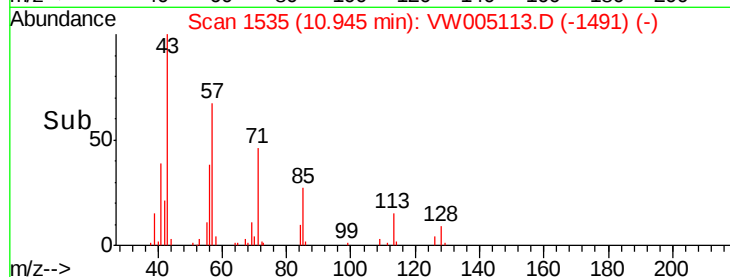
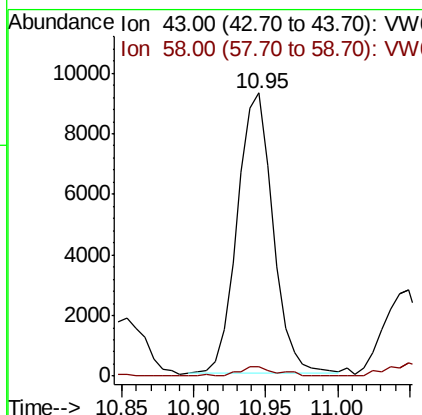
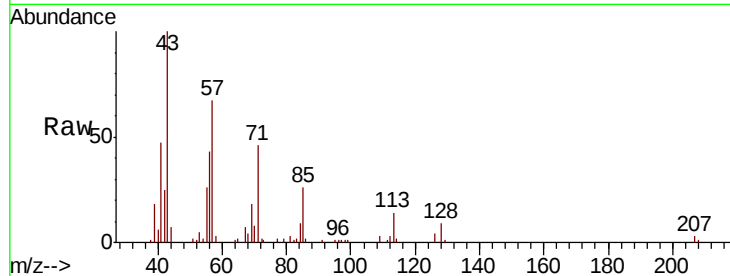




#59
2-Hexanone
Concen: 2351.30 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.03 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

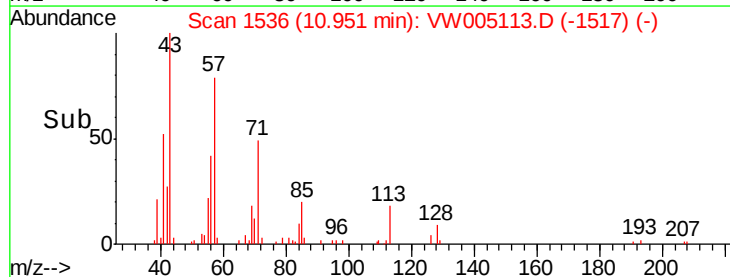
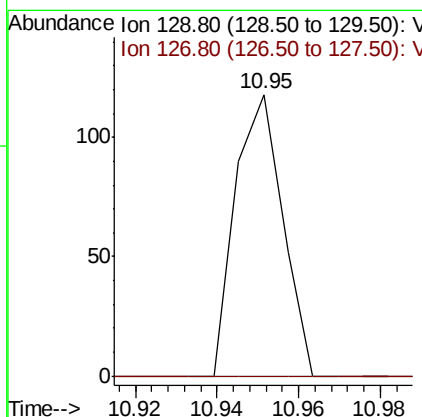
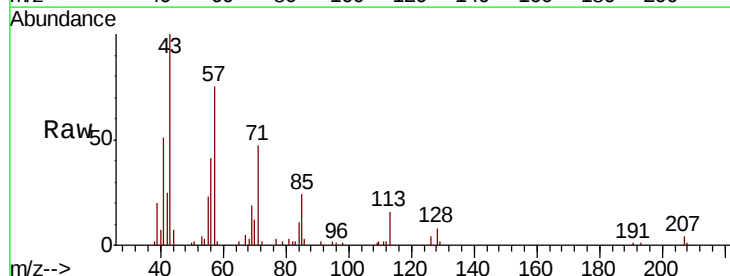
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

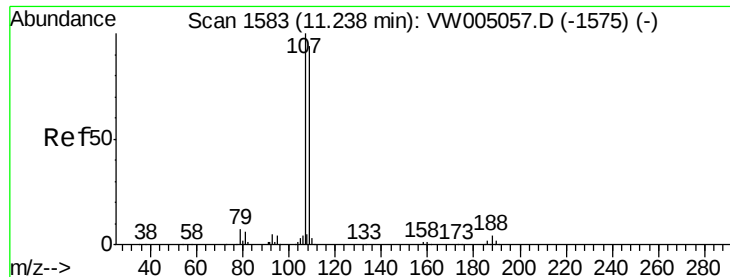
Tot Ion: 43 Resp: 15833
Ion Ratio Lower Upper
43 100
58 3.5 28.7 86.3#



#60
Dibromochloromethane
Concen: 6.95 ug/l
RT: 10.95 min Scan# 1536
Delta R.T. -0.18 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion: 129 Resp: 95
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#

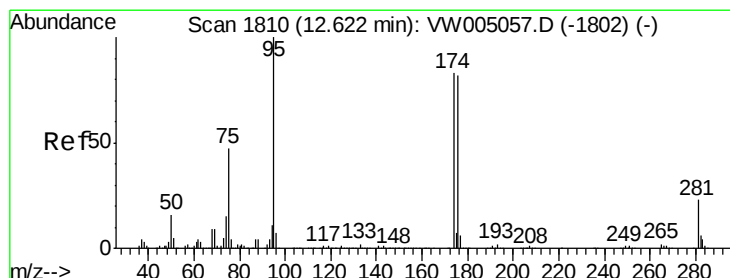
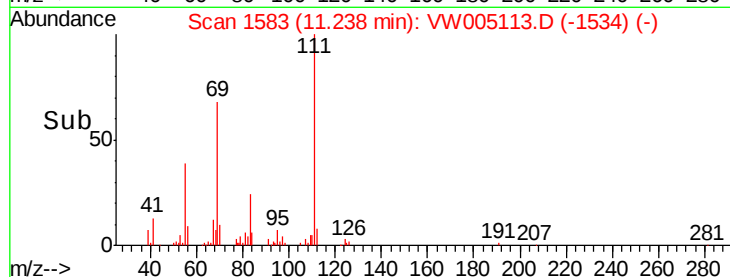
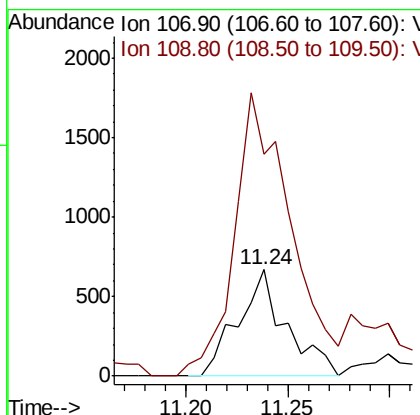
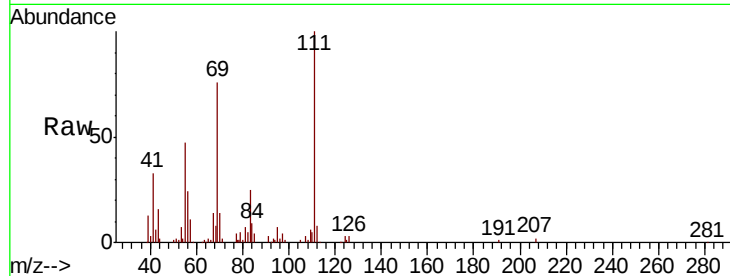




#61
 1,2-Dibromoethane
 Concen: 100.53 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005113.D
 Acq: 05 Sep 2018 07:15

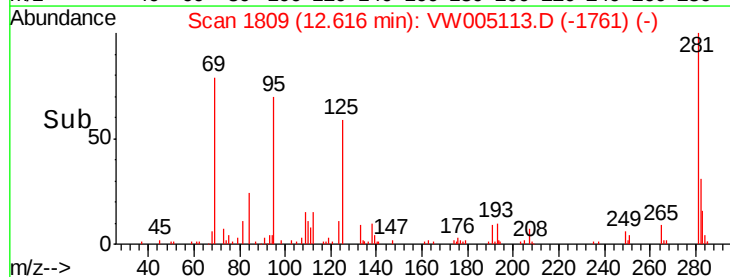
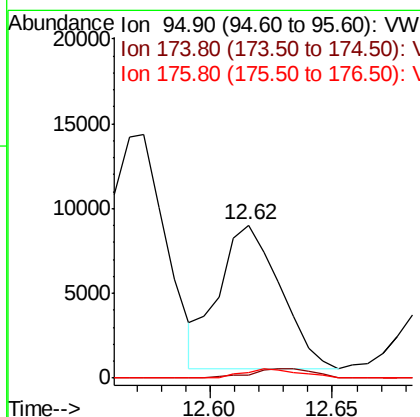
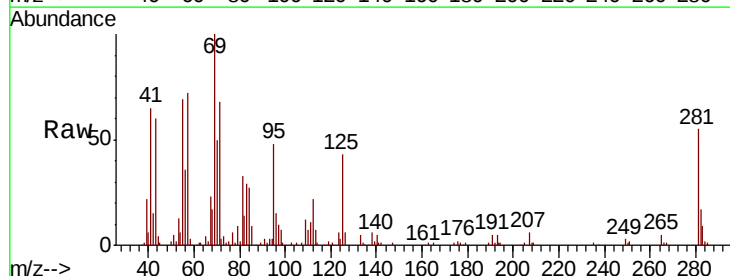
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

