

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016199.D
 Acq On : 14 Aug 2020 18:19
 Operator : SY/VA
 Sample : L3502-06
 Misc : 7.72G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-081320

Quant Time: Aug 17 08:59:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168379	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127662	57.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.48%	
35) Dibromofluoromethane	7.88	113	129184	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.32	98	500859	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	178247	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

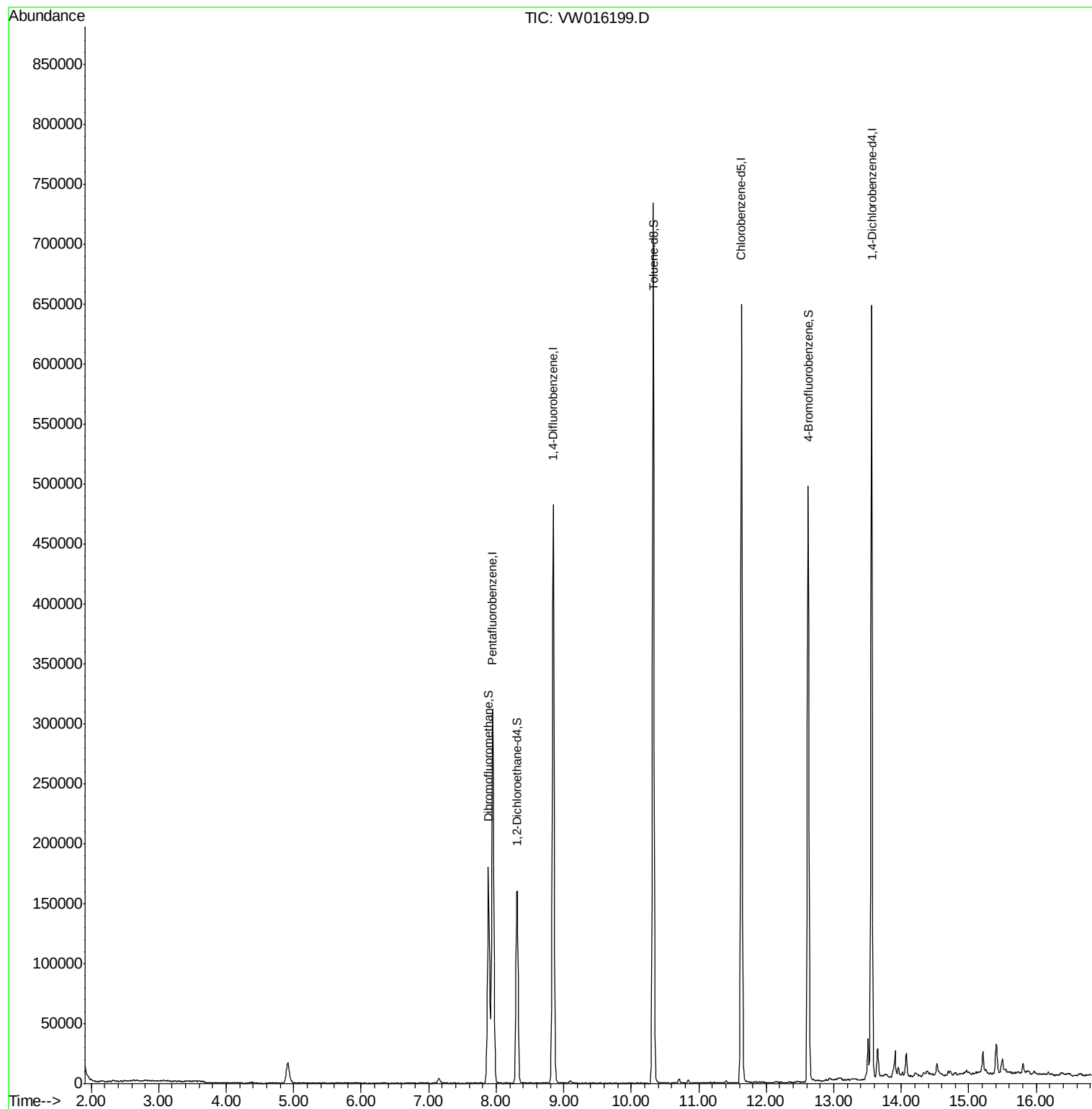
Target Compounds	Qvalue

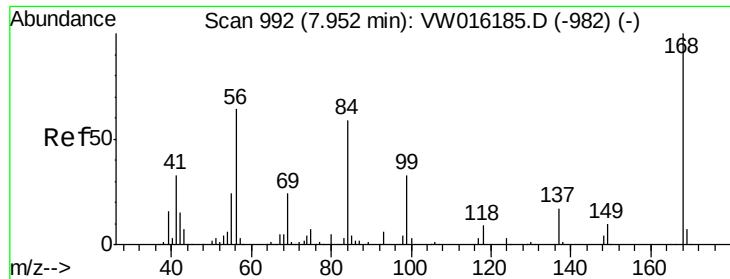
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016199.D

Acq: 14 Aug 2020 18:19

Instrument :

MSVOA_W

ClientSampleId :

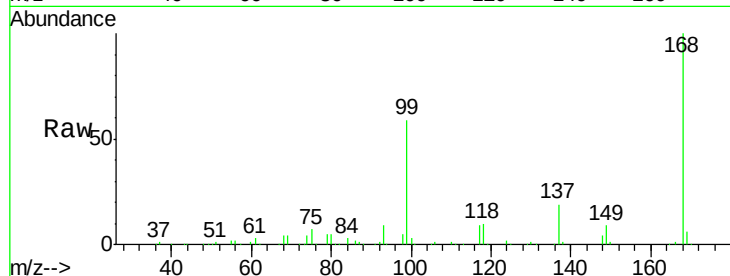
OK-01-081320

Tot Ion:168 Resp: 228682

Ion Ratio Lower Upper

168 100

99 58.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

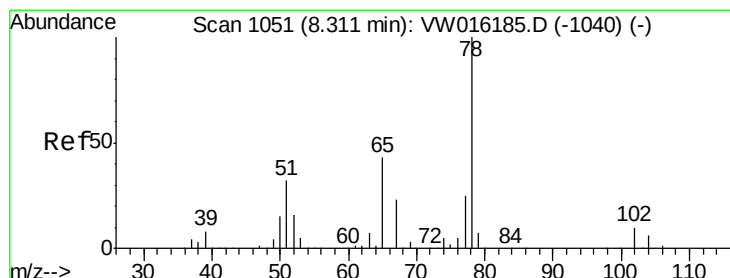
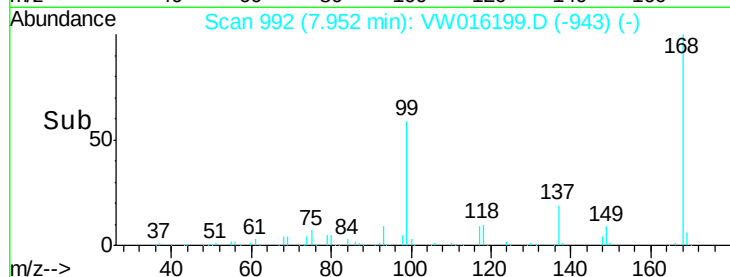
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.245 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW016199.D

