

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062335.D
 Acq On : 14 May 2019 6:40
 Operator : FY/SY
 Sample : K2735-13
 Misc : 3.60µ/5mL/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0002-01

Quant Time: May 14 08:27:37 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	431227	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	538537	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.39	117	240559	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	68611	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	193579	48.30	ug/l	0.05
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	6.94	113	212762	47.62	ug/l	0.05
Spiked Amount			Recovery	=	95.24%	
50) Toluene-d8	10.43	98	188573	17.50	ug/l	0.03
Spiked Amount			Recovery	=	35.00%	
62) 4-Bromofluorobenzene	13.57	95	93874	21.70	ug/l	0.02
Spiked Amount			Recovery	=	43.40%	

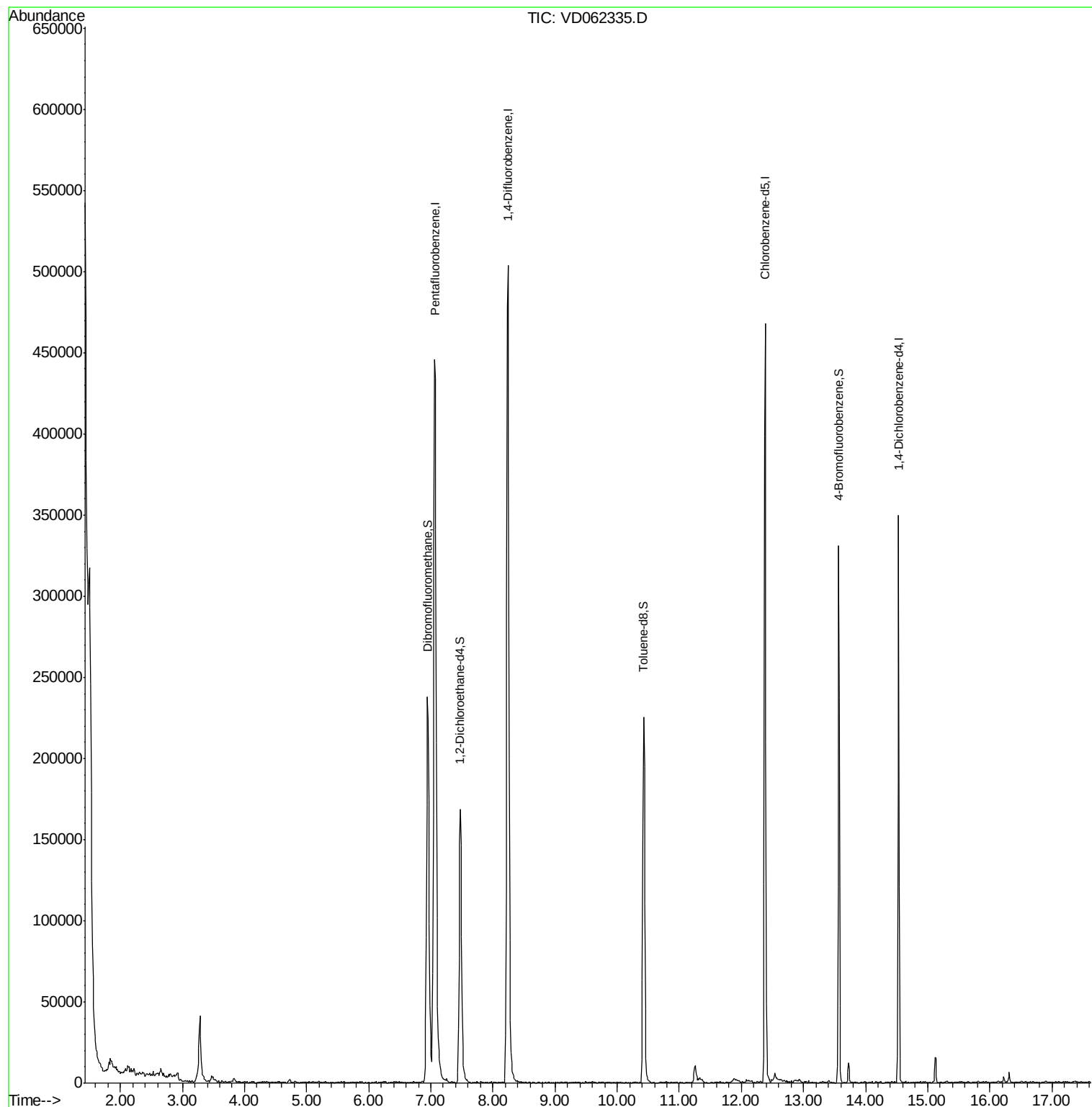
Target Compounds	Qvalue
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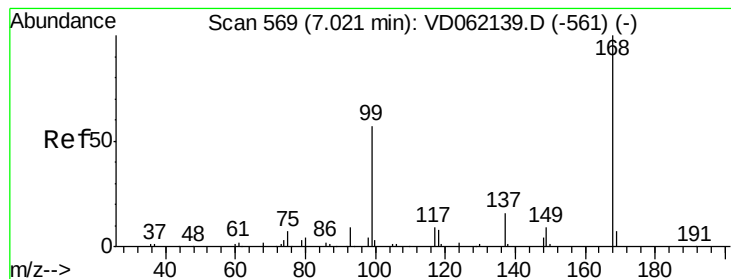
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062335.D