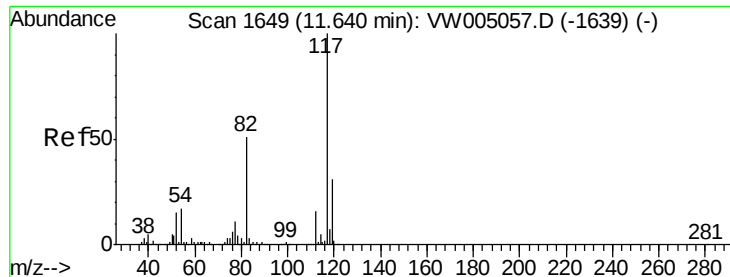
Tot Ion: 107 Resp: 1097
 Ion Ratio Lower Upper
 107 100
 109 308.5 75.9 113.9#



#62
 4-Bromofluorobenzene
 Concen: 677.88 ug/l
 RT: 12.62 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: VW005113.D
 Acq: 05 Sep 2018 07:15

Tgt Ion: 95 Resp: 14588
 Ion Ratio Lower Upper
 95 100
 174 6.9 0.0 173.4
 176 6.2 0.0 167.4

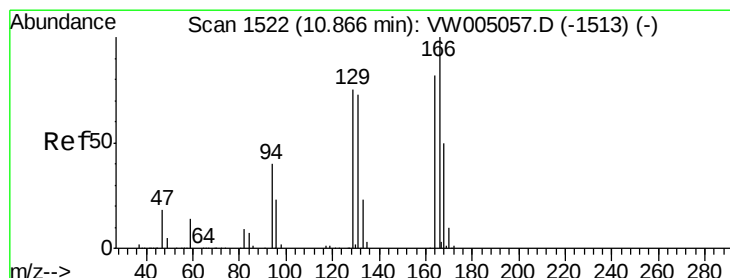
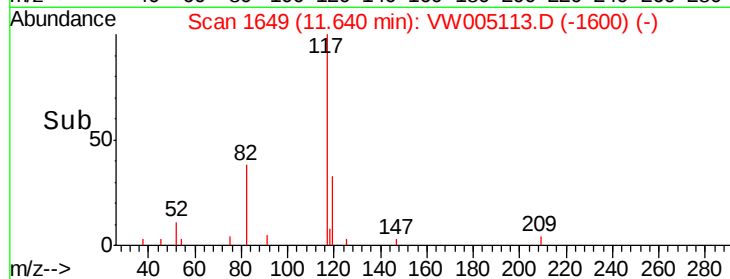
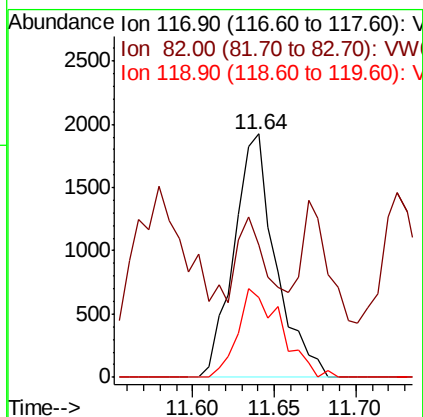
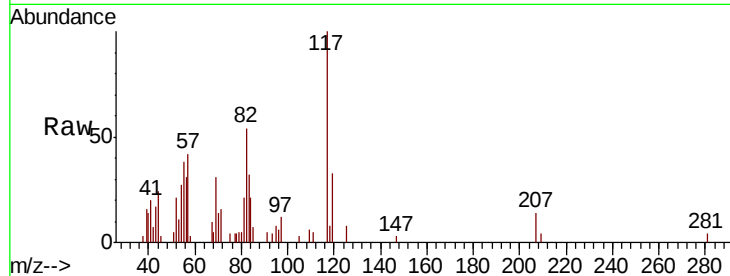




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

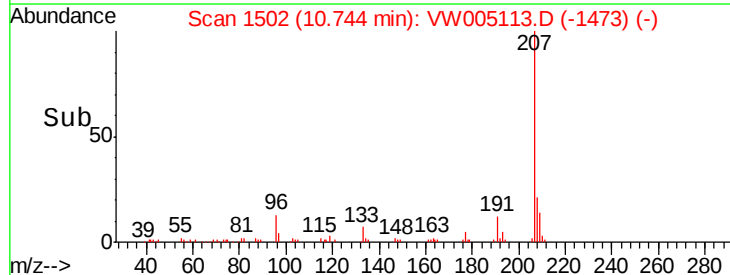
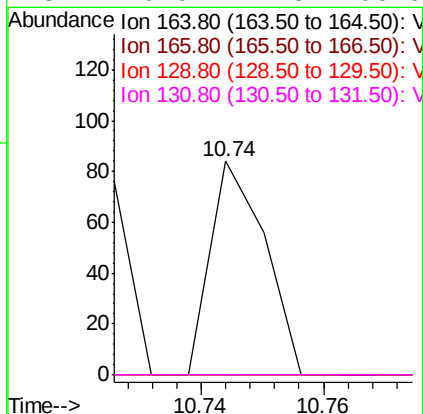
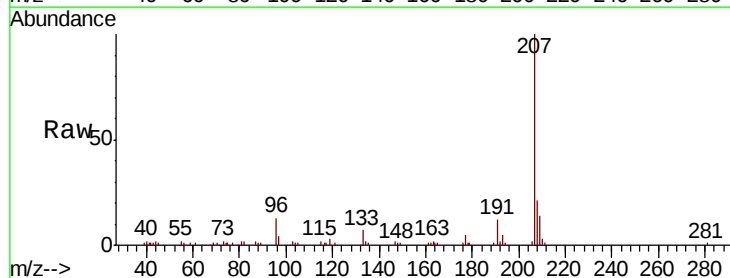
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

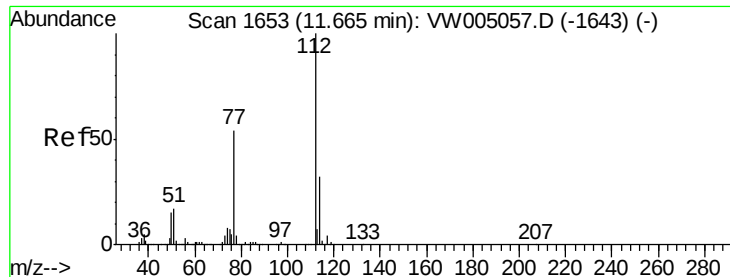
Tot Ion:117 Resp: 3426
Ion Ratio Lower Upper
117 100
82 17.2 40.9 61.3#
119 32.5 24.9 37.3



#64
Tetrachloroethene
Concen: 1.90 ug/l
RT: 10.74 min Scan# 1502
Delta R.T. -0.12 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion:164 Resp: 51
Ion Ratio Lower Upper
164 100
166 0.0 97.3 145.9#
129 0.0 73.1 109.7#
131 0.0 71.3 106.9#

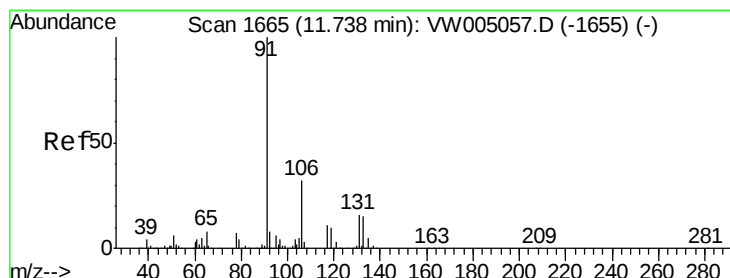
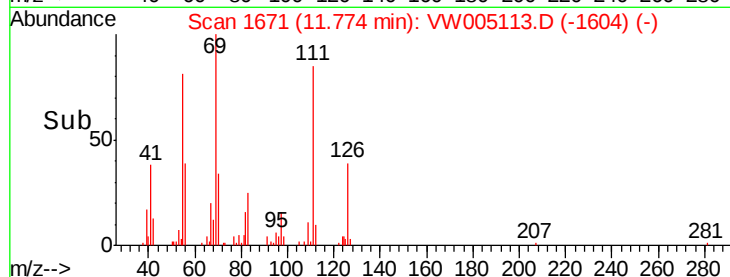
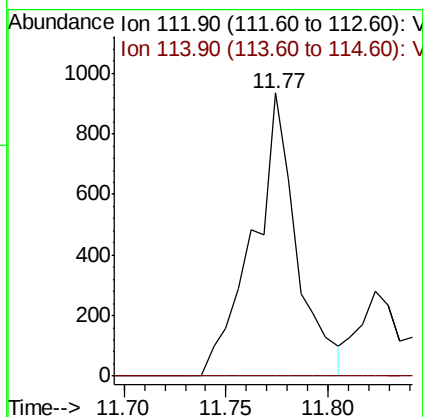
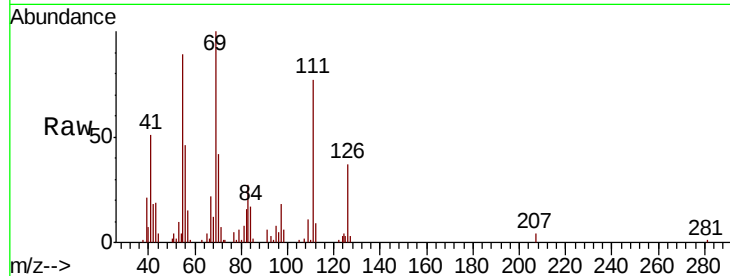