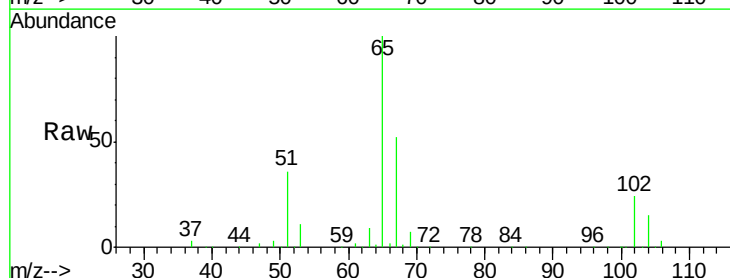
Acq: 14 Aug 2020 18:19

Tgt Ion: 65 Resp: 127662

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

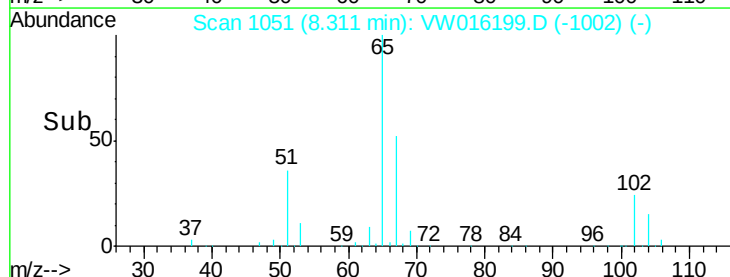
60000

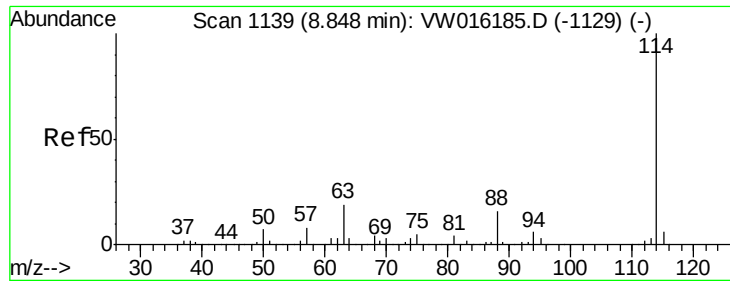
40000

20000

0

Time--> 8.20 8.30 8.40 8.50

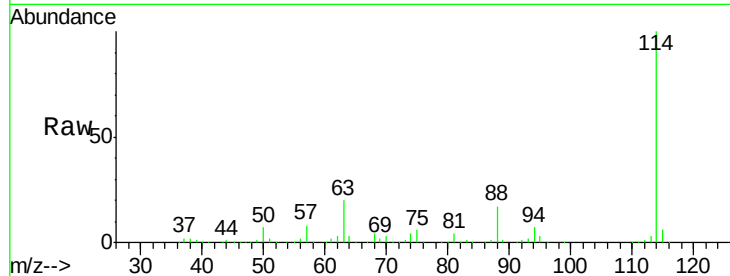




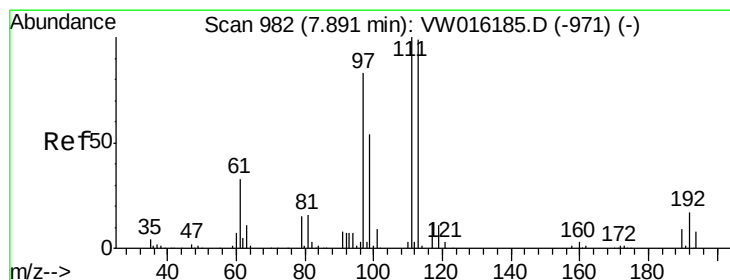
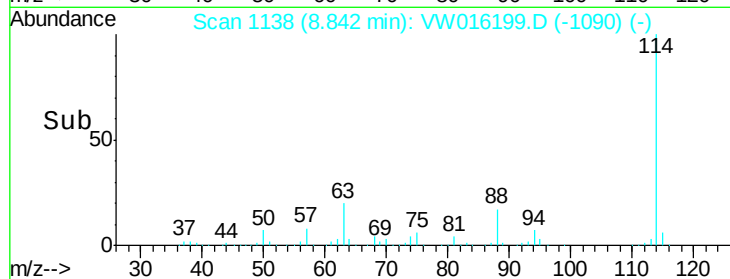
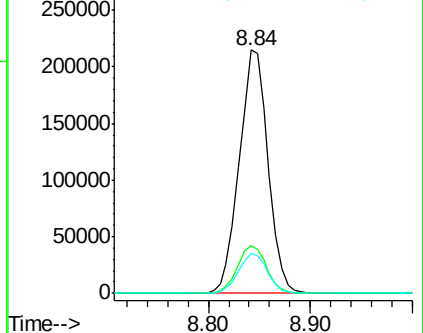
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016199.D
 Acq: 14 Aug 2020 18:19

