

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003959.D
 Acq On : 16 Jul 2018 18:50
 Operator : VA/AP
 Sample : J3975-03
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-6

Quant Time: Jul 17 08:41:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	10043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	11074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4059	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	5717	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
35) Dibromofluoromethane	7.88	113	5183	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
50) Toluene-d8	10.33	98	16442	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	
62) 4-Bromofluorobenzene	12.63	95	12167	89.87	ug/l	0.00
Spiked Amount			Recovery	=	179.74%	

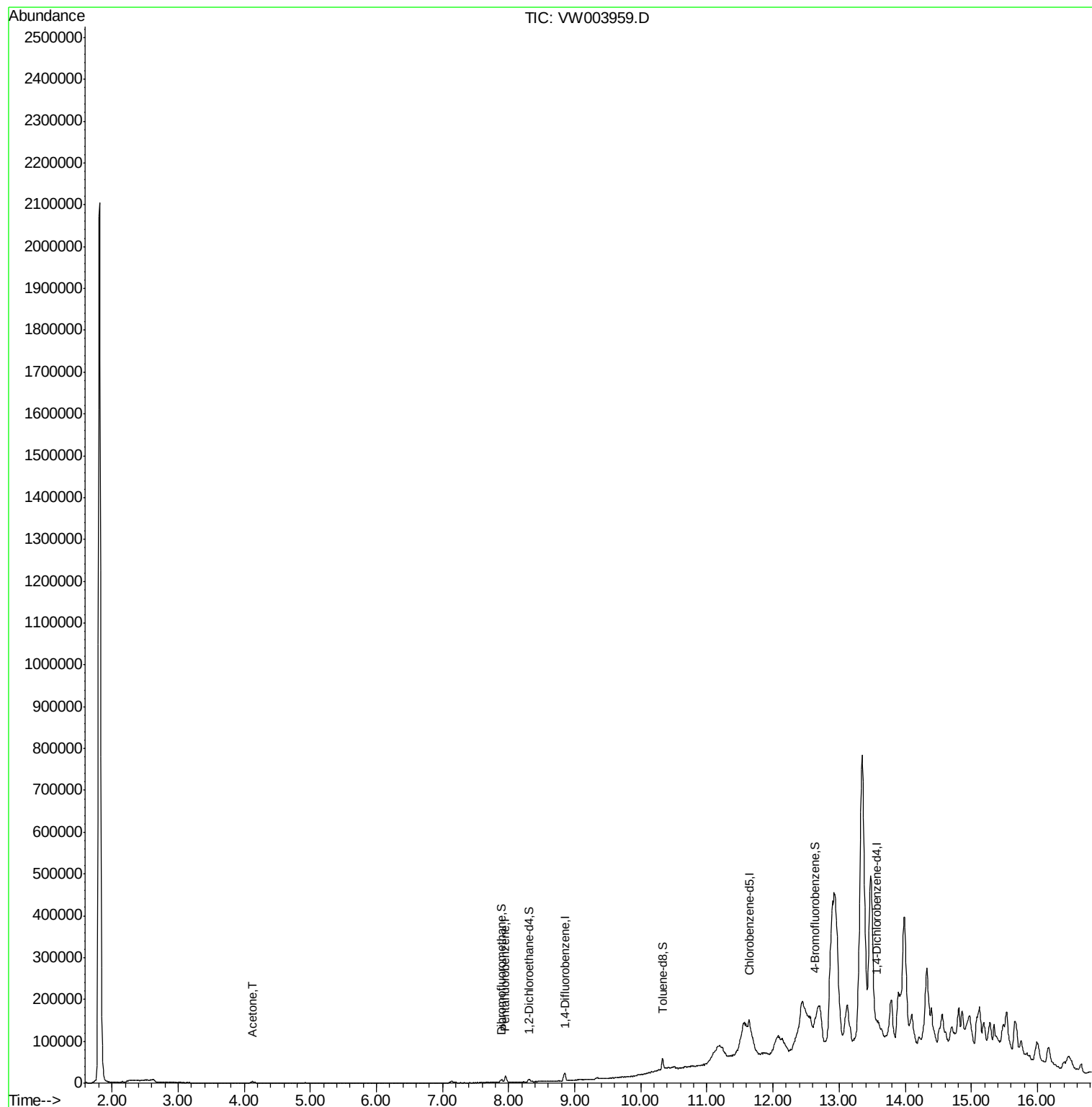
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	6809	252.41	ug/l	98

