

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009135.D
 Acq On : 13 Mar 2019 04:39
 Operator : SY/VA
 Sample : VW0312SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0312SBL02

Quant Time: Mar 13 07:09:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182456	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	166774	57.26	ug/l	0.00
Spiked Amount			Recovery	=	114.52%	
35) Dibromofluoromethane	7.88	113	142911	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
50) Toluene-d8	10.32	98	556955	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	178926	40.20	ug/l	0.00
Spiked Amount			Recovery	=	80.40%	

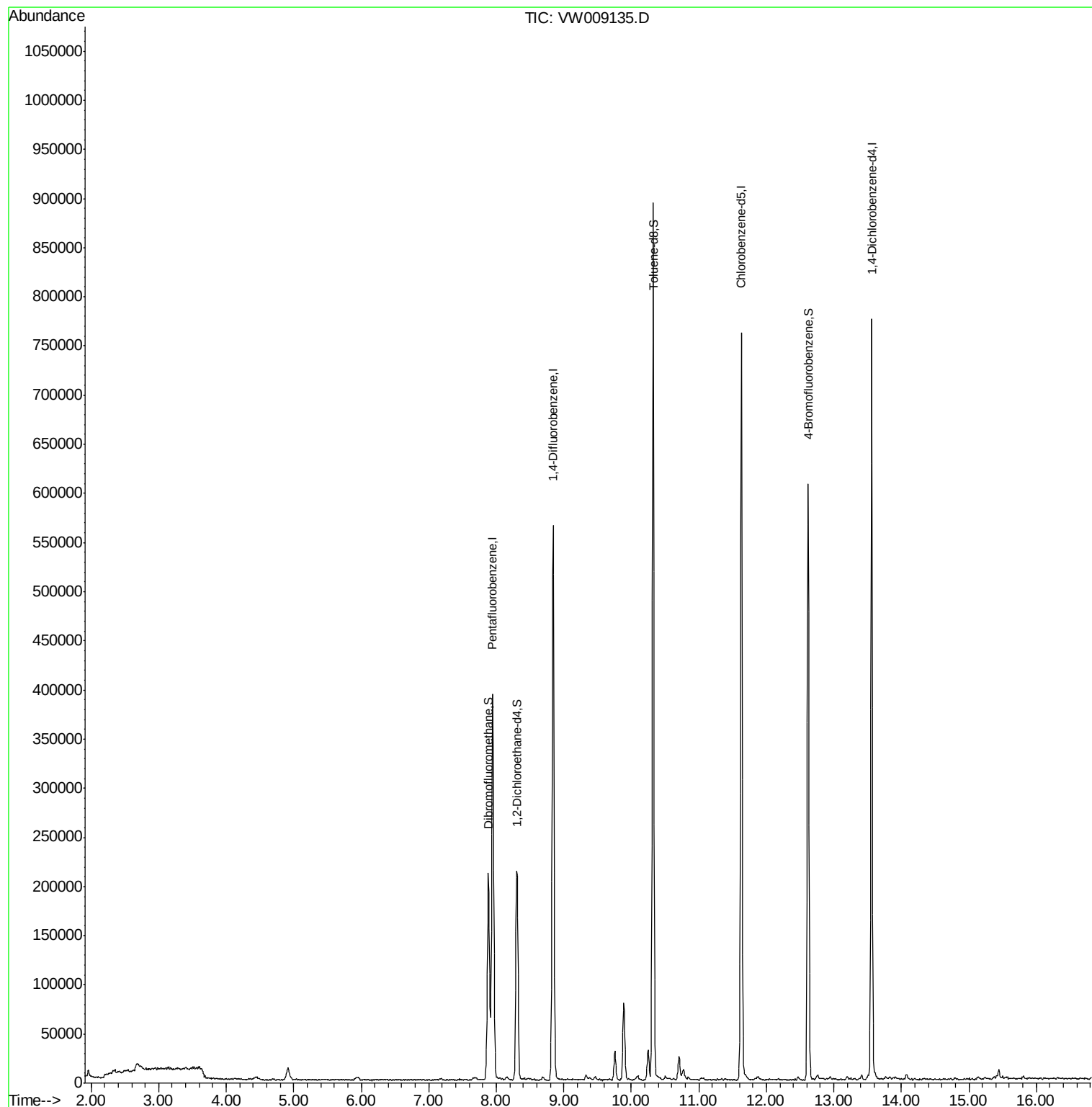
Target Compounds	Qvalue
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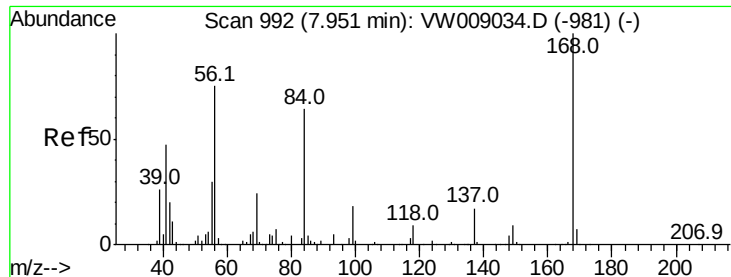
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009135.D

