

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065449.D
 Acq On : 09 Mar 2020 14:54
 Operator : VA/SY
 Sample : L1844-05
 Misc : 7.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-18-030520

Quant Time: Mar 10 12:50:58 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	532033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	914922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	851462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395356	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	268778	58.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.78%	
35) Dibromofluoromethane	7.92	113	298065	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.34	98	1121086	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.64	95	341666	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

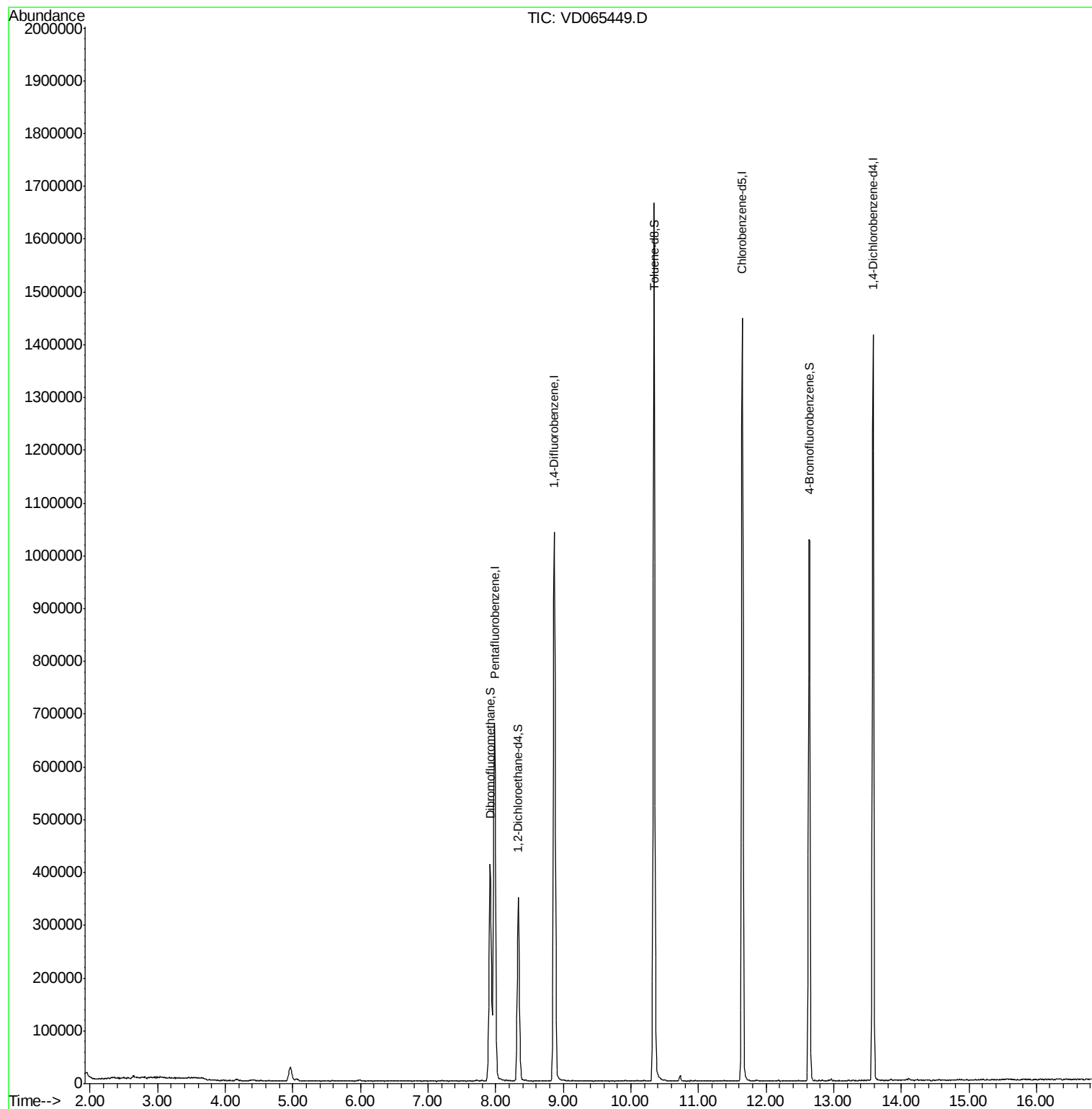
Target Compounds	Qvalue

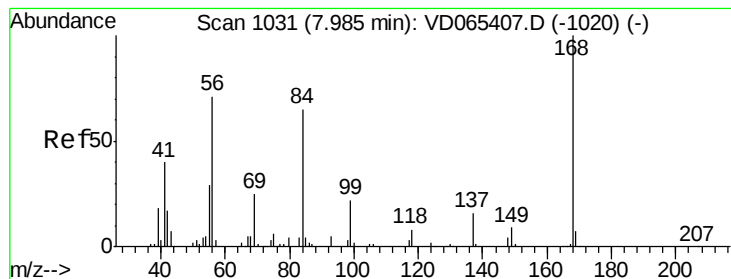
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065449.D

Acq: 09 Mar 2020 14:54

Instrument :

MSVOA_D

ClientSampleId :

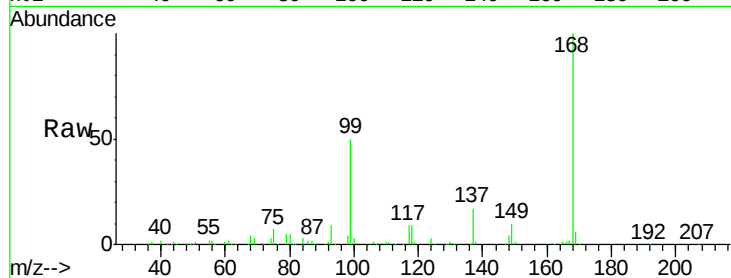
GP-18-030520

Tot Ion:168 Resp: 532033

Ion Ratio Lower Upper

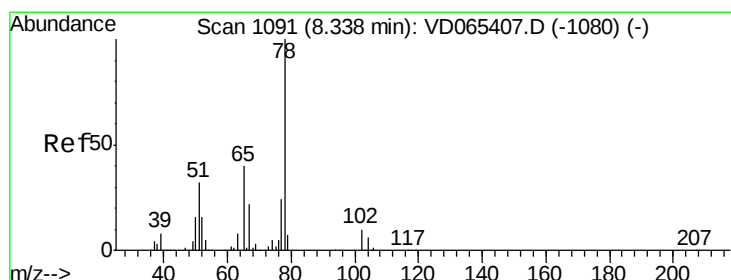
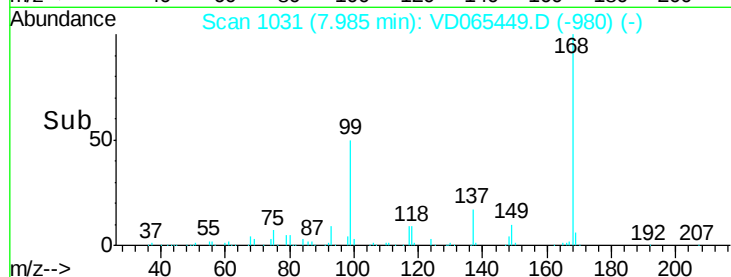
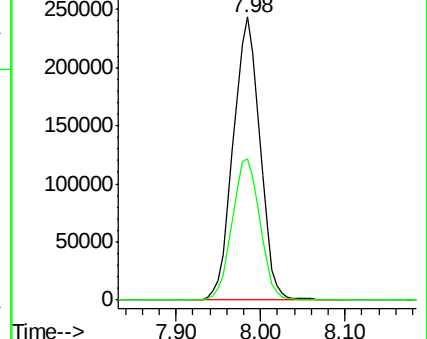
168 100

99 50.1 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: 58.894 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065449.D

