

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051219\
 Data File : VD062277.D
 Acq On : 13 May 2019 00:59
 Operator : FY/SY
 Sample : K2718-07
 Misc : 6.11g/5mL/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-1824-01

Quant Time: May 13 03:41:23 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	441560	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	640500	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	372547	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	104394	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	243771	59.41	ug/l	0.04
Spiked Amount	50.000		Recovery	=	118.82%	
35) Dibromofluoromethane	6.94	113	282176	53.10	ug/l	0.04
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.42	98	455432	35.54	ug/l	0.03
Spiked Amount	50.000		Recovery	=	71.08%	
62) 4-Bromofluorobenzene	13.56	95	115164	22.38	ug/l	0.02
Spiked Amount	50.000		Recovery	=	44.76%	

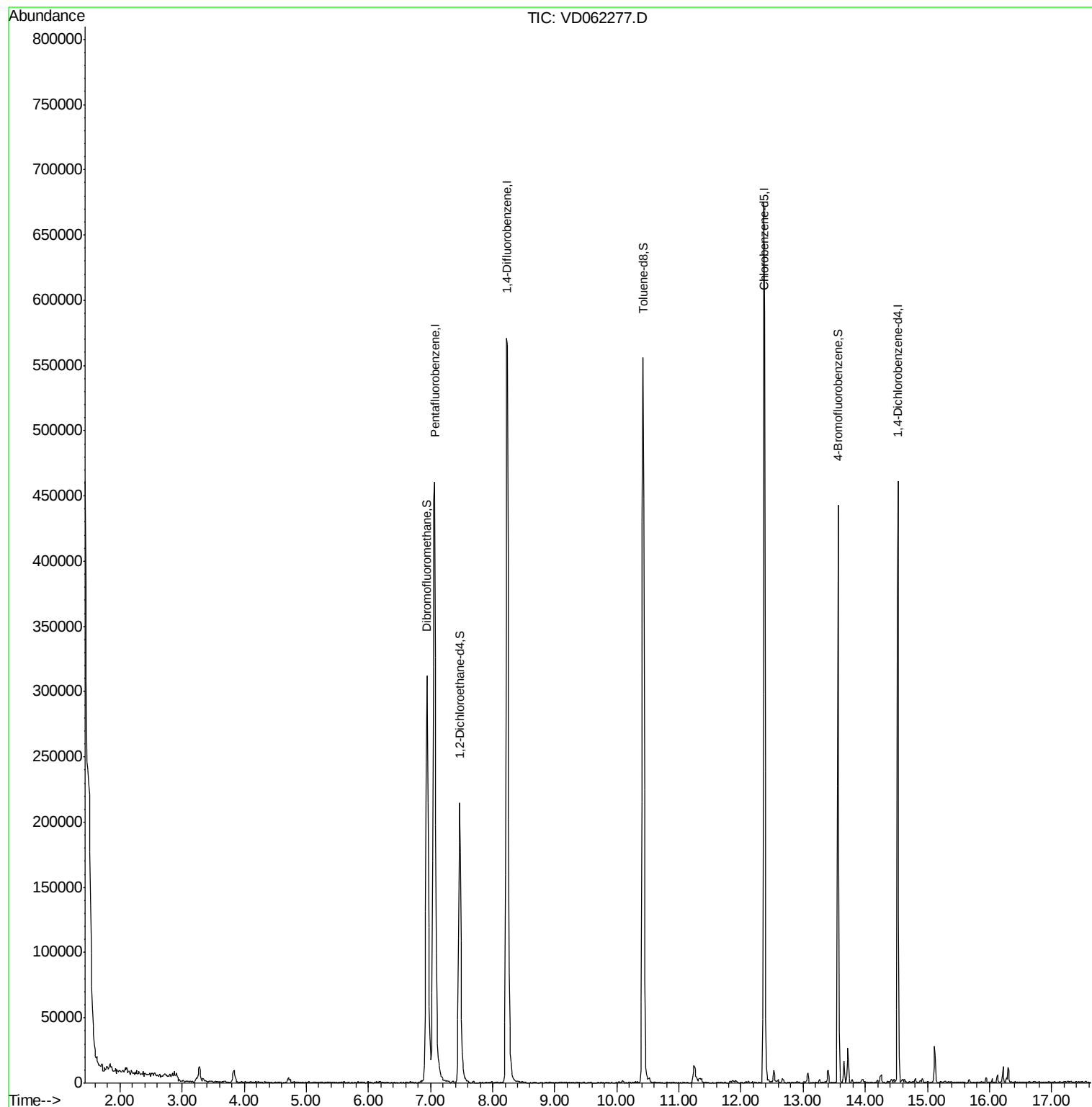
Target Compounds	Qvalue

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

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QLast Update : Tue May 07 14:26:29 2019
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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: VD062277.D

Acq: 13 May 2019 00:59

Instrument :

MSVOA_D

ClientSampleId :

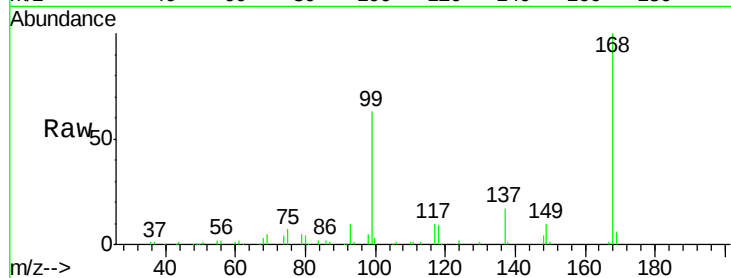
P026-SS005-1824-01

Tgt Ion: 168 Resp: 441560

Ion Ratio Lower Upper

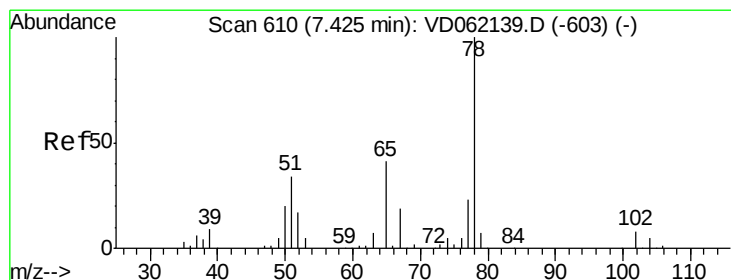
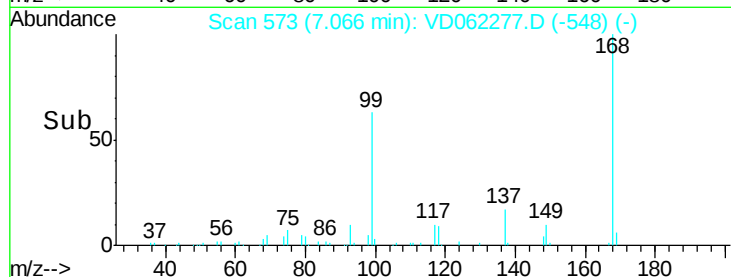
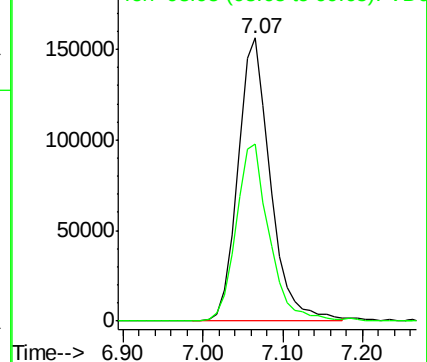
168 100

99 62.6 46.5 69.7



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: 59.406 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062277.D

