

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063340.D
 Acq On : 3 Aug 2019 3:44
 Operator : VA/AP
 Sample : K4130-19
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-M-(30)

Quant Time: Aug 04 05:03:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	299291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	478486	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	445353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	222633	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	265028	79.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.62%	
35) Dibromofluoromethane	6.92	113	228986	56.05	ug/l	0.01
Spiked Amount	50.000		Recovery	=	112.10%	
50) Toluene-d8	10.40	98	433558	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	13.55	95	201268	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

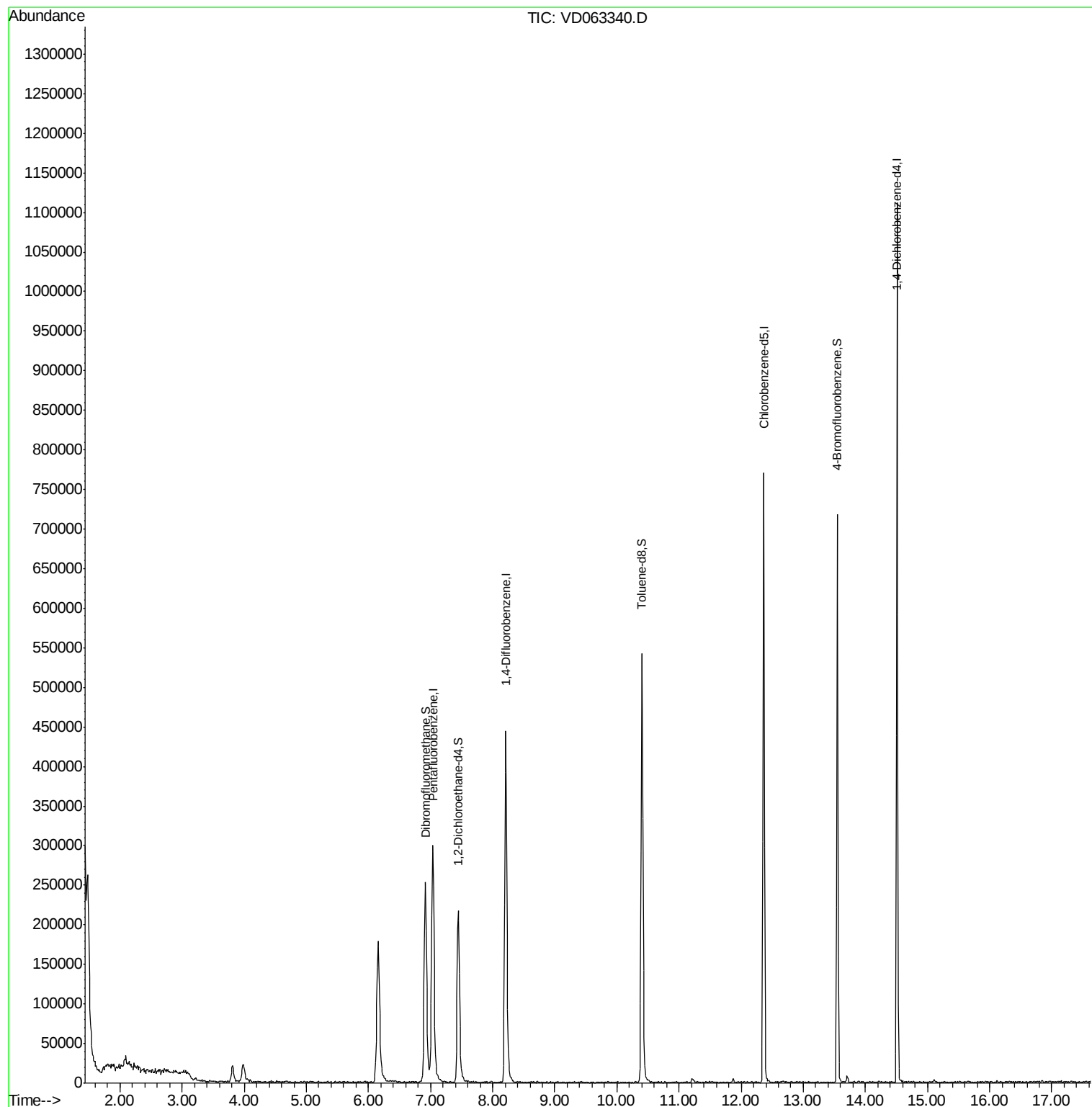
Target Compounds	Qvalue

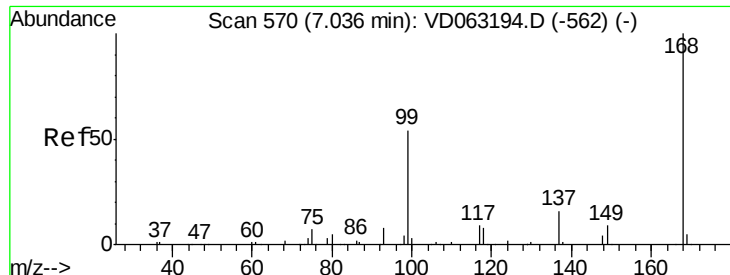
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080219\
Data File : VD063340.D
Acq On : 3 Aug 2019 3:44
Operator : VA/AP
Sample : K4130-19
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1S-M-(30)

Quant Time: Aug 04 05:03:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

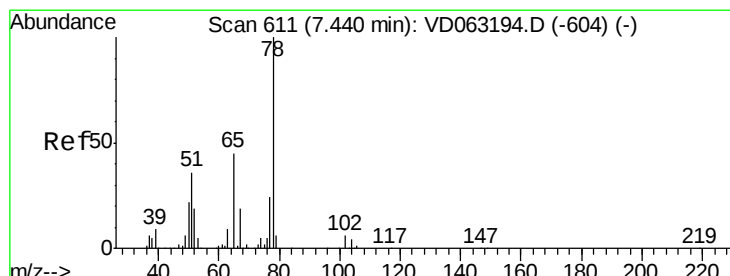
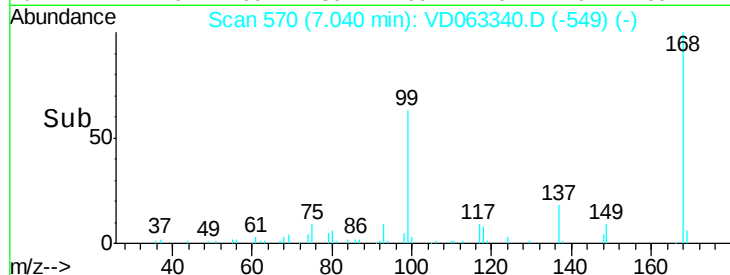
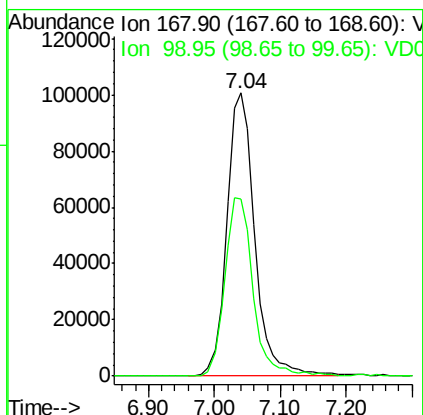
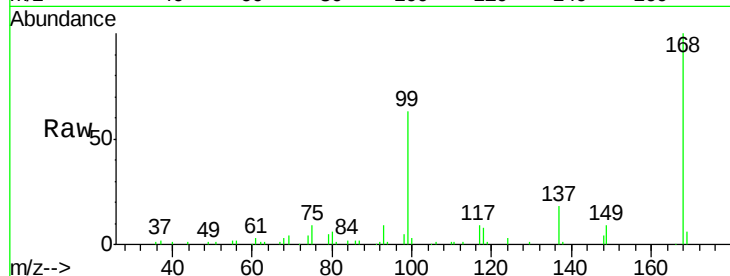




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD063340.D
Acq: 3 Aug 2019 3:44

