

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012770.D
 Acq On : 08 Sep 2019 15:36
 Operator : SY/VA
 Sample : K4603-07
 Misc : 4.22G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E1-(3.11)

Quant Time: Sep 09 07:34:21 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

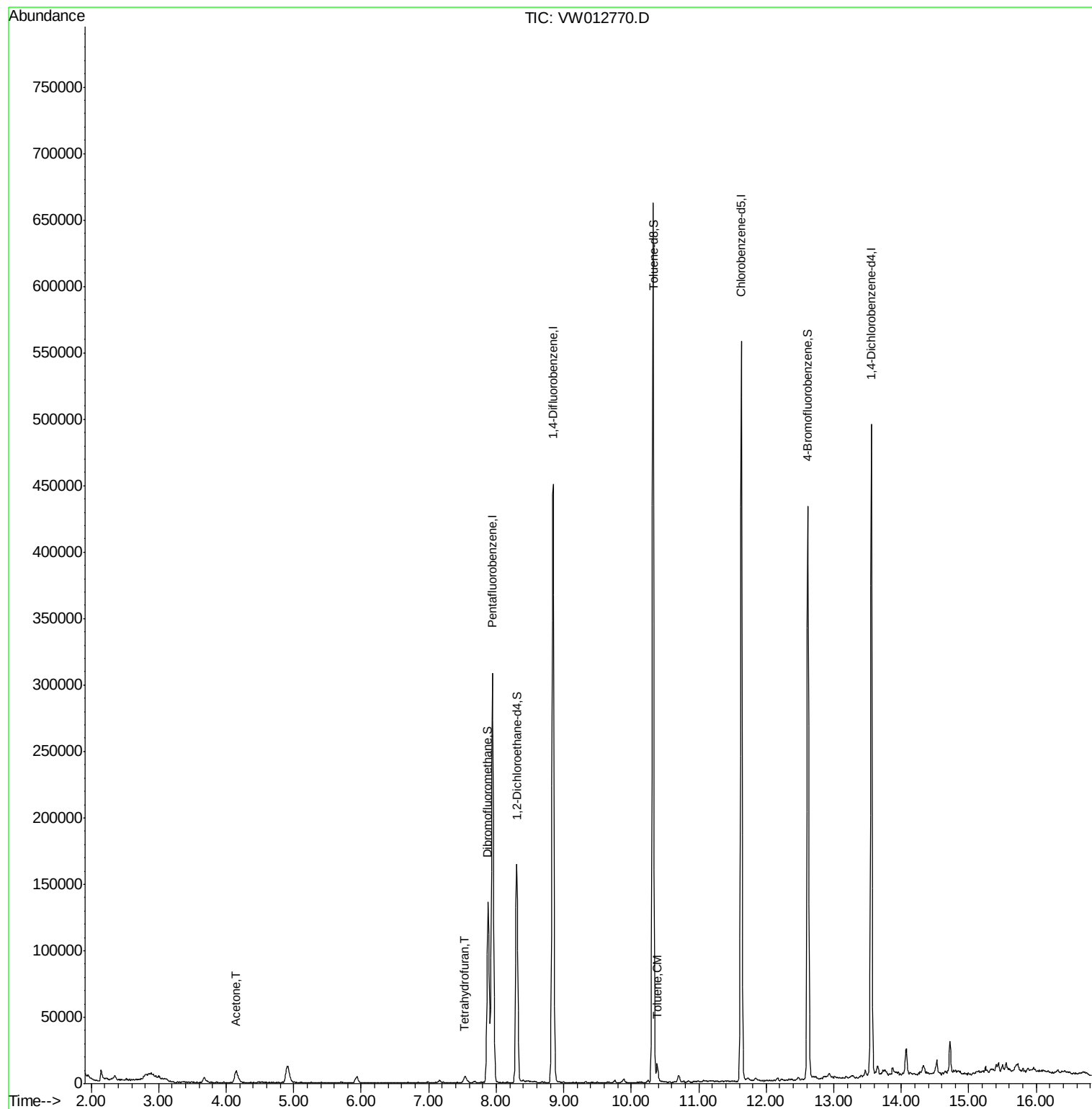
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	120800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135221	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
35) Dibromofluoromethane	7.88	113	98138	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
50) Toluene-d8	10.32	98	423273	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	130789	42.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.10%	
Target Compounds						
16) Acetone	4.15	43	19943	28.759	ug/l #	89
29) Tetrahydrofuran	7.53	42	5010	8.947	ug/l	97
52) Toluene	10.38	92	5742	1.027	ug/l	98

