

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003911.D
 Acq On : 12 Jul 2018 21:24
 Operator : SY/AP
 Sample : J3947-07
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-4

Quant Time: Jul 13 07:16:21 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

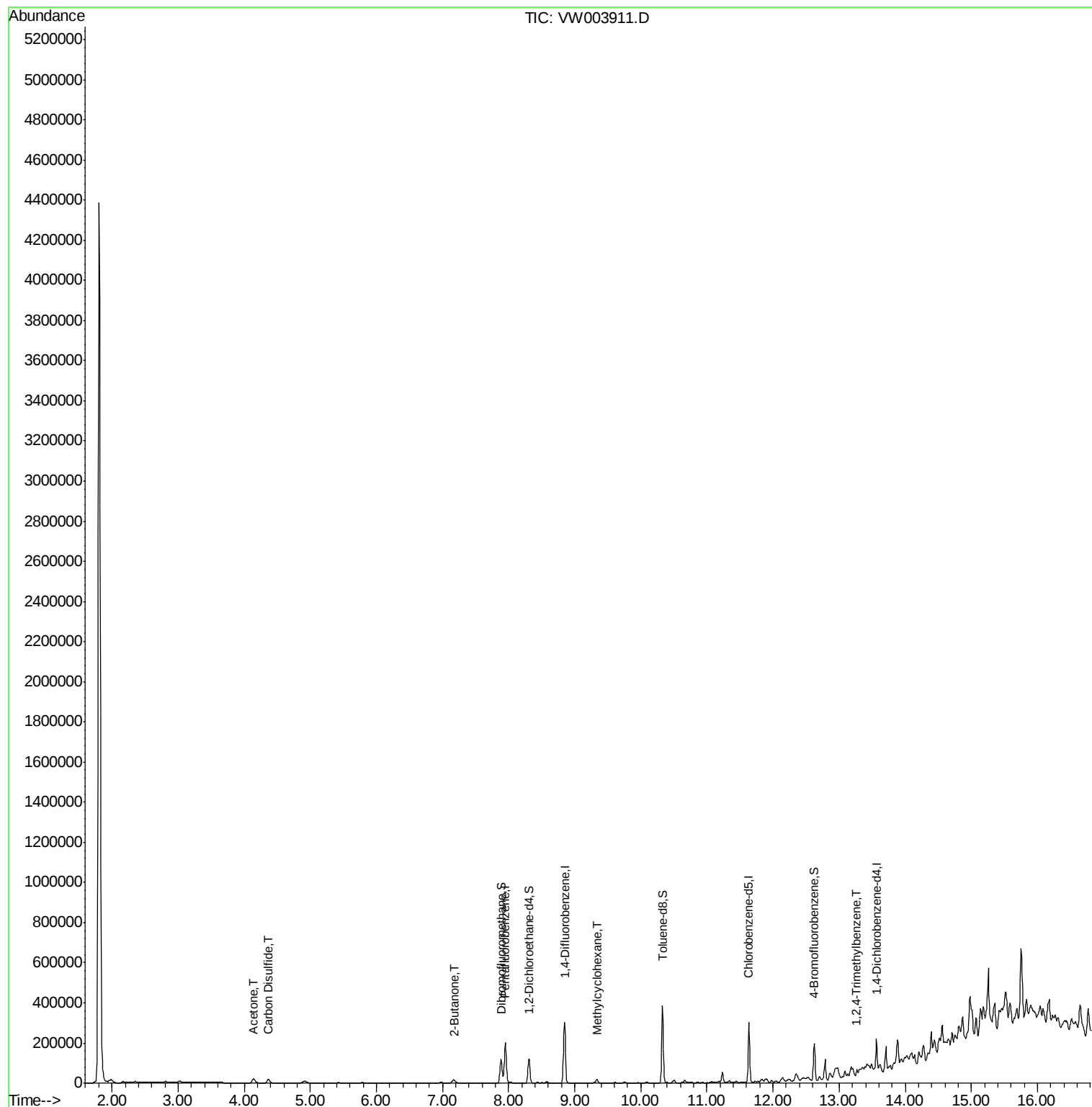
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	136747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	243263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98034	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
35) Dibromofluoromethane	7.88	113	83843	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.33	98	244513	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
62) 4-Bromofluorobenzene	12.62	95	54811	23.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.52%	
Target Compounds						
16) Acetone	4.14	43	41083	132.415	ug/l	99
17) Carbon Disulfide	4.37	76	40963	9.727	ug/l	98
25) 2-Butanone	7.18	43	11688	24.052	ug/l #	89
39) Methylcyclohexane	9.34	83	6164	2.180	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	3569	1.384	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003911.D

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Instrument :

MSVOA_W

ClientSampleId :

