

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012802.D
 Acq On : 09 Sep 2019 05:59
 Operator : SY/VA
 Sample : K4623-14
 Misc : 7.20G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D2-(4)

Quant Time: Sep 09 07:58:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

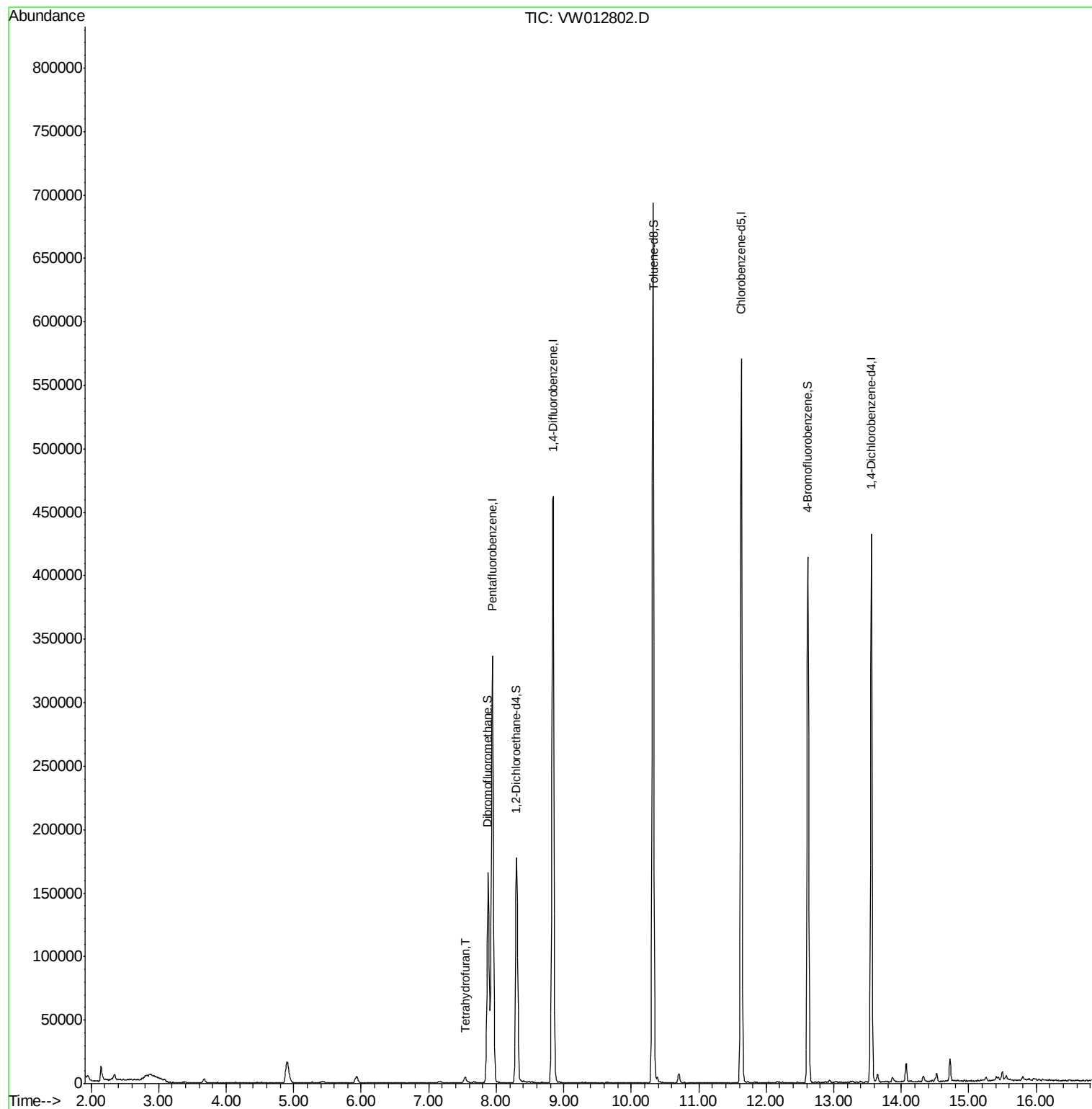
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	149821	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.88	113	114619	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.32	98	451809	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.62	95	131884	40.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.82%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	4155	6.572	ug/l	Qvalue 95

