

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065450.D
 Acq On : 09 Mar 2020 15:23
 Operator : VA/SY
 Sample : L1844-06
 Misc : 9.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-19-030520

Quant Time: Mar 10 12:51:48 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	7.99	168	478290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	824369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	742315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279920	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	258212	62.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.88%	
35) Dibromofluoromethane	7.92	113	274504	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	10.34	98	1007492	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.64	95	272673	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	

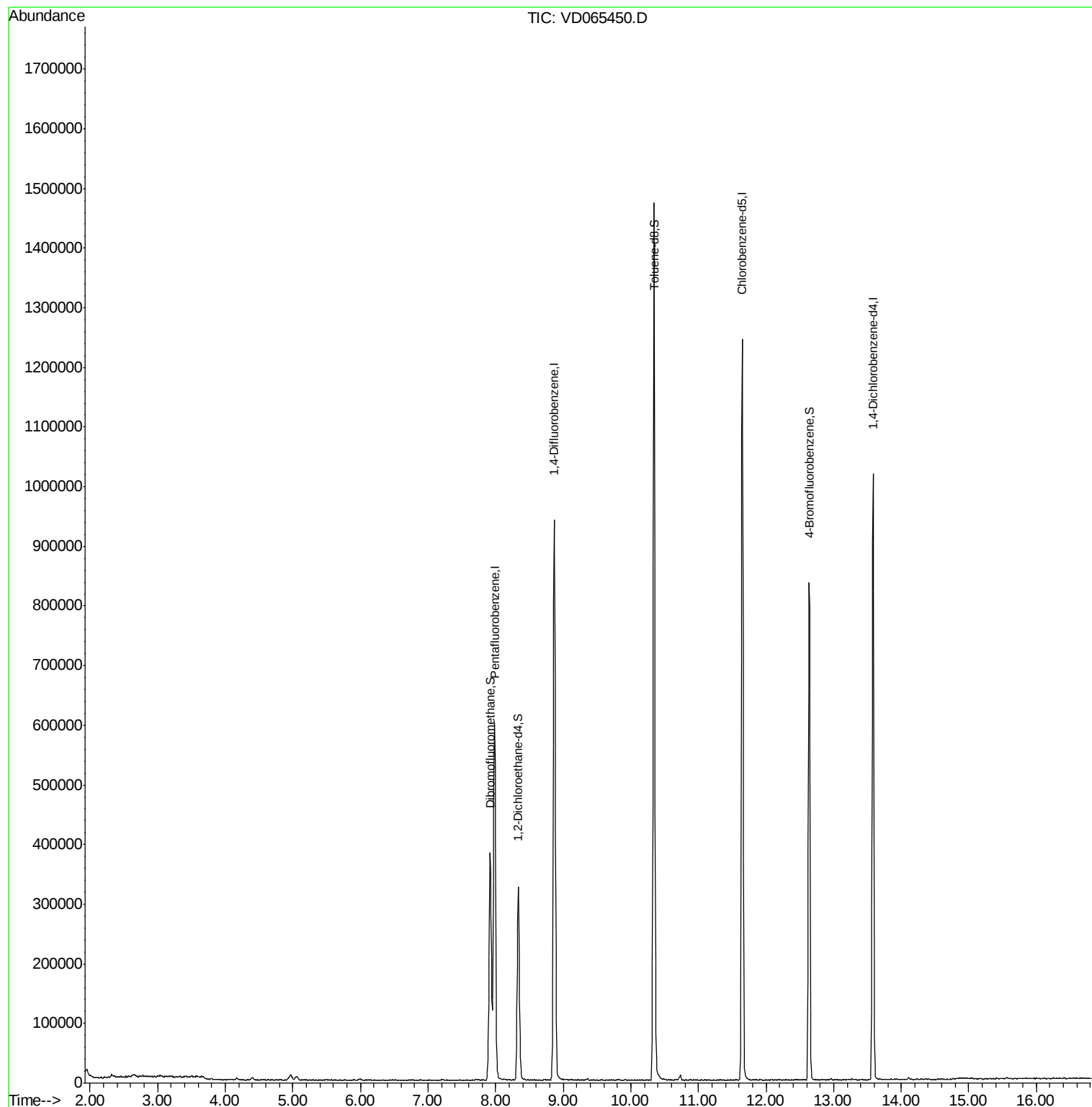
Target Compounds	Qvalue

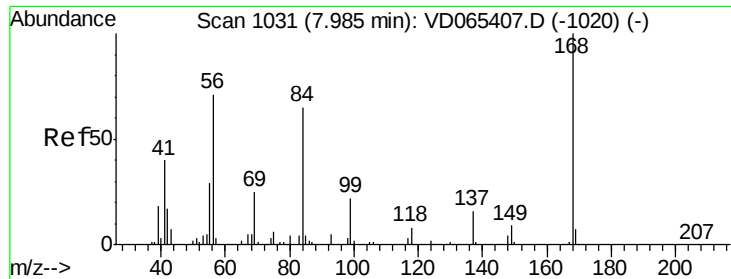
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065450.D

Acq: 09 Mar 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

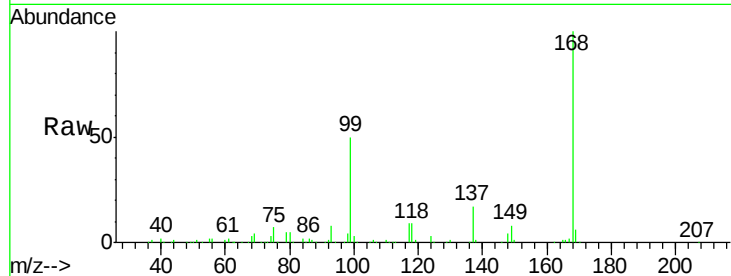
GP-19-030520

Tot Ion:168 Resp: 478290

Ion Ratio Lower Upper

168 100

99 50.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

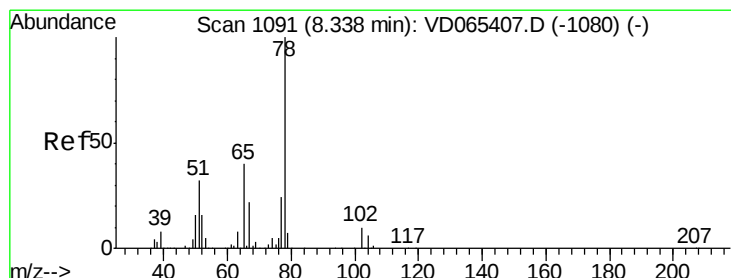
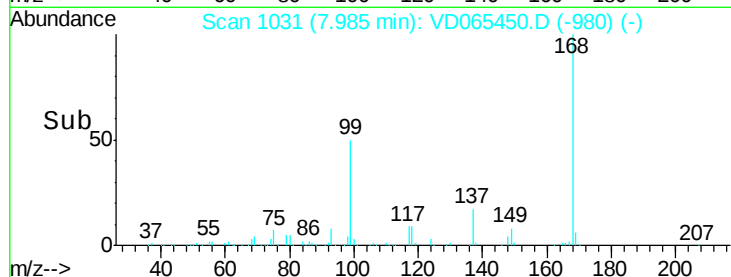
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.936 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065450.D