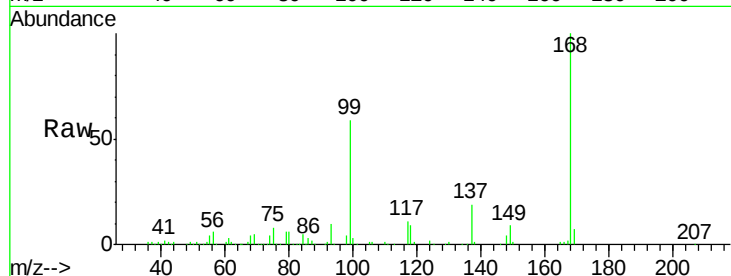
PAR-4

Tot Ion:168 Resp: 136747

Ion Ratio Lower Upper

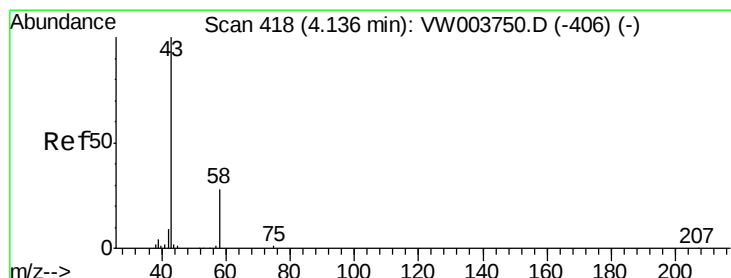
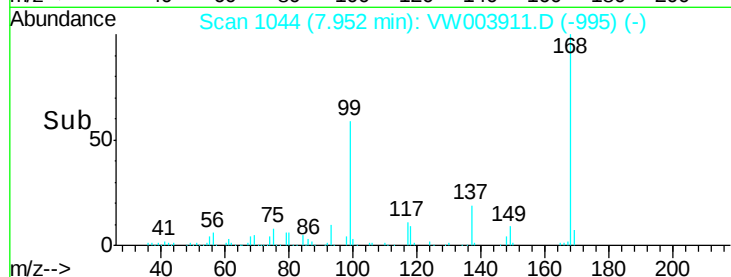
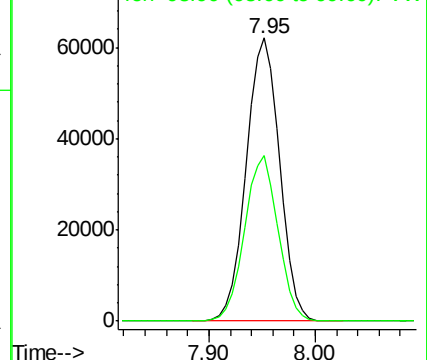
168 100

99 58.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 132.415 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003911.D

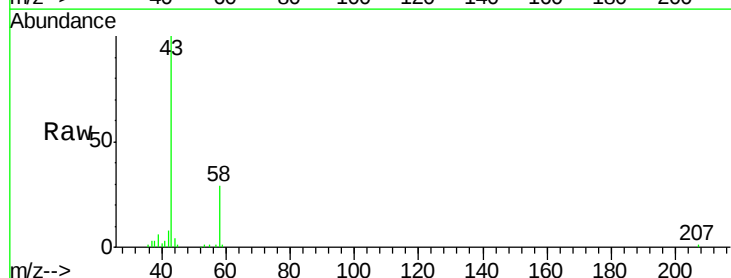
Acq: 12 Jul 2018 21:24

Tgt Ion: 43 Resp: 41083

Ion Ratio Lower Upper

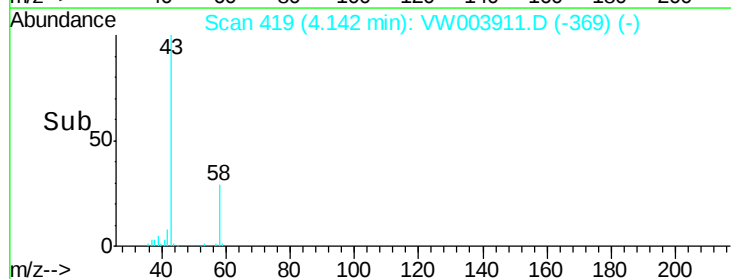
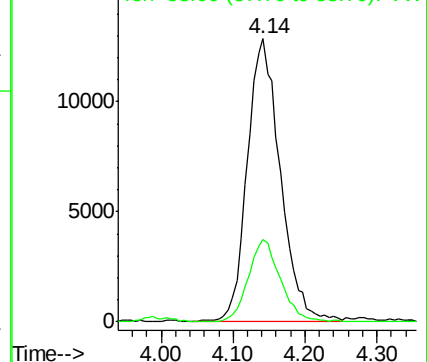
43 100