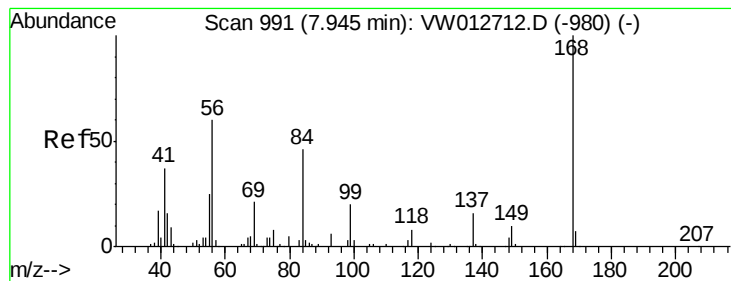
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012802.D

Acq: 09 Sep 2019 05:59

Instrument :

MSVOA_W

ClientSampleId :

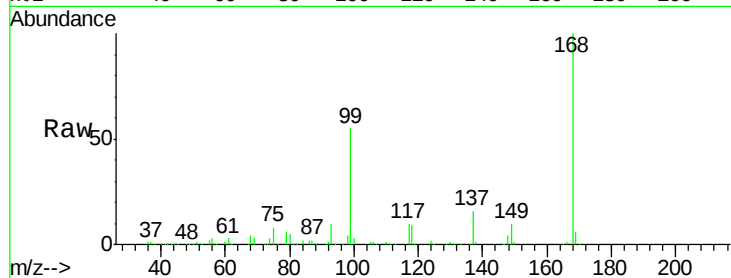
PAR-11-D2-(4)

Tot Ion:168 Resp: 257003

Ion Ratio Lower Upper

168 100

99 55.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

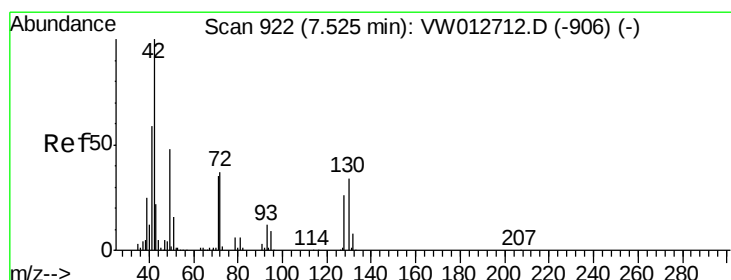
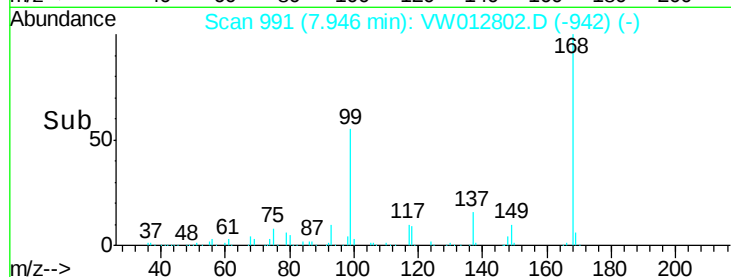
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 6.572 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW012802.D

