

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003667.D
 Acq On : 29 Jun 2018 18:07
 Operator : SY/AP
 Sample : J3773-01
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:42:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	137193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	228206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104570	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	94979	63.92	ug/l	0.00
Spiked Amount			Recovery	=	127.84%	
35) Dibromofluoromethane	7.88	113	81612	57.55	ug/l	0.00
Spiked Amount			Recovery	=	115.10%	
50) Toluene-d8	10.33	98	280764	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.63	95	97241	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	

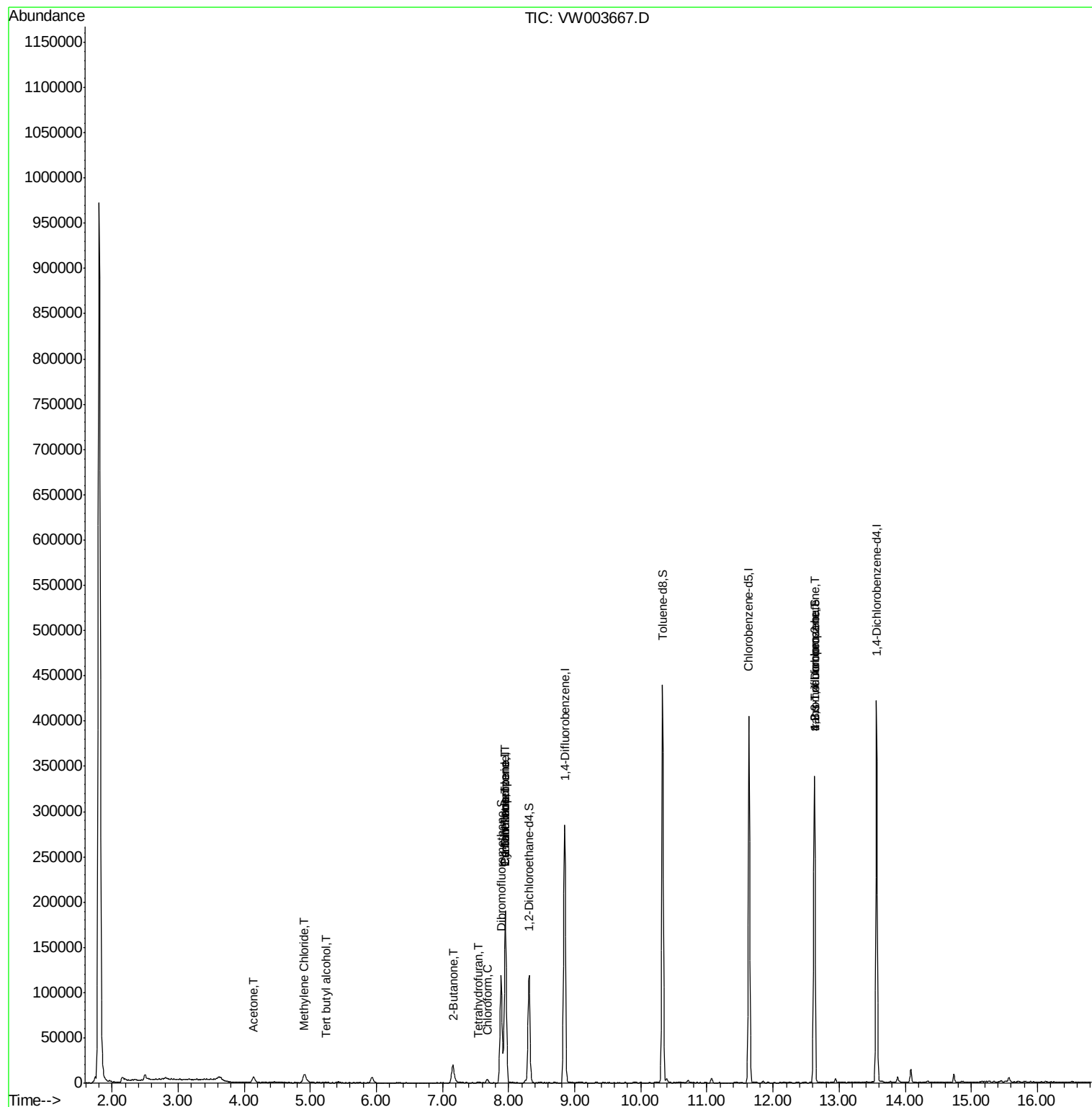
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	188	2.359	ug/l #	84
16) Acetone	4.14	43	12027	38.590	ug/l	98
20) Methylene Chloride	4.91	84	7790	2.389	ug/l	91
25) 2-Butanone	7.15	43	2166	5.589	ug/l #	50
29) Tetrahydrofuran	7.54	42	362	1.528	ug/l #	64
30) Chloroform	7.68	83	3254	1.243	ug/l	92
31) Cyclohexane	7.95	56	3776	1.573	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	11960	5.427	ug/l #	49
38) Carbon Tetrachloride	7.95	117	14076	6.511	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	54133	60.555	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	54133	139.340	ug/l #	9

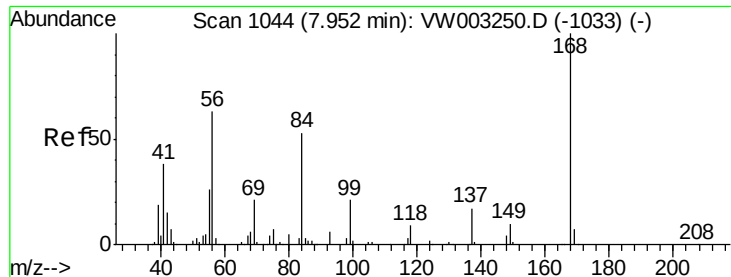
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062918\
Data File : VW003667.D
Acq On : 29 Jun 2018 18:07
Operator : SY/AP
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Misc : 5.96G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 30 03:42:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 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: VW003667.D

Acq: 29 Jun 2018 18:07

Instrument :

MSVOA_W

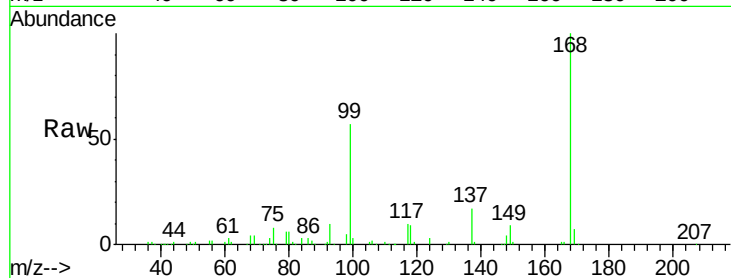
ClientSampleId :