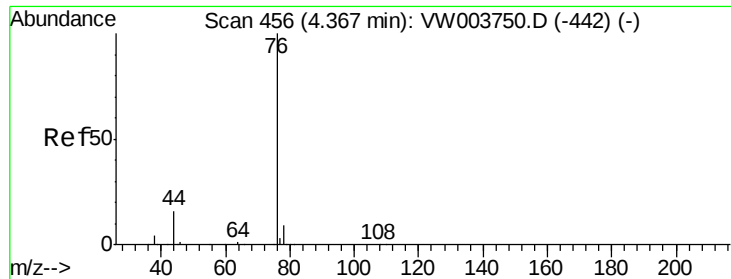
58 29.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

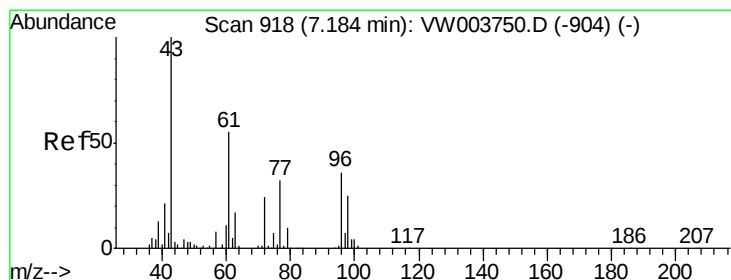
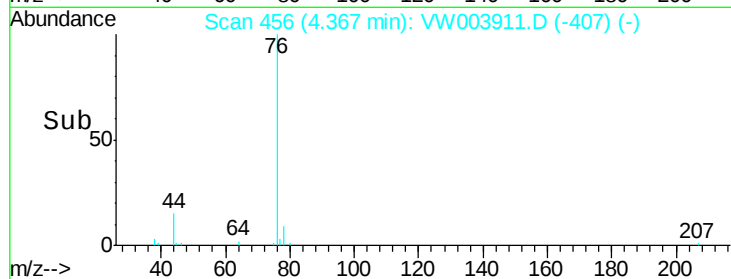
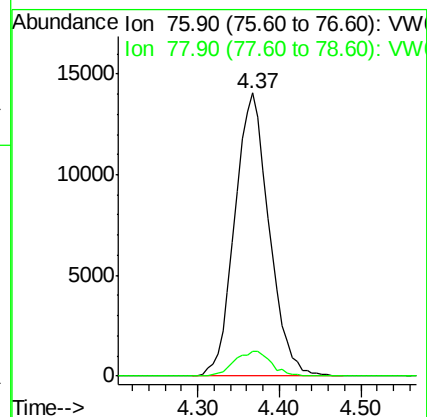
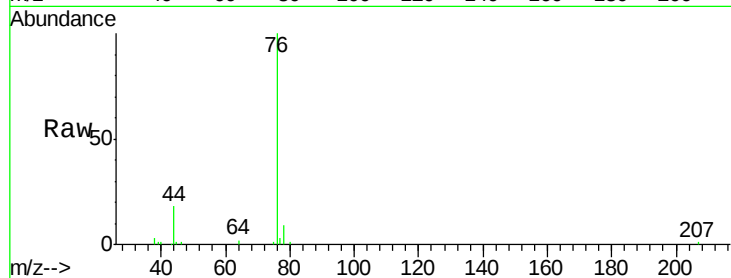




#17
Carbon Disulfide
Concen: 9.727 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003911.D
Acq: 12 Jul 2018 21:24

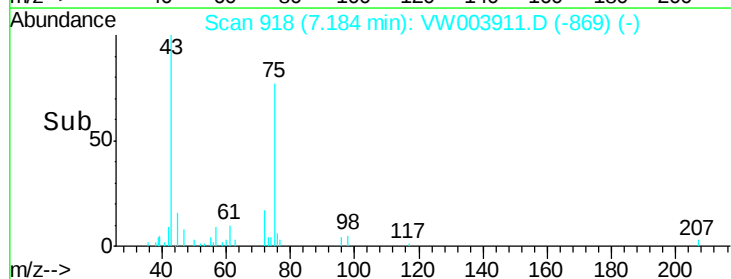
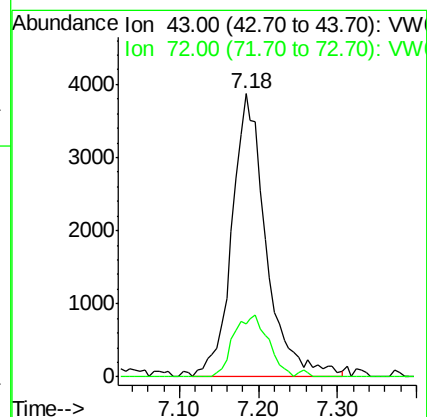
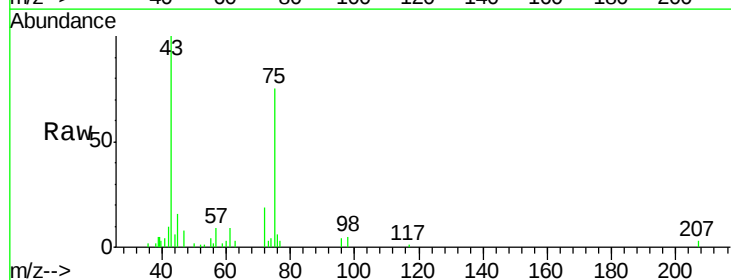
Instrument :
MSVOA_W
ClientSampleId :
PAR-4

