

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012768.D
 Acq On : 08 Sep 2019 14:44
 Operator : SY/VA
 Sample : K4603-05
 Misc : 2.59G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 09 07:27:42 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

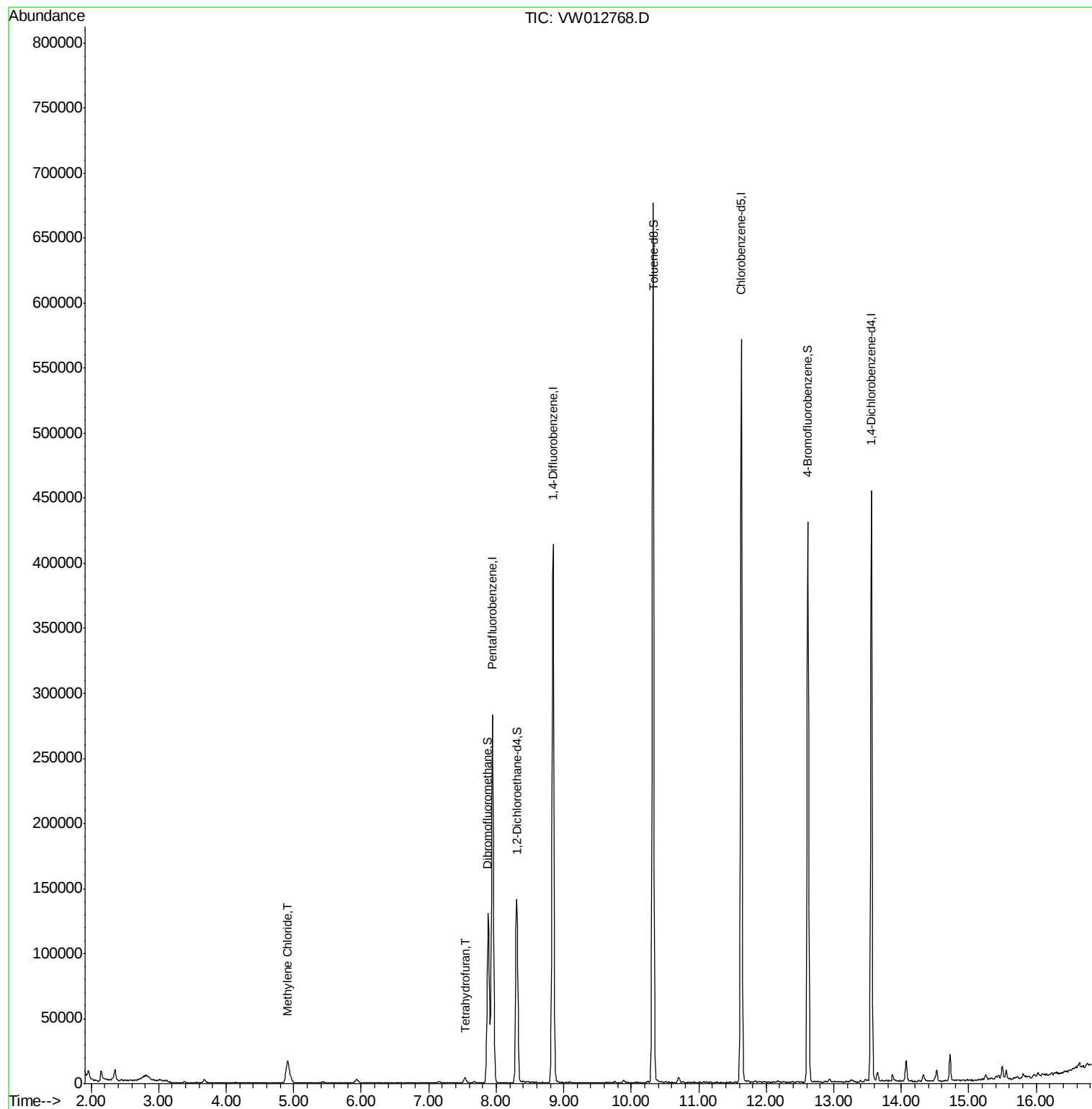
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	121815	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
35) Dibromofluoromethane	7.88	113	94227	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.32	98	430886	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
62) 4-Bromofluorobenzene	12.62	95	131625	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
Target Compounds						
20) Methylene Chloride	4.92	84	12550	6.314	ug/l	95
29) Tetrahydrofuran	7.54	42	3385	6.597	ug/l #	83