#65
Chlorobenzene
Concen: 18.00 ug/l
RT: 11.77 min Scan# 1671
Delta R.T. 0.11 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

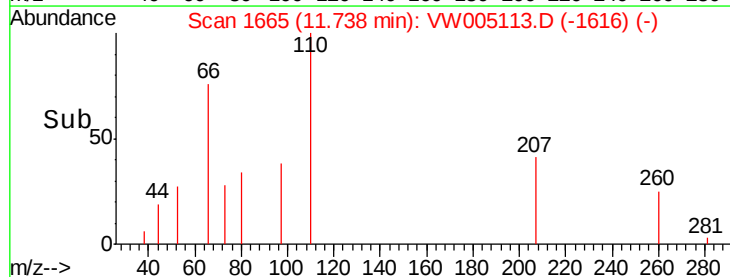
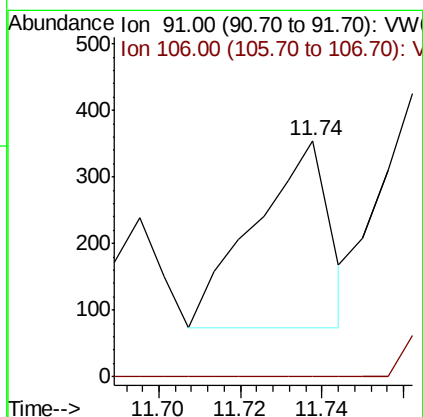
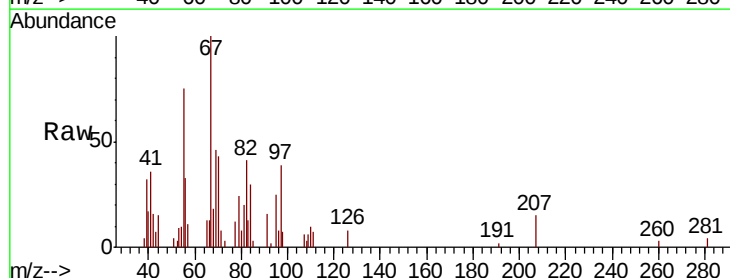
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

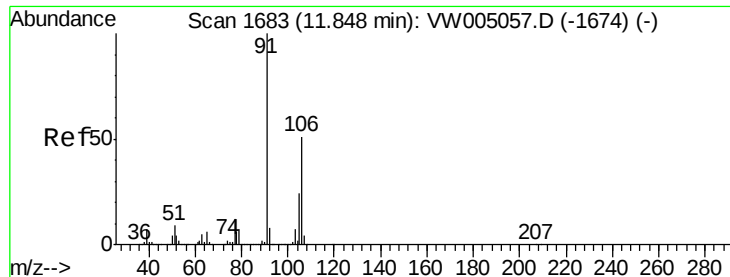
Tot Ion:112 Resp: 1388
Ion Ratio Lower Upper
112 100
114 0.0 26.0 39.0#



#67
Ethyl Benzene
Concen: 2.76 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion: 91 Resp: 360
Ion Ratio Lower Upper
91 100
106 0.0 25.3 37.9#





#68

m/p-Xvlenes

Concen: 1.93 ug/l

RT: 11.83 min Scan# 1680

Delta R.T. -0.02 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

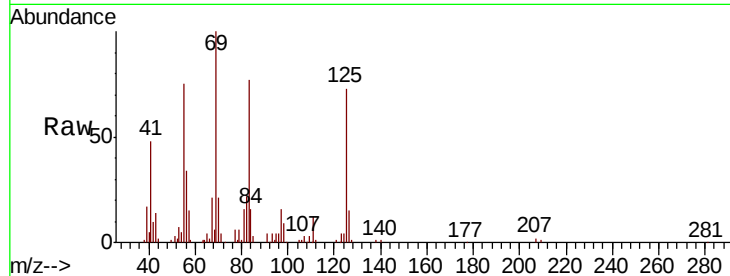
EP1-MW-F(10-15)

Tot Ion:106 Resp: 101

Ion Ratio Lower Upper

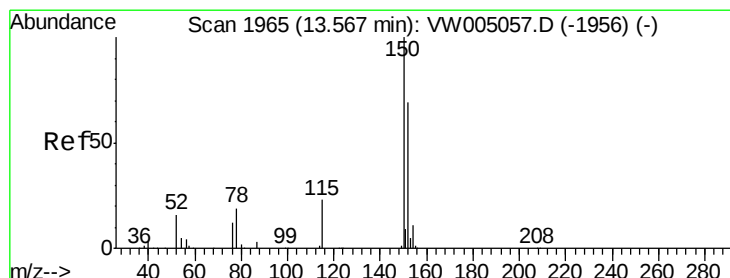
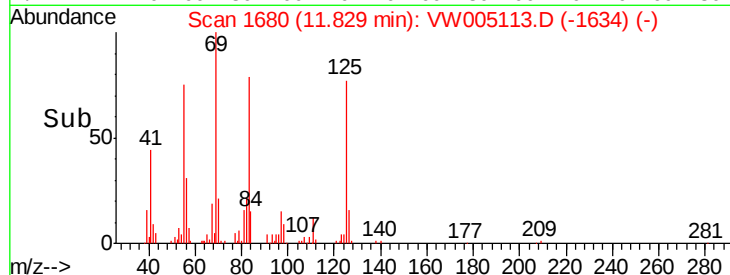
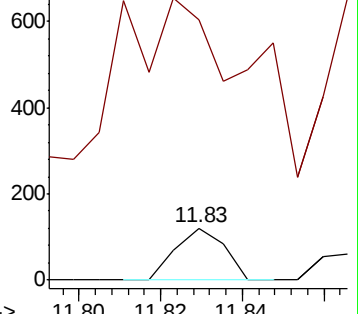
106 100

91 1375.2 158.4 237.6#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.54 min Scan# 1961

Delta R.T. -0.02 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

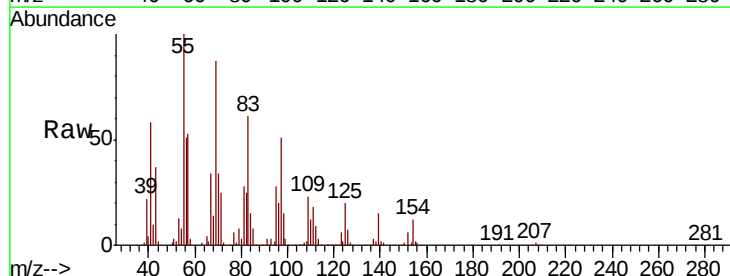
Tgt Ion:152 Resp: 8731

Ion Ratio Lower Upper

152 100

115 0.0 27.8 83.4#

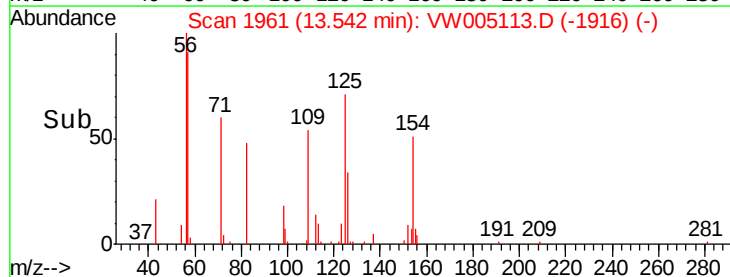
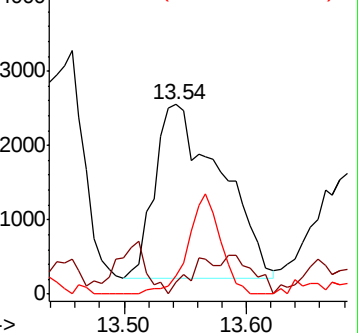
150 0.0 0.0 351.4

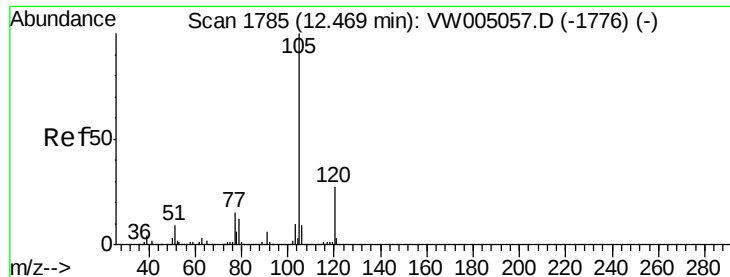


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.58 ug/l

RT: 12.46 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

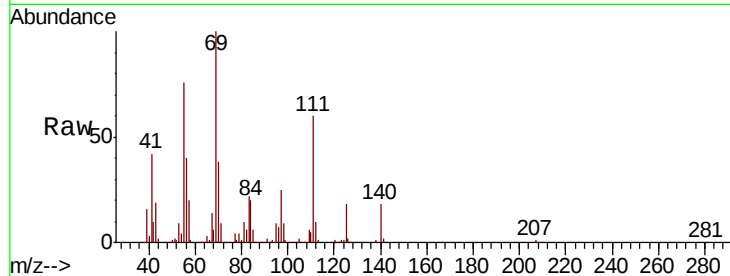
EP1-MW-F(10-15)

