

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062359.D
 Acq On : 14 May 2019 21:05
 Operator : FY/SY
 Sample : K2735-12RE
 Misc : 6.18g/5mL/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 15 03:25:04 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	158696	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	257084	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	232345	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	118504	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	148342	100.59	ug/l	0.05
Spiked Amount	50.000		Recovery	=	201.18%	
35) Dibromofluoromethane	6.94	113	122337	57.35	ug/l	0.05
Spiked Amount	50.000		Recovery	=	114.70%	
50) Toluene-d8	10.42	98	175966	34.21	ug/l	0.03
Spiked Amount	50.000		Recovery	=	68.42%	
62) 4-Bromofluorobenzene	13.56	95	101059	48.93	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.86%	

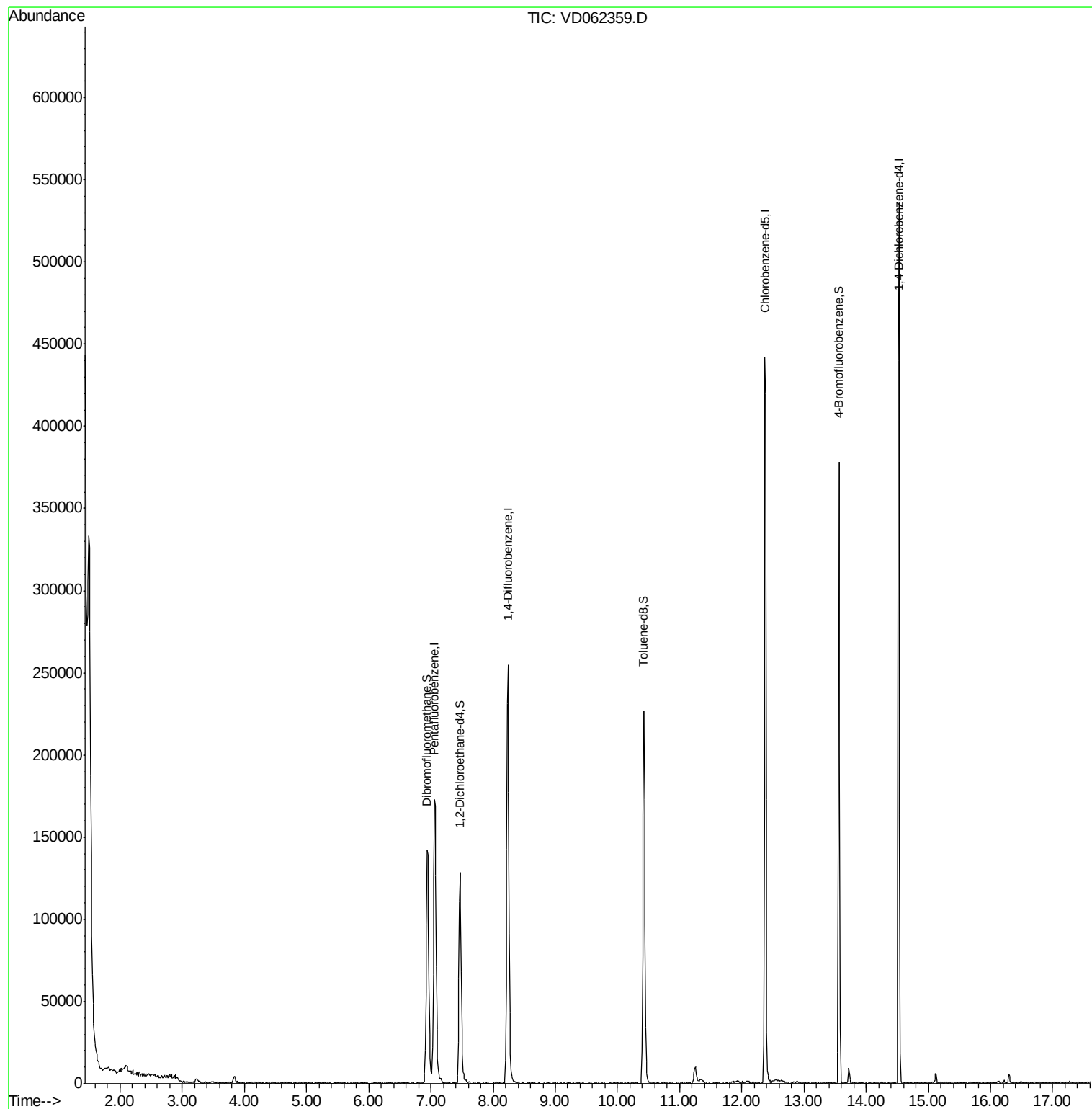
Target Compounds	Qvalue

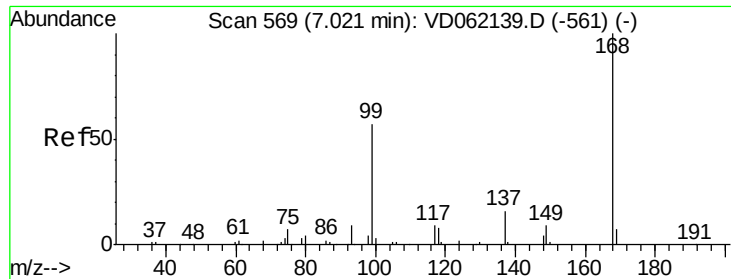
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD062359.D

Acq: 14 May 2019 21:05

Instrument :

MSVOA_D

ClientSampleId :

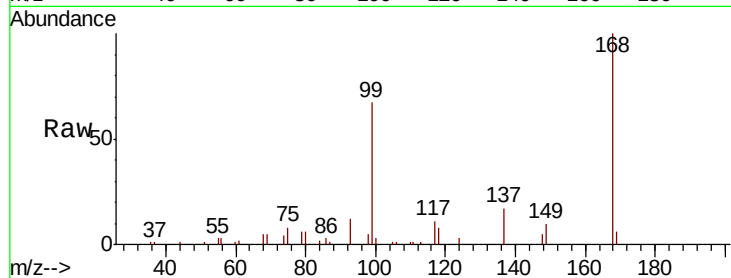
P026-SS016-1824-01RE

Tgt Ion:168 Resp: 158696

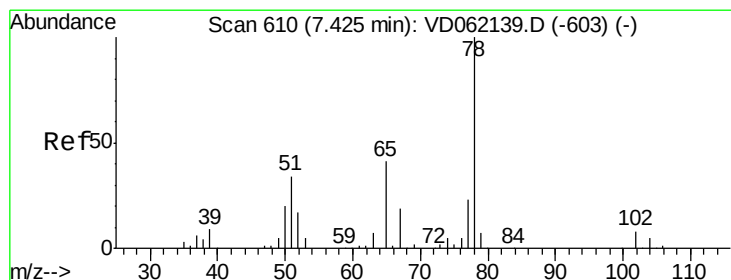
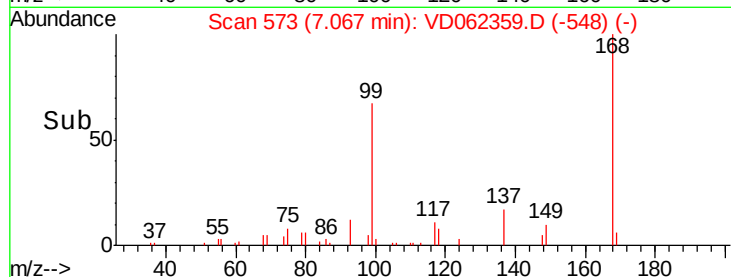
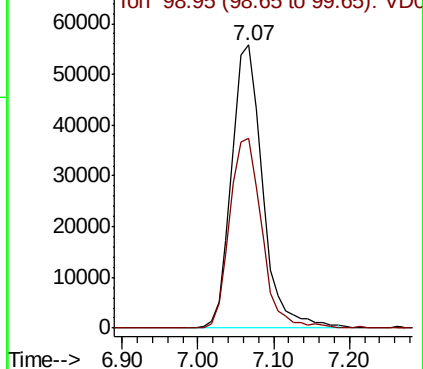
Ion Ratio Lower Upper

168 100

99 67.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 100.586 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.05 min

