

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063008.D
 Acq On : 2 Jul 2019 17:55
 Operator : VA/AP
 Sample : K3602-02
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-2

Quant Time: Jul 03 01:27:28 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	967289	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1375522	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	1089532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	567950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	408173	38.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.64%	
35) Dibromofluoromethane	6.94	113	454033	39.15	ug/l	0.01
Spiked Amount	50.000		Recovery	=	78.30%	
50) Toluene-d8	10.42	98	945042	37.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.88%	
62) 4-Bromofluorobenzene	13.56	95	420753	36.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.32%	

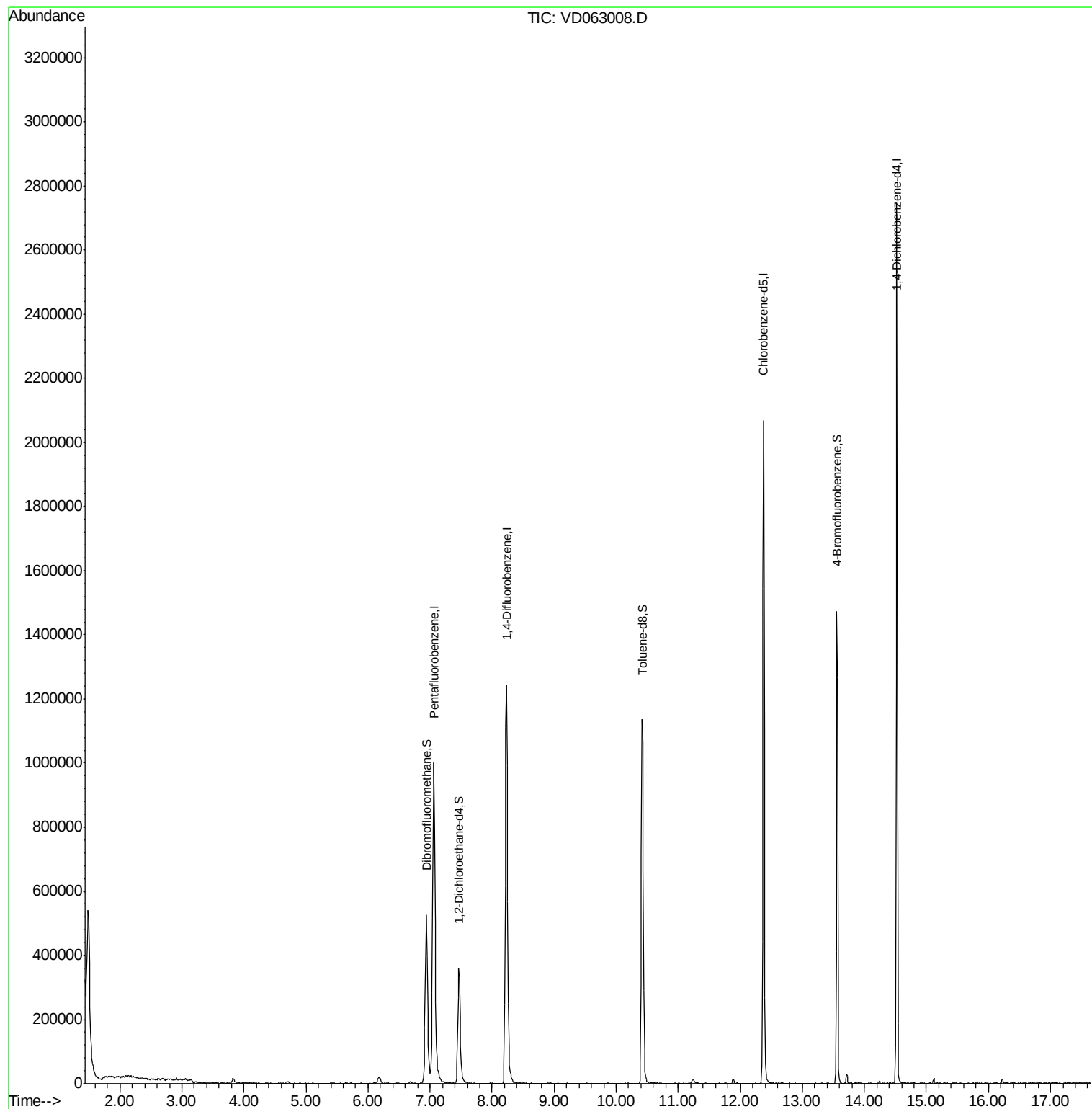
Target Compounds	Qvalue

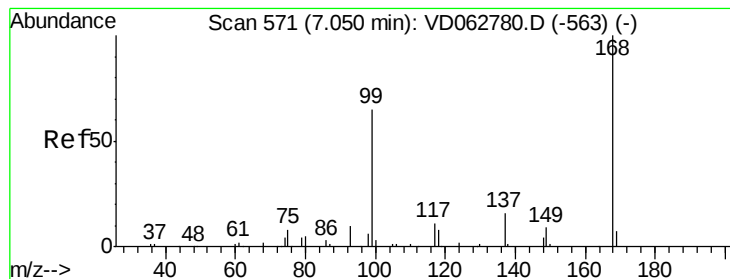
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063008.D

Acq: 2 Jul 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

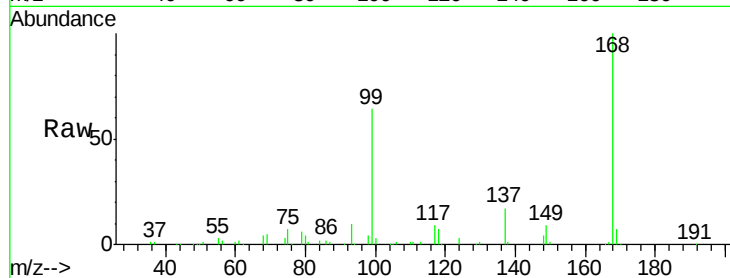
GP-2

Tot Ion:168 Resp: 967289

Ion Ratio Lower Upper

168 100

99 64.2 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

300000

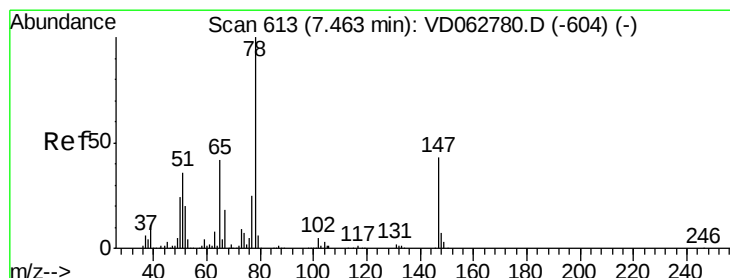
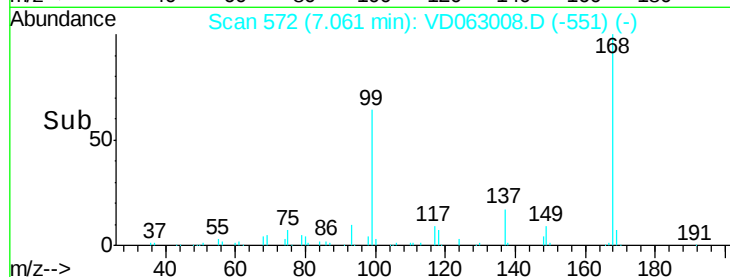
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 38.821 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD063008.D