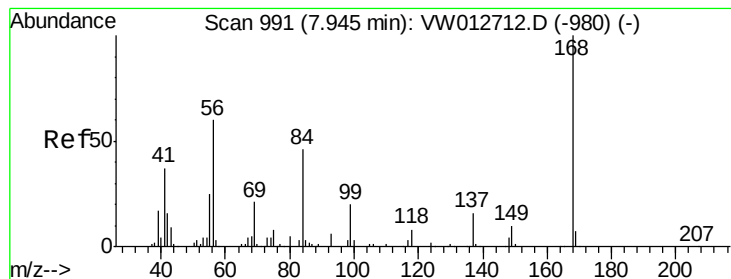
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012770.D

Acq: 08 Sep 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

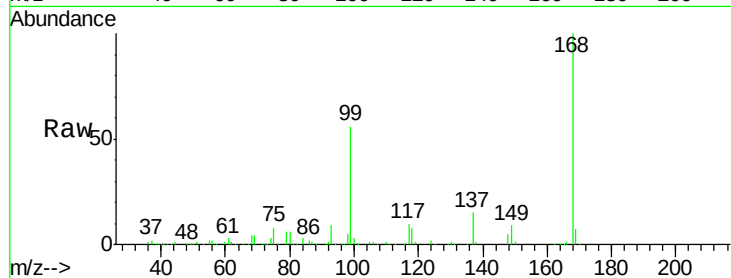
PAR-E1-(3.11)

Tot Ion:168 Resp: 227656

Ion Ratio Lower Upper

168 100

99 55.7 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

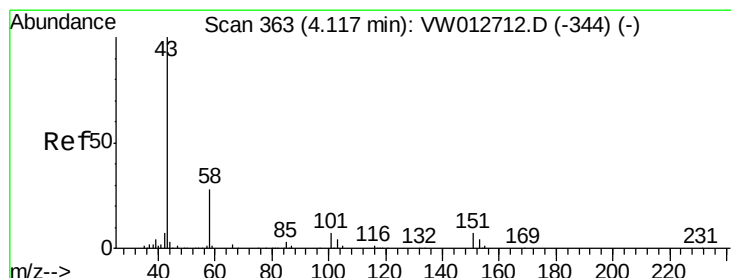
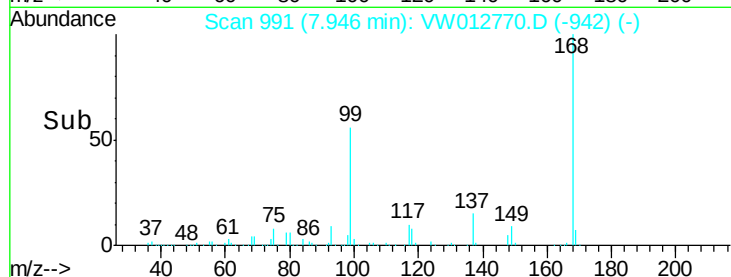
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 28.759 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW012770.D

