

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065451.D
 Acq On : 09 Mar 2020 15:51
 Operator : VA/SY
 Sample : L1844-07
 Misc : 8.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-20-030520

Quant Time: Mar 10 12:52:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	507085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	903720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	828748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	275538	63.35	ug/l	0.00
Spiked Amount			Recovery	=	126.70%	
35) Dibromofluoromethane	7.92	113	297936	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
50) Toluene-d8	10.34	98	1090272	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.64	95	312650	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	

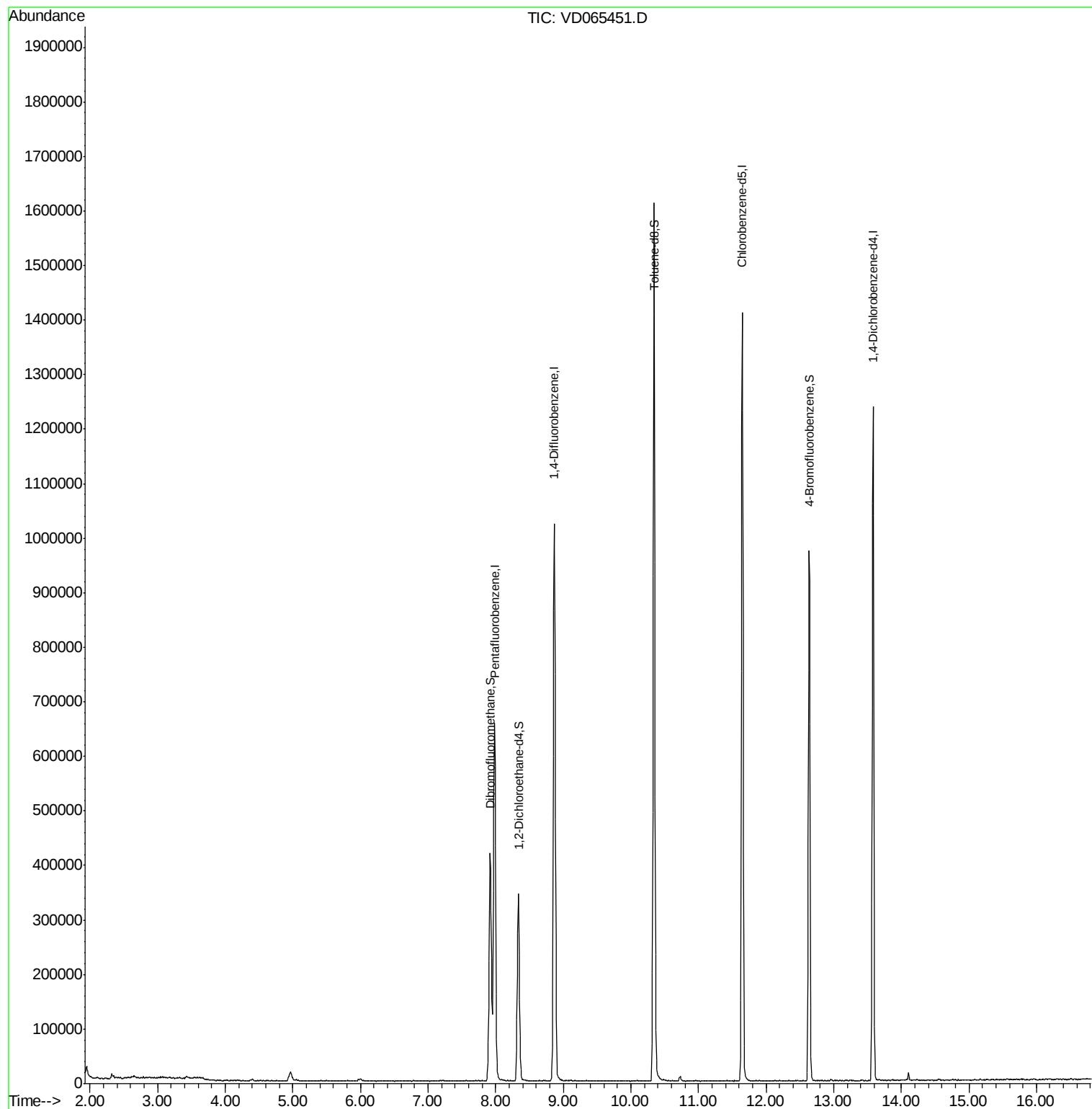
Target Compounds	Qvalue
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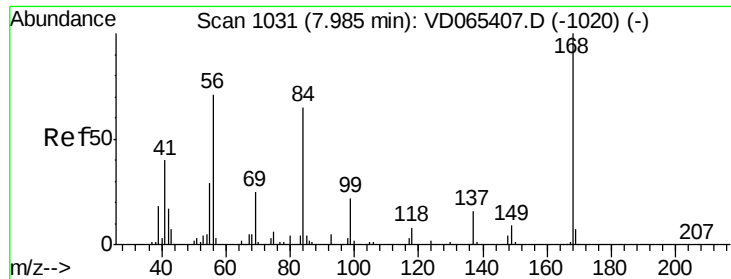
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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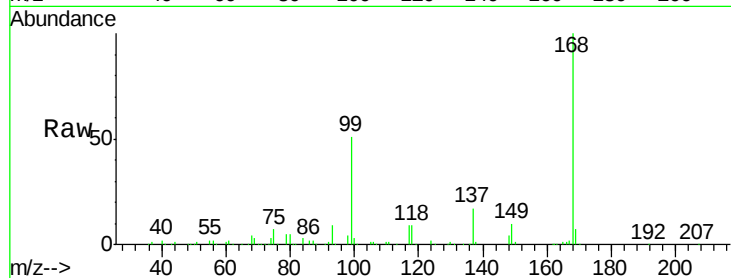