Tot Ion:105 Resp: 2202

Ion Ratio Lower Upper

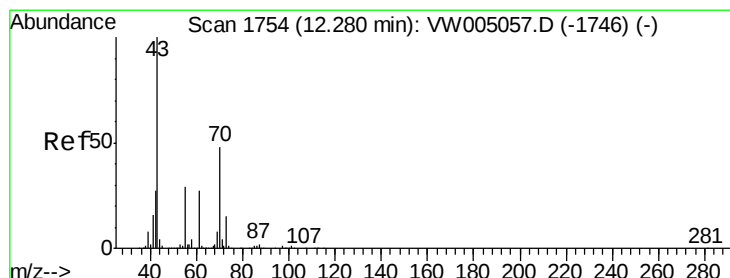
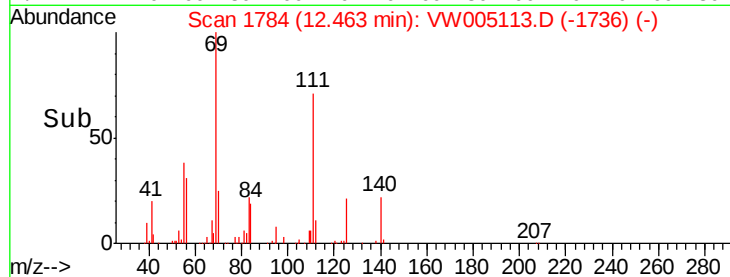
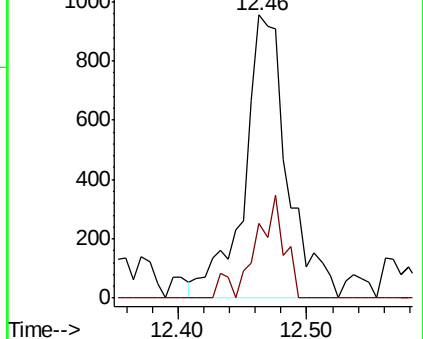
105 100

120 22.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1890.96 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Tgt Ion: 43 Resp: 200448

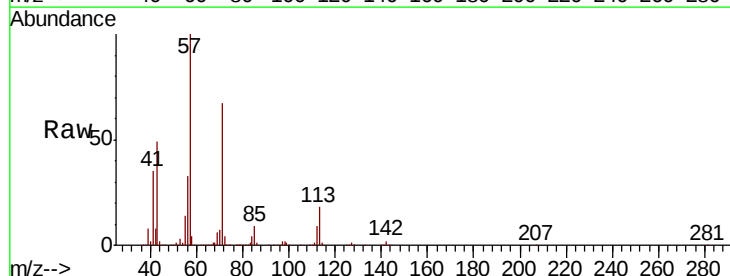
Ion Ratio Lower Upper

43 100

70 18.3 38.2 57.4#

55 31.2 23.2 34.8

61 0.0 20.6 31.0#

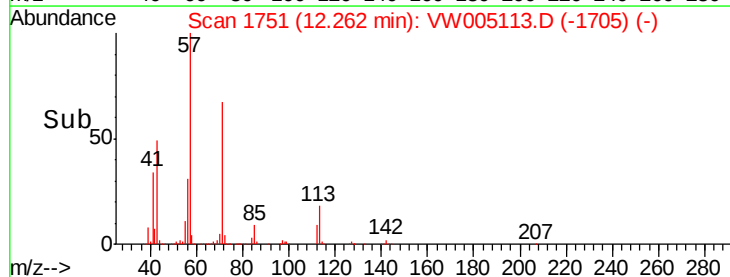
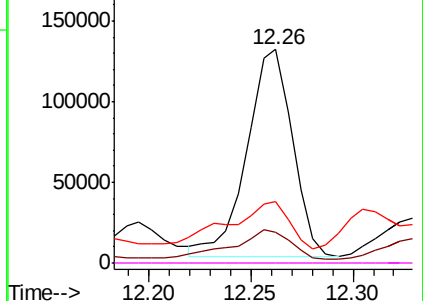


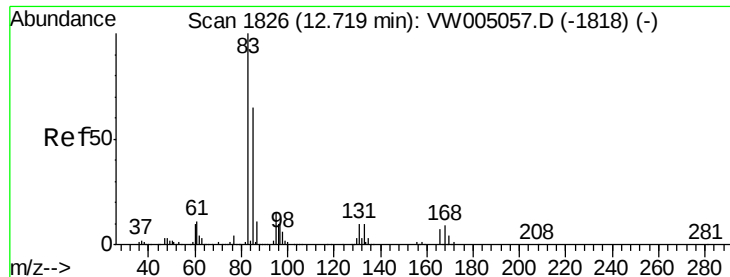
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 193.10 ug/l

RT: 12.70 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

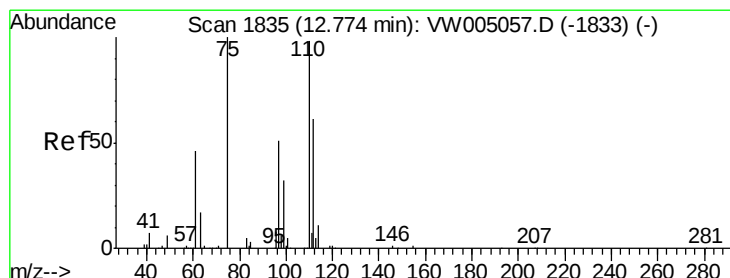
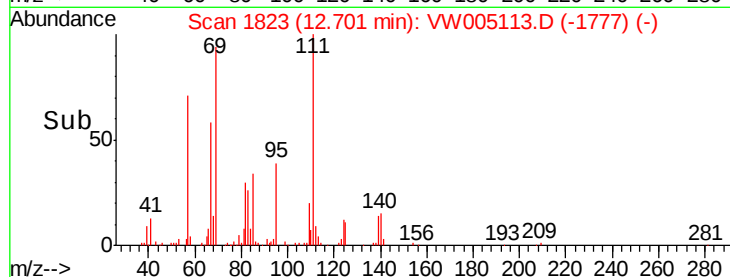
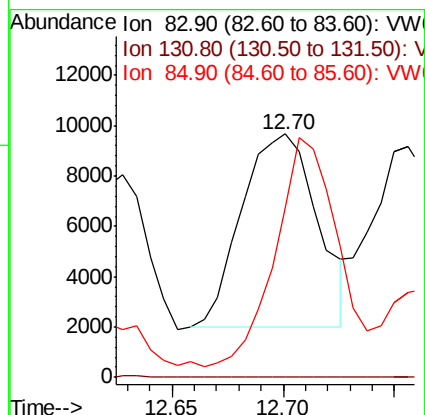
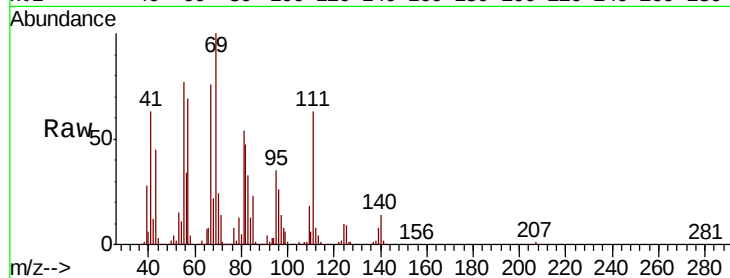
Tot Ion: 83 Resp: 18097

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 95.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 3.52 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005113.D

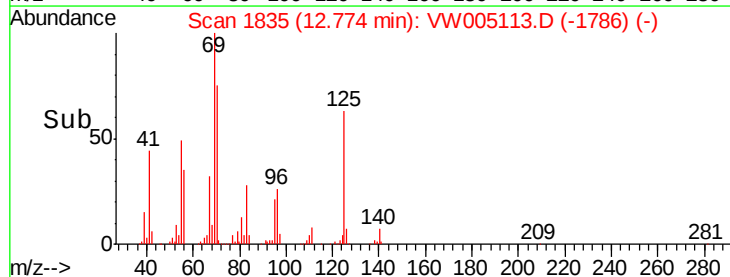
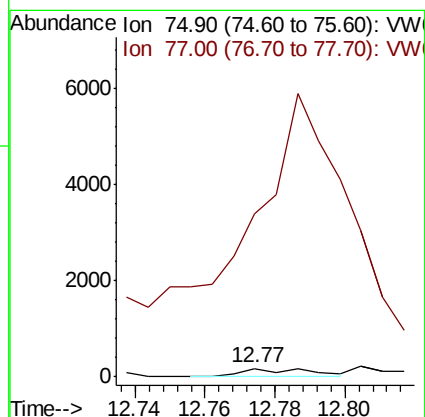
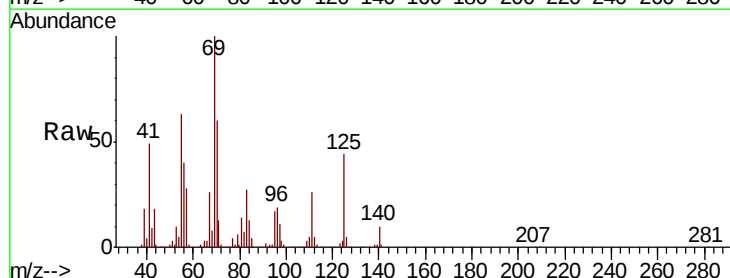
Acq: 05 Sep 2018 07:15

