

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062358.D
 Acq On : 14 May 2019 20:38
 Operator : FY/SY
 Sample : K2735-11RE
 Misc : 4.97g/5mL/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-1218-01RE

Quant Time: May 15 03:23:26 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	7.07	168	496621	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	637555	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	554514	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	269938	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	231307	50.12	ug/l	0.04
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	6.95	113	237230	44.85	ug/l	0.05
Spiked Amount 50.000			Recovery	=	89.70%	
50) Toluene-d8	10.42	98	398015	31.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.42%	
62) 4-Bromofluorobenzene	13.56	95	183184	35.77	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.54%	

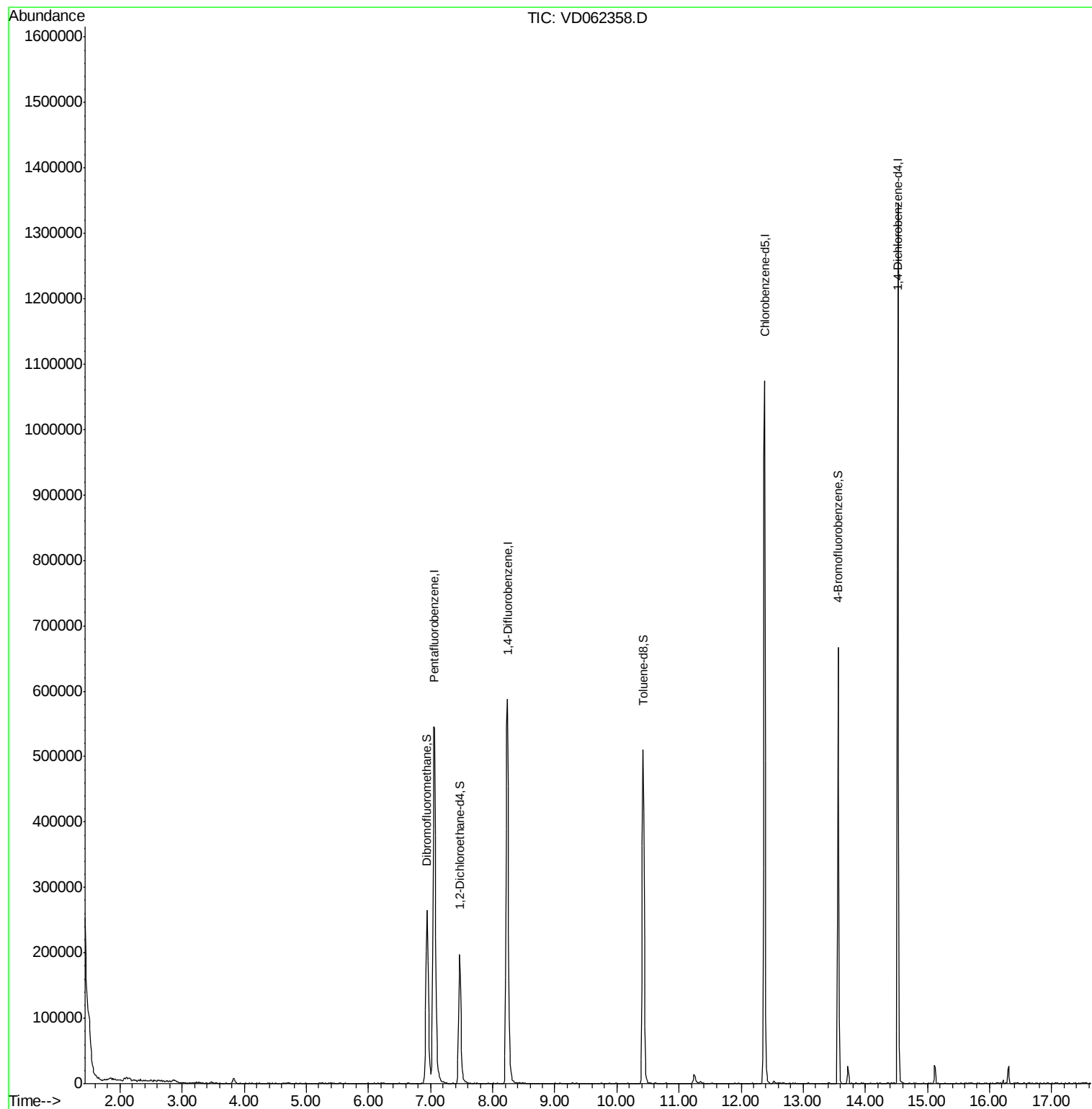
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062358.D