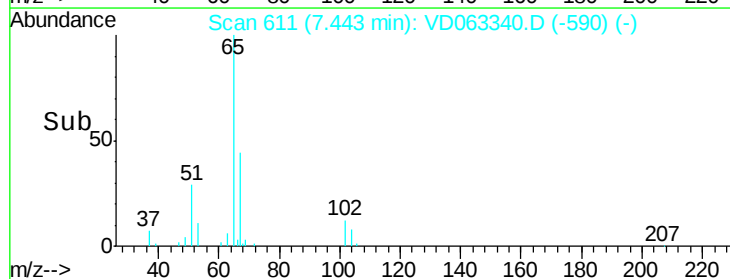
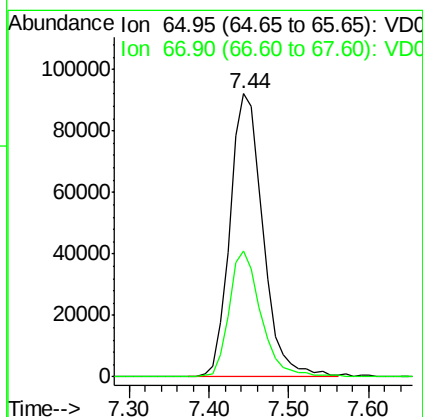
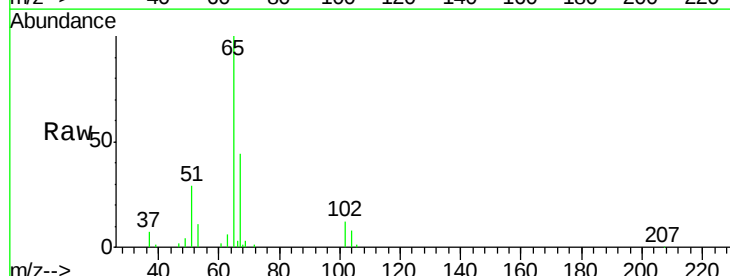
Instrument :
MSVOA_D
ClientSampleId :
1S-M-(30)

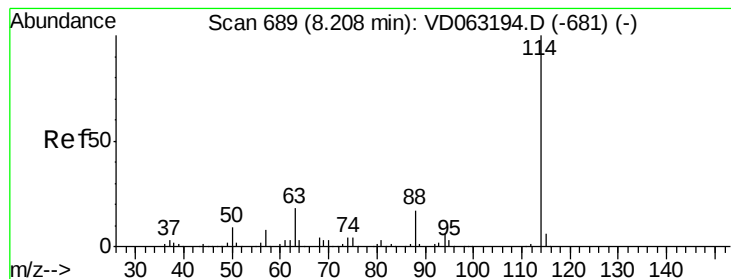
Tot Ion:168 Resp: 299291
Ion Ratio Lower Upper
168 100
99 62.7 43.7 65.5



#33
1,2-Dichloroethane-d4
Concen: 79.806 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.00 min
Lab File: VD063340.D
Acq: 3 Aug 2019 3:44

Tgt Ion: 65 Resp: 265028
Ion Ratio Lower Upper
65 100
67 44.4 0.0 85.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063340.D

Acq: 3 Aug 2019 3:44

Instrument :

MSVOA_D

ClientSampleId :

1S-M-(30)