Tot Ion:168 Resp: 137193

Ion Ratio Lower Upper

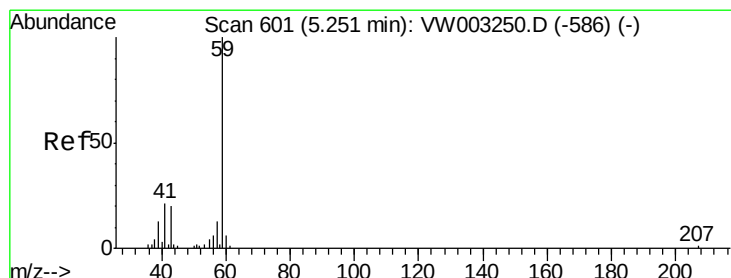
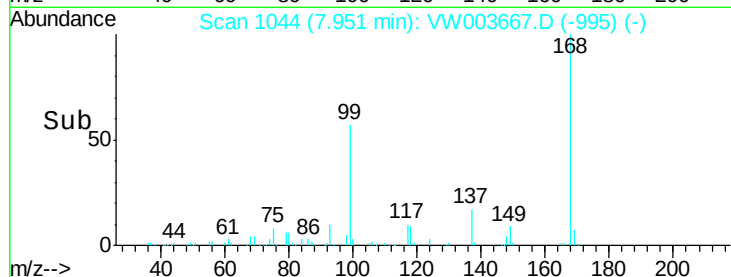
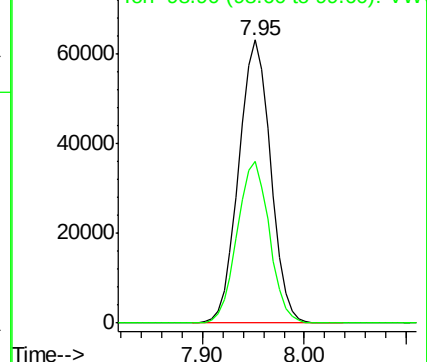
168 100

99 57.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.359 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003667.D

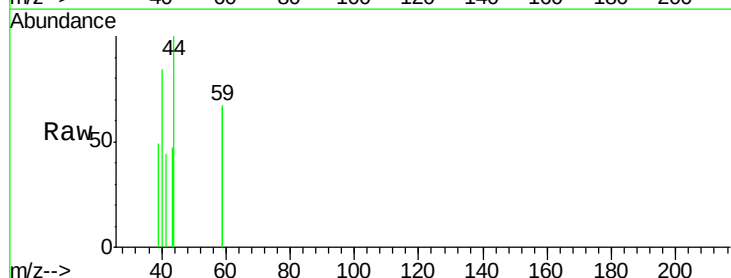
Acq: 29 Jun 2018 18:07

Tgt Ion: 59 Resp: 188

Ion Ratio Lower Upper

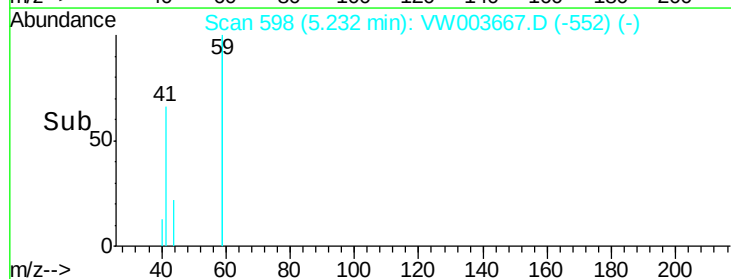
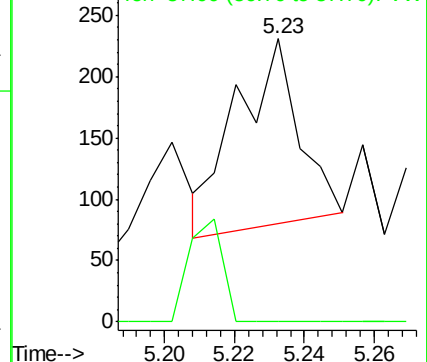
59 100

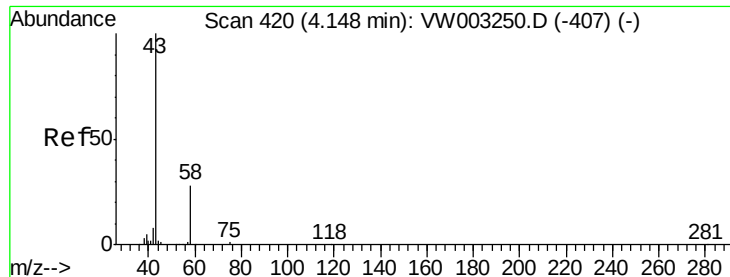
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

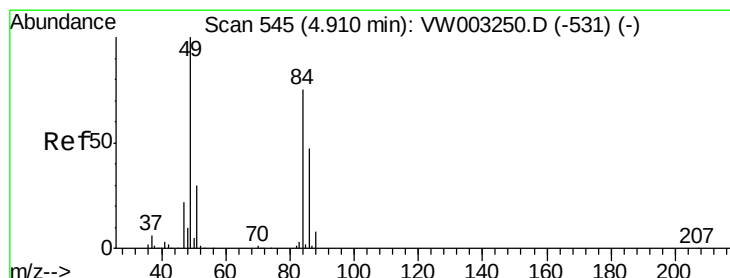
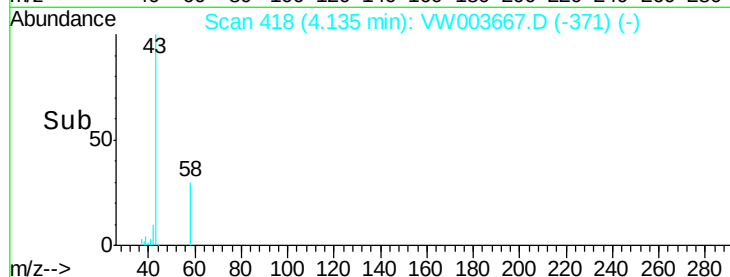
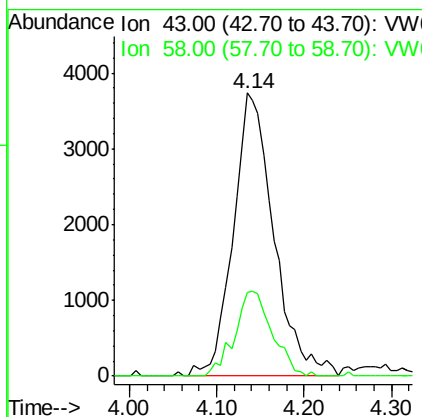
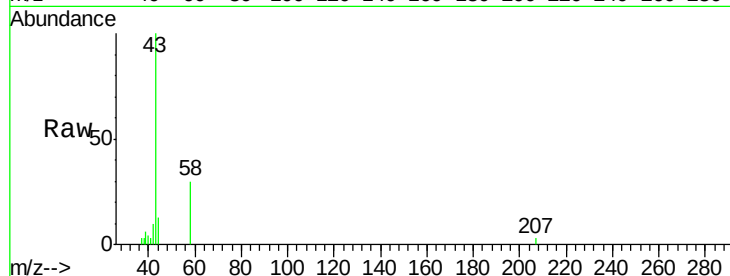




#16
Acetone
Concen: 38.590 ug/l
RT: 4.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: VW003667.D
Acq: 29 Jun 2018 18:07

