

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051119\
 Data File : VD062237.D
 Acq On : 11 May 2019 15:08
 Operator : FY/SY
 Sample : K2718-08
 Misc : 5.21g/5mL/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-0002-01

Quant Time: May 11 22:55:29 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	7.04	168	455424	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	546543	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	248055	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	44634	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	253876	59.99	ug/l	0.02
Spiked Amount	50.000		Recovery	=	119.98%	
35) Dibromofluoromethane	6.92	113	283567	62.53	ug/l	0.03
Spiked Amount	50.000		Recovery	=	125.06%	
50) Toluene-d8	10.41	98	418424	38.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	76.54%	
62) 4-Bromofluorobenzene	13.56	95	70308	16.01	ug/l	0.01
Spiked Amount	50.000		Recovery	=	32.02%	

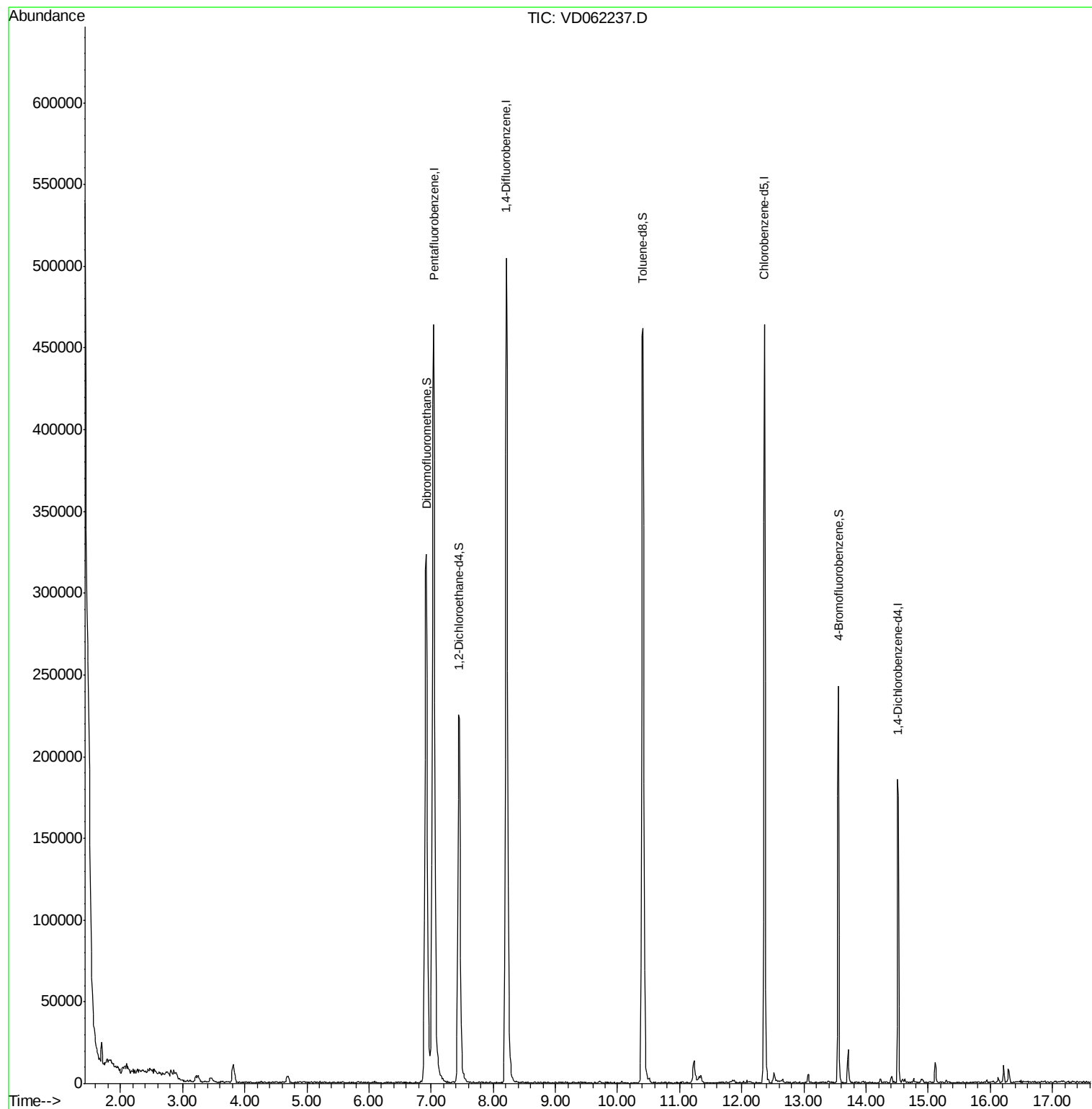
Target Compounds	Qvalue

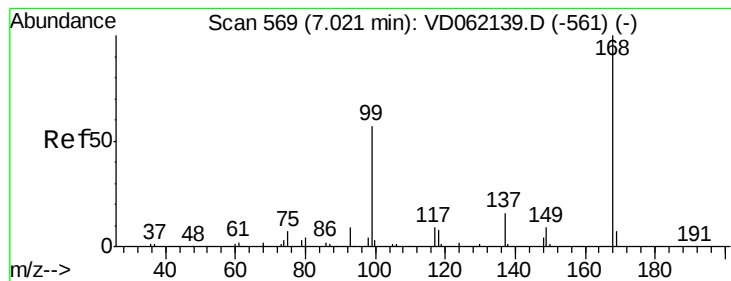
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062237.D

Acq: 11 May 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

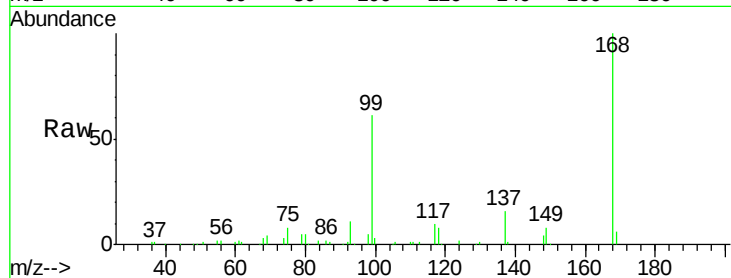
P026-SS006-0002-01

Tgt Ion:168 Resp: 455424

Ion Ratio Lower Upper

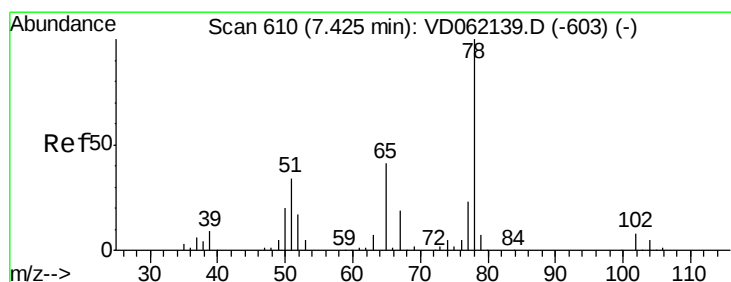
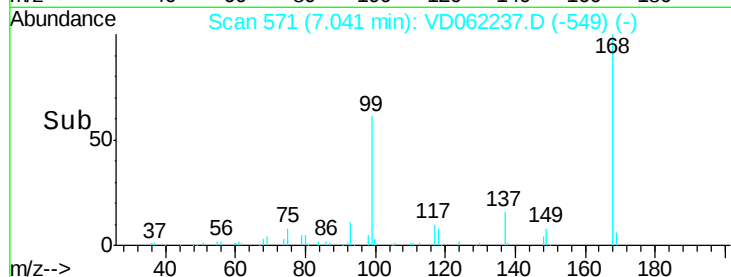
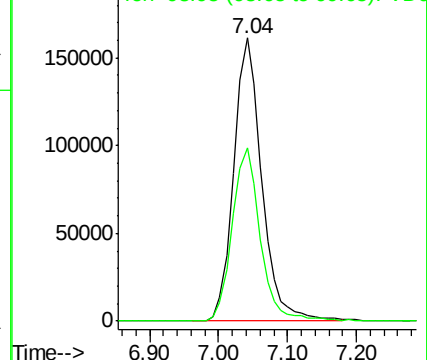
168 100

