

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063010.D
 Acq On : 2 Jul 2019 18:49
 Operator : VA/AP
 Sample : K3602-04
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-4

Quant Time: Jul 03 01:31:03 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	7.06	168	996999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1414567	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1076499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	582969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	391440	36.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.24%	
35) Dibromofluoromethane	6.94	113	449853	37.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.44%	
50) Toluene-d8	10.42	98	914911	35.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.48%	
62) 4-Bromofluorobenzene	13.56	95	432402	36.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.26%	

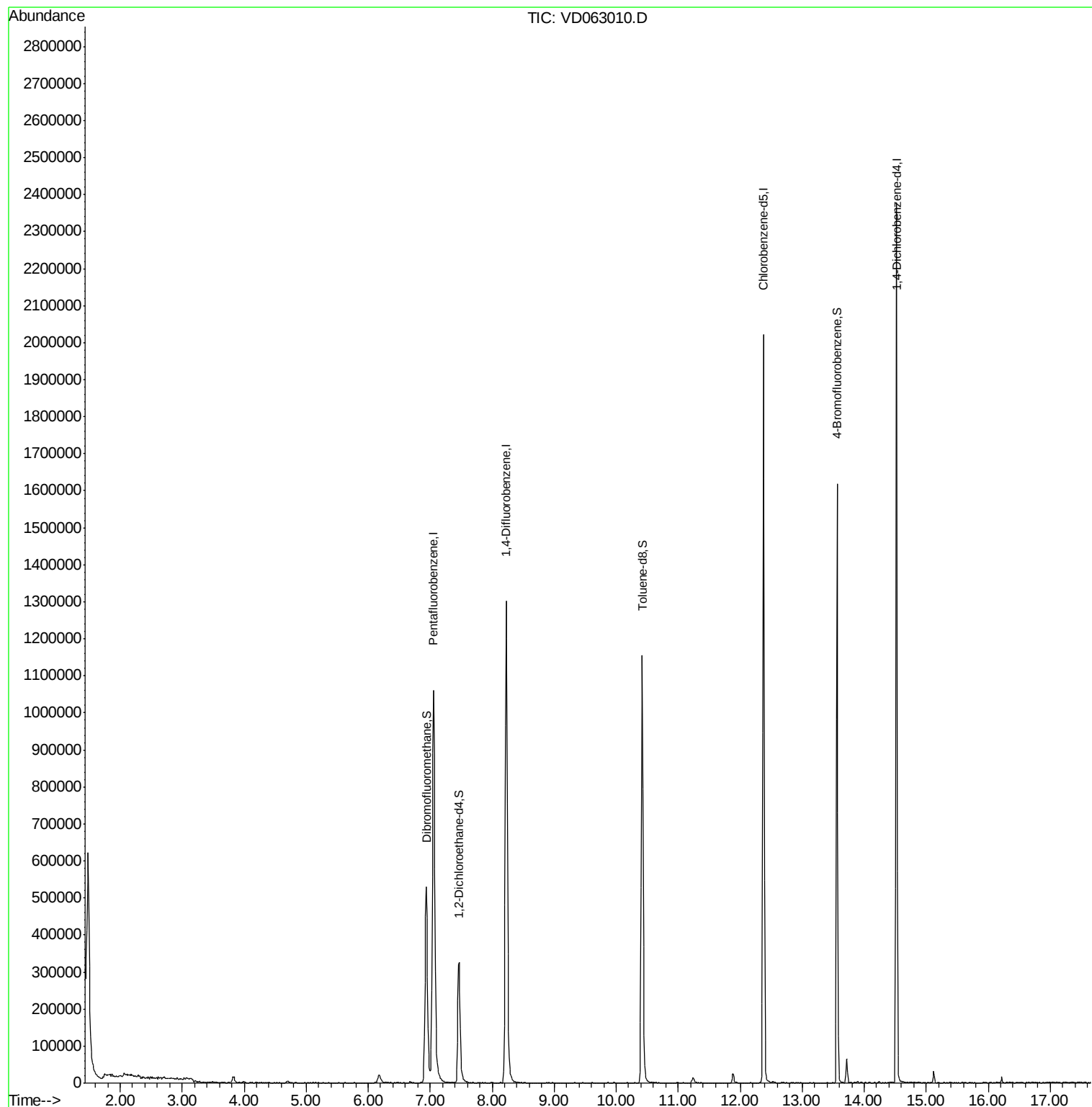
Target Compounds	Qvalue

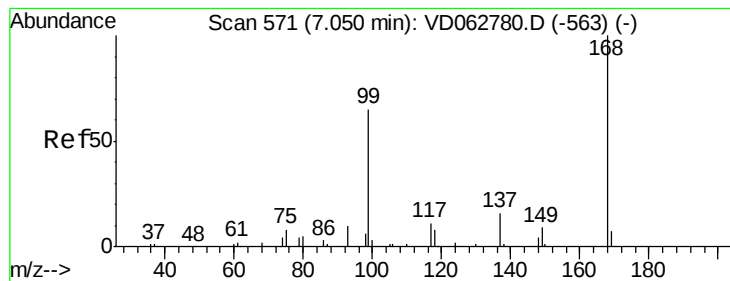
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD063010.D

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MSVOA_D

ClientSampleId :

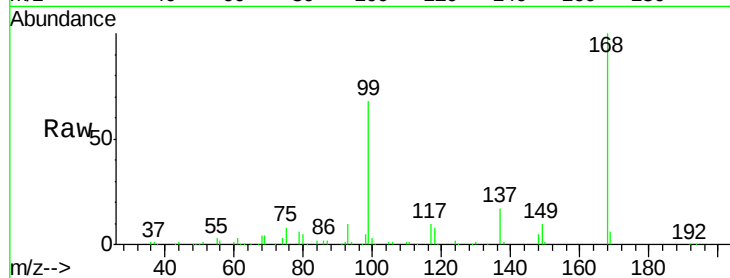
GP-4

Tot Ion:168 Resp: 996999

Ion Ratio Lower Upper

168 100

99 67.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

400000

300000

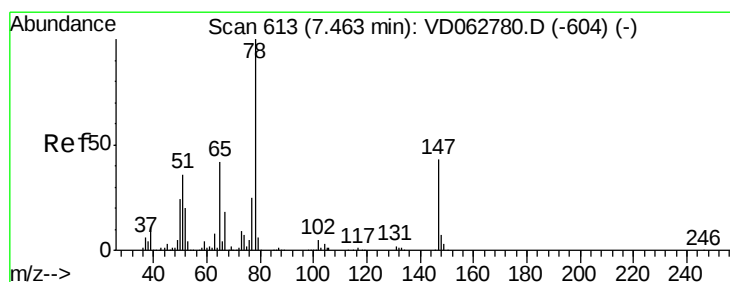
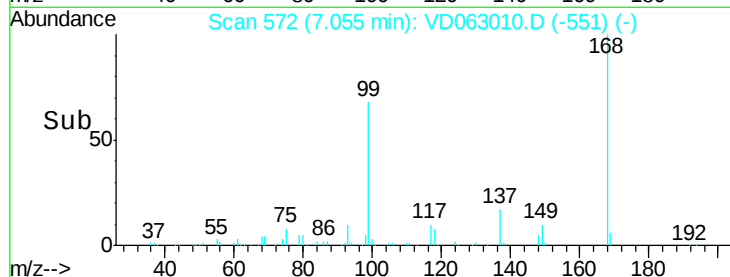
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 36.120 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD063010.D