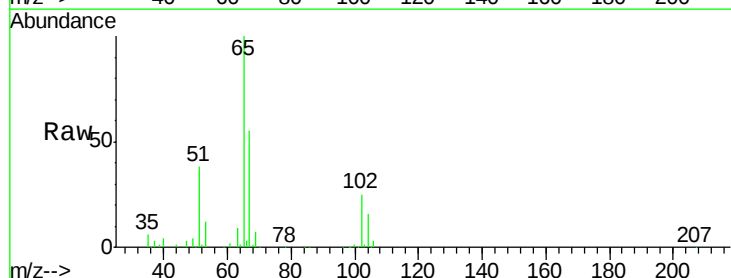
Acq: 09 Mar 2020 14:54

Tgt Ion: 65 Resp: 268778

Ion Ratio Lower Upper

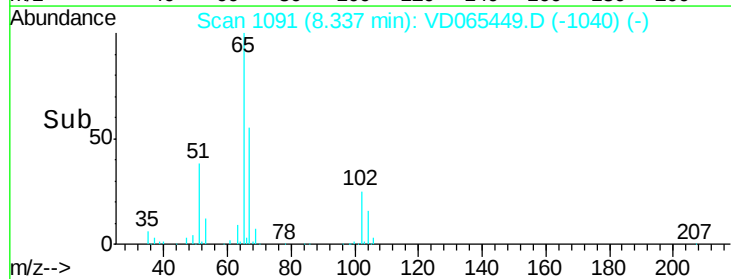
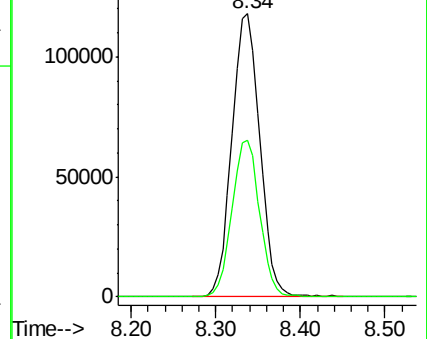
65 100

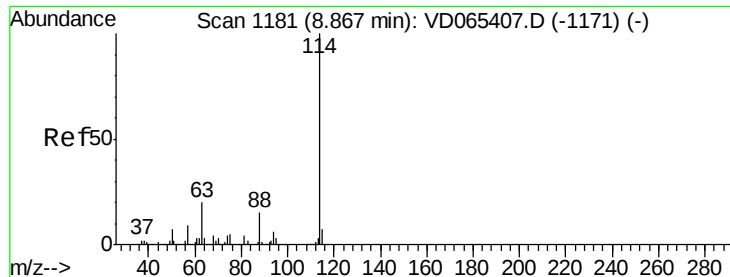
67 54.6 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

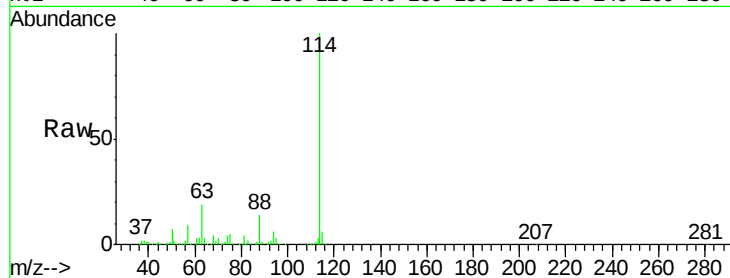




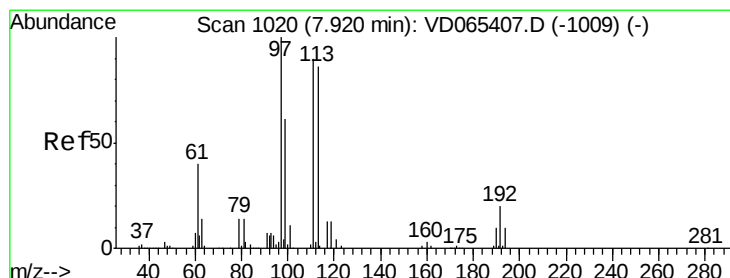
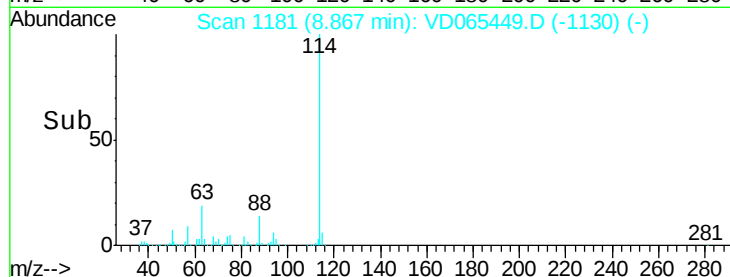
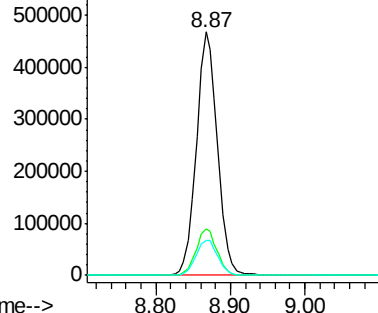
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065449.D
 Acq: 09 Mar 2020 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-18-030520