99 61.1 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: 59.985 ug/l

RT: 7.44 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062237.D

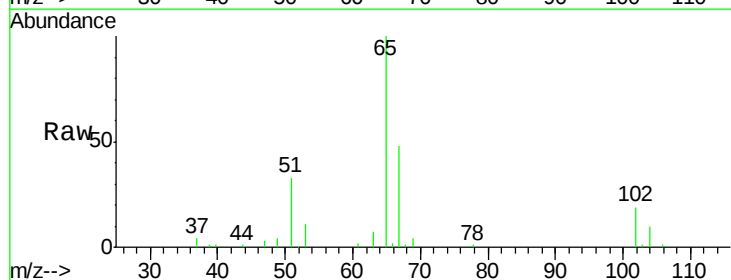
Acq: 11 May 2019 15:08

Tgt Ion: 65 Resp: 253876

Ion Ratio Lower Upper

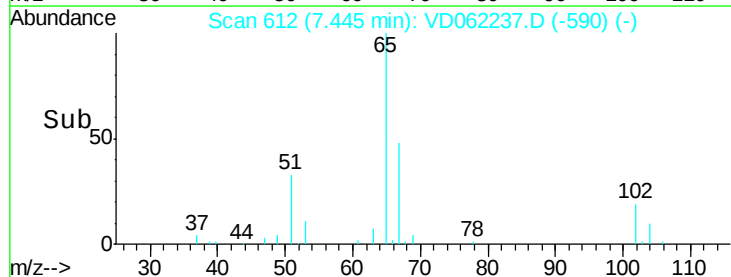
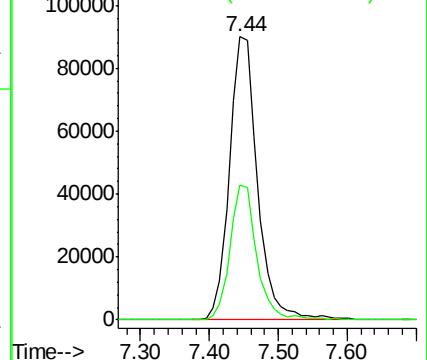
65 100

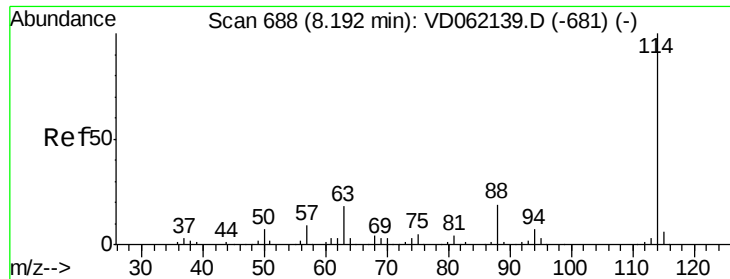
67 47.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

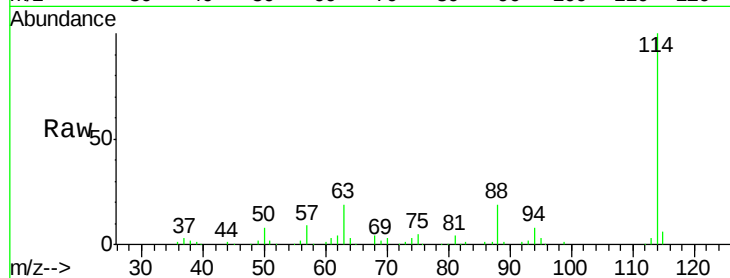




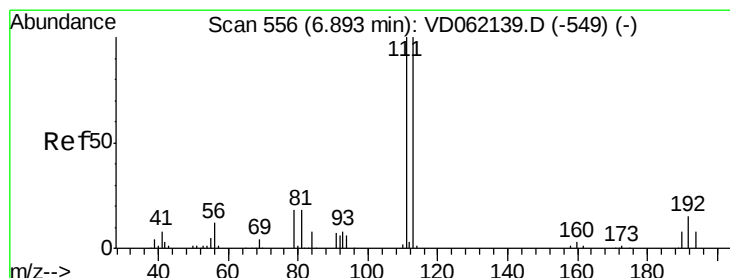
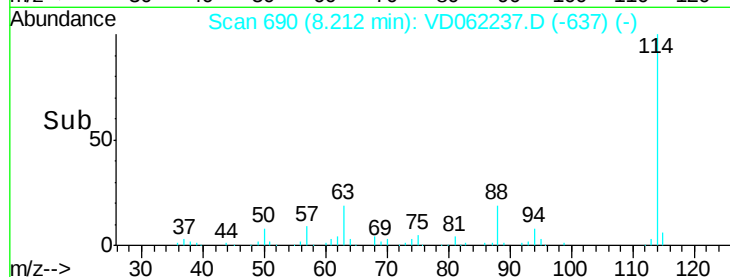
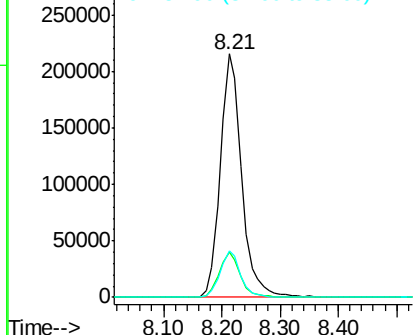
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062237.D
 Acq: 11 May 2019 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-0002-01