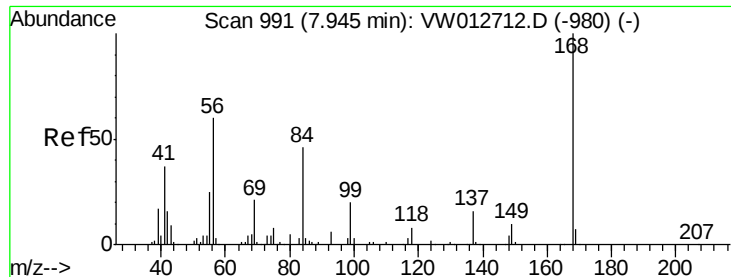
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012768.D

Acq: 08 Sep 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

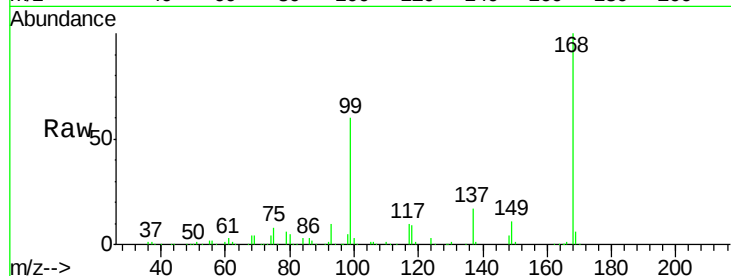
PAR-E3-(0)

Tot Ion:168 Resp: 208589

Ion Ratio Lower Upper

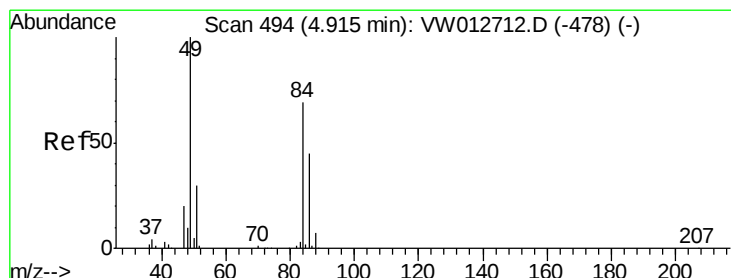
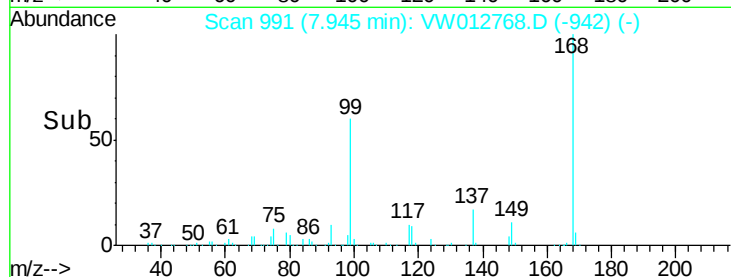
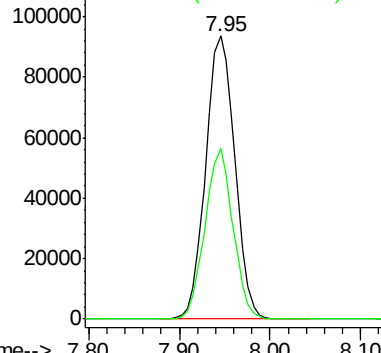
168 100

