

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003908.D
 Acq On : 12 Jul 2018 20:07
 Operator : SY/AP
 Sample : J3947-01
 Misc : 4.42G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 05:55:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	161323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	271239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	76450	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	114298	54.18	ug/l	0.00
Spiked Amount			Recovery	=	108.36%	
35) Dibromofluoromethane	7.88	113	96330	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.33	98	321871	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	
62) 4-Bromofluorobenzene	12.63	95	82127	31.26	ug/l	0.00
Spiked Amount			Recovery	=	62.52%	

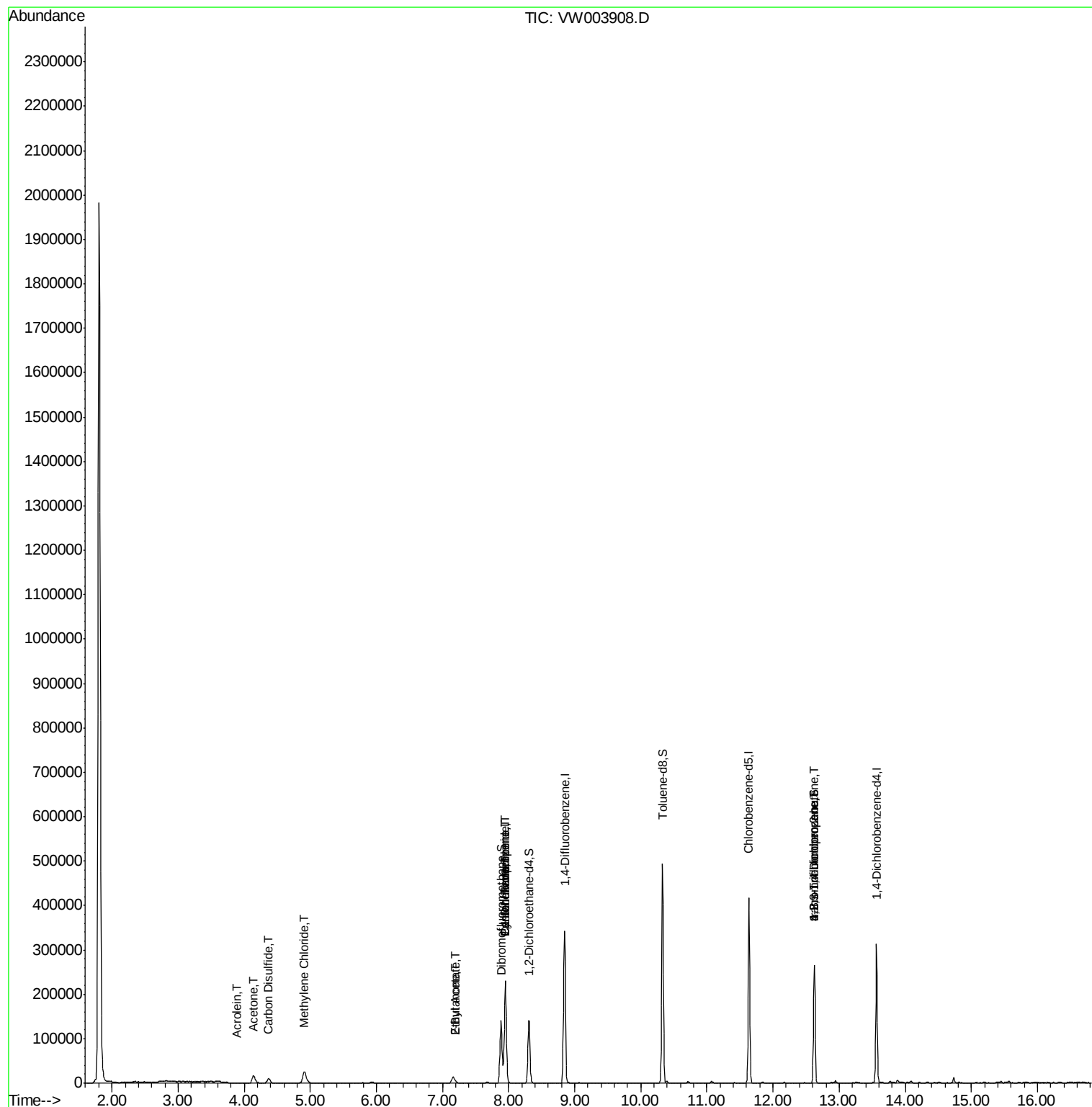
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.89	56	62	5.062	ug/l	84
16) Acetone	4.14	43	32568	88.979	ug/l	97
17) Carbon Disulfide	4.37	76	22597	4.548	ug/l	97
20) Methylene Chloride	4.90	84	21814	8.599	ug/l	92
25) 2-Butanone	7.20	43	5996	10.459	ug/l	91
31) Cyclohexane	7.95	56	4016	1.305	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	14074	4.890	ug/l #	49
37) Ethyl Acetate	7.20	43	5996	4.282	ug/l #	70
38) Carbon Tetrachloride	7.95	117	17085	6.244	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	44730	59.582	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	44730	145.752	ug/l #	8

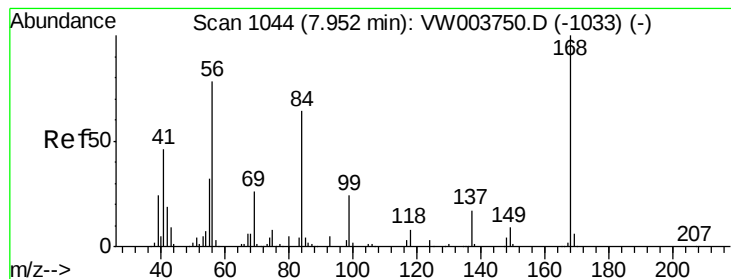
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071218\
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QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003908.D

Acq: 12 Jul 2018 20:07

Instrument :

MSVOA_W

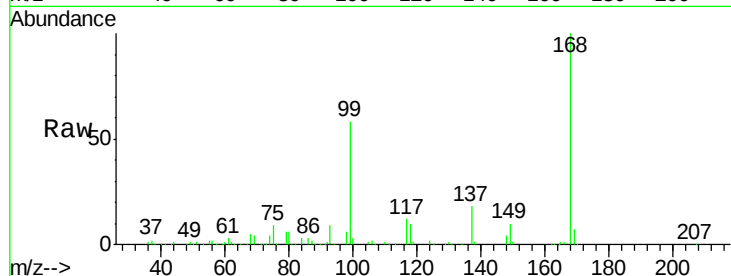
ClientSampled :

