

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062334.D
 Acq On : 14 May 2019 6:12
 Operator : FY/SY
 Sample : K2735-12
 Misc : 6.30g/5mL/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-1824-01

Quant Time: May 14 08:26:20 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	527580	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	759143	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	531516	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	228802	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	205441	41.90	ug/l	0.04
Spiked Amount			Recovery	=	83.80%	
35) Dibromofluoromethane	6.95	113	229638	36.46	ug/l	0.05
Spiked Amount			Recovery	=	72.92%	
50) Toluene-d8	10.43	98	372154	24.51	ug/l	0.04
Spiked Amount			Recovery	=	49.02%	
62) 4-Bromofluorobenzene	13.56	95	154201	25.29	ug/l	0.02
Spiked Amount			Recovery	=	50.58%	

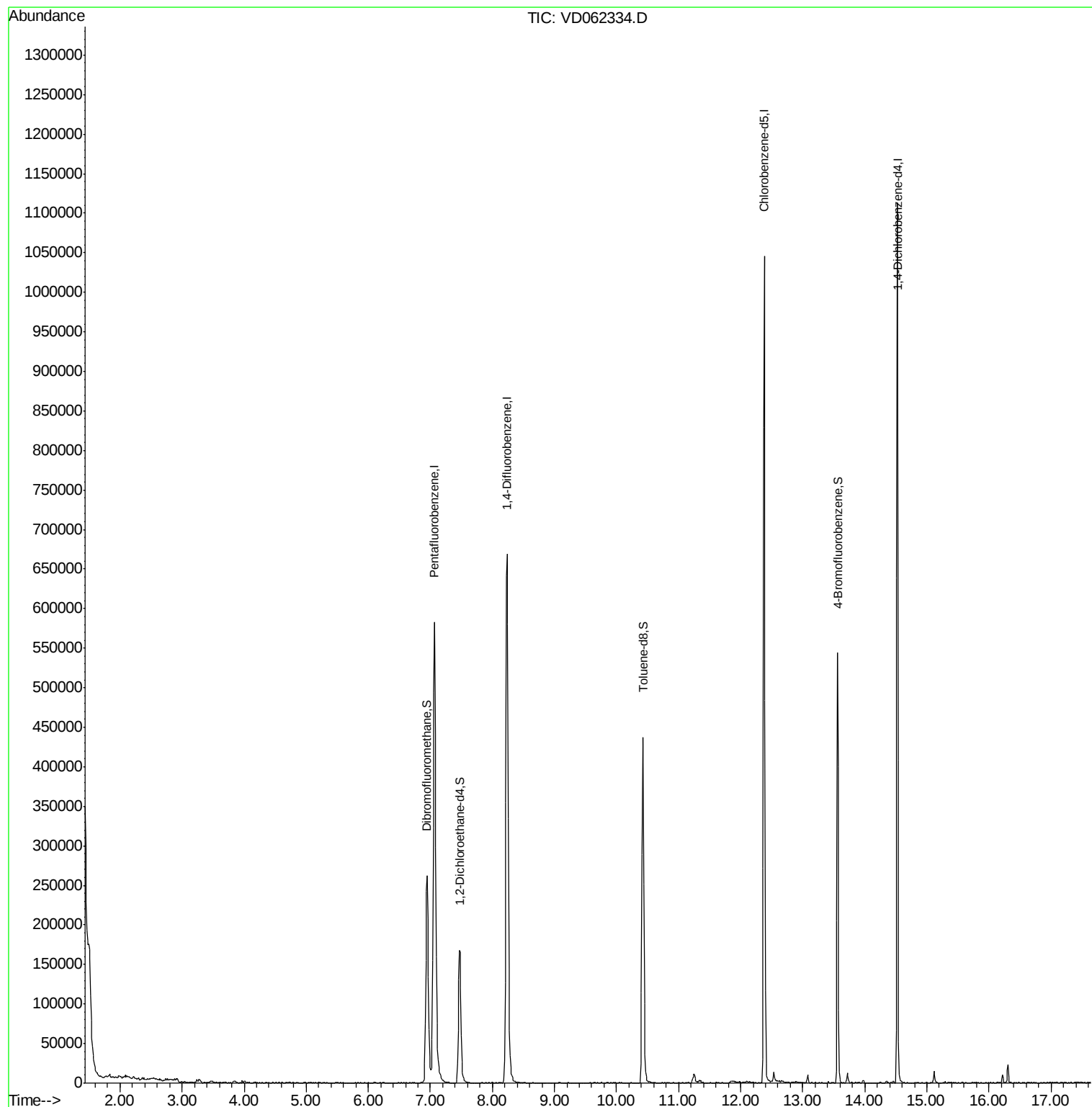
Target Compounds	Qvalue
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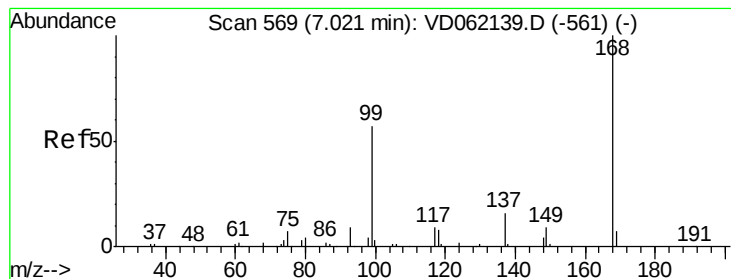
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062334.D