99 60.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 6.314 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012768.D

Acq: 08 Sep 2019 14:44

Tgt Ion: 84 Resp: 12550

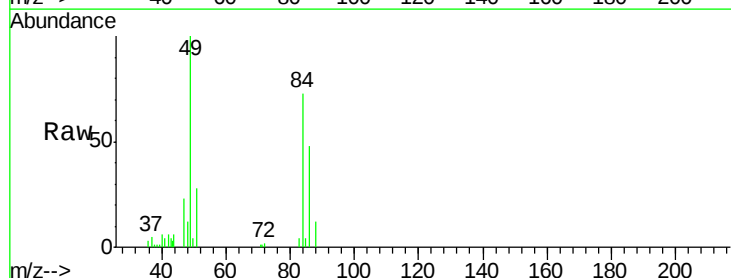
Ion Ratio Lower Upper

84 100

49 136.6 115.4 173.0

51 37.9 34.9 52.3

86 66.2 52.2 78.4

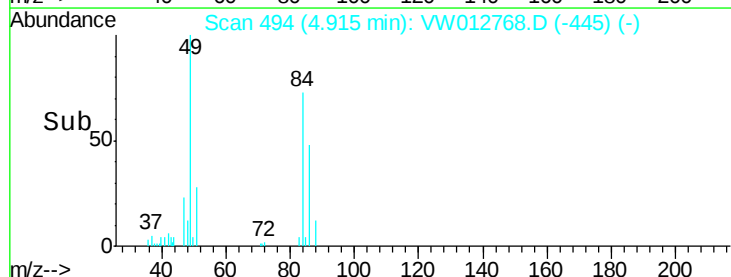
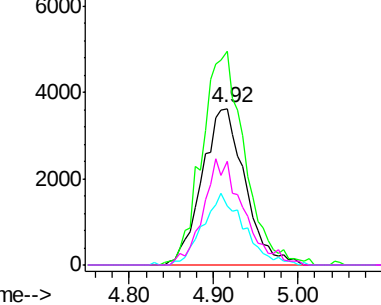


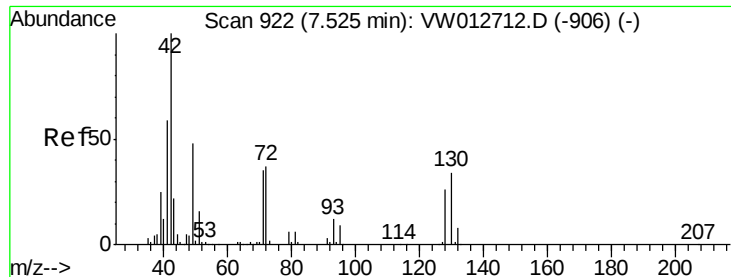
Abundance Ion 83.90 (83.60 to 84.60): VW