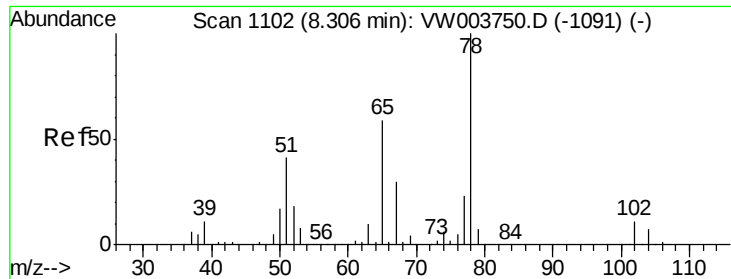
Tot Ion: 76 Resp: 40963
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#25
2-Butanone
Concen: 24.052 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003911.D
Acq: 12 Jul 2018 21:24

Tgt Ion: 43 Resp: 11688
Ion Ratio Lower Upper
43 100
72 18.9 19.4 29.2#

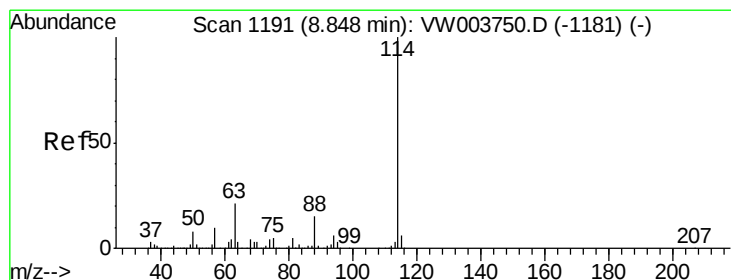
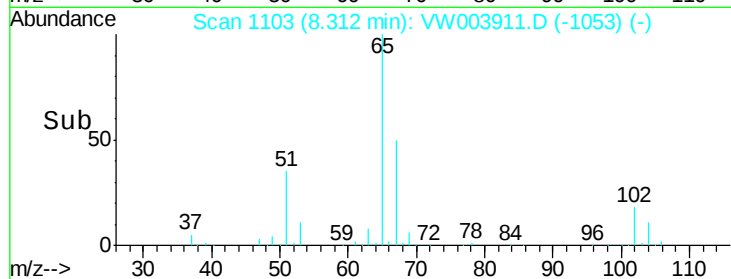
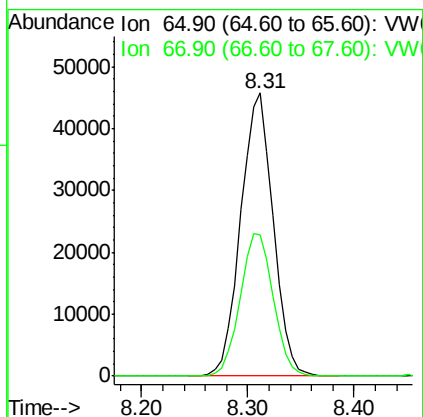
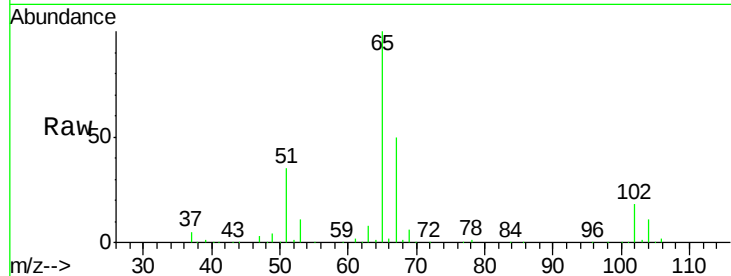




#33
 1,2-Dichloroethane-d4
 Concen: 54.820 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003911.D
 Acq: 12 Jul 2018 21:24