Acq: 14 May 2019 6:12

Instrument :

MSVOA_D

ClientSampleId :

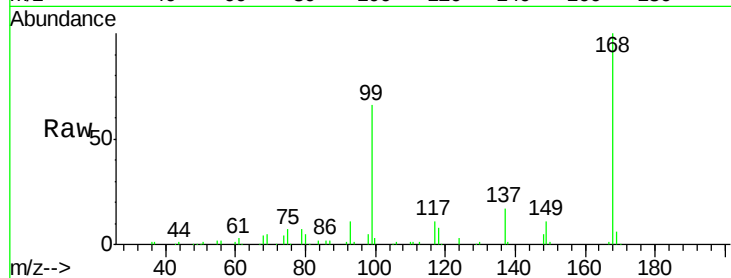
P026-SS016-1824-01

Tot Ion:168 Resp: 527580

Ion Ratio Lower Upper

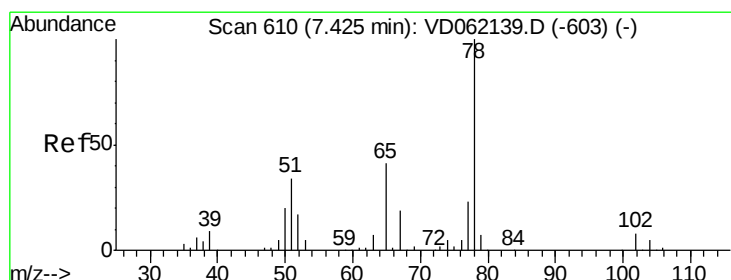
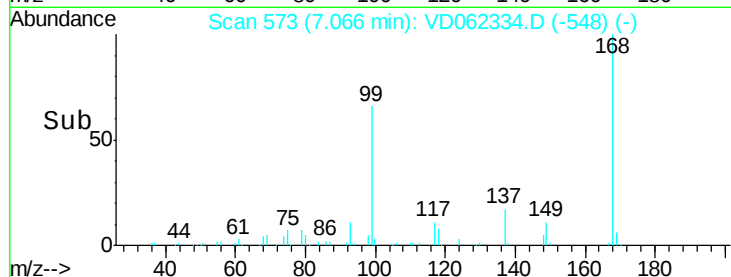
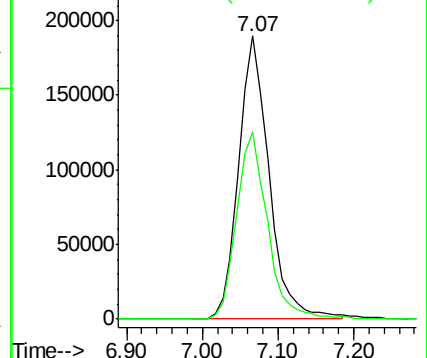
168 100

99 66.2 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: 41.902 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062334.D

