

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011695.D
 Acq On : 04 Aug 2019 06:00
 Operator : SY/VA
 Sample : K4156-01
 Misc : 6.84G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT1494

Quant Time: Aug 05 01:42:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	58576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	92114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41421	61.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.16%	
35) Dibromofluoromethane	7.88	113	31015	60.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.04%	
50) Toluene-d8	10.32	98	113306	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.62	95	34487	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

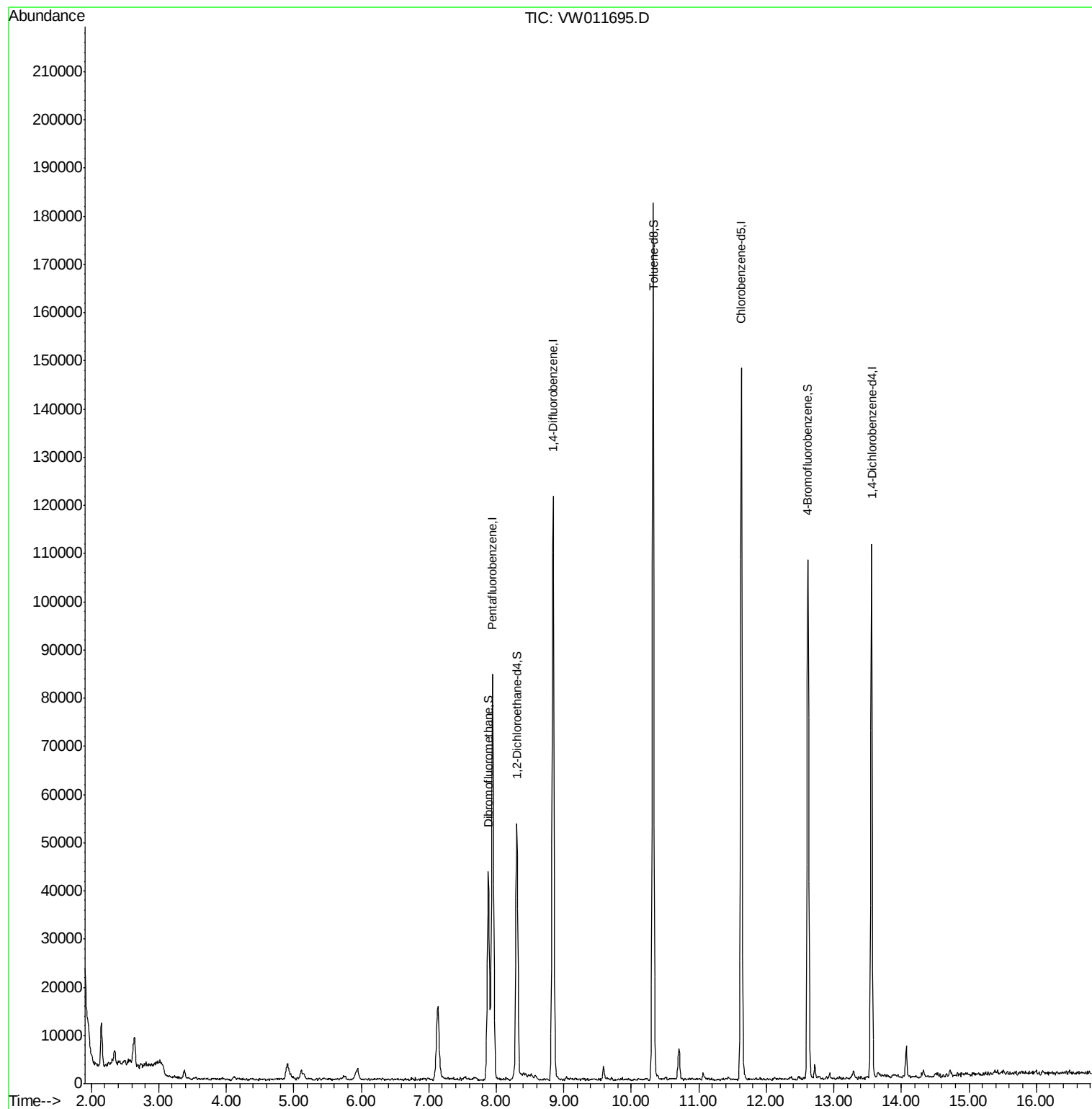
Target Compounds	Qvalue
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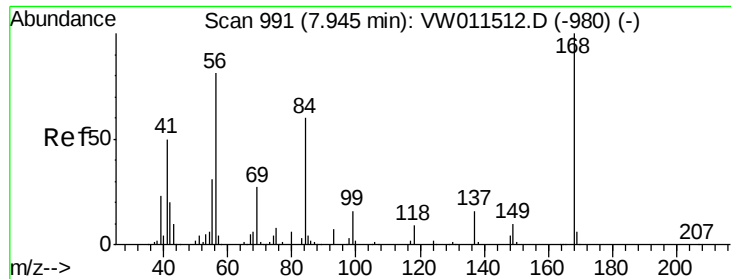
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011695.D