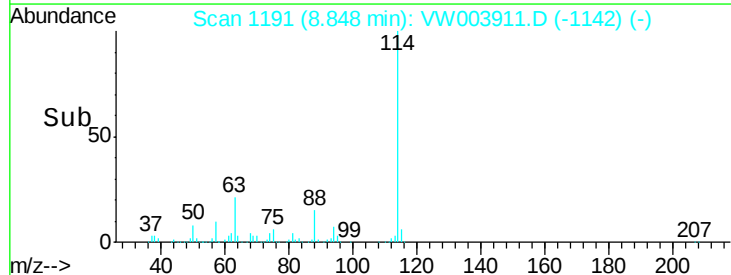
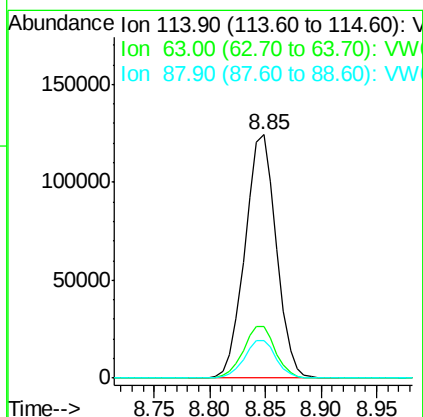
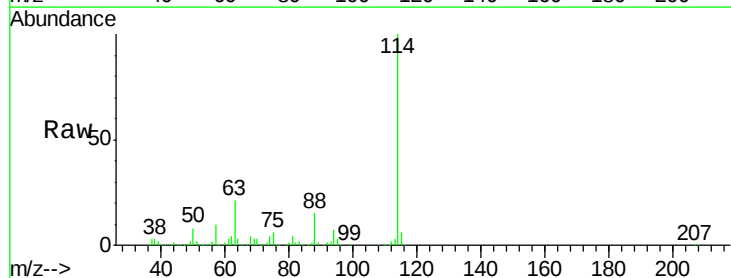
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-4

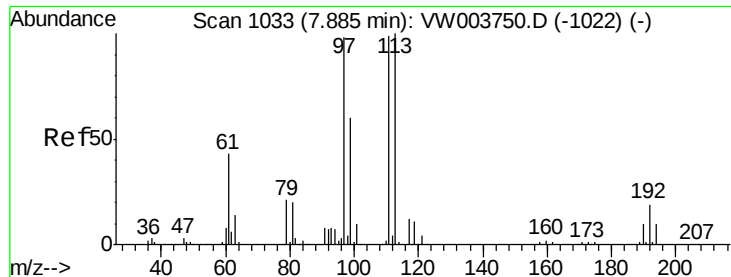
Tot Ion: 65 Resp: 98034
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003911.D
 Acq: 12 Jul 2018 21:24

Tgt Ion: 114 Resp: 243263
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.8
 88 15.5 0.0 30.2

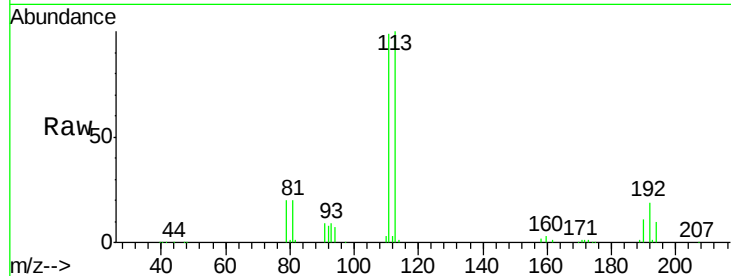




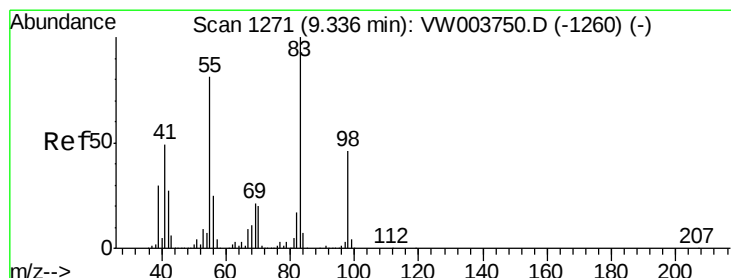
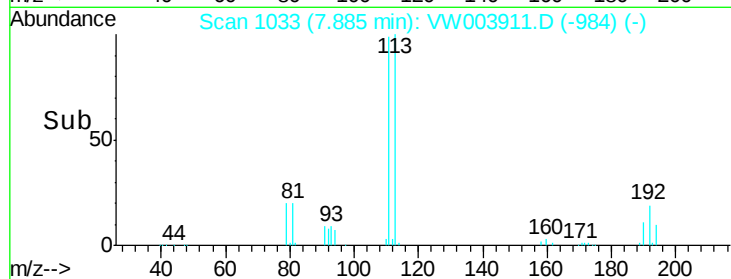
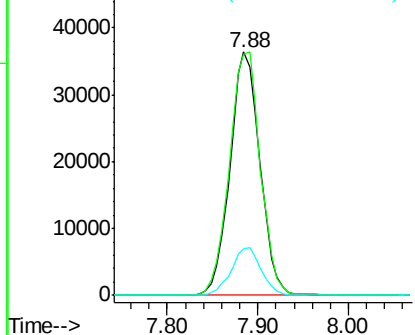
#35
Dibromofluoromethane
Concen: 49.245 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003911.D
Acq: 12 Jul 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
PAR-4