Acq: 09 Sep 2019 05:59

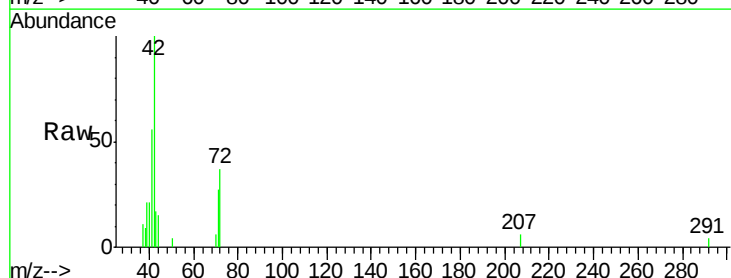
Tgt Ion: 42 Resp: 4155

Ion Ratio Lower Upper

42 100

72 36.6 28.4 42.6

71 29.5 27.1 40.7



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

2000

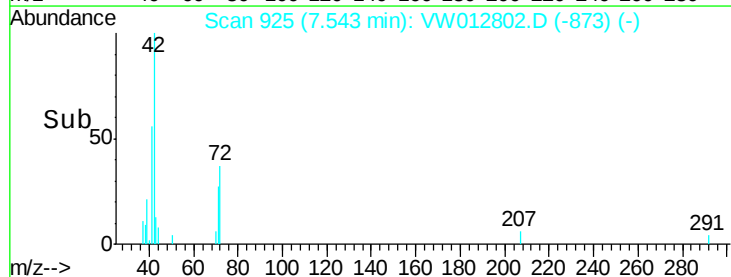
1500

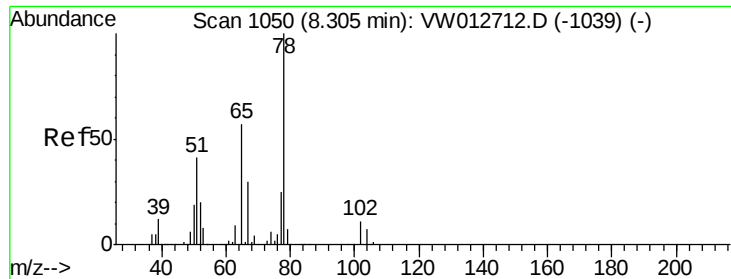
1000

500

0

Time--> 7.45 7.50 7.55 7.60

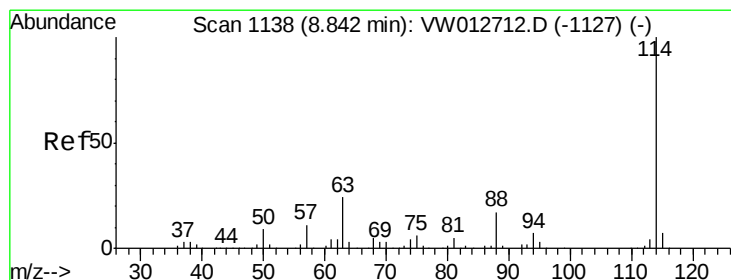
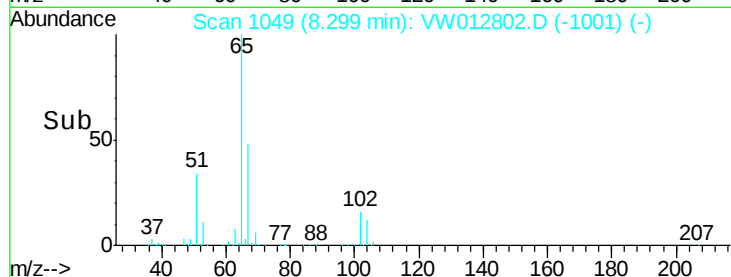
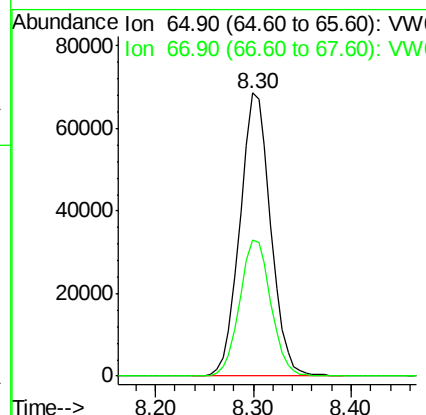
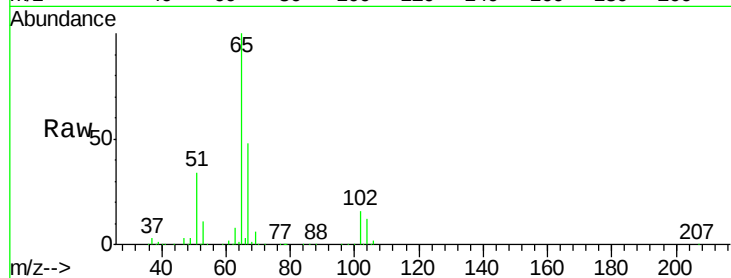