Acq: 04 Aug 2019 06:00

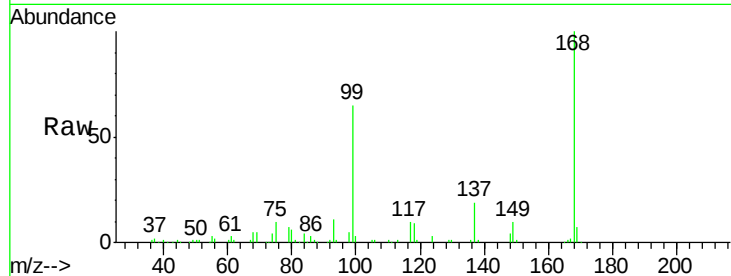
Instrument :
MSVOA_W
ClientSampleId :
RT1494

Tot Ion:168 Resp: 58576

Ion Ratio Lower Upper

168 100

99 64.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

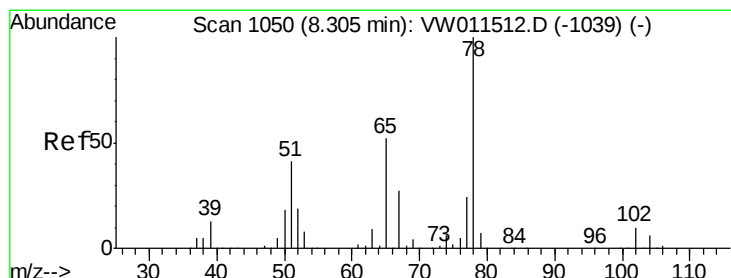
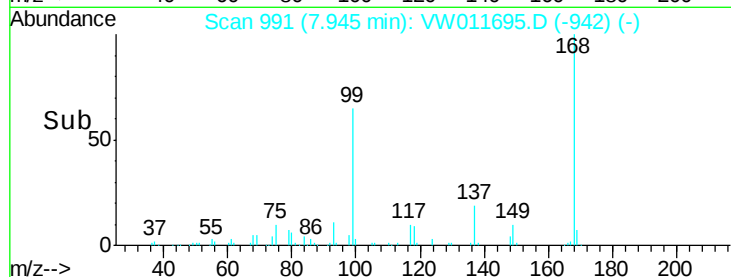
10000

5000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.582 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011695.D

