

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062357.D
 Acq On : 14 May 2019 20:10
 Operator : FY/SY
 Sample : K2735-09
 Misc : 6.50g/5mL/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0206-01

Quant Time: May 15 03:21:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	587339	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	752757	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	517646	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	228512	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	290673	53.25	ug/l	0.04
Spiked Amount	50.000		Recovery	=	106.50%	
35) Dibromofluoromethane	6.93	113	313722	50.23	ug/l	0.04
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.42	98	503716	33.45	ug/l	0.02
Spiked Amount	50.000		Recovery	=	66.90%	
62) 4-Bromofluorobenzene	13.57	95	185913	30.74	ug/l	0.02
Spiked Amount	50.000		Recovery	=	61.48%	

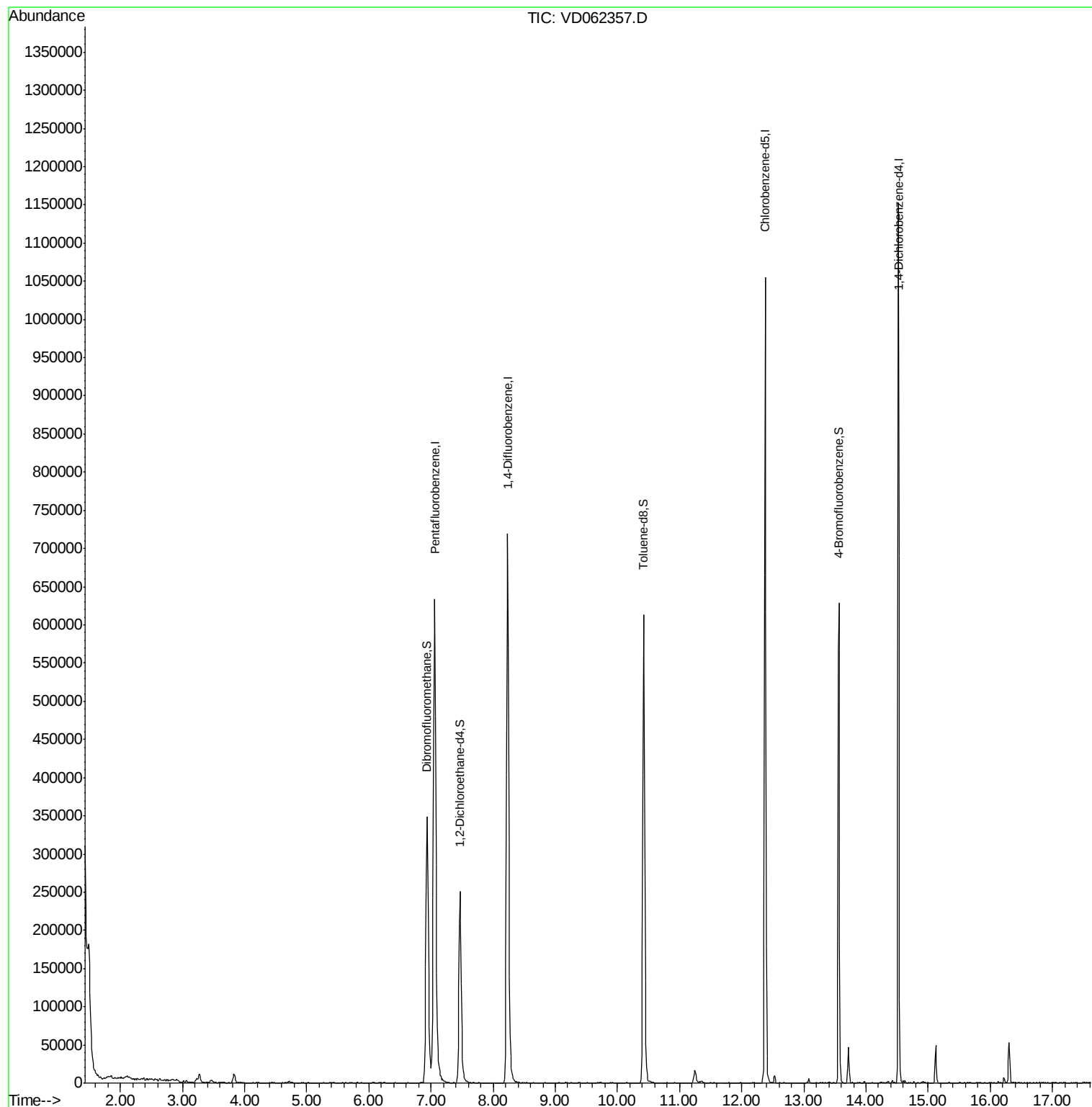
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062357.D