Acq: 14 May 2019 6:40

Instrument :

MSVOA_D

ClientSampleId :

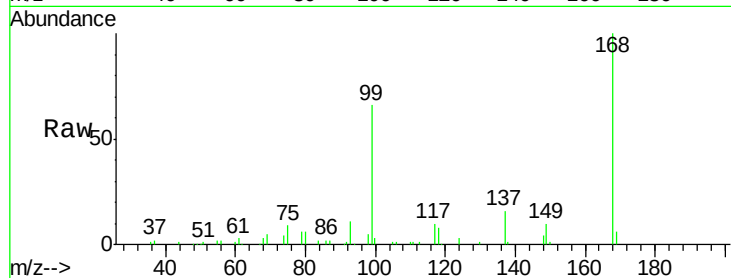
P026-SS017-0002-01

Tot Ion:168 Resp: 431227

Ion Ratio Lower Upper

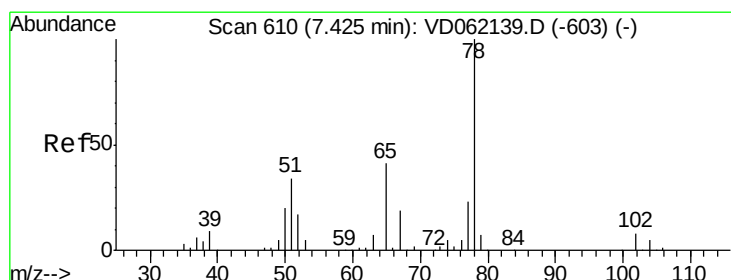
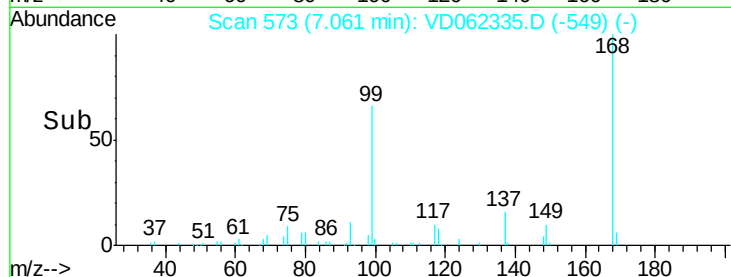
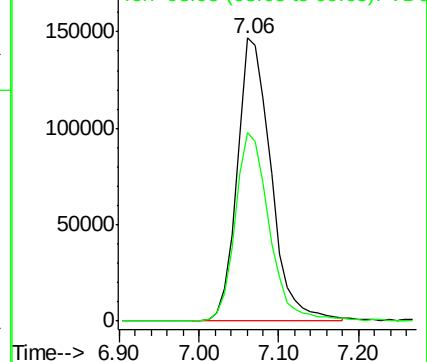
168 100

99 66.4 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: 48.305 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062335.D