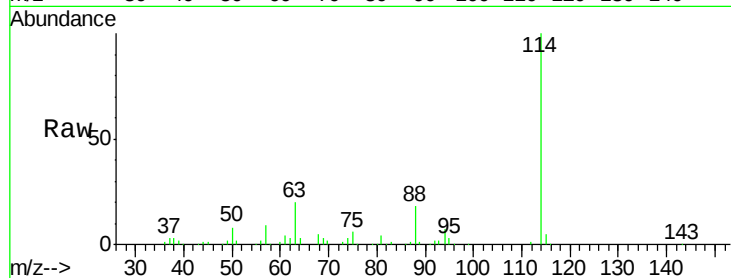
Tot Ion:114 Resp: 478486

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.2

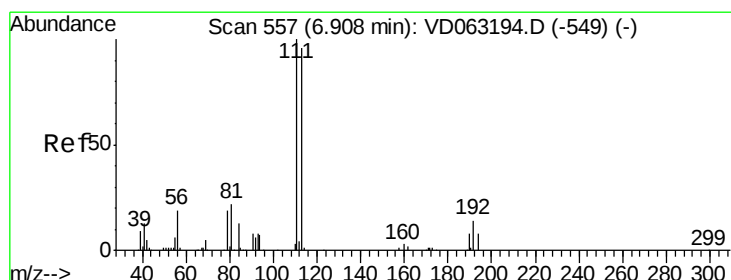
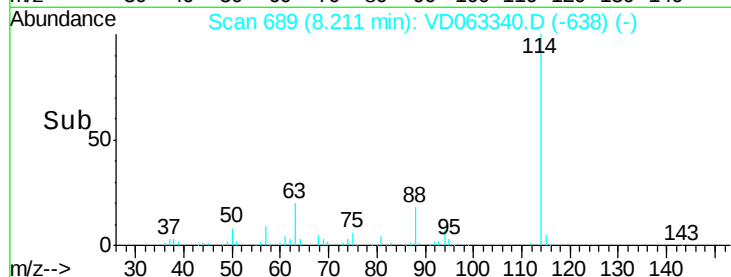
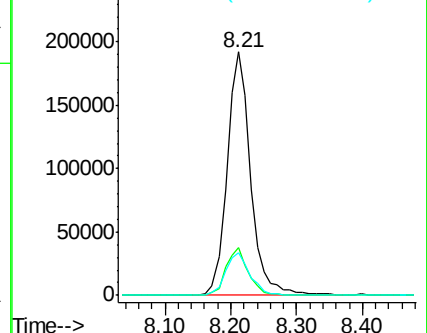
88 17.7 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 56.052 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063340.D

Acq: 3 Aug 2019 3:44

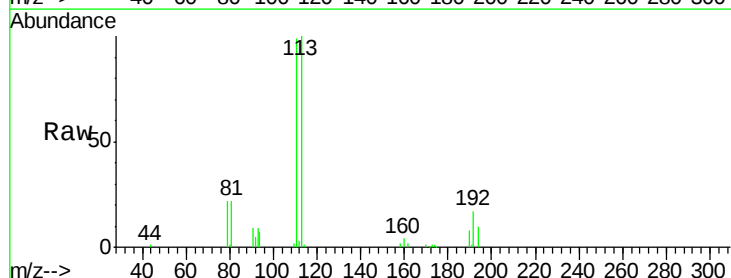
Tgt Ion:113 Resp: 228986

Ion Ratio Lower Upper

113 100

111 99.3 83.2 124.8

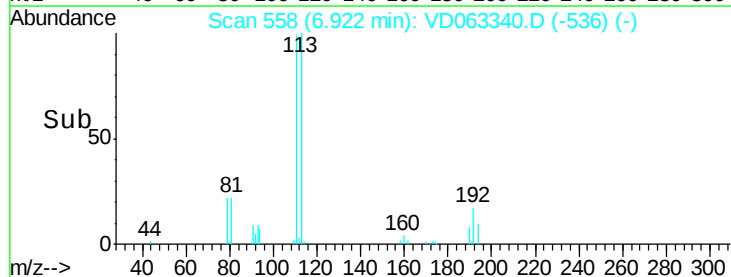
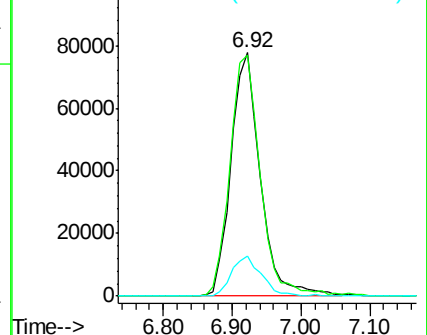
192 16.5 11.8 17.8

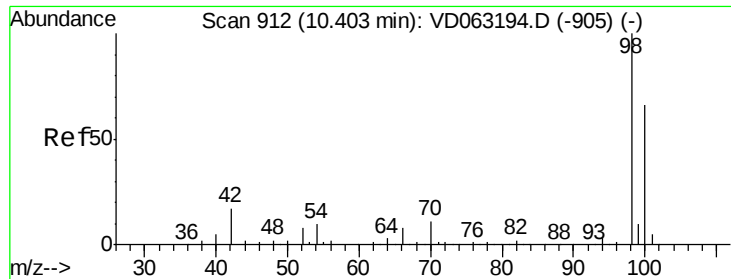


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 47.421 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063340.D

Acq: 3 Aug 2019 3:44

Instrument :