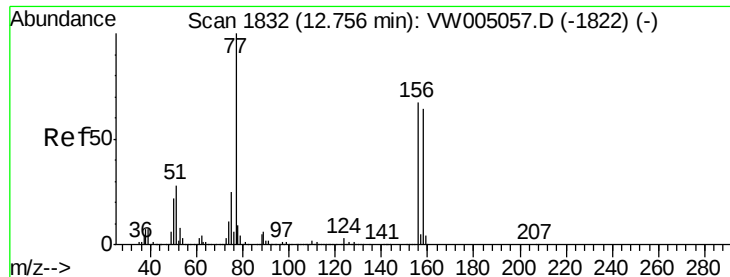
Tgt Ion: 75 Resp: 231

Ion Ratio Lower Upper

75 100

77 4845.0 0.0 0.0#





#77

Bromobenzene

Concen: 2.20 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.03 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

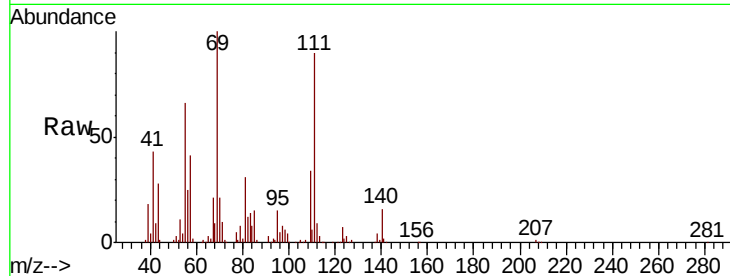
Tot Ion:156 Resp: 333

Ion Ratio Lower Upper

156 100

77 1506.6 85.8 257.4#

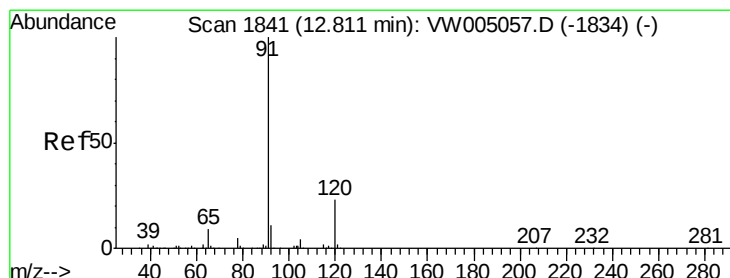
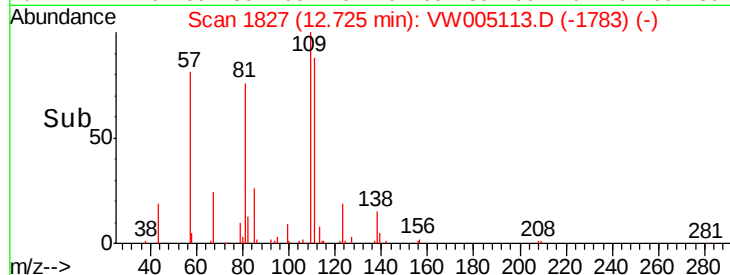
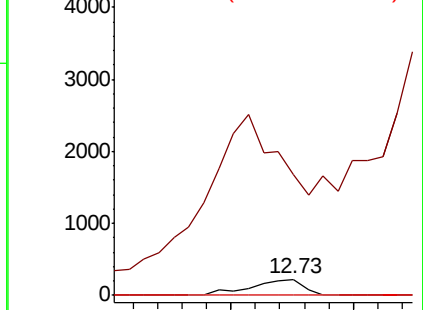
158 0.0 48.1 144.4#



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: 15.03 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005113.D

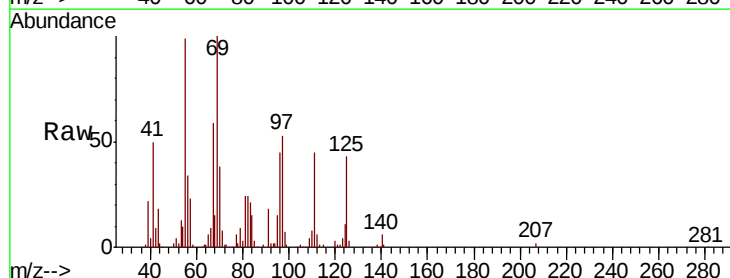
Acq: 05 Sep 2018 07:15

Tgt Ion: 91 Resp: 11169

Ion Ratio Lower Upper

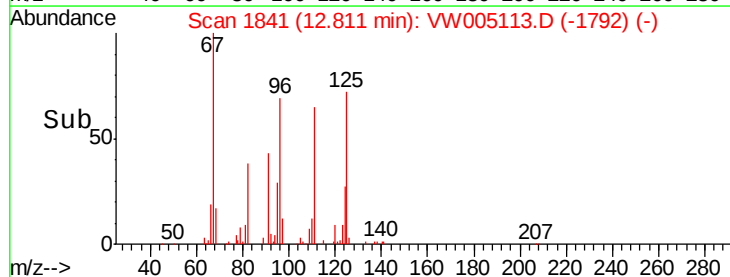
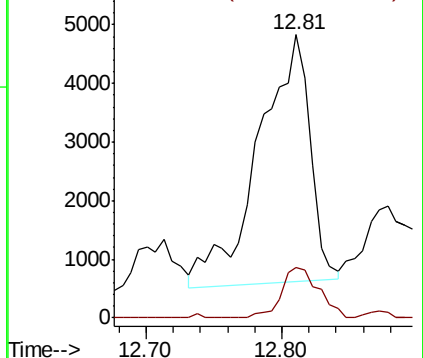
91 100

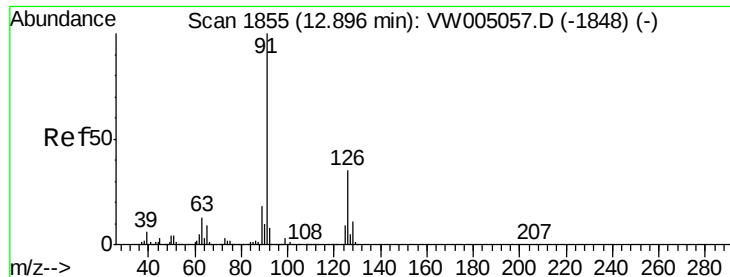
120 14.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.37 ug/l

RT: 12.94 min Scan# 1863

Delta R.T. 0.05 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

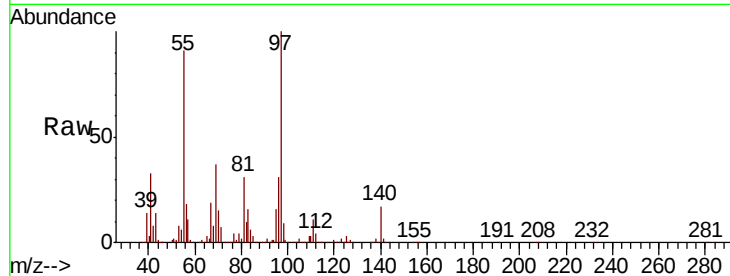
EP1-MW-F(10-15)

Tot Ion: 91 Resp: 10134

Ion Ratio Lower Upper

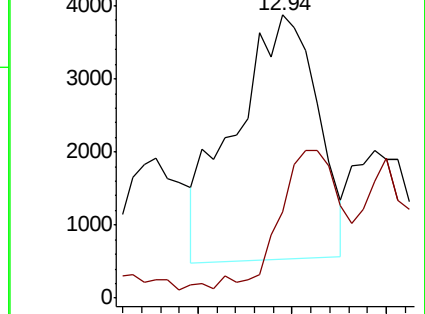
91 100

126 39.3 17.3 52.0

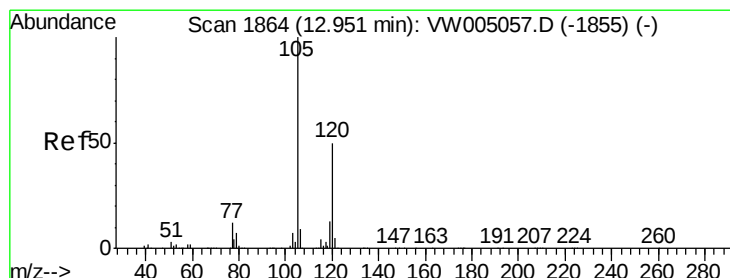
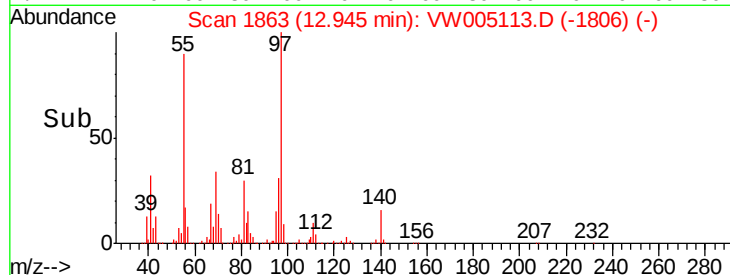


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 16.32 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005113.D