Acq: 14 May 2019 20:38

Instrument :

MSVOA_D

ClientSampleId :

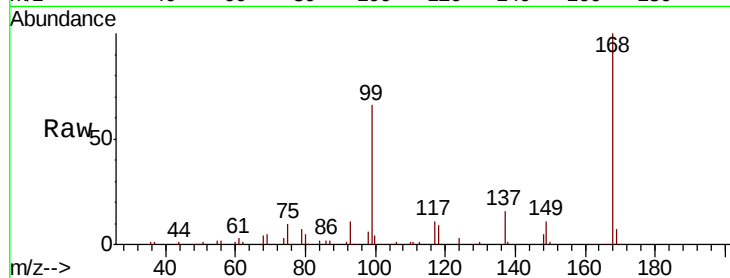
P026-SS016-1218-01RE

Tgt Ion:168 Resp: 496621

Ion Ratio Lower Upper

168 100

99 65.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

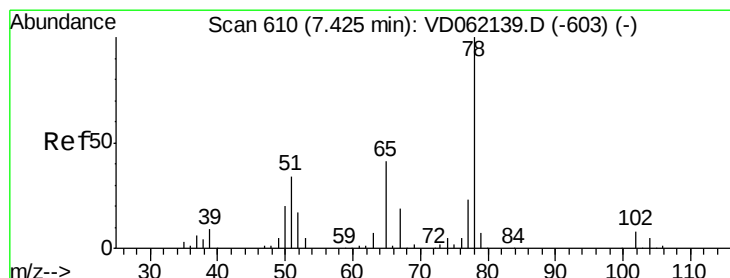
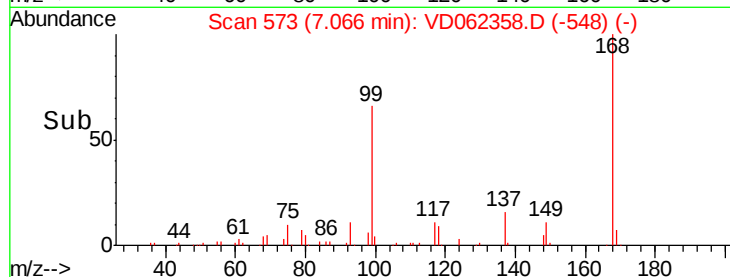
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 50.119 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062358.D