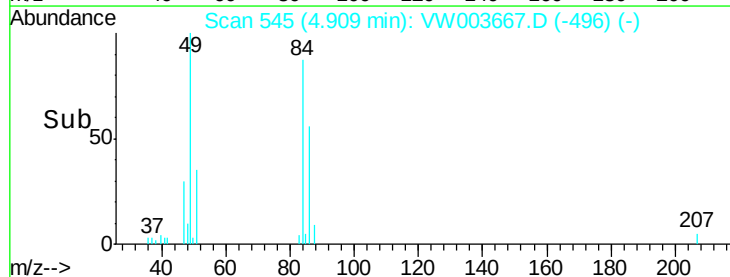
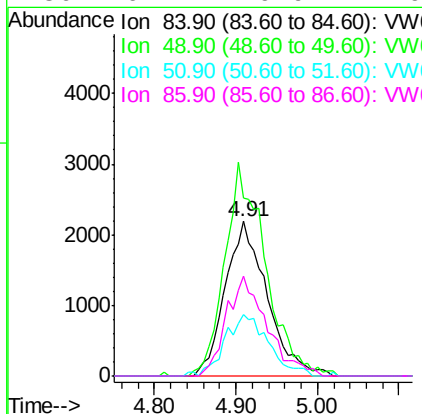
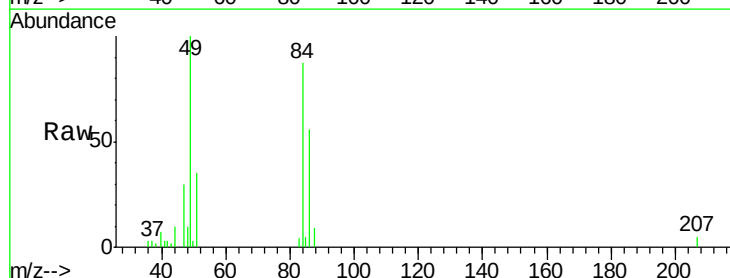
Instrument :
MSVOA_W
ClientSampleId :

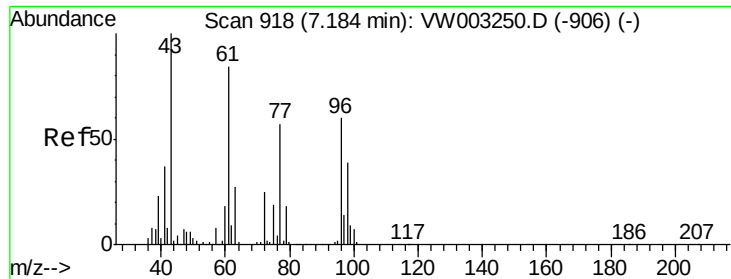
Tot Ion: 43 Resp: 12027
Ion Ratio Lower Upper
43 100
58 29.5 22.6 34.0



#20
Methylene Chloride
Concen: 2.389 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003667.D
Acq: 29 Jun 2018 18:07

Tgt Ion: 84 Resp: 7790
Ion Ratio Lower Upper
84 100
49 114.7 106.3 159.5
51 40.0 32.0 48.0
86 64.4 49.9 74.9





#25

2-Butanone

Concen: 5.589 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003667.D

Acq: 29 Jun 2018 18:07

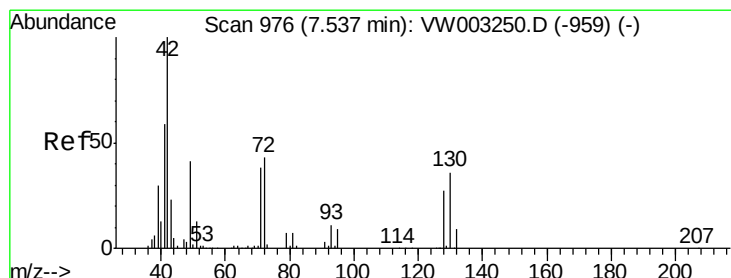
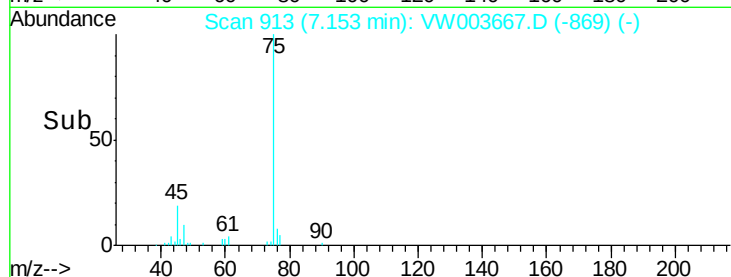
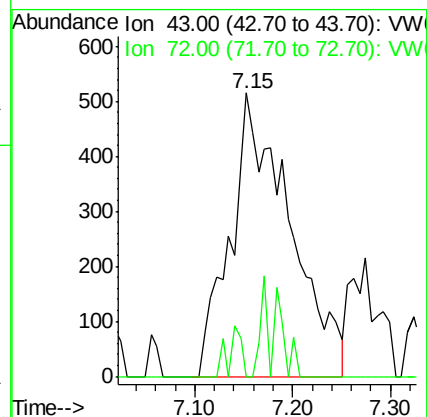
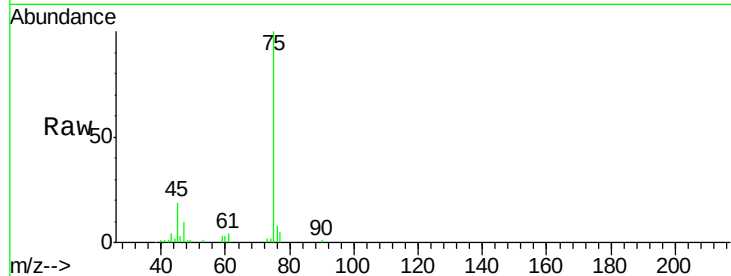
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2166

Ion Ratio Lower Upper

43 100

72 0.0 20.3 30.5#



#29

Tetrahydrofuran

Concen: 1.528 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003667.D

Acq: 29 Jun 2018 18:07

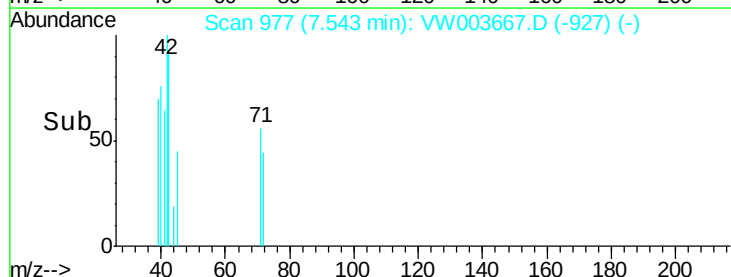
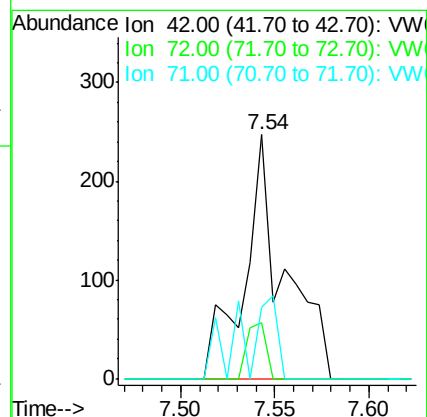
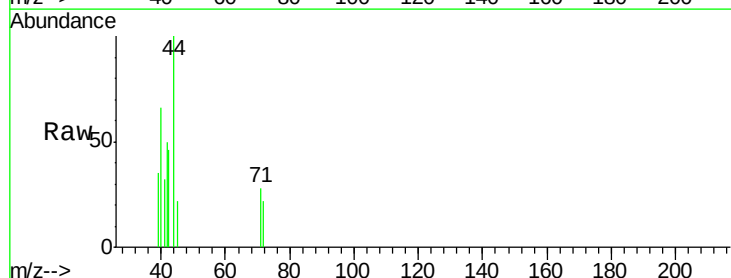
Tgt Ion: 42 Resp: 362

