

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012868.D
 Acq On : 10 Sep 2019 14:16
 Operator : SY/VA
 Sample : K4623-20
 Misc : 6.17G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-E3-(0)

Quant Time: Sep 10 17:53:50 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

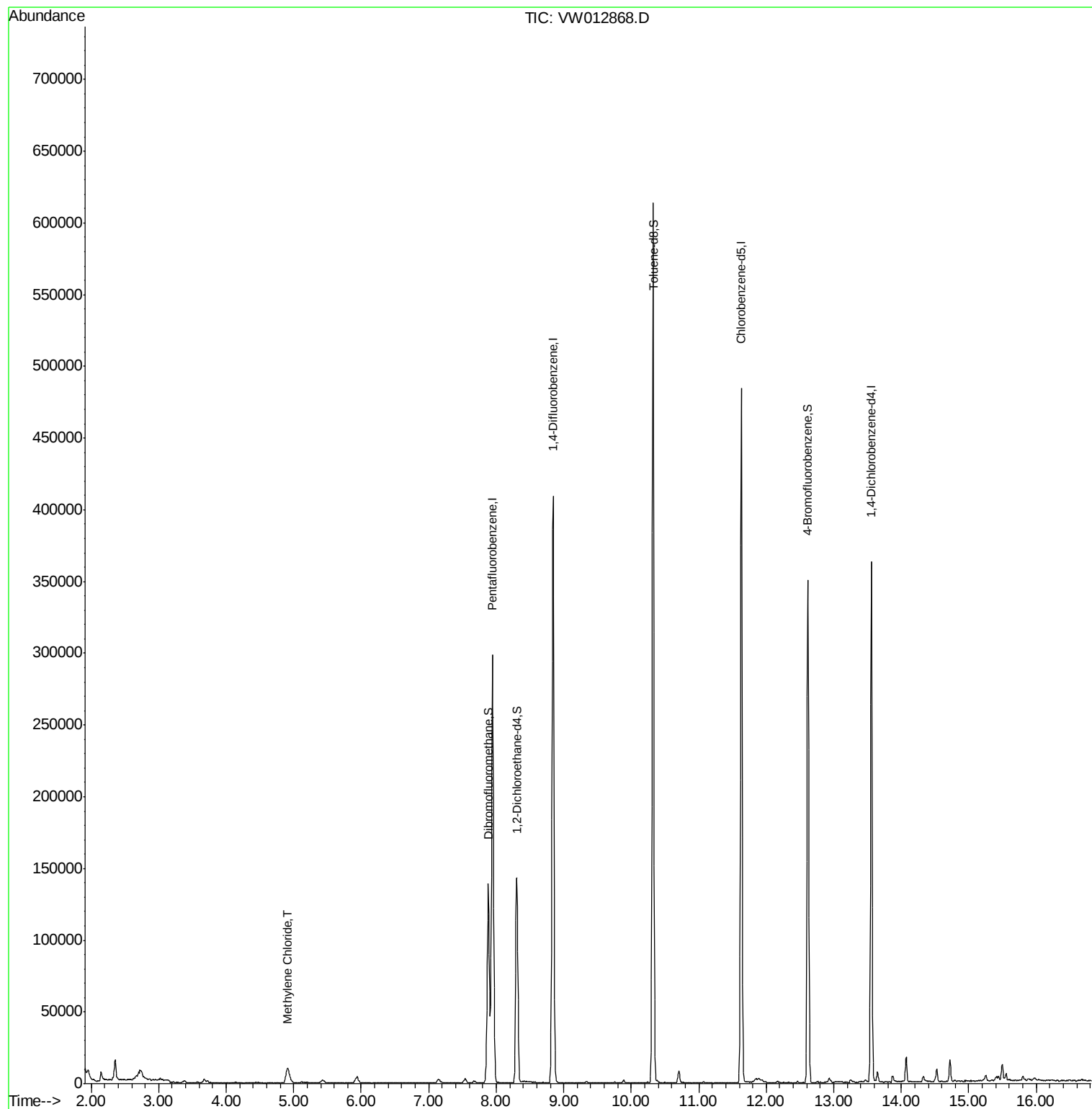
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118764	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
35) Dibromofluoromethane	7.88	113	98294	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	10.32	98	391805	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.62	95	114100	39.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.44%	
Target Compounds						
20) Methylene Chloride	4.92	84	7967	3.753	ug/l #	Qvalue 79