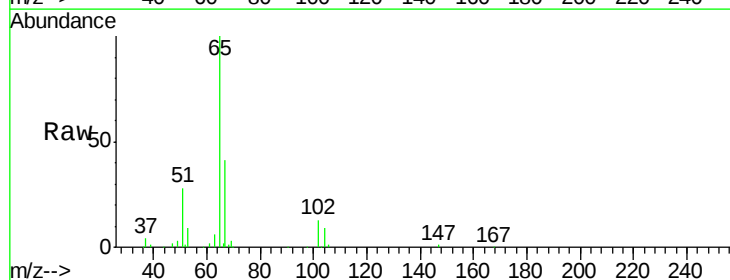
Acq: 2 Jul 2019 18:49

Tgt Ion: 65 Resp: 391440

Ion Ratio Lower Upper

65 100

67 41.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

150000

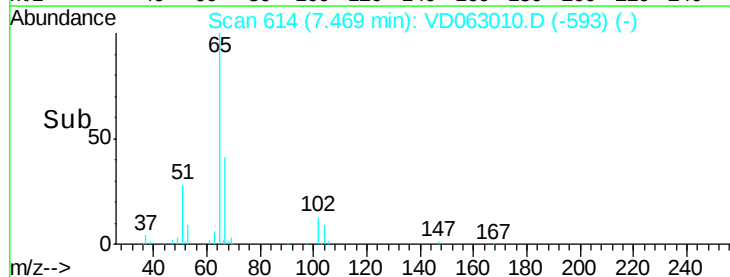
100000

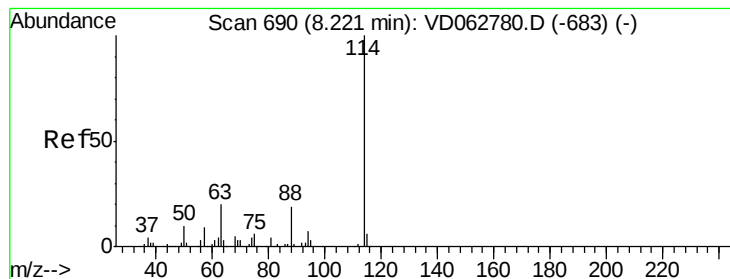
50000

0

7.30 7.40 7.50 7.60 7.70

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

Instrument :

MSVOA_D

ClientSampleId :

GP-4

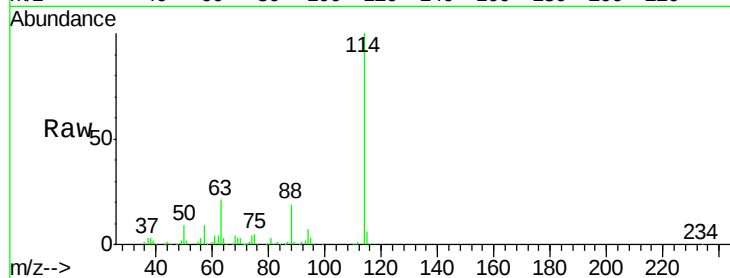
Tot Ion:114 Resp: 1414567

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

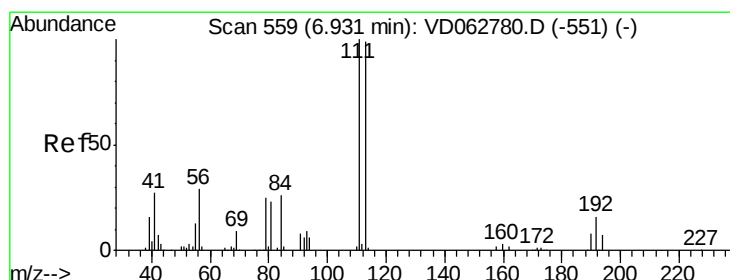
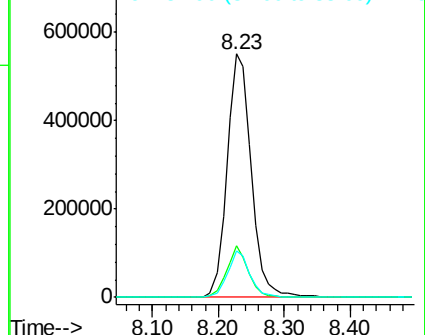
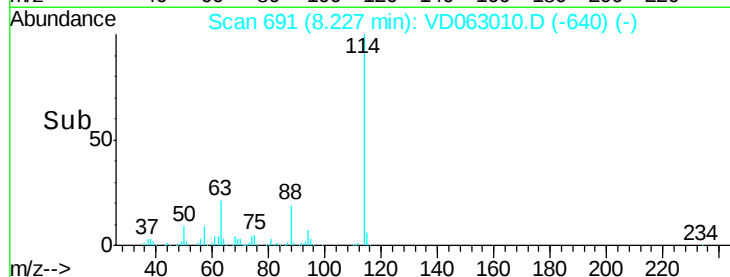
88 19.0 0.0 38.8



