

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062281.D
 Acq On : 13 May 2019 2:50
 Operator : FY/SY
 Sample : K2719-10
 Misc : 3.81g/5mL/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS009-0612-01

Quant Time: May 15 03:00:28 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	618464	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	847832	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	627350	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	252215	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	257061	44.73	ug/l	0.04
Spiked Amount	50.000		Recovery	=	89.46%	
35) Dibromofluoromethane	6.95	113	316324	44.97	ug/l	0.05
Spiked Amount	50.000		Recovery	=	89.94%	
50) Toluene-d8	10.42	98	620957	36.61	ug/l	0.02
Spiked Amount	50.000		Recovery	=	73.22%	
62) 4-Bromofluorobenzene	13.56	95	212103	31.14	ug/l	0.01
Spiked Amount	50.000		Recovery	=	62.28%	

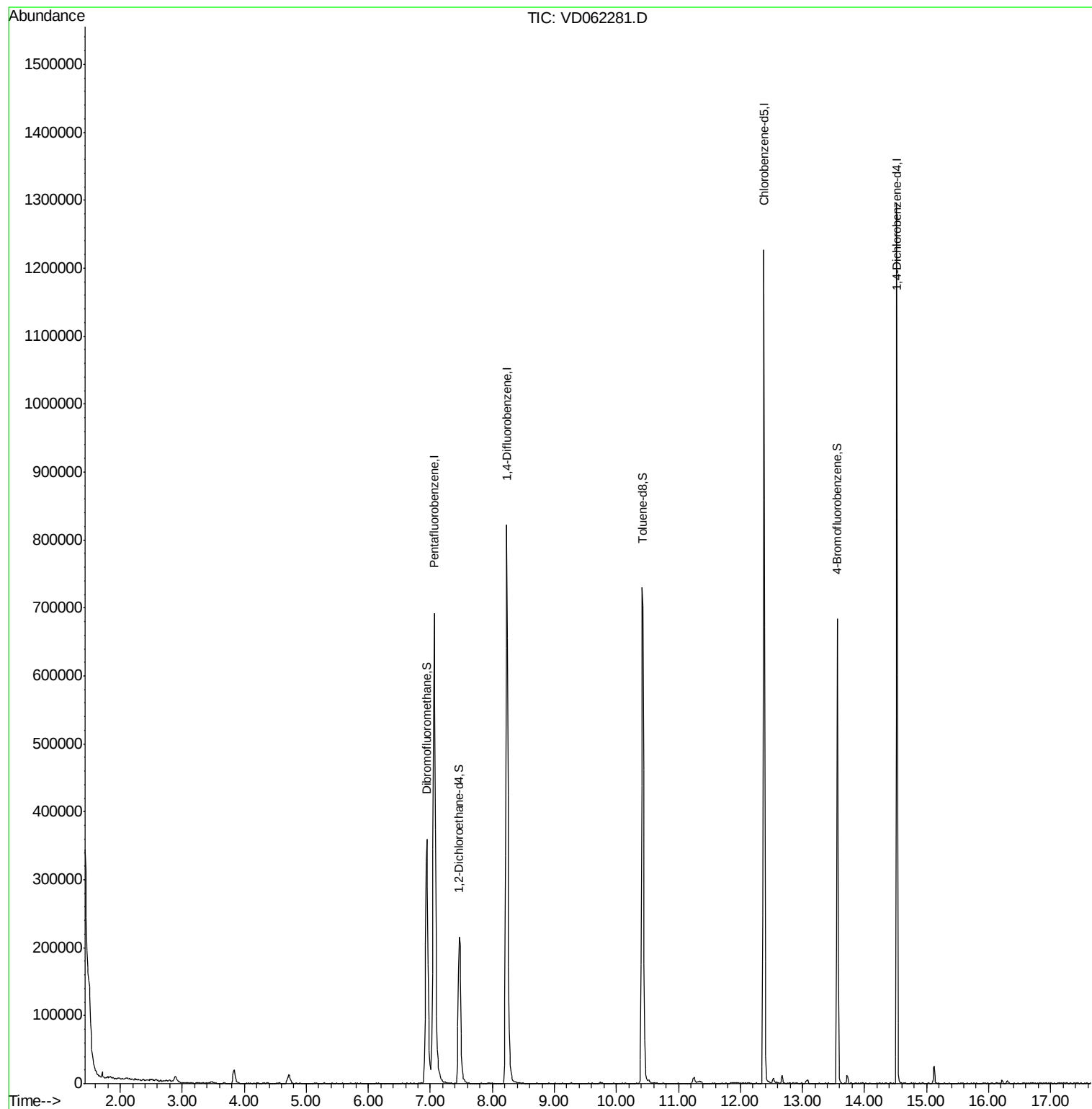
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062281.D