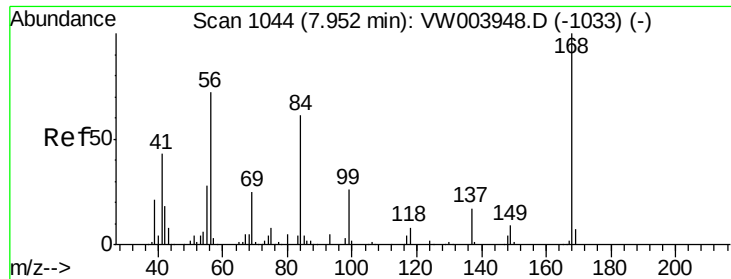
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003959.D

Acq: 16 Jul 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

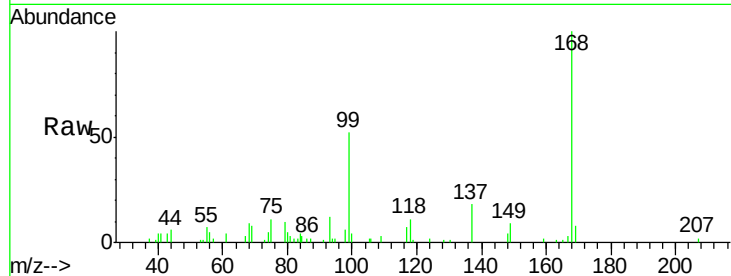
PAR-6

Tot Ion:168 Resp: 10043

Ion Ratio Lower Upper

168 100

99 52.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

5000

4000

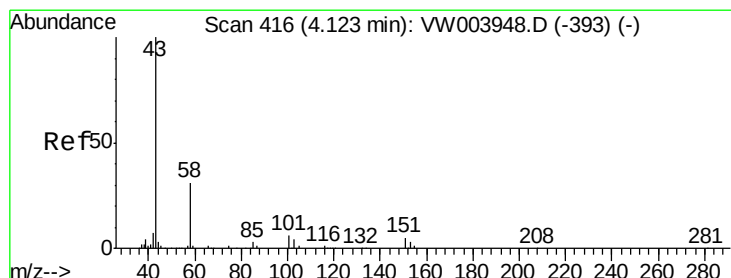
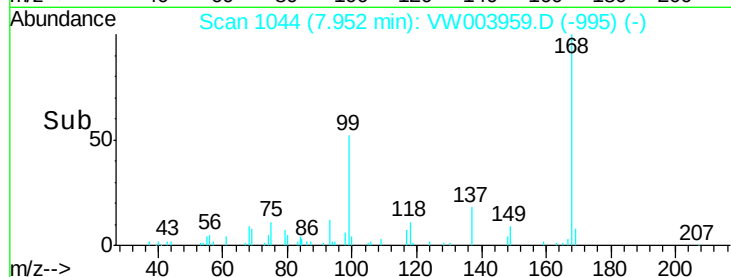
3000

2000

1000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 252.41 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW003959.D