Tot Ion:113 Resp: 83843
Ion Ratio Lower Upper
113 100
111 103.7 81.7 122.5
192 19.7 15.8 23.8

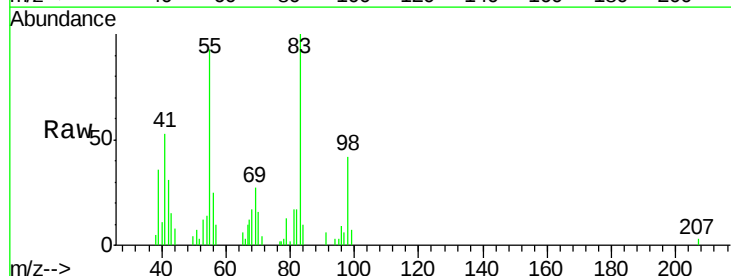


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

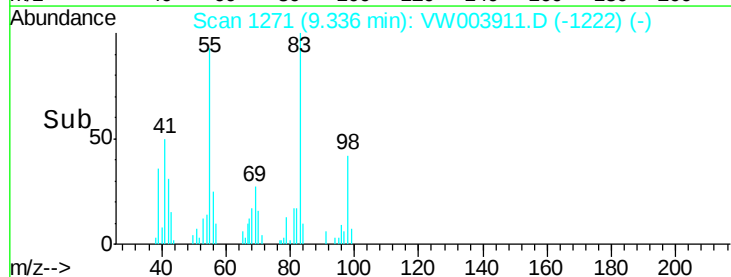
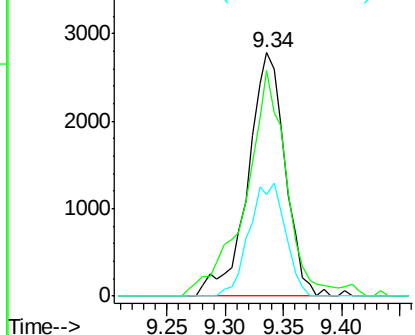


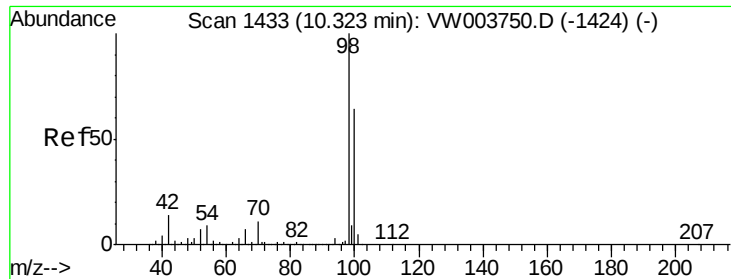
#39
Methylcyclohexane
Concen: 2.180 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003911.D
Acq: 12 Jul 2018 21:24

Tgt Ion: 83 Resp: 6164
Ion Ratio Lower Upper
83 100
55 89.9 65.1 97.7
98 41.8 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 37.544 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003911.D

