

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063013.D
 Acq On : 2 Jul 2019 20:12
 Operator : VA/AP
 Sample : K3602-07
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-7

Quant Time: Jul 03 01:36:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	906421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1237847	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1081332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	537409	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	397503	40.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.68%	
35) Dibromofluoromethane	6.93	113	432671	41.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.90%	
50) Toluene-d8	10.41	98	918196	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	
62) 4-Bromofluorobenzene	13.56	95	388633	37.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.24%	

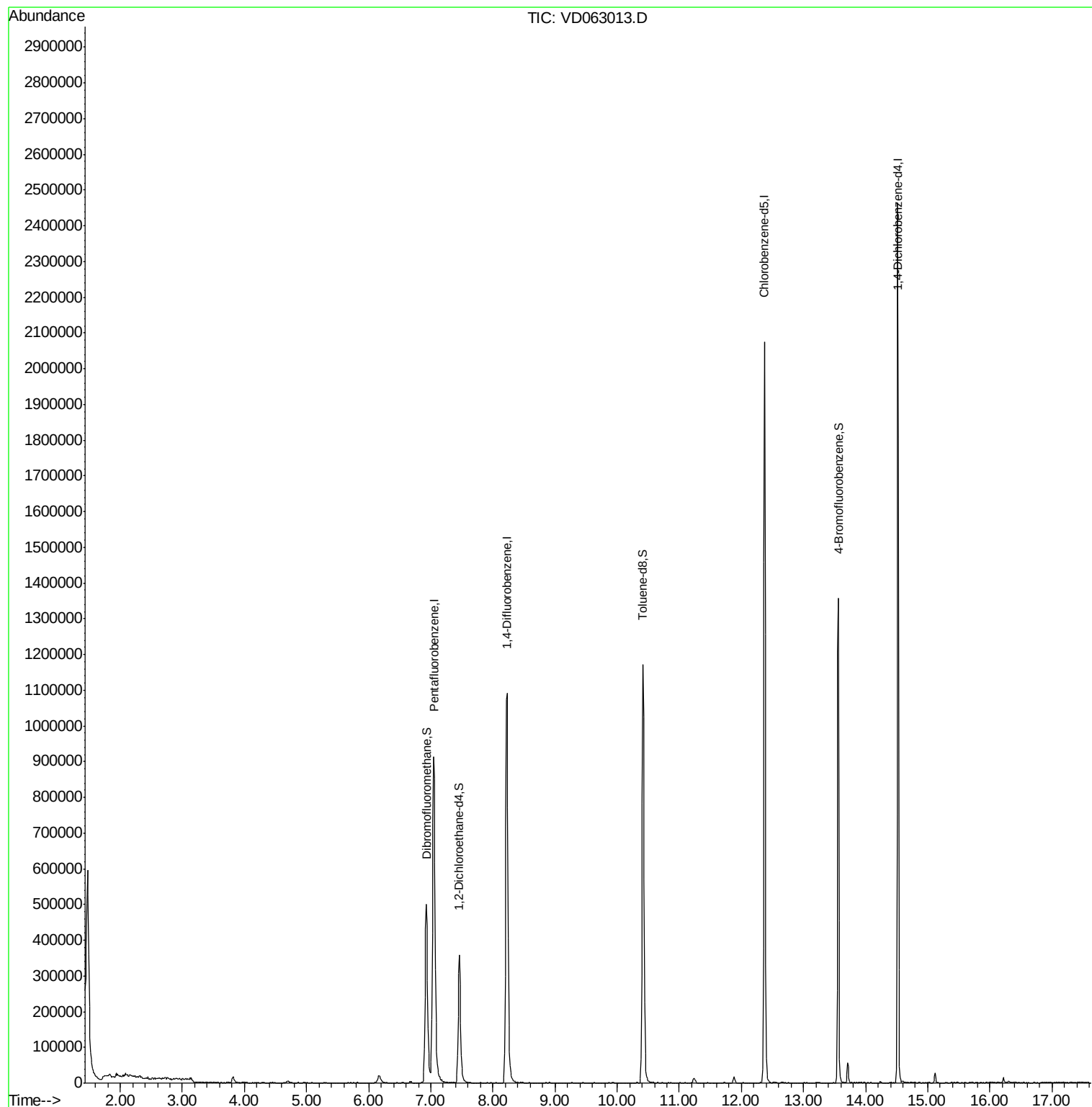
Target Compounds	Qvalue
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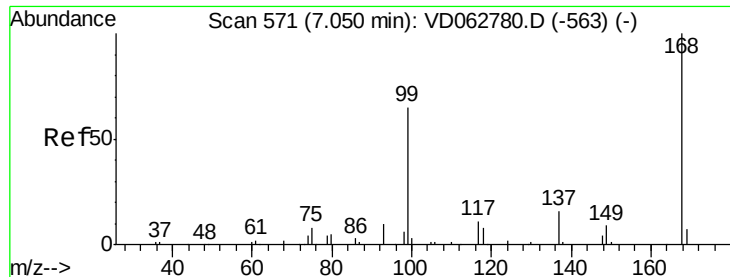
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063013.D