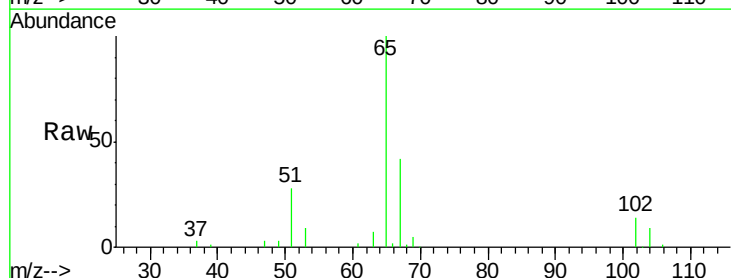
Acq: 14 May 2019 6:40

Tgt Ion: 65 Resp: 193579

Ion Ratio Lower Upper

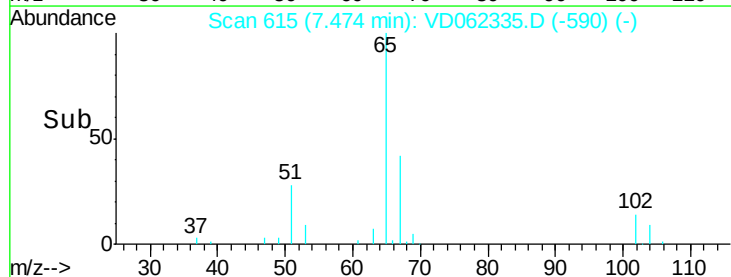
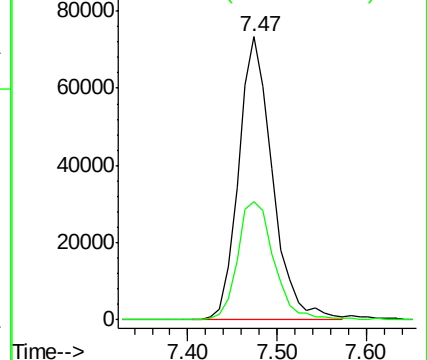
65 100

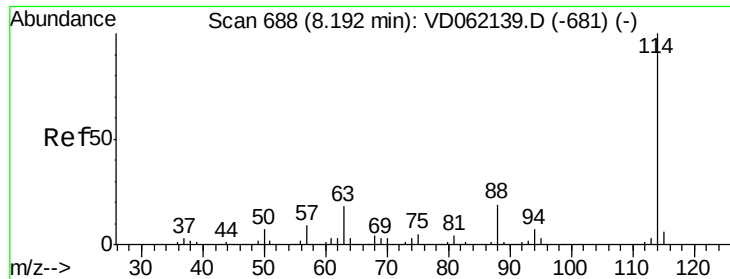
67 41.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

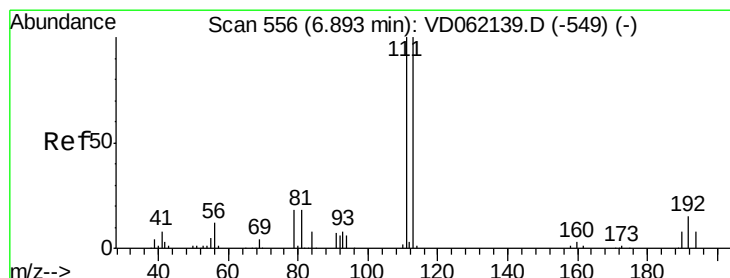
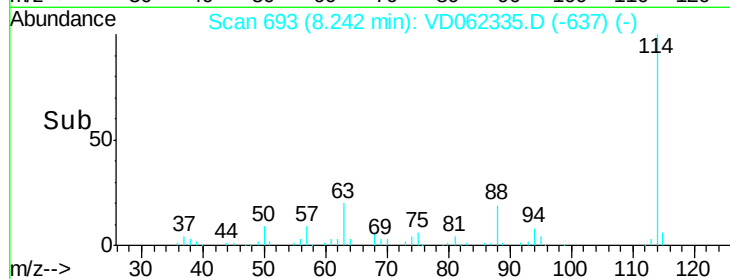
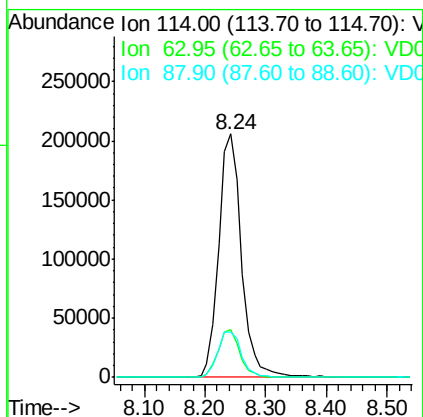
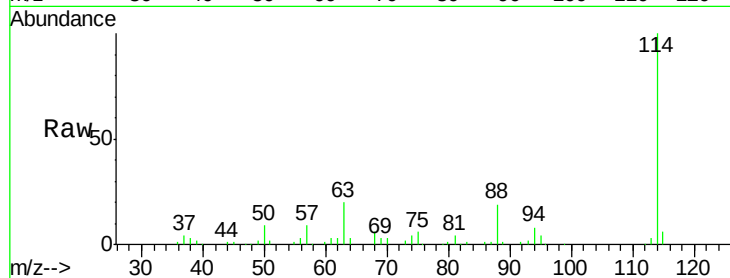




