

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065569.D
 Acq On : 31 Mar 2020 16:44
 Operator : VA/SY
 Sample : L1752-05RE
 Misc : 7.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-033020RE

Quant Time: Apr 01 08:03:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	428448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	817028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	936200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	418188	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	262019	73.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.94%	
35) Dibromofluoromethane	7.92	113	272668	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
50) Toluene-d8	10.34	98	1161024	61.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.64%	
62) 4-Bromofluorobenzene	12.64	95	371192	61.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.54%	

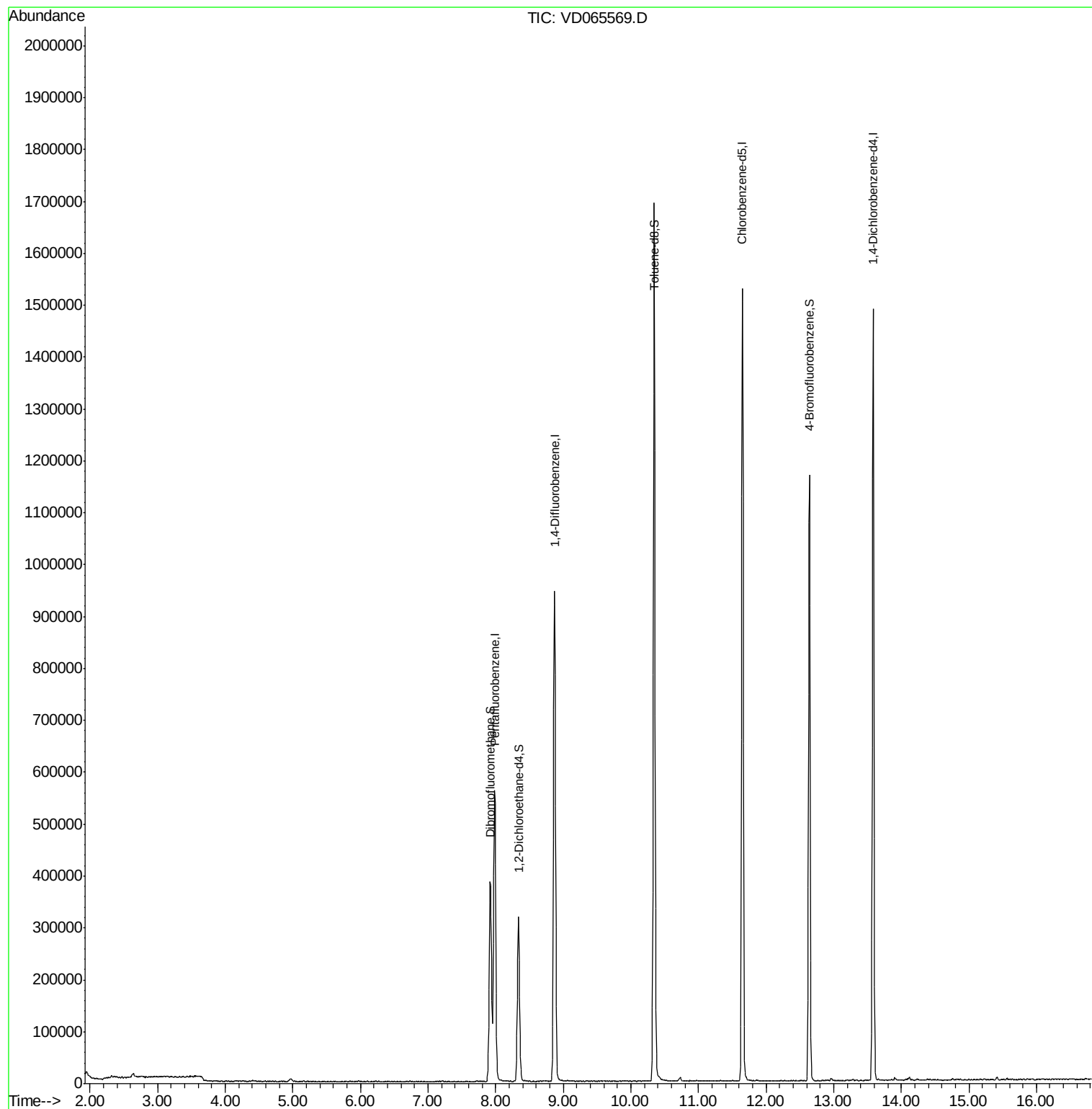
Target Compounds	Qvalue

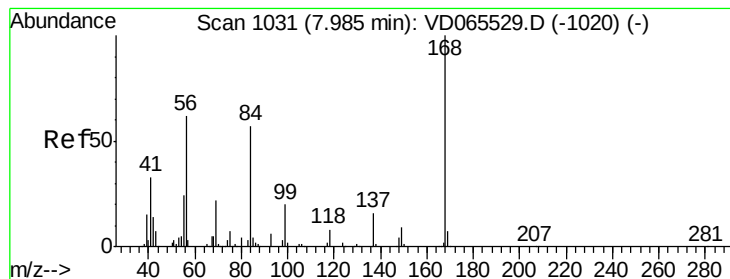
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065569.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_D