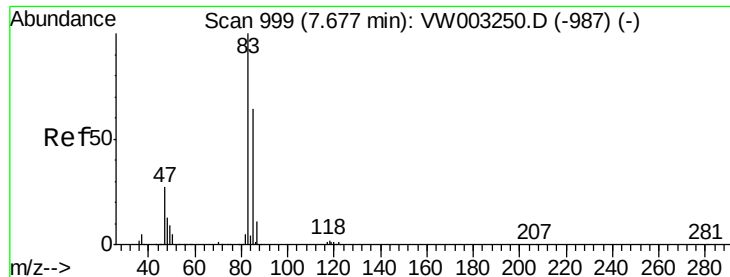
Ion Ratio Lower Upper

42 100

72 11.0 32.4 48.6#

71 23.8 31.2 46.8#

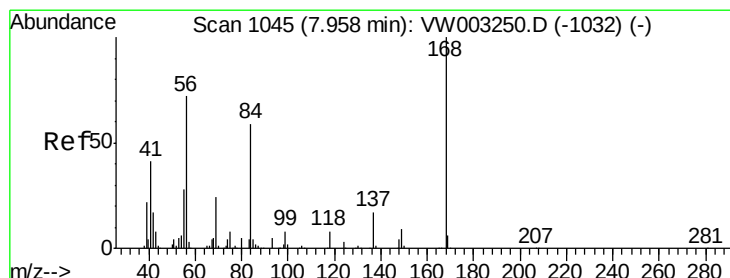
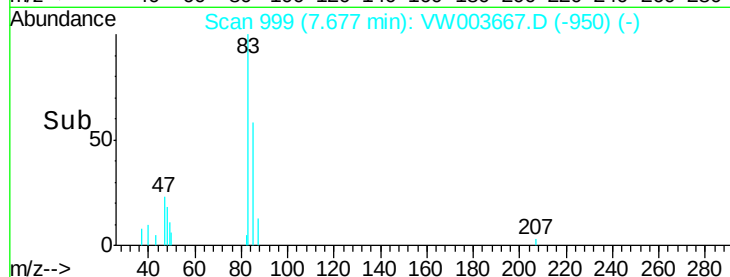
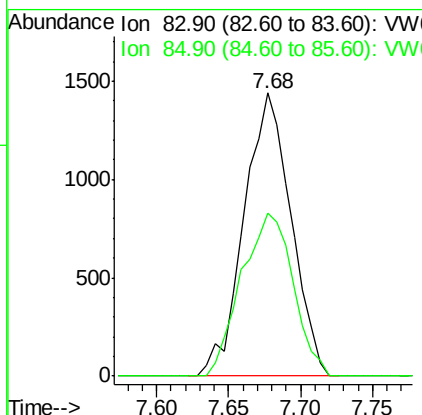
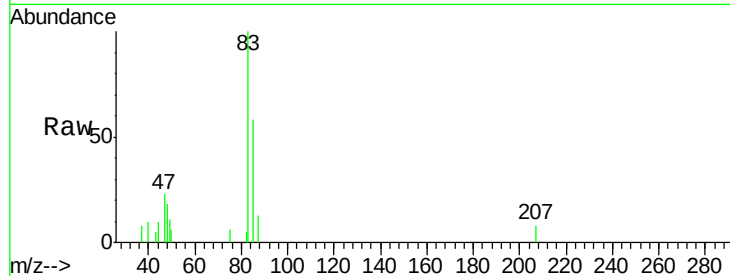




#30
Chloroform
Concen: 1.243 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003667.D
Acq: 29 Jun 2018 18:07

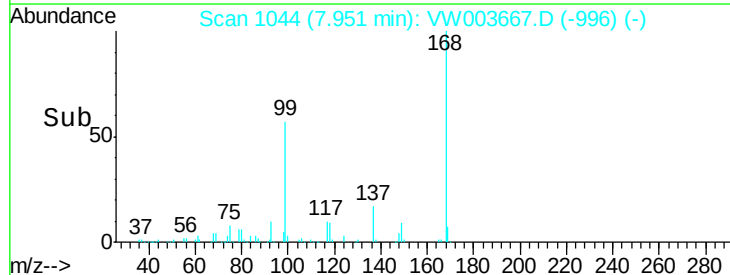
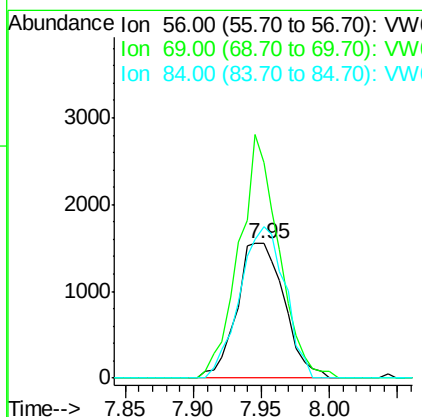
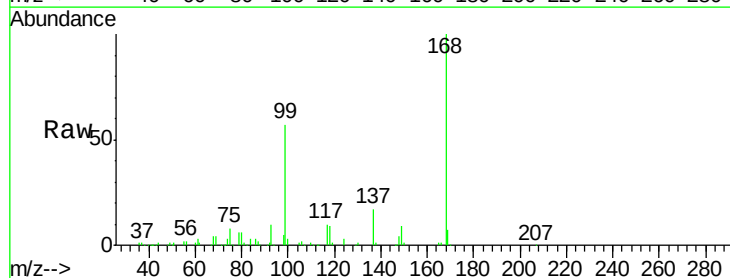
Instrument :
MSVOA_W
ClientSampleId :

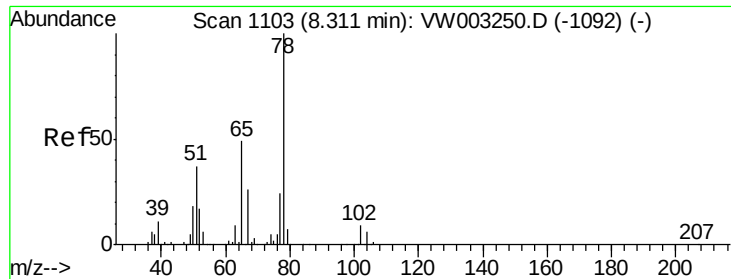
Tot Ion: 83 Resp: 3254
Ion Ratio Lower Upper
83 100
85 57.7 51.3 76.9



#31
Cyclohexane
Concen: 1.573 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003667.D
Acq: 29 Jun 2018 18:07

Tgt Ion: 56 Resp: 3776
Ion Ratio Lower Upper
56 100
69 160.4 26.3 39.5#
84 112.4 65.7 98.5#