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062335.D
 Acq: 14 May 2019 6:40

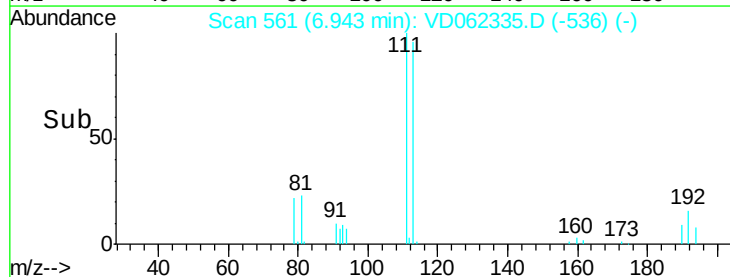
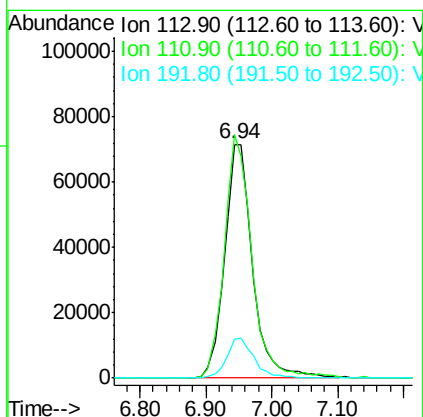
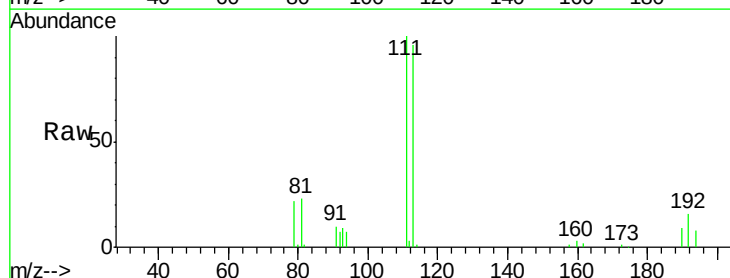
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0002-01

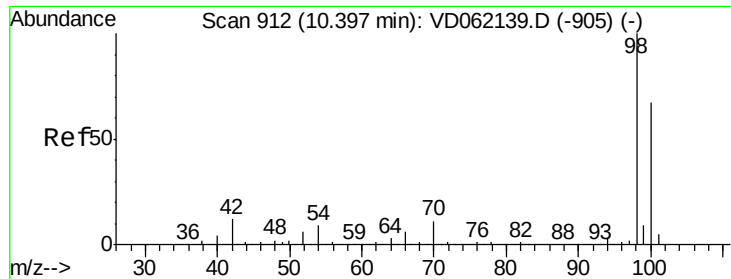
Tot Ion:114 Resp: 538537
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 32.4
 88 18.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 47.616 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062335.D
 Acq: 14 May 2019 6:40

Tgt Ion:113 Resp: 212762
 Ion Ratio Lower Upper
 113 100
 111 104.1 78.5 117.7
 192 16.8 13.0 19.4





#50

Toluene-d8

Concen: 17.504 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062335.D

Acq: 14 May 2019 6:40

Instrument :

MSVOA_D

ClientSampleId :