Acq: 13 May 2019 2:50

Instrument :

MSVOA_D

ClientSampleId :

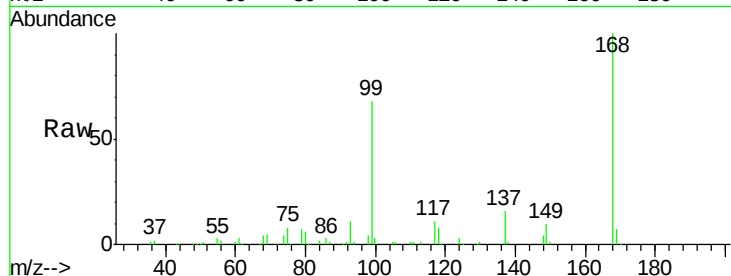
P026-SS009-0612-01

Tot Ion:168 Resp: 618464

Ion Ratio Lower Upper

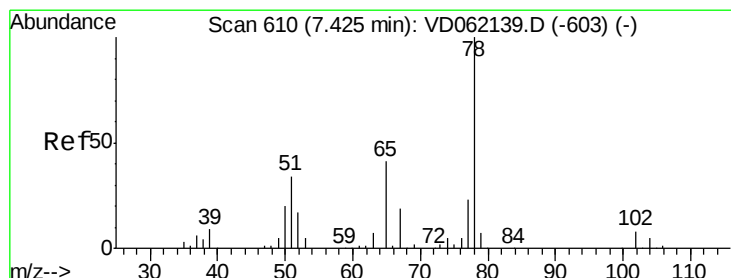
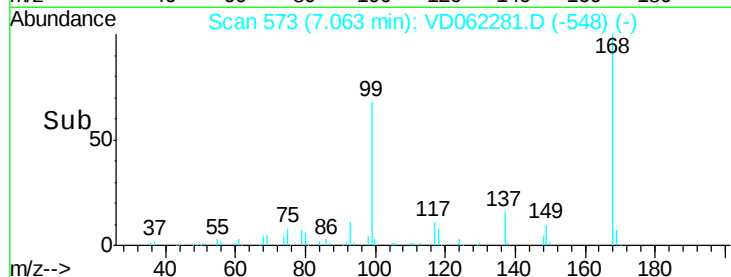
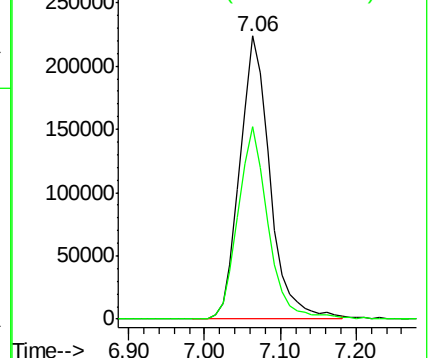
168 100

99 68.1 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: 44.726 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062281.D