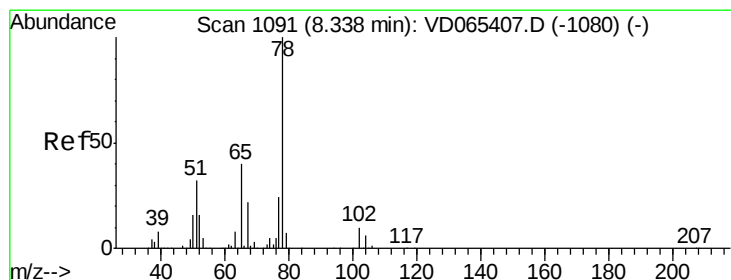
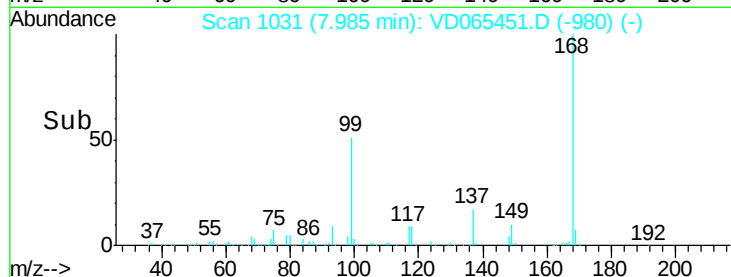
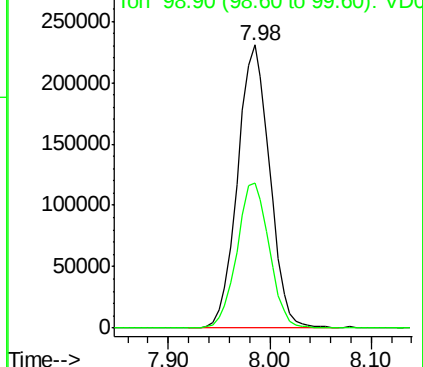
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065451.D
Acq: 09 Mar 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
GP-20-030520