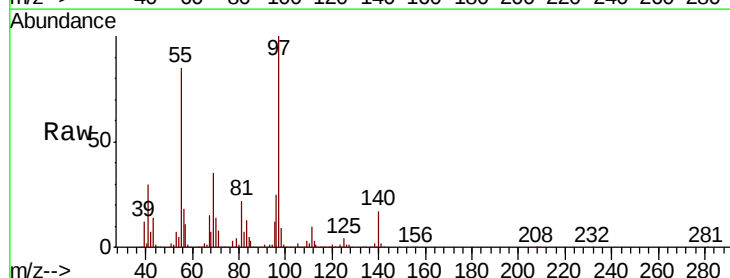
Acq: 05 Sep 2018 07:15

Tgt Ion:105 Resp: 8688

Ion Ratio Lower Upper

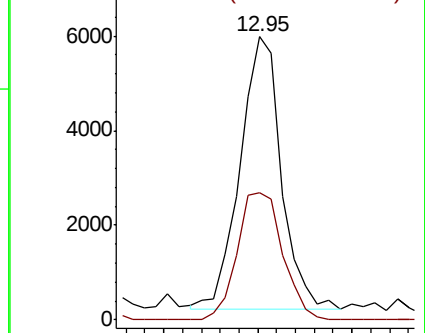
105 100

120 51.7 24.9 74.8

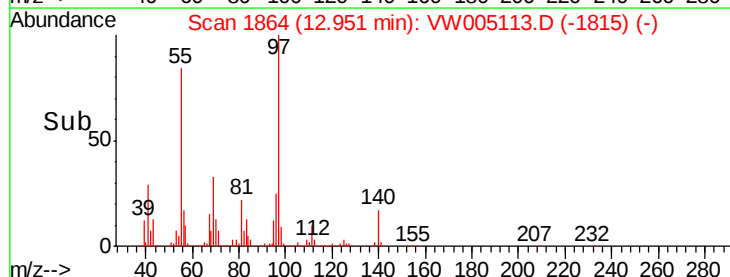


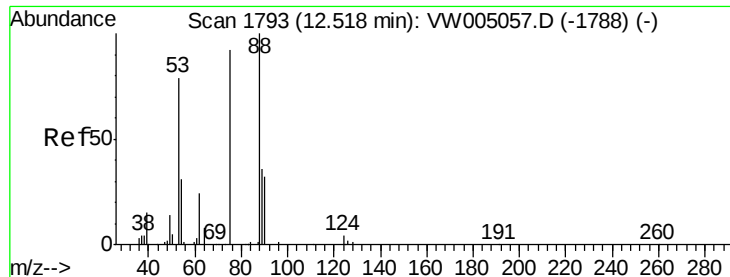
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

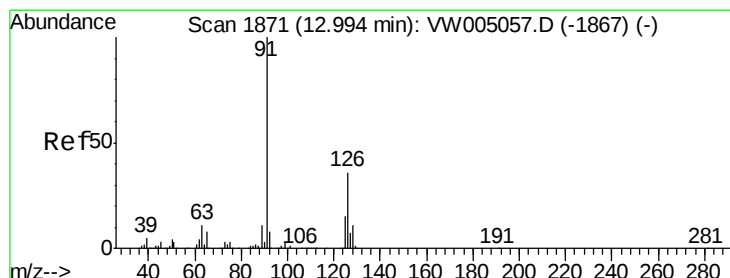
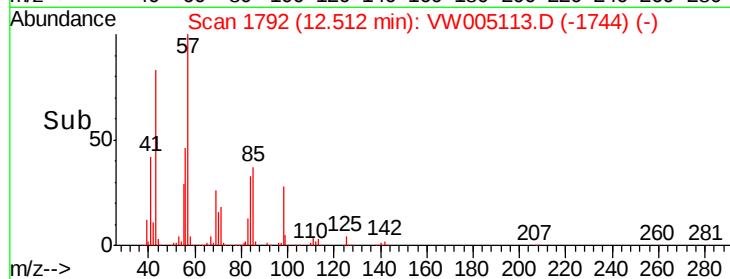
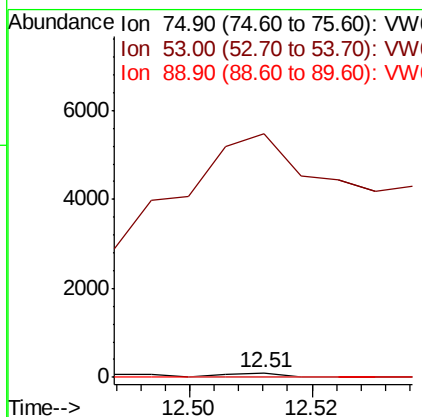
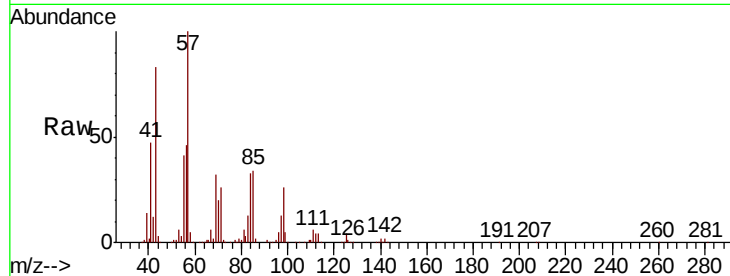




#81
trans-1,4-Dichloro-2-butene
Concen: 2.17 ug/l
RT: 12.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

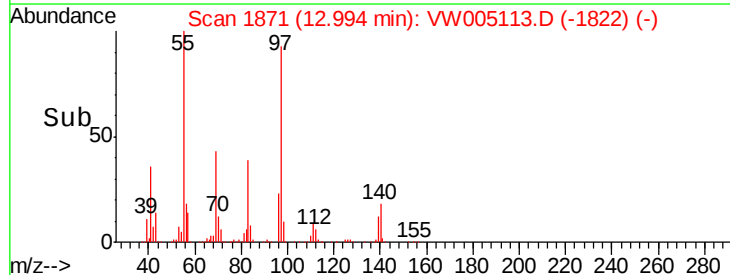
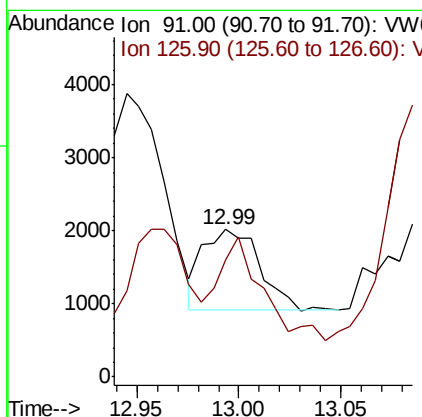
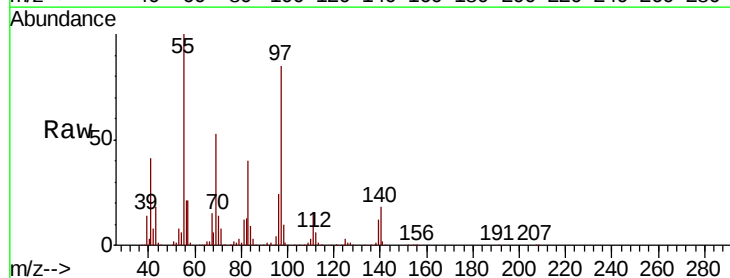
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

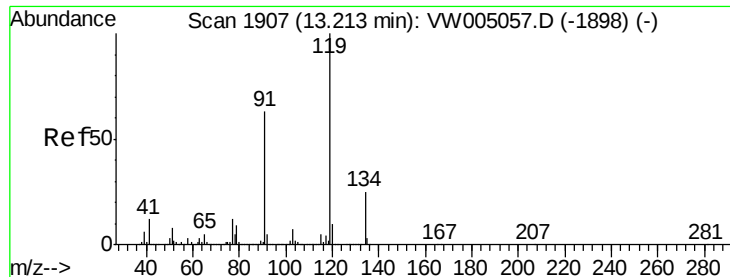
Tot Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
53 28069.5 69.8 104.8#
89 0.0 36.0 54.0#



#82
4-Chlorotoluene
Concen: 4.61 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion: 91 Resp: 2109
Ion Ratio Lower Upper
91 100
126 157.4 17.4 52.3#