Acq: 2 Jul 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

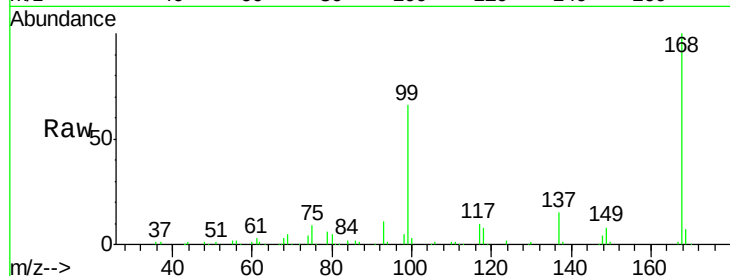
GP-7

Tot Ion:168 Resp: 906421

Ion Ratio Lower Upper

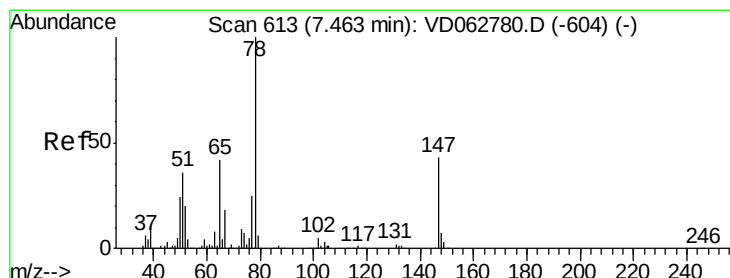
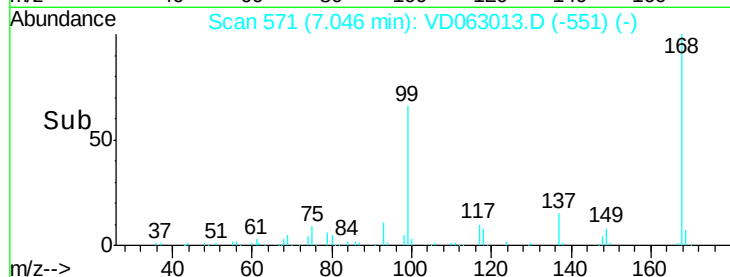
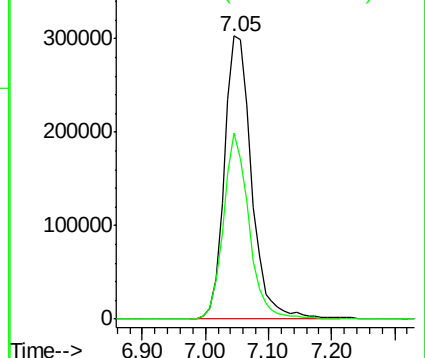
168 100

99 65.7 53.0 79.6



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: 40.345 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063013.D

