

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008342.D
 Acq On : 17 Jan 2019 21:33
 Operator : SY/VA
 Sample : K1173-07
 Misc : 6.66G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3425

Quant Time: Jan 18 01:52:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	136178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	52080	66.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.90%	
35) Dibromofluoromethane	7.88	113	45324	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.32	98	175216	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	58810	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

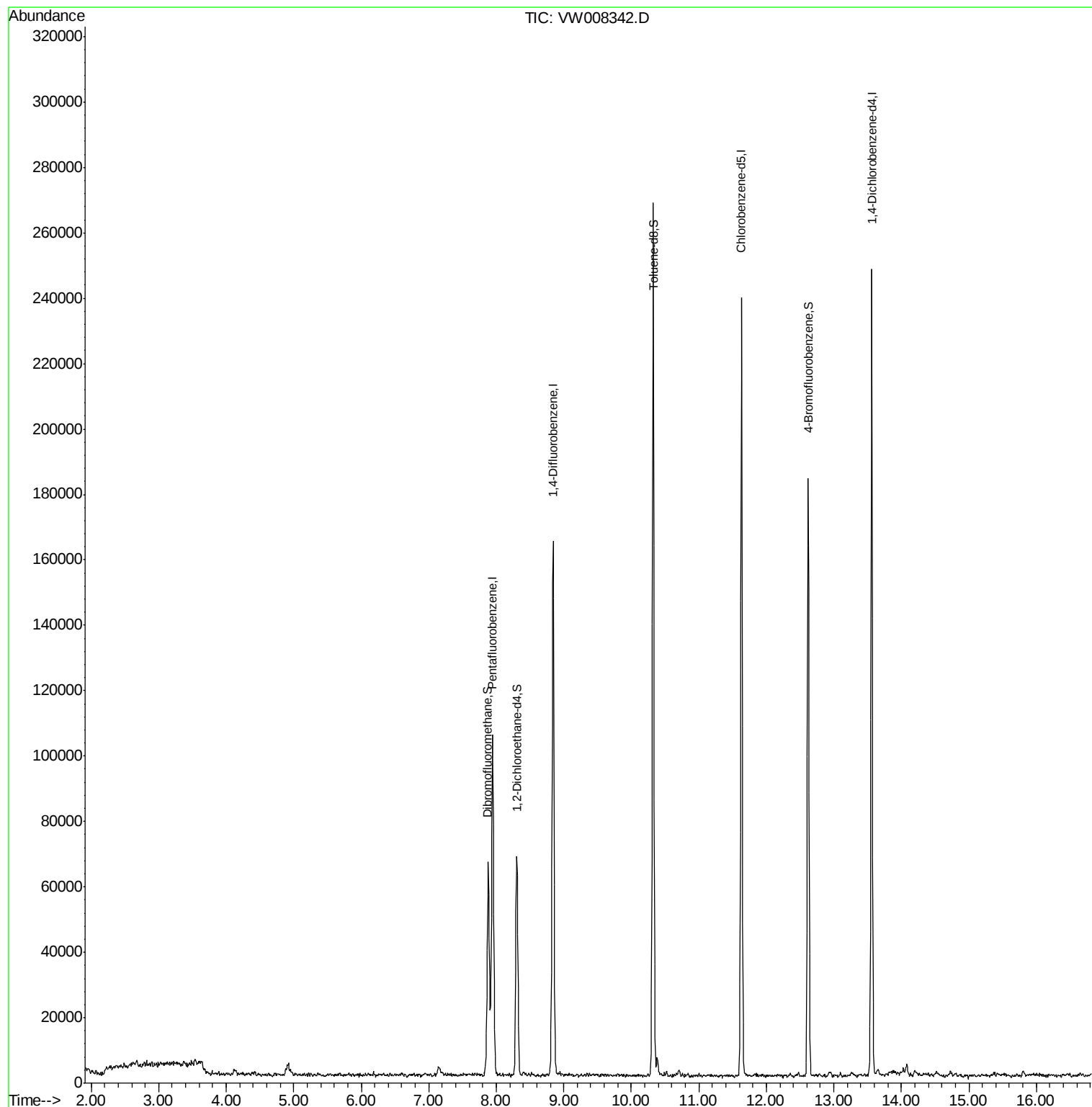
Target Compounds	Qvalue

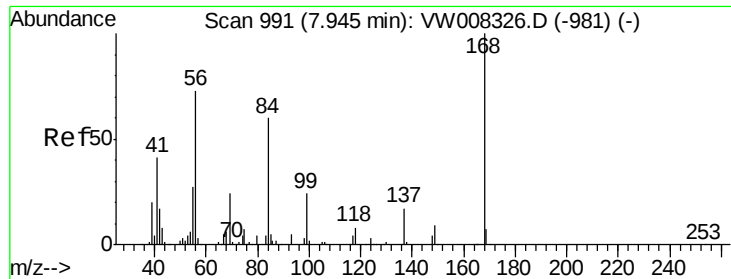
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011719\
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QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

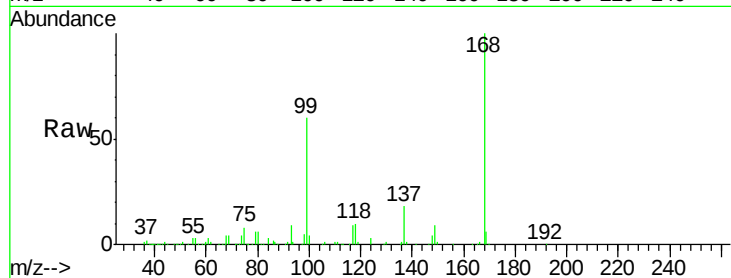
RT-3425

Tot Ion:168 Resp: 75349

Ion Ratio Lower Upper

168 100

99 60.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

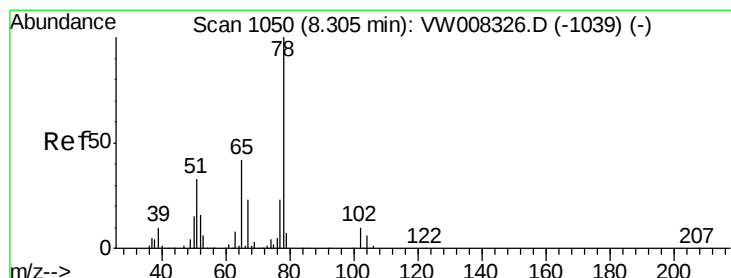
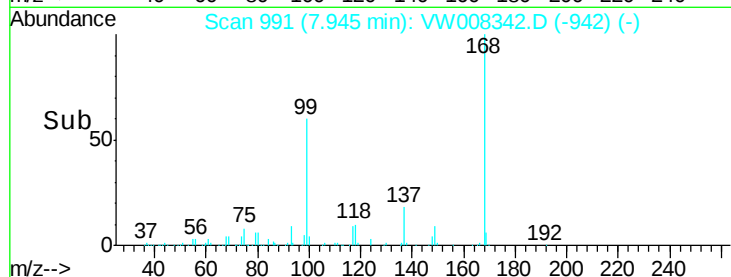
20000

10000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 66.445 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008342.D