Acq: 14 May 2019 20:10

Instrument :

MSVOA_D

ClientSampleId :

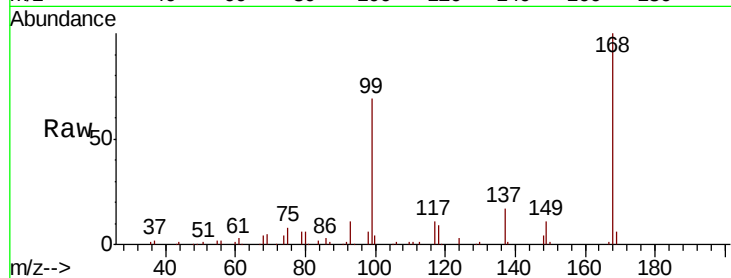
P026-SS016-0206-01

Tgt Ion:168 Resp: 587339

Ion Ratio Lower Upper

168 100

99 68.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

200000

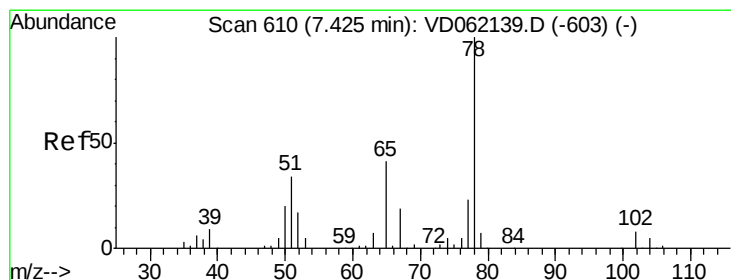
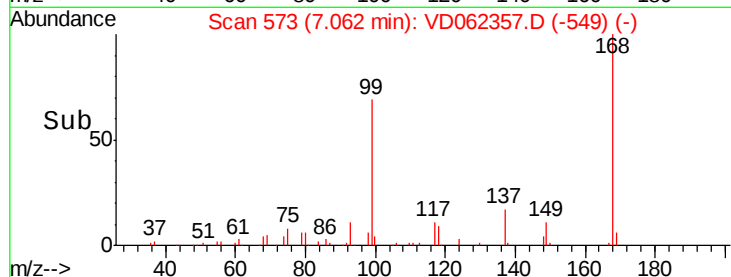
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 53.254 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062357.D