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-081320

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	16.5	0.0	32.8

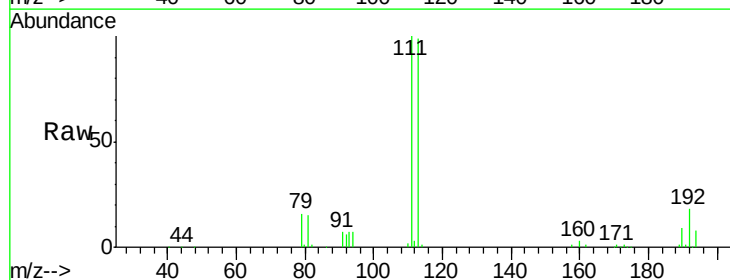


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

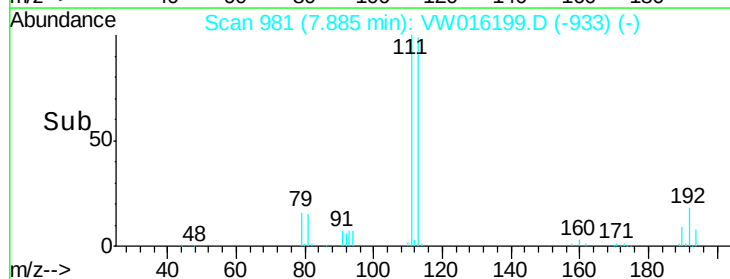
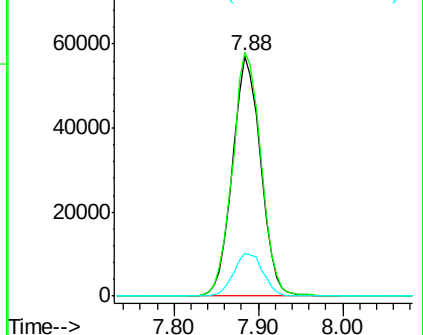


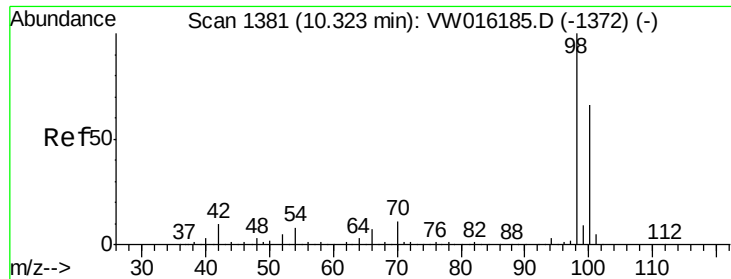
#35
 Dibromofluoromethane
 Concen: 49.825 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016199.D
 Acq: 14 Aug 2020 18:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	18.6	14.3	21.5