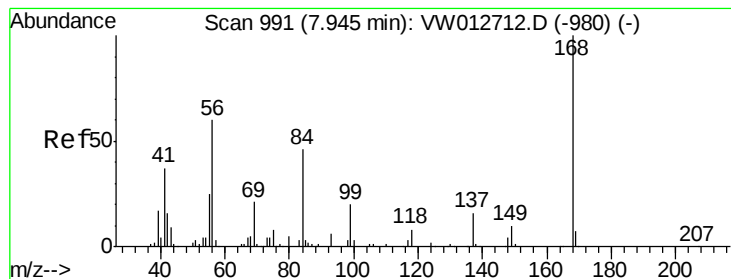
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012868.D

Acq: 10 Sep 2019 14:16

Instrument :

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ClientSampleId :

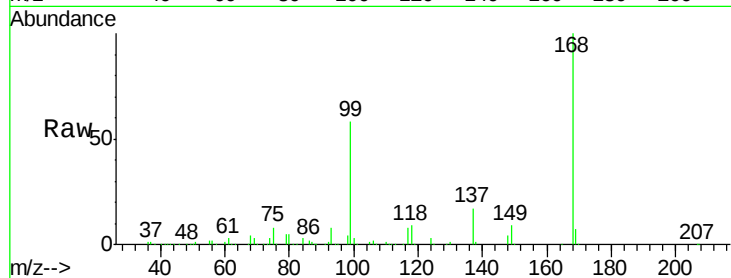
PAR-11-E3-(0)

Tot Ion:168 Resp: 222770

Ion Ratio Lower Upper

168 100

99 57.5 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

120000

100000

80000

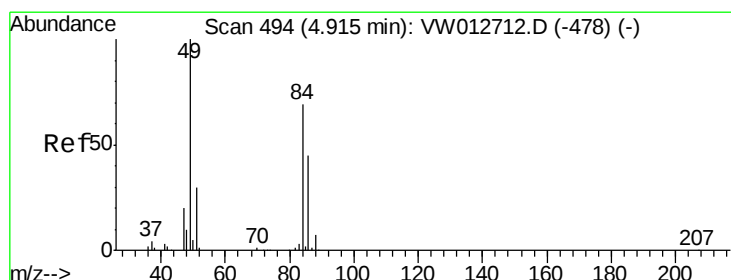
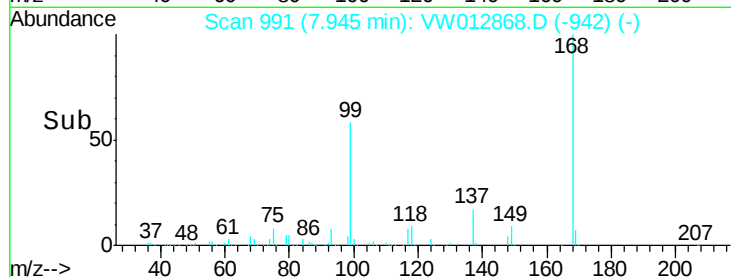
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 3.753 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012868.D

