

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012999.D
 Acq On : 14 Sep 2019 17:39
 Operator : SY/VA
 Sample : K4852-14
 Misc : 7.48G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BUS-1(5)

Quant Time: Sep 16 07:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	175885	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	159817	61.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	123.10%	
35) Dibromofluoromethane	7.88	113	133781	53.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.60%	
50) Toluene-d8	10.32	98	526781	53.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	184401	52.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.44%	

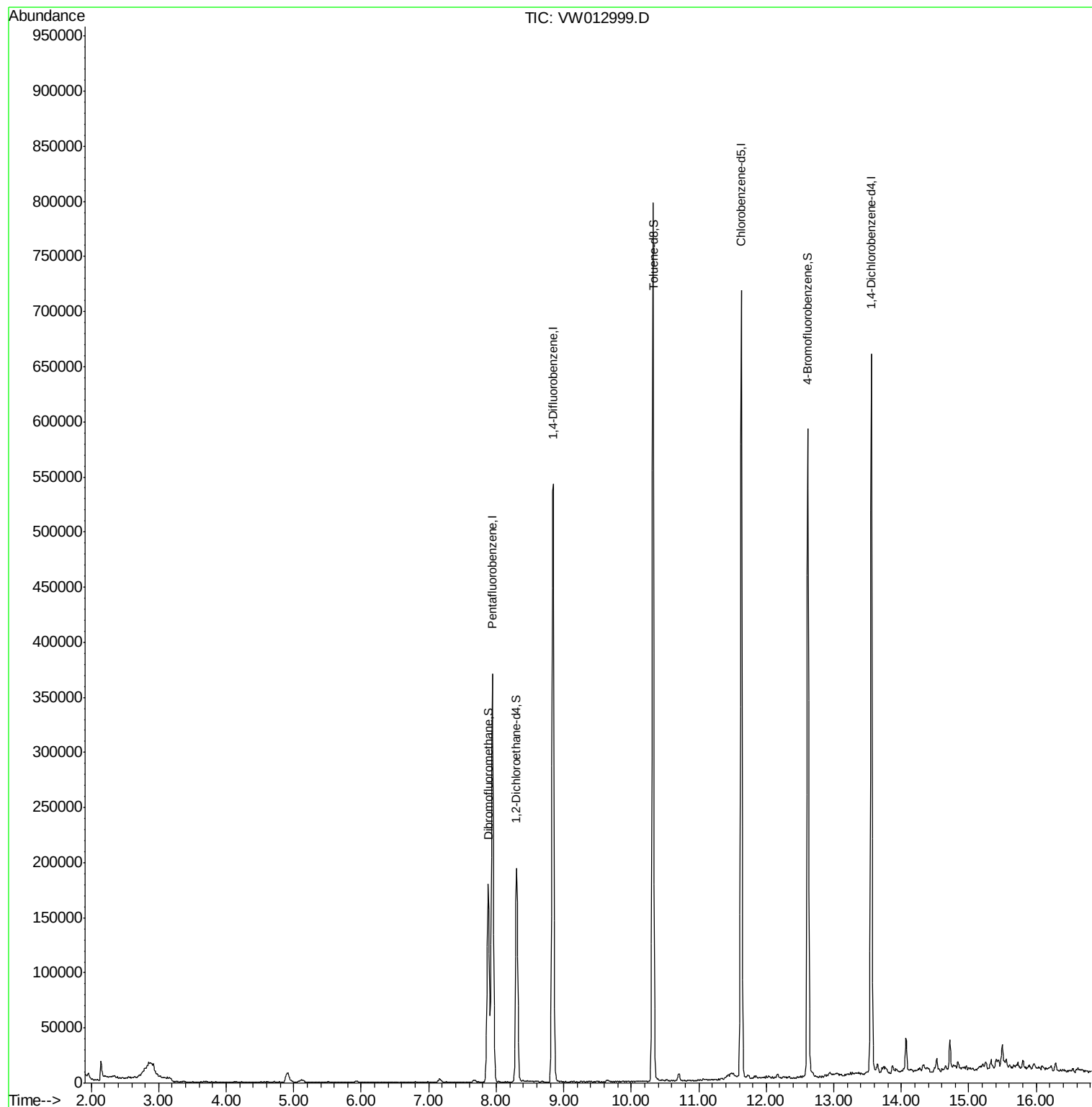
Target Compounds	Qvalue
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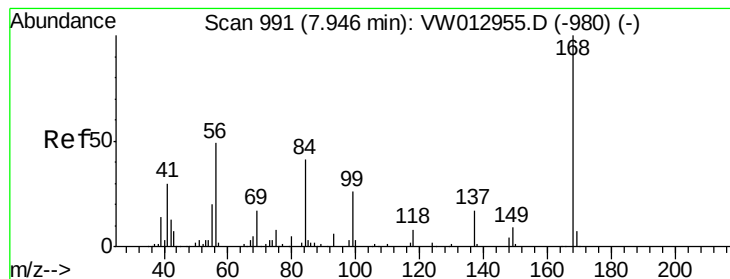
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012999.D