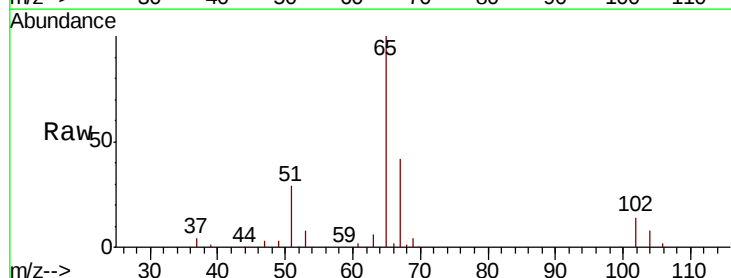
Acq: 14 May 2019 20:10

Tgt Ion: 65 Resp: 290673

Ion Ratio Lower Upper

65 100

67 42.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): V

Ion 66.90 (66.60 to 67.60): V

7.47

120000

100000

80000

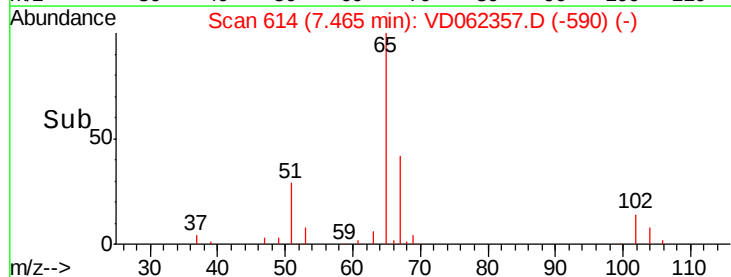
60000

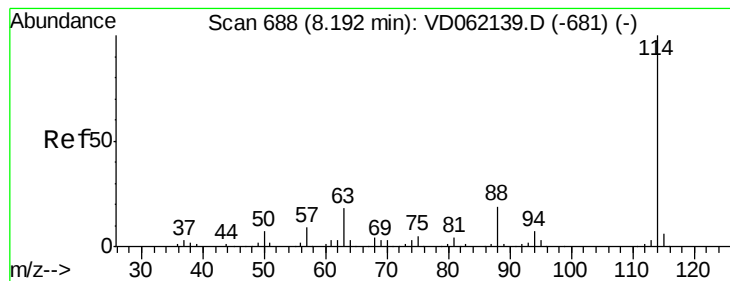
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062357.D

Acq: 14 May 2019 20:10

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0206-01

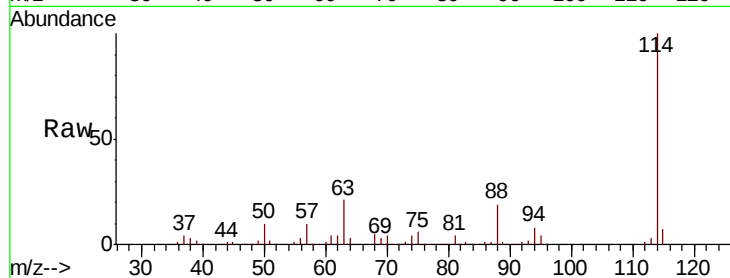
Tgt Ion:114 Resp: 752757

Ion Ratio Lower Upper

114 100

63 20.6 0.0 32.4

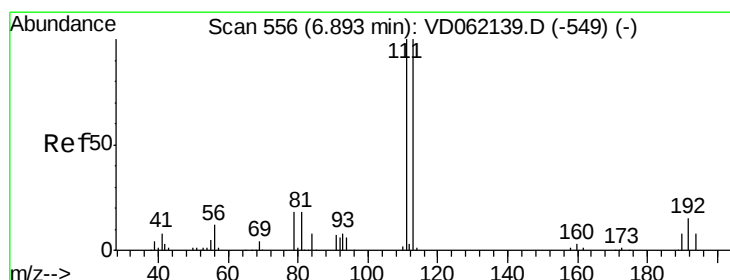
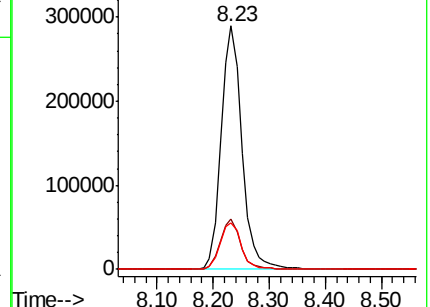
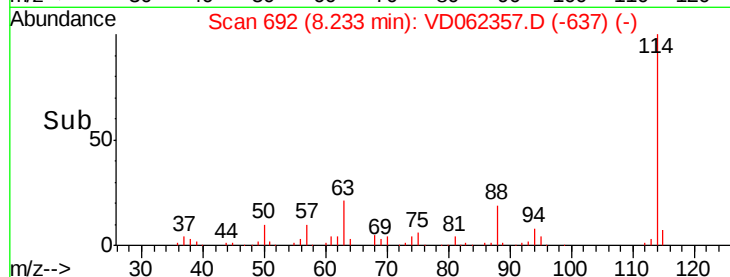
88 19.1 0.0 33.6