Acq: 10 Sep 2019 14:16

Tgt Ion: 84 Resp: 7967

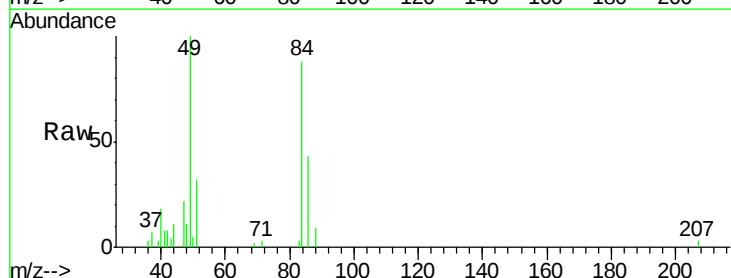
Ion Ratio Lower Upper

84 100

49 113.5 115.4 173.0#

51 36.4 34.9 52.3

86 48.9 52.2 78.4#



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

5000

4000

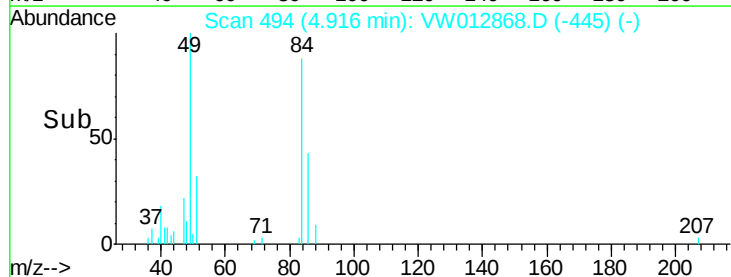
3000

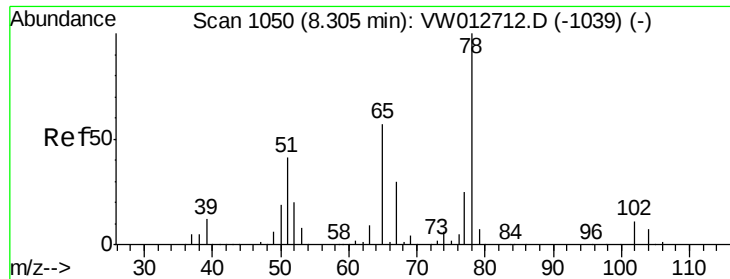
2000

1000

0

Time--> 4.80 4.90 5.00

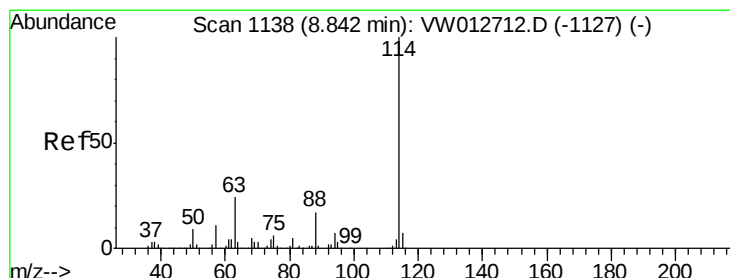
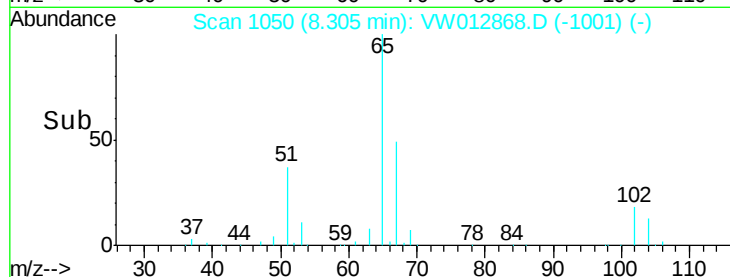
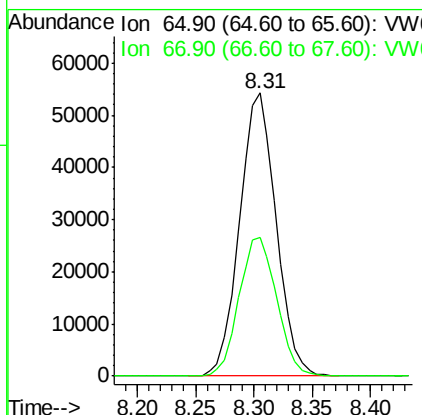
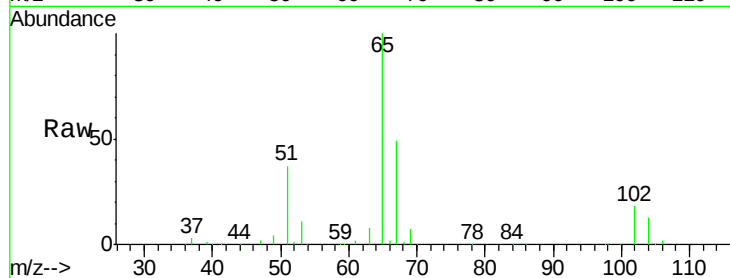