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

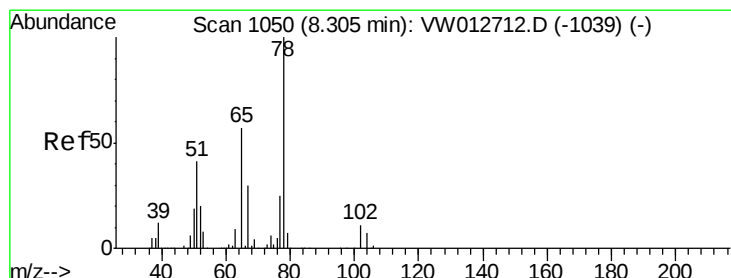
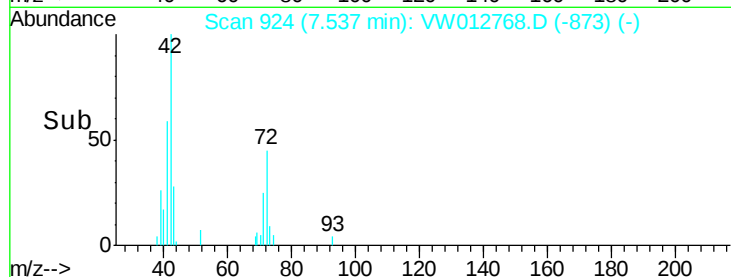
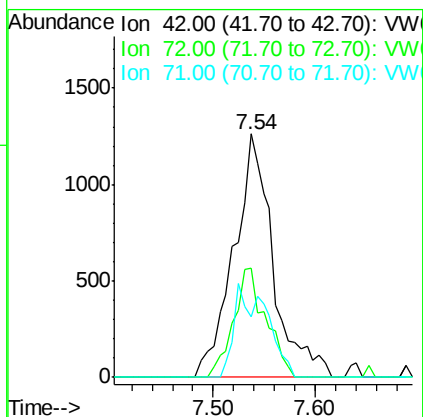
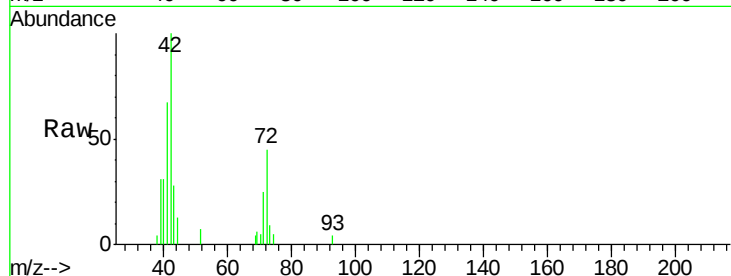




#29
Tetrahydrofuran
Concen: 6.597 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012768.D
Acq: 08 Sep 2019 14:44

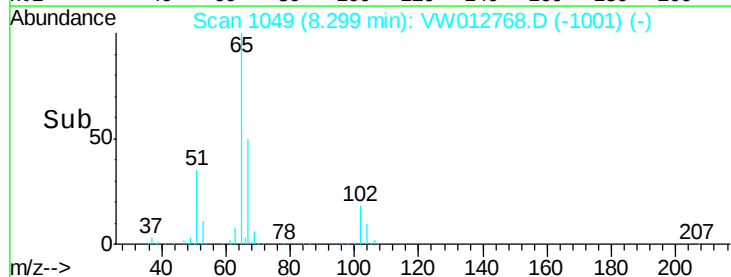
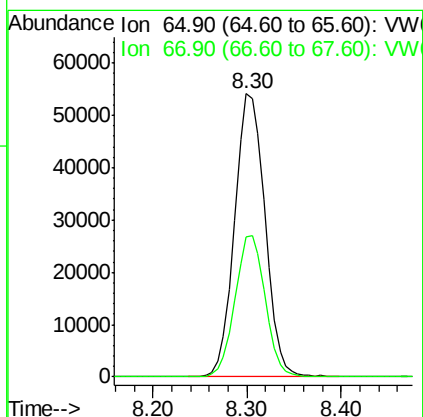
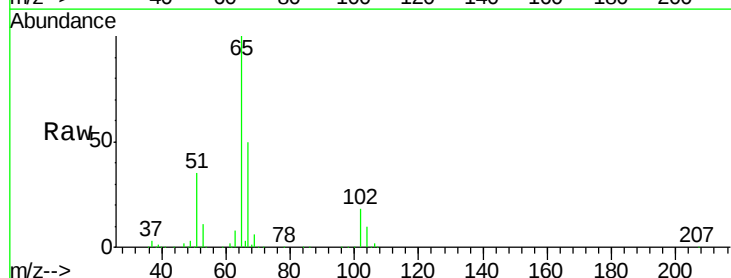
Instrument :
MSVOA_W
ClientSampleId :
PAR-E3-(0)