ClientSampleId :

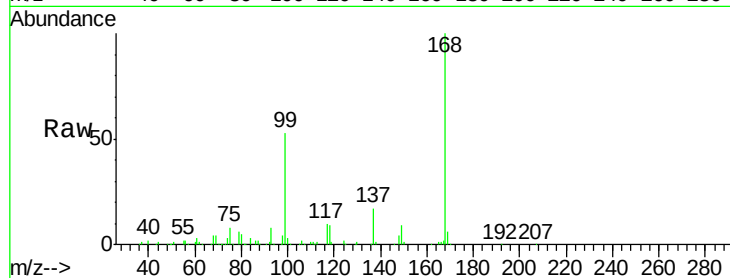
HD-02-033020RE

Tot Ion:168 Resp: 428448

Ion Ratio Lower Upper

168 100

99 53.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

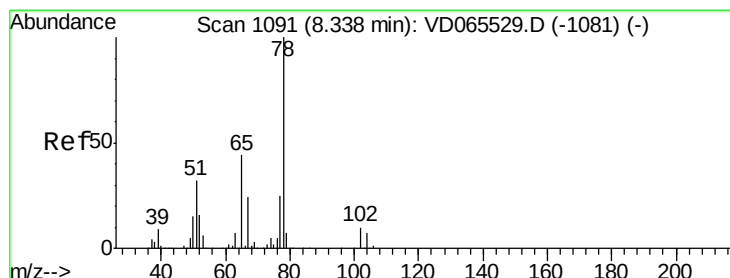
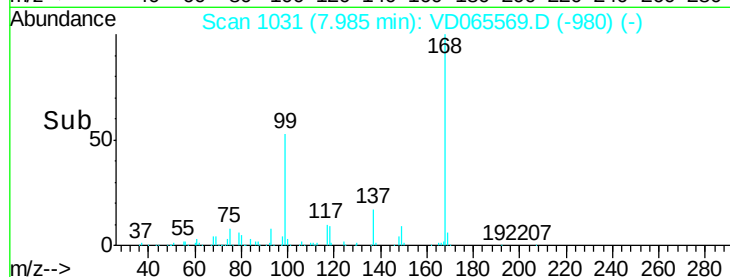
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 73.466 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065569.D