#33
 1,2-Dichloroethane-d4
 Concen: 47.714 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012868.D
 Acq: 10 Sep 2019 14:16

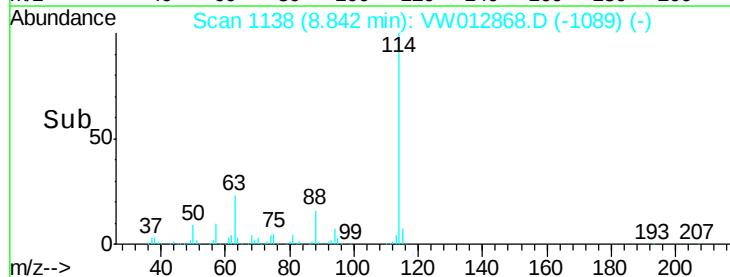
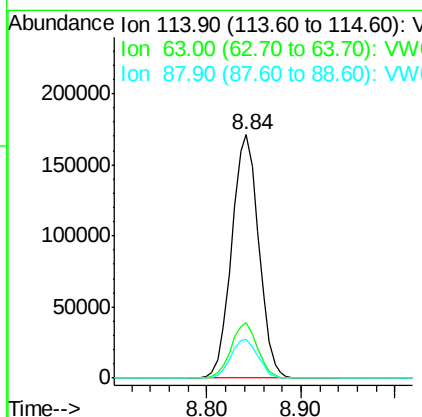
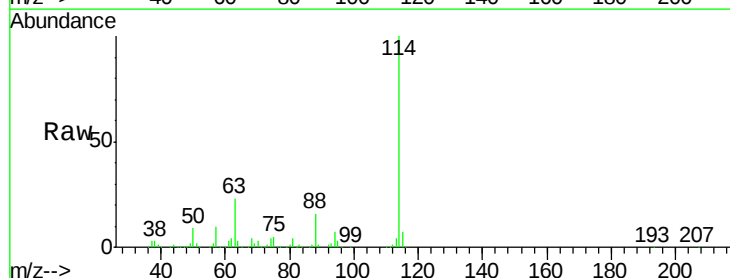
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-E3-(0)

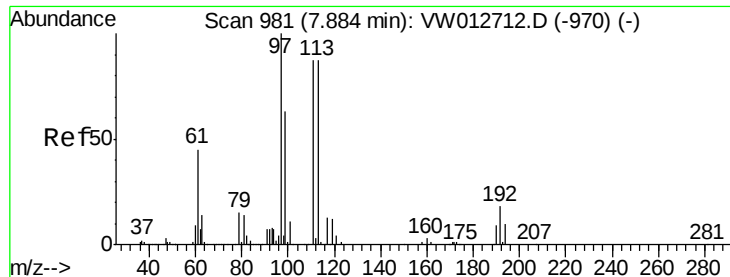
Tot Ion: 65 Resp: 118764
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012868.D
 Acq: 10 Sep 2019 14:16

Tgt Ion: 114 Resp: 339680
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 15.9 0.0 34.0