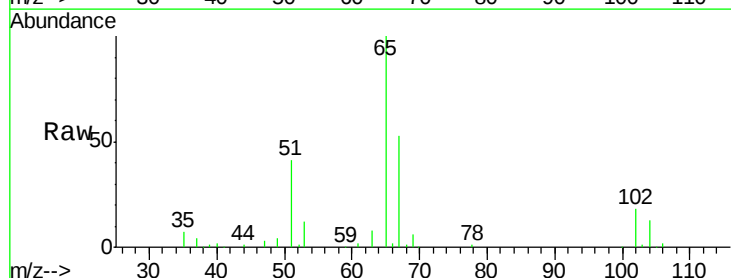
Acq: 04 Aug 2019 06:00

Tgt Ion: 65 Resp: 41421

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

15000

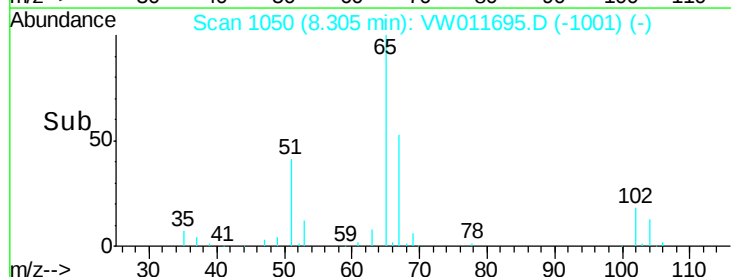
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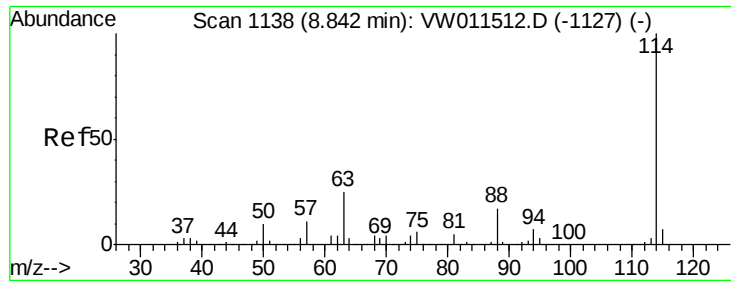
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->

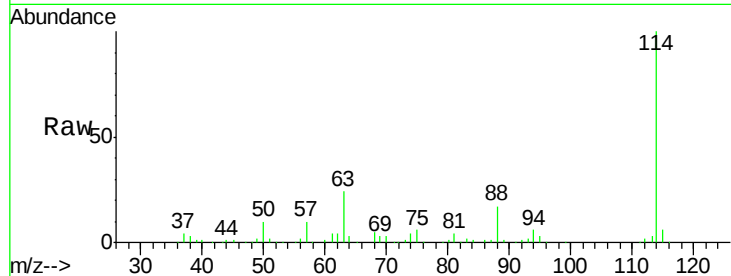




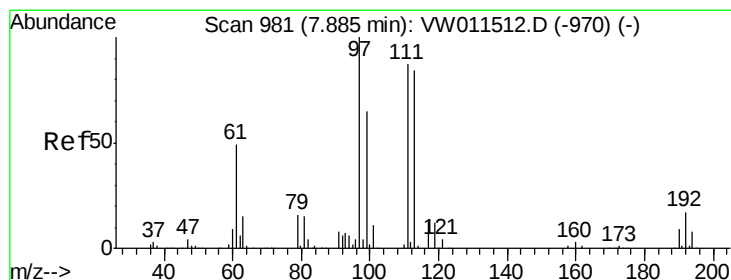
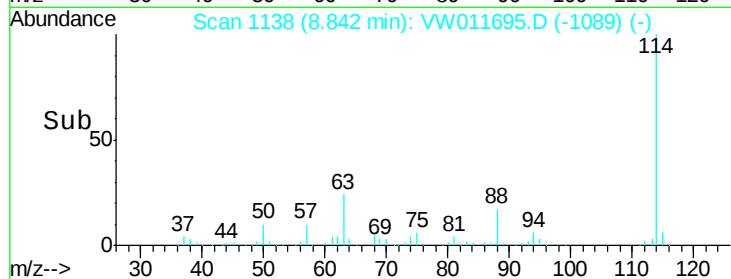
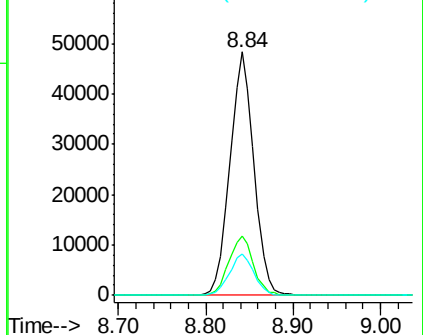
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011695.D
Acq: 04 Aug 2019 06:00

Instrument :
MSVOA_W
ClientSampleId :
RT1494

Tot Ion:114 Resp: 92114
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.2
88 16.9 0.0 33.8