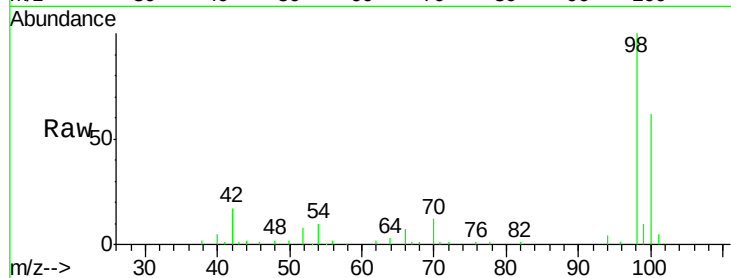
P026-SS017-0002-01

Tot Ion: 98 Resp: 188573

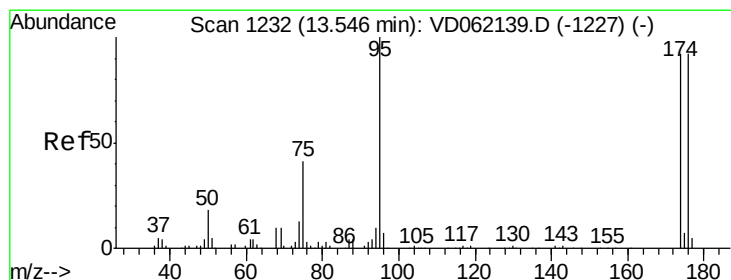
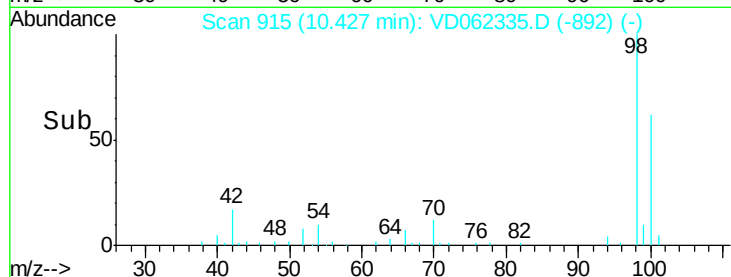
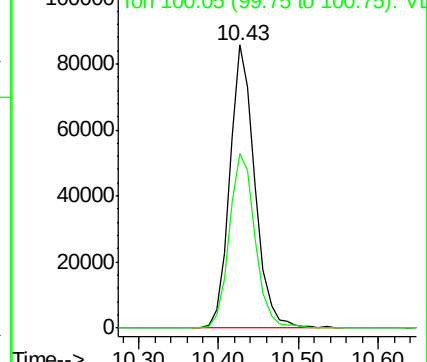
Ion Ratio Lower Upper

98 100

100 61.5 53.8 80.8



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



#62

4-Bromofluorobenzene

Concen: 21.699 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062335.D

Acq: 14 May 2019 6:40

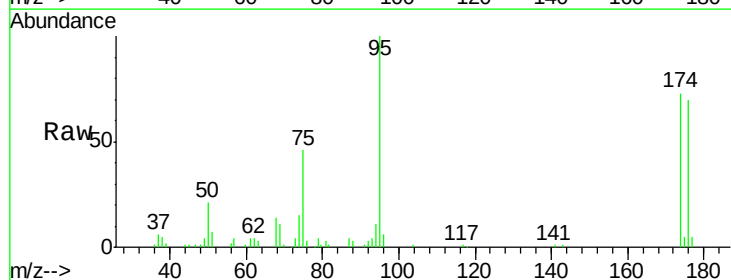
Tgt Ion: 95 Resp: 93874

Ion Ratio Lower Upper

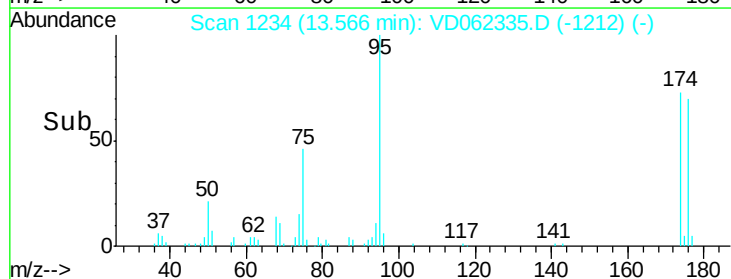
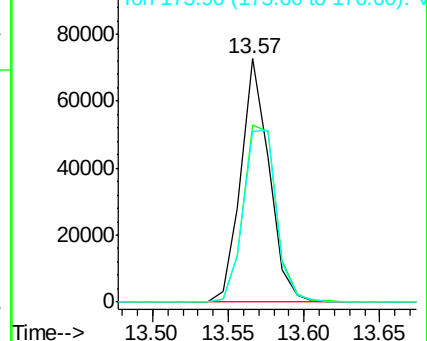
95 100