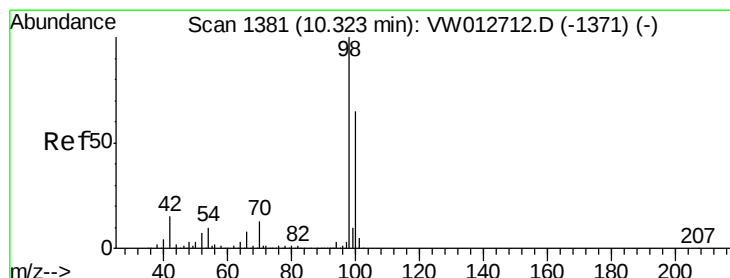
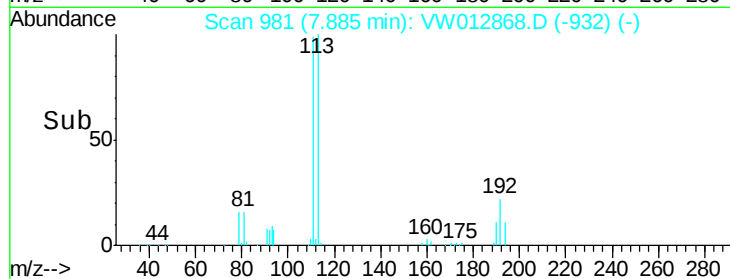
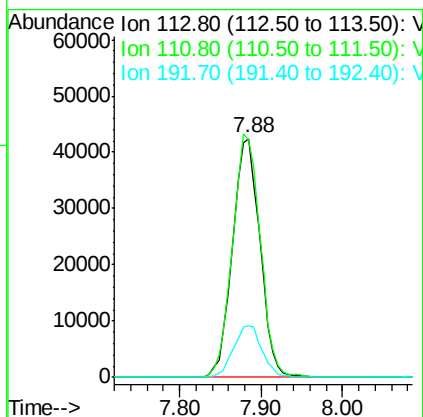
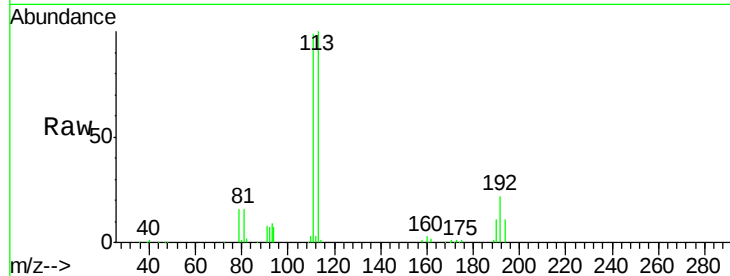




#35
 Dibromofluoromethane
 Concen: 48.673 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012868.D
 Acq: 10 Sep 2019 14:16

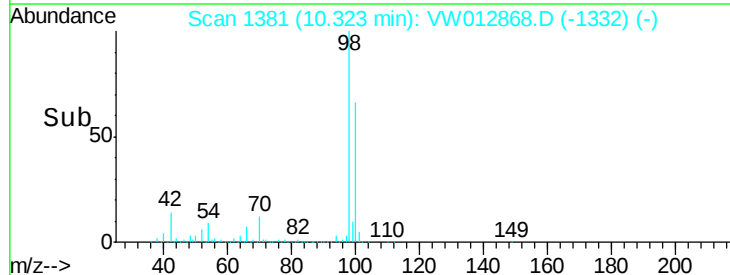
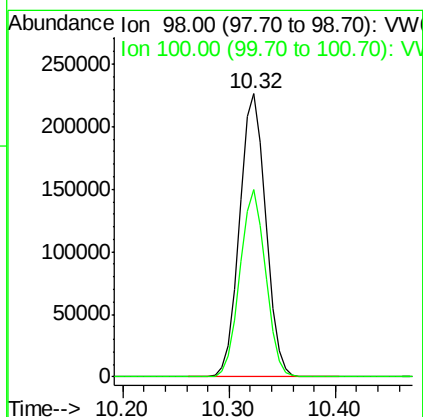
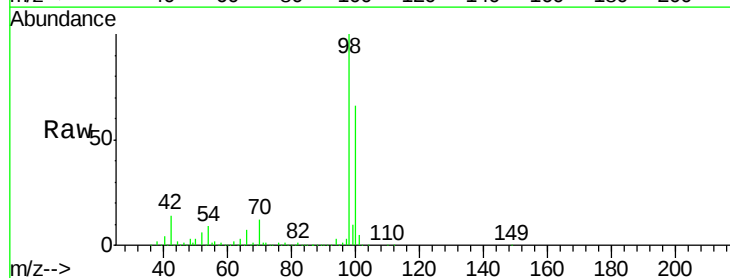
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-E3-(0)