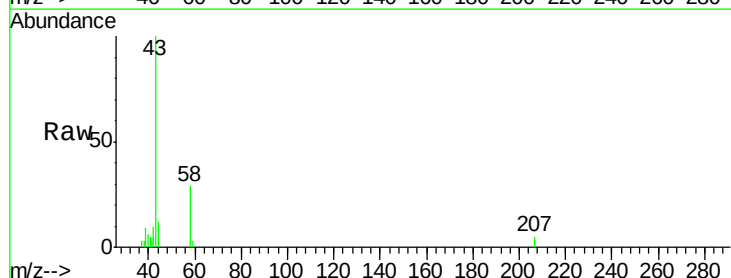
Acq: 16 Jul 2018 18:50

Tgt Ion: 43 Resp: 6809

Ion Ratio Lower Upper

43 100

58 29.4 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

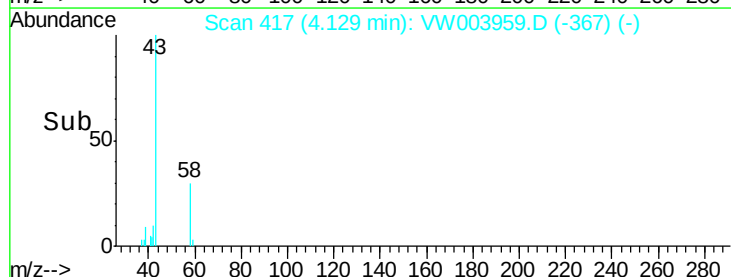
1500

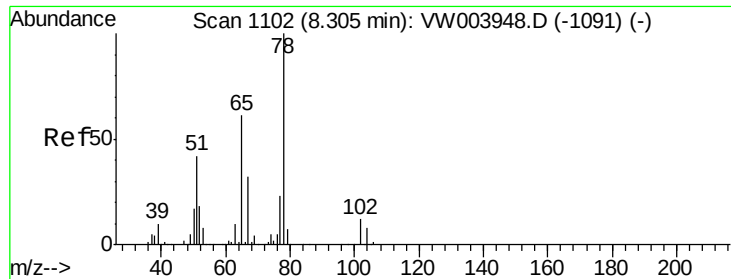
1000

500

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 50.93 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003959.D

Acq: 16 Jul 2018 18:50

Instrument :

MSVOA_W

ClientSampled :

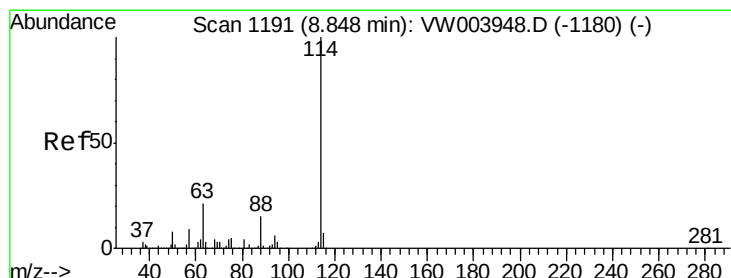
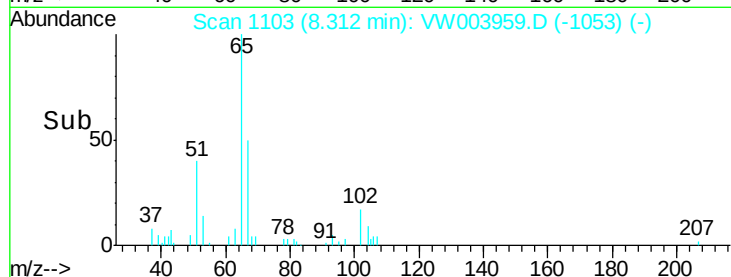
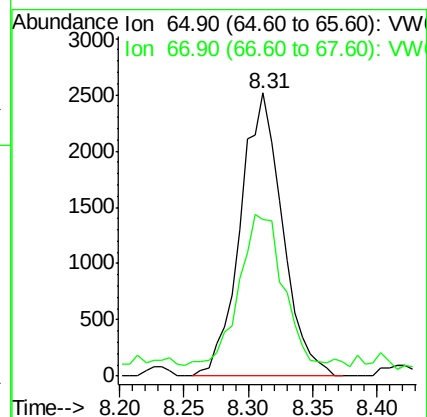
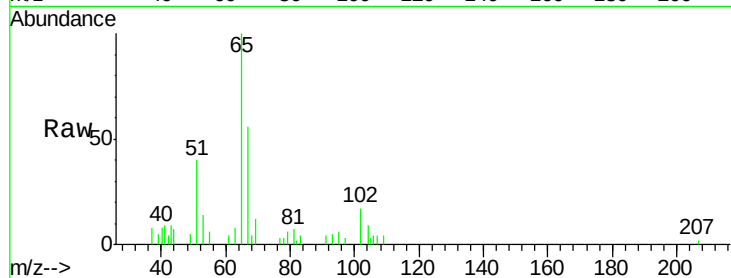
PAR-6