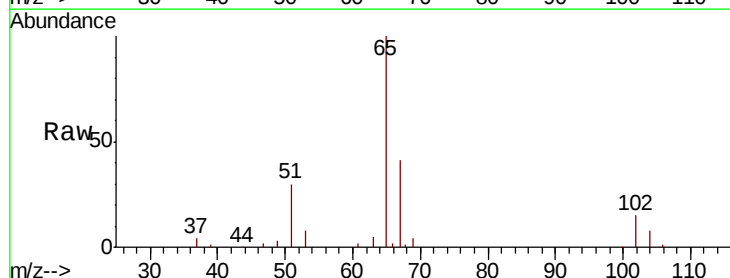
Acq: 14 May 2019 20:38

Tgt Ion: 65 Resp: 231307

Ion Ratio Lower Upper

65 100

67 40.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

100000

80000

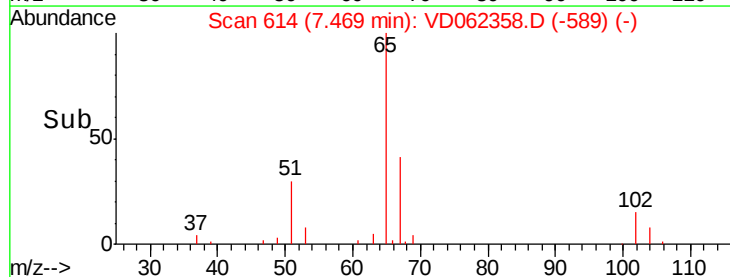
60000

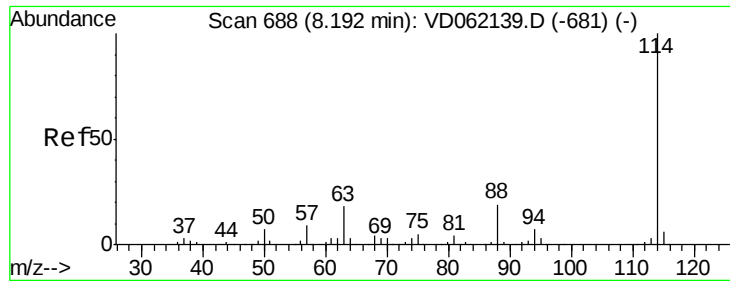
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70

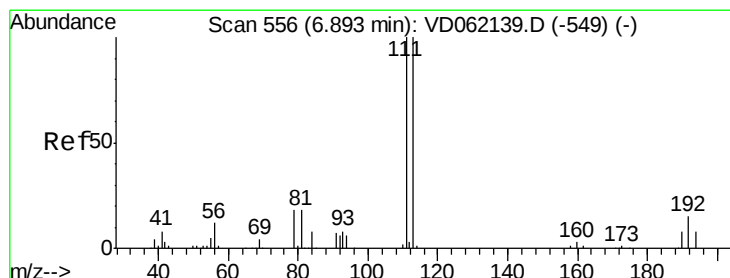
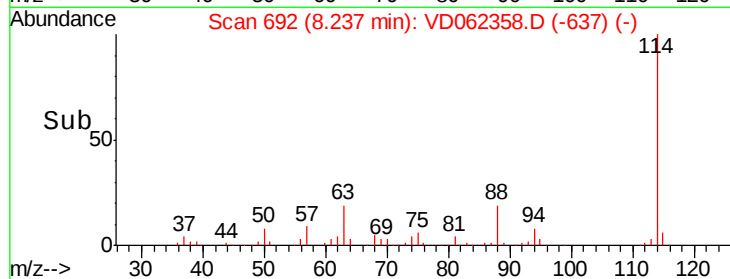
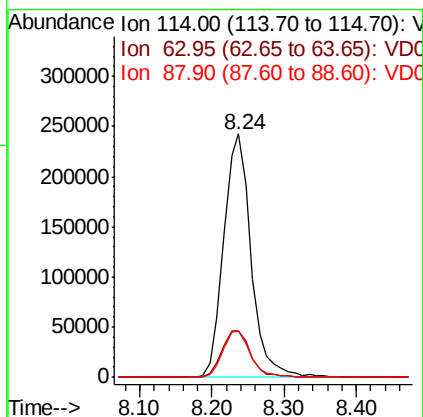
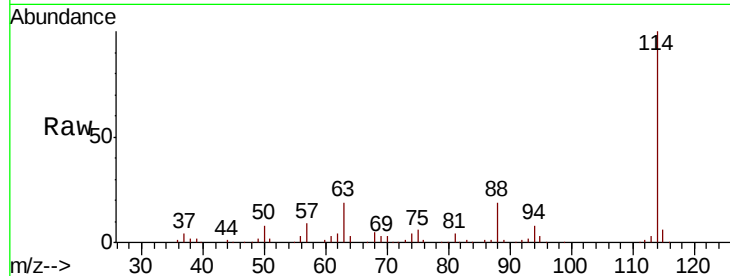