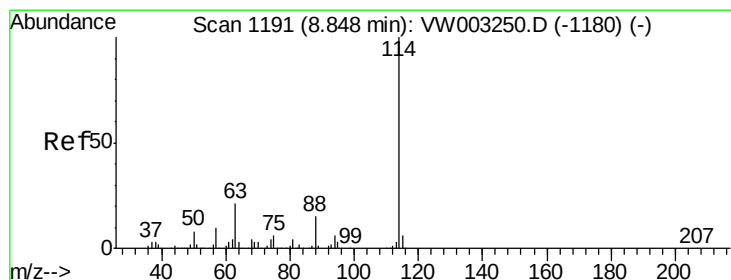
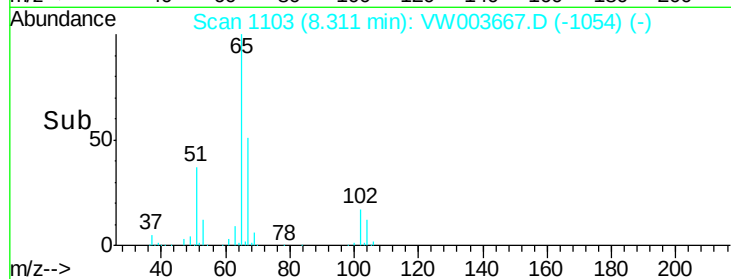
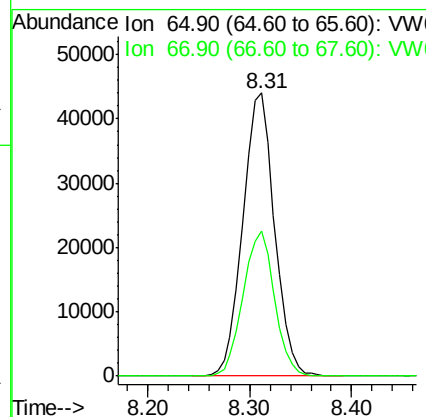
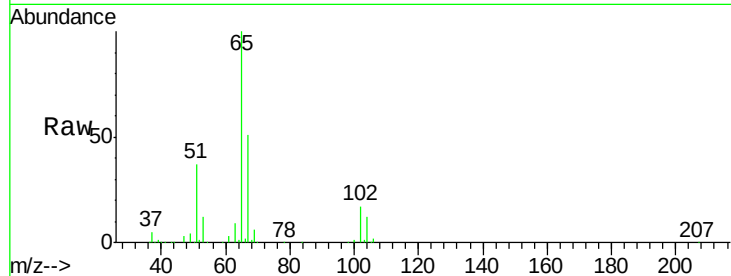




#33
 1,2-Dichloroethane-d4
 Concen: 63.915 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003667.D
 Acq: 29 Jun 2018 18:07

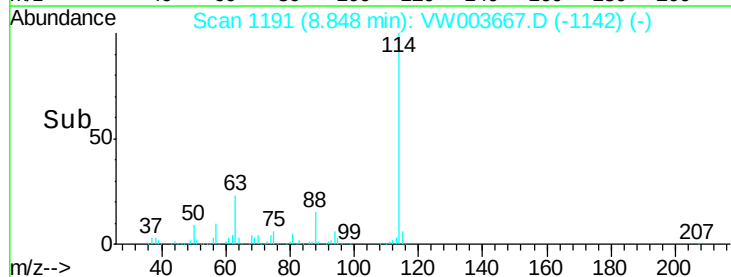
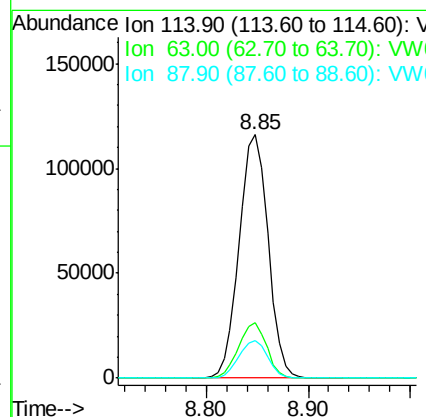
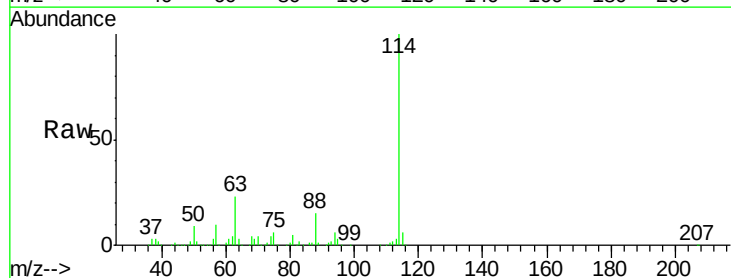
Instrument :
 MSVOA_W
 ClientSampleId :

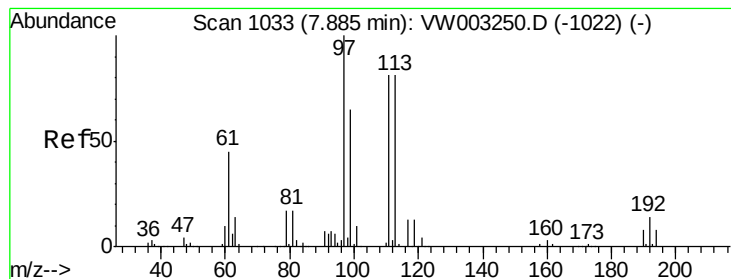
Tot Ion: 65 Resp: 94979
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003667.D
 Acq: 29 Jun 2018 18:07

Tgt Ion: 114 Resp: 228206
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.0
 88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 57.554 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003667.D

Acq: 29 Jun 2018 18:07

Instrument :

MSVOA_W

ClientSampled :