MSVOA_D

ClientSampleId :

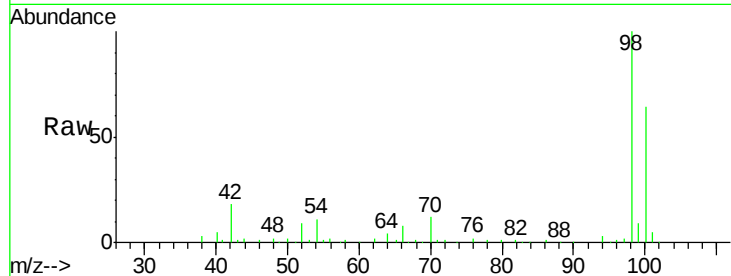
1S-M-(30)

Tot Ion: 98 Resp: 433558

Ion Ratio Lower Upper

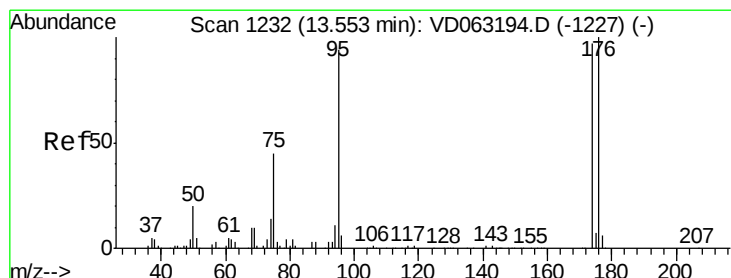
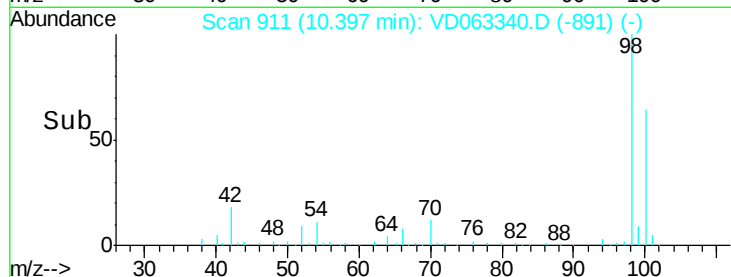
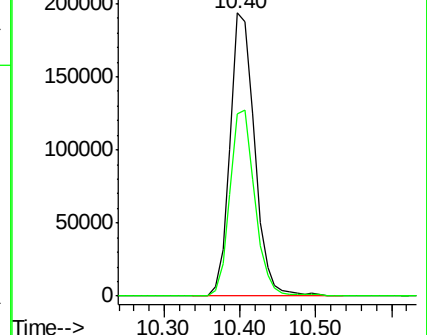
98 100

100 64.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 48.308 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063340.D

Acq: 3 Aug 2019 3:44

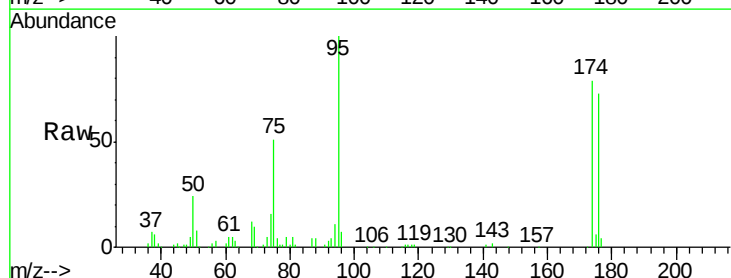
Tgt Ion: 95 Resp: 201268

Ion Ratio Lower Upper

95 100

174 79.0 0.0 205.4

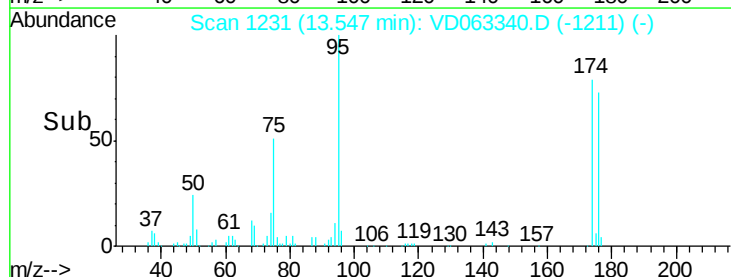
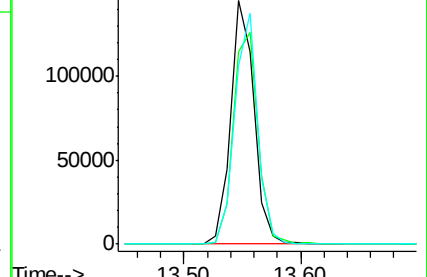
176 73.4 0.0 211.8