Tot Ion:114 Resp: 914922
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 14.2 0.0 30.4

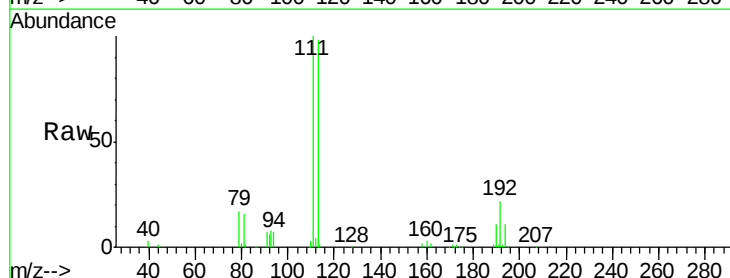


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

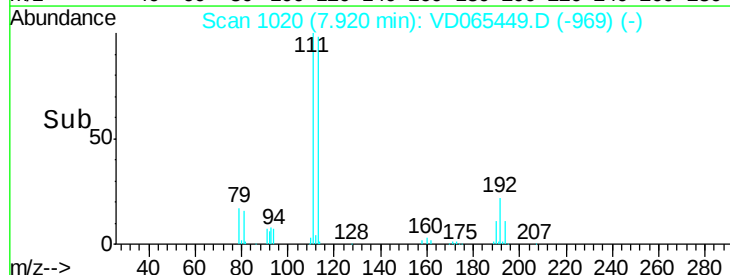
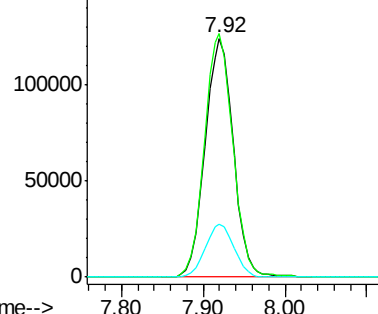


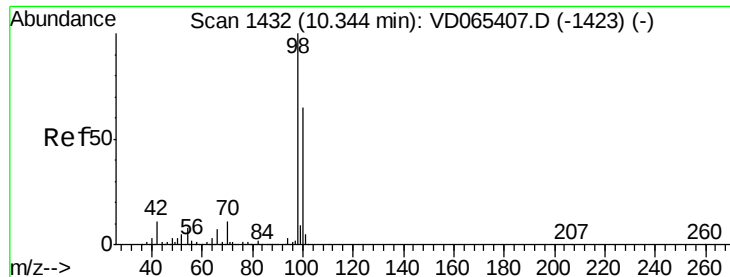
#35
 Dibromofluoromethane
 Concen: 52.681 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065449.D
 Acq: 09 Mar 2020 14:54

Tgt Ion:113 Resp: 298065
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.1 123.1
 192 22.4 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