Tgt Ion:114 Resp: 546543
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 32.4
 88 19.0 0.0 33.6

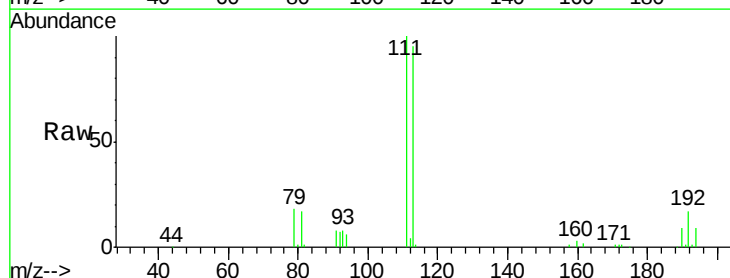


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

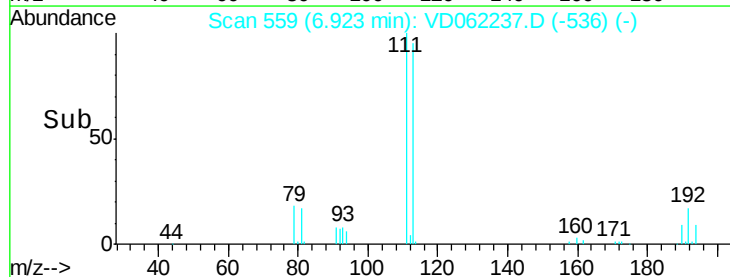
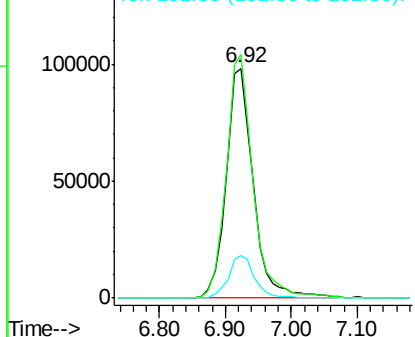


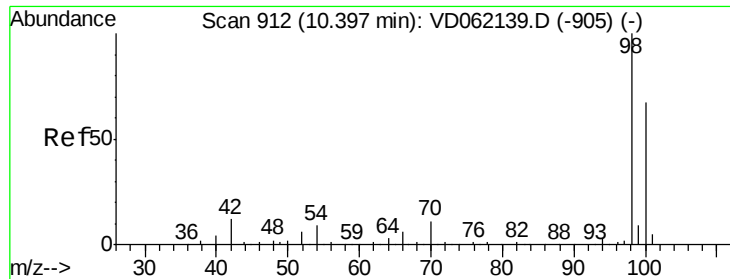
#35
 Dibromofluoromethane
 Concen: 62.532 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062237.D
 Acq: 11 May 2019 15:08

Tgt Ion:113 Resp: 283567
 Ion Ratio Lower Upper
 113 100
 111 105.8 78.5 117.7
 192 18.3 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