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062358.D
 Acq: 14 May 2019 20:38

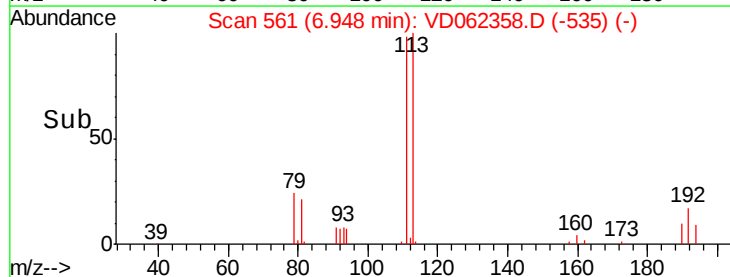
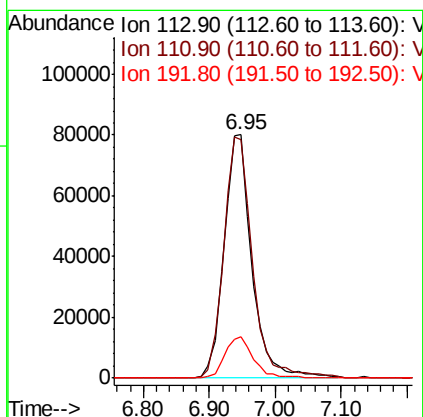
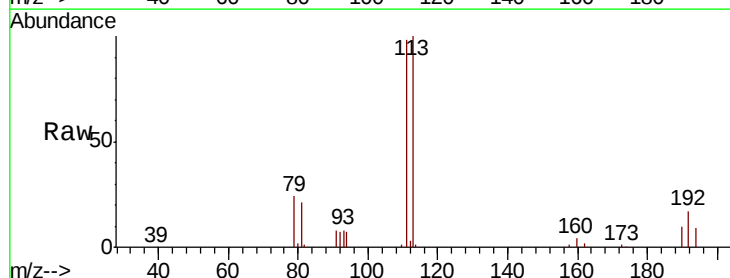
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-1218-01RE

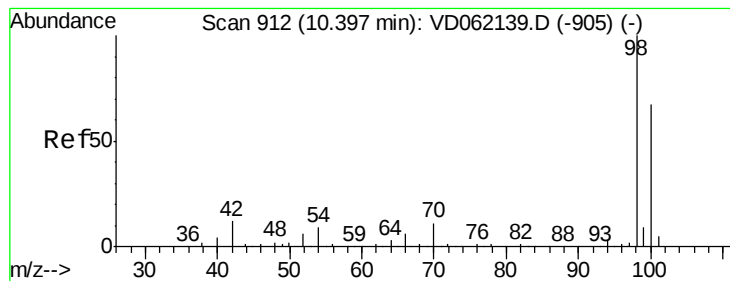
Tgt Ion:114 Resp: 637555
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 32.4
 88 19.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 44.846 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062358.D
 Acq: 14 May 2019 20:38

Tgt Ion:113 Resp: 237230
 Ion Ratio Lower Upper
 113 100
 111 98.2 78.5 117.7
 192 17.2 13.0 19.4





#50

Toluene-d8

Concen: 31.206 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062358.D

Acq: 14 May 2019 20:38

Instrument :

MSVOA_D

ClientSampleId :