Acq: 14 Sep 2019 17:39

Instrument :

MSVOA_W

ClientSampleId :

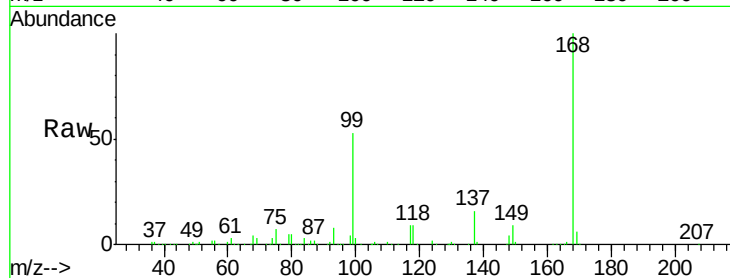
BUS-1(5)

Tot Ion:168 Resp: 281162

Ion Ratio Lower Upper

168 100

99 53.3 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

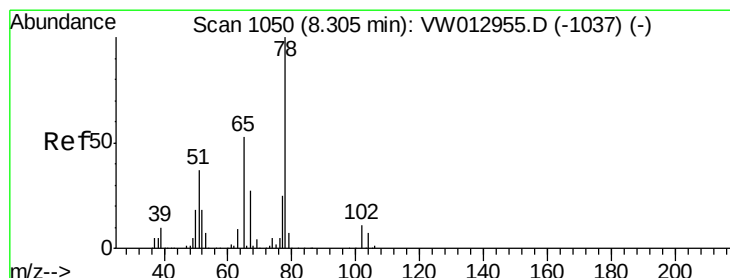
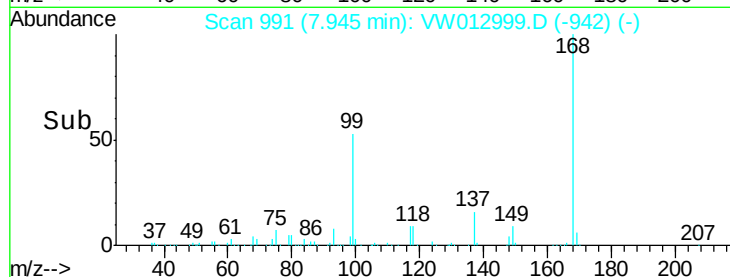
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.545 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012999.D