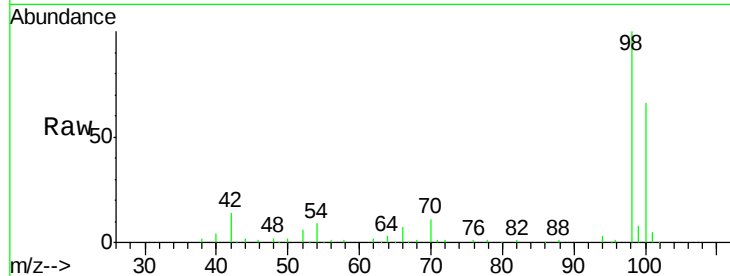




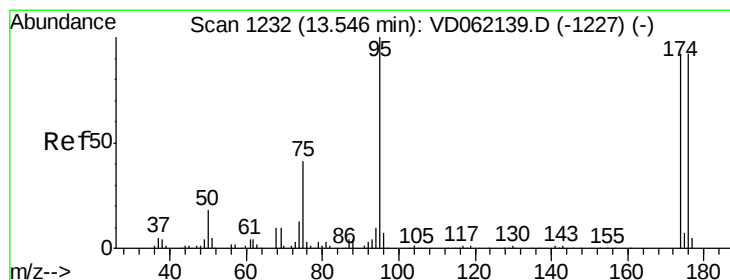
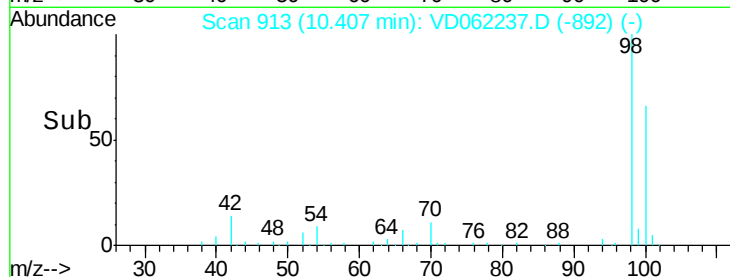
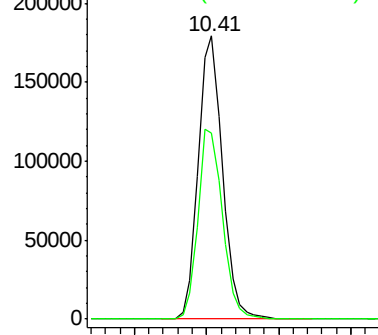
#50
Toluene-d8
Concen: 38.270 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062237.D
Acq: 11 May 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-01

Tgt Ion: 98 Resp: 418424
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.8

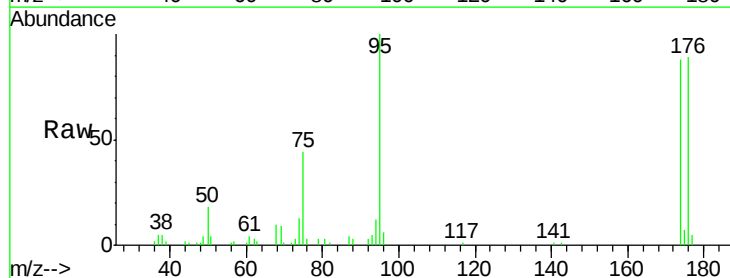


Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

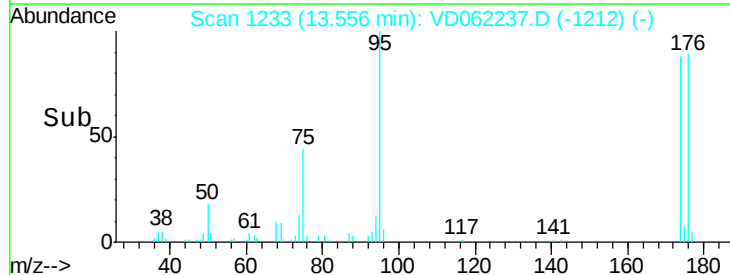
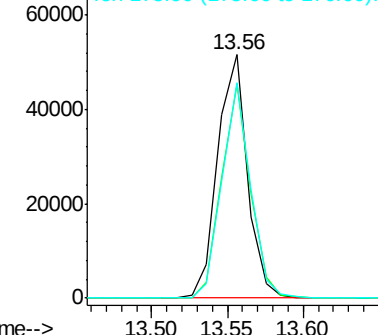