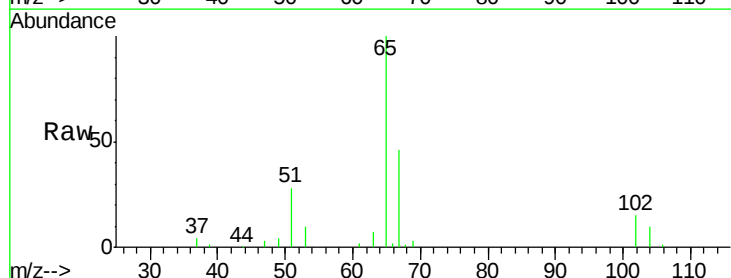
Acq: 14 May 2019 6:12

Tgt Ion: 65 Resp: 205441

Ion Ratio Lower Upper

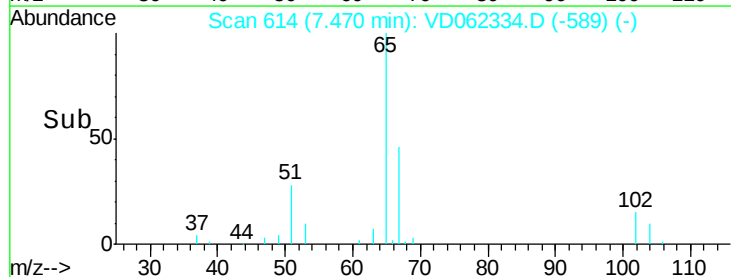
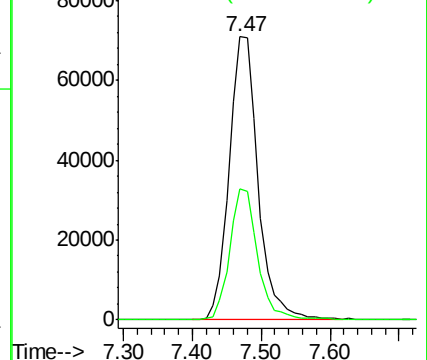
65 100