Acq: 12 Jul 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

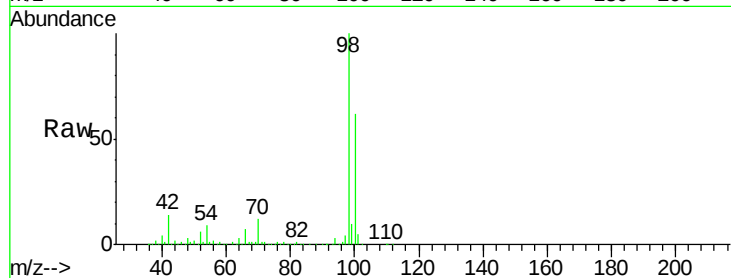
PAR-4

Tot Ion: 98 Resp: 244513

Ion Ratio Lower Upper

98 100

100 62.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

150000

100000

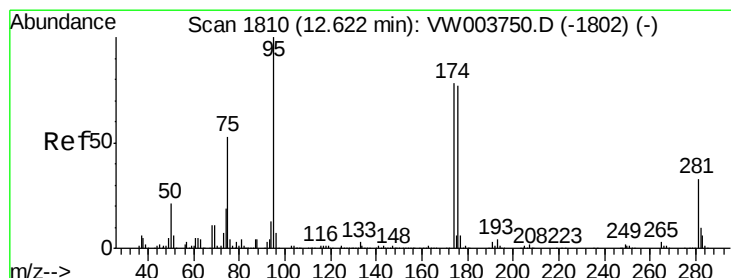
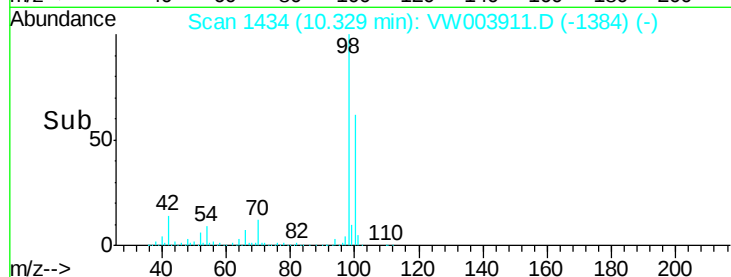
50000

0

Time-->

10.30 10.35

10.40



#62

4-Bromofluorobenzene

Concen: 23.261 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003911.D

Acq: 12 Jul 2018 21:24

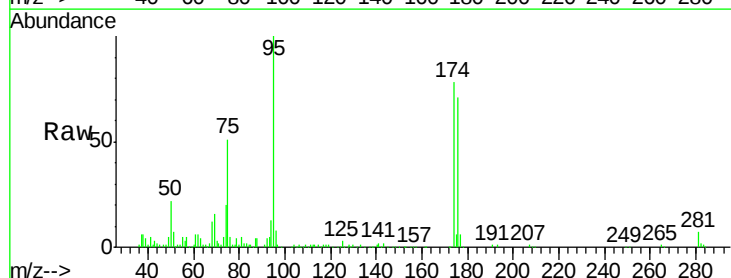
Tgt Ion: 95 Resp: 54811

Ion Ratio Lower Upper

95 100

174 79.8 0.0 163.4

176 77.5 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

40000

30000

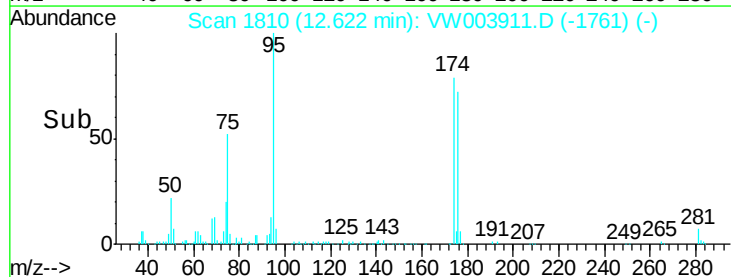
20000

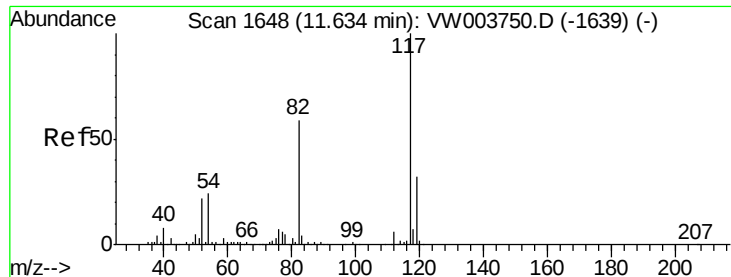
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Time-->