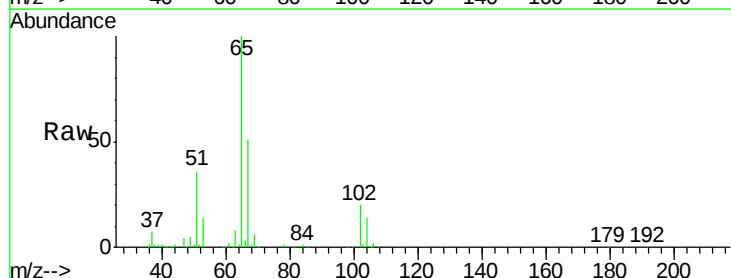
Acq: 17 Jan 2019 21:33

Tgt Ion: 65 Resp: 52080

Ion Ratio Lower Upper

65 100

67 50.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

25000

20000

15000

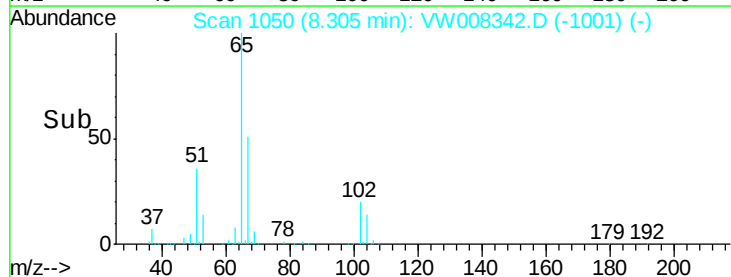
10000

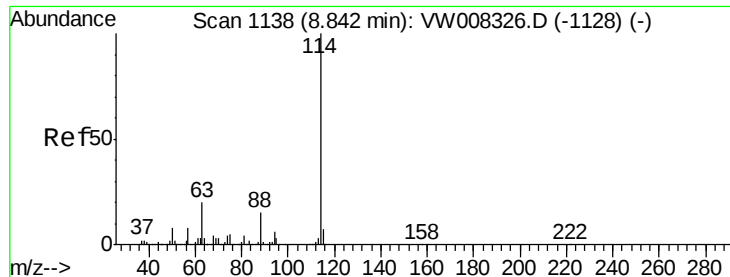
5000

0

8.20 8.30 8.40

Time-->

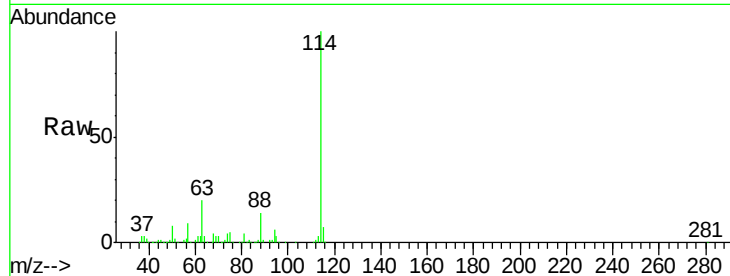




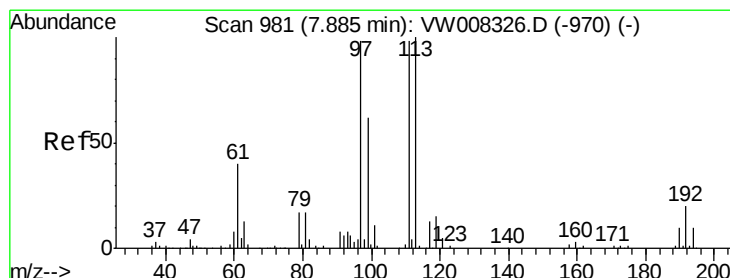
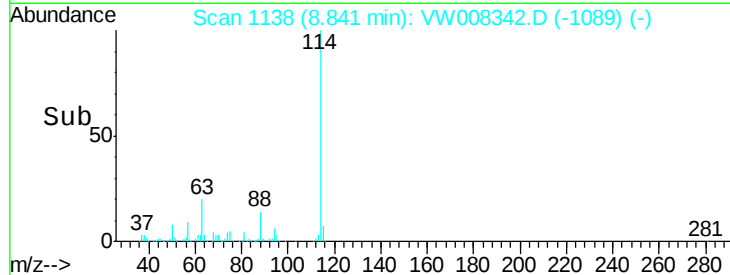
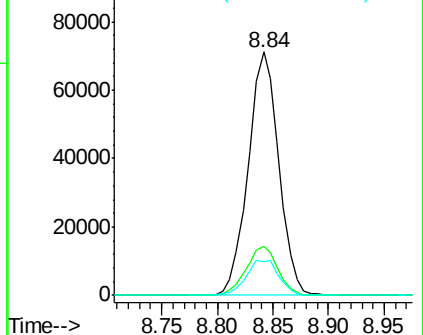
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008342.D
 Acq: 17 Jan 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3425