Tot Ion: 65 Resp: 5717

Ion Ratio Lower Upper

65 100

67 55.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003959.D

Acq: 16 Jul 2018 18:50

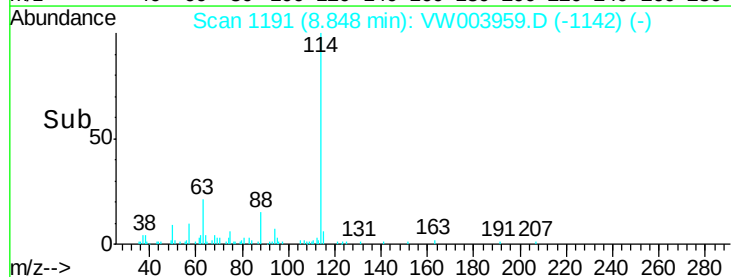
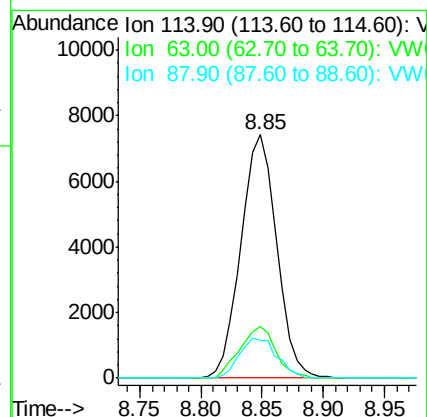
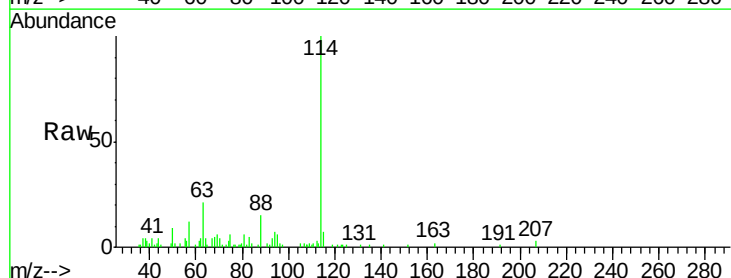
Tgt Ion: 114 Resp: 15080

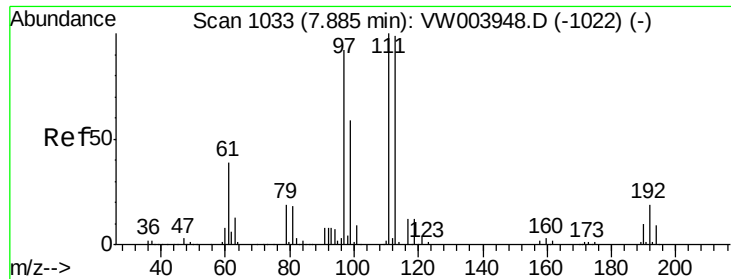
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 15.3 0.0 30.4