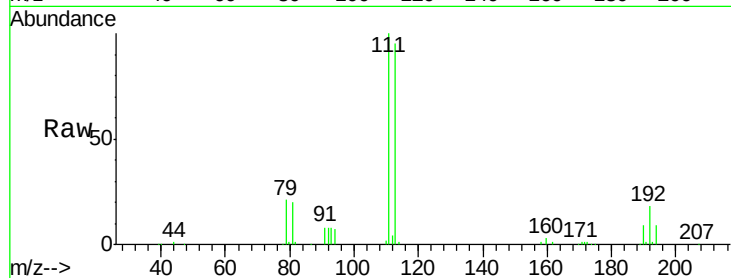
Tot Ion:113 Resp: 81612

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

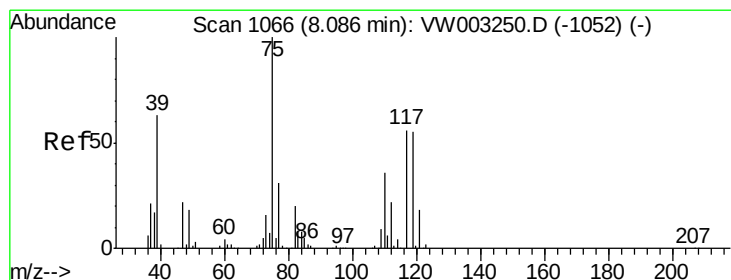
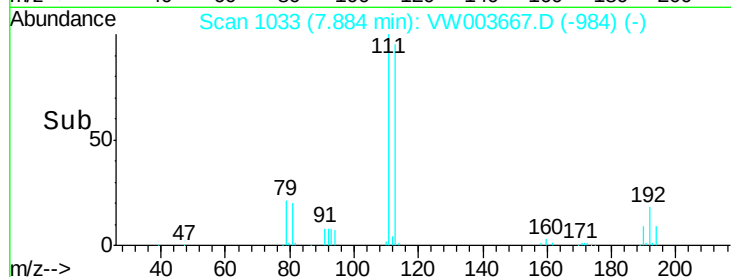
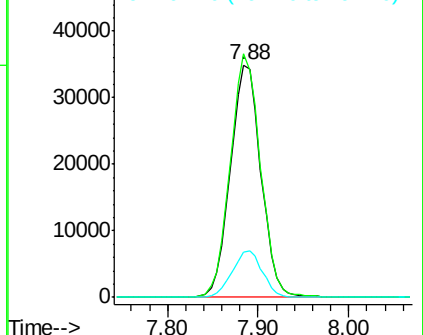
192 19.8 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.427 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.14 min

Lab File: VW003667.D

Acq: 29 Jun 2018 18:07

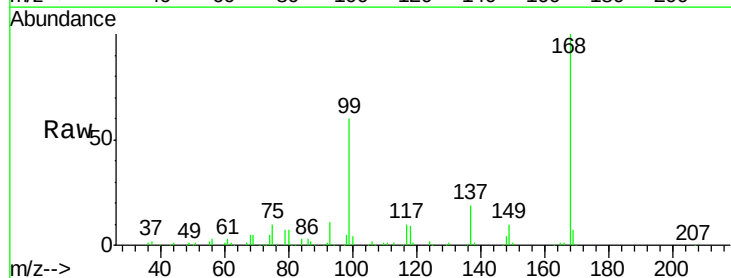
Tgt Ion: 75 Resp: 11960

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.3#

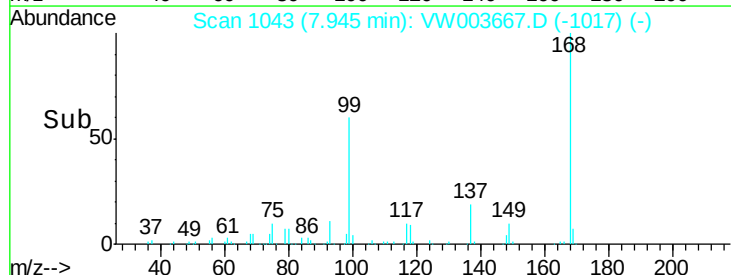
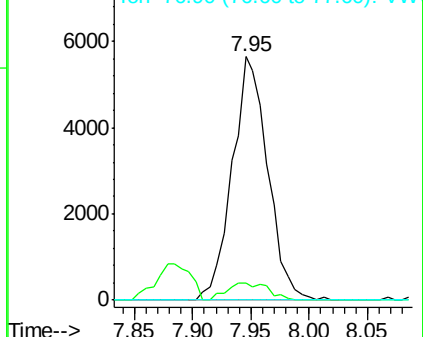
77 0.0 24.9 37.3#

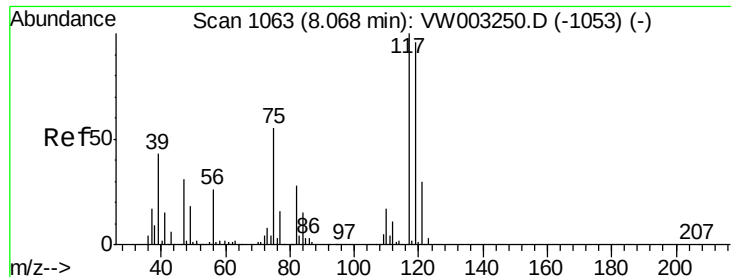


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.511 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003667.D

Acq: 29 Jun 2018 18:07

Instrument :
MSVOA_W
ClientSampled :

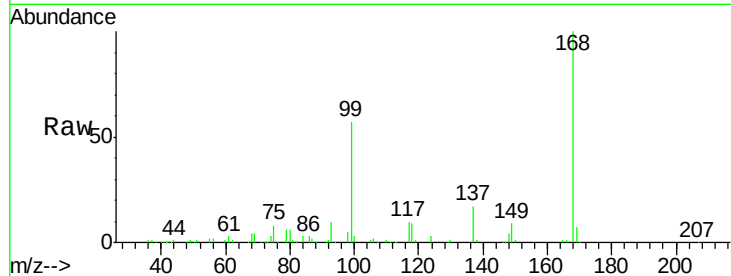
Tot Ion:117 Resp: 14076

Ion Ratio Lower Upper

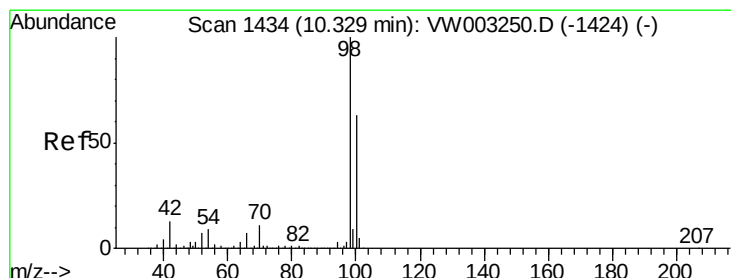
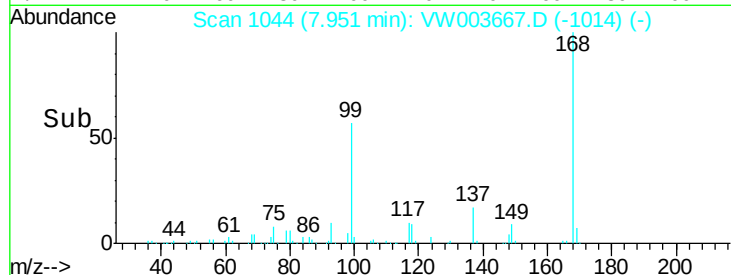
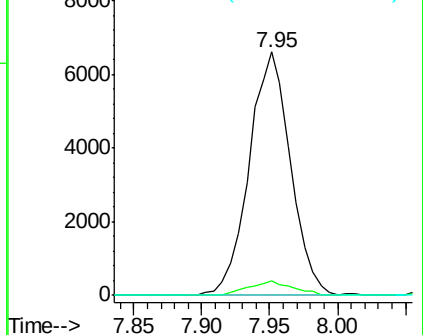
117 100

119 6.2 76.6 115.0#

121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 49.934 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003667.D