Acq: 13 Mar 2019 04:39

Instrument :

MSVOA_W

ClientSampleId :

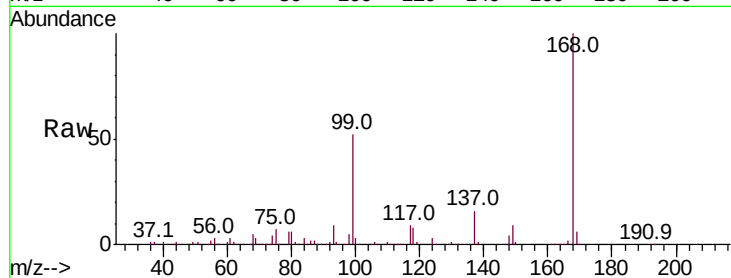
VW0312SBL02

Tot Ion:168 Resp: 289517

Ion Ratio Lower Upper

168 100

99 52.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

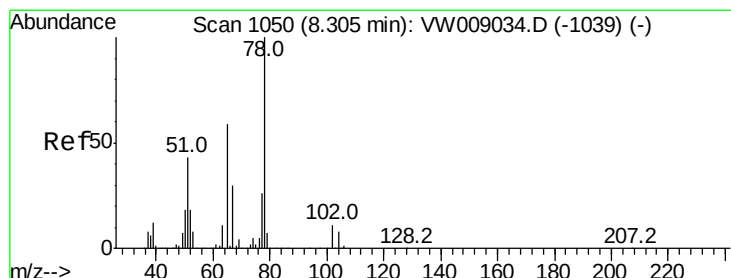
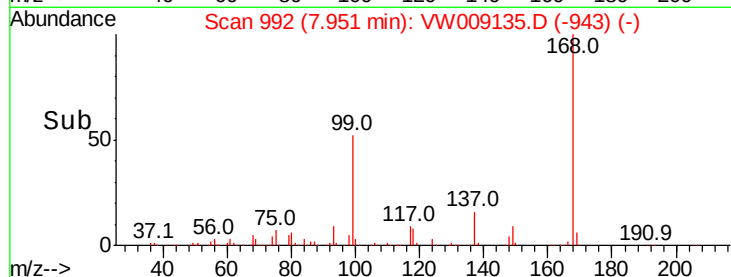
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.255 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009135.D