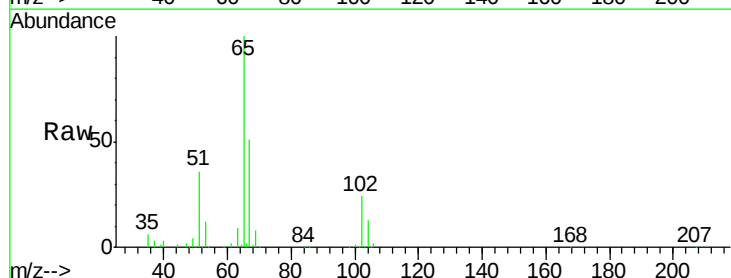
Acq: 09 Mar 2020 15:23

Tgt Ion: 65 Resp: 258212

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

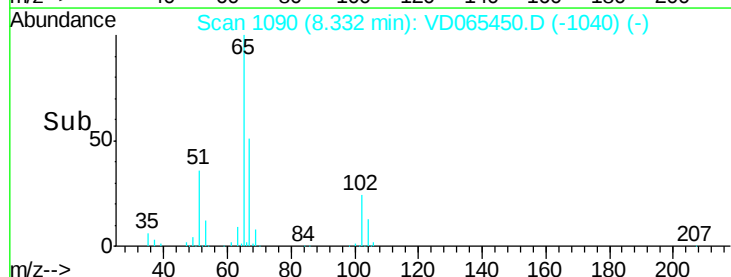
8.33

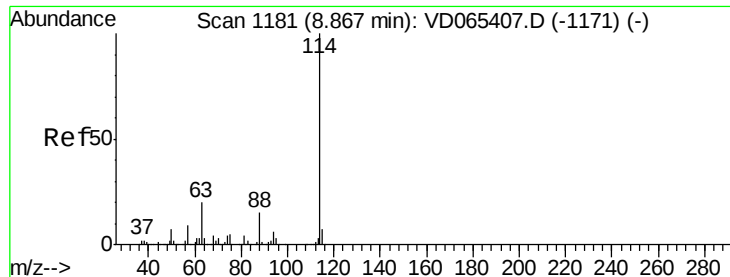
100000

50000

0

Time-->

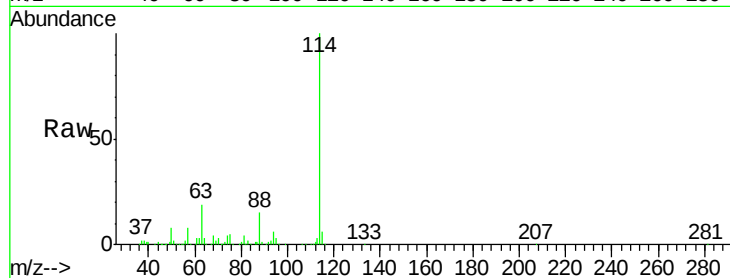




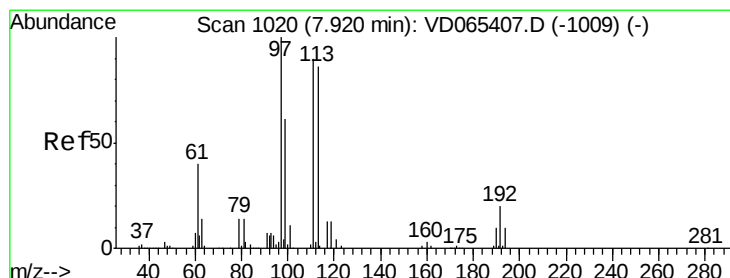
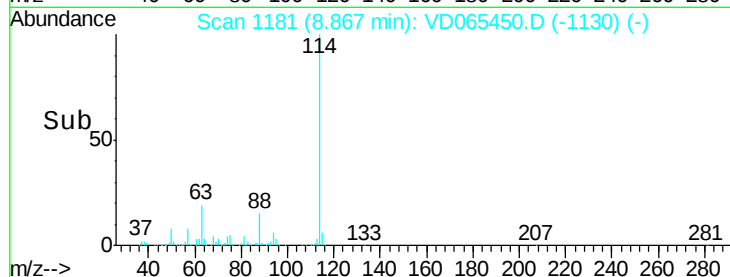
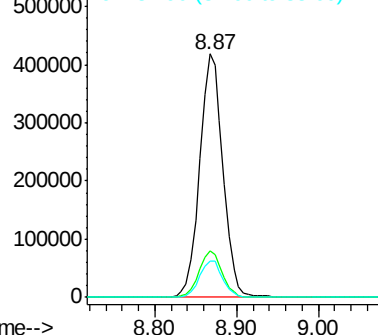
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065450.D
 Acq: 09 Mar 2020 15:23