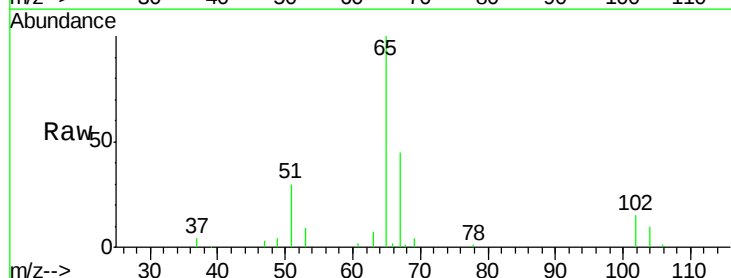
Acq: 13 May 2019 00:59

Tgt Ion: 65 Resp: 243771

Ion Ratio Lower Upper

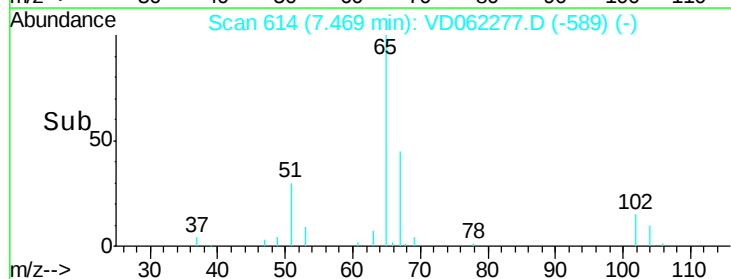
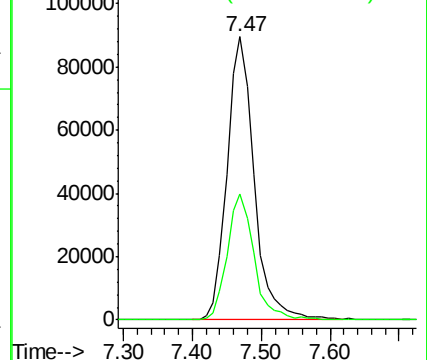
65 100

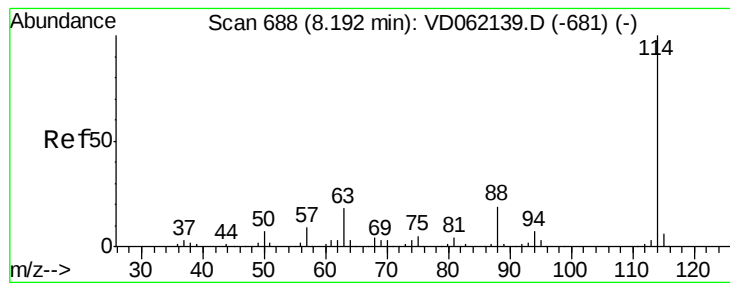
67 44.7 0.0 98.0



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: 8.24 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS005-1824-01