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

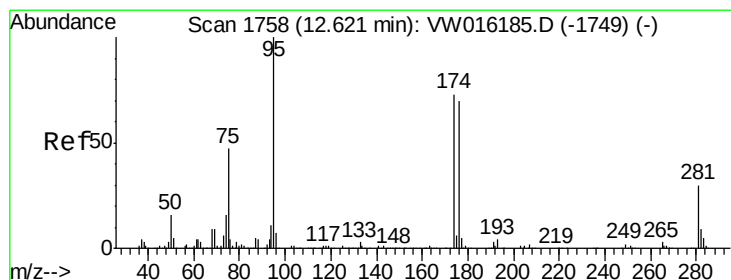
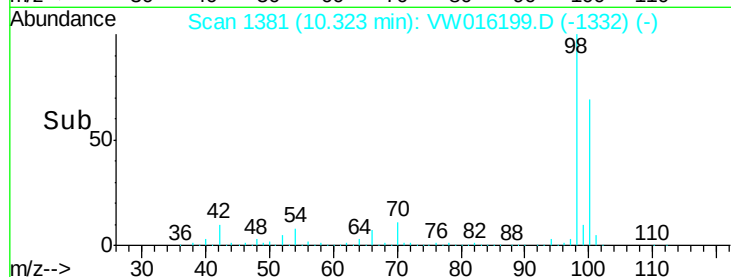
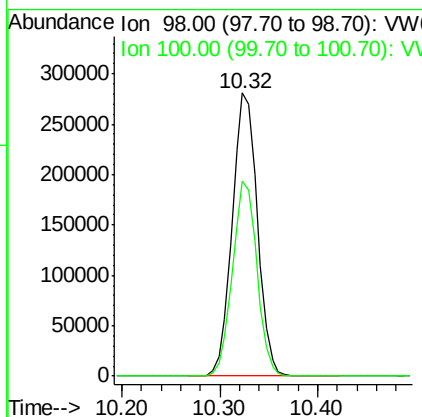
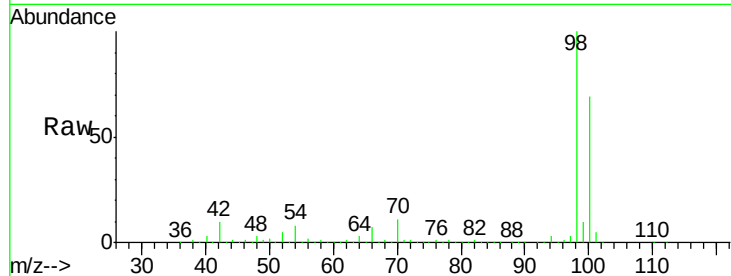




#50
Toluene-d8
Concen: 49.906 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016199.D
Acq: 14 Aug 2020 18:19

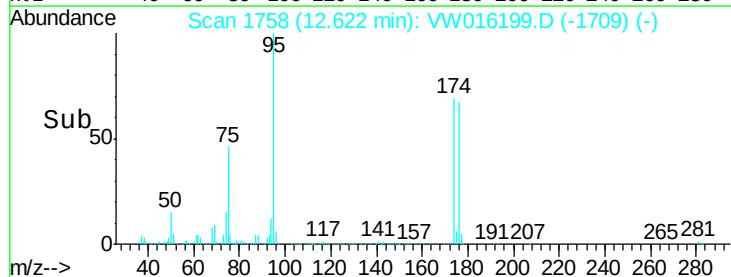
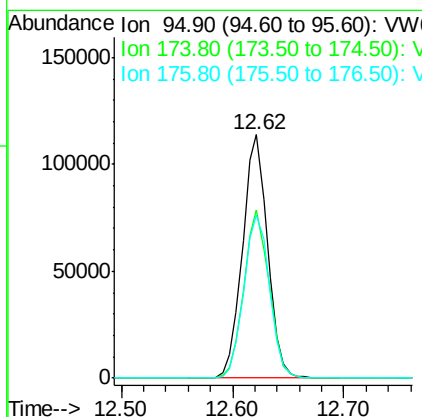
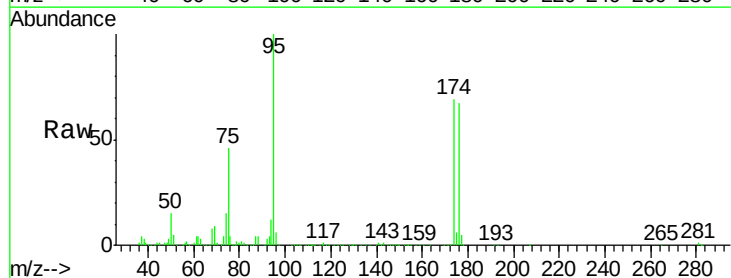
Instrument :
MSVOA_W
ClientSampleId :
OK-01-081320