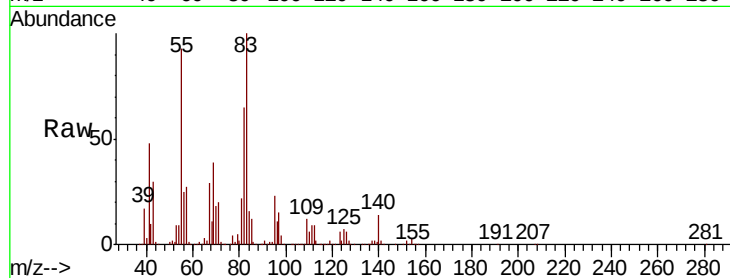




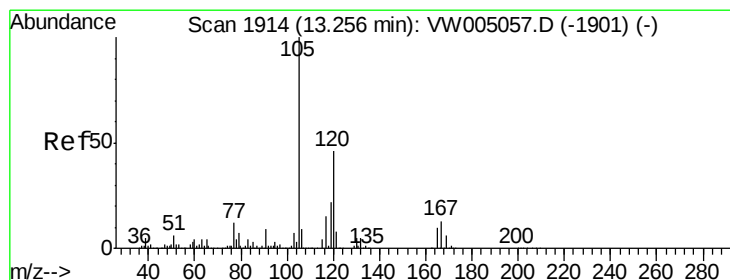
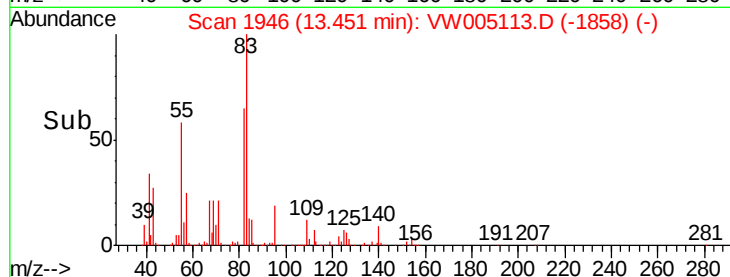
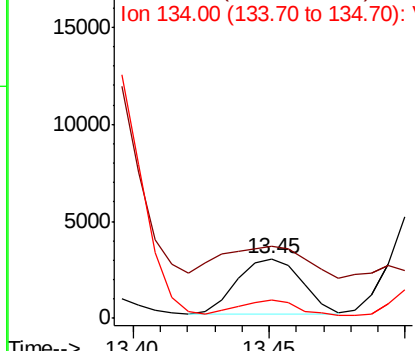
#83
tert-Butylbenzene
Concen: 10.62 ug/l
RT: 13.45 min Scan# 1946
Delta R.T. 0.24 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

Tot Ion:119 Resp: 4723
Ion Ratio Lower Upper
119 100
91 74.0 31.8 95.4
134 25.4 13.0 39.0

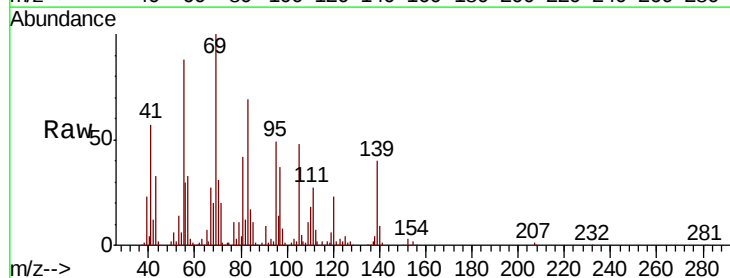


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

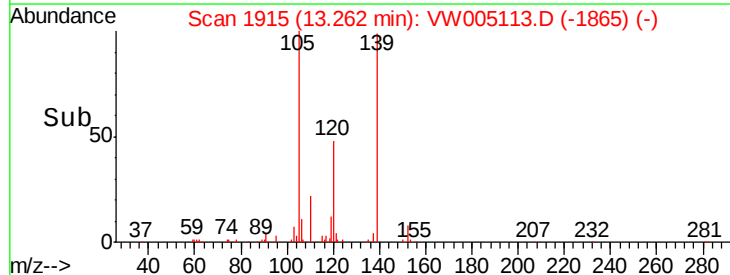
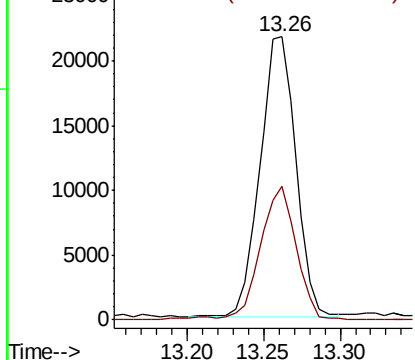


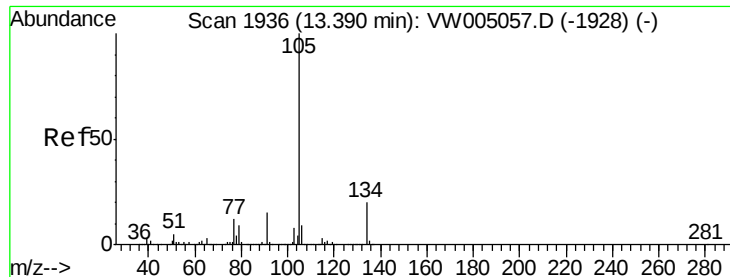
#84
1,2,4-Trimethylbenzene
Concen: 65.23 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW005113.D
Acq: 05 Sep 2018 07:15

Tgt Ion:105 Resp: 35369
Ion Ratio Lower Upper
105 100
120 48.2 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: 146.20 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

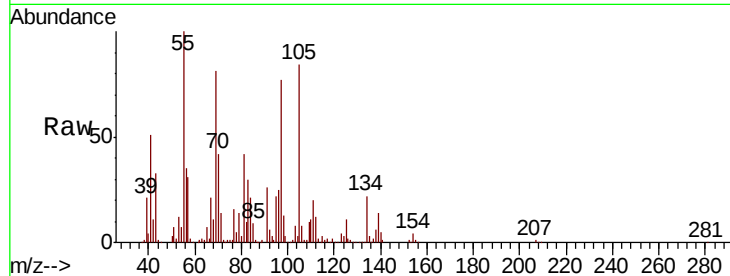
EP1-MW-F(10-15)

Tot Ion:105 Resp: 95525

Ion Ratio Lower Upper

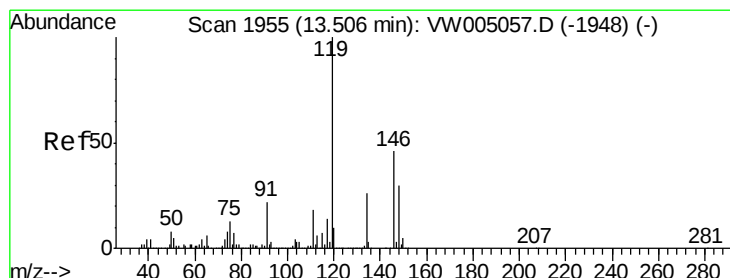
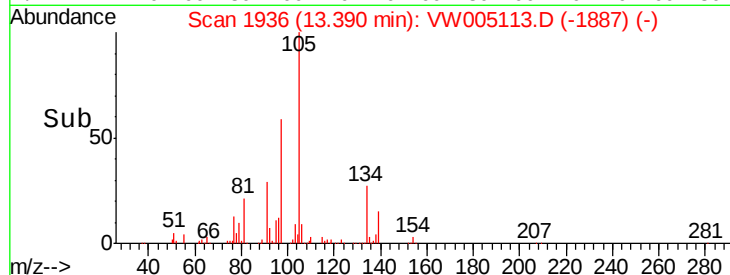
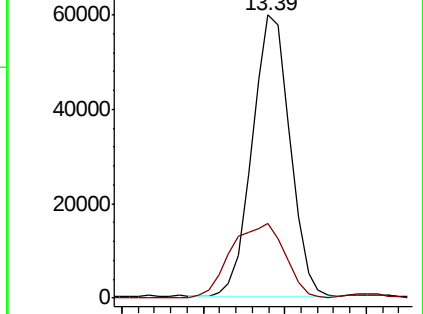
105 100

134 38.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.98 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

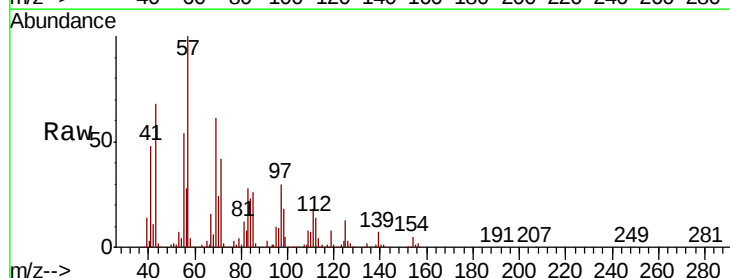
Tgt Ion:119 Resp: 10398

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.8

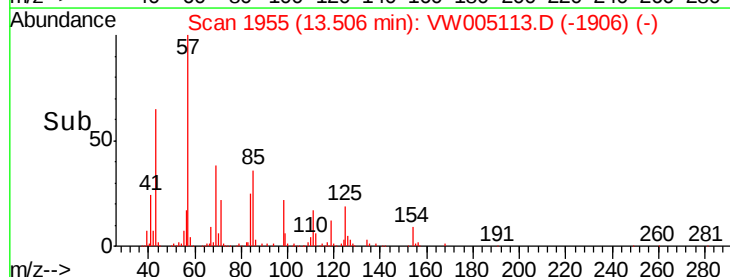
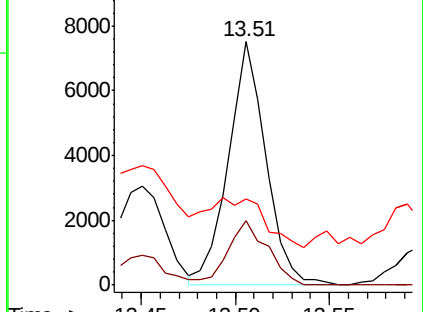
91 29.6 10.9 32.9