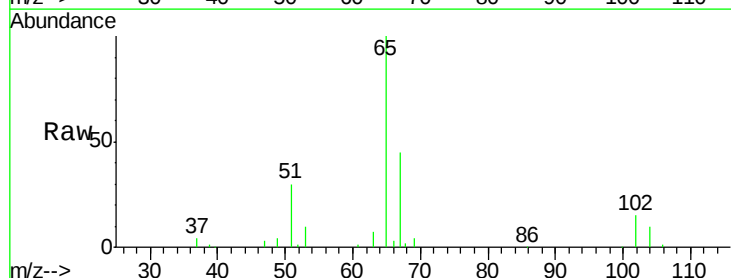
Acq: 13 May 2019 2:50

Tgt Ion: 65 Resp: 257061

Ion Ratio Lower Upper

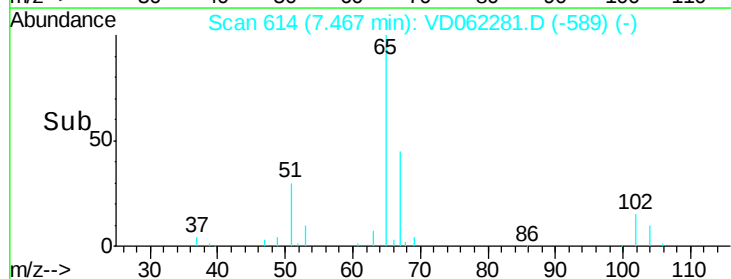
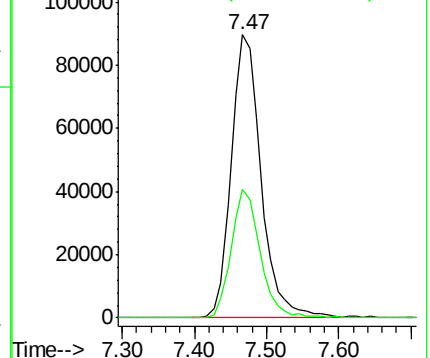
65 100

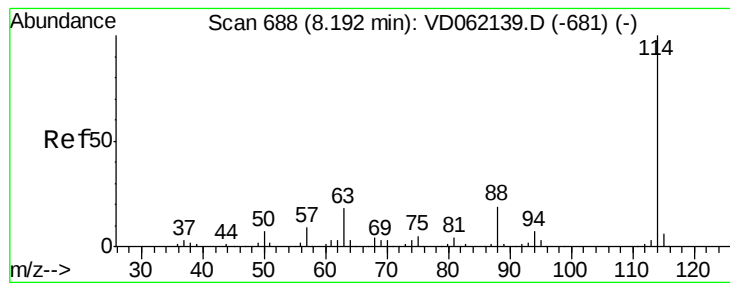
67 45.5 0.0 98.0



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: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062281.D

Acq: 13 May 2019 2:50

Instrument :

MSVOA_D

ClientSampleId :

P026-SS009-0612-01

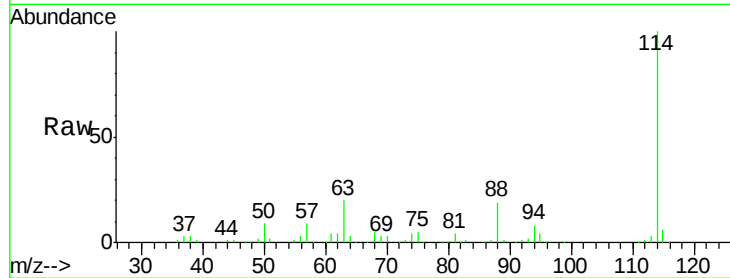
Tot Ion:114 Resp: 847832

Ion Ratio Lower Upper

114 100

63 20.1 0.0 32.4

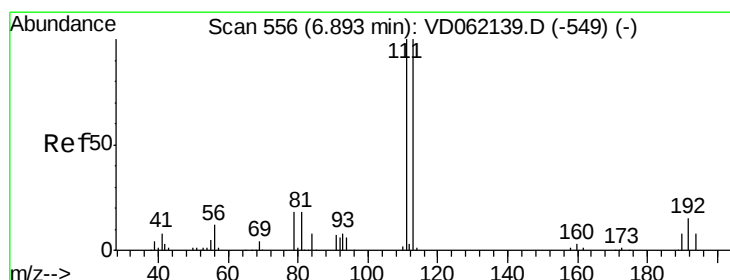
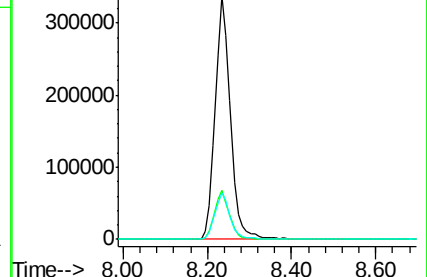
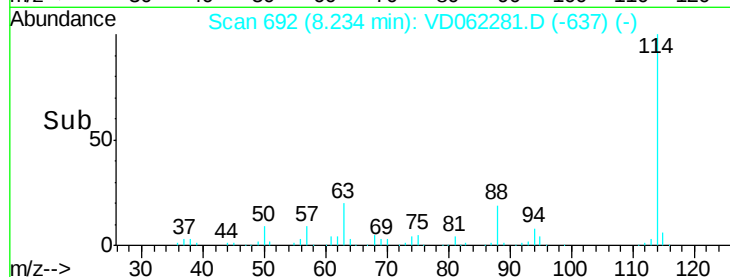
88 19.1 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 44.967 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062281.D