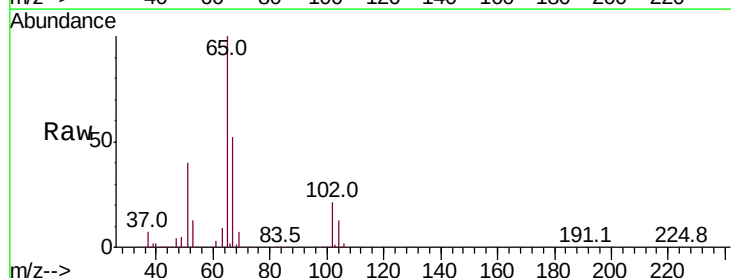
Acq: 13 Mar 2019 04:39

Tgt Ion: 65 Resp: 166774

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

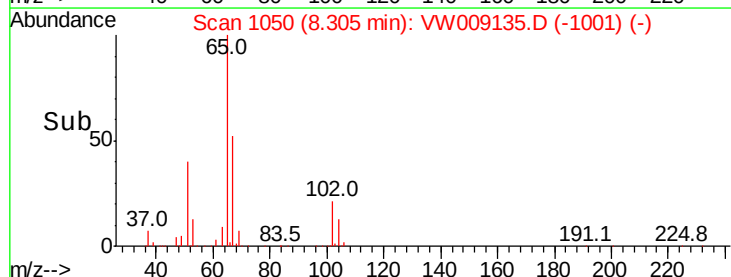
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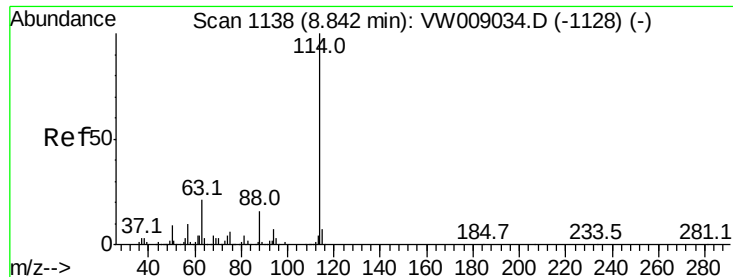
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0

8.20 8.30 8.40

Time-->

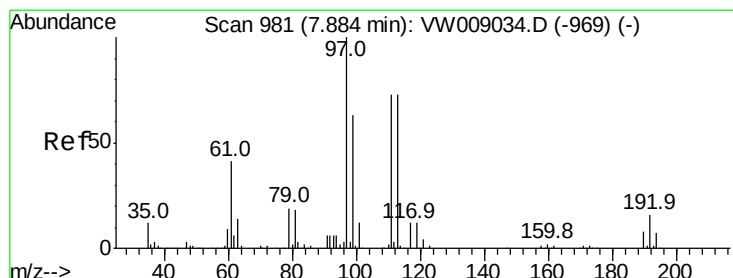
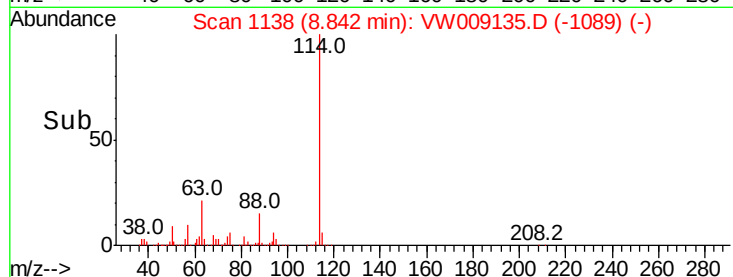
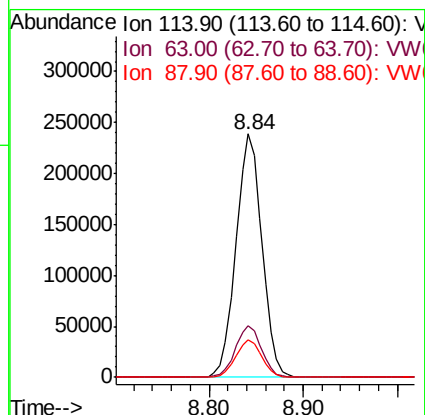
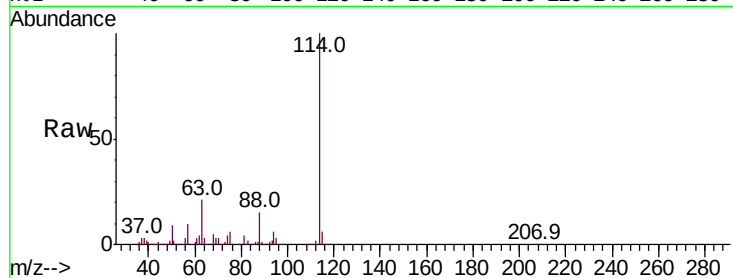