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: 37.715 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

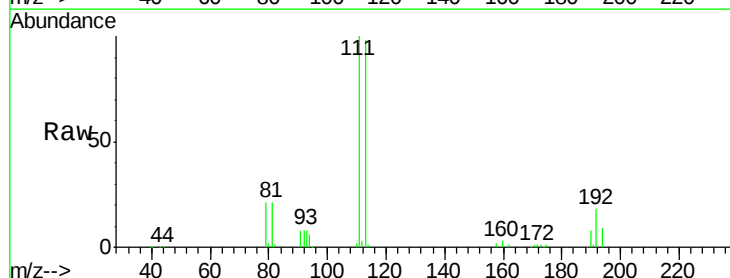
Tgt Ion:113 Resp: 449853

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

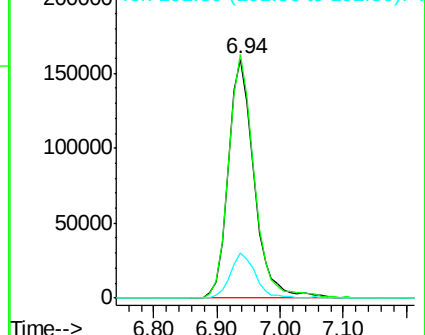
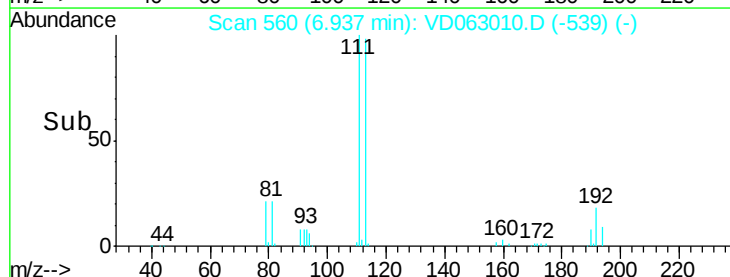
192 18.8 12.9 19.3