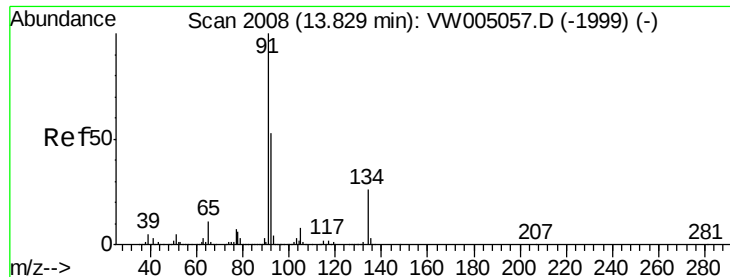


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 57.42 ug/l

RT: 13.81 min Scan# 2005

Delta R.T. -0.02 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

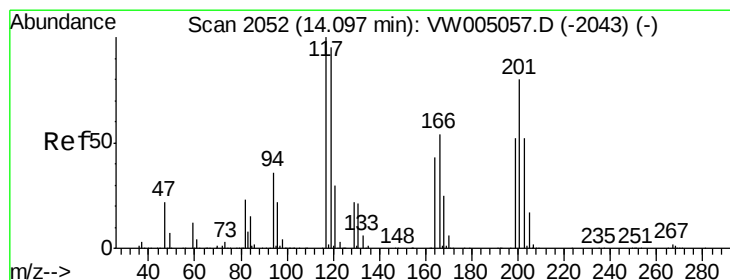
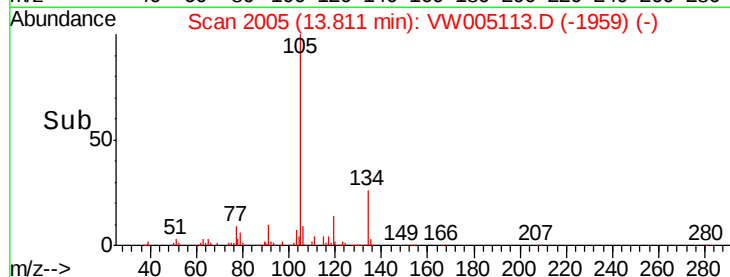
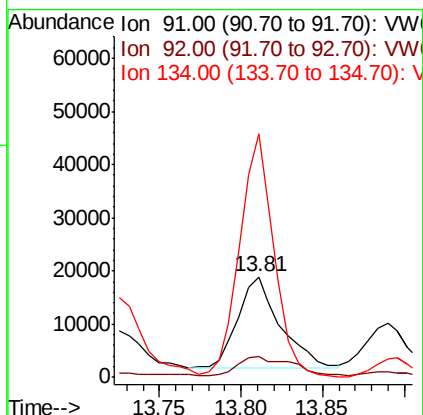
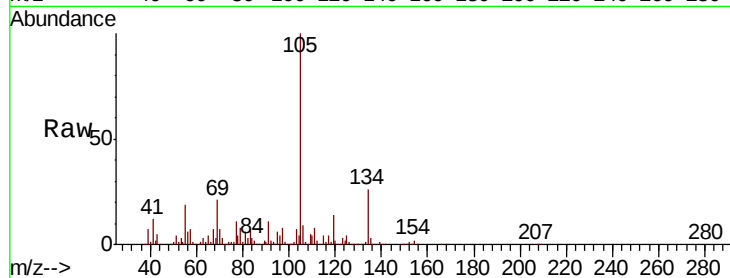
Tot Ion: 91 Resp: 30780

Ion Ratio Lower Upper

91 100

92 26.5 26.5 79.5#

134 217.2 13.5 40.4#



#90

Hexachloroethane

Concen: 156.55 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW005113.D

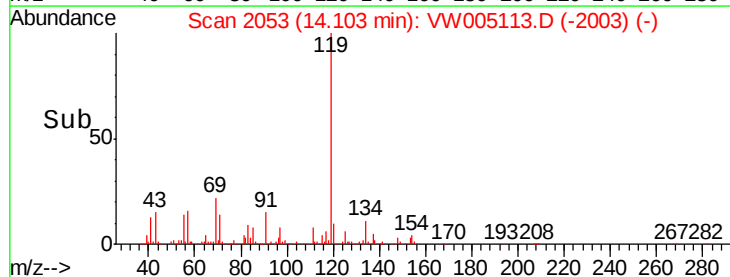
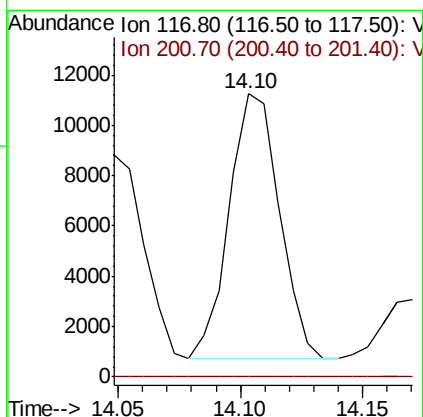
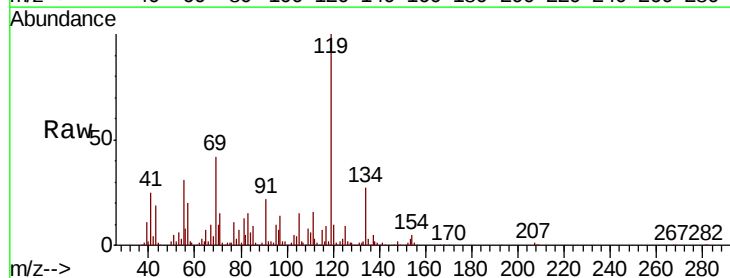
Acq: 05 Sep 2018 07:15

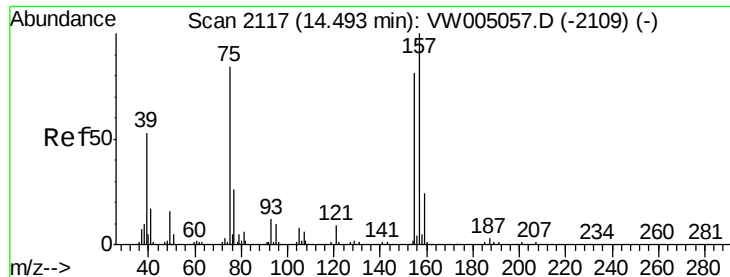
Tgt Ion: 117 Resp: 15040

Ion Ratio Lower Upper

117 100

201 0.0 44.6 133.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 36.80 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

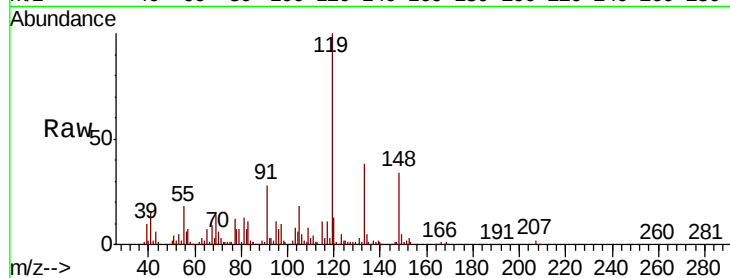
Tot Ion: 75 Resp: 539

Ion Ratio Lower Upper

75 100

155 0.0 46.0 137.8#

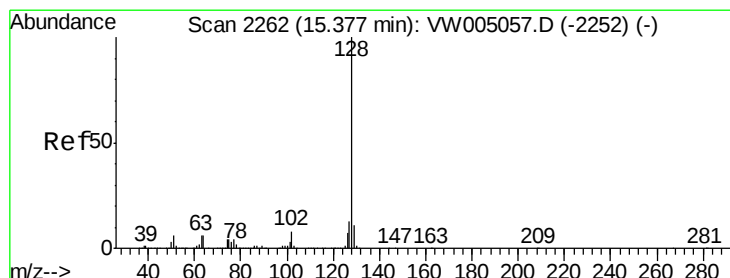
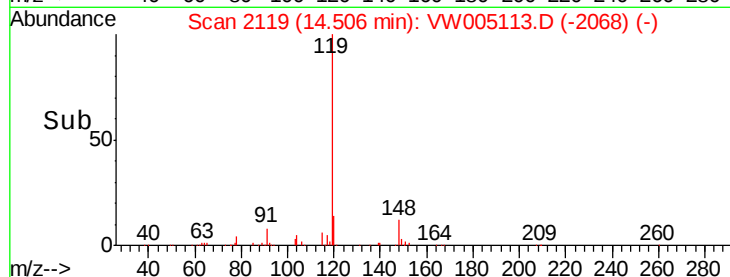
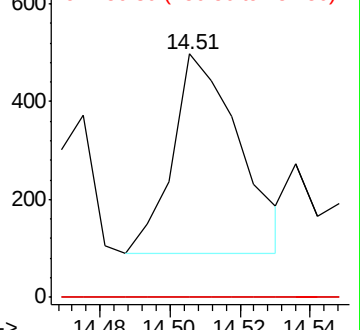
157 0.0 58.6 175.7#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 4.47 ug/l

RT: 15.37 min Scan# 2260

Delta R.T. -0.01 min

Lab File: VW005113.D

Acq: 05 Sep 2018 07:15

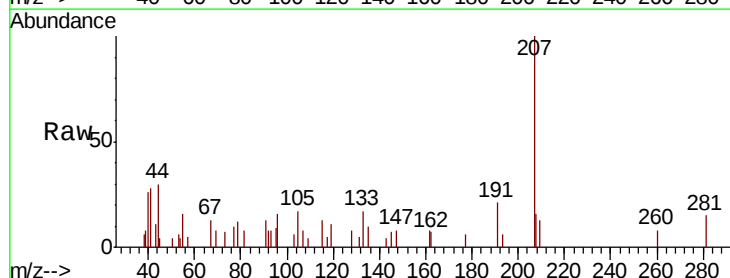
Tgt Ion: 128 Resp: 168

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