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: 50.230 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062357.D

Acq: 14 May 2019 20:10

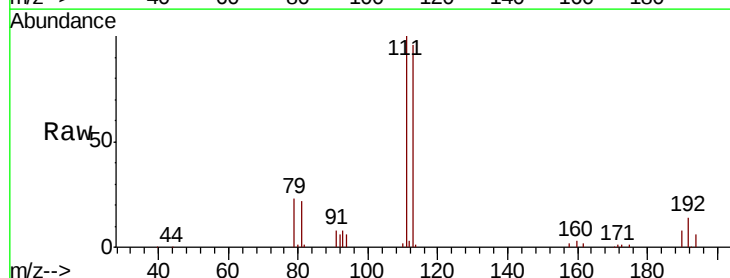
Tgt Ion:113 Resp: 313722

Ion Ratio Lower Upper

113 100

111 104.0 78.5 117.7

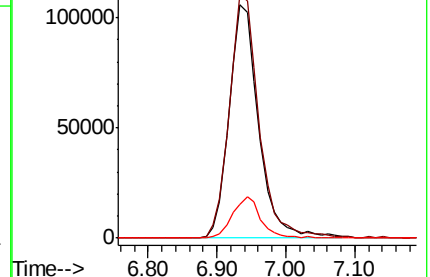
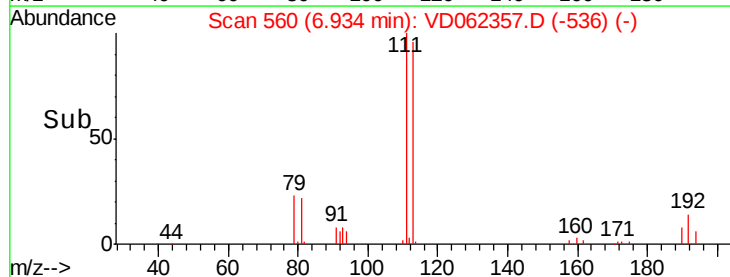
192 14.6 13.0 19.4