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-19-030520

Tot Ion:114 Resp: 824369
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 15.1 0.0 30.4

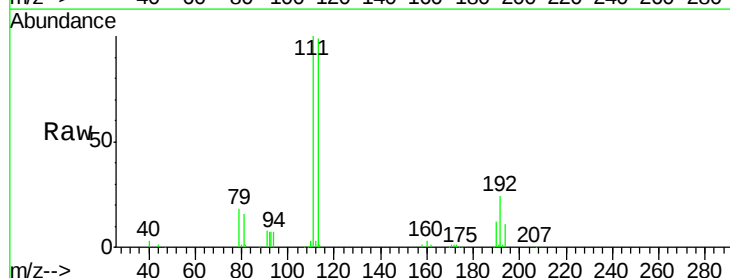


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

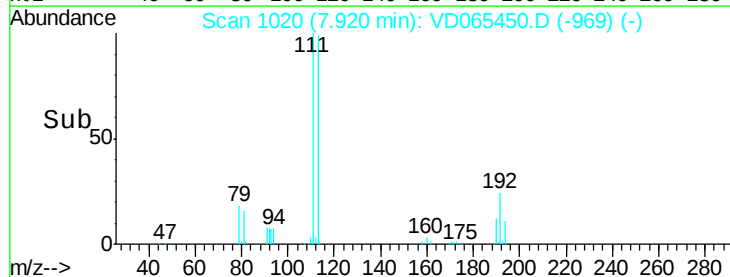
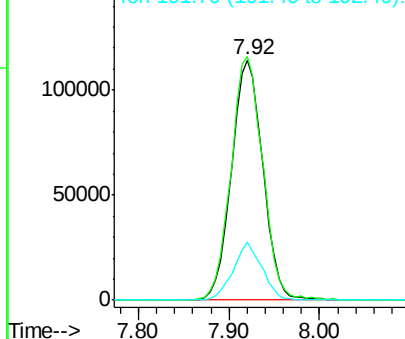


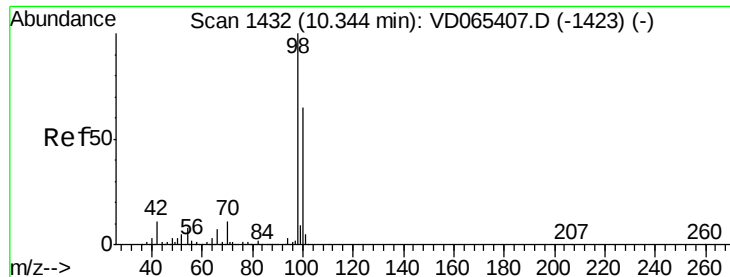
#35
 Dibromofluoromethane
 Concen: 53.846 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065450.D
 Acq: 09 Mar 2020 15:23

Tgt Ion:113 Resp: 274504
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.1 123.1
 192 22.2 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