Tot Ion:168 Resp: 161323

Ion Ratio Lower Upper

168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

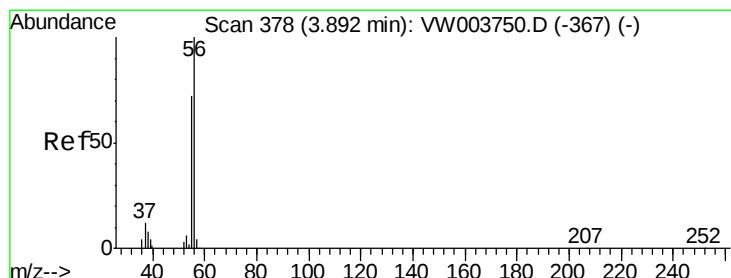
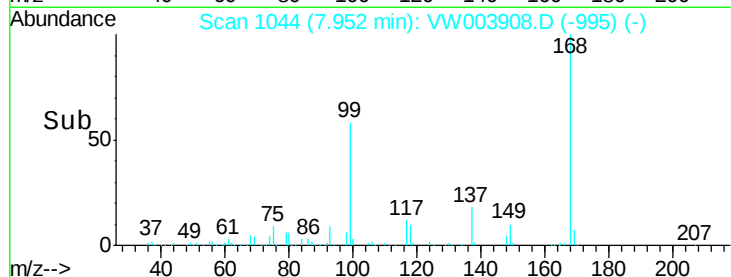
40000

20000

0

7.90 8.00

Time-->



#13

Acrolein

Concen: 5.062 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003908.D

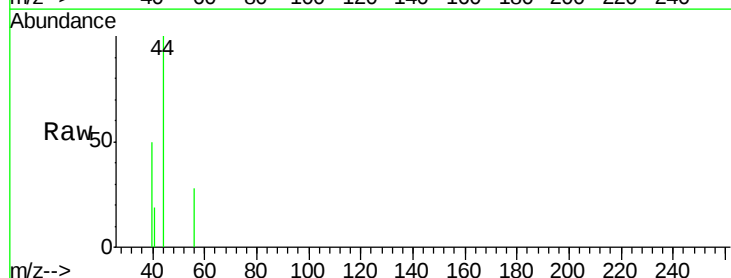
Acq: 12 Jul 2018 20:07

Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 85.5 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

120

100

80

60

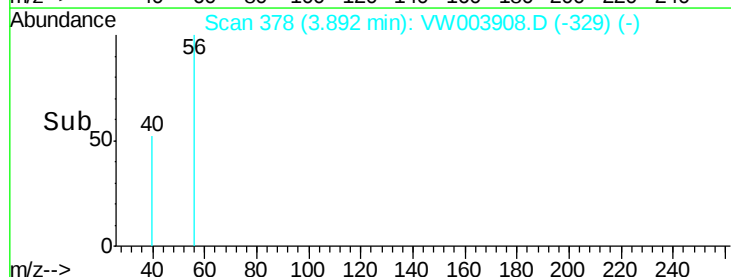
40

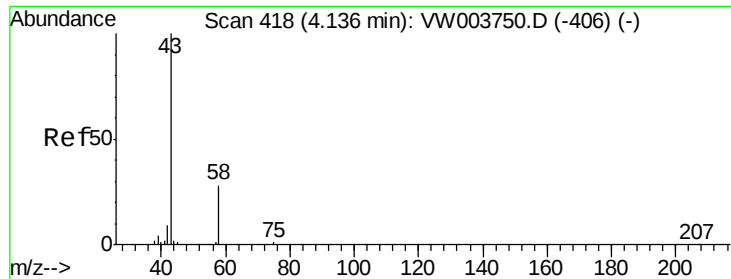
20

0

3.88 3.90 3.92

Time-->

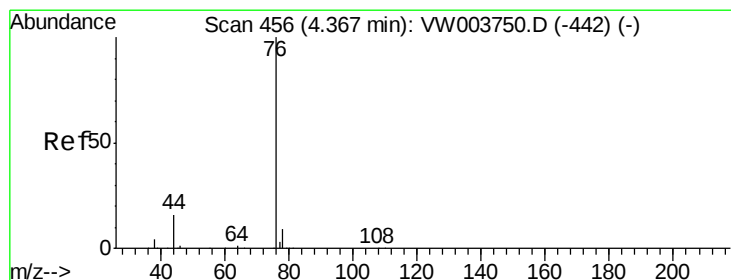
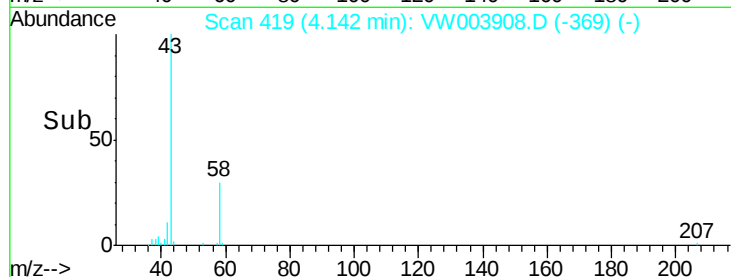
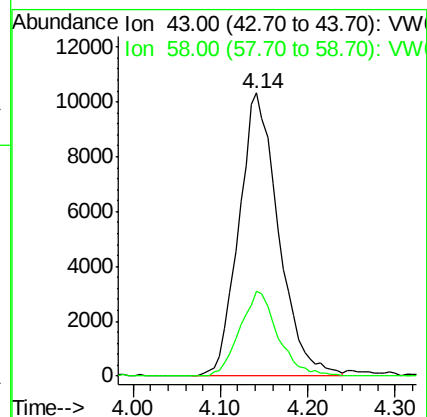
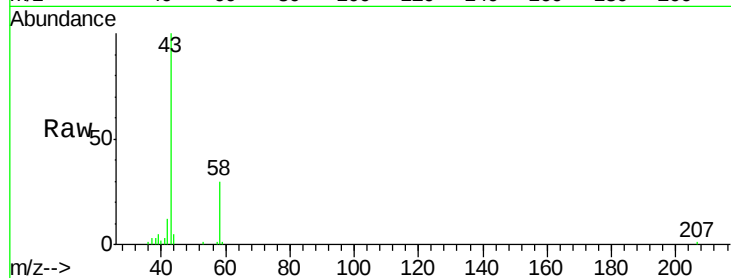




#16
Acetone
Concen: 88.979 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW003908.D
Acq: 12 Jul 2018 20:07