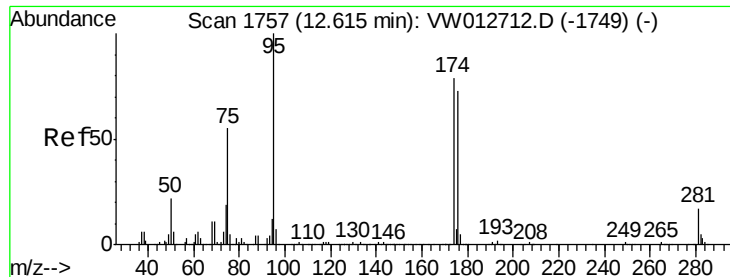
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.2	120.4
192	22.2	17.3	25.9



#50
 Toluene-d8
 Concen: 49.521 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012868.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4

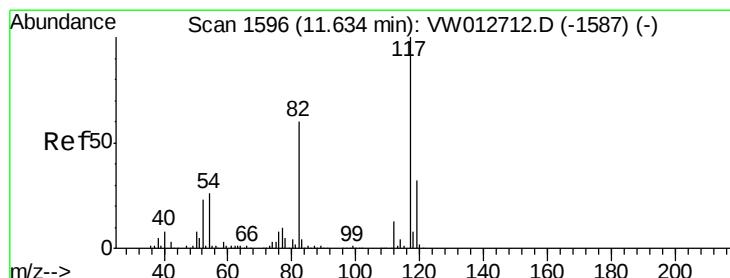
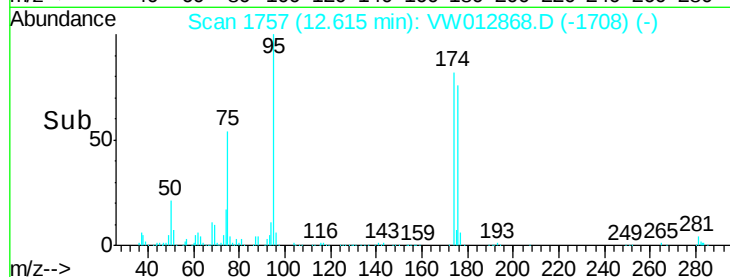
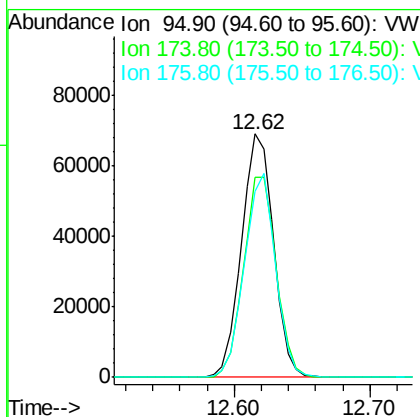
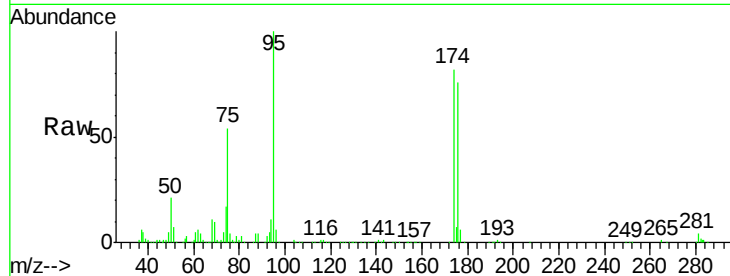




#62
4-Bromofluorobenzene
Concen: 39.725 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012868.D
Acq: 10 Sep 2019 14:16