Tot Ion:114 Resp: 136178
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 13.8 0.0 30.4

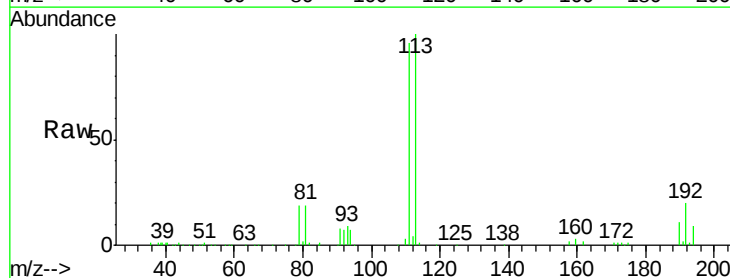


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

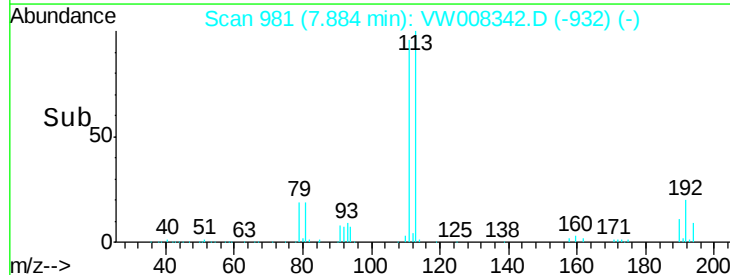
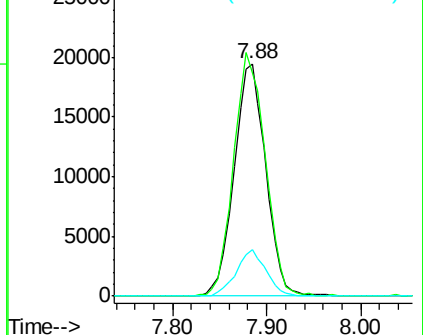


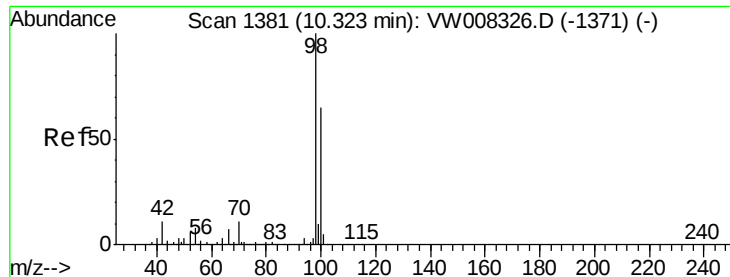
#35
 Dibromofluoromethane
 Concen: 52.140 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008342.D
 Acq: 17 Jan 2019 21:33

Tgt Ion:113 Resp: 45324
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.8
 192 18.7 16.3 24.5



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: 51.308 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