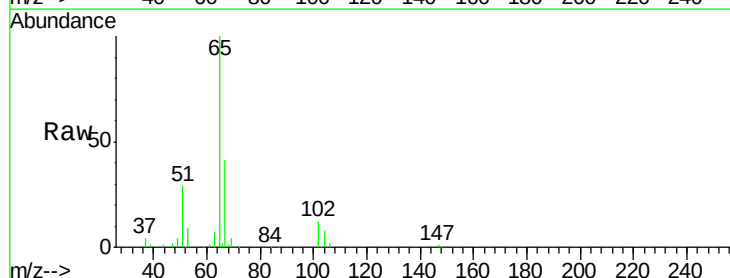
Acq: 2 Jul 2019 20:12

Tgt Ion: 65 Resp: 397503

Ion Ratio Lower Upper

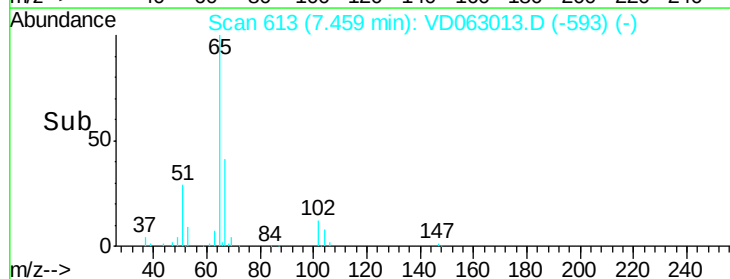
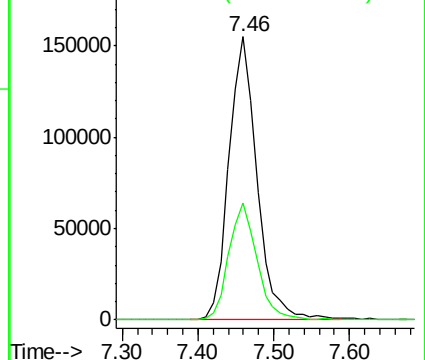
65 100

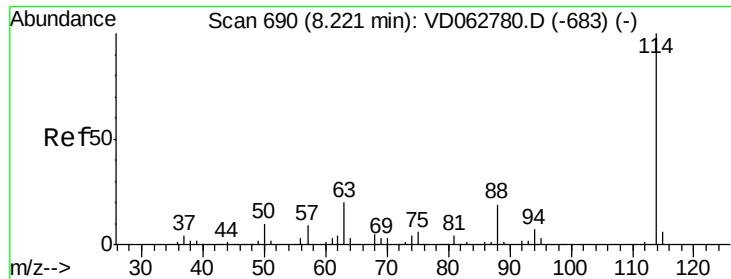
67 41.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

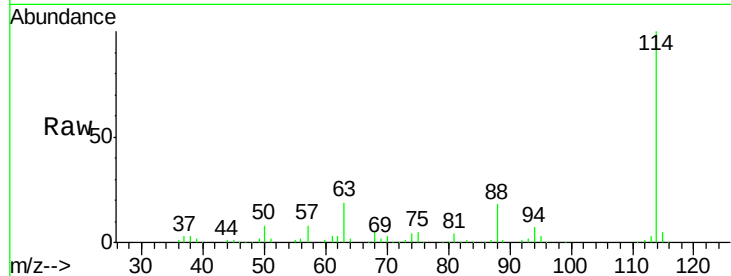




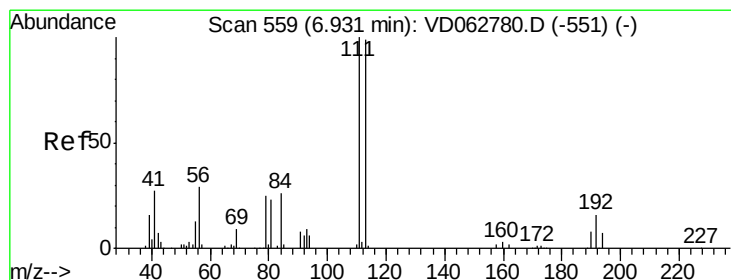
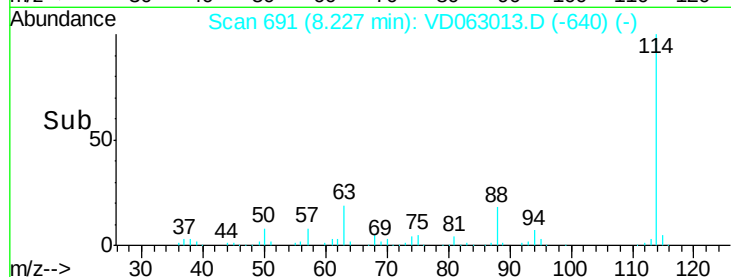
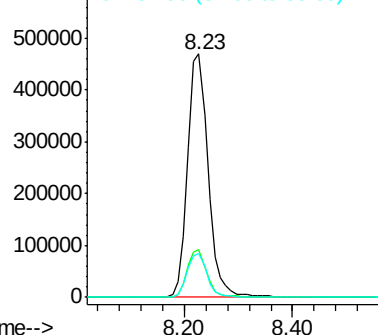
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD063013.D
 Acq: 2 Jul 2019 20:12