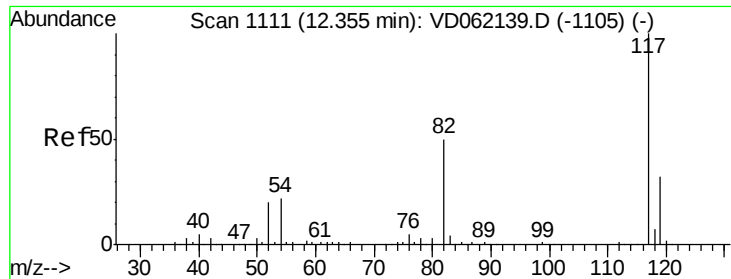
#62
4-Bromofluorobenzene
Concen: 16.014 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062237.D
Acq: 11 May 2019 15:08

Tgt Ion: 95 Resp: 70308
Ion Ratio Lower Upper
95 100
174 87.9 0.0 181.8
176 88.7 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) (-)

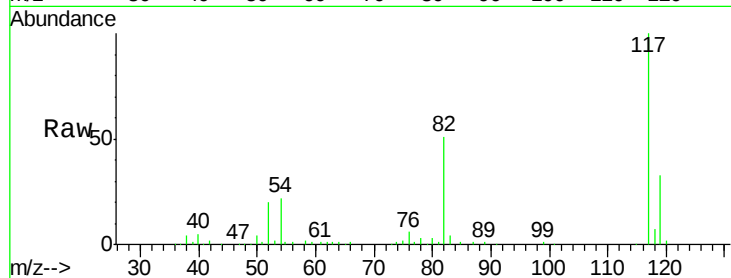




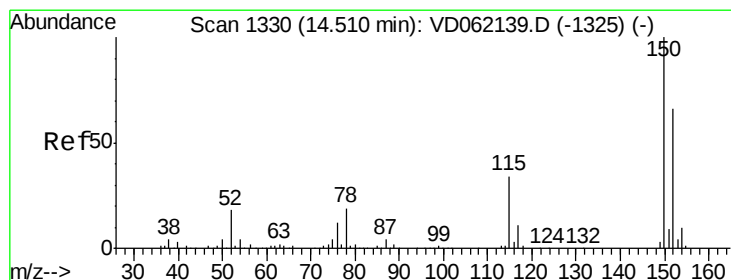
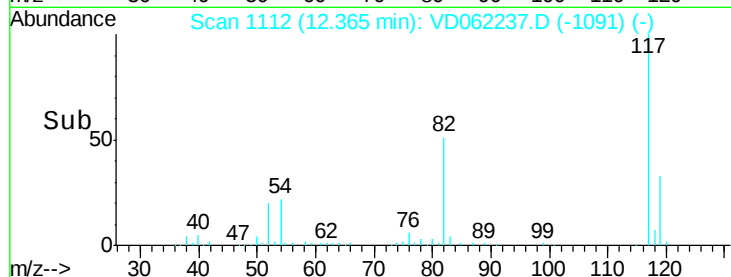
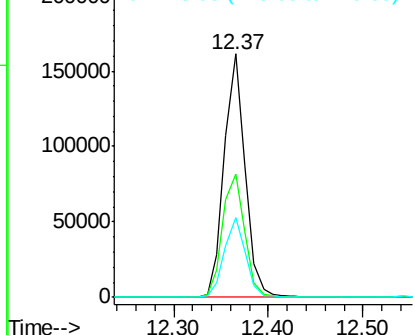
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062237.D
Acq: 11 May 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:117 Resp: 248055
Ion Ratio Lower Upper
117 100
82 50.9 36.2 54.2
119 32.5 26.2 39.4

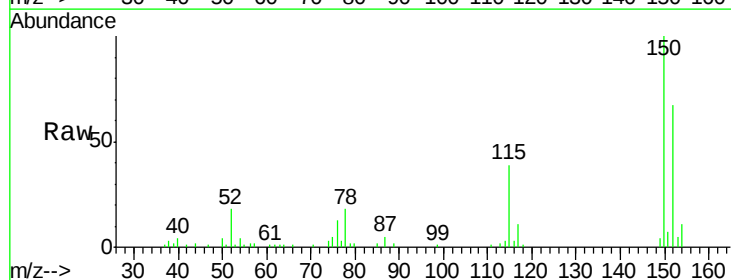


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062237.D
Acq: 11 May 2019 15:08

Tgt Ion:152 Resp: 44634
Ion Ratio Lower Upper
152 100
115 58.1 30.9 92.7
150 150.1 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