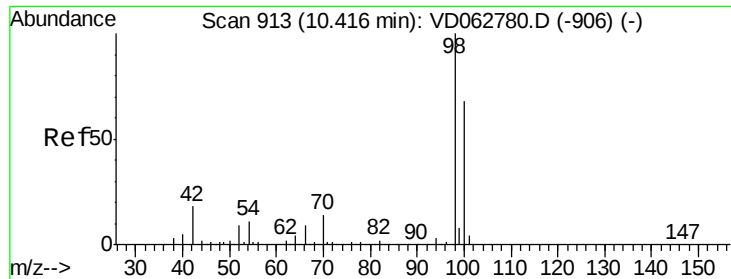


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

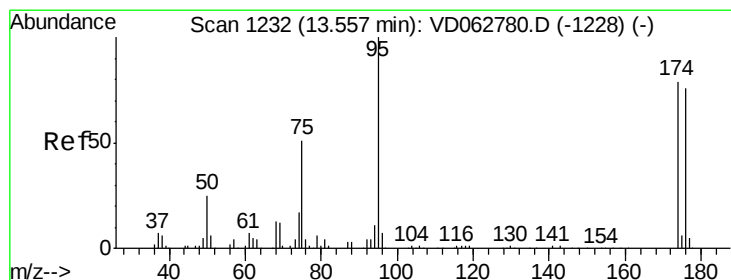
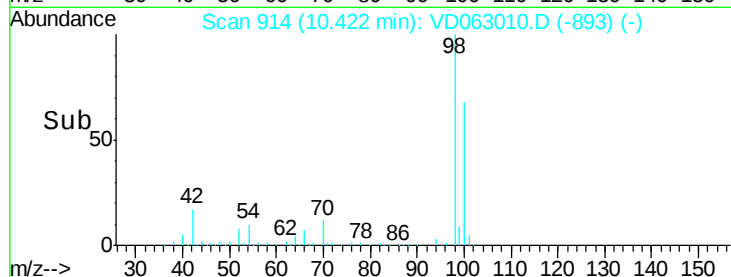
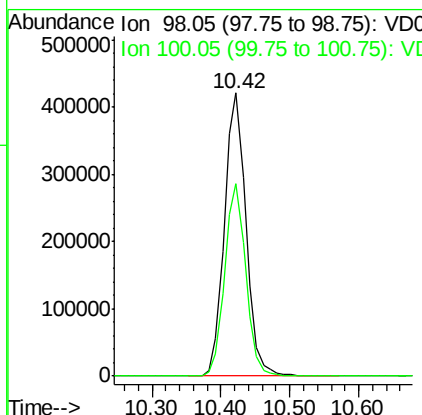
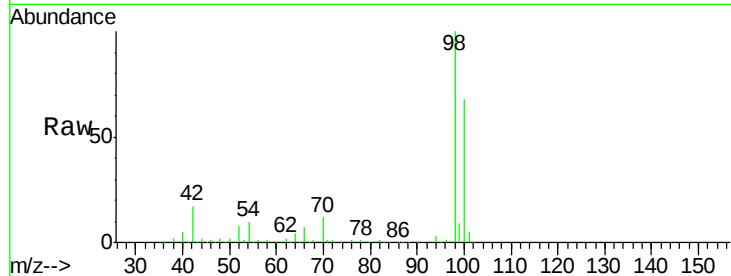




#50
Toluene-d8
Concen: 35.243 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

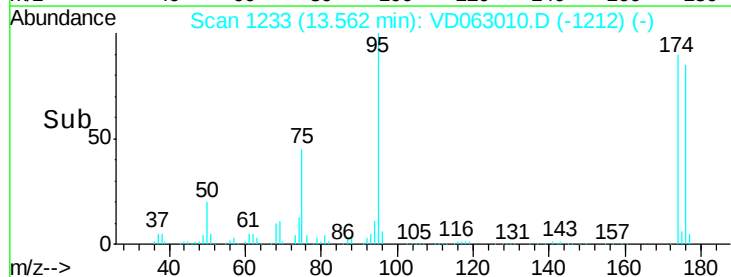
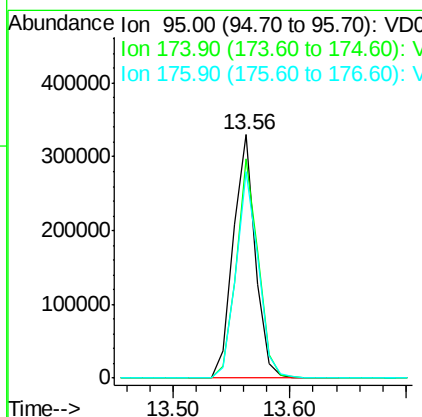
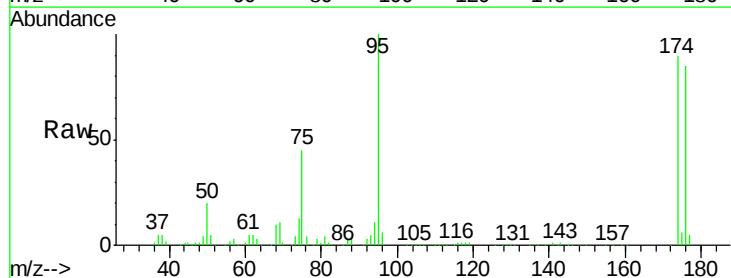
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GP-4

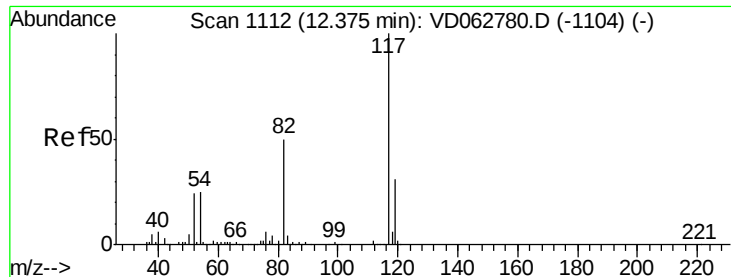
Tot Ion: 98 Resp: 914911
Ion Ratio Lower Upper
98 100
100 68.0 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 36.631 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

