

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063336.D
 Acq On : 3 Aug 2019 1:55
 Operator : VA/AP
 Sample : K4130-13
 Misc : 5.12g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Aug 04 04:56:13 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	1156296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1667899	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1329061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	638541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	586072	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
35) Dibromofluoromethane	6.92	113	653406	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
50) Toluene-d8	10.40	98	1416178	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
62) 4-Bromofluorobenzene	13.55	95	552061	38.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.02%	

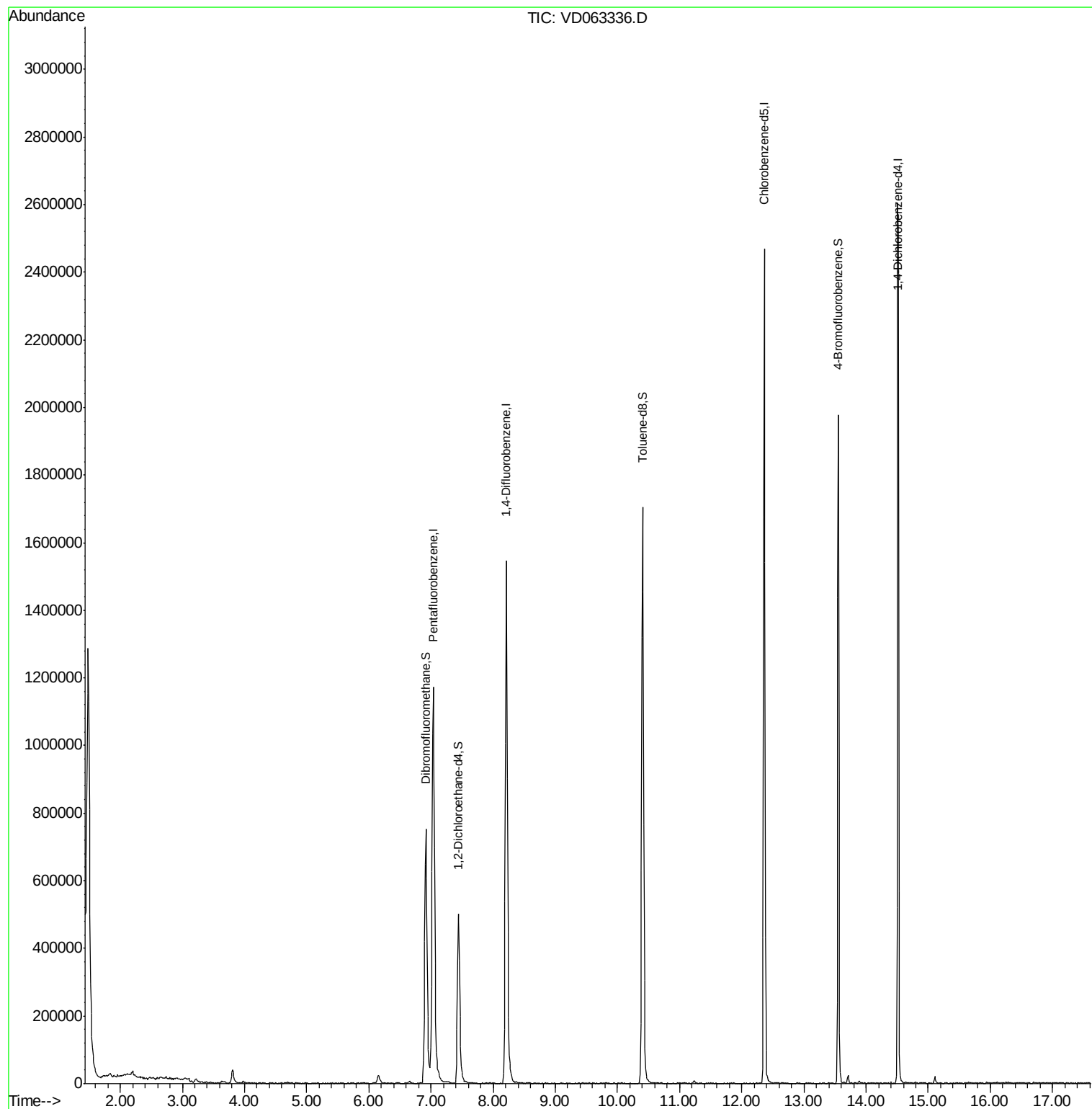
Target Compounds	Qvalue

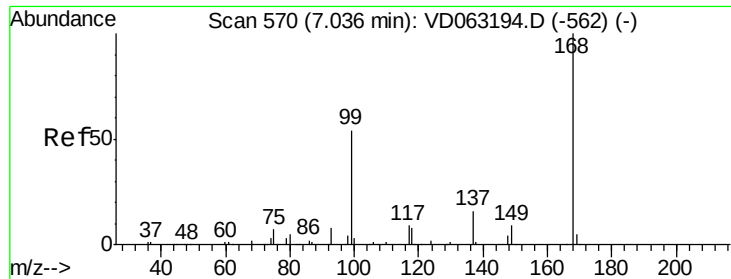
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063336.D

Acq: 3 Aug 2019 1:55

Instrument :

MSVOA_D

ClientSampleId :

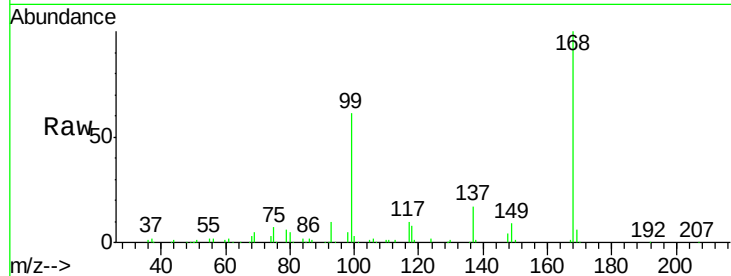
1S-G-(30)

Tot Ion:168 Resp: 1156296

Ion Ratio Lower Upper

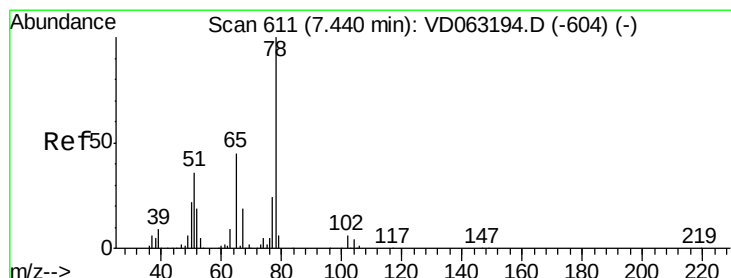
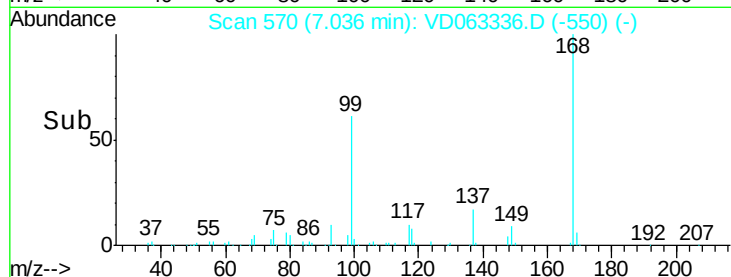
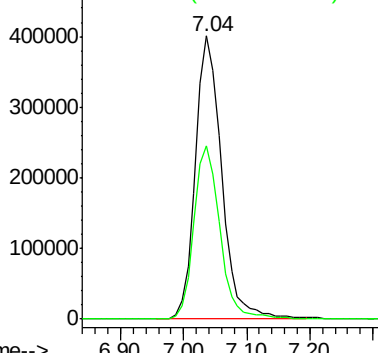
168 100

99 61.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 45.679 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063336.D