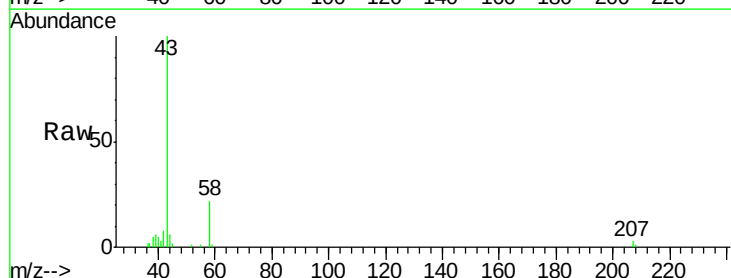
Acq: 08 Sep 2019 15:36

Tgt Ion: 43 Resp: 19943

Ion Ratio Lower Upper

43 100

58 22.4 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

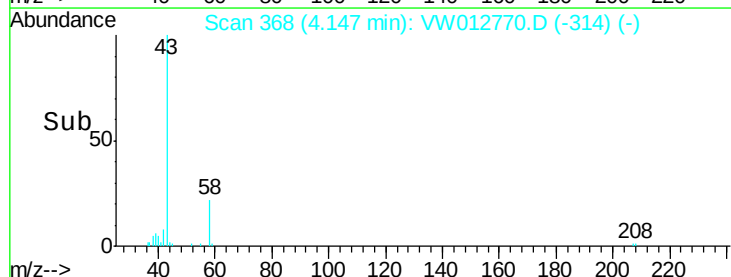
6000

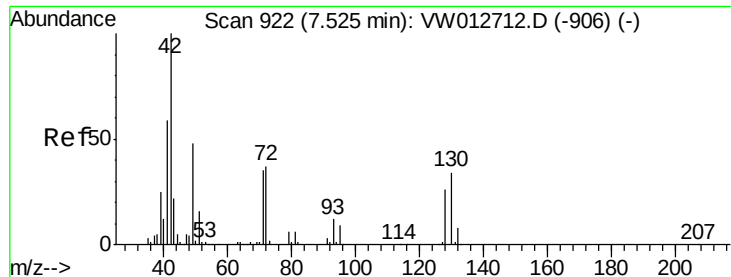
4000

2000

0

Time-->

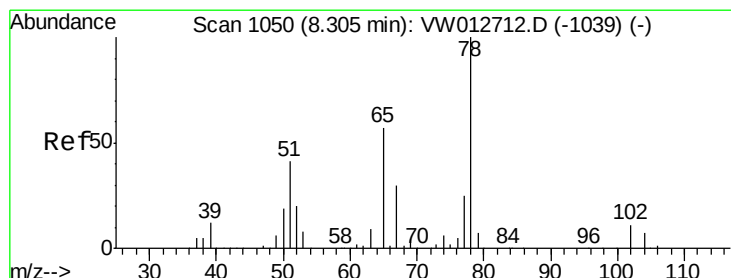
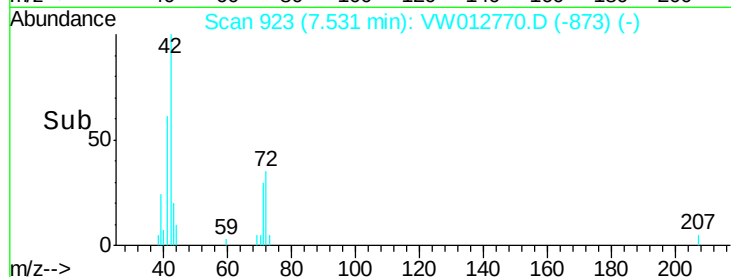
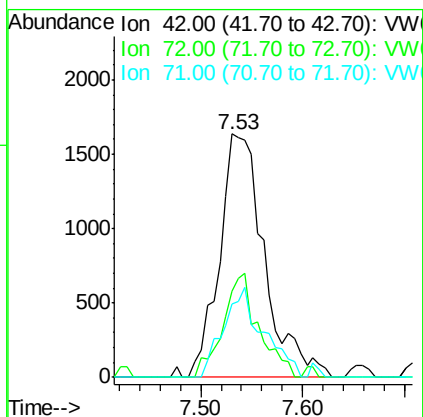
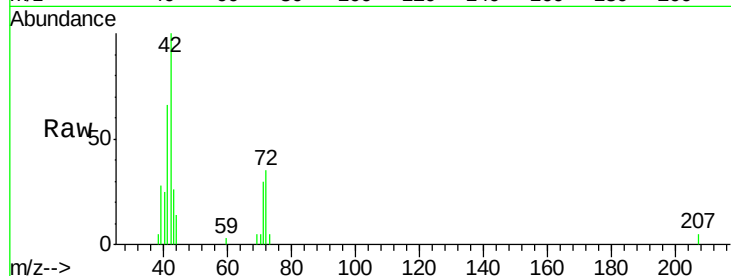




#29
Tetrahydrofuran
Concen: 8.947 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012770.D
Acq: 08 Sep 2019 15:36