Acq: 13 May 2019 2:50

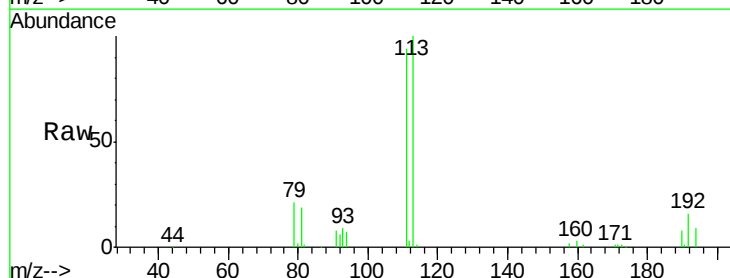
Tgt Ion:113 Resp: 316324

Ion Ratio Lower Upper

113 100

111 93.6 78.5 117.7

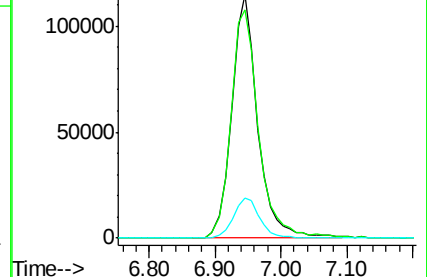
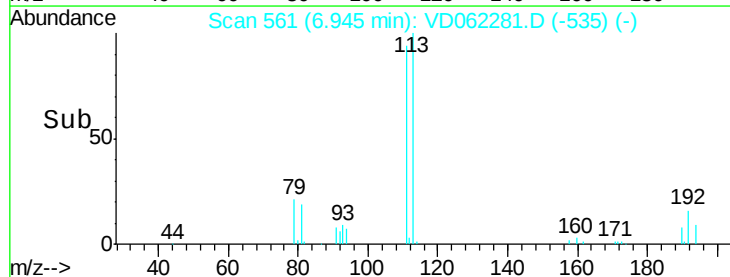
192 16.2 13.0 19.4