Tot Ion:168 Resp: 507085
Ion Ratio Lower Upper
168 100
99 51.5 41.5 62.3

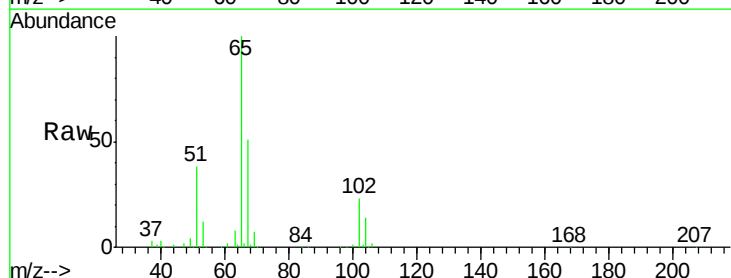


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

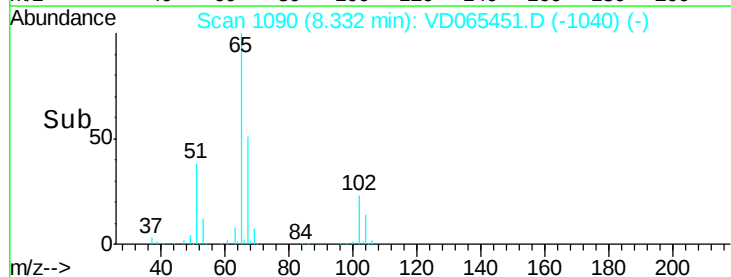
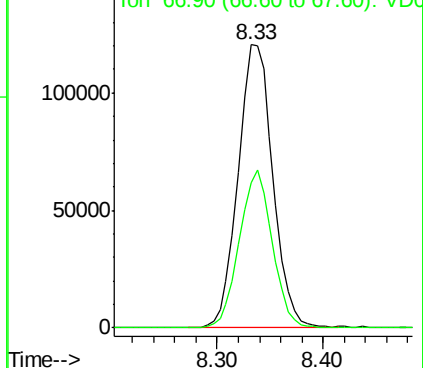


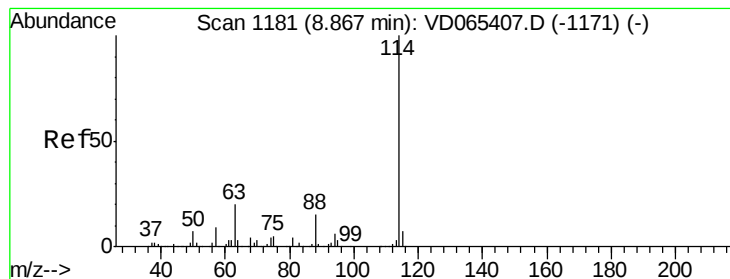
#33
1,2-Dichloroethane-d4
Concen: 63.345 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065451.D
Acq: 09 Mar 2020 15:51

Tgt Ion: 65 Resp: 275538
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065451.D