#33
 1,2-Dichloroethane-d4
 Concen: 52.174 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012802.D
 Acq: 09 Sep 2019 05:59

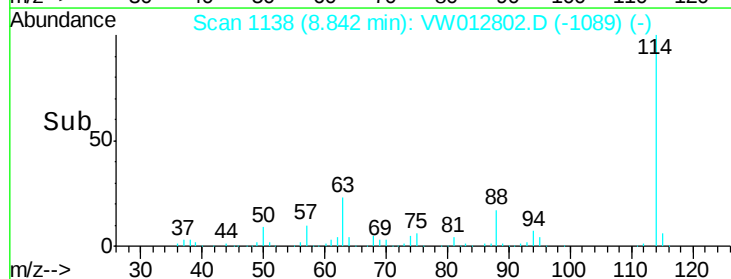
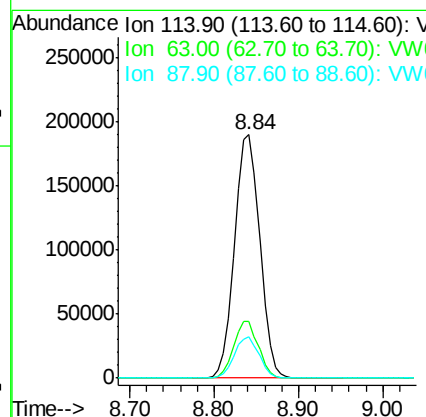
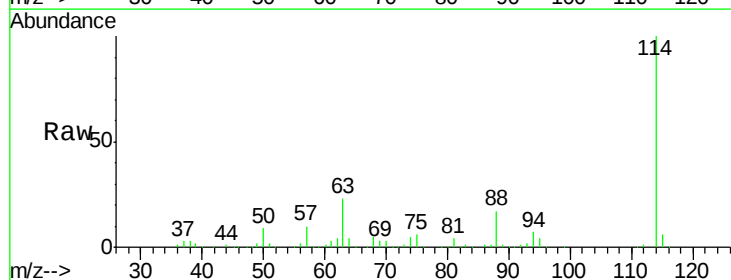
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D2-(4)

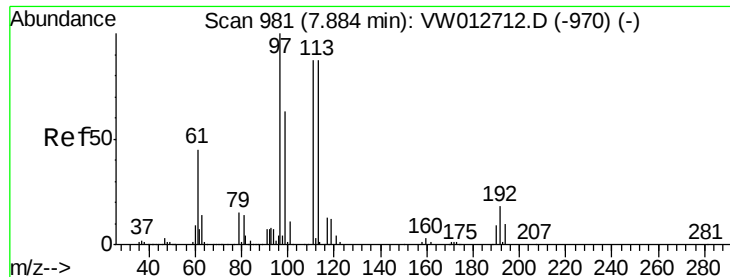
Tot Ion: 65 Resp: 149821
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012802.D
 Acq: 09 Sep 2019 05:59

Tgt Ion: 114 Resp: 386000
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.8 0.0 34.0