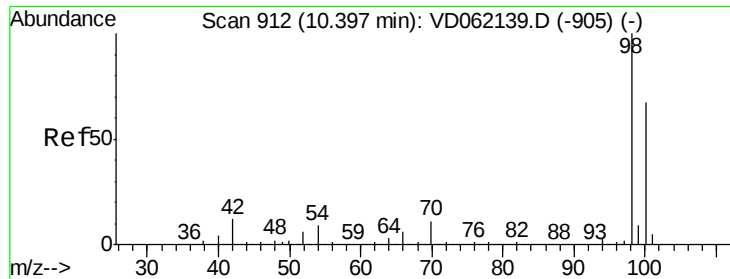


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

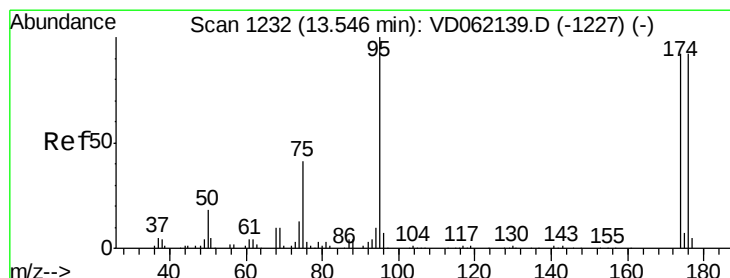
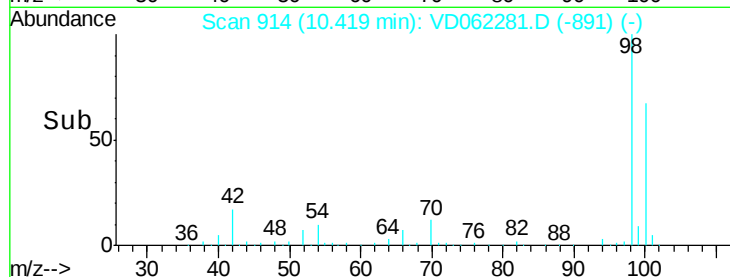
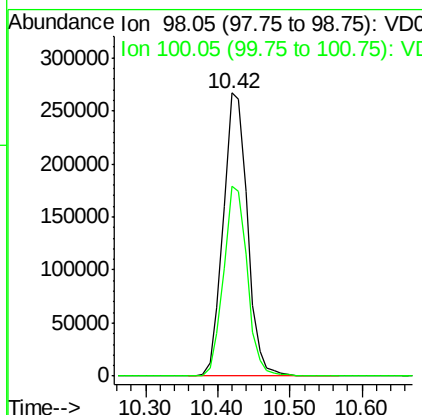
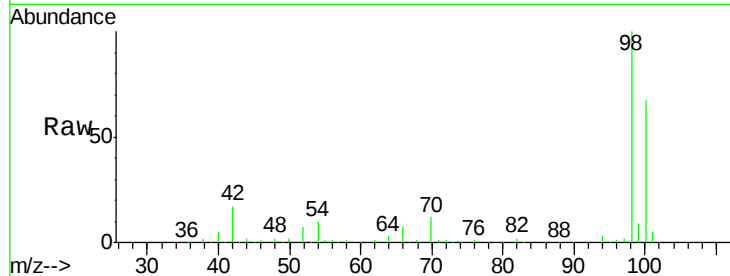




#50
Toluene-d8
Concen: 36.611 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062281.D
Acq: 13 May 2019 2:50

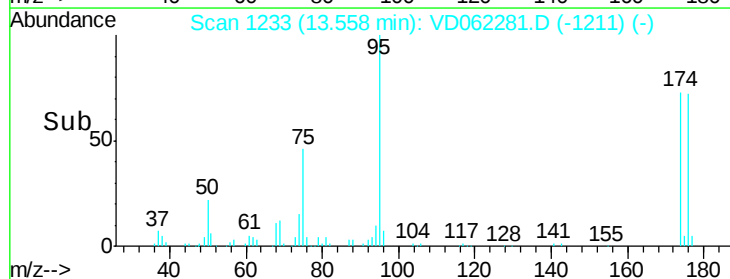
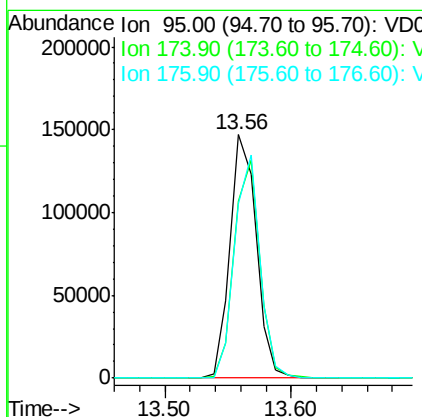
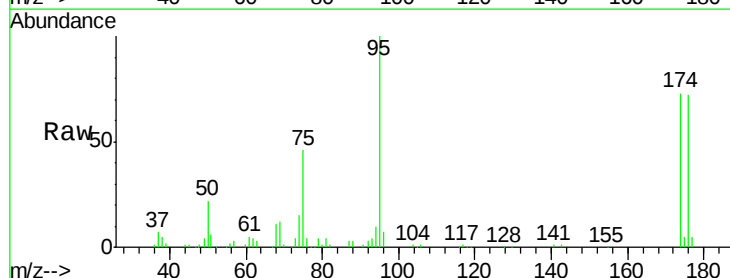
Instrument :
MSVOA_D
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P026-SS009-0612-01