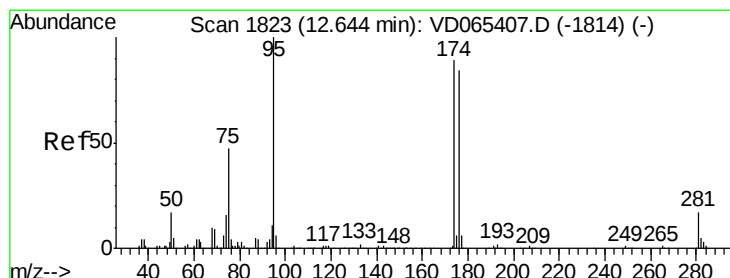
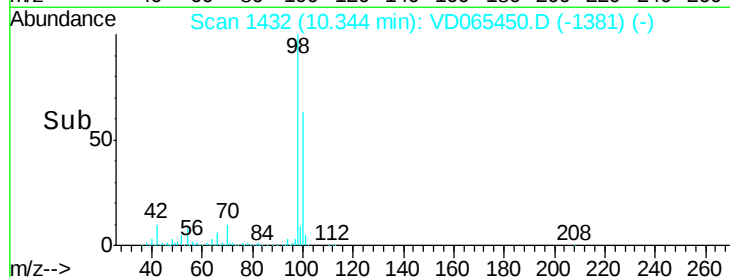
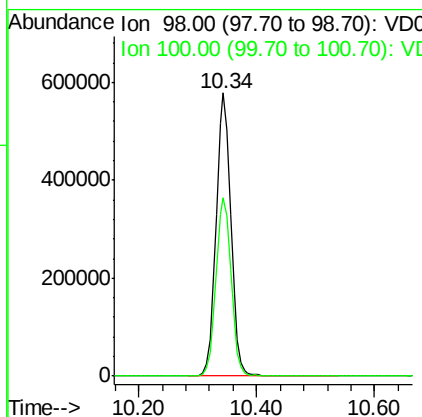
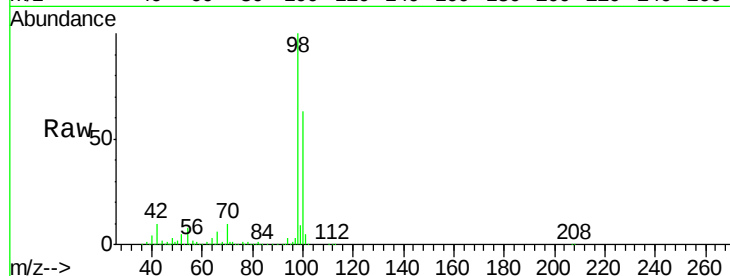




#50
Toluene-d8
Concen: 51.514 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065450.D
Acq: 09 Mar 2020 15:23

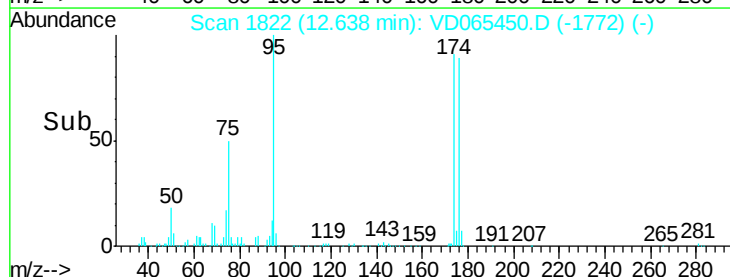
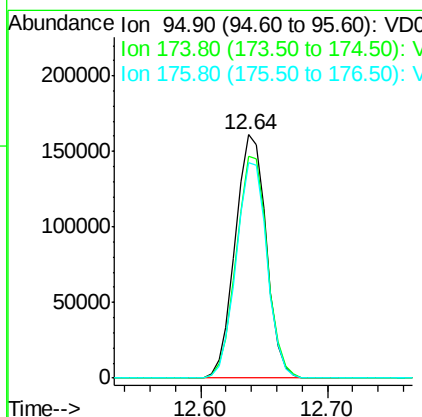
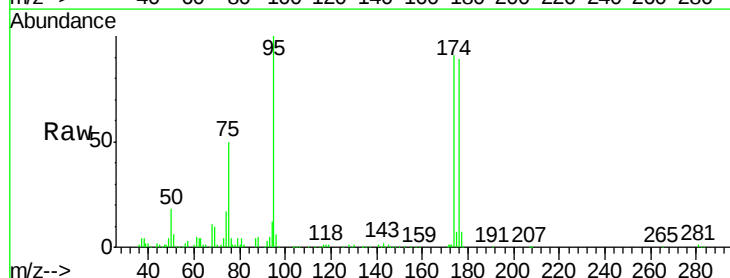
Instrument :
MSVOA_D
ClientSampleId :
GP-19-030520