Lab File: VD062359.D

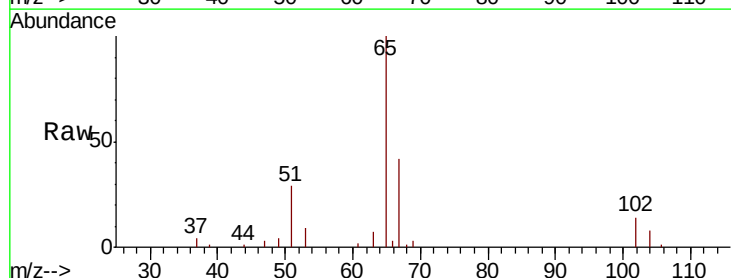
Acq: 14 May 2019 21:05

Tgt Ion: 65 Resp: 148342

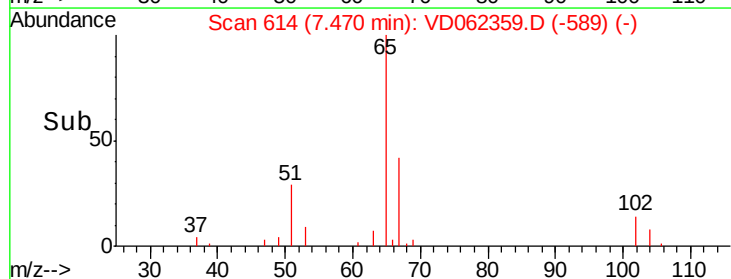
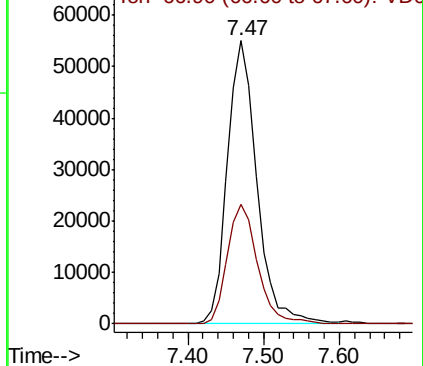
Ion Ratio Lower Upper

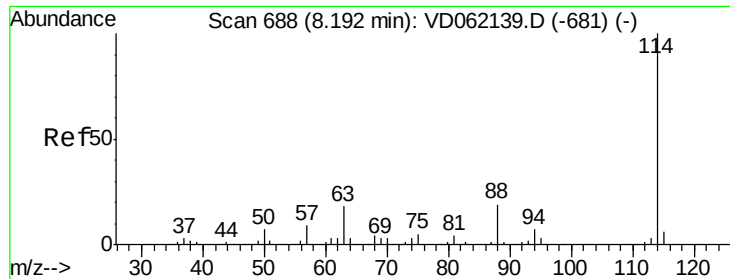
65 100

67 42.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): V

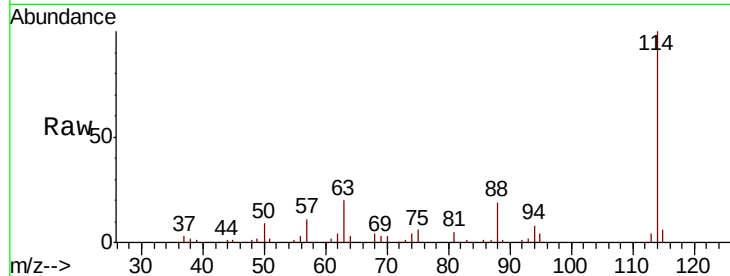




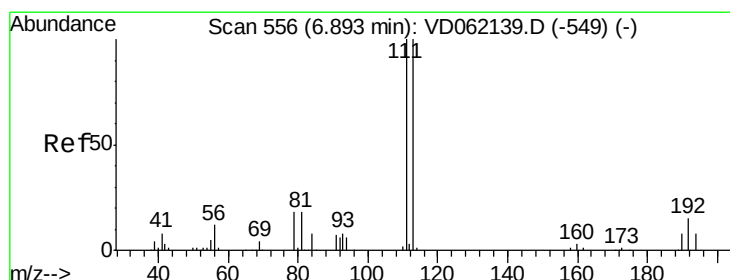
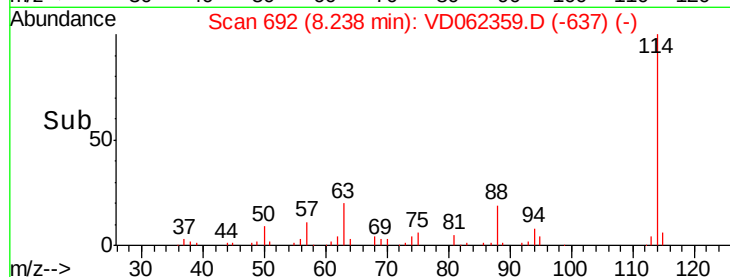
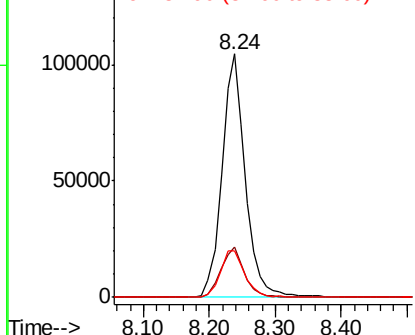
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD062359.D
 Acq: 14 May 2019 21:05