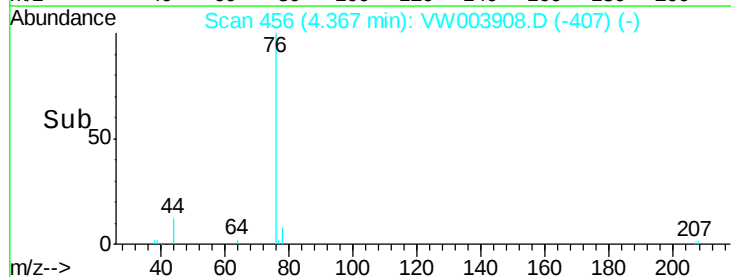
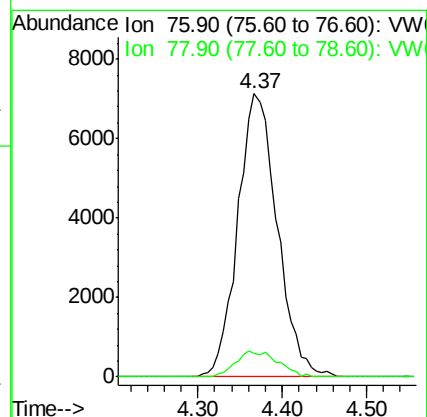
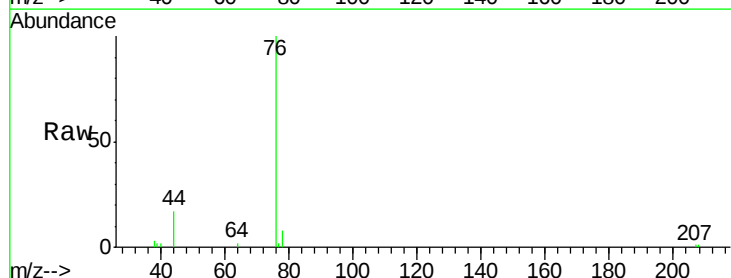
Instrument :
MSVOA_W
ClientSampled :

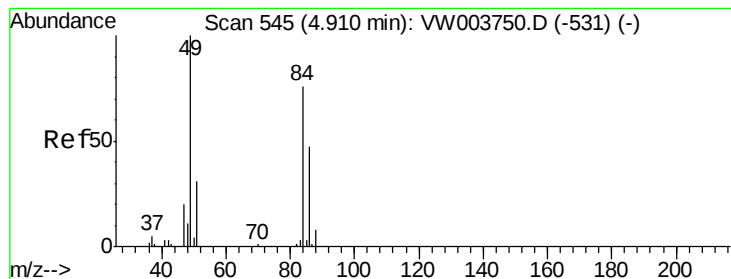
Tot Ion: 43 Resp: 32568
Ion Ratio Lower Upper
43 100
58 30.0 22.6 34.0



#17
Carbon Disulfide
Concen: 4.548 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003908.D
Acq: 12 Jul 2018 20:07

Tgt Ion: 76 Resp: 22597
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2





#20

Methvlene Chloride

Concen: 8.599 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003908.D

Acq: 12 Jul 2018 20:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 21814

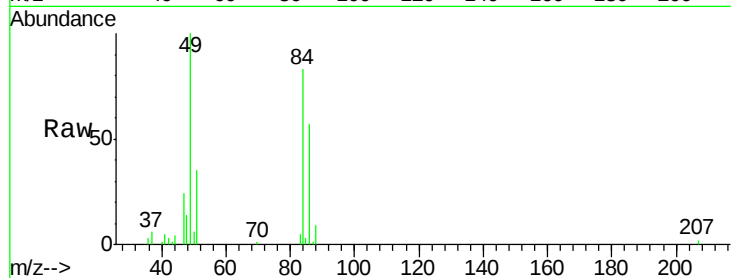
Ion	Ratio	Lower	Upper
84	100		
49	120.8	105.1	157.7
51	42.6	32.5	48.7
86	69.0	49.8	74.6

84 100

49 120.8 105.1 157.7

51 42.6 32.5 48.7

86 69.0 49.8 74.6



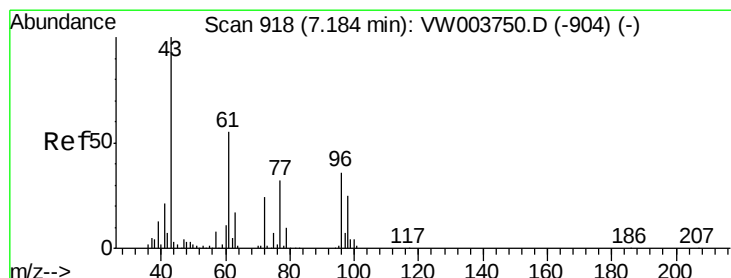
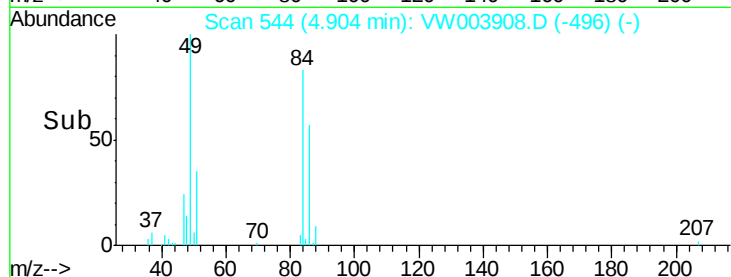
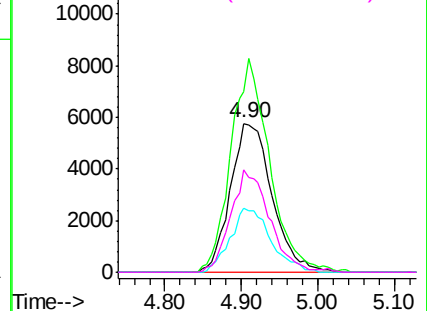
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 10.459 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003908.D

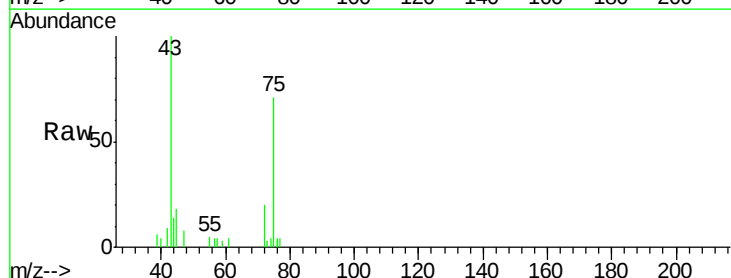
Acq: 12 Jul 2018 20:07

Tgt Ion: 43 Resp: 5996

Ion	Ratio	Lower	Upper
43	100		
72	20.0	19.4	29.2

43 100

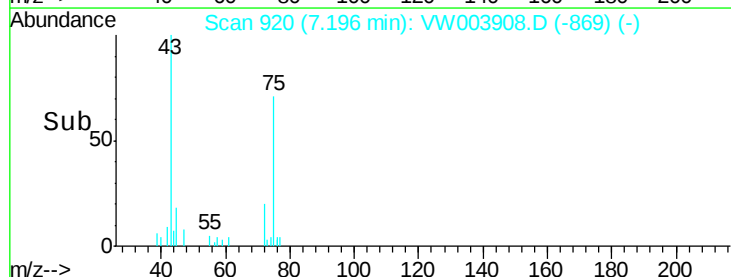
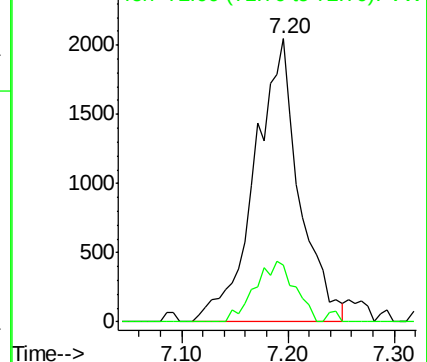
72 20.0 19.4 29.2