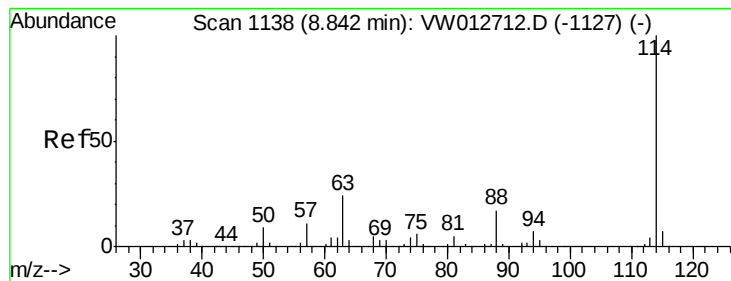
Tot Ion: 42 Resp: 3385
Ion Ratio Lower Upper
42 100
72 36.8 28.4 42.6
71 15.4 27.1 40.7#



#33
1,2-Dichloroethane-d4
Concen: 52.267 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012768.D
Acq: 08 Sep 2019 14:44

Tgt Ion: 65 Resp: 121815
Ion Ratio Lower Upper
65 100
67 49.7 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: VW012768.D

Acq: 08 Sep 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

PAR-E3-(0)

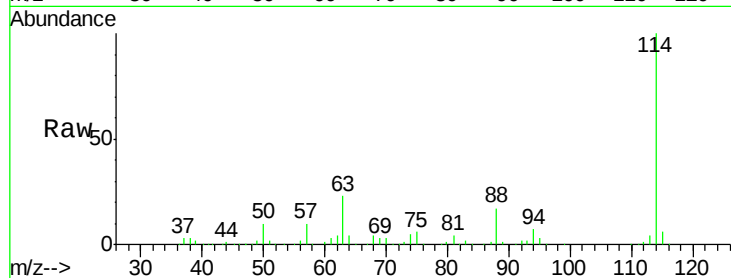
Tot Ion:114 Resp: 323203

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

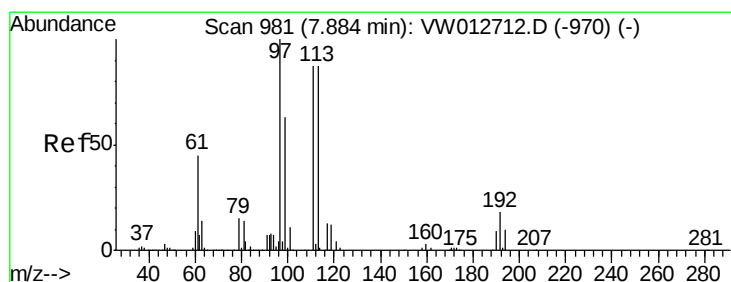
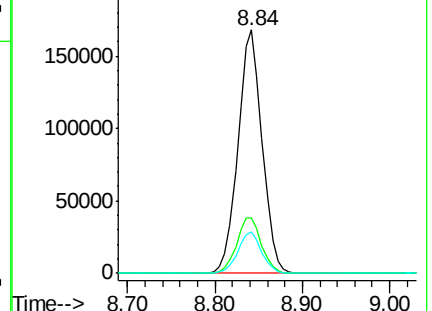
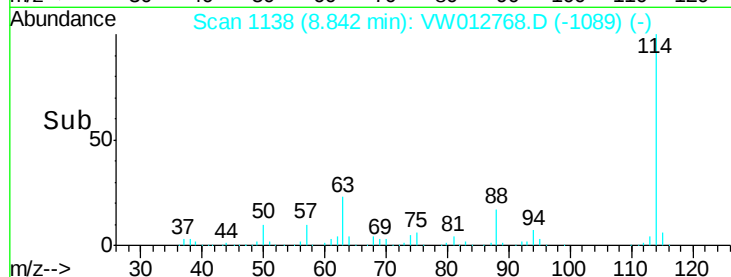
88 16.8 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.037 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012768.D