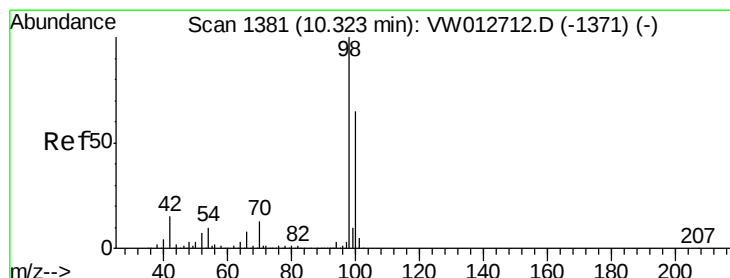
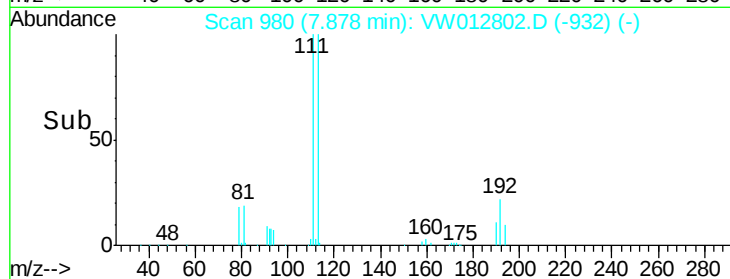
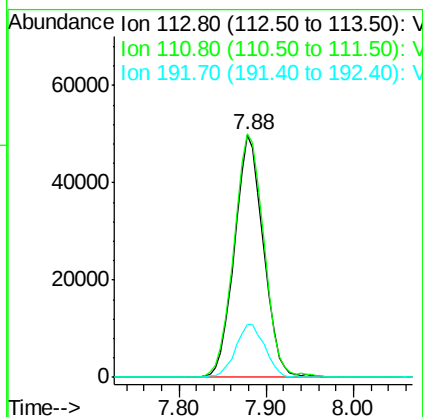
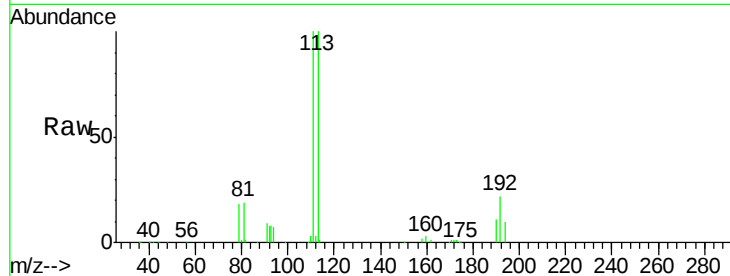




#35
 Dibromofluoromethane
 Concen: 49.946 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012802.D
 Acq: 09 Sep 2019 05:59

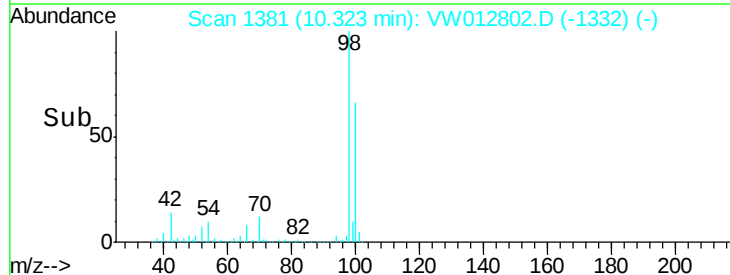
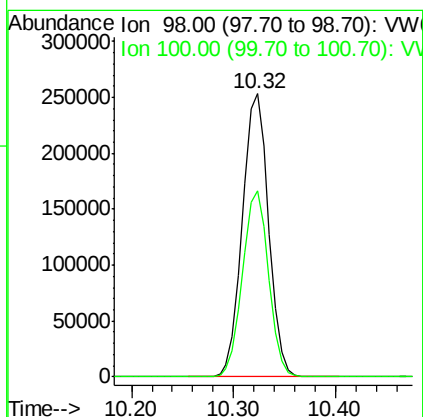
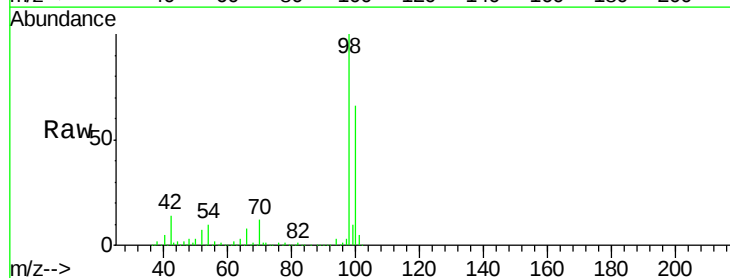
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D2-(4)