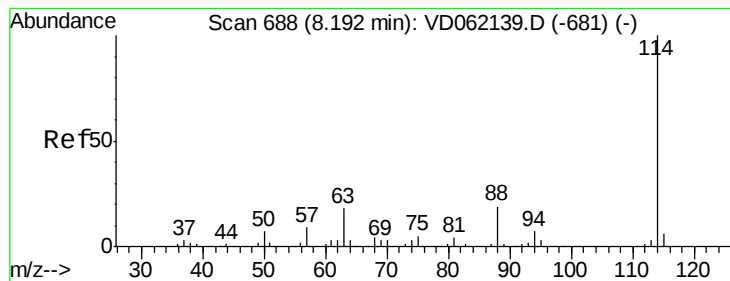
67 46.4 0.0 98.0



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: VD062334.D

Acq: 14 May 2019 6:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-1824-01

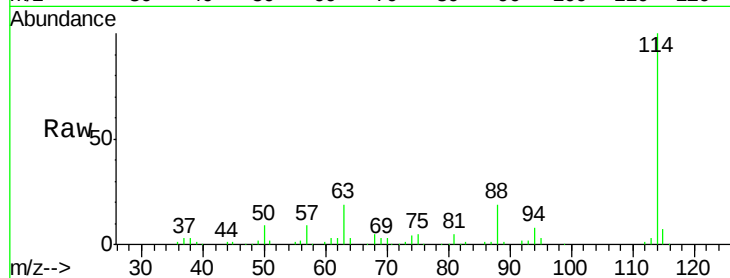
Tot Ion:114 Resp: 759143

Ion Ratio Lower Upper

114 100

63 18.9 0.0 32.4

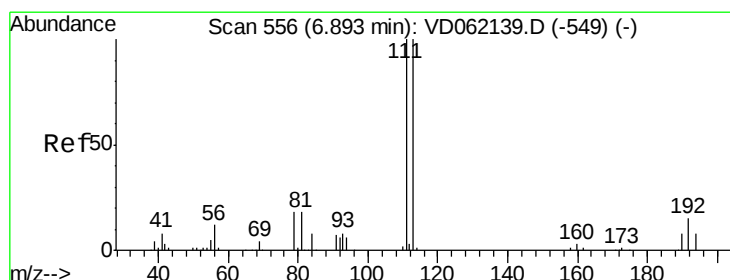
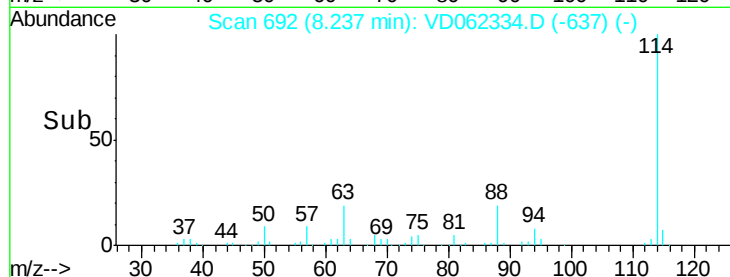
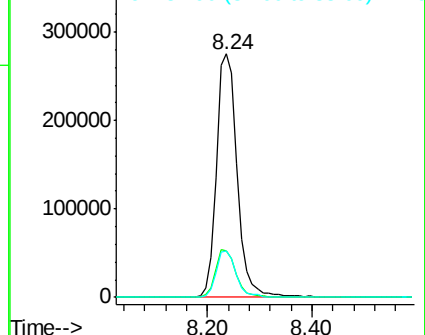
88 19.2 0.0 33.6



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: 36.458 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062334.D

Acq: 14 May 2019 6:12

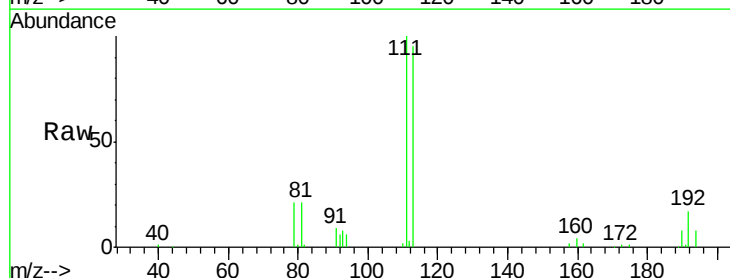
Tgt Ion:113 Resp: 229638

Ion Ratio Lower Upper

113 100

111 105.3 78.5 117.7

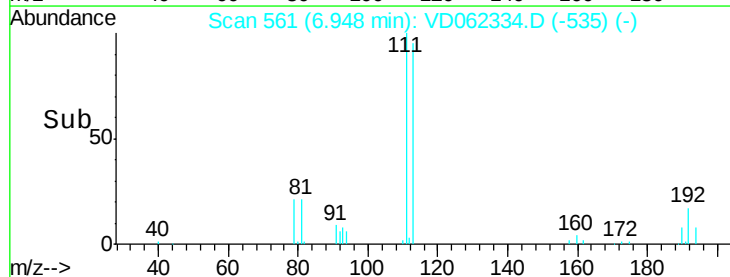
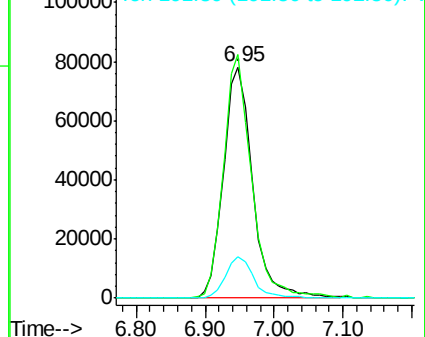
192 17.9 13.0 19.4

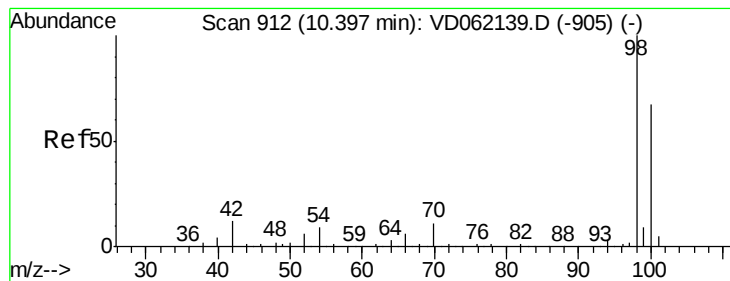


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 24.505 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.04 min

Lab File: VD062334.D

Acq: 14 May 2019 6:12

Instrument :

MSVOA_D

ClientSampleId :