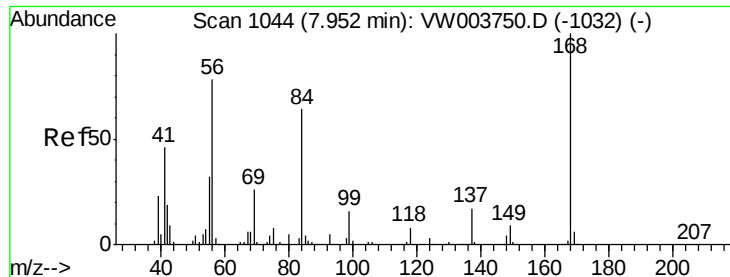


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

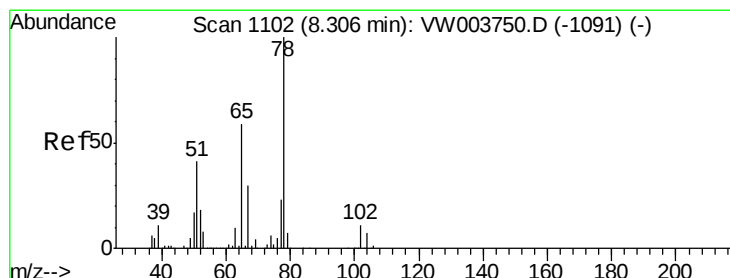
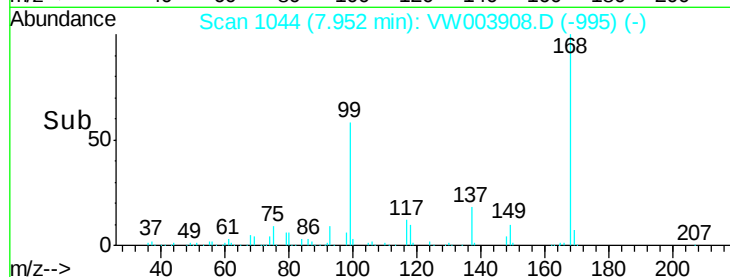
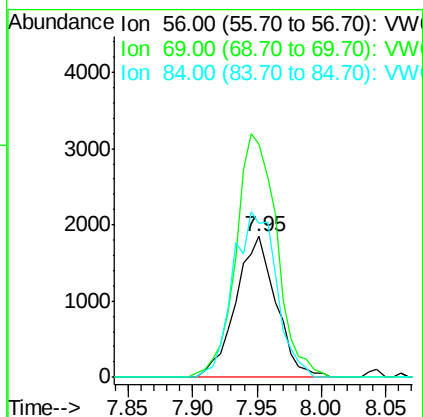
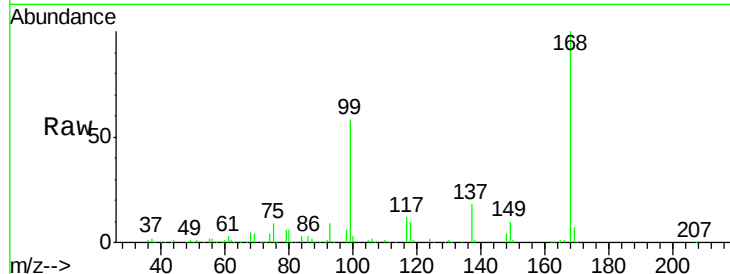




#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003908.D
Acq: 12 Jul 2018 20:07

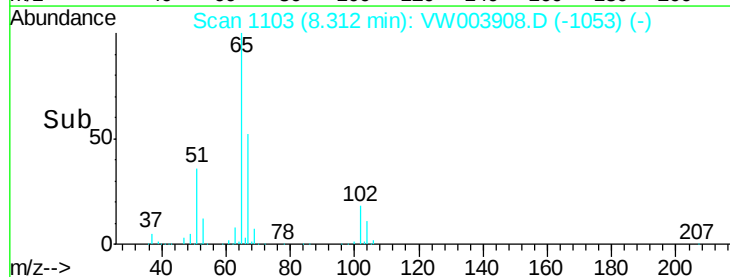
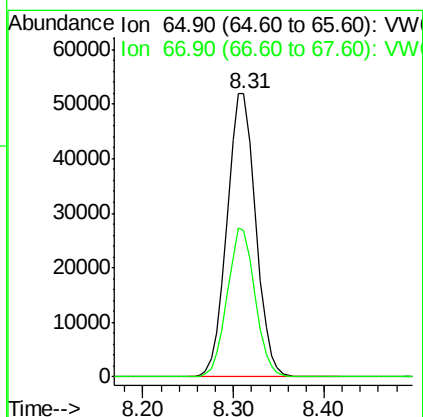
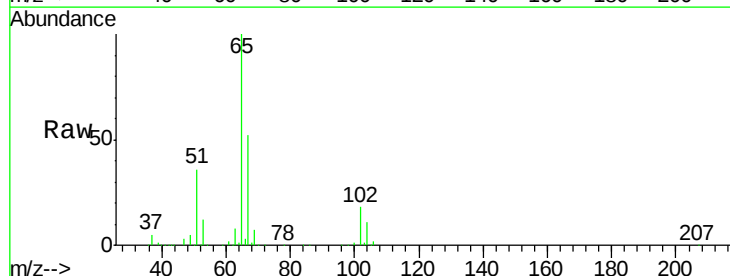
Instrument :
MSVOA_W
ClientSampled :

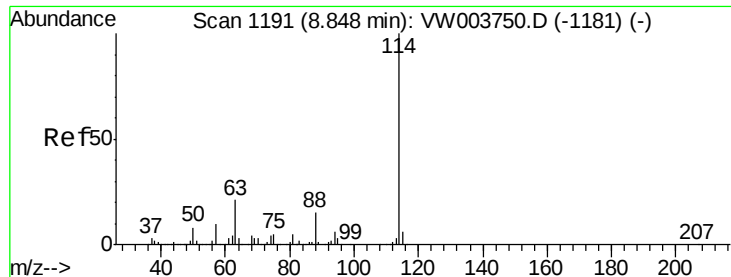
Tot Ion: 56 Resp: 4016
Ion Ratio Lower Upper
56 100
69 166.3 26.2 39.4#
84 109.3 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 54.178 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003908.D
Acq: 12 Jul 2018 20:07

Tgt Ion: 65 Resp: 114298
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003908.D