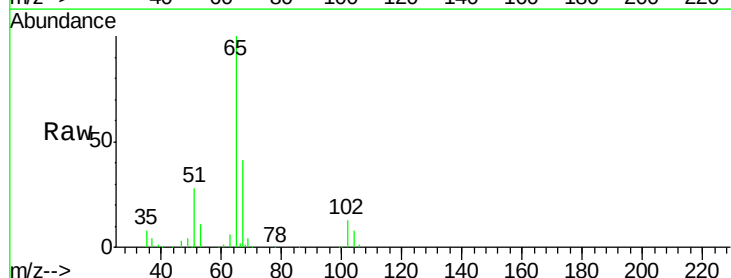
Acq: 3 Aug 2019 1:55

Tgt Ion: 65 Resp: 586072

Ion Ratio Lower Upper

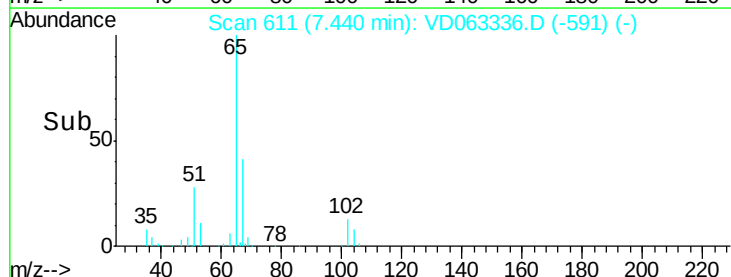
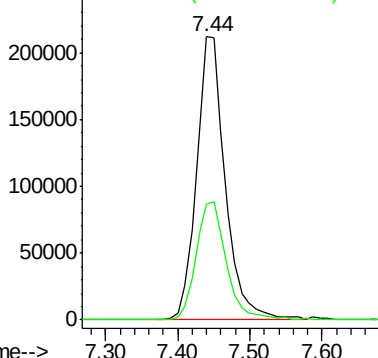
65 100

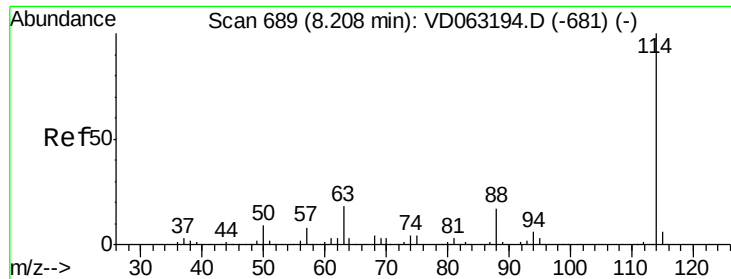
67 41.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

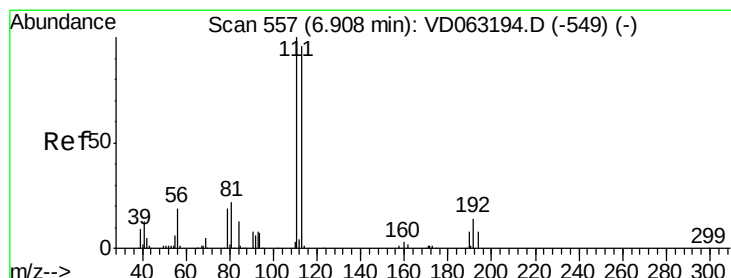
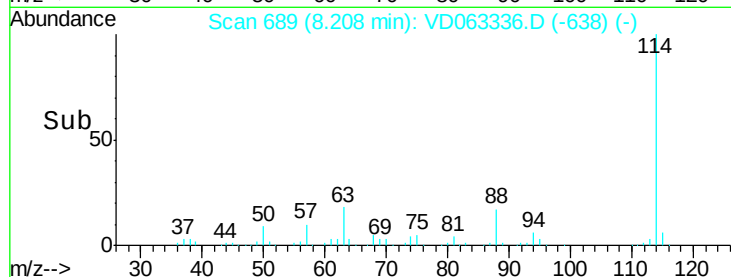
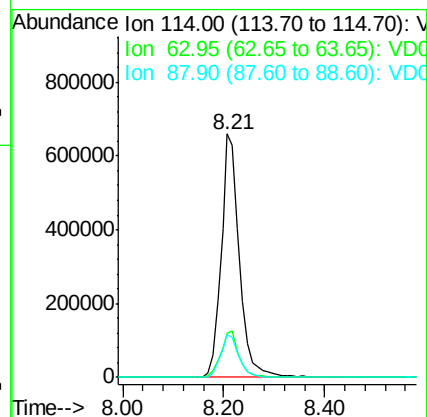
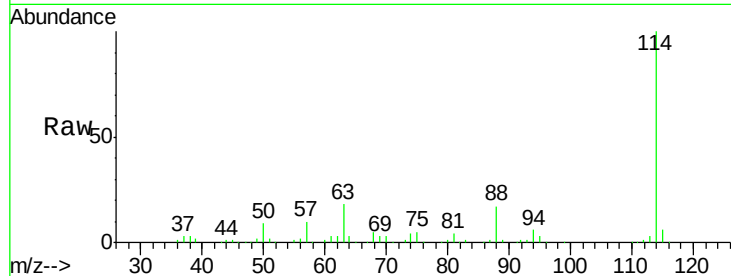