Acq: 08 Sep 2019 14:44

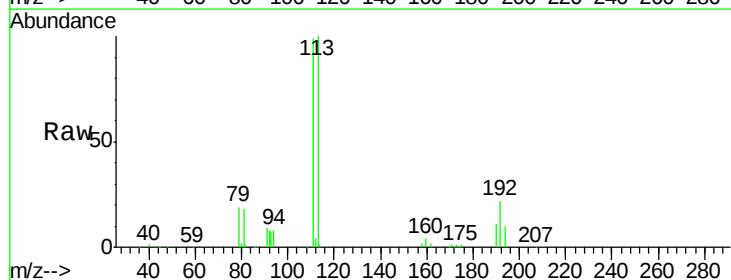
Tgt Ion:113 Resp: 94227

Ion Ratio Lower Upper

113 100

111 102.7 80.2 120.4

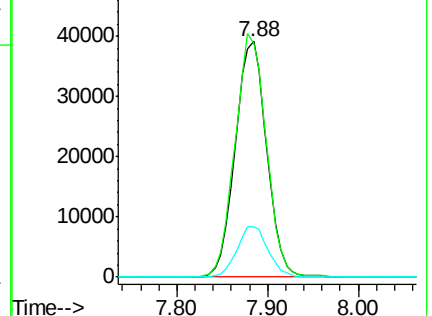
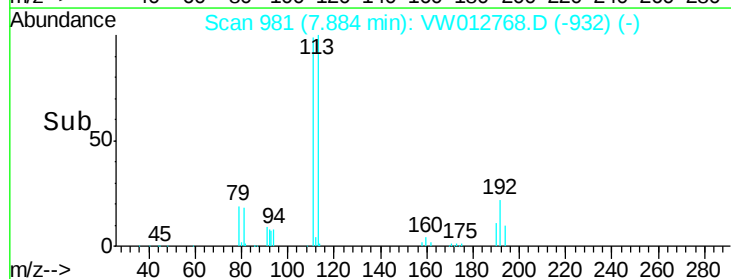
192 21.4 17.3 25.9