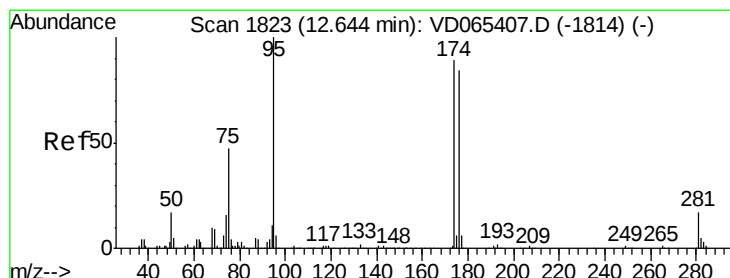
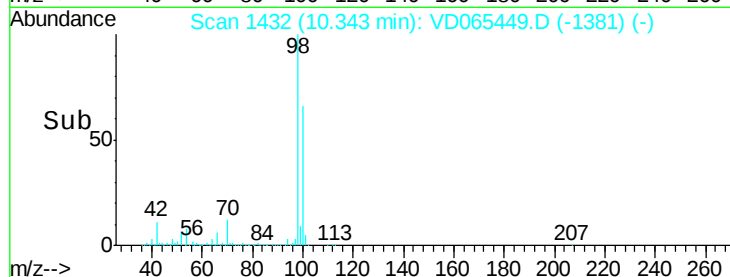
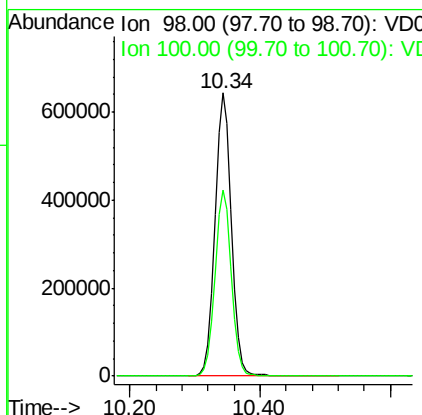
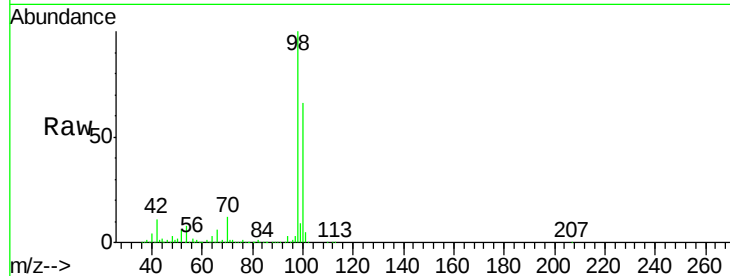




#50
Toluene-d8
Concen: 51.649 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065449.D
Acq: 09 Mar 2020 14:54

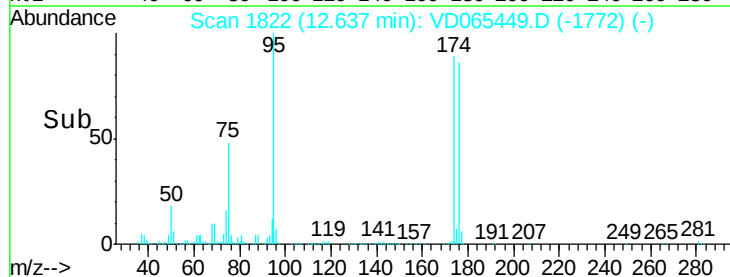
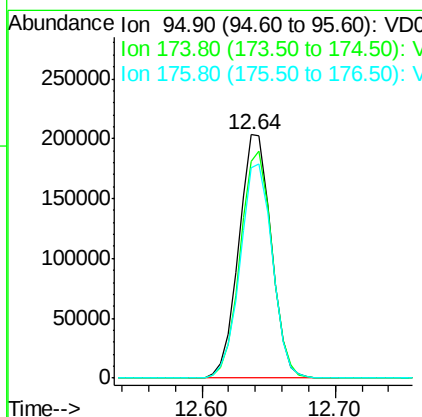
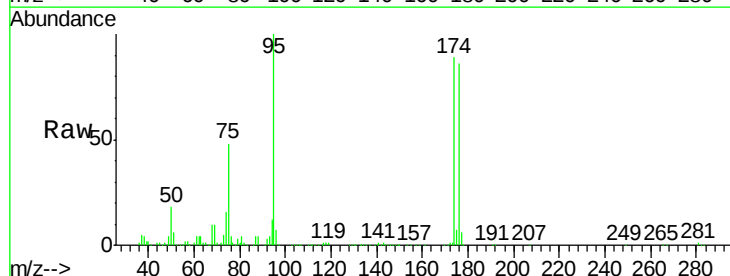
Instrument :
MSVOA_D
ClientSampleId :
GP-18-030520