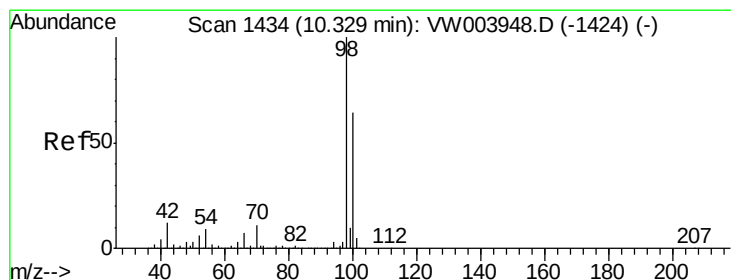
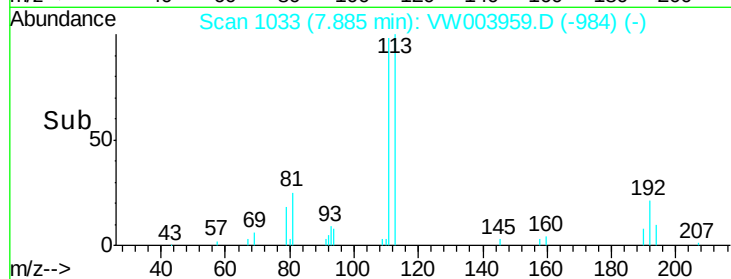
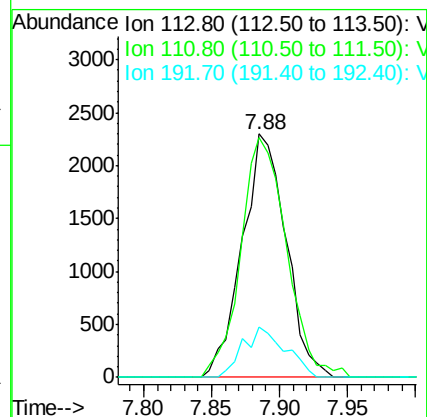
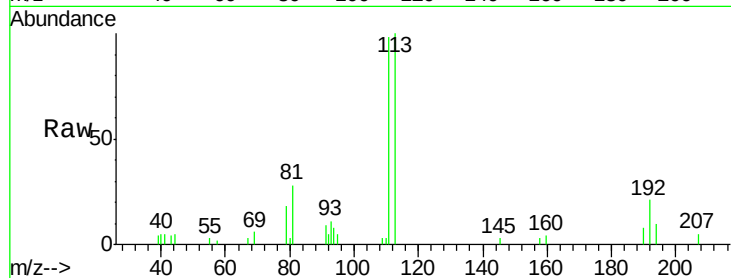




#35
 Dibromofluoromethane
 Concen: 53.57 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003959.D
 Acq: 16 Jul 2018 18:50

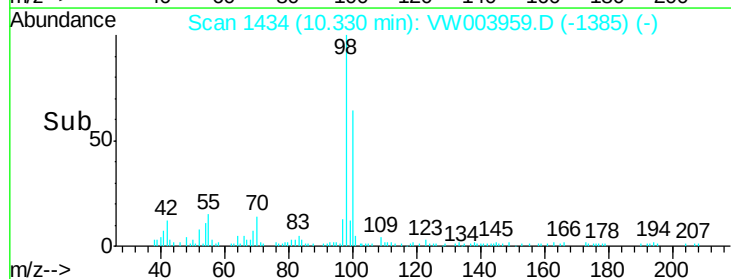
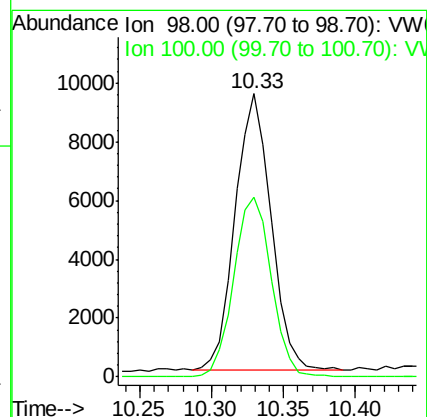
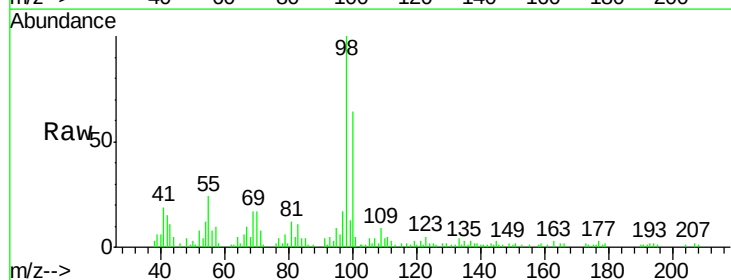
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-6