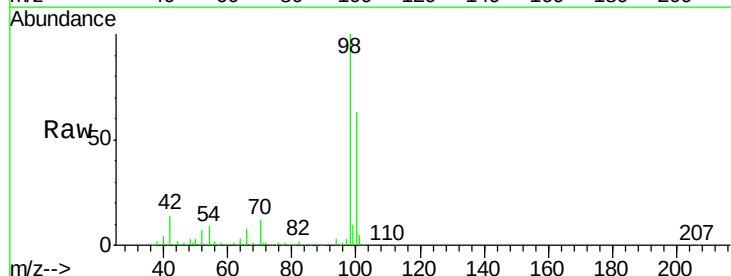
Acq: 29 Jun 2018 18:07

Tgt Ion: 98 Resp: 280764

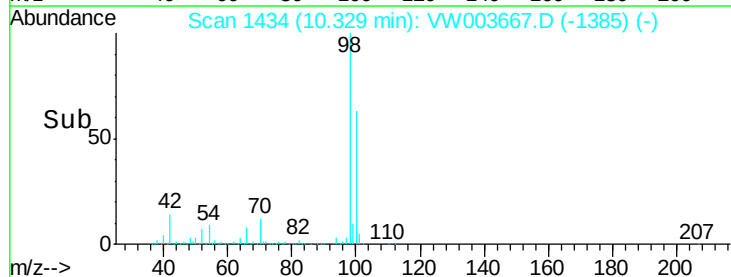
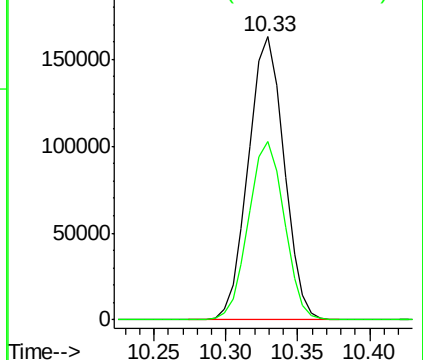
Ion Ratio Lower Upper

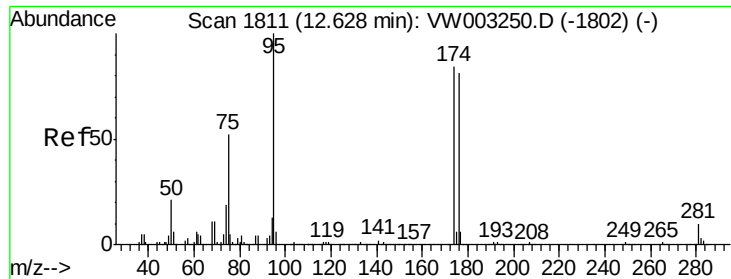
98 100

100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

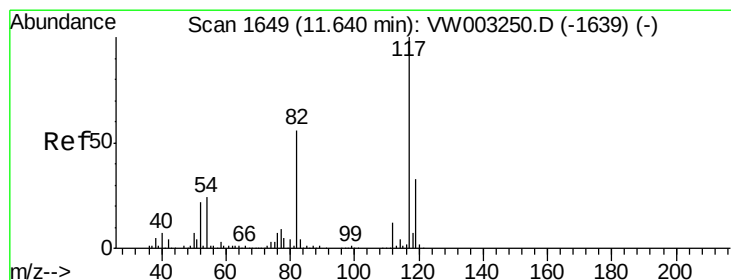
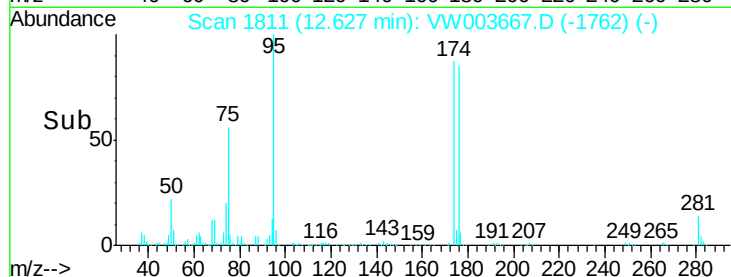
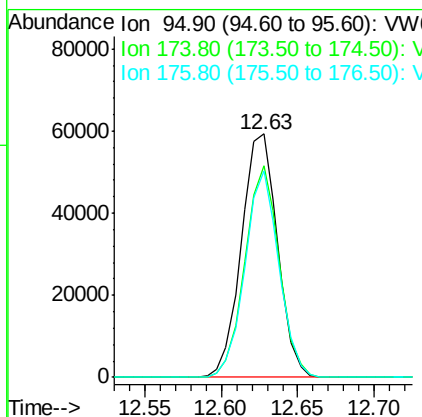
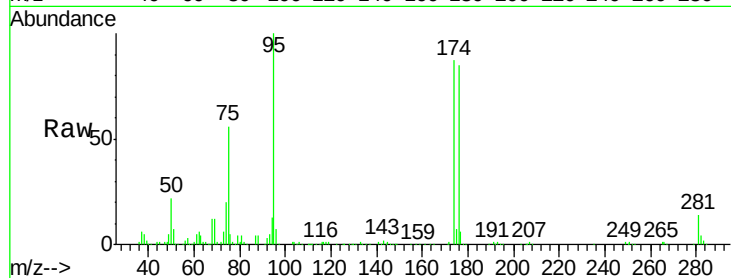




#62
4-Bromofluorobenzene
Concen: 48.869 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW003667.D
Acq: 29 Jun 2018 18:07

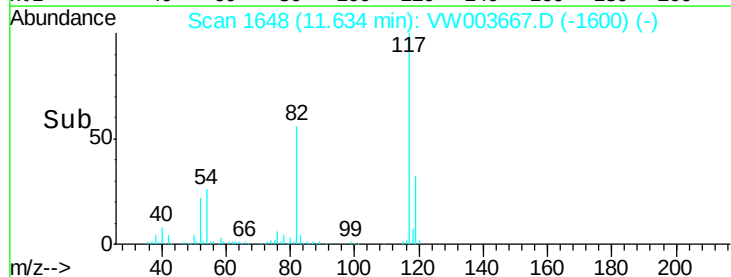
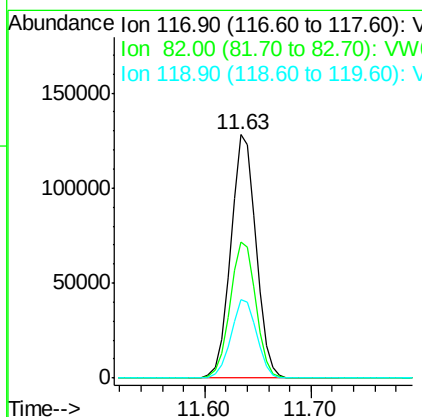
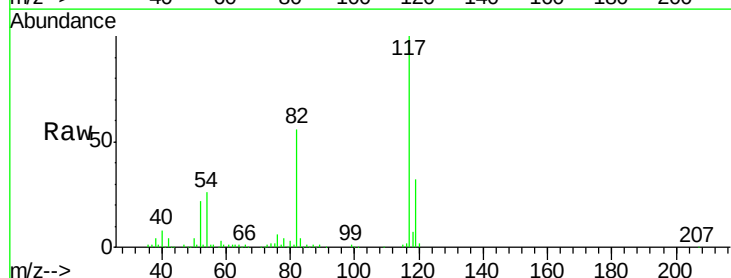
Instrument :
MSVOA_W
ClientSampleId :