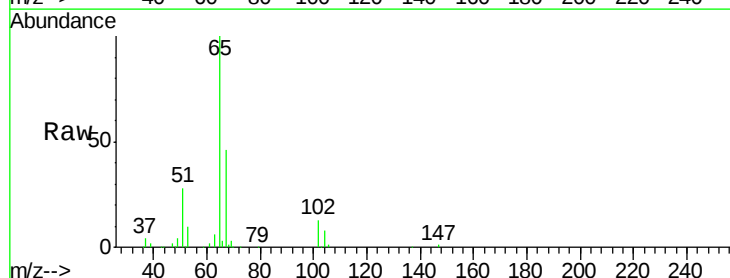
Acq: 2 Jul 2019 17:55

Tgt Ion: 65 Resp: 408173

Ion Ratio Lower Upper

65 100

67 46.3 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

150000

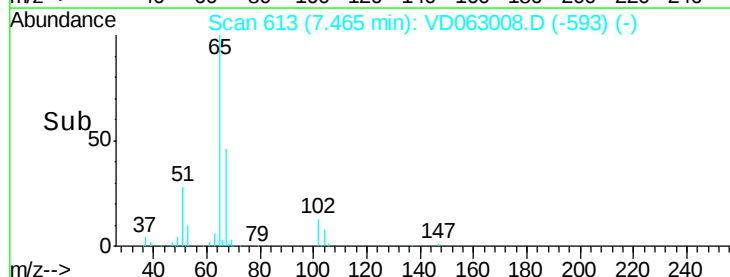
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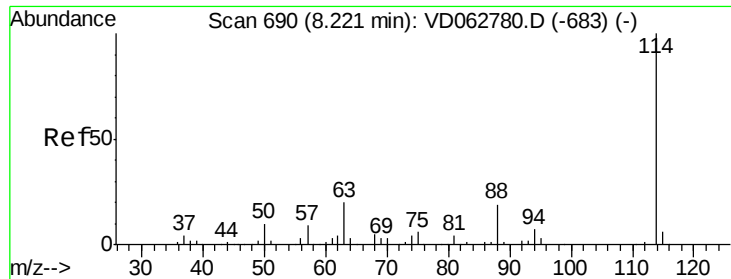
50000

0

Time-->

7.30 7.40 7.50 7.60 7.70

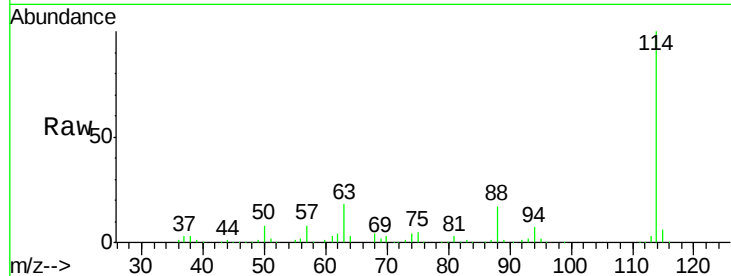




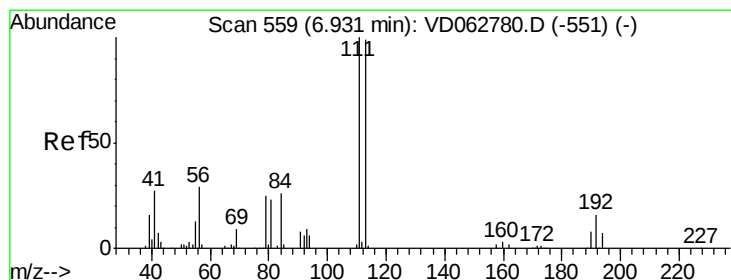
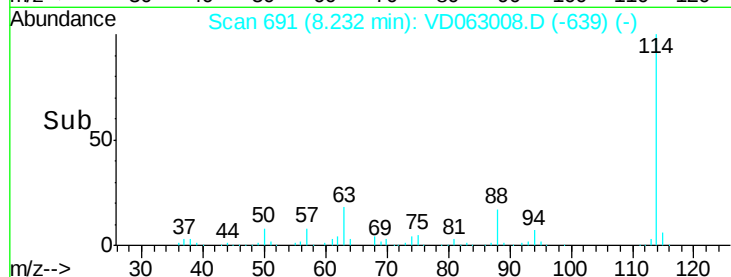
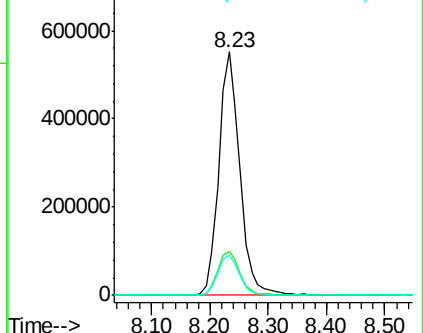
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD063008.D
 Acq: 2 Jul 2019 17:55