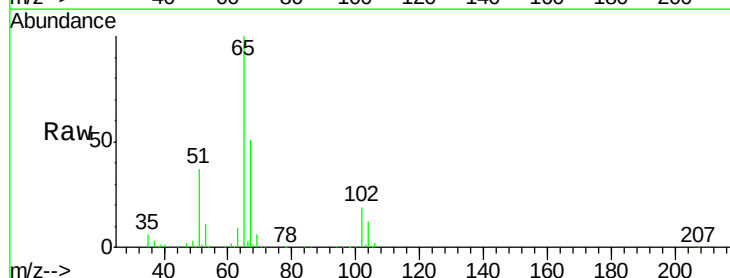
Acq: 14 Sep 2019 17:39

Tgt Ion: 65 Resp: 159817

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

60000

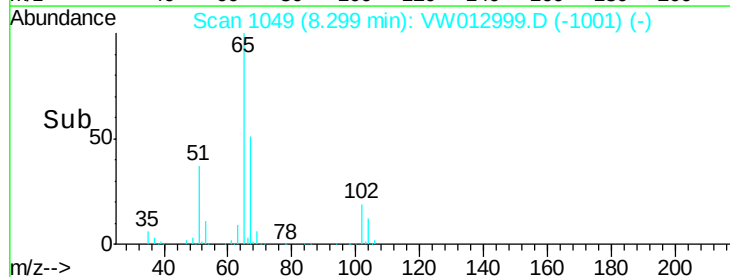
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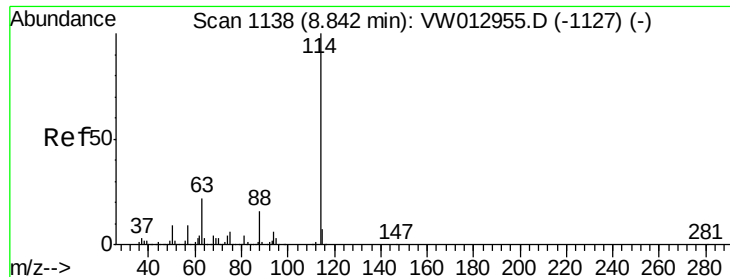
20000

0

8.20 8.30 8.40

Time-->

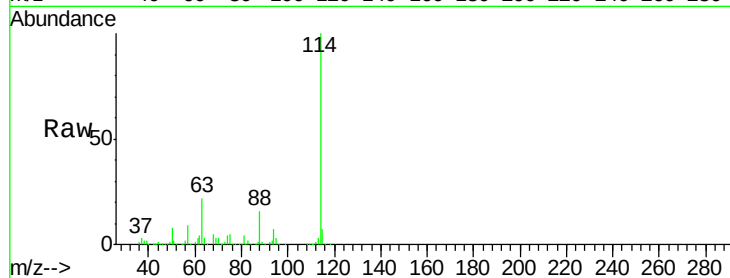




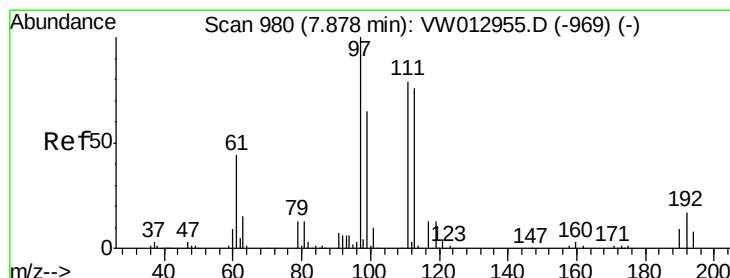
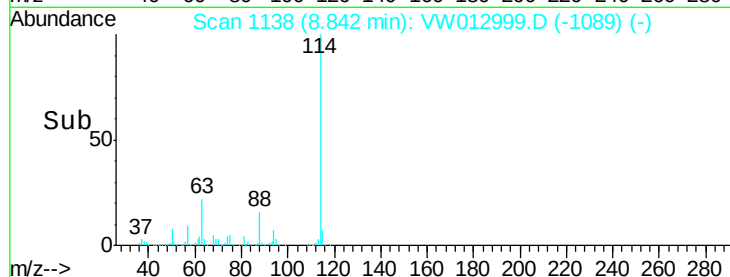
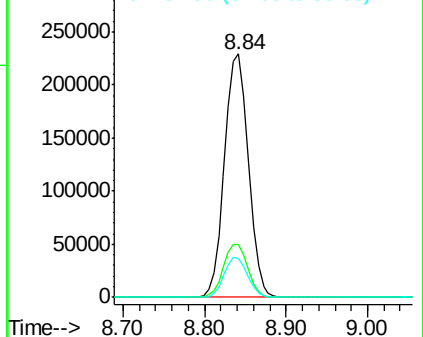
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012999.D
 Acq: 14 Sep 2019 17:39