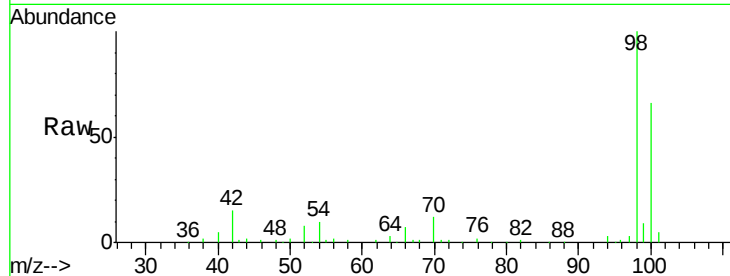
P026-SS016-1824-01

Tot Ion: 98 Resp: 372154

Ion Ratio Lower Upper

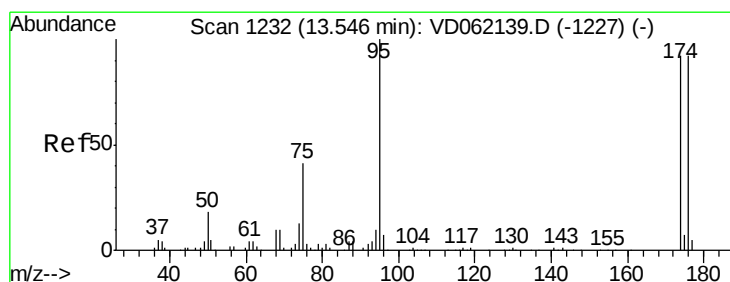
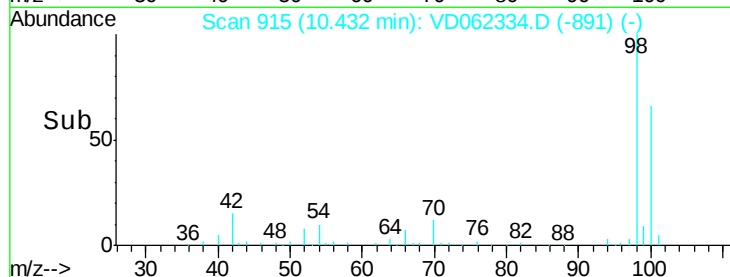
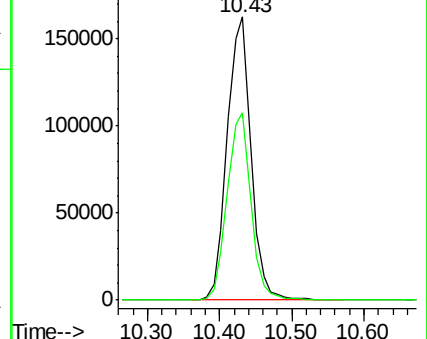
98 100

100 66.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 25.286 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062334.D

Acq: 14 May 2019 6:12

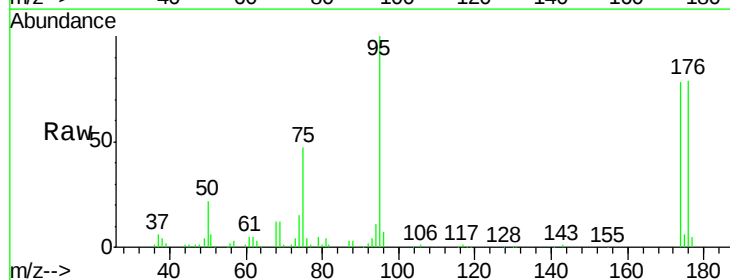
Tgt Ion: 95 Resp: 154201

Ion Ratio Lower Upper

95 100

174 77.7 0.0 181.8

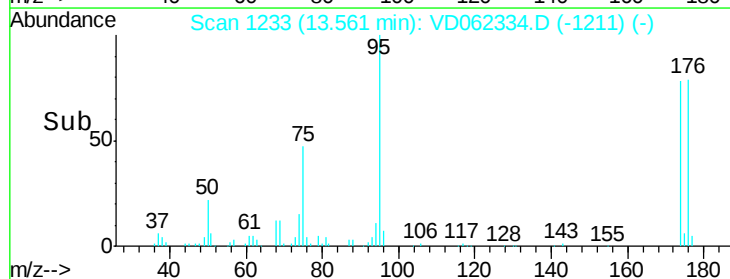
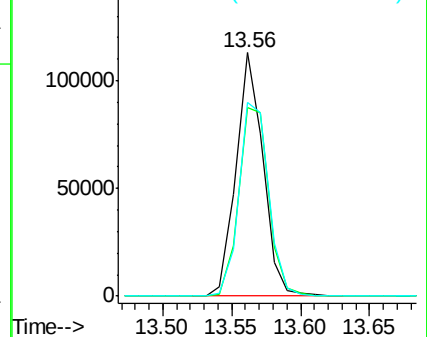
176 79.5 0.0 174.4