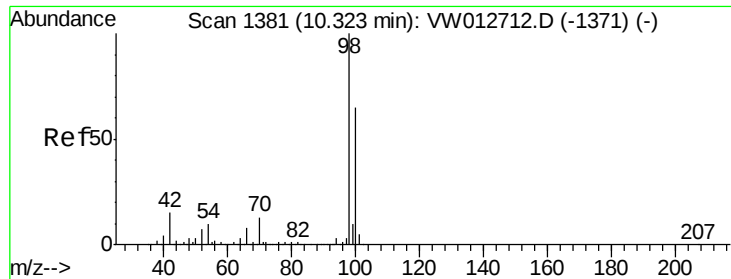


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

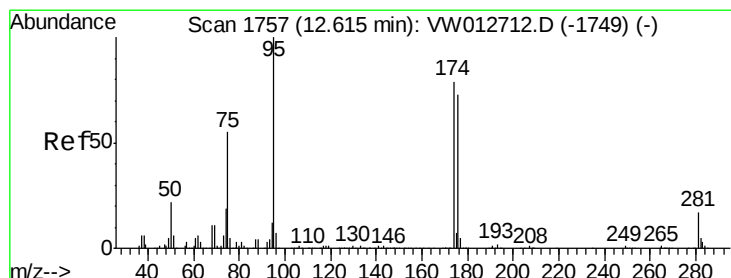
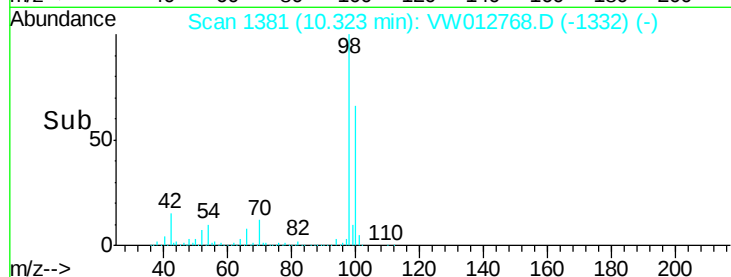
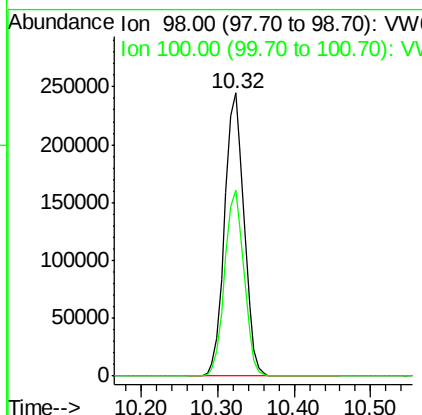
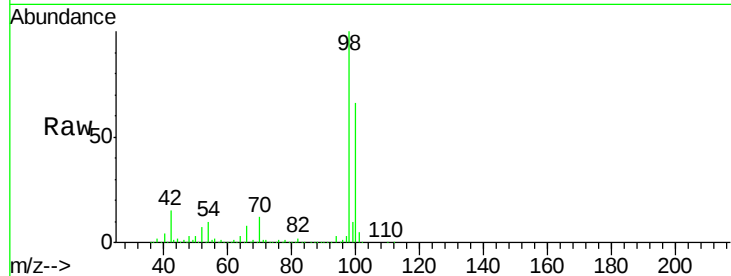




#50
Toluene-d8
Concen: 57.237 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012768.D
Acq: 08 Sep 2019 14:44

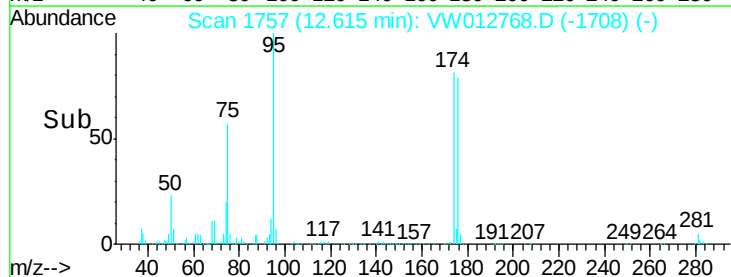
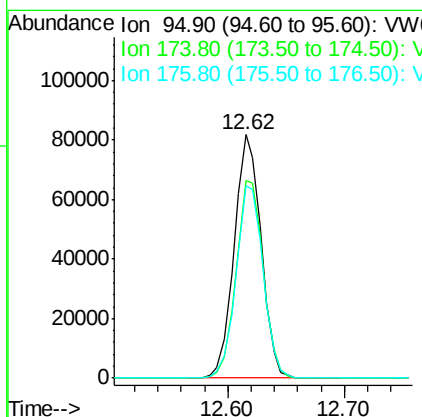
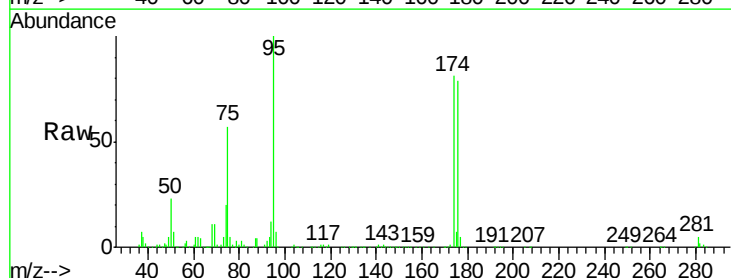
Instrument :
MSVOA_W
ClientSampleId :
PAR-E3-(0)