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-2

Tot Ion:114 Resp: 1375522
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 40.0
 88 16.6 0.0 38.8

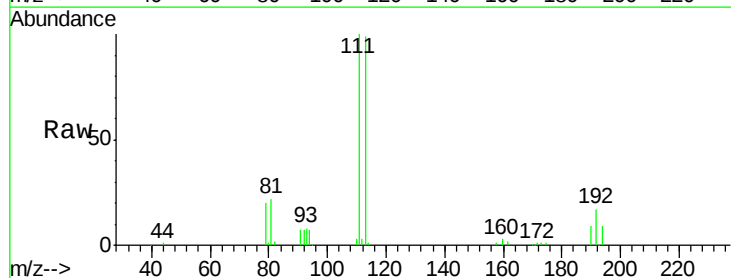


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

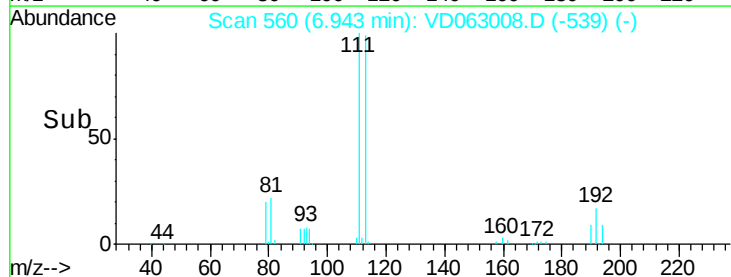
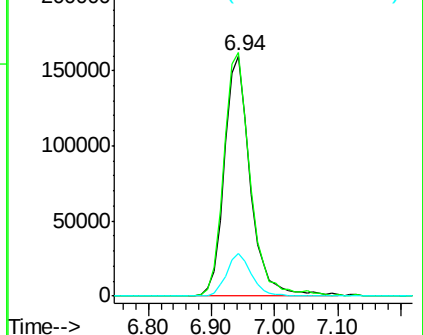


#35
 Dibromofluoromethane
 Concen: 39.146 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD063008.D
 Acq: 2 Jul 2019 17:55

Tgt Ion:113 Resp: 454033
 Ion Ratio Lower Upper
 113 100
 111 101.4 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

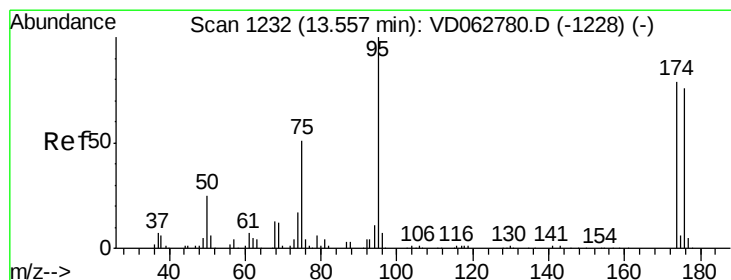
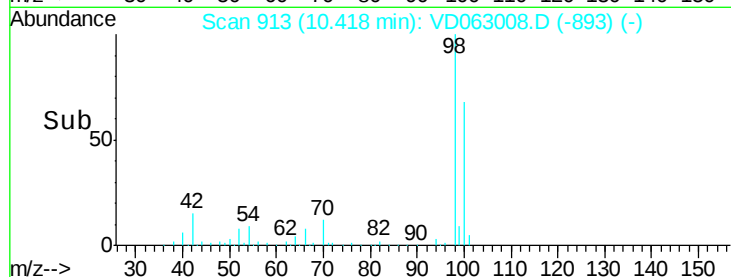
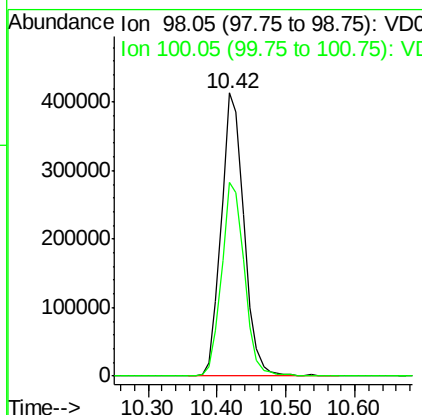
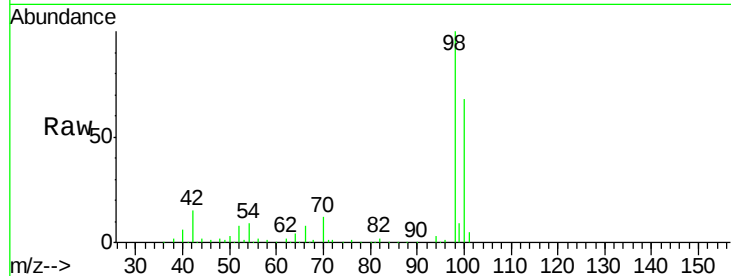