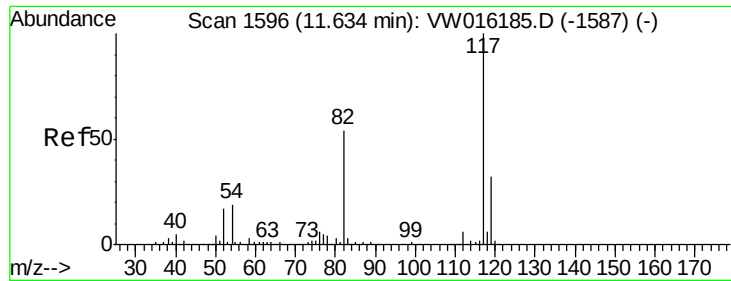
Tot Ion: 98 Resp: 500859
Ion Ratio Lower Upper
98 100
100 67.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.686 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016199.D
Acq: 14 Aug 2020 18:19

Tgt Ion: 95 Resp: 178247
Ion Ratio Lower Upper
95 100
174 69.7 0.0 145.6
176 68.8 0.0 137.8

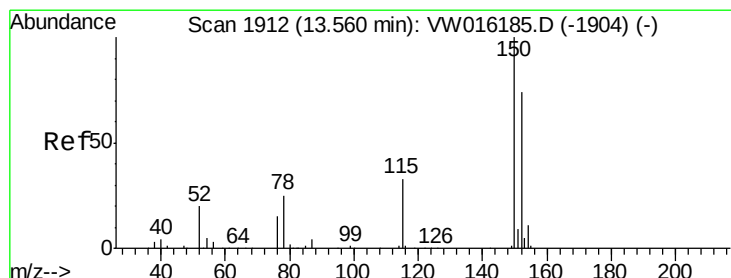
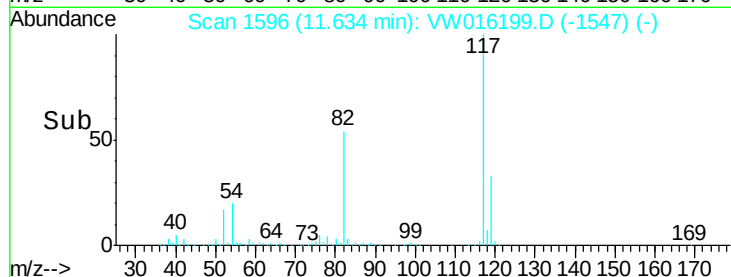
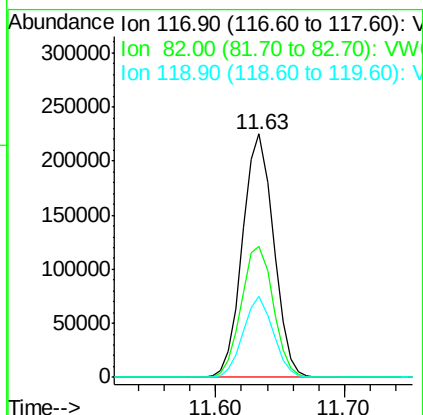
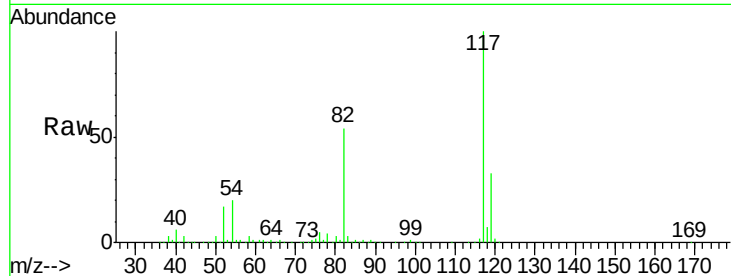




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016199.D
Acq: 14 Aug 2020 18:19

Instrument :
MSVOA_W
ClientSampleId :
OK-01-081320

Tot Ion:117 Resp: 375931
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016199.D
Acq: 14 Aug 2020 18:19

Tgt Ion:152 Resp: 168379
Ion Ratio Lower Upper
152 100
115 62.4 30.9 92.5
150 153.8 0.0 337.8