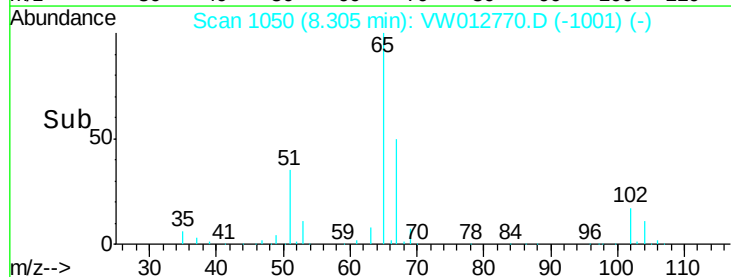
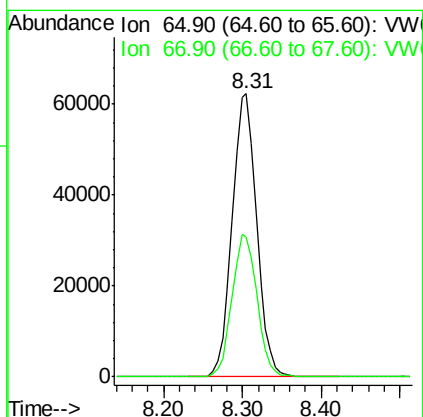
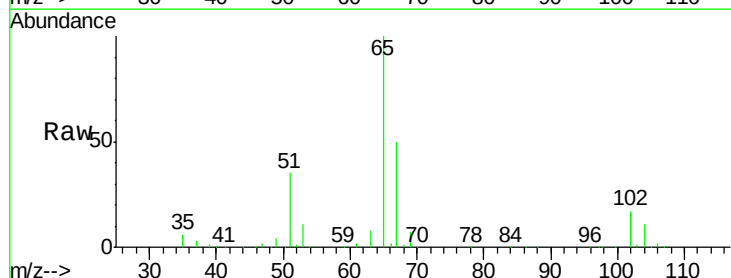
Instrument :
MSVOA_W
ClientSampleId :
PAR-E1-(3.11)

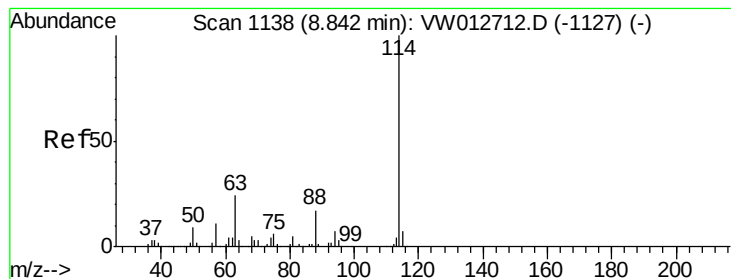
Tot Ion: 42 Resp: 5010
Ion Ratio Lower Upper
42 100
72 33.6 28.4 42.6
71 32.7 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 53.160 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012770.D
Acq: 08 Sep 2019 15:36

Tgt Ion: 65 Resp: 135221
Ion Ratio Lower Upper
65 100
67 51.1 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: VW012770.D

Acq: 08 Sep 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

PAR-E1-(3.11)