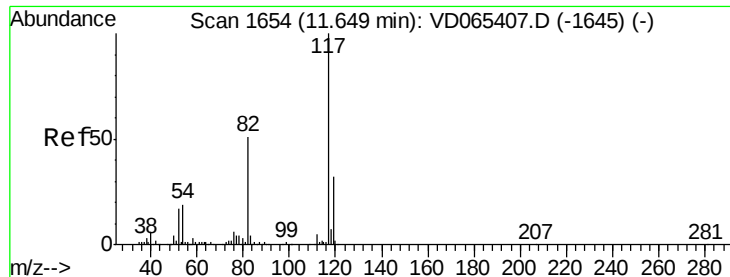
Tot Ion: 98 Resp: 1007492
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.162 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065450.D
Acq: 09 Mar 2020 15:23

Tgt Ion: 95 Resp: 272673
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.8
176 88.0 0.0 171.4

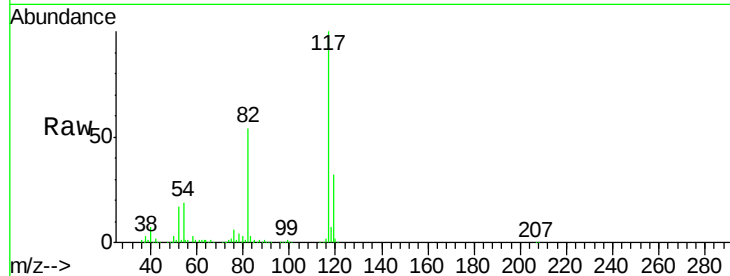




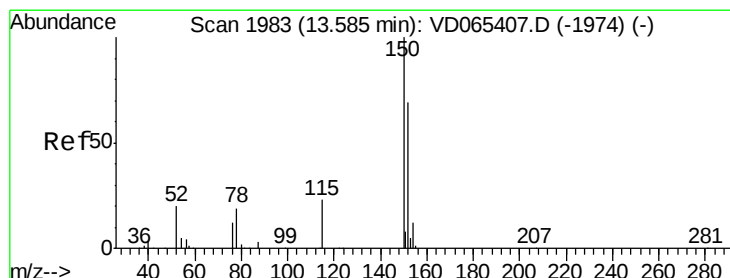
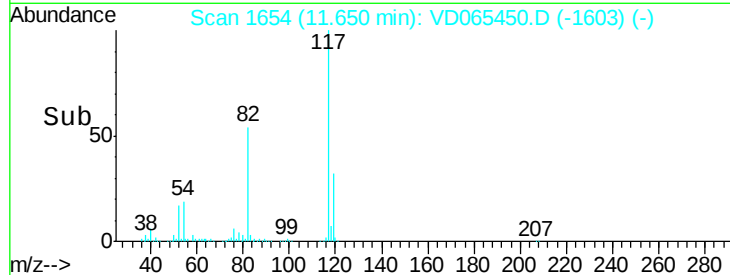
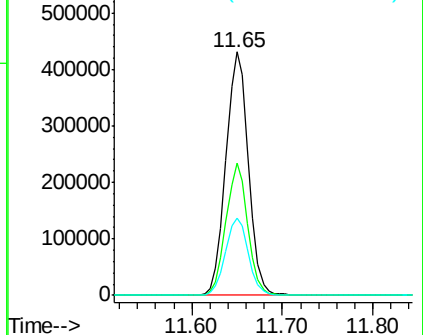
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065450.D
Acq: 09 Mar 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
GP-19-030520

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.6	60.8
119	31.9	25.4	38.2

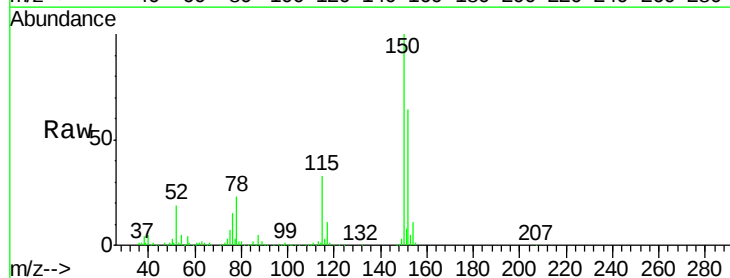


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065450.D
Acq: 09 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.6	82.8
150	157.8	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