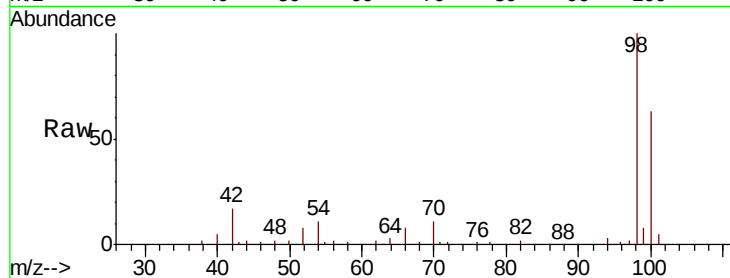
P026-SS016-1218-01RE

Tgt Ion: 98 Resp: 398015

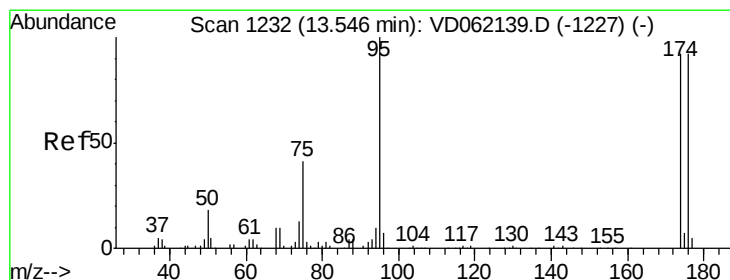
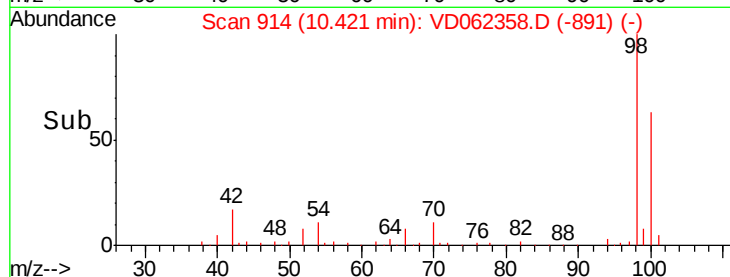
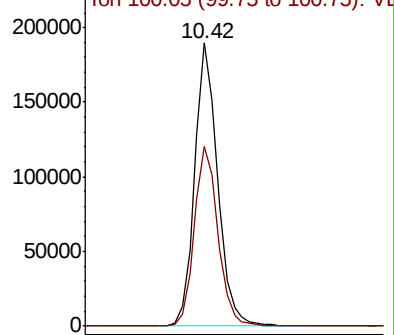
Ion Ratio Lower Upper

98 100

100 63.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: 35.767 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062358.D

Acq: 14 May 2019 20:38

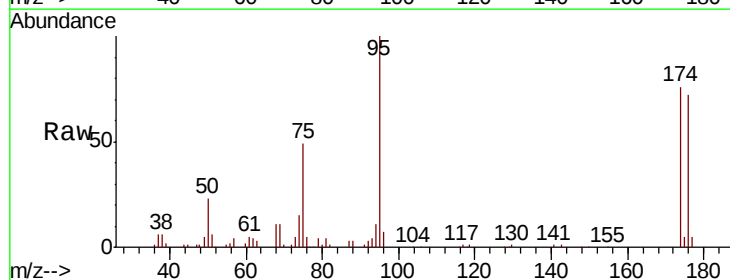
Tgt Ion: 95 Resp: 183184

Ion Ratio Lower Upper

95 100

174 76.1 0.0 181.8

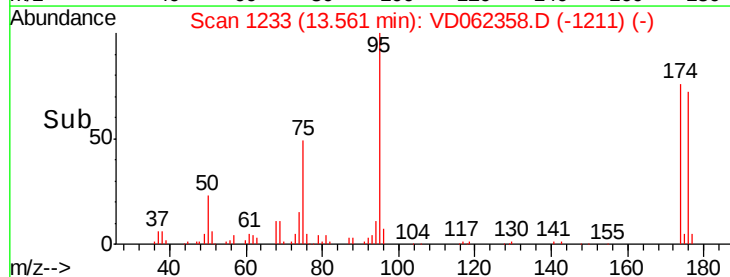
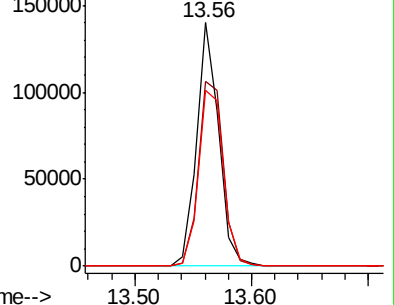
176 72.1 0.0 174.4