Acq: 12 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

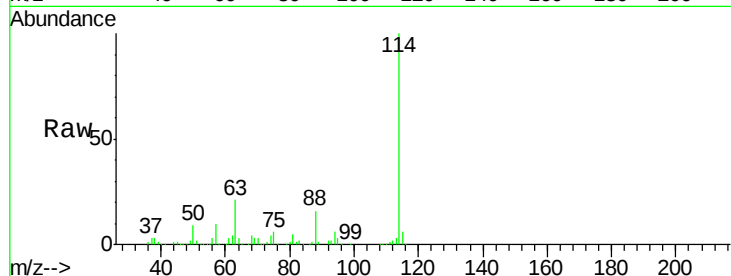
Tot Ion:114 Resp: 271239

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

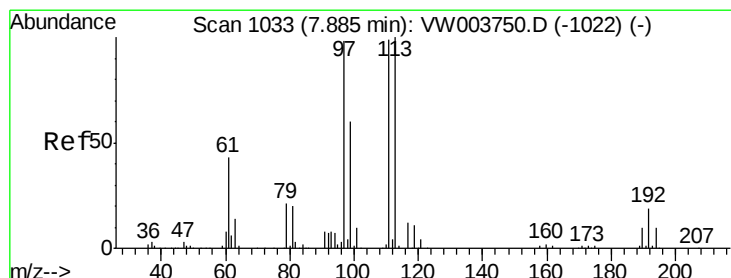
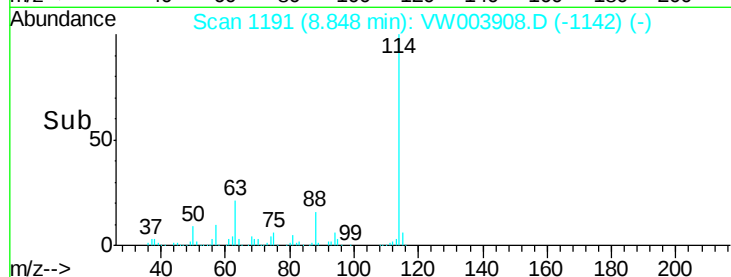
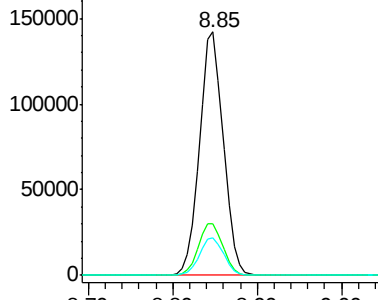
88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 50.744 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003908.D

Acq: 12 Jul 2018 20:07

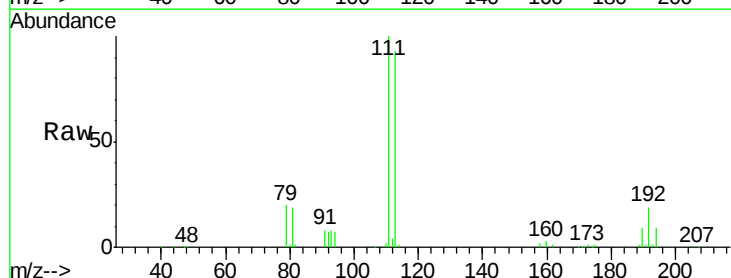
Tgt Ion:113 Resp: 96330

Ion Ratio Lower Upper

113 100

111 104.5 81.7 122.5

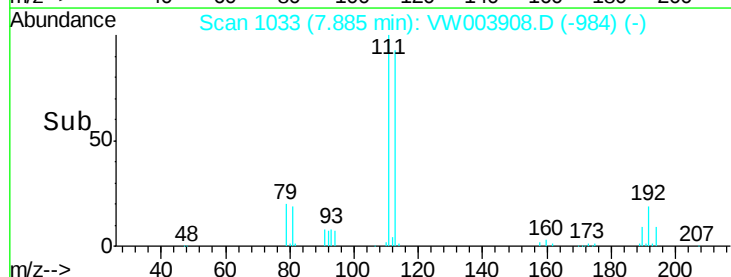
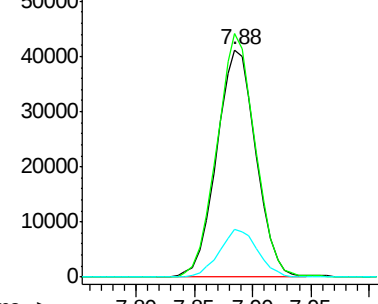
192 20.5 15.8 23.8

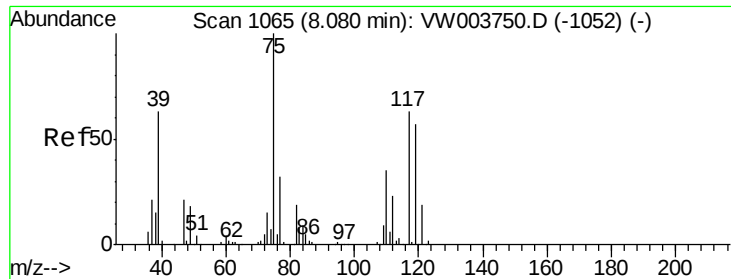


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.890 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW003908.D

Acq: 12 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampled :

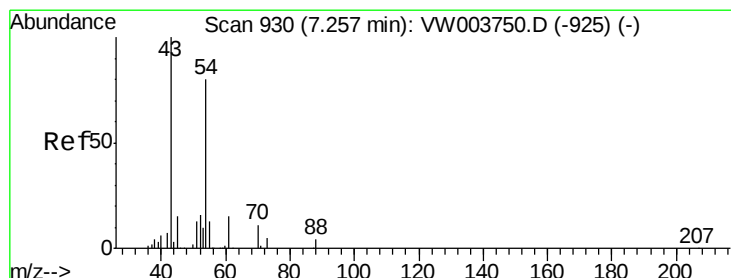
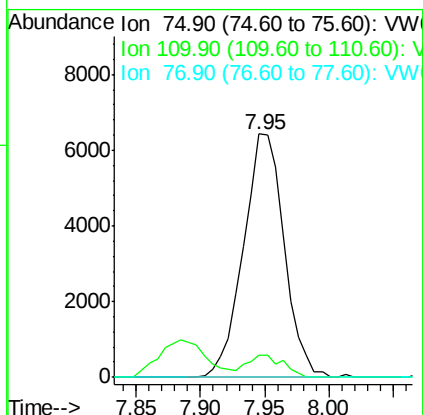
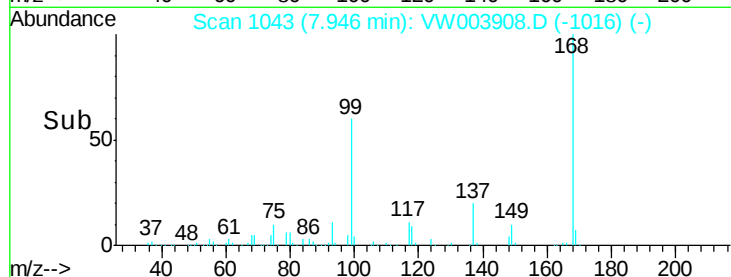
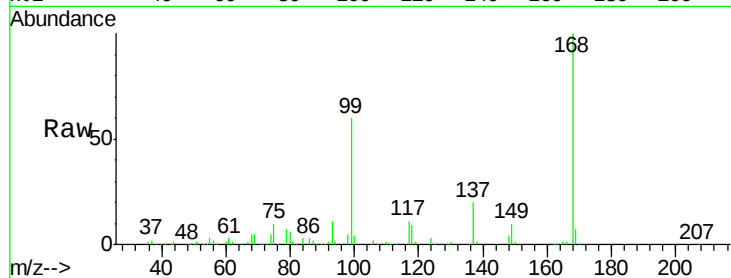
Tot Ion: 75 Resp: 14074

Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.6#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 4.282 ug/l

RT: 7.20 min Scan# 920

Delta R.T. -0.06 min

Lab File: VW003908.D

Acq: 12 Jul 2018 20:07

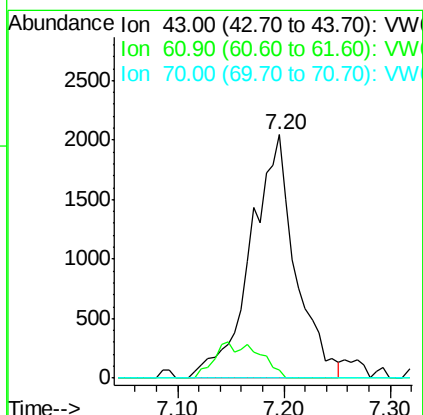
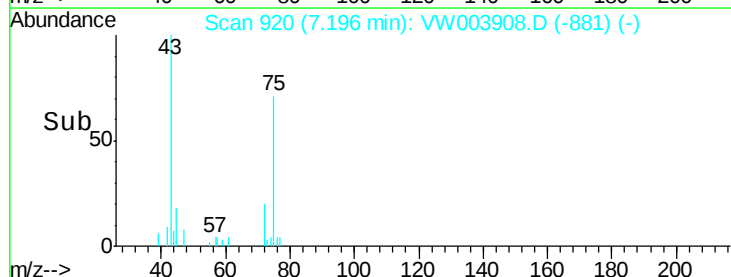
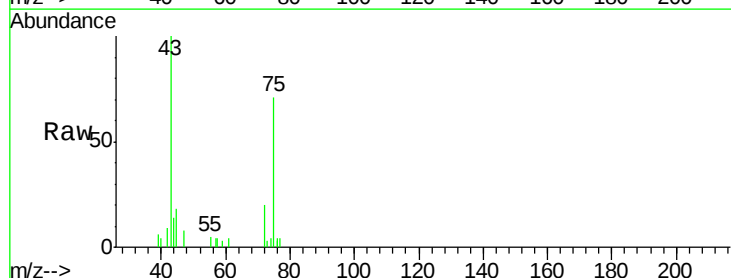
Tgt Ion: 43 Resp: 5996

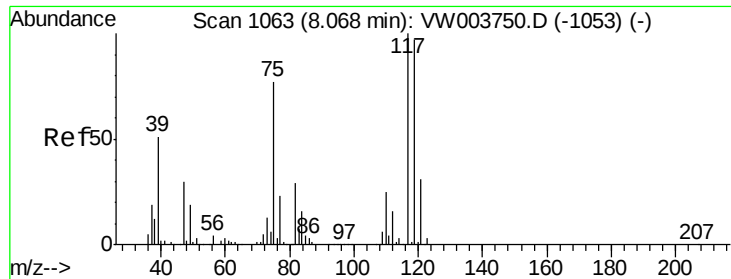
Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.0 7.5 11.3#

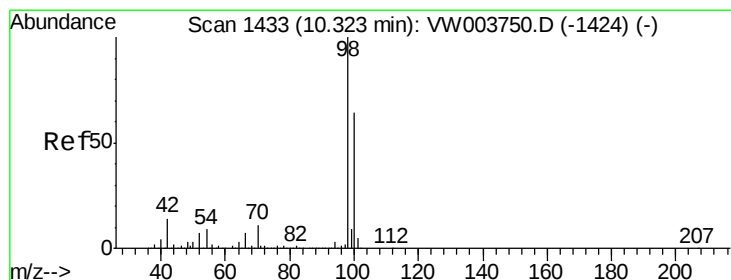
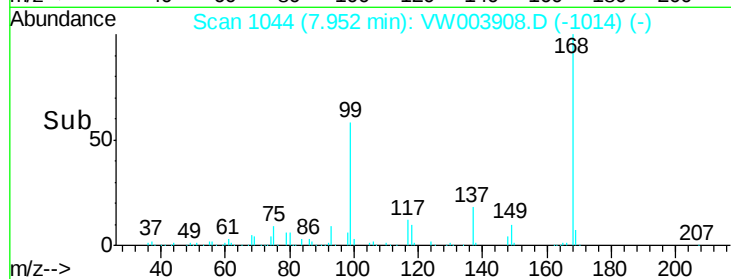
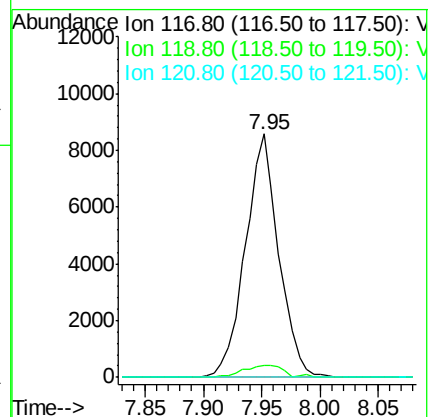
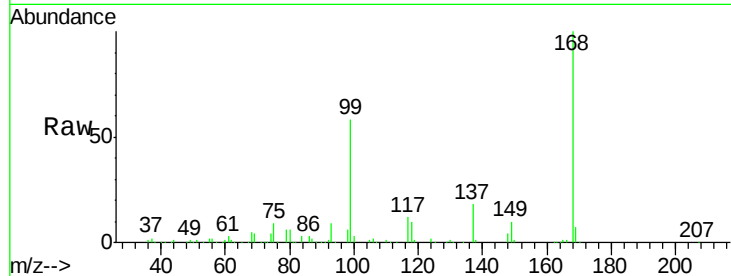




#38
Carbon Tetrachloride
Concen: 6.244 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003908.D
Acq: 12 Jul 2018 20:07

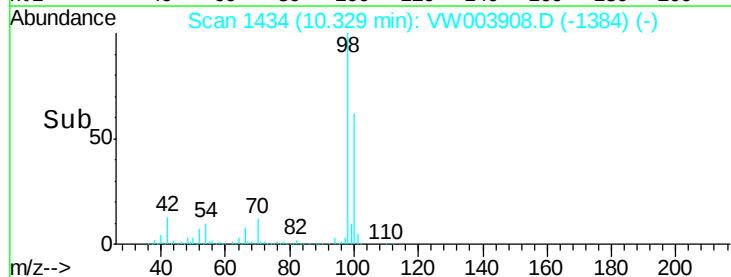
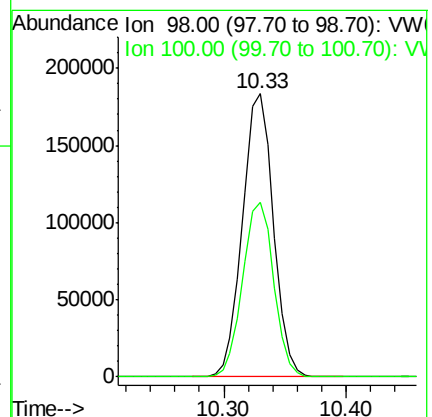
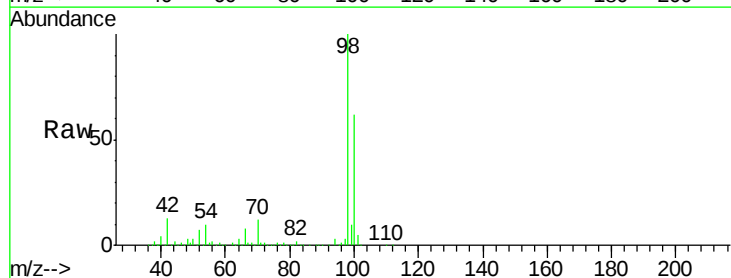
Instrument :
MSVOA_W
ClientSampled :