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009135.D
 Acq: 13 Mar 2019 04:39

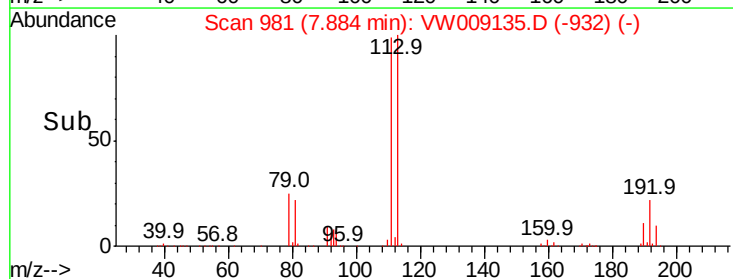
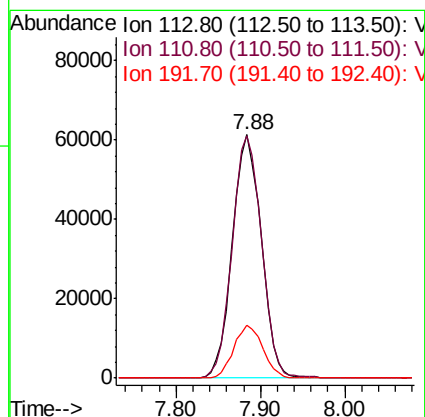
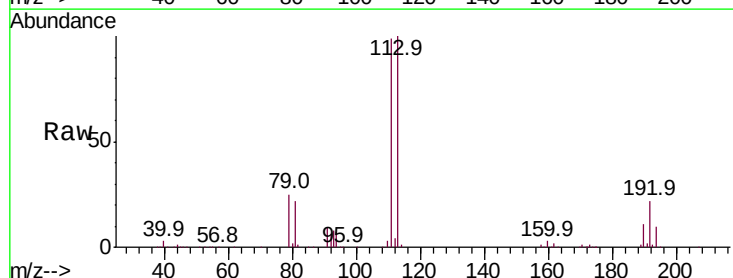
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0312SBL02

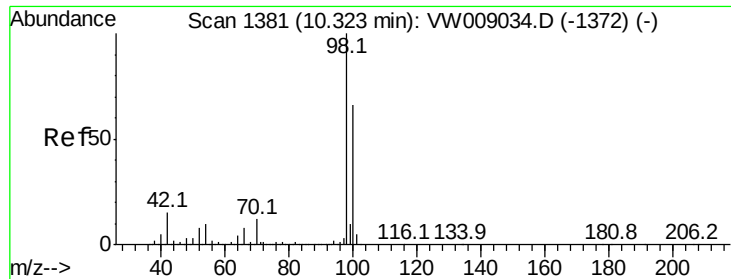
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.2
88	15.2	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 51.912 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009135.D
 Acq: 13 Mar 2019 04:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.0	121.4
192	21.6	17.1	25.7