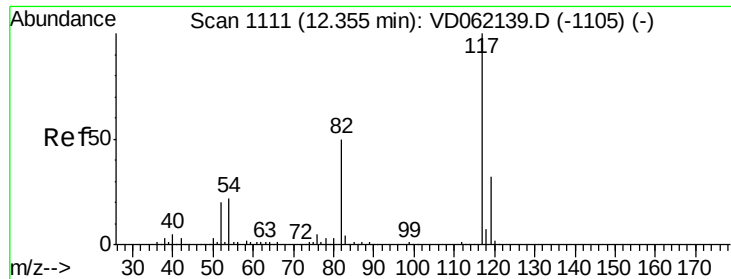
174 72.8 0.0 181.8

176 70.2 0.0 174.4



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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.39 min Scan# 1114

Delta R.T. 0.03 min

Lab File: VD062335.D

Acq: 14 May 2019 6:40

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0002-01

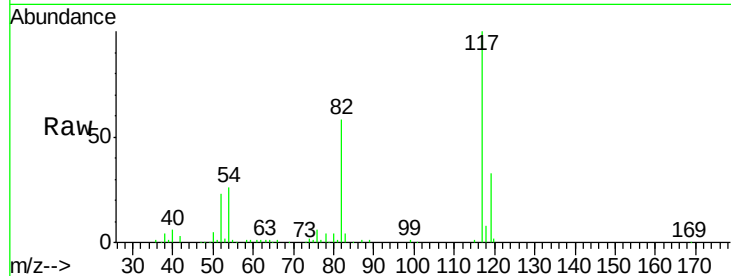
Tot Ion:117 Resp: 240559

Ion Ratio Lower Upper

117 100

82 58.0 36.2 54.2#

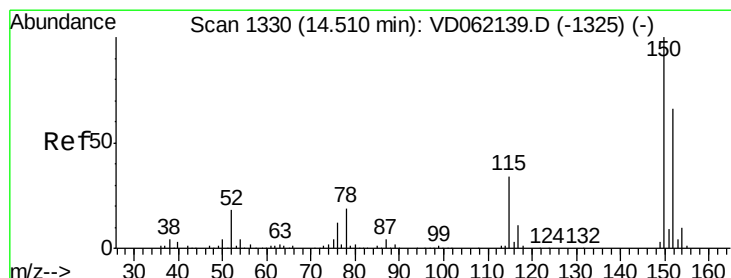
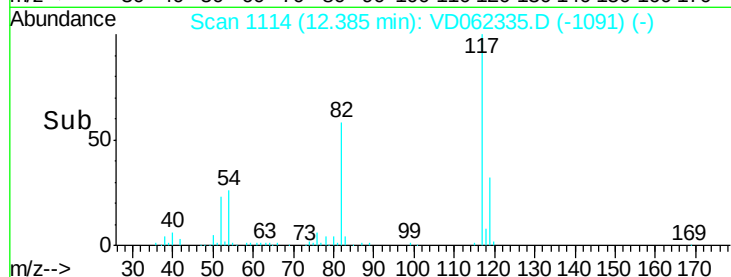
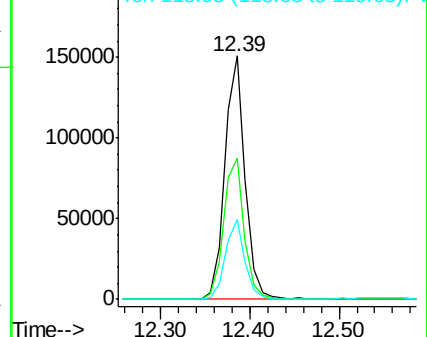
119 32.7 26.2 39.4



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# 1332

Delta R.T. 0.02 min

Lab File: VD062335.D

Acq: 14 May 2019 6:40

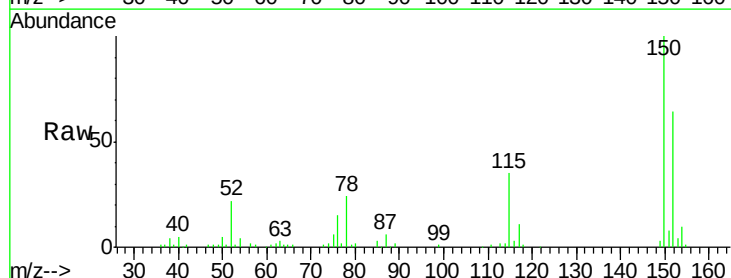
Tgt Ion:152 Resp: 68611

Ion Ratio Lower Upper

152 100

115 54.8 30.9 92.7

150 156.3 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