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-7

Tot Ion:114 Resp: 1237847
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 18.1 0.0 38.8

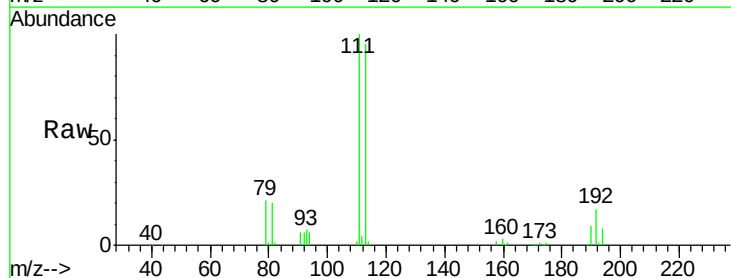


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

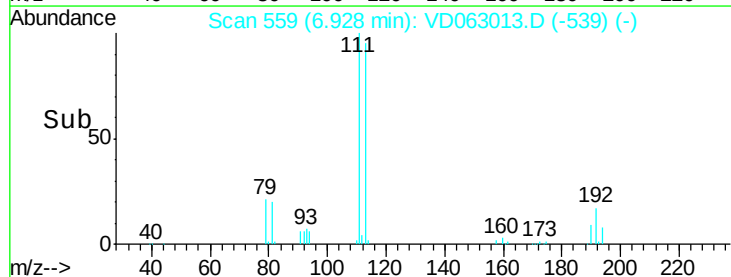
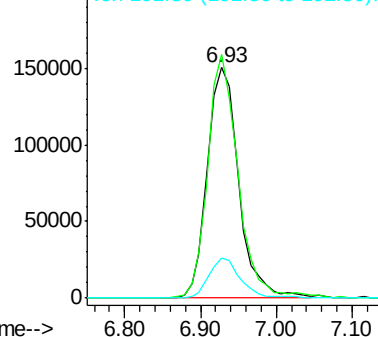


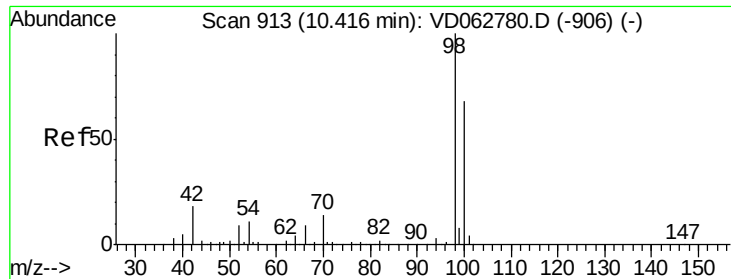
#35
 Dibromofluoromethane
 Concen: 41.454 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD063013.D
 Acq: 2 Jul 2019 20:12

Tgt Ion:113 Resp: 432671
 Ion Ratio Lower Upper
 113 100
 111 105.7 81.2 121.8
 192 17.5 12.9 19.3