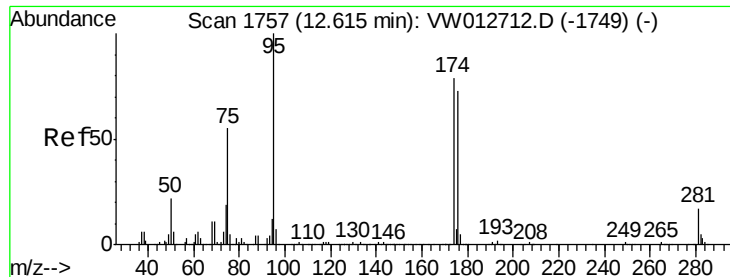
Tot Ion:113 Resp: 114619
 Ion Ratio Lower Upper
 113 100
 111 104.4 80.2 120.4
 192 22.3 17.3 25.9



#50
 Toluene-d8
 Concen: 50.252 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012802.D
 Acq: 09 Sep 2019 05:59

Tgt Ion: 98 Resp: 451809
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.2 78.4

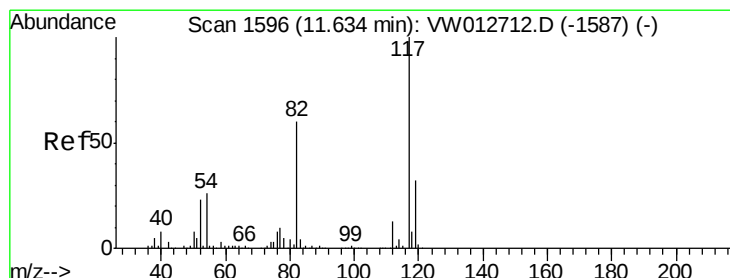
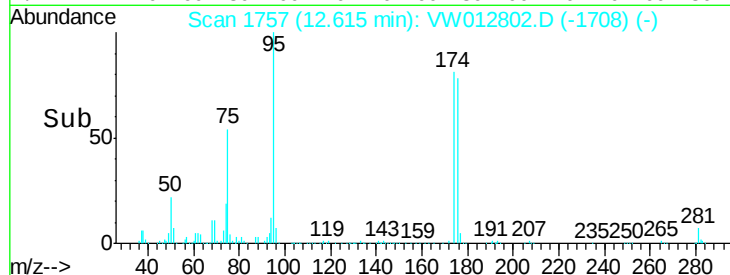
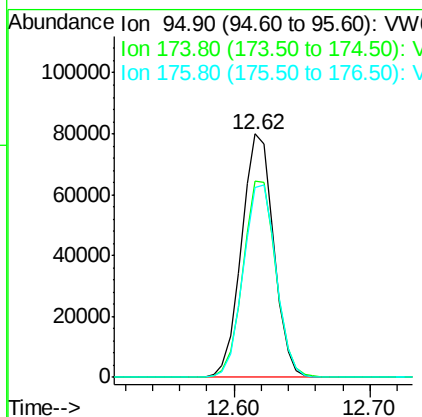
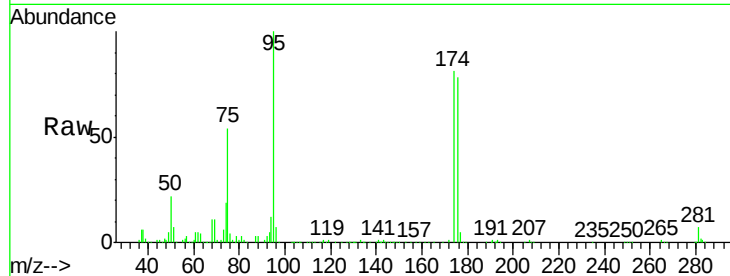