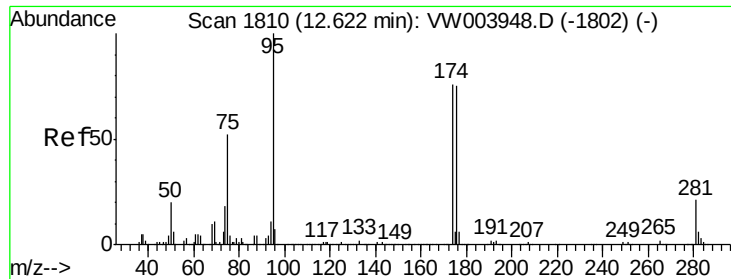
Tot Ion:113 Resp: 5183
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.3 121.9
 192 19.9 15.8 23.6



#50
 Toluene-d8
 Concen: 43.79 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003959.D
 Acq: 16 Jul 2018 18:50

Tgt Ion: 98 Resp: 16442
 Ion Ratio Lower Upper
 98 100
 100 67.7 51.2 76.8

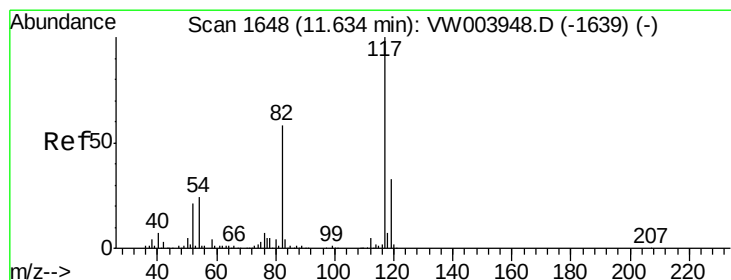
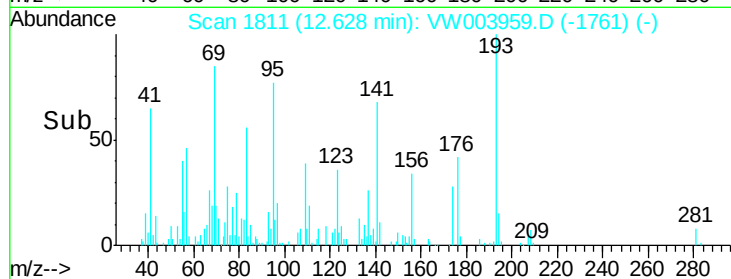
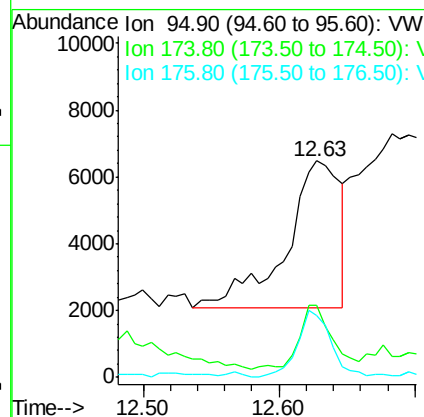
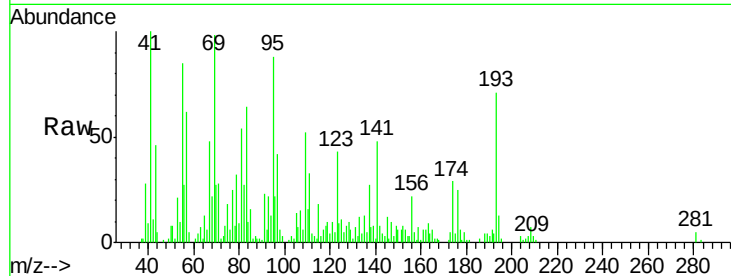




#62
 4-Bromofluorobenzene
 Concen: 89.87 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW003959.D
 Acq: 16 Jul 2018 18:50