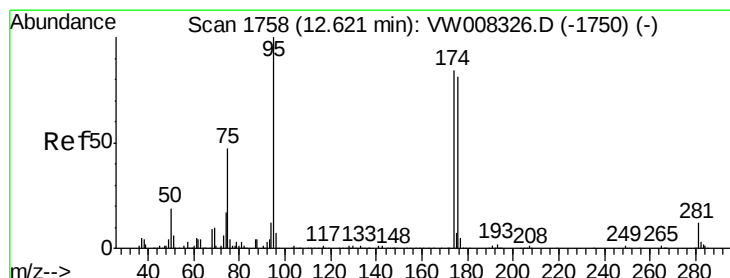
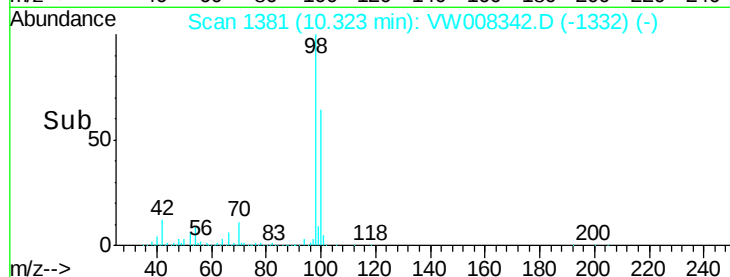
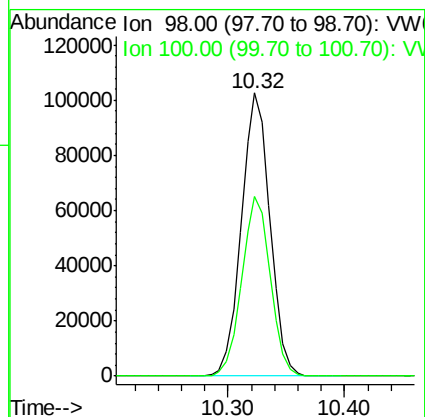
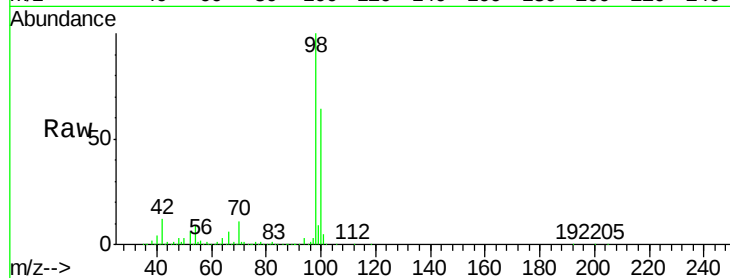
RT-3425

Tot Ion: 98 Resp: 175216

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 48.017 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

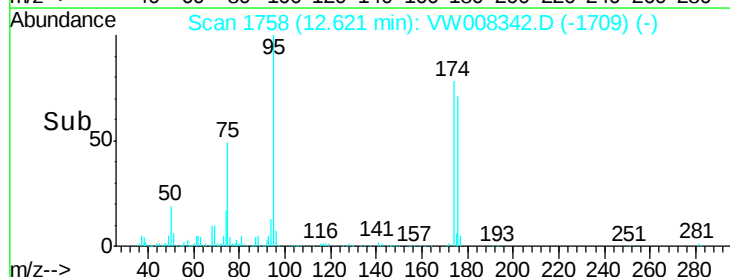
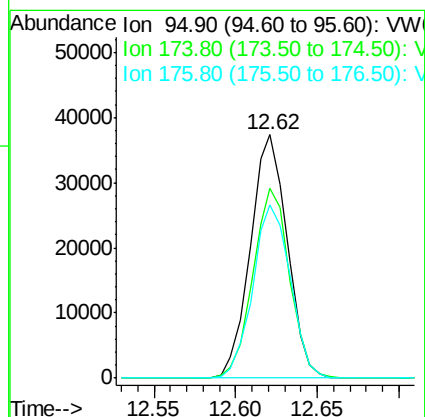
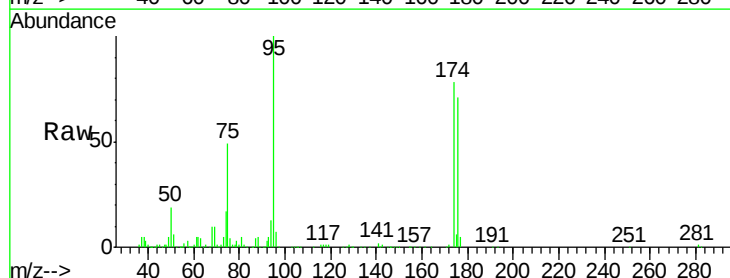
Tgt Ion: 95 Resp: 58810