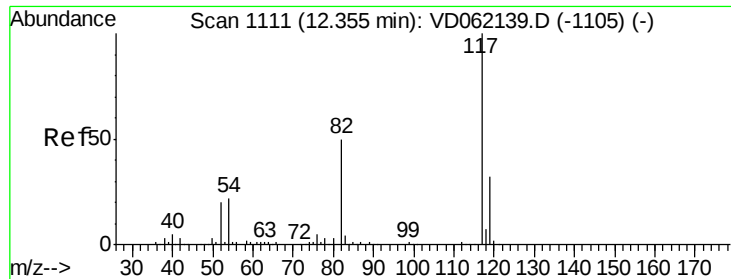
Tot Ion: 98 Resp: 620957
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 31.142 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062281.D
Acq: 13 May 2019 2:50

Tgt Ion: 95 Resp: 212103
Ion Ratio Lower Upper
95 100
174 72.9 0.0 181.8
176 71.7 0.0 174.4

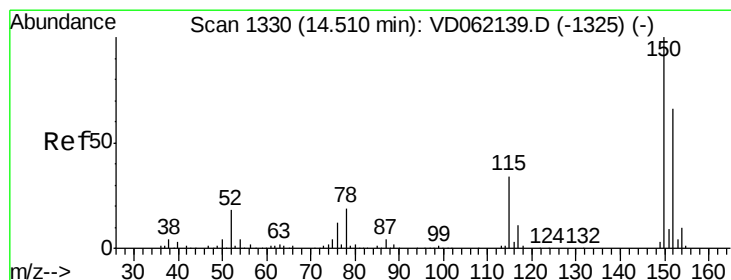
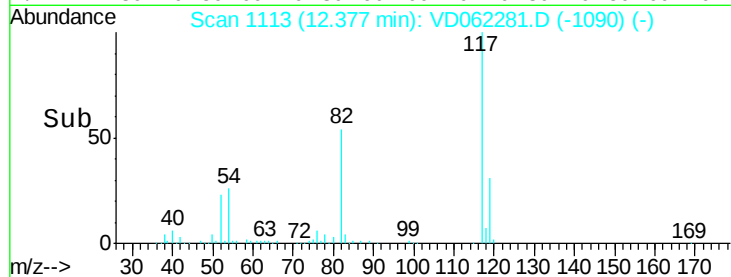
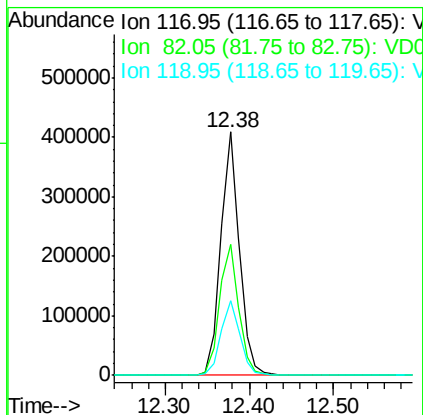
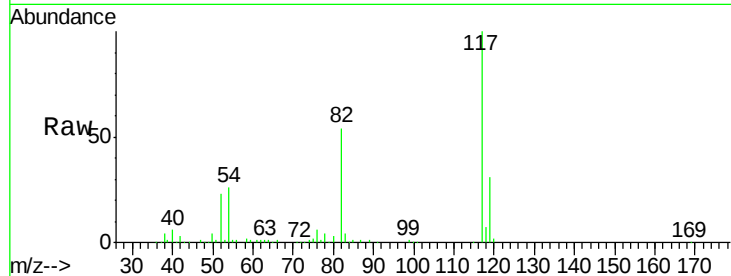




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062281.D
Acq: 13 May 2019 2:50

Instrument :
MSVOA_D
ClientSampleId :
P026-SS009-0612-01

Tot Ion:117 Resp: 627350
Ion Ratio Lower Upper
117 100
82 54.0 36.2 54.2
119 30.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062281.D
Acq: 13 May 2019 2:50

Tgt Ion:152 Resp: 252215
Ion Ratio Lower Upper
152 100
115 61.3 30.9 92.7
150 158.1 0.0 314.8