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063336.D
 Acq: 3 Aug 2019 1:55

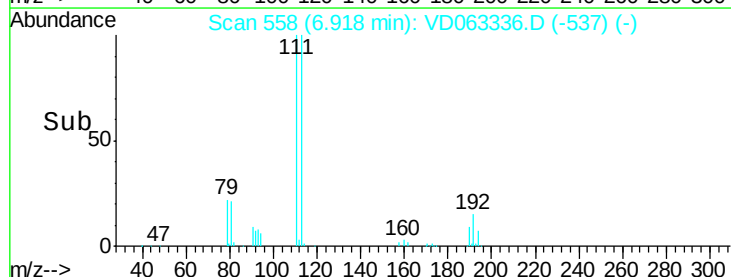
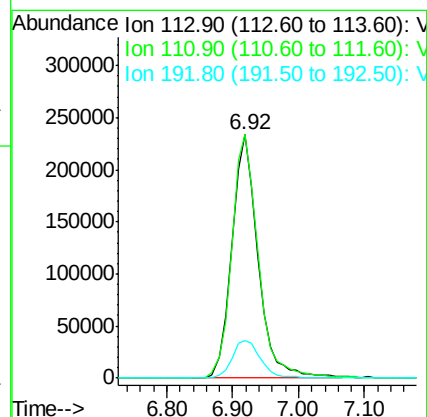
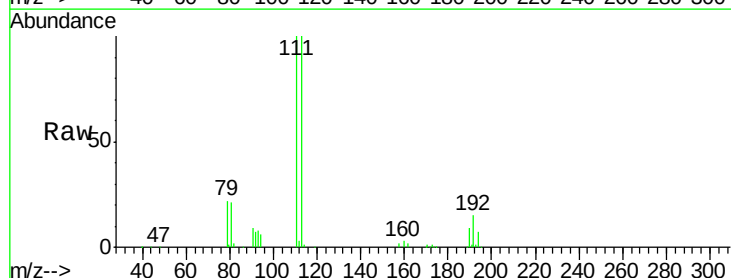
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-G-(30)

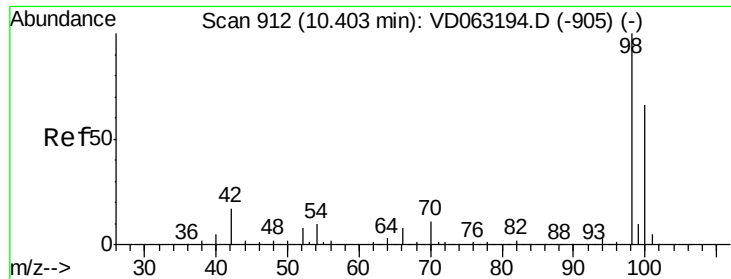
Tot Ion:114 Resp: 1667899
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 17.4 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 45.884 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063336.D
 Acq: 3 Aug 2019 1:55

Tgt Ion:113 Resp: 653406
 Ion Ratio Lower Upper
 113 100
 111 100.1 83.2 124.8
 192 15.2 11.8 17.8