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

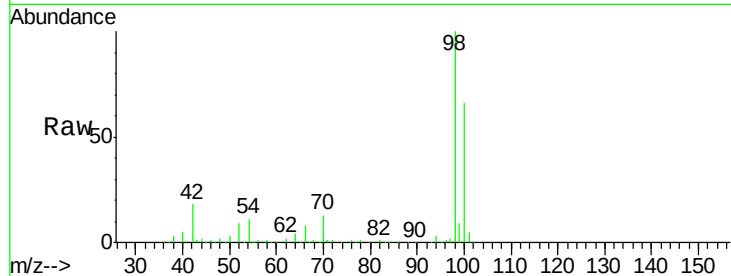




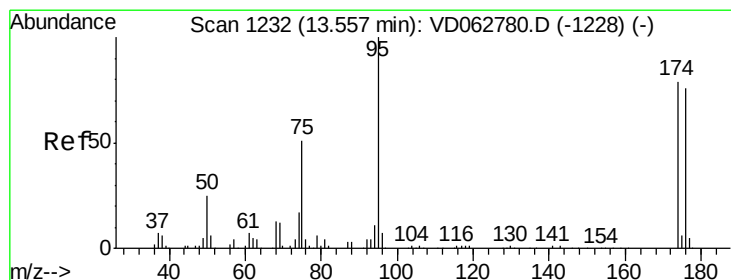
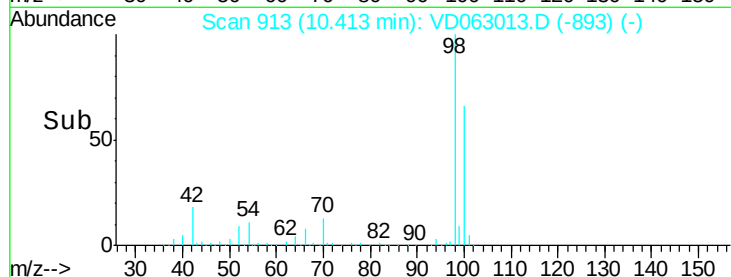
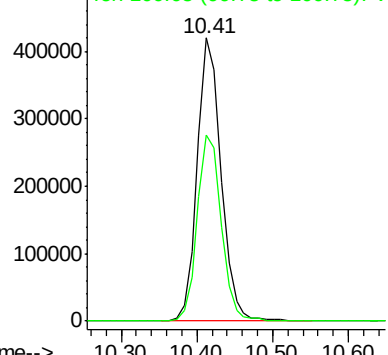
#50
Toluene-d8
Concen: 40.419 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063013.D
Acq: 2 Jul 2019 20:12

Instrument :
MSVOA_D
ClientSampleId :
GP-7

Tot Ion: 98 Resp: 918196
Ion Ratio Lower Upper
98 100
100 65.7 54.7 82.1

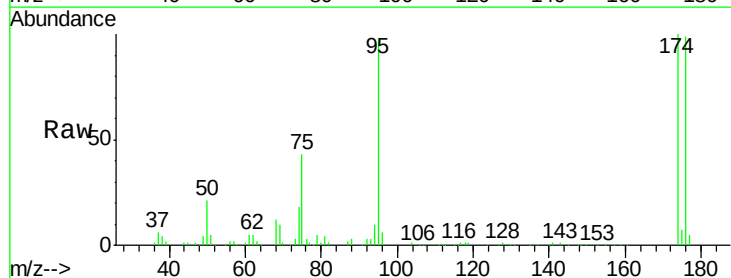


Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD063013.D (-893) (-)

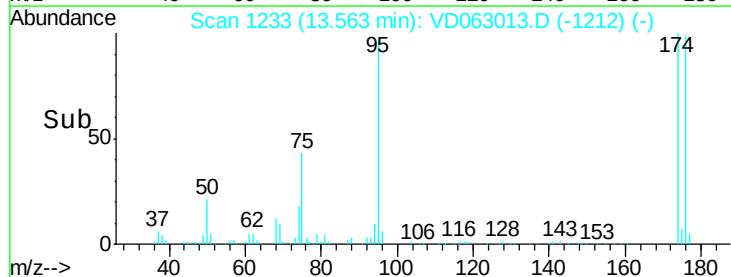
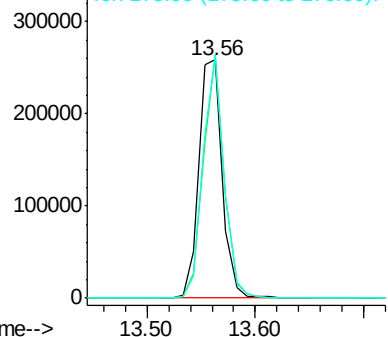


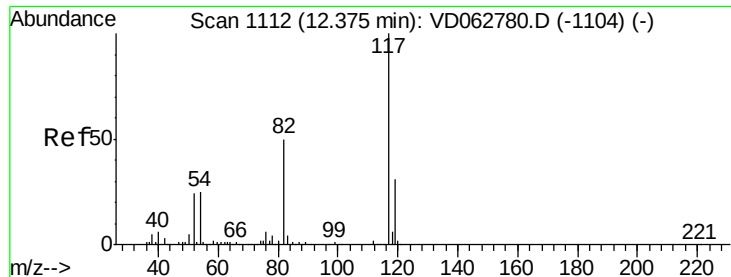
#62
4-Bromofluorobenzene
Concen: 37.624 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063013.D
Acq: 2 Jul 2019 20:12