Instrument :
 MSVOA_W
 ClientSampleId :
 BUS-1(5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.4
88	15.9	0.0	31.6

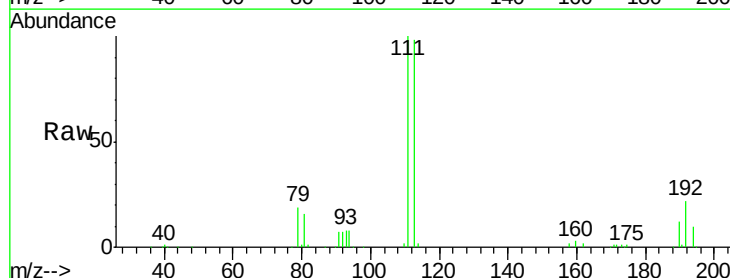


Abundance Ion 113.90 (113.60 to 114.60): V

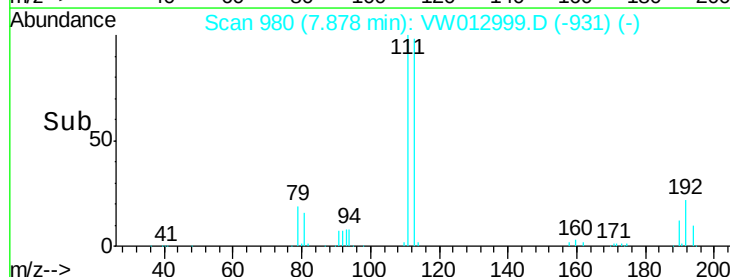
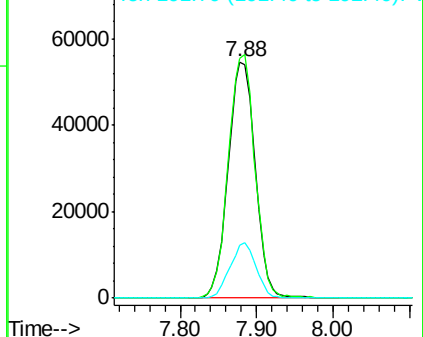


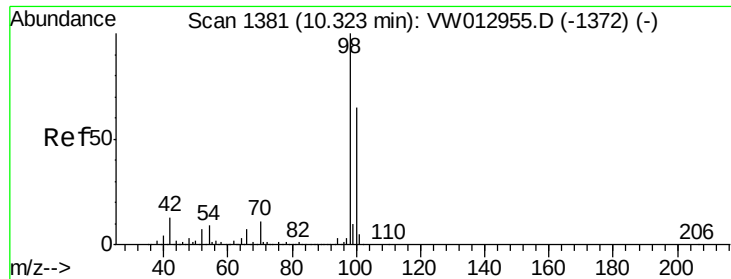
#35
 Dibromofluoromethane
 Concen: 53.303 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012999.D
 Acq: 14 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.8	124.2
192	22.6	17.8	26.8