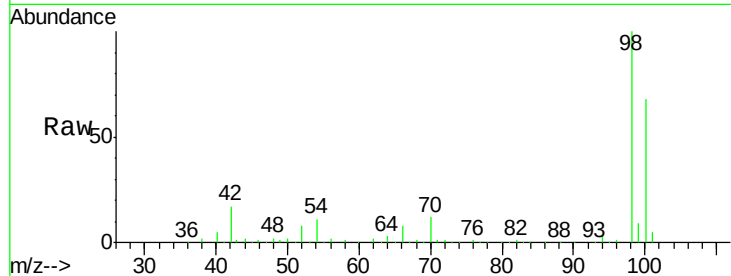




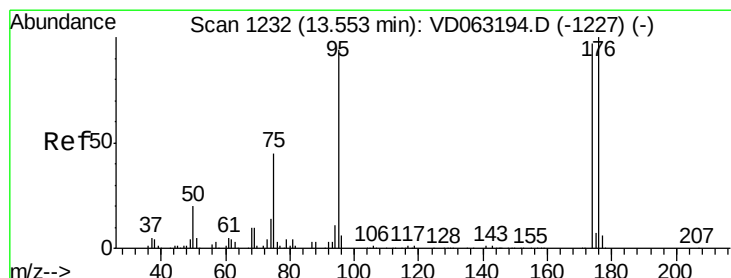
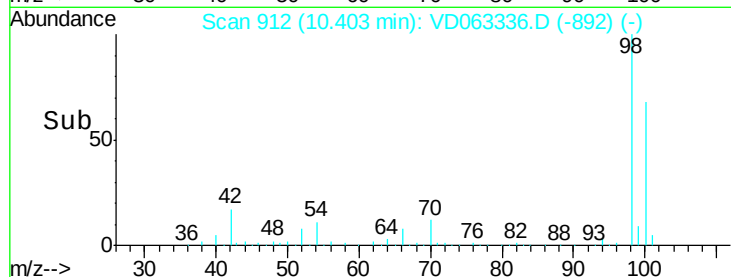
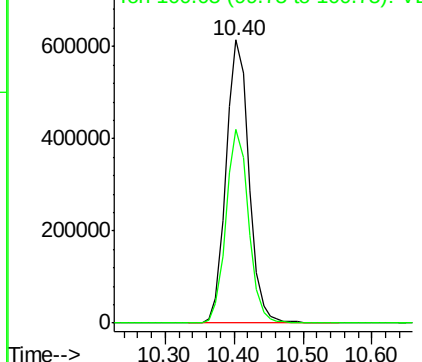
#50
Toluene-d8
Concen: 44.436 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063336.D
Acq: 3 Aug 2019 1:55

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

Tot Ion: 98 Resp: 1416178
Ion Ratio Lower Upper
98 100
100 68.4 53.2 79.8

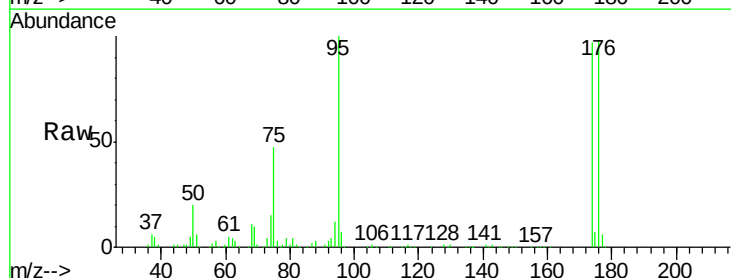


Abundance Ion 98.05 (97.75 to 98.75): VD063336.D (-892) (-)
Ion 100.05 (99.75 to 100.75): VD063336.D (-892) (-)

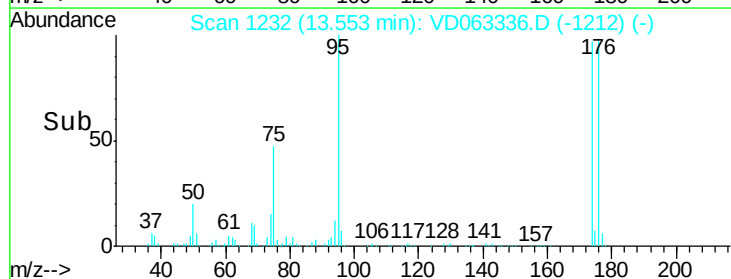
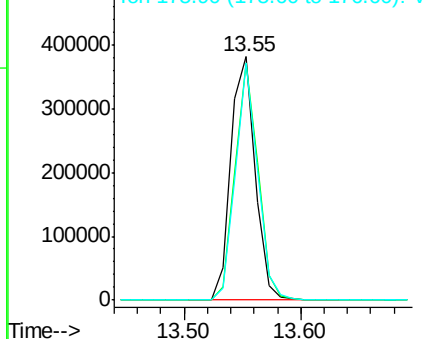