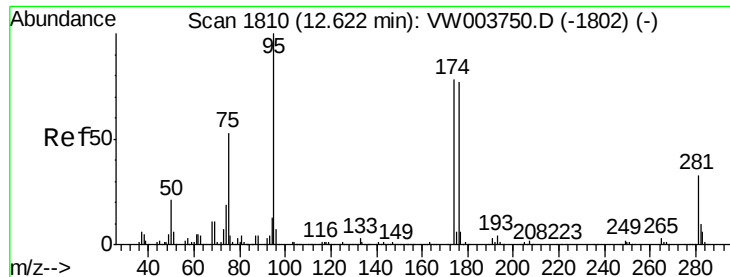
Tot Ion:117 Resp: 17085
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.325 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003908.D
Acq: 12 Jul 2018 20:07

Tgt Ion: 98 Resp: 321871
Ion Ratio Lower Upper
98 100
100 62.1 50.8 76.2

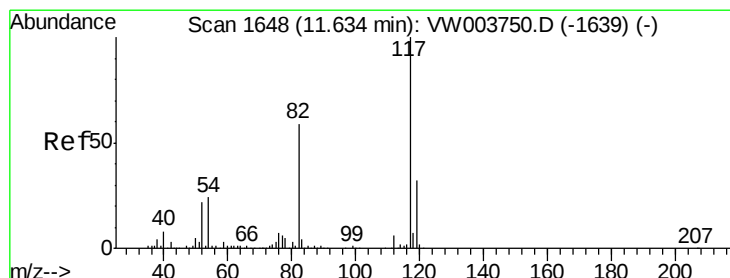
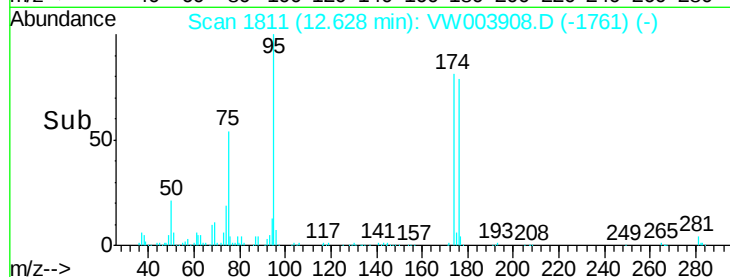
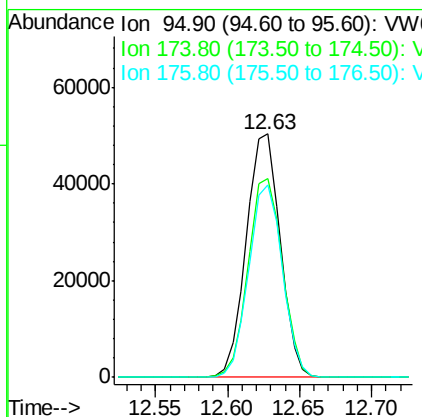
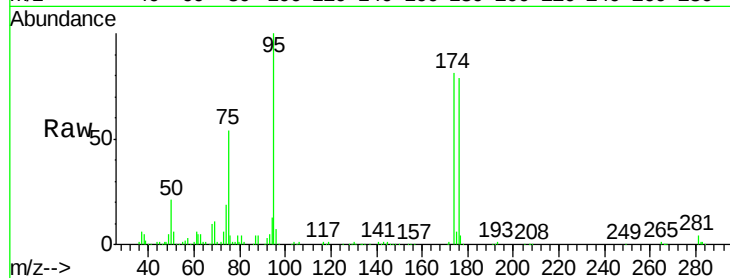




#62
4-Bromofluorobenzene
Concen: 31.258 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003908.D
Acq: 12 Jul 2018 20:07

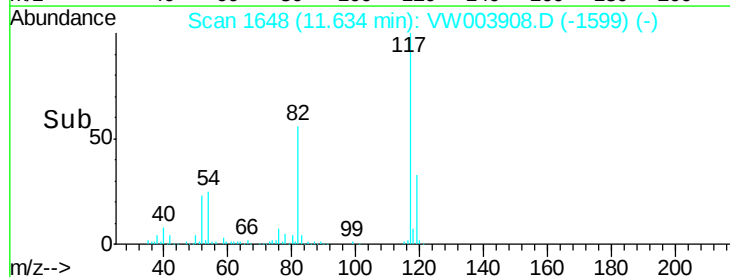
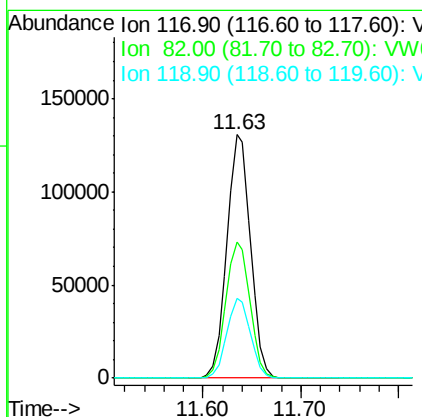
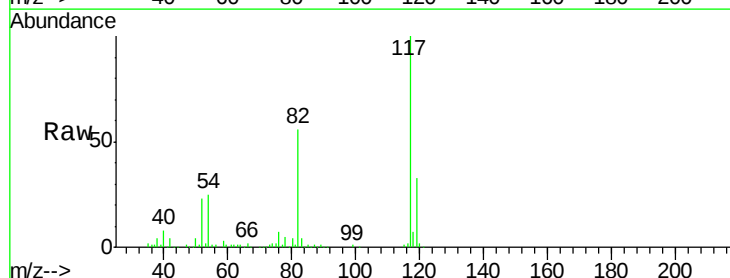
Instrument :
MSVOA_W
ClientSampleId :

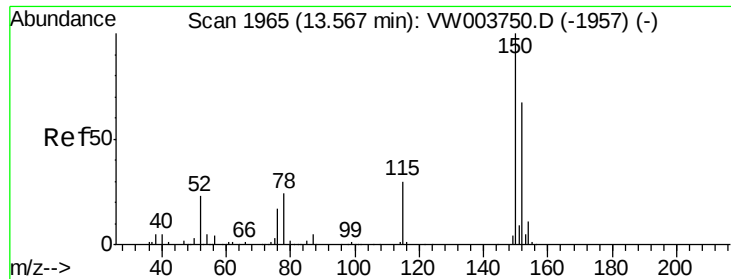
Tot Ion: 95 Resp: 82127
Ion Ratio Lower Upper
95 100
174 82.4 0.0 163.4
176 78.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003908.D
Acq: 12 Jul 2018 20:07