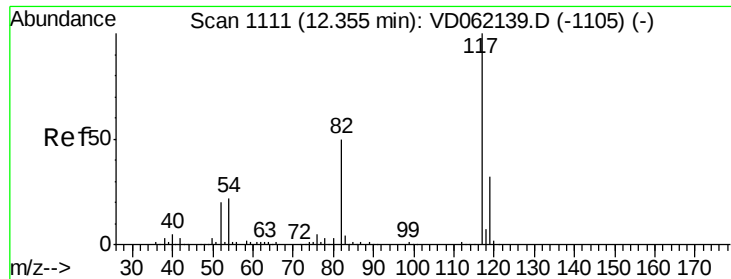


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

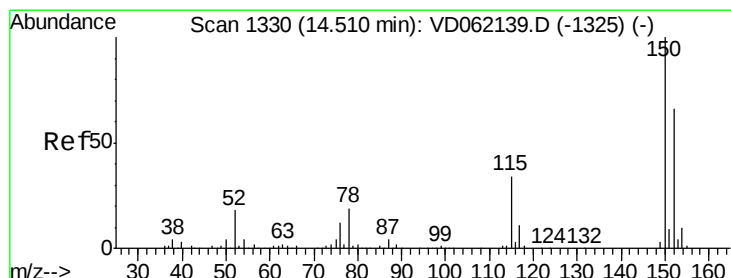
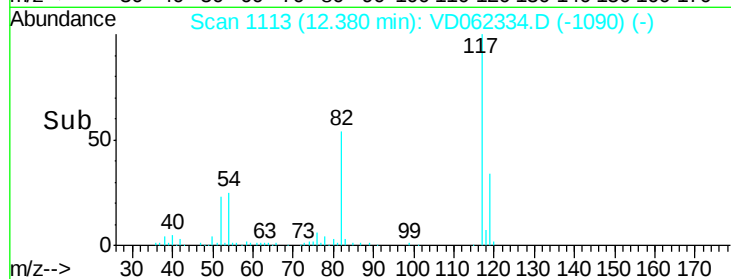
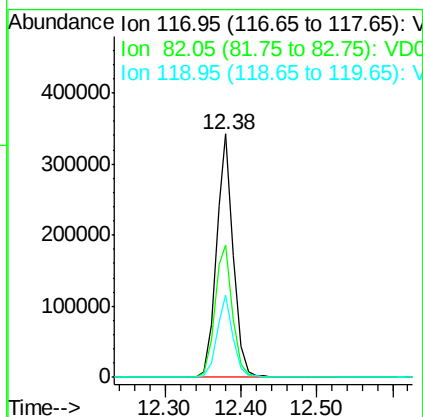
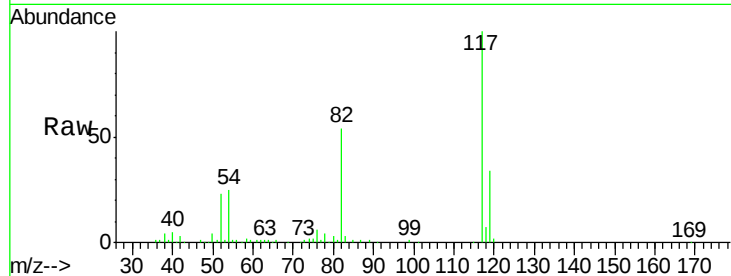




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062334.D
Acq: 14 May 2019 6:12

Instrument :
MSVOA_D
ClientSampleId :
P026-SS016-1824-01

Tot Ion:117 Resp: 531516
Ion Ratio Lower Upper
117 100
82 54.1 36.2 54.2
119 33.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062334.D
Acq: 14 May 2019 6:12

Tgt Ion:152 Resp: 228802
Ion Ratio Lower Upper
152 100
115 55.3 30.9 92.7
150 152.9 0.0 314.8