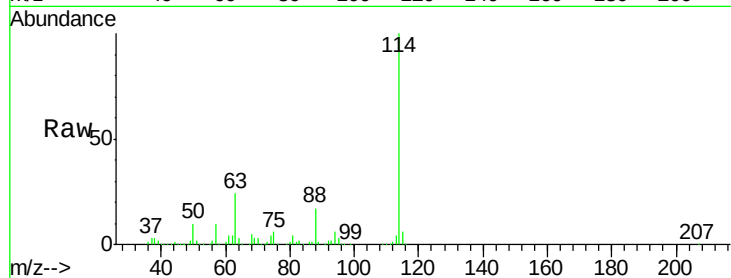
Tot Ion:114 Resp: 363540

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.2

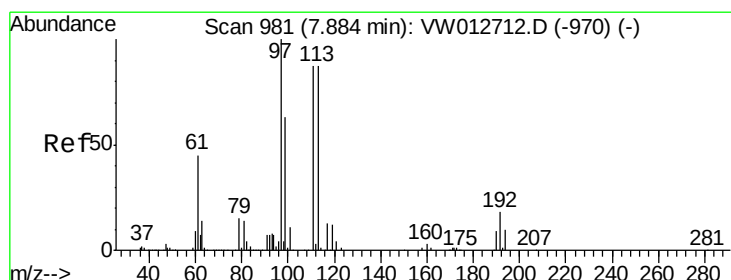
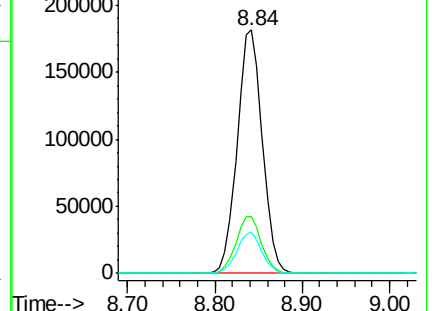
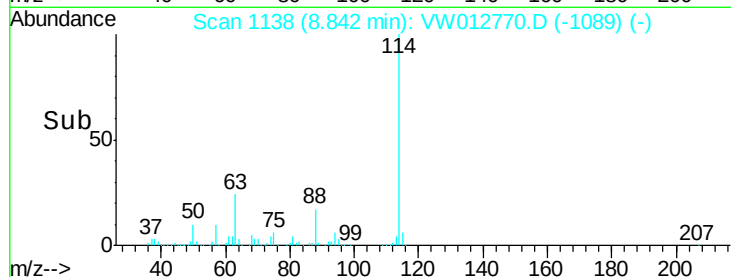
88 17.2 0.0 34.0



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: 45.406 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012770.D

Acq: 08 Sep 2019 15:36

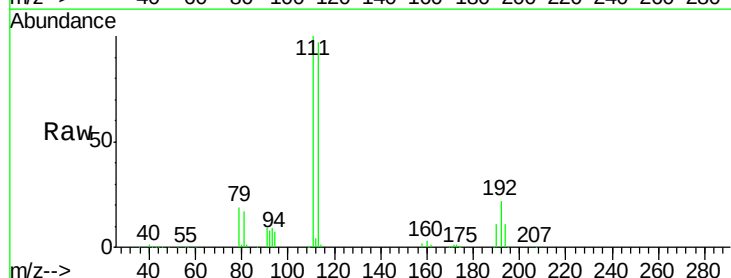
Tgt Ion:113 Resp: 98138

Ion Ratio Lower Upper

113 100

111 103.6 80.2 120.4

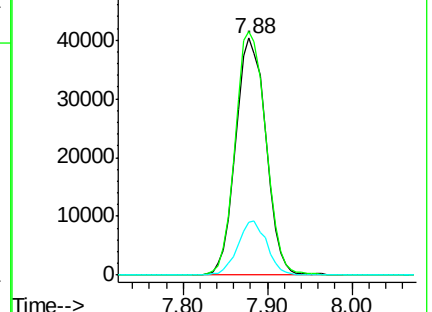
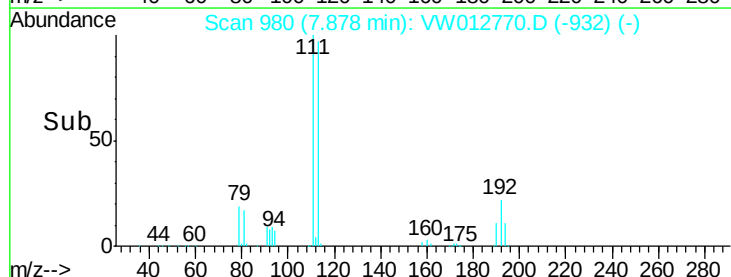
192 21.8 17.3 25.9