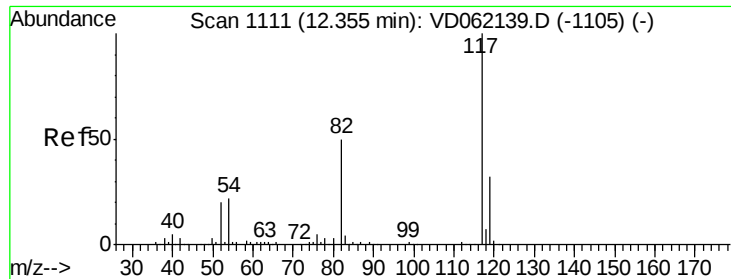


Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

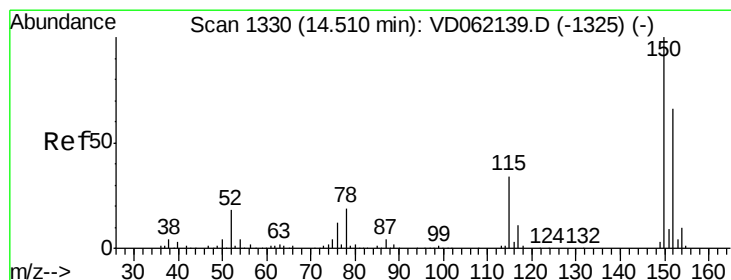
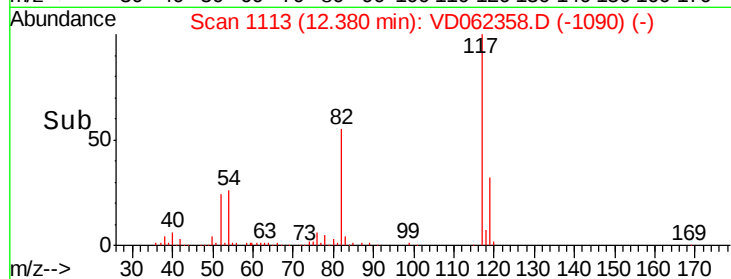
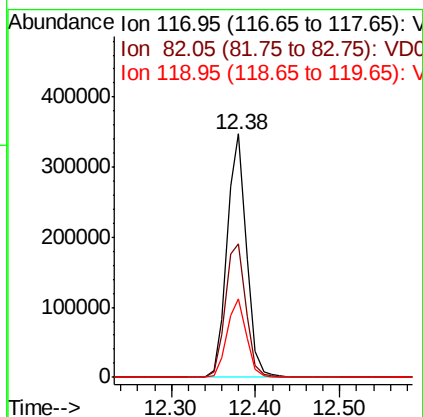
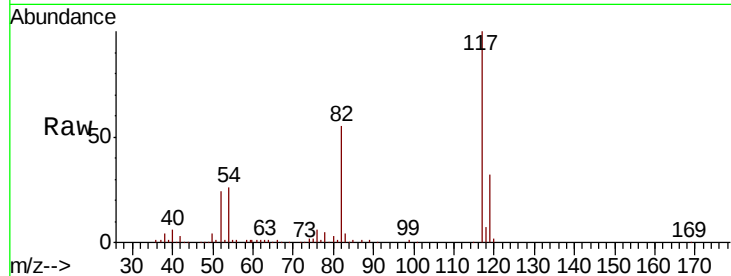




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062358.D
Acq: 14 May 2019 20:38

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Tgt Ion:117 Resp: 554514
Ion Ratio Lower Upper
117 100
82 54.6 36.2 54.2#
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062358.D
Acq: 14 May 2019 20:38

Tgt Ion:152 Resp: 269938
Ion Ratio Lower Upper
152 100
115 56.4 30.9 92.7
150 149.5 0.0 314.8