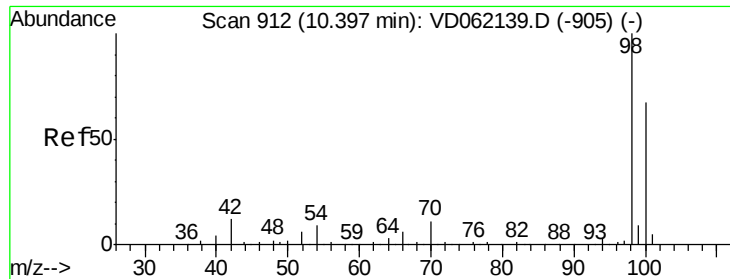


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

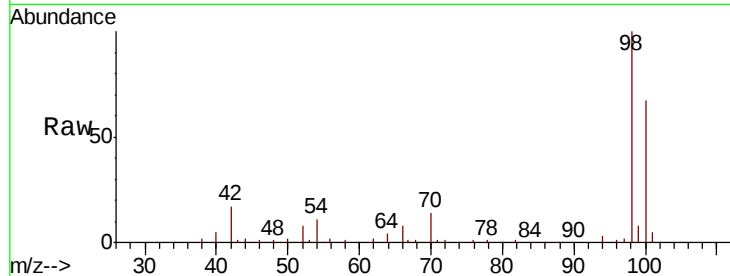




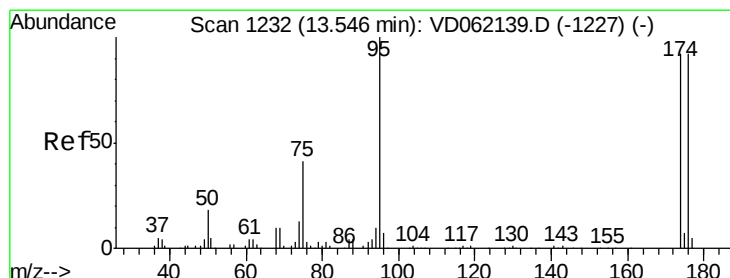
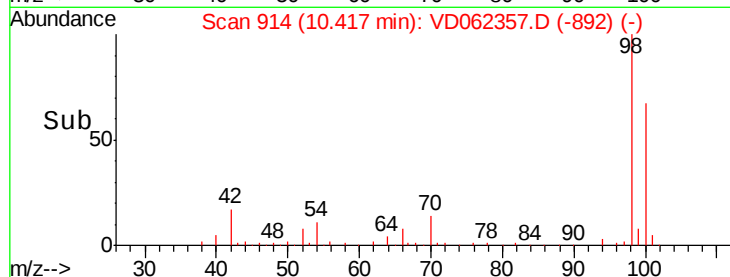
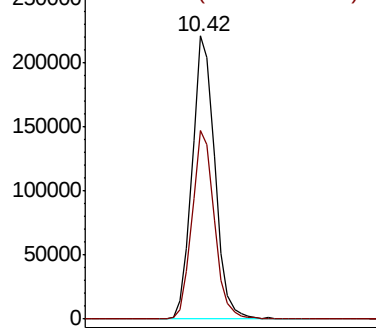
#50
Toluene-d8
Concen: 33.450 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062357.D
Acq: 14 May 2019 20:10

Instrument :
MSVOA_D
ClientSampleId :
P026-SS016-0206-01

Tgt Ion: 98 Resp: 503716
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.8

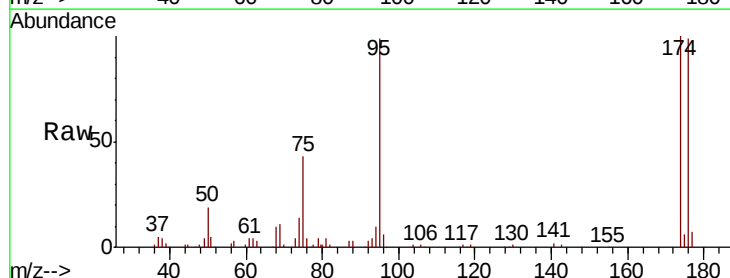


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

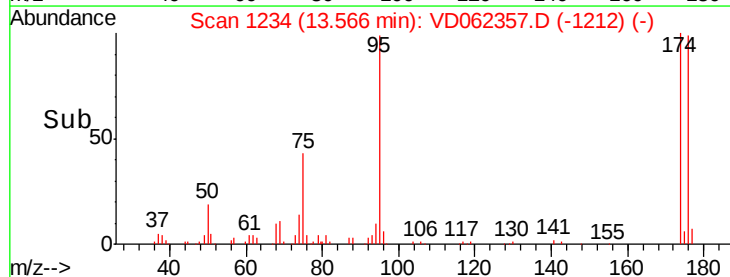
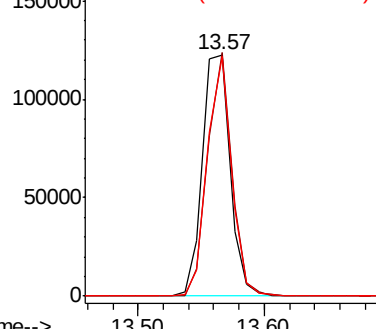


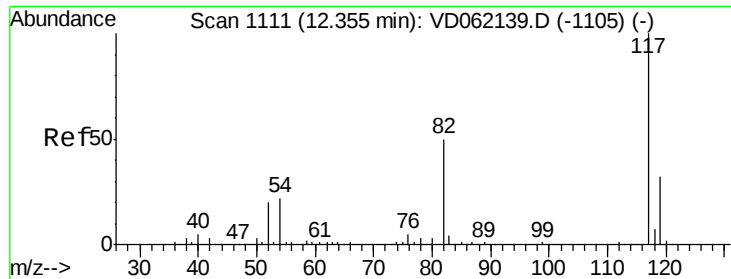
#62
4-Bromofluorobenzene
Concen: 30.744 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062357.D
Acq: 14 May 2019 20:10