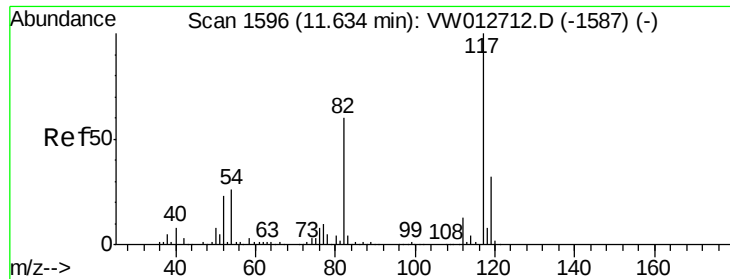
Tot Ion: 98 Resp: 430886
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.162 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012768.D
Acq: 08 Sep 2019 14:44

Tgt Ion: 95 Resp: 131625
Ion Ratio Lower Upper
95 100
174 81.8 0.0 161.0
176 79.6 0.0 156.4

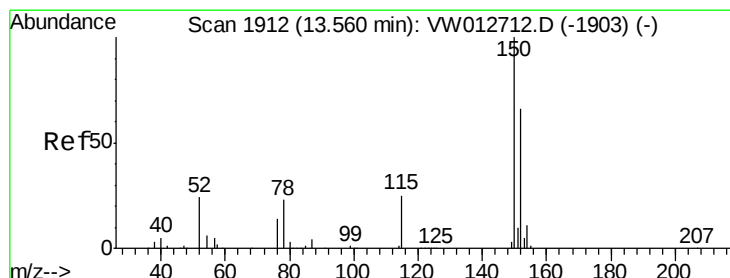
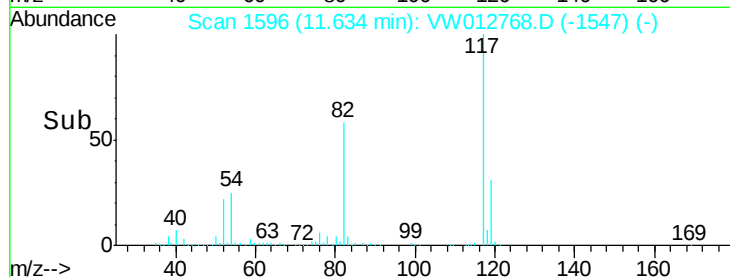
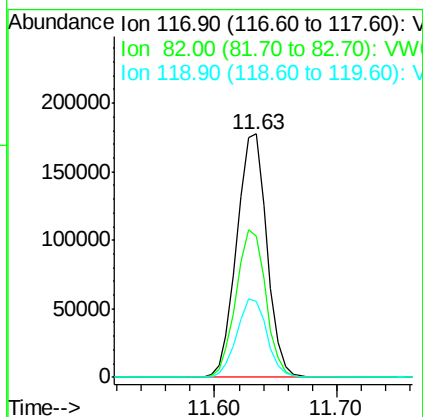
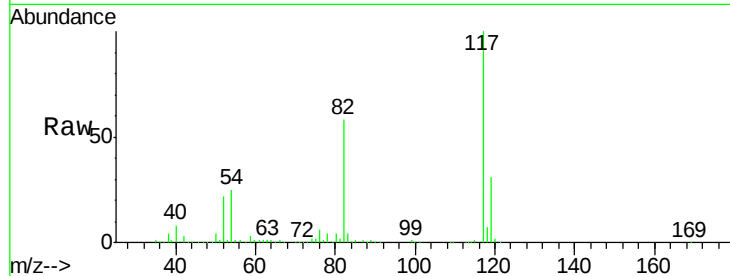




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012768.D
Acq: 08 Sep 2019 14:44

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

Tot Ion:117 Resp: 302494
Ion Ratio Lower Upper
117 100
82 58.3 48.2 72.4
119 31.3 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: VW012768.D
Acq: 08 Sep 2019 14:44

Tgt Ion:152 Resp: 117126
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 156.8 0.0 349.0