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

Tgt Ion:114 Resp: 257084
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 32.4
 88 19.2 0.0 33.6

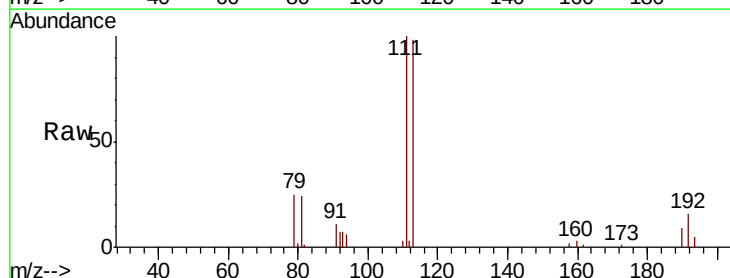


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

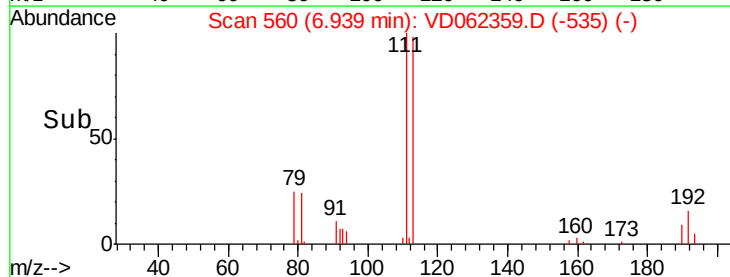
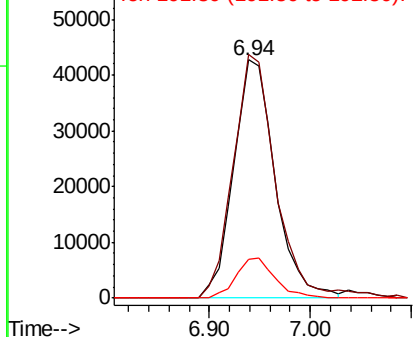


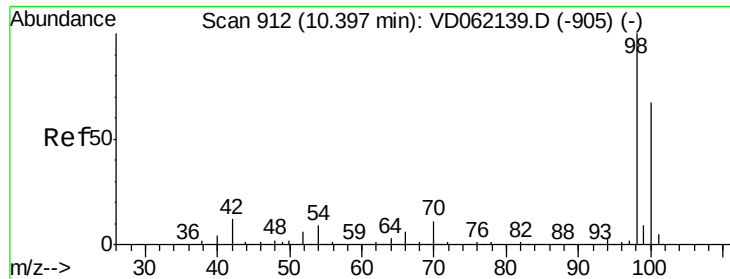
#35
 Dibromofluoromethane
 Concen: 57.353 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.05 min
 Lab File: VD062359.D
 Acq: 14 May 2019 21:05

Tgt Ion:113 Resp: 122337
 Ion Ratio Lower Upper
 113 100
 111 102.2 78.5 117.7
 192 16.1 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