#50
Toluene-d8
Concen: 37.437 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD063008.D
Acq: 2 Jul 2019 17:55

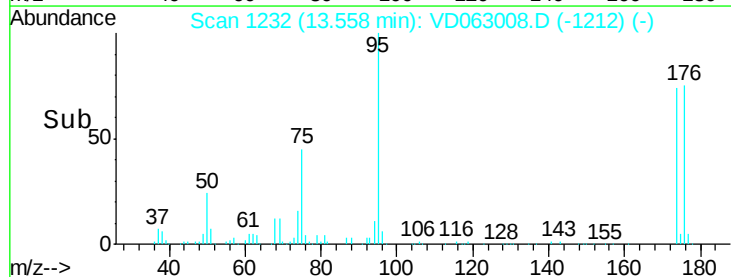
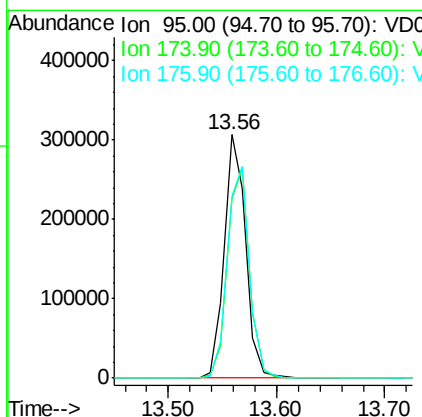
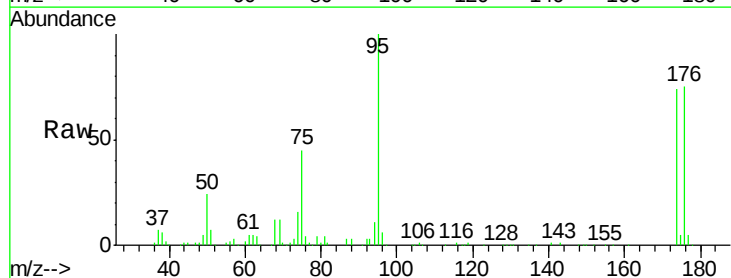
Instrument :
MSVOA_D
ClientSampleId :
GP-2

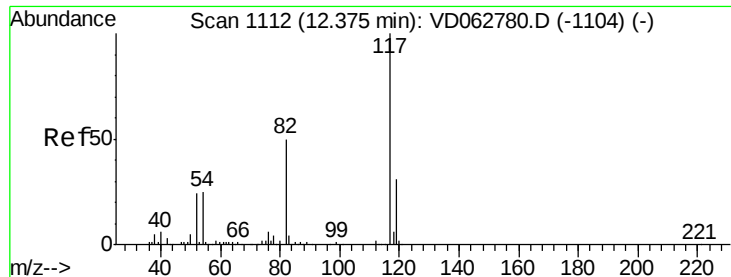
Tot Ion: 98 Resp: 945042
Ion Ratio Lower Upper
98 100
100 68.5 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 36.656 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063008.D
Acq: 2 Jul 2019 17:55