Acq: 09 Mar 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

GP-20-030520

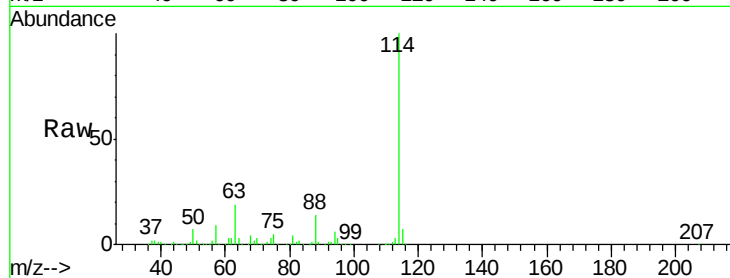
Tot Ion:114 Resp: 903720

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 14.1 0.0 30.4



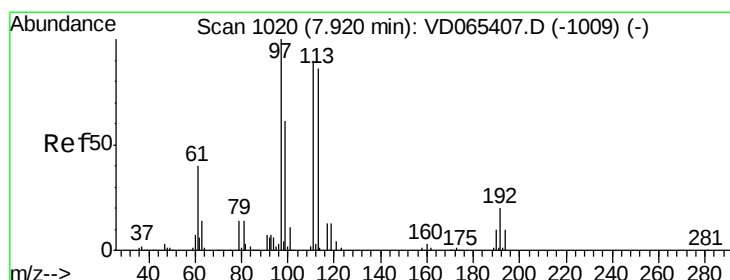
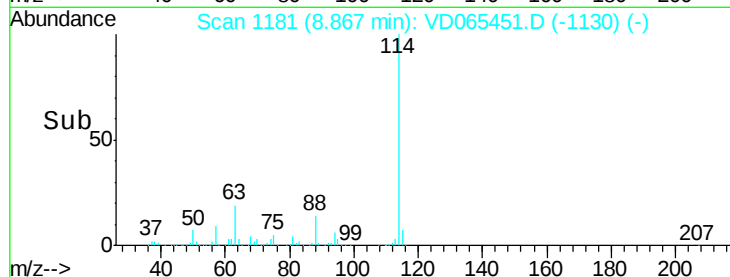
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.87

Time-->



#35

Dibromofluoromethane

Concen: 53.311 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065451.D

Acq: 09 Mar 2020 15:51

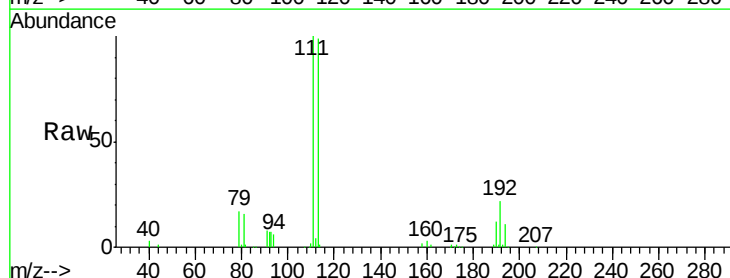
Tgt Ion:113 Resp: 297936

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 22.3 17.2 25.8



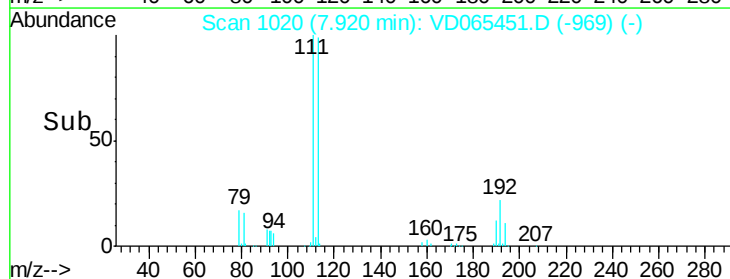
Abundance Ion 112.80 (112.50 to 113.50): V

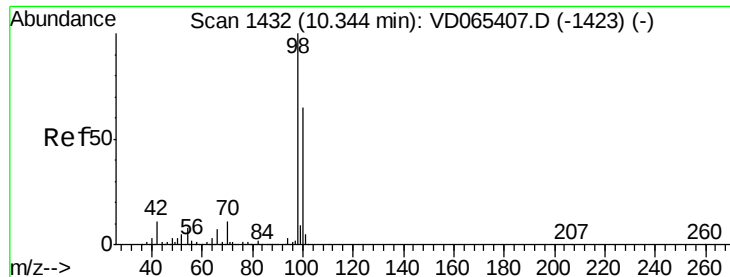
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.92