Tgt Ion: 95 Resp: 388633
Ion Ratio Lower Upper
95 100
174 102.3 0.0 158.0
176 101.8 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD063013.D (-1212) (-)
Ion 175.90 (175.60 to 176.60): VD063013.D (-1212) (-)

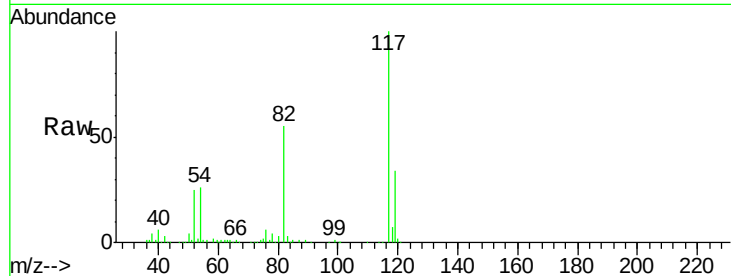




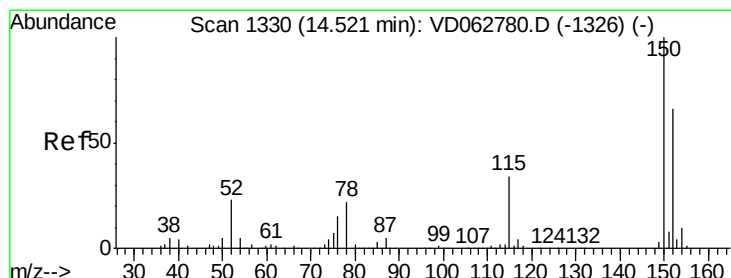
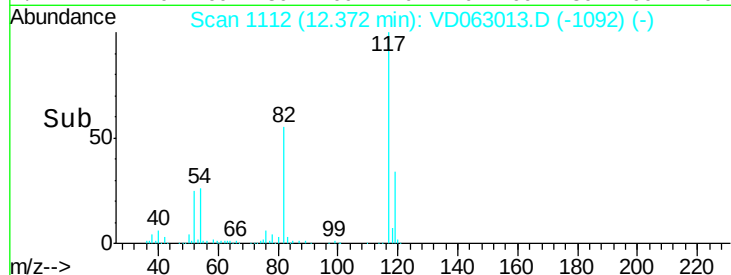
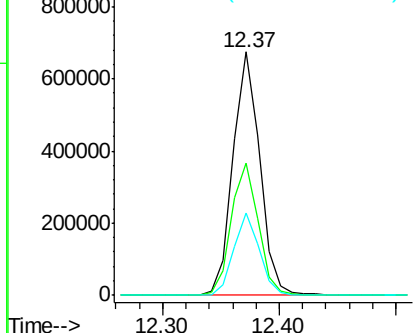
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063013.D
Acq: 2 Jul 2019 20:12

Instrument :
MSVOA_D
ClientSampled :
GP-7

Tot Ion:117 Resp: 1081332
Ion Ratio Lower Upper
117 100
82 54.5 40.4 60.6
119 34.1 25.2 37.8

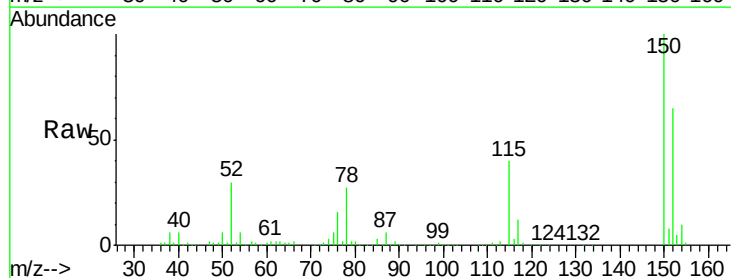


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063013.D
Acq: 2 Jul 2019 20:12

Tgt Ion:152 Resp: 537409
Ion Ratio Lower Upper
152 100
115 62.2 29.2 87.6
150 154.5 0.0 305.8



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