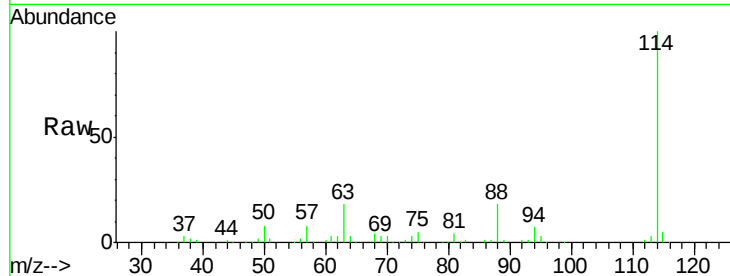
Tgt Ion:114 Resp: 640500

Ion Ratio Lower Upper

114 100

63 18.2 0.0 32.4

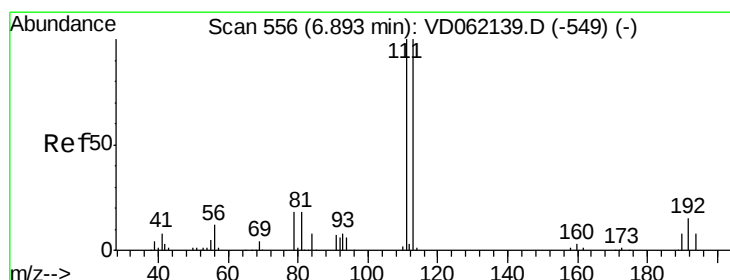
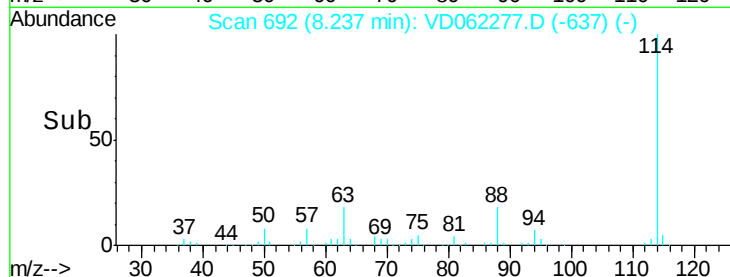
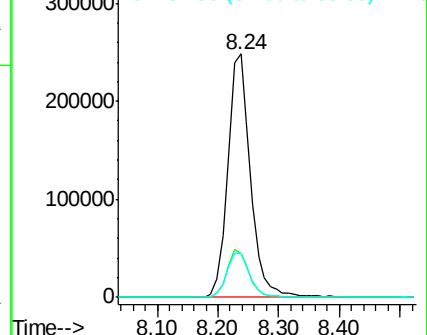
88 17.9 0.0 33.6



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: 53.097 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

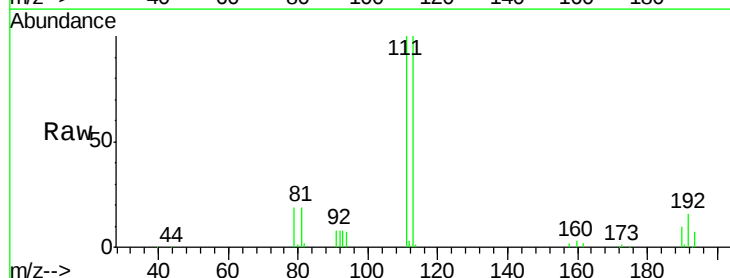
Tgt Ion:113 Resp: 282176

Ion Ratio Lower Upper

113 100

111 100.4 78.5 117.7

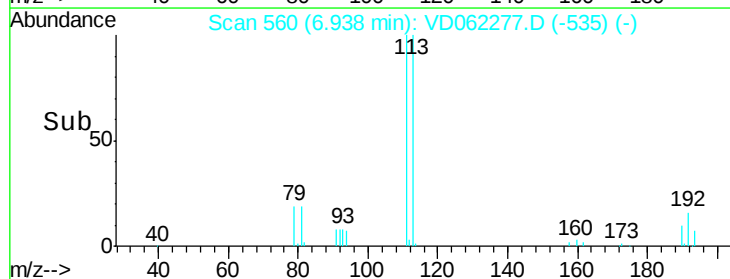
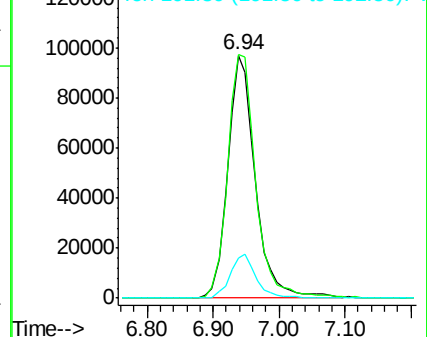
192 16.3 13.0 19.4

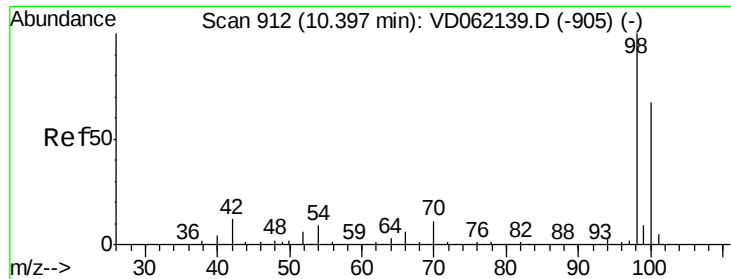


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 35.544 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

Instrument :

MSVOA_D

ClientSampleId :