Time-->

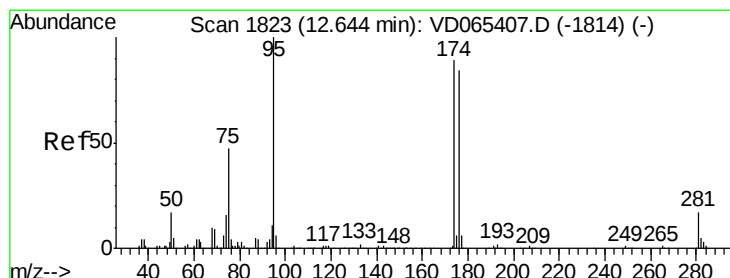
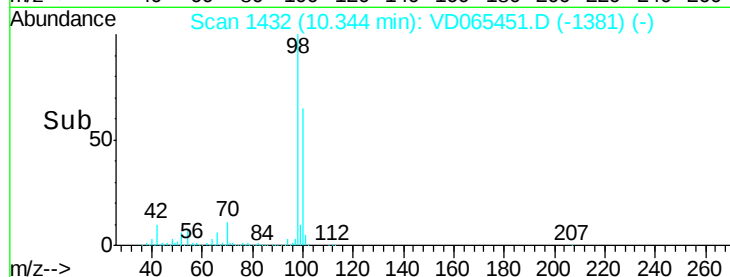
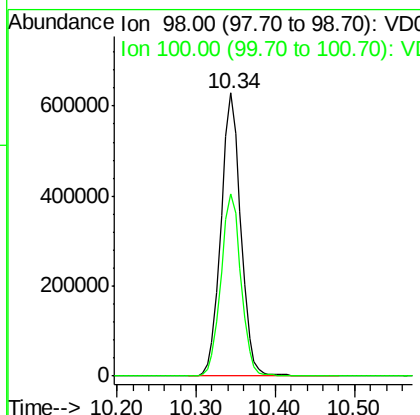
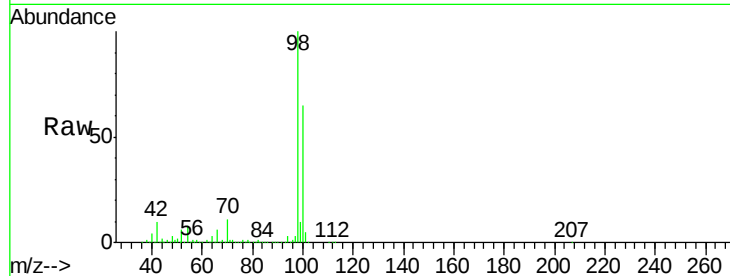




#50
Toluene-d8
Concen: 50.852 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065451.D
Acq: 09 Mar 2020 15:51

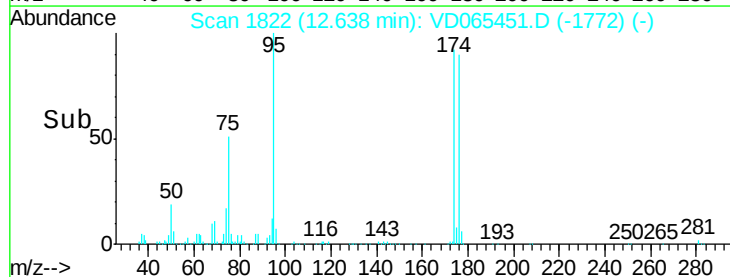
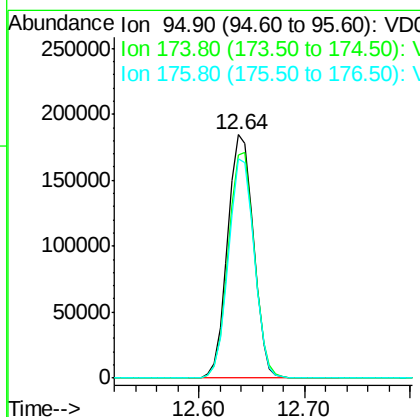
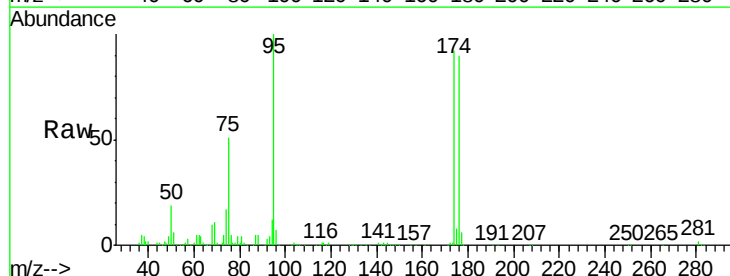
Instrument :
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GP-20-030520