Tgt Ion: 95 Resp: 185913
Ion Ratio Lower Upper
95 100
174 100.8 0.0 181.8
176 99.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

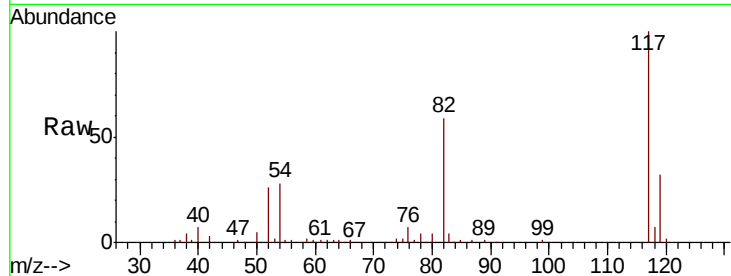




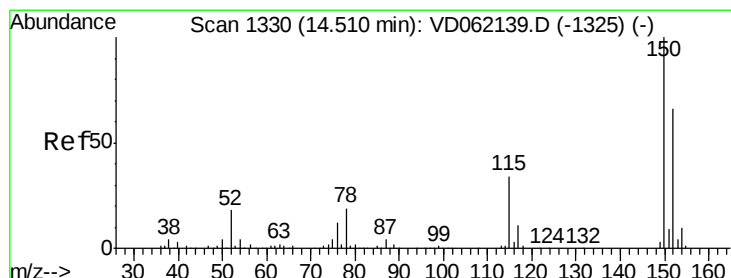
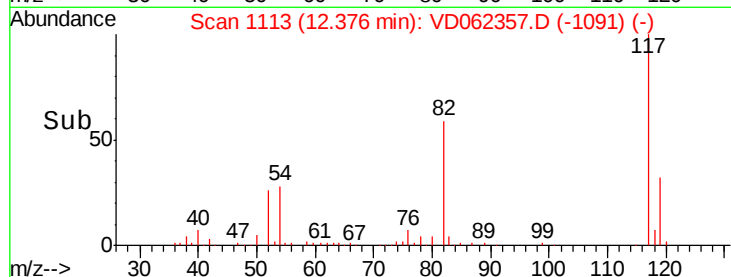
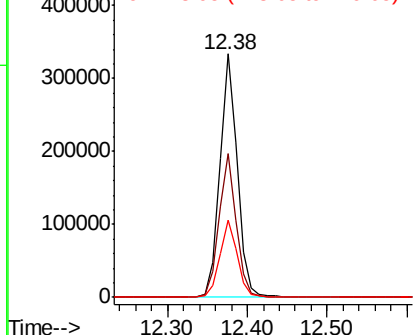
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062357.D
Acq: 14 May 2019 20:10

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Tgt Ion:117 Resp: 517646
Ion Ratio Lower Upper
117 100
82 59.1 36.2 54.2#
119 31.5 26.2 39.4

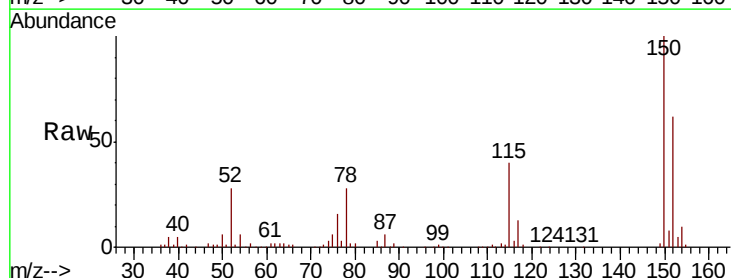


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062357.D
Acq: 14 May 2019 20:10

Tgt Ion:152 Resp: 228512
Ion Ratio Lower Upper
152 100
115 64.0 30.9 92.7
150 160.1 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