Tgt Ion: 95 Resp: 420753
Ion Ratio Lower Upper
95 100
174 73.9 0.0 158.0
176 74.8 0.0 151.6

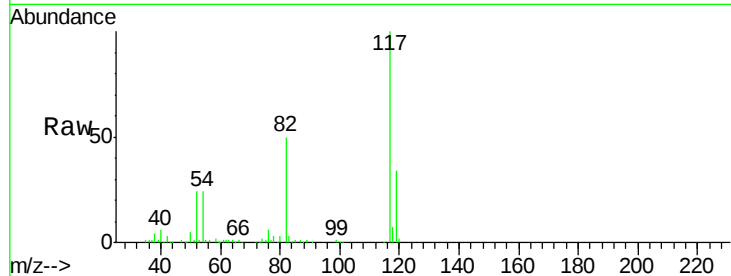




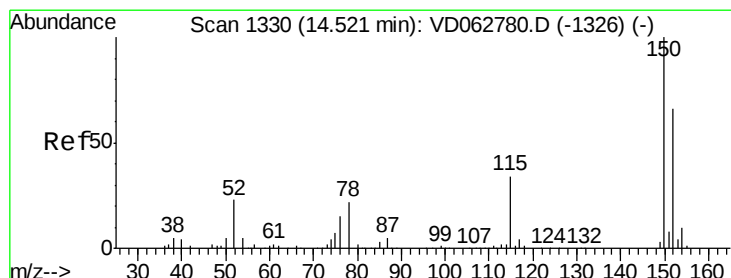
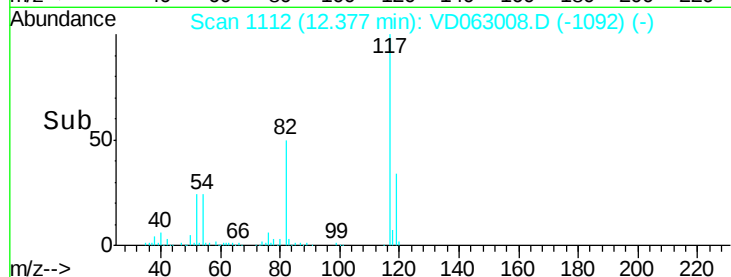
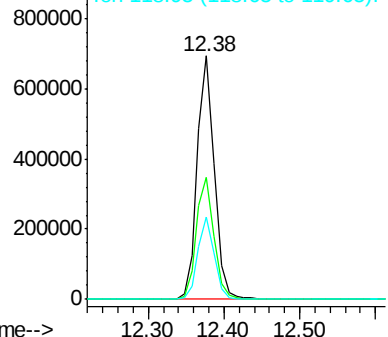
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD063008.D
Acq: 2 Jul 2019 17:55

Instrument :
MSVOA_D
ClientSampled :
GP-2

Tot Ion:117 Resp: 1089532
Ion Ratio Lower Upper
117 100
82 50.0 40.4 60.6
119 33.6 25.2 37.8

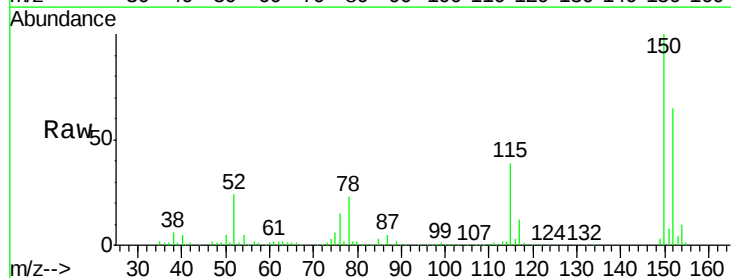


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063008.D
Acq: 2 Jul 2019 17:55

Tgt Ion:152 Resp: 567950
Ion Ratio Lower Upper
152 100
115 59.1 29.2 87.6
150 152.8 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