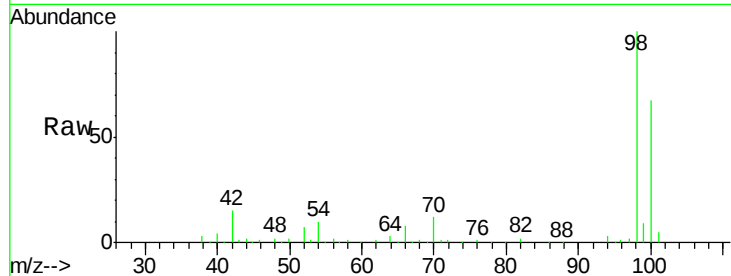
P026-SS005-1824-01

Tgt Ion: 98 Resp: 455432

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062277.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062277.D (-905) (-)

10.42

200000

150000

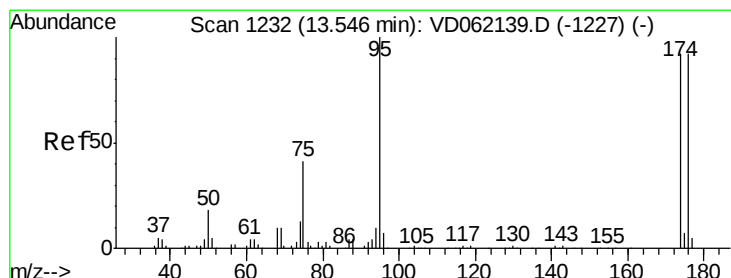
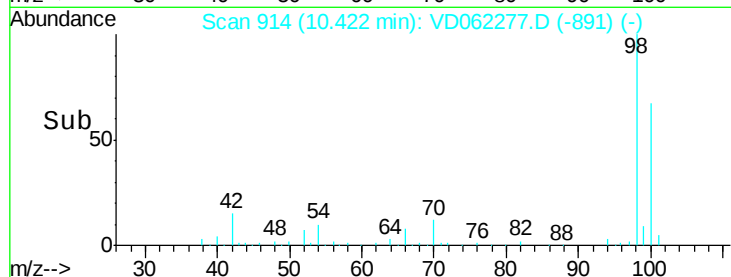
100000

50000

0

10.40 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 22.382 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

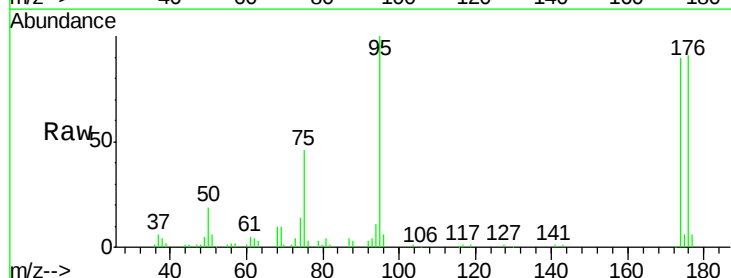
Tgt Ion: 95 Resp: 115164

Ion Ratio Lower Upper

95 100

174 90.0 0.0 181.8

176 90.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062277.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD062277.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD062277.D (-1211) (-)

13.56

120000

100000

80000

60000

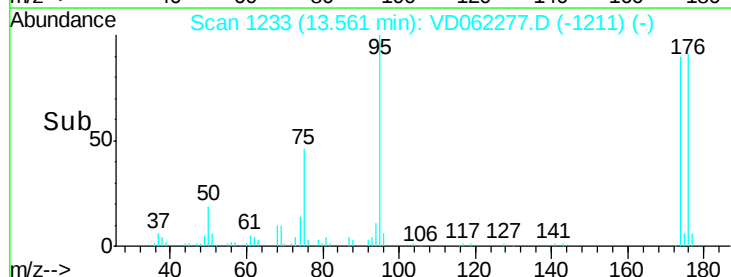
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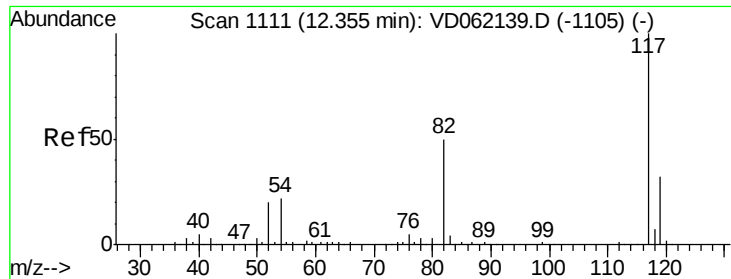
20000