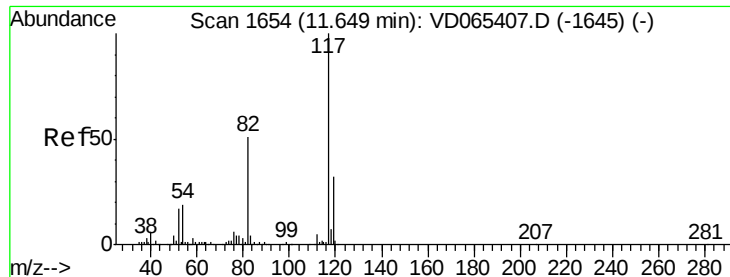
Tot Ion: 98 Resp: 1090272
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.237 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065451.D
Acq: 09 Mar 2020 15:51

Tgt Ion: 95 Resp: 312650
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.8
176 89.1 0.0 171.4

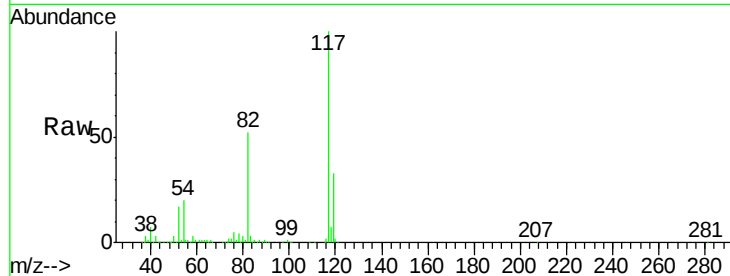




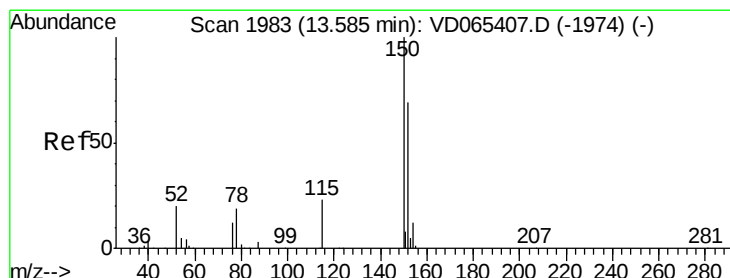
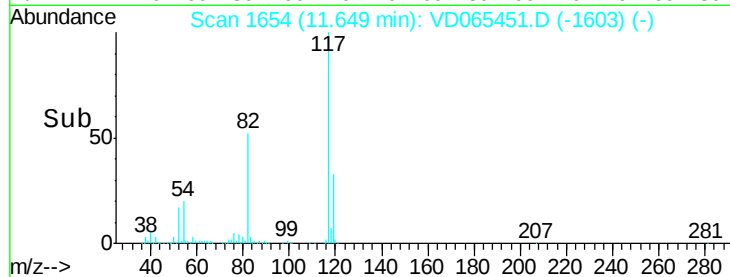
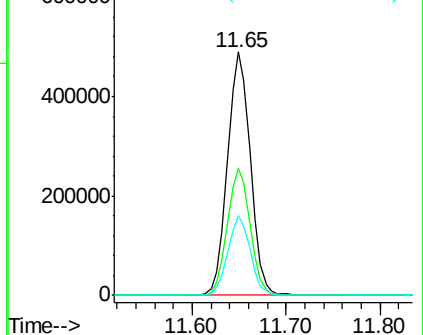
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065451.D
Acq: 09 Mar 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
GP-20-030520

Tot Ion:117 Resp: 828748
Ion Ratio Lower Upper
117 100
82 52.2 40.6 60.8
119 32.5 25.4 38.2

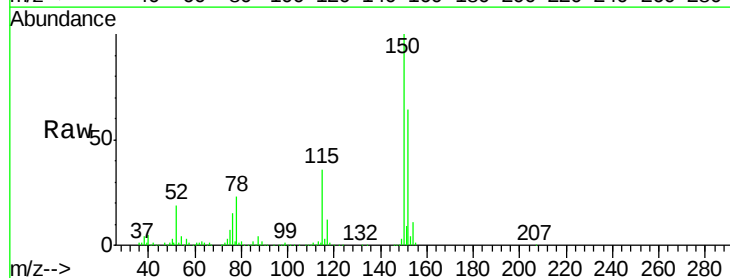


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065451.D
Acq: 09 Mar 2020 15:51

Tgt Ion:152 Resp: 340803
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 158.1 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