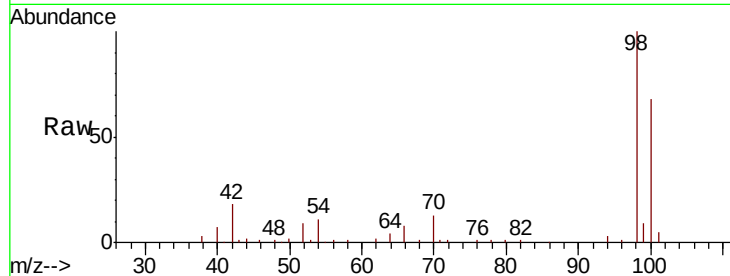




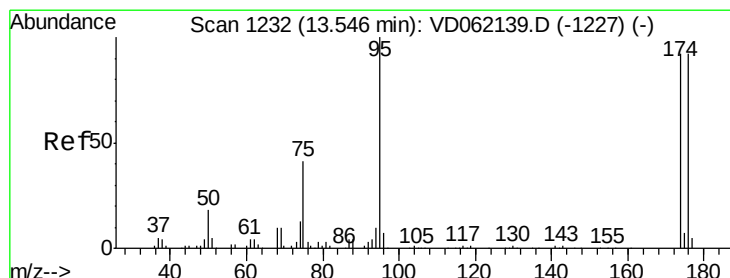
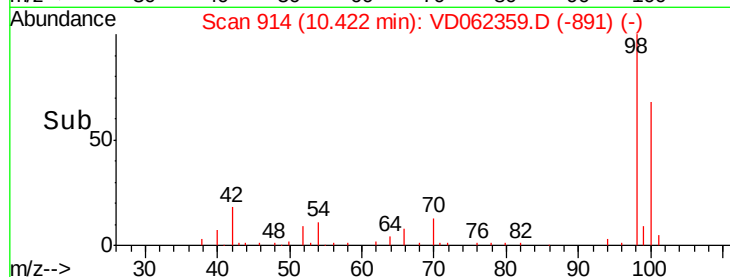
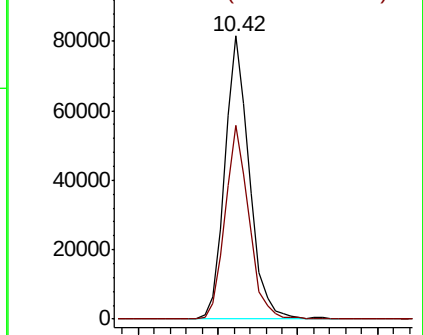
#50
Toluene-d8
Concen: 34.215 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

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

Tgt Ion: 98 Resp: 175966
Ion Ratio Lower Upper
98 100
100 68.3 53.8 80.8

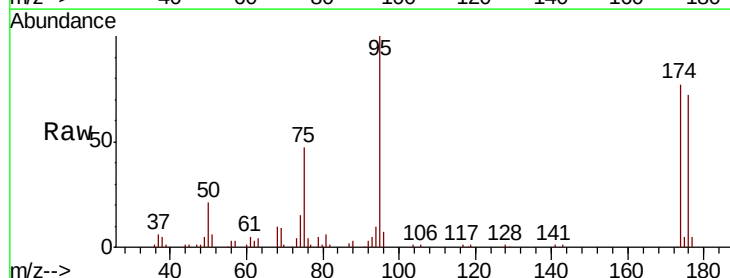


Abundance Ion 98.05 (97.75 to 98.75): VD062359.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD062359.D (-905) (-)

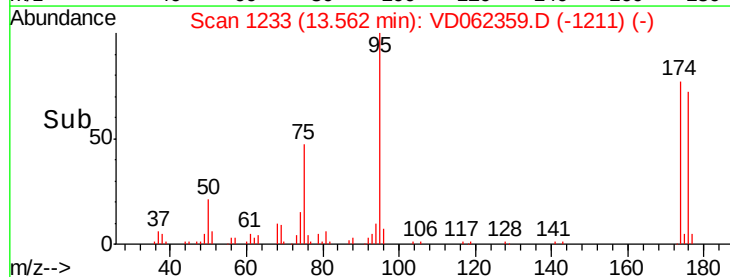
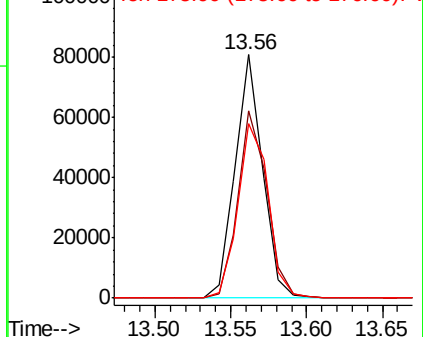