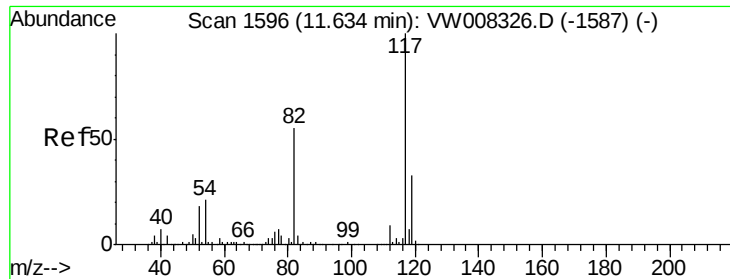
Ion Ratio Lower Upper

95 100

174 77.5 0.0 166.0

176 72.5 0.0 160.0

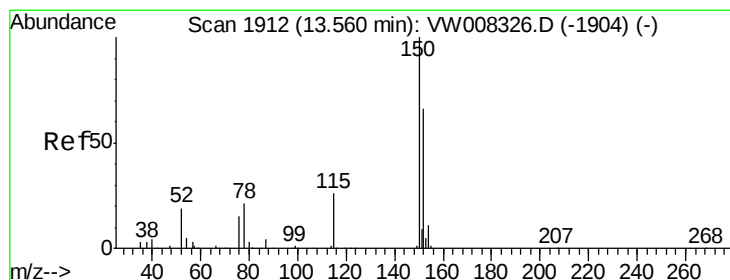
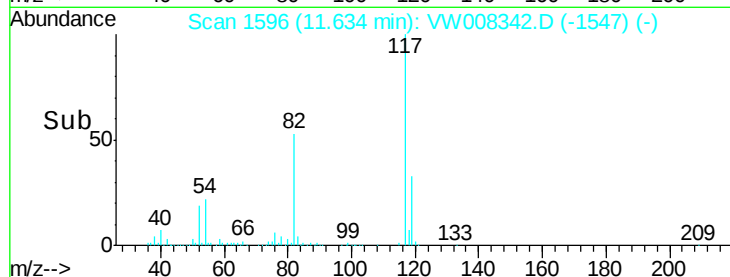
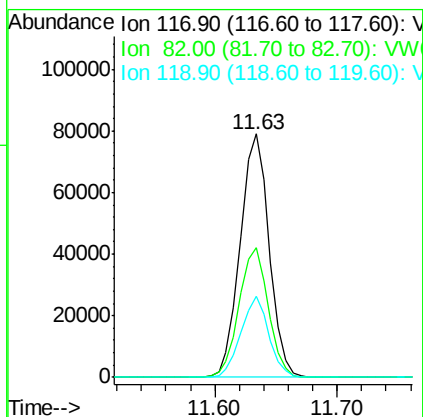
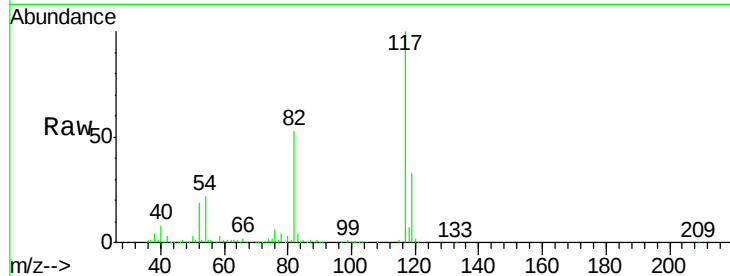




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008342.D
Acq: 17 Jan 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
RT-3425

Tot Ion:117 Resp: 129475
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 33.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008342.D
Acq: 17 Jan 2019 21:33

Tgt Ion:152 Resp: 61470
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.4
150 157.9 0.0 351.4