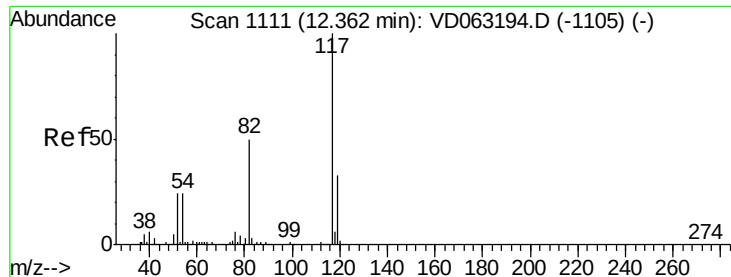
#62
4-Bromofluorobenzene
Concen: 38.013 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063336.D
Acq: 3 Aug 2019 1:55

Tgt Ion: 95 Resp: 552061
Ion Ratio Lower Upper
95 100
174 97.3 0.0 205.4
176 97.6 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VD063336.D (-1212) (-)
Ion 173.90 (173.60 to 174.60): VD063336.D (-1212) (-)
Ion 175.90 (175.60 to 176.60): VD063336.D (-1212) (-)

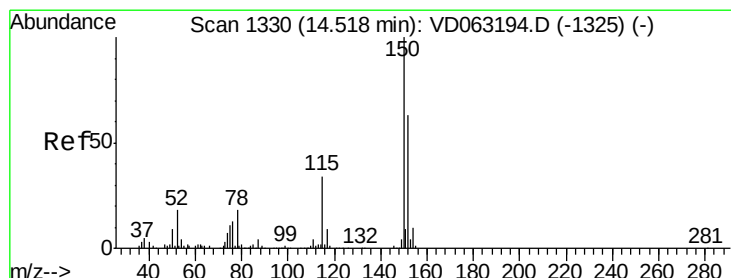
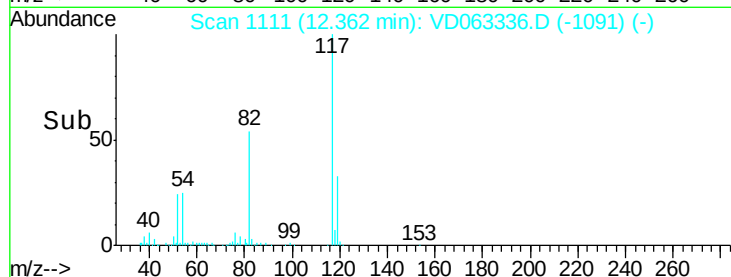
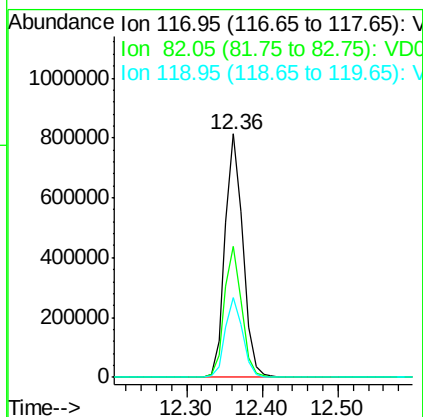
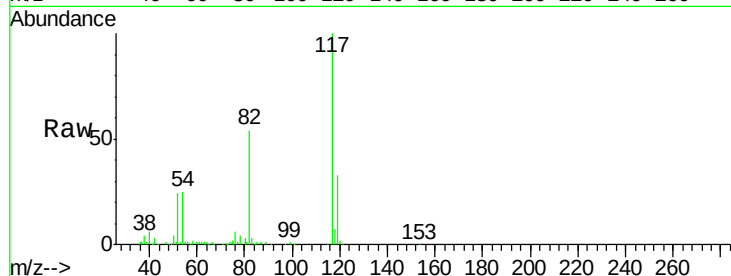




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063336.D
Acq: 3 Aug 2019 1:55

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

Tot Ion:117 Resp: 1329061
Ion Ratio Lower Upper
117 100
82 53.8 40.1 60.1
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063336.D
Acq: 3 Aug 2019 1:55

Tgt Ion:152 Resp: 638541
Ion Ratio Lower Upper
152 100
115 51.2 27.5 82.4
150 153.3 0.0 320.6