12.55 12.60 12.65

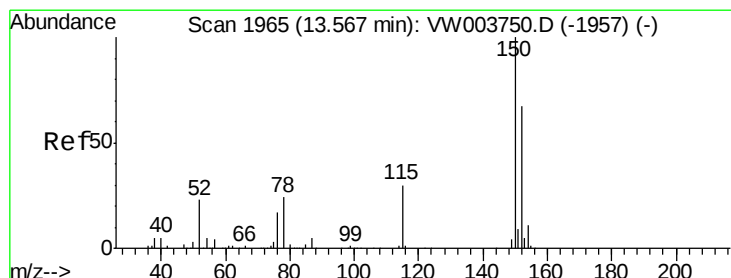
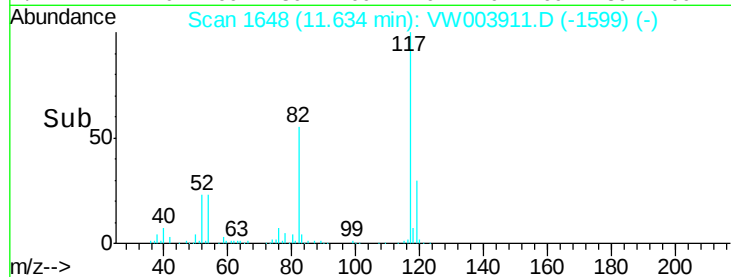
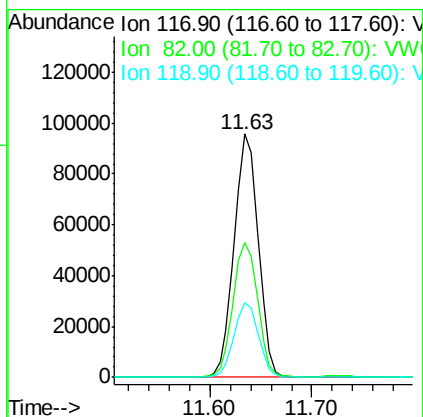
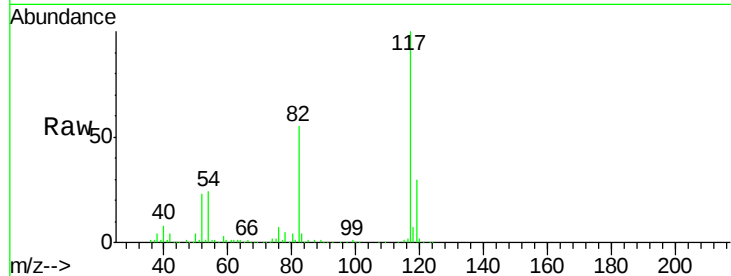




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003911.D
Acq: 12 Jul 2018 21:24

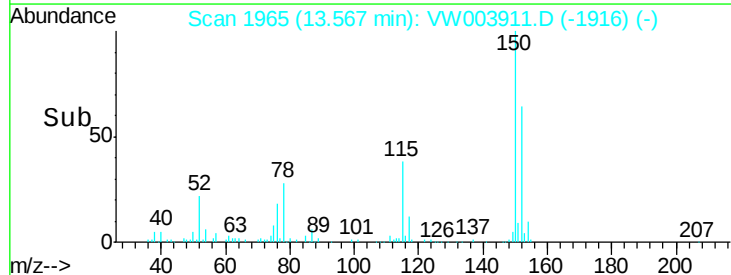
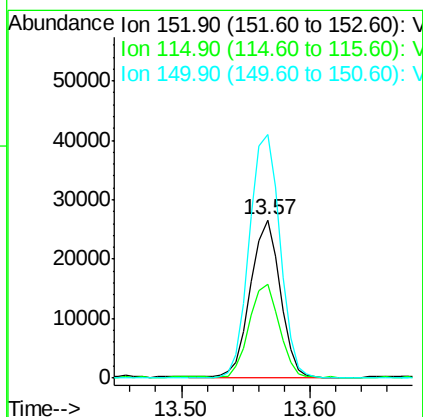
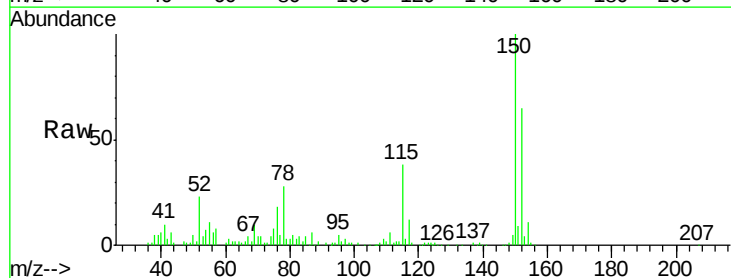
Instrument :
MSVOA_W
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PAR-4

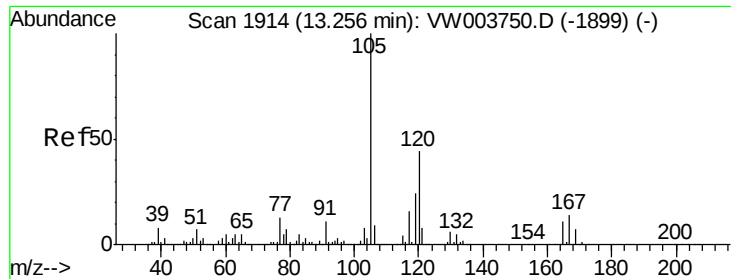
Tot Ion:117 Resp: 156081
Ion Ratio Lower Upper
117 100
82 54.9 46.9 70.3
119 30.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003911.D
Acq: 12 Jul 2018 21:24

Tgt Ion:152 Resp: 42536
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 159.0 0.0 342.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.384 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003911.D
 Acq: 12 Jul 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-4

Tot Ion:105 Resp: 3569
 Ion Ratio Lower Upper
 105 100
 120 40.0 22.0 66.0