Tgt Ion: 117 Resp: 218218
Ion Ratio Lower Upper
117 100
82 55.9 46.9 70.3
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003908.D

Acq: 12 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

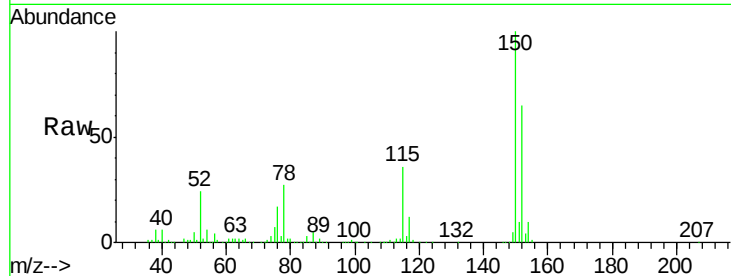
Tot Ion:152 Resp: 76450

Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.8

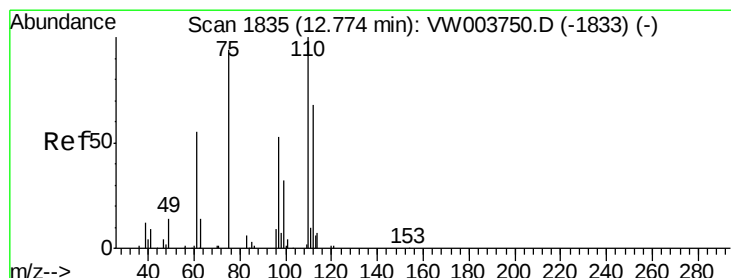
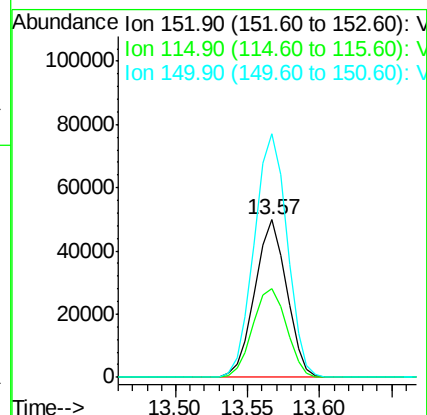
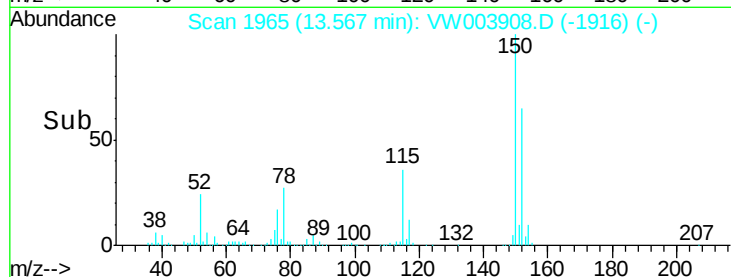
150 159.1 0.0 342.4



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



#76

1,2,3-Trichloropropane

Concen: 59.582 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003908.D

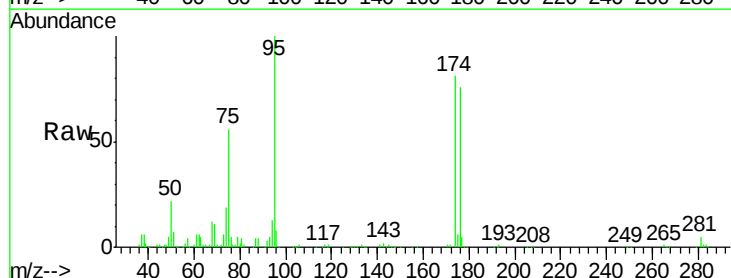
Acq: 12 Jul 2018 20:07

Tgt Ion: 75 Resp: 44730

Ion Ratio Lower Upper

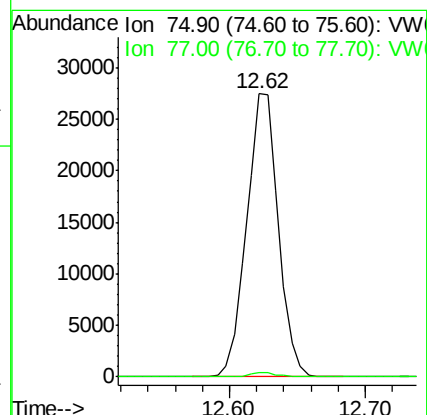
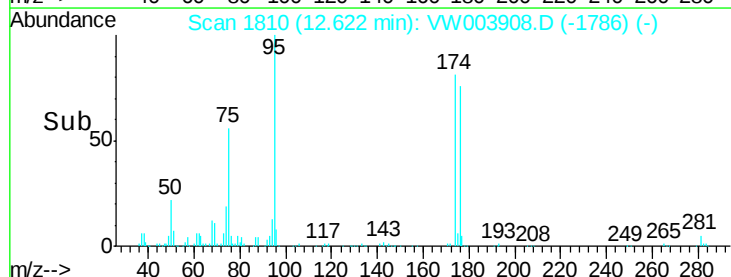
75 100

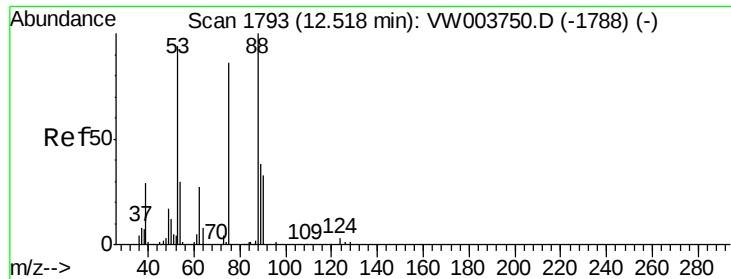
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 145.752 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003908.D

Acq: 12 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

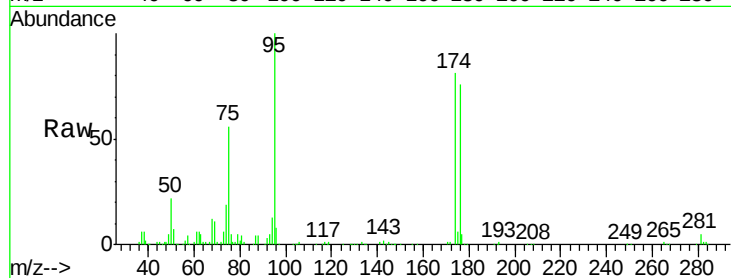
Tot Ion: 75 Resp: 44730

Ion Ratio Lower Upper

75 100

53 0.3 85.0 127.6#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