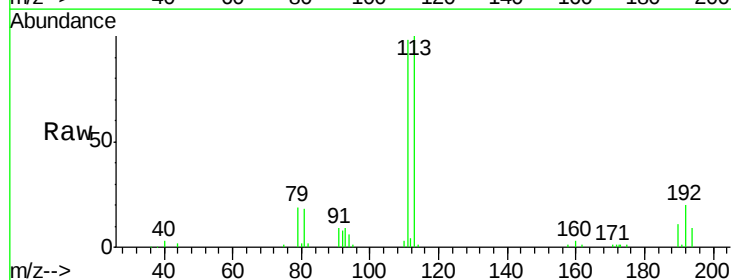


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

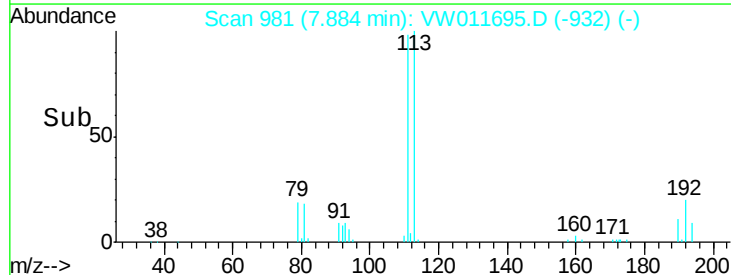
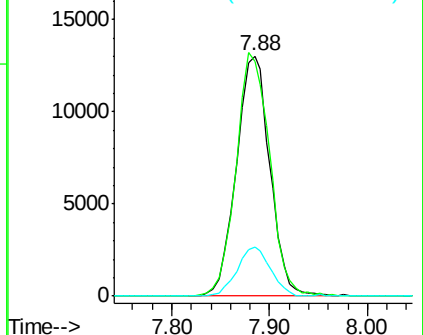


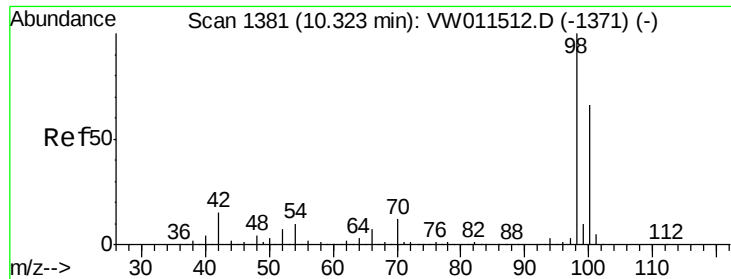
#35
Dibromofluoromethane
Concen: 60.016 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011695.D
Acq: 04 Aug 2019 06:00

Tgt Ion:113 Resp: 31015
Ion Ratio Lower Upper
113 100
111 101.6 82.7 124.1
192 20.4 16.1 24.1