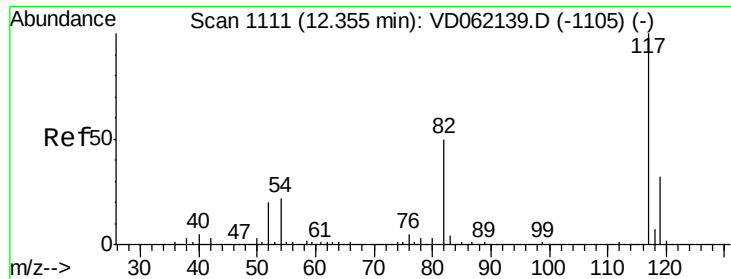
#62
4-Bromofluorobenzene
Concen: 48.934 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

Tgt Ion: 95 Resp: 101059
Ion Ratio Lower Upper
95 100
174 77.1 0.0 181.8
176 71.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062359.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD062359.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD062359.D (-1227) (-)

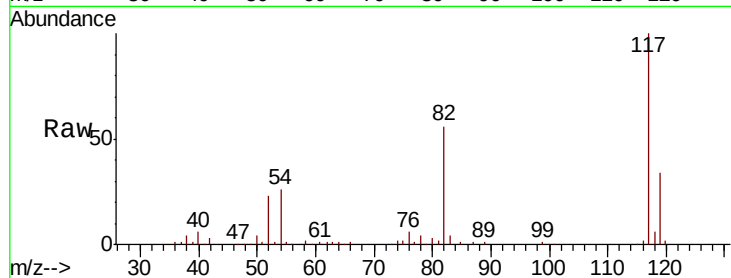




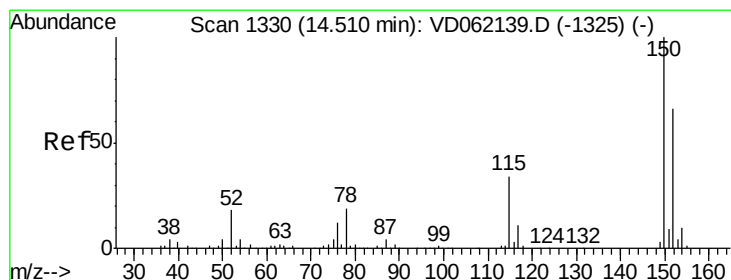
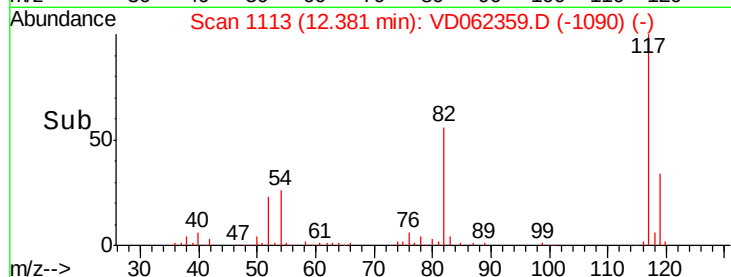
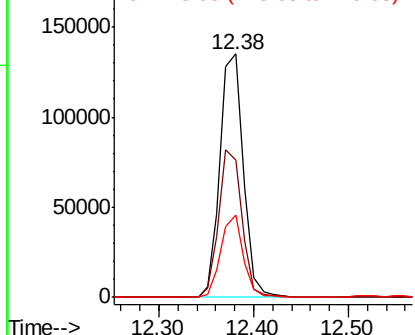
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

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

Tgt Ion:117 Resp: 232345
Ion Ratio Lower Upper
117 100
82 56.4 36.2 54.2#
119 33.7 26.2 39.4

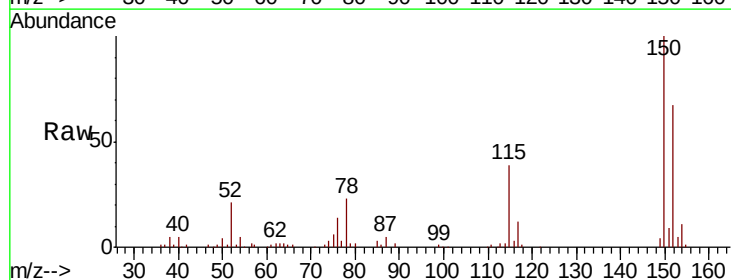


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

Tgt Ion:152 Resp: 118504
Ion Ratio Lower Upper
152 100
115 57.8 30.9 92.7
150 148.8 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