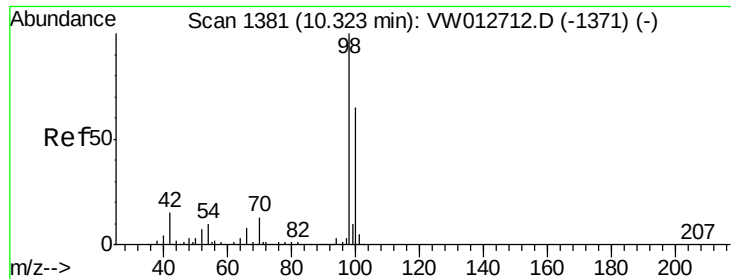


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

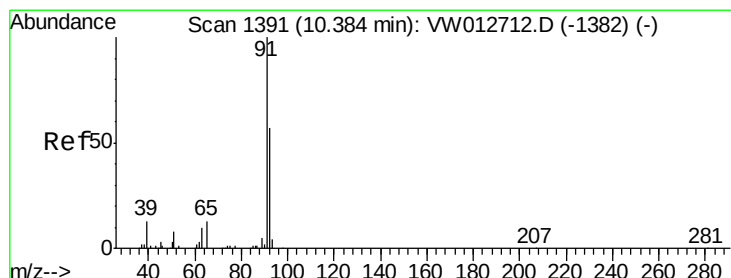
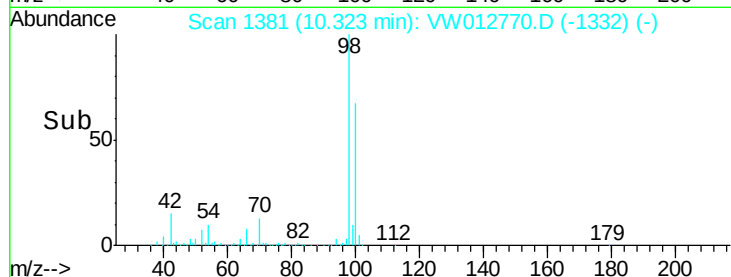
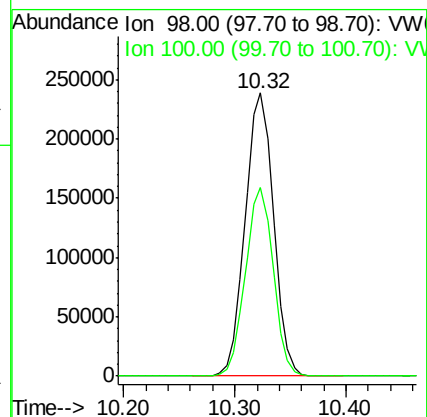
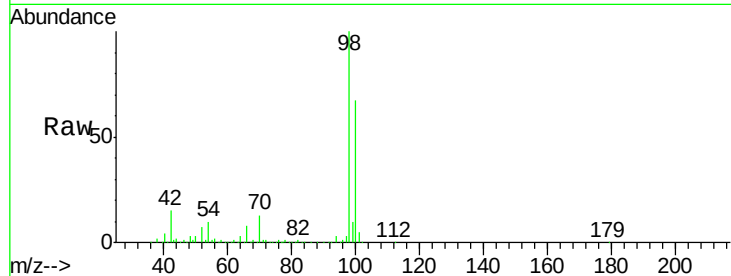




#50
Toluene-d8
Concen: 49.987 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012770.D
Acq: 08 Sep 2019 15:36

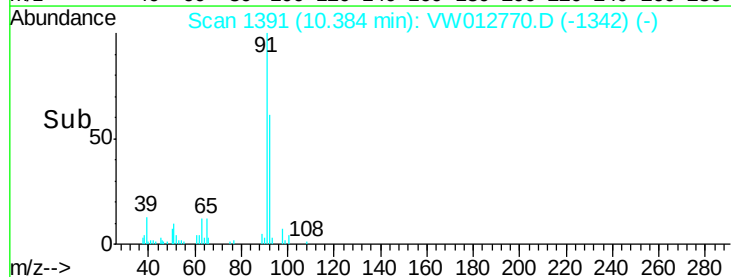
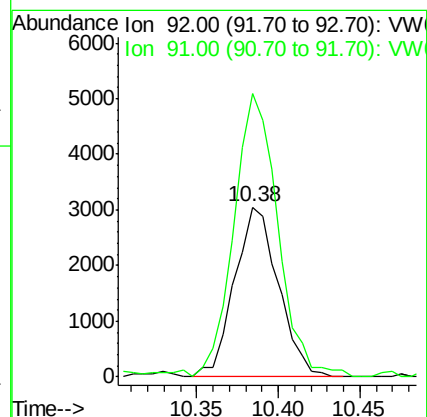
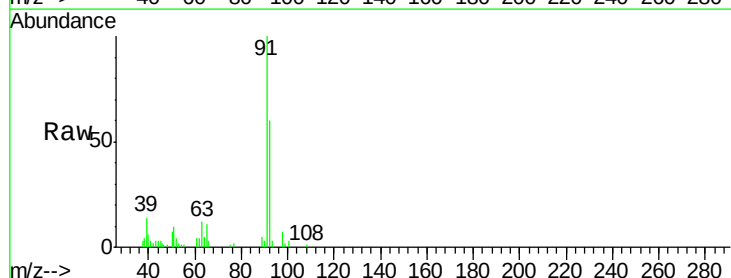
Instrument :
MSVOA_W
ClientSampleId :
PAR-E1-(3.11)