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

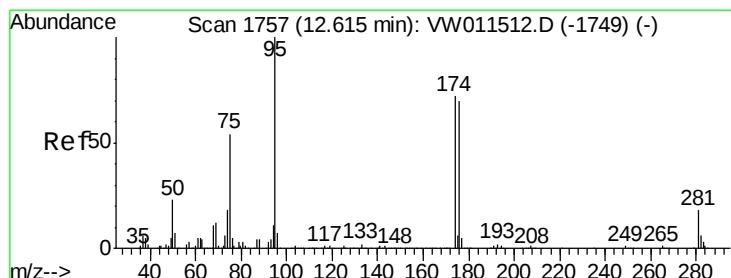
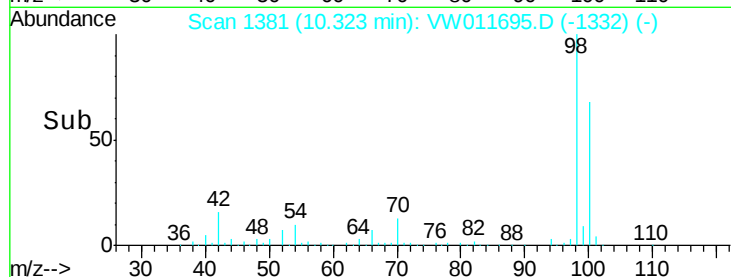
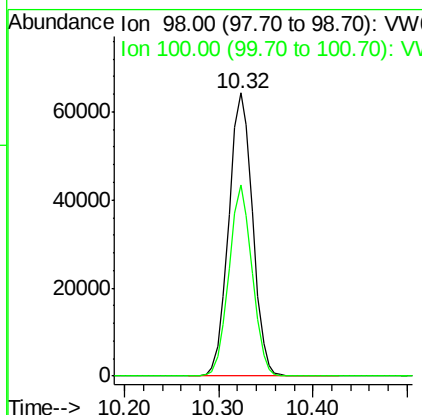
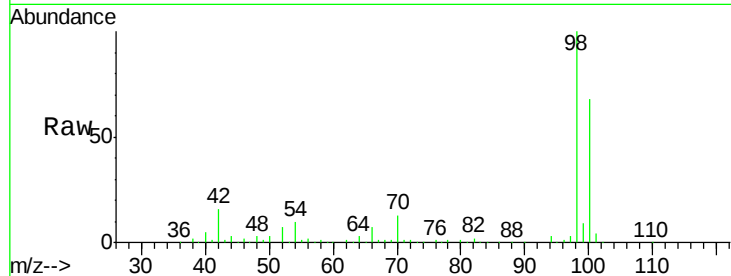




#50
Toluene-d8
Concen: 53.552 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011695.D
Acq: 04 Aug 2019 06:00

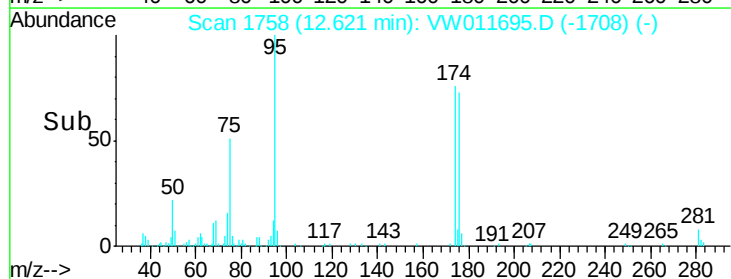
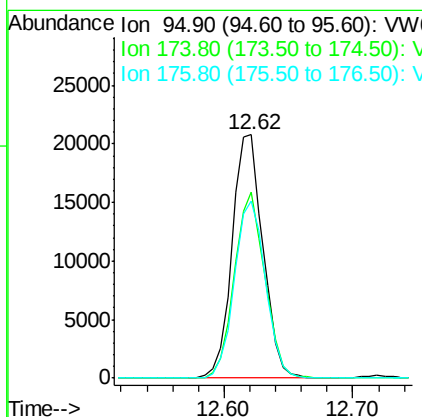
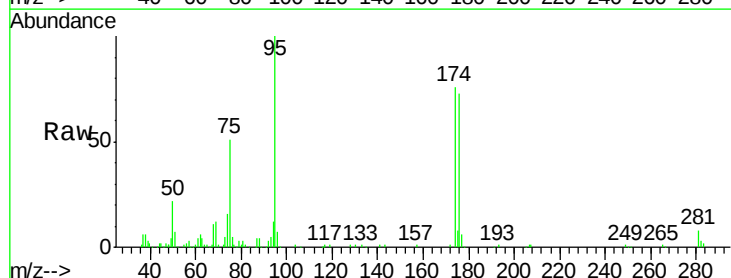
Instrument :
MSVOA_W
ClientSampleId :
RT1494

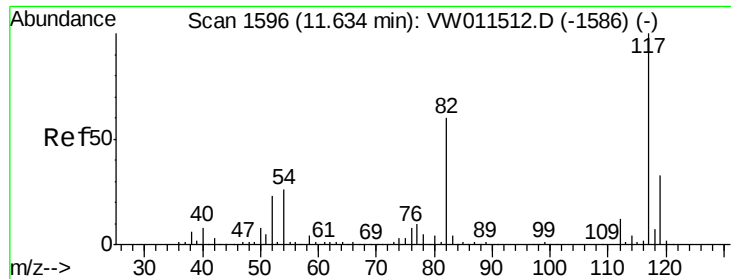
Tot Ion: 98 Resp: 113306
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.718 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011695.D
Acq: 04 Aug 2019 06:00