Tgt Ion: 95 Resp: 432402
Ion Ratio Lower Upper
95 100
174 90.0 0.0 158.0
176 85.0 0.0 151.6

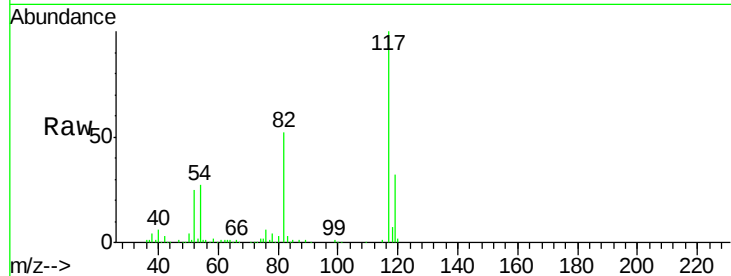




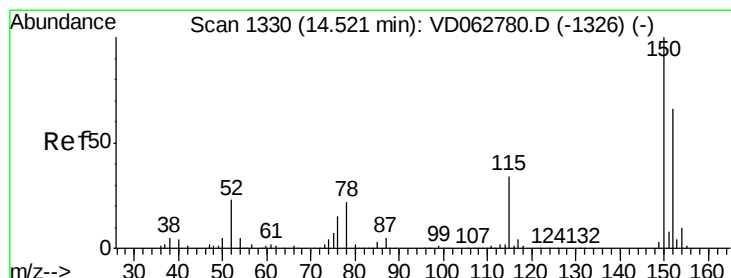
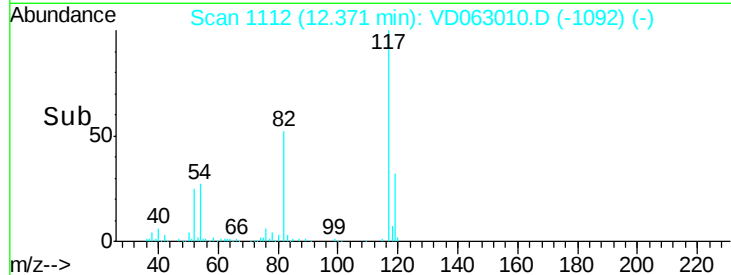
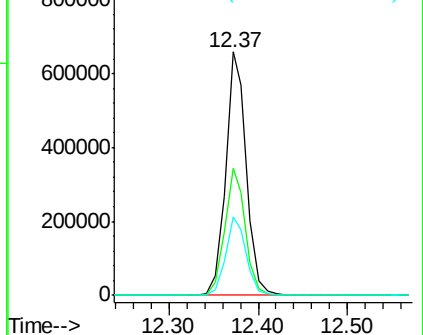
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

Instrument :
MSVOA_D
ClientSampleId :
GP-4

Tot Ion:117 Resp: 1076499
Ion Ratio Lower Upper
117 100
82 52.0 40.4 60.6
119 32.4 25.2 37.8

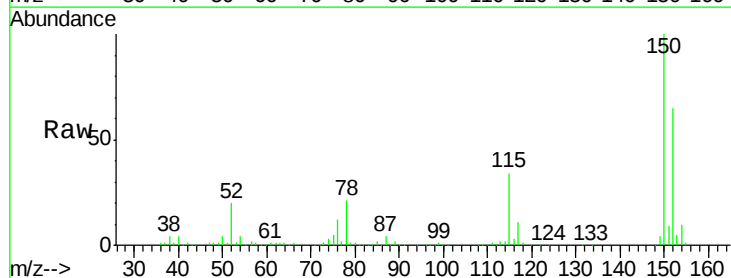


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

Tgt Ion:152 Resp: 582969
Ion Ratio Lower Upper
152 100
115 52.0 29.2 87.6
150 153.7 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