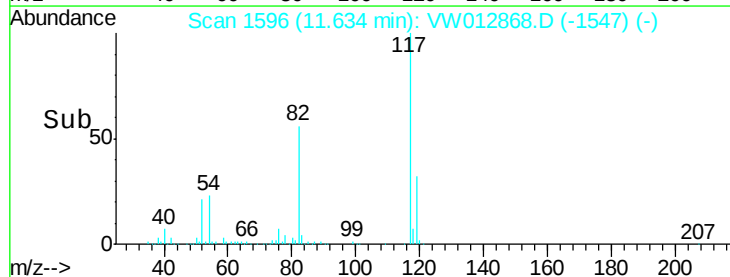
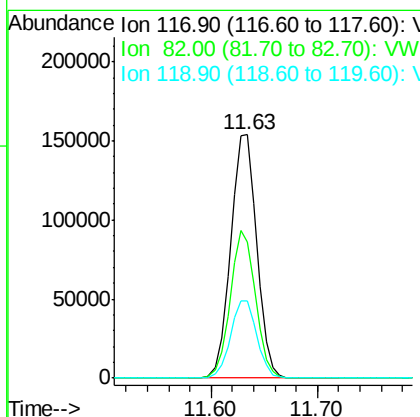
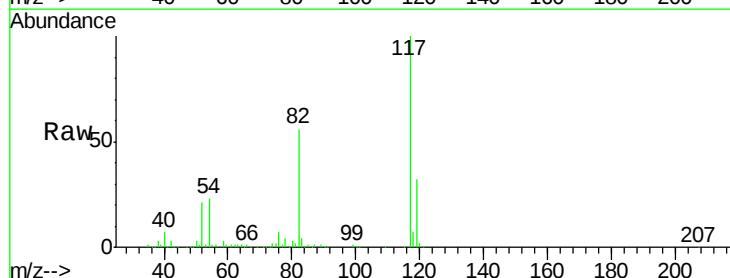
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E3-(0)

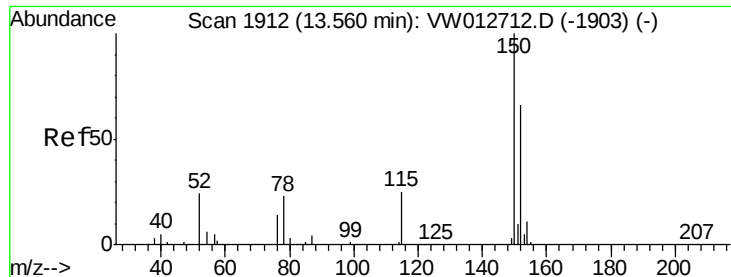
Tot Ion	95	Resp	114	100
Ion Ratio	100			
Lower				
Upper				
95	100			
174	83.7	0.0	161.0	
176	81.5	0.0	156.4	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012868.D
Acq: 10 Sep 2019 14:16

Tgt Ion	117	Resp	265	074
Ion Ratio <td>100</td> <td></td> <td></td> <td></td>	100			
Lower <td></td> <td></td> <td></td> <td></td>				
Upper <td></td> <td></td> <td></td> <td></td>				
117	100			
82	55.8	48.2	72.4	
119	31.6	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: VW012868.D

Acq: 10 Sep 2019 14:16

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-E3-(0)

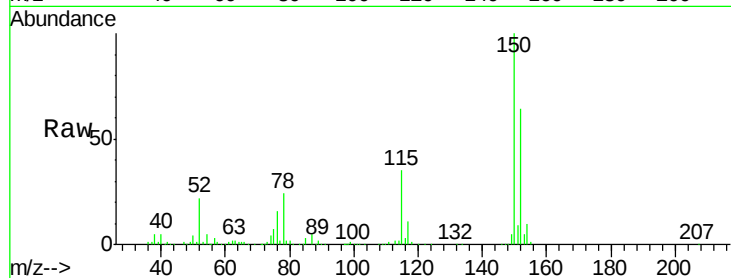
Tot Ion:152 Resp: 96003

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.1

150 154.5 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