#62
4-Bromofluorobenzene
Concen: 40.406 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012802.D
Acq: 09 Sep 2019 05:59

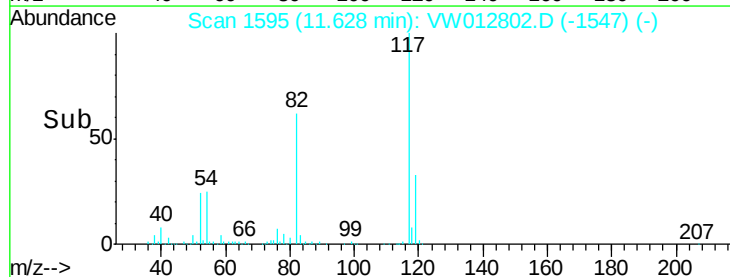
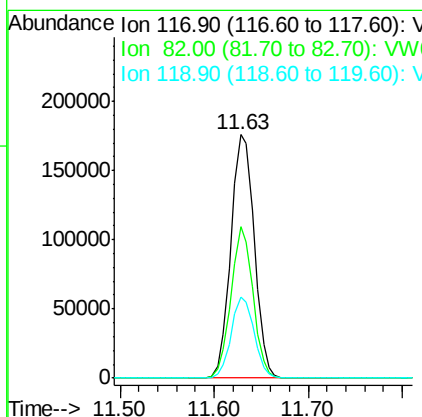
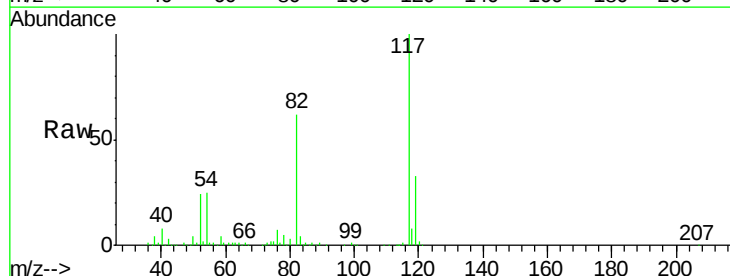
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D2-(4)

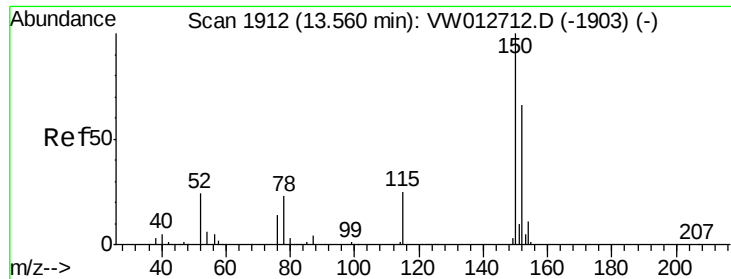
Tot Ion: 95 Resp: 131884
Ion Ratio Lower Upper
95 100
174 82.4 0.0 161.0
176 81.3 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012802.D
Acq: 09 Sep 2019 05:59

Tgt Ion: 117 Resp: 304135
Ion Ratio Lower Upper
117 100
82 62.0 48.2 72.4
119 33.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012802.D

Acq: 09 Sep 2019 05:59

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D2-(4)

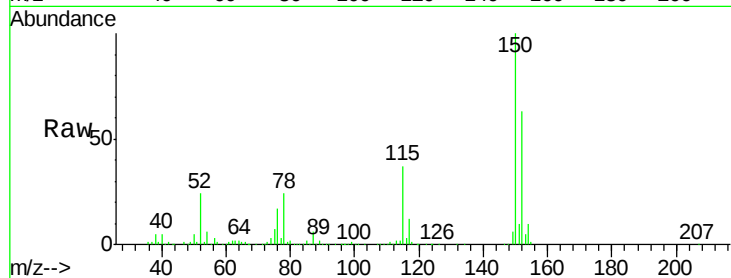
Tot Ion:152 Resp: 111042

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.1

150 158.6 0.0 349.0



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