0

13.50 13.55 13.60 13.65

Time-->

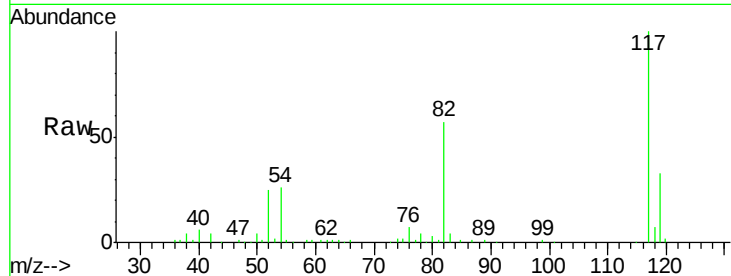




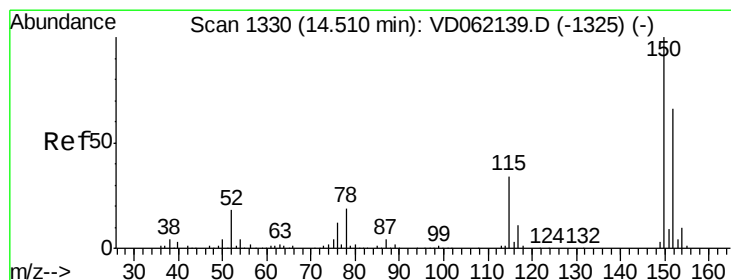
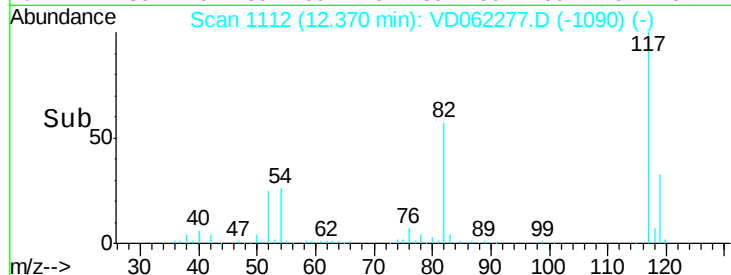
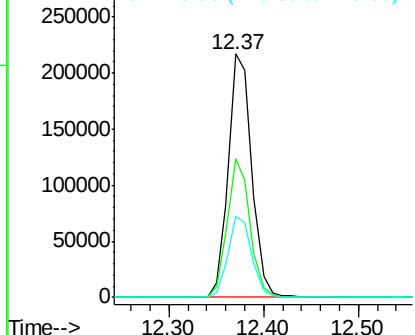
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:117 Resp: 372547
Ion Ratio Lower Upper
117 100
82 56.8 36.2 54.2#
119 33.2 26.2 39.4

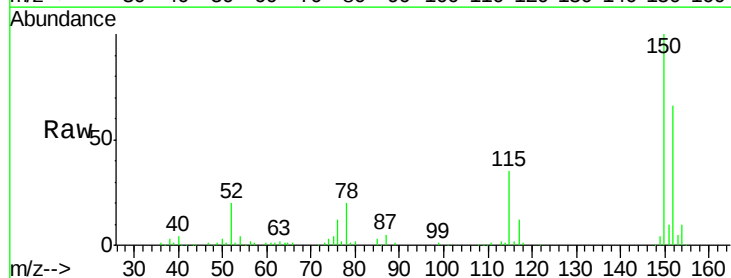


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Tgt Ion:152 Resp: 104394
Ion Ratio Lower Upper
152 100
115 53.0 30.9 92.7
150 150.9 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