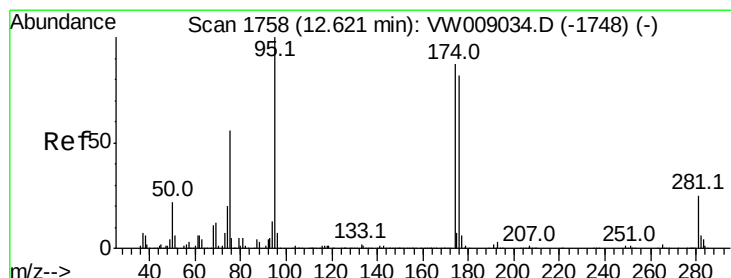
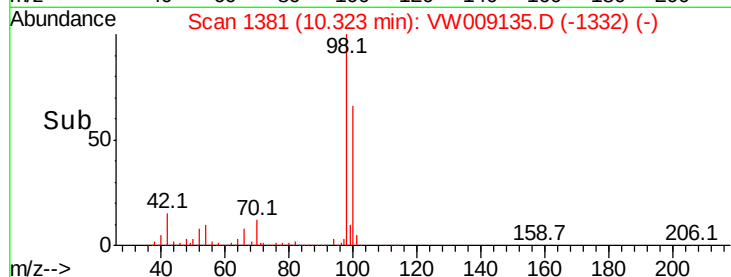
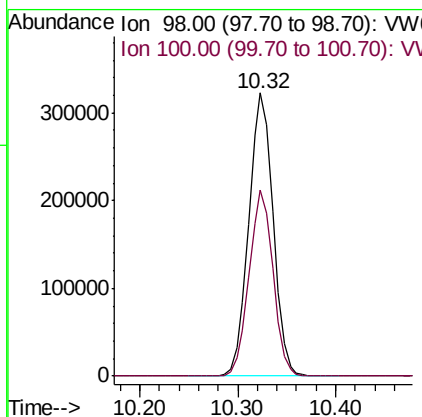
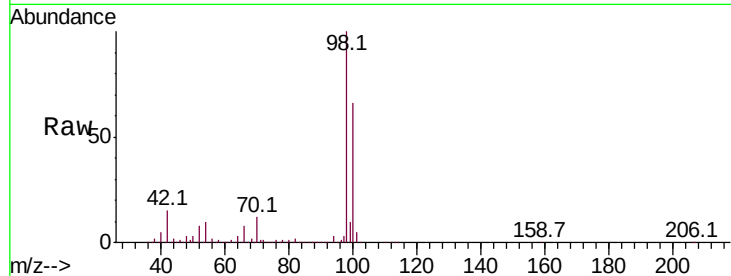




#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009135.D
Acq: 13 Mar 2019 04:39

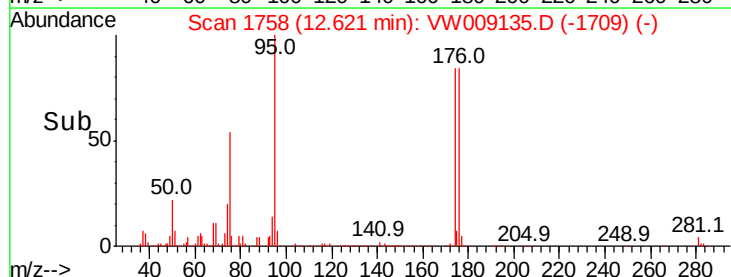
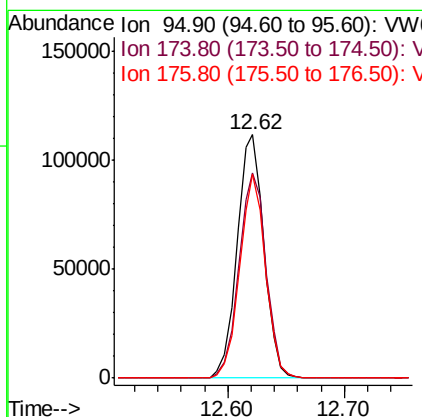
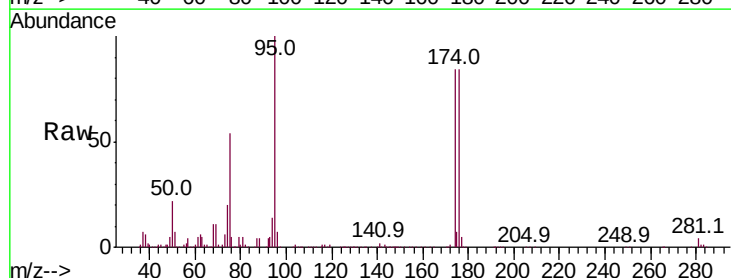
Instrument :
MSVOA_W
ClientSampleId :
VW0312SBL02