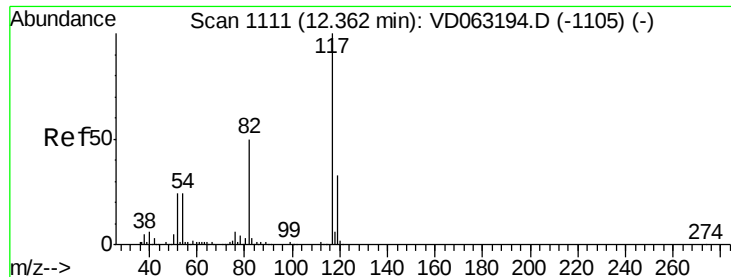


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

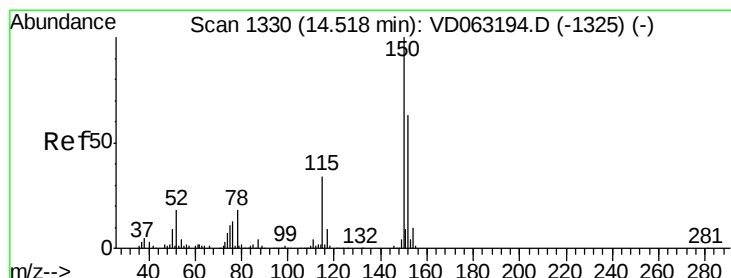
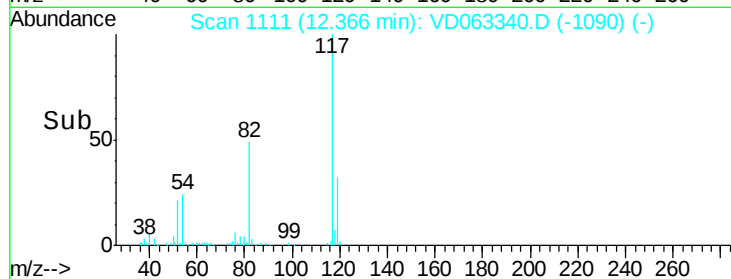
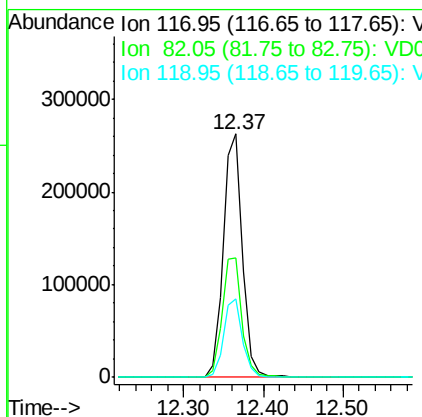
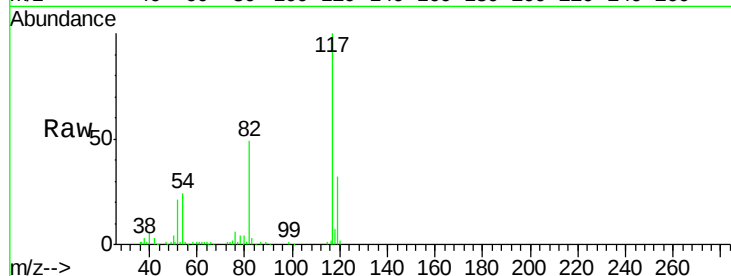




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063340.D
Acq: 3 Aug 2019 3:44

Instrument :
MSVOA_D
ClientSampleId :
1S-M-(30)

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.2	40.1	60.1
119	32.2	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063340.D
Acq: 3 Aug 2019 3:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	27.5	82.4
150	160.6	0.0	320.6