Tgt Ion: 95 Resp: 34487
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.2
176 73.4 0.0 144.4

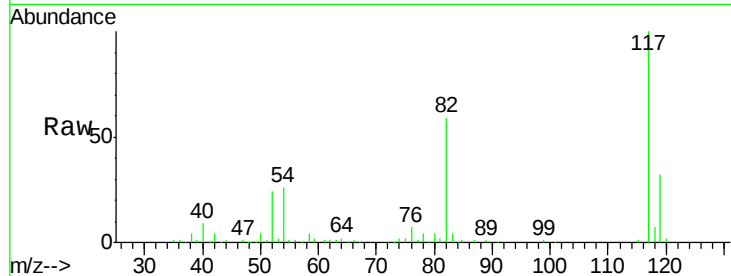




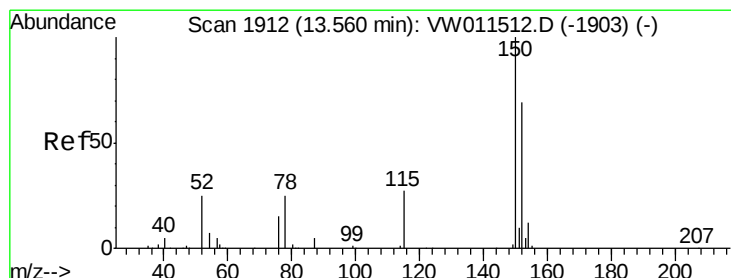
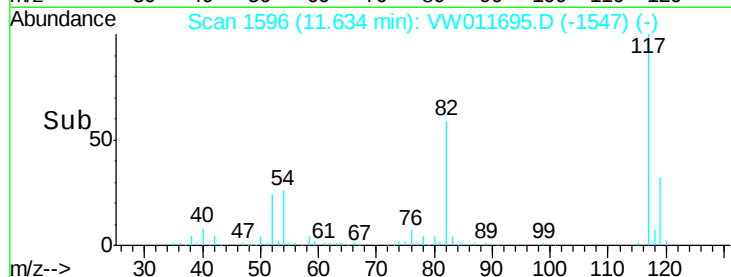
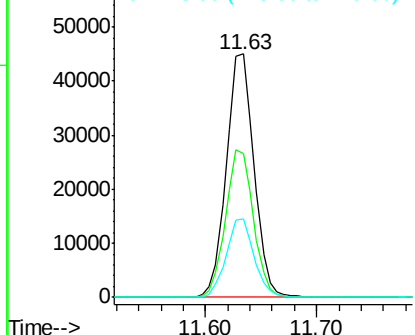
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011695.D
Acq: 04 Aug 2019 06:00

Instrument :
MSVOA_W
ClientSampleId :
RT1494

Tot Ion:117 Resp: 77438
Ion Ratio Lower Upper
117 100
82 59.3 47.9 71.9
119 32.4 26.2 39.2

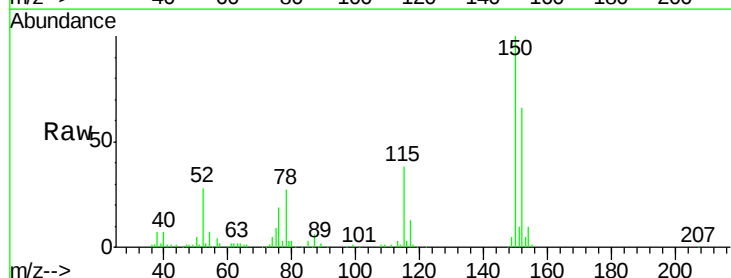


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011695.D
Acq: 04 Aug 2019 06:00

Tgt Ion:152 Resp: 27773
Ion Ratio Lower Upper
152 100
115 60.6 30.5 91.5
150 156.7 0.0 352.6



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