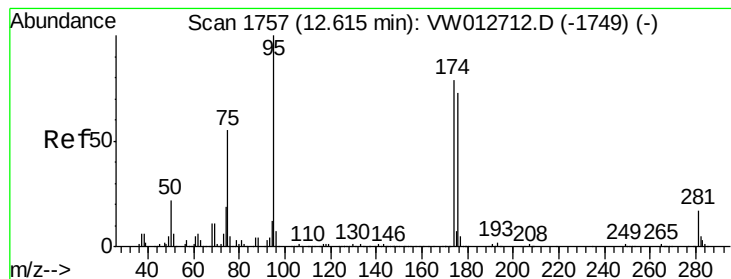
Tot Ion: 98 Resp: 423273
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#52
Toluene
Concen: 1.027 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW012770.D
Acq: 08 Sep 2019 15:36

Tgt Ion: 92 Resp: 5742
Ion Ratio Lower Upper
92 100
91 168.2 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 42.547 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012770.D

Acq: 08 Sep 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

PAR-E1-(3.11)

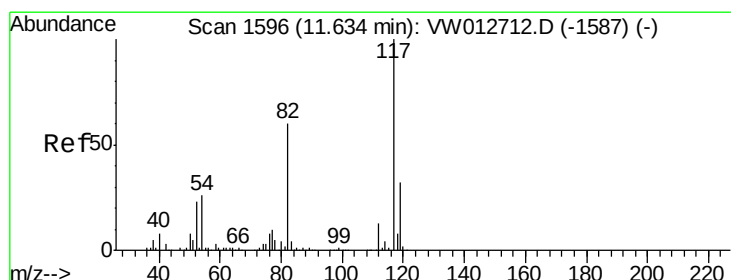
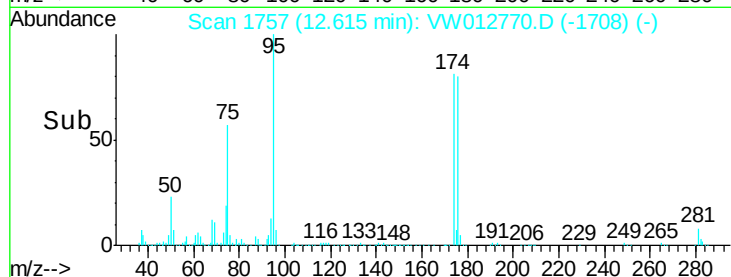
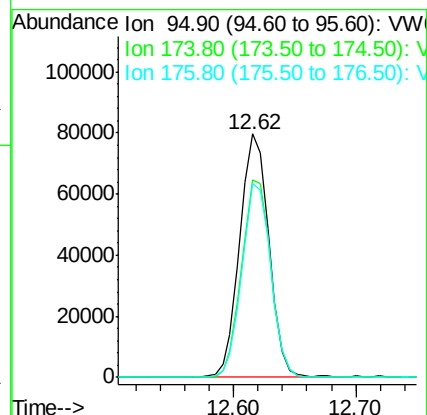
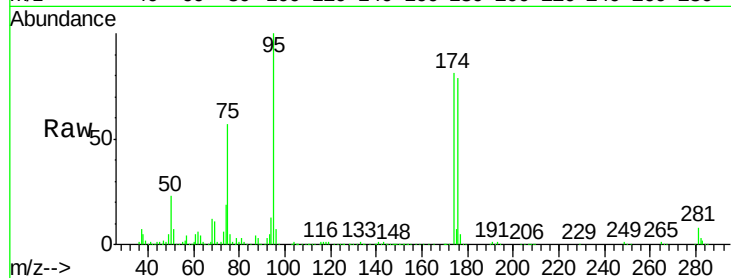
Tot Ion: 95 Resp: 130789