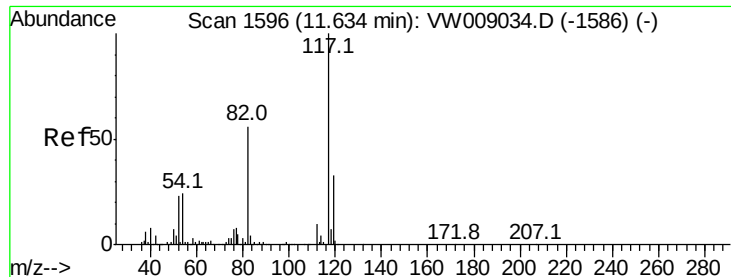
Tot Ion: 98 Resp: 556955
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.199 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009135.D
Acq: 13 Mar 2019 04:39

Tgt Ion: 95 Resp: 178926
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.0
176 80.9 0.0 159.4

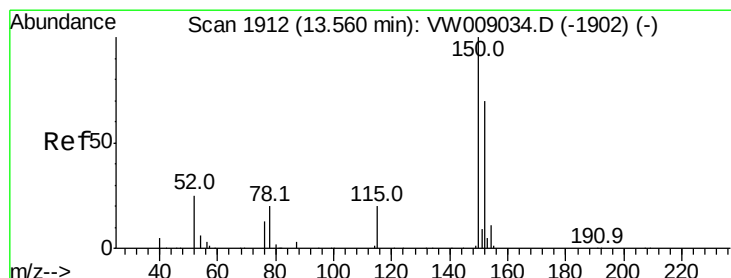
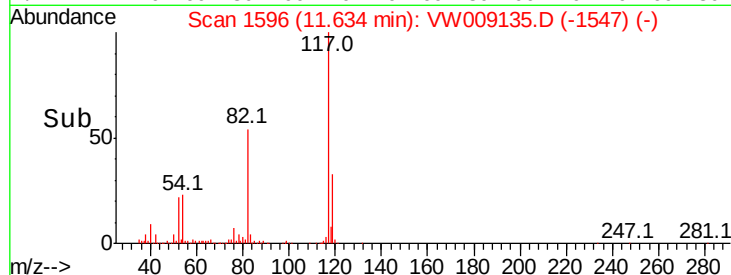
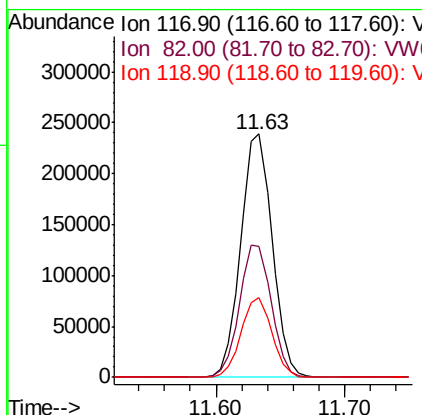
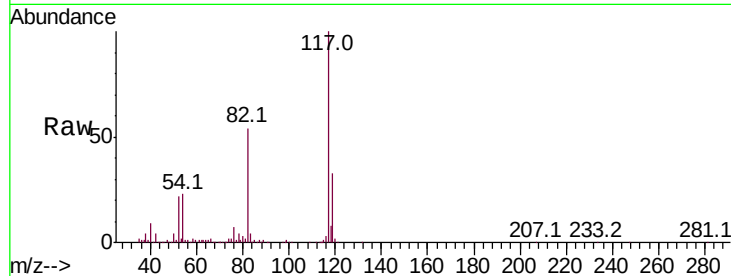




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009135.D
Acq: 13 Mar 2019 04:39

Instrument :
MSVOA_W
ClientSampleId :
VW0312SBL02

Tot Ion:117 Resp: 404497
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.6
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009135.D
Acq: 13 Mar 2019 04:39

Tgt Ion:152 Resp: 182456
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 157.7 0.0 349.2