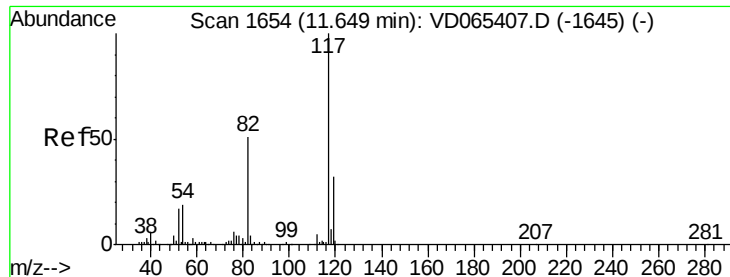
Tot Ion: 98 Resp: 1121086
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.989 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065449.D
Acq: 09 Mar 2020 14:54

Tgt Ion: 95 Resp: 341666
Ion Ratio Lower Upper
95 100
174 91.0 0.0 176.8
176 87.1 0.0 171.4

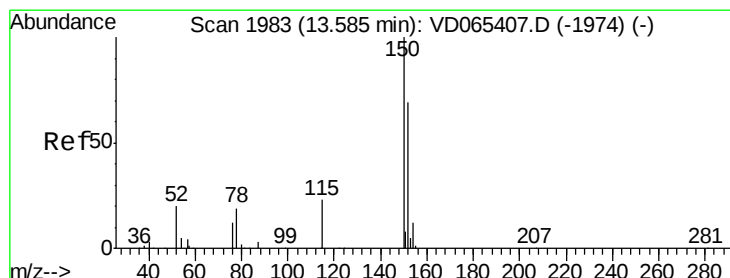
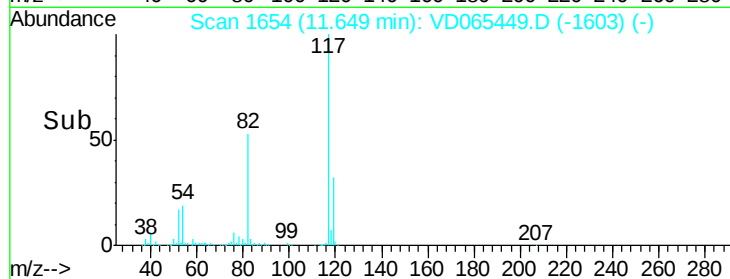
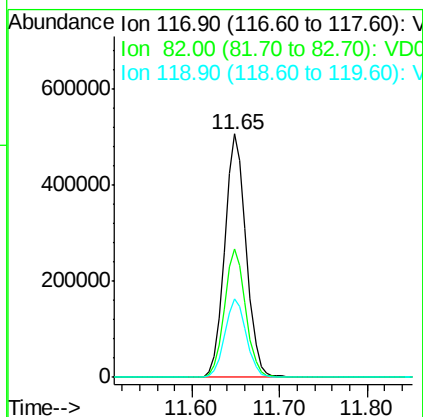
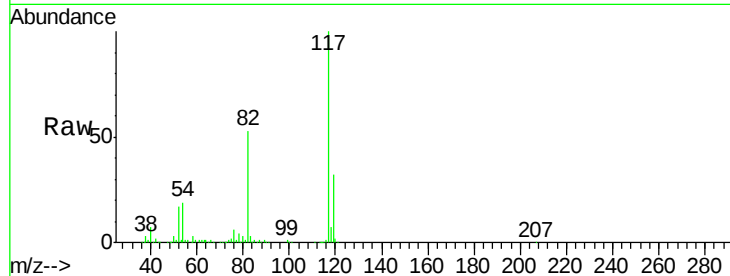




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065449.D
Acq: 09 Mar 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
GP-18-030520

Tot Ion:117 Resp: 851462
Ion Ratio Lower Upper
117 100
82 52.5 40.6 60.8
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065449.D
Acq: 09 Mar 2020 14:54

Tgt Ion:152 Resp: 395356
Ion Ratio Lower Upper
152 100
115 54.5 27.6 82.8
150 154.4 0.0 345.0