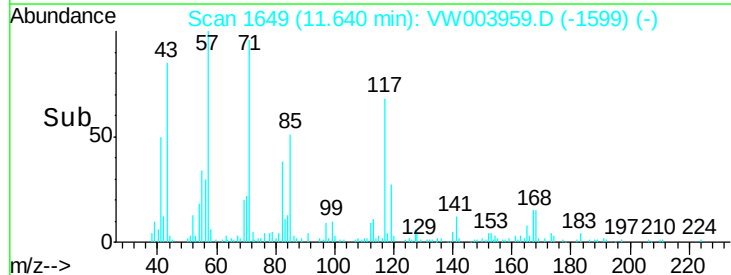
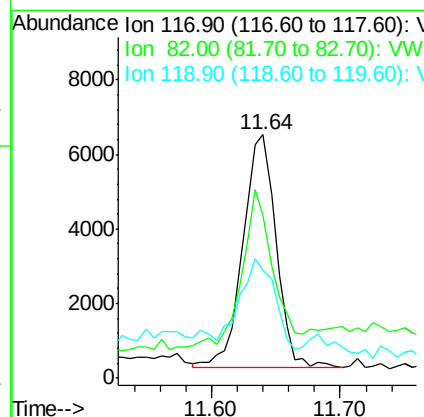
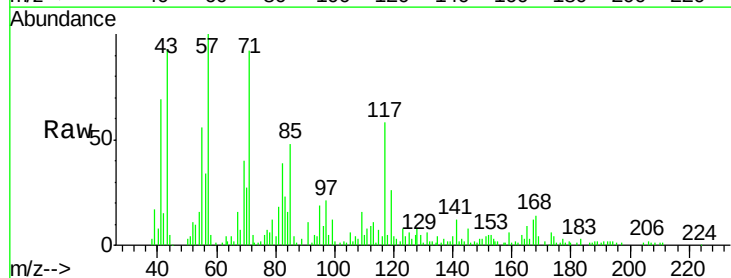
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-6

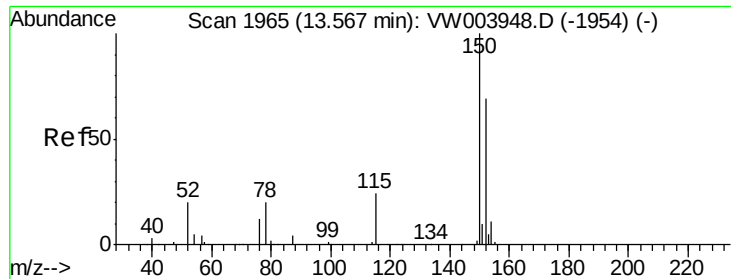
Tot Ion: 95 Resp: 12167
 Ion Ratio Lower Upper
 95 100
 174 26.2 0.0 160.2
 176 28.3 0.0 155.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.64 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: VW003959.D
 Acq: 16 Jul 2018 18:50

Tgt Ion: 117 Resp: 11074
 Ion Ratio Lower Upper
 117 100
 82 56.4 46.5 69.7
 119 33.2 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003959.D

Acq: 16 Jul 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

PAR-6

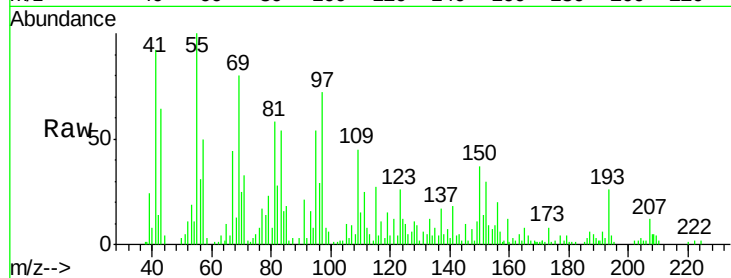
Tot Ion:152 Resp: 4059

Ion Ratio Lower Upper

152 100

115 0.0 29.2 87.6#

150 113.2 0.0 345.2



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