Abundance Ion 112.80 (112.50 to 113.50): V

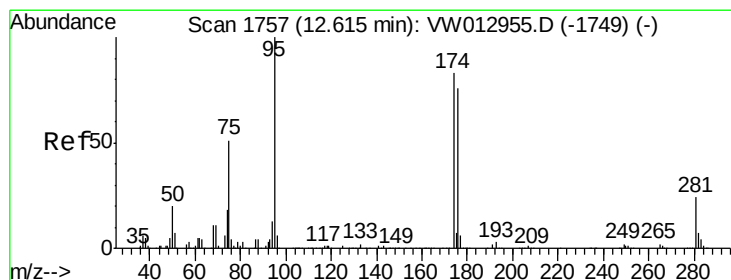
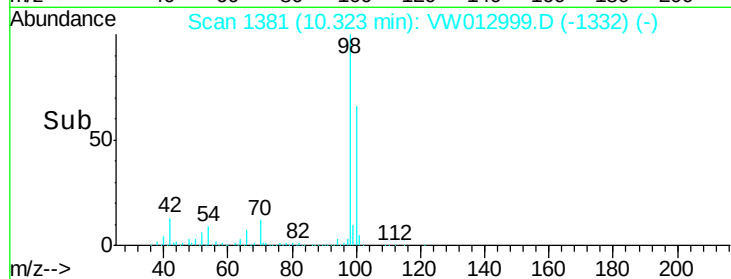
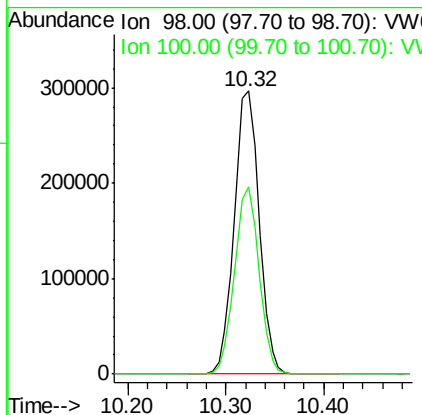
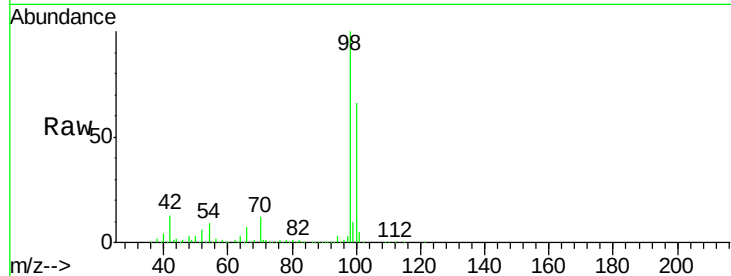




#50
Toluene-d8
Concen: 53.637 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012999.D
Acq: 14 Sep 2019 17:39

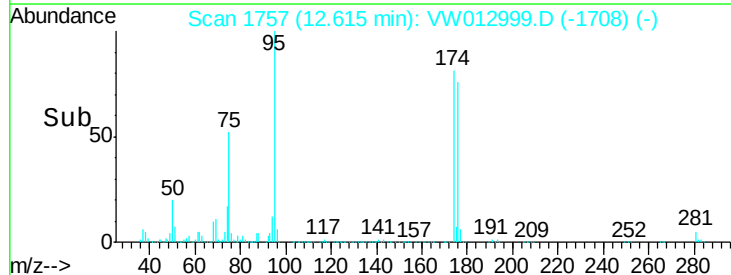
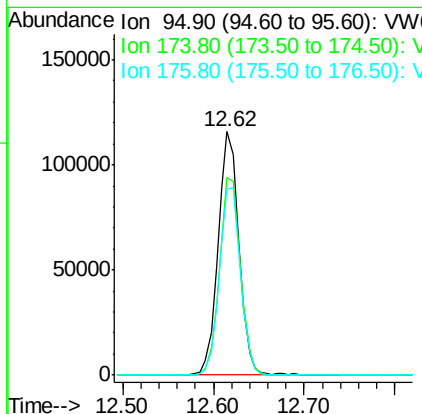
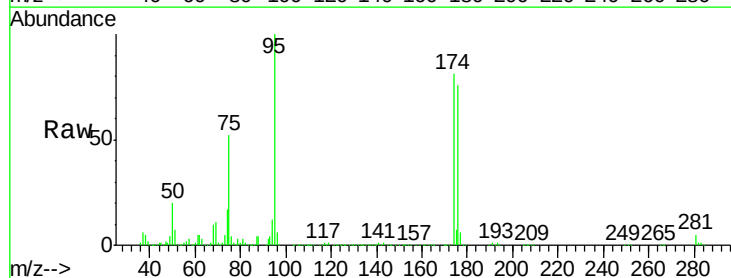
Instrument :
MSVOA_W
ClientSampleId :
BUS-1(5)