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.0

176 79.4 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: VW012770.D

Acq: 08 Sep 2019 15:36

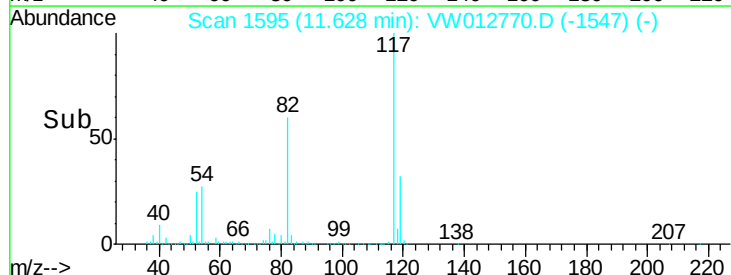
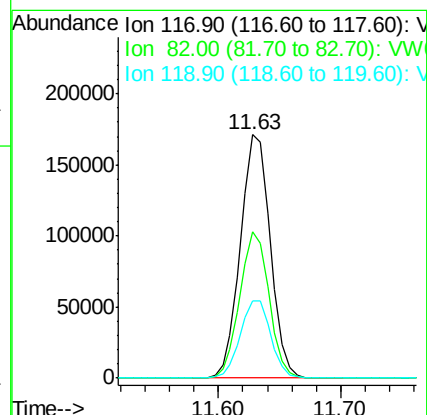
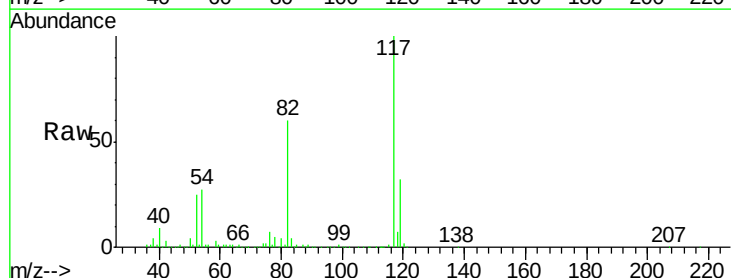
Tgt Ion: 117 Resp: 289885

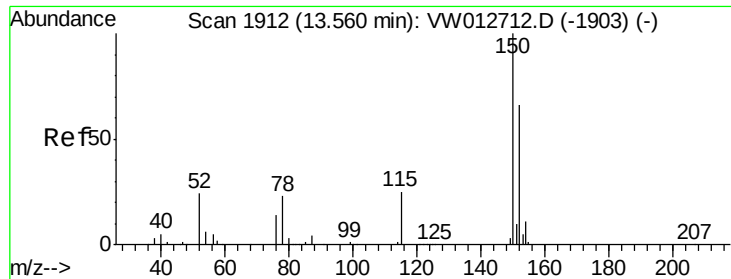
Ion Ratio Lower Upper

117 100

82 60.0 48.2 72.4

119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012770.D

Acq: 08 Sep 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

PAR-E1-(3.11)

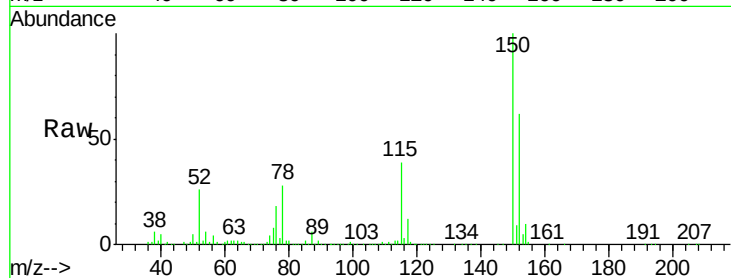
Tot Ion:152 Resp: 120800

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.1

150 160.7 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