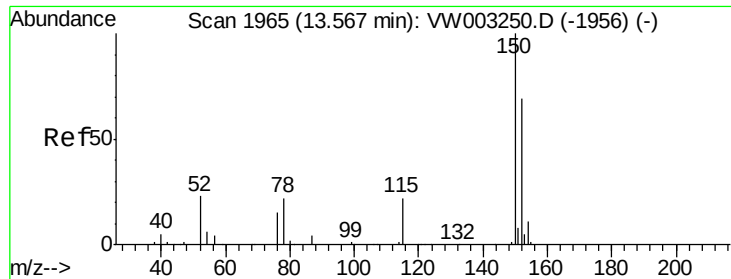
Tot Ion: 95 Resp: 97241
Ion Ratio Lower Upper
95 100
174 82.6 0.0 166.4
176 79.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003667.D
Acq: 29 Jun 2018 18:07

Tgt Ion: 117 Resp: 212873
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.2 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003667.D

Acq: 29 Jun 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

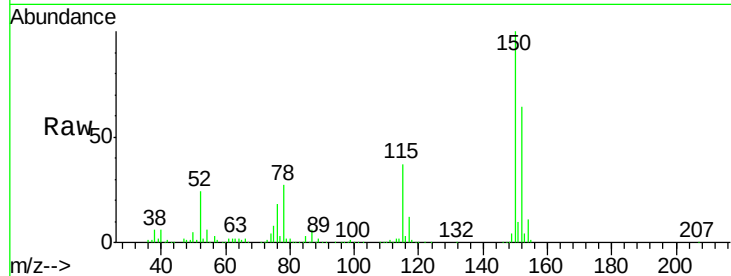
Tot Ion:152 Resp: 104570

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

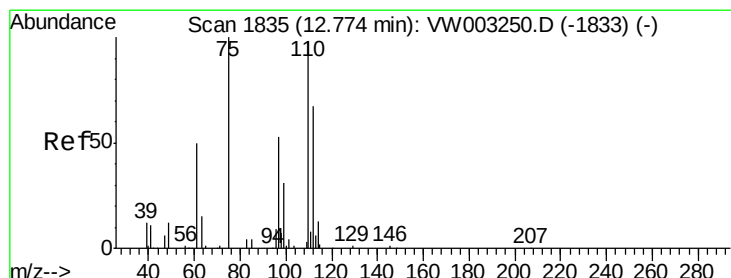
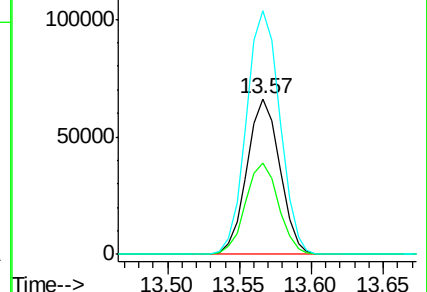
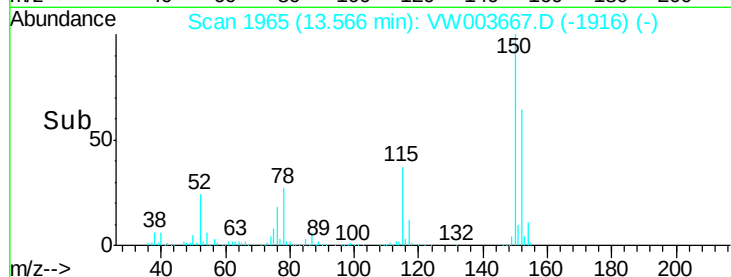
150 159.3 0.0 349.6



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: 60.555 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003667.D

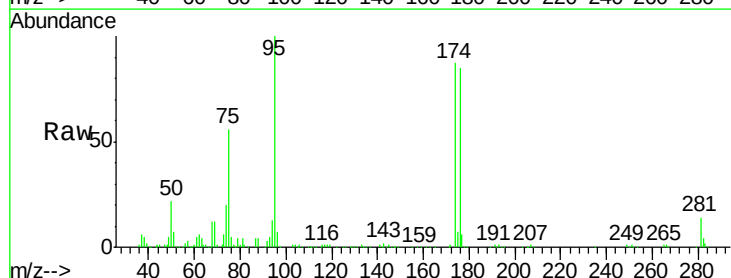
Acq: 29 Jun 2018 18:07

Tgt Ion: 75 Resp: 54133

Ion Ratio Lower Upper

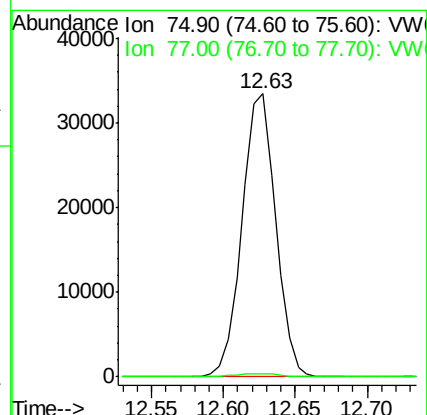
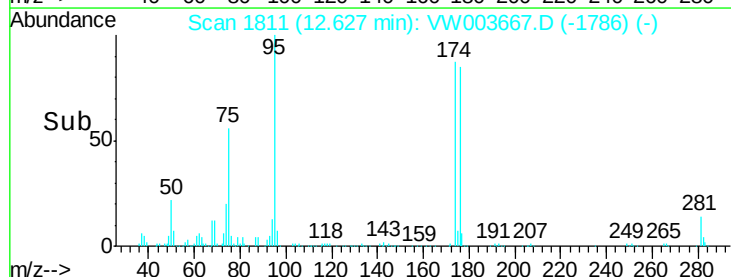
75 100

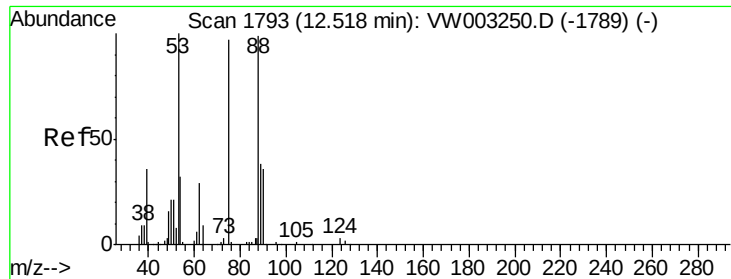
77 1.3 0.0 0.0#



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: 139.340 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003667.D

Acq: 29 Jun 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

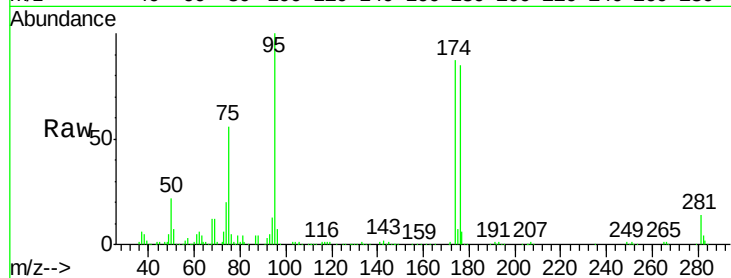
Tot Ion: 75 Resp: 54133

Ion Ratio Lower Upper

75 100

53 0.2 82.9 124.3#

89 0.3 36.7 55.1#



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