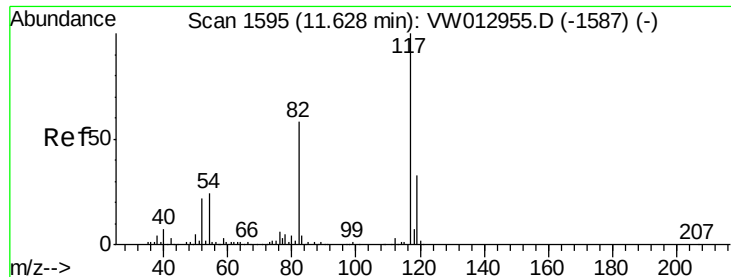
Tot Ion: 98 Resp: 526781
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.216 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012999.D
Acq: 14 Sep 2019 17:39

Tgt Ion: 95 Resp: 184401
Ion Ratio Lower Upper
95 100
174 82.1 0.0 170.4
176 78.5 0.0 164.6

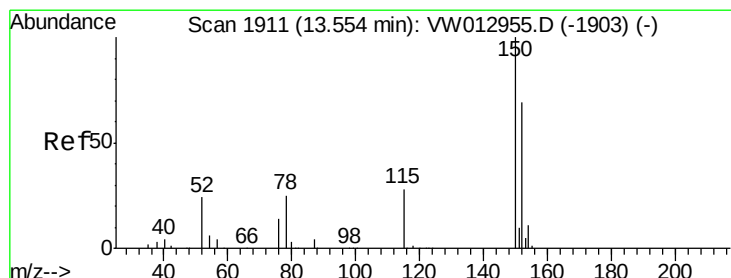
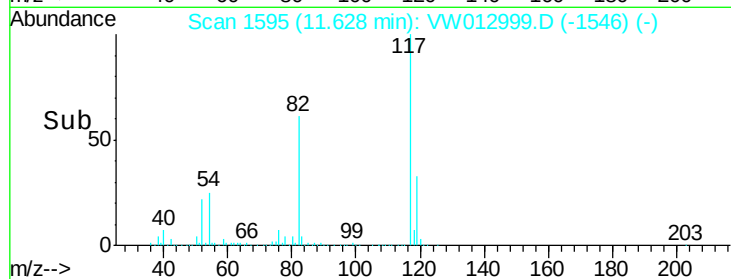
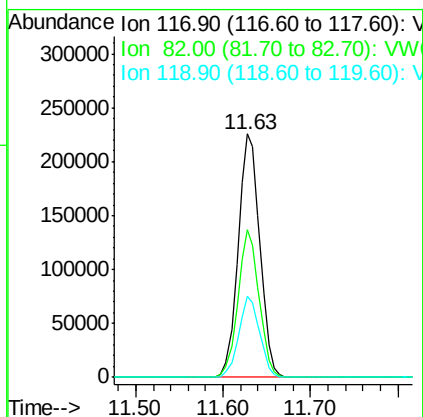
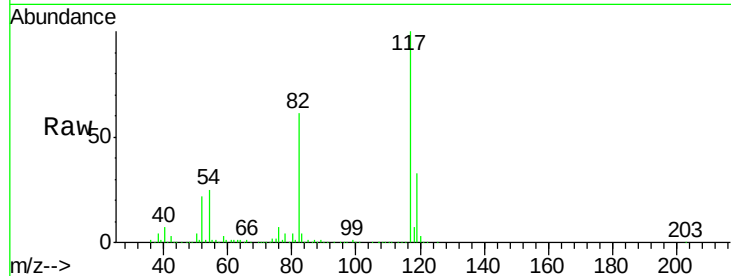




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012999.D
Acq: 14 Sep 2019 17:39

Instrument :
MSVOA_W
ClientSampleId :
BUS-1(5)

Tot Ion:117 Resp: 387267
Ion Ratio Lower Upper
117 100
82 60.5 46.3 69.5
119 33.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW012999.D
Acq: 14 Sep 2019 17:39

Tgt Ion:152 Resp: 175885
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.4
150 156.0 0.0 340.2