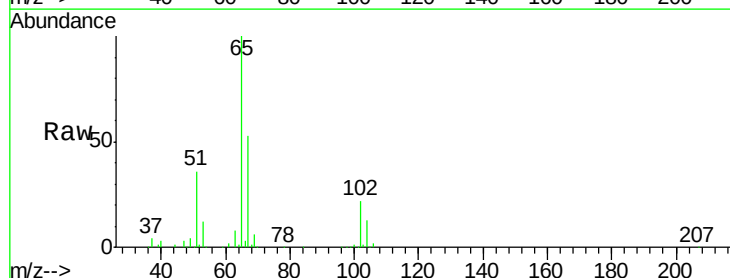
Acq: 31 Mar 2020 16:44

Tgt Ion: 65 Resp: 262019

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

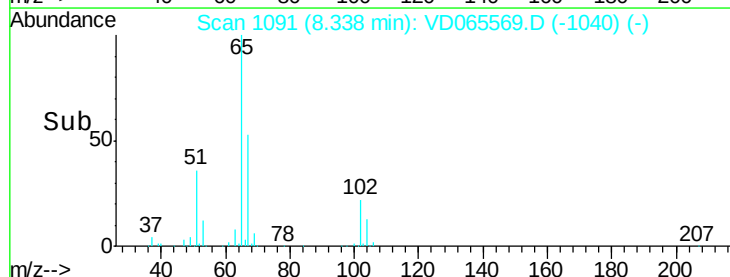
8.34

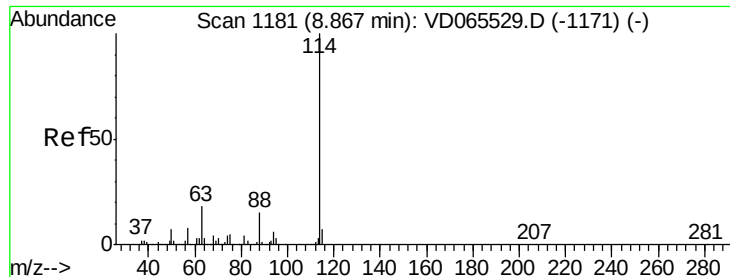
100000

50000

0

Time-->

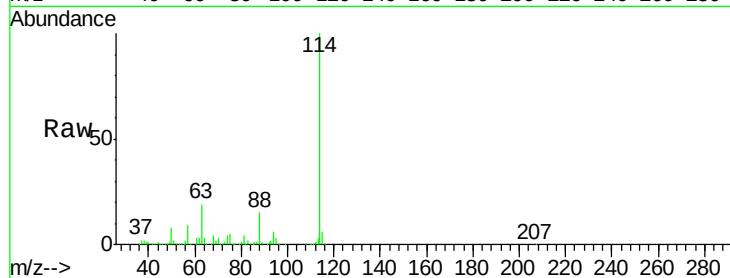




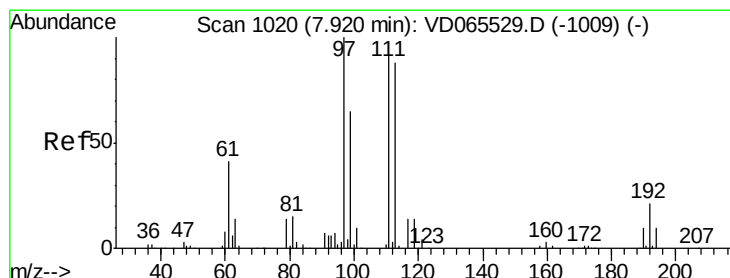
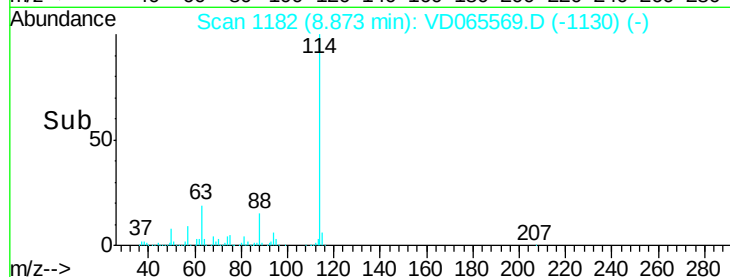
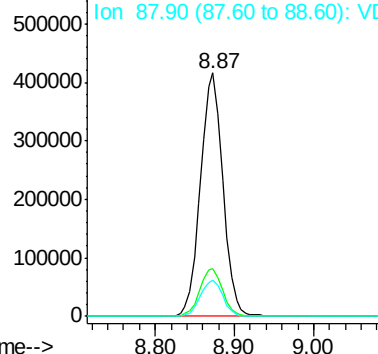
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065569.D
 Acq: 31 Mar 2020 16:44

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-033020RE

Tot Ion:114 Resp: 817028
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.0
 88 14.8 0.0 30.4

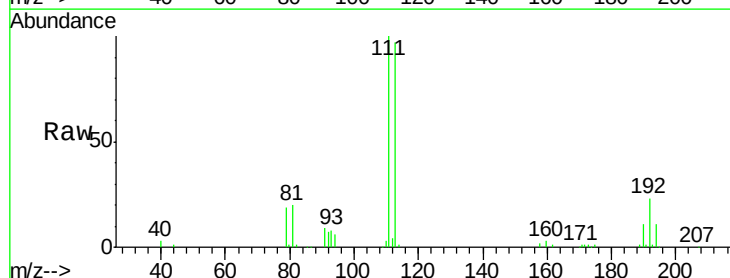


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

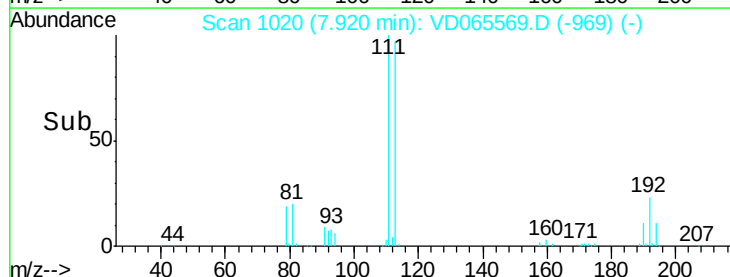
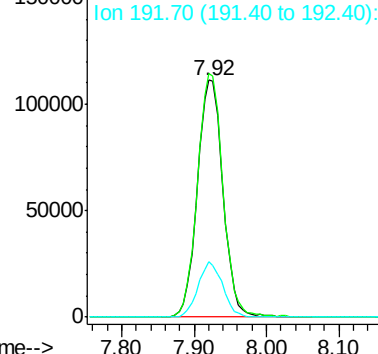


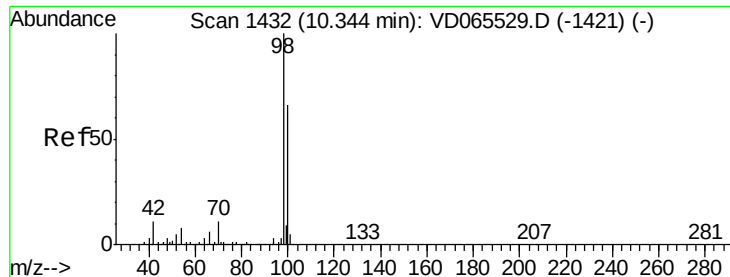
#35
 Dibromofluoromethane
 Concen: 54.068 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065569.D
 Acq: 31 Mar 2020 16:44

Tgt Ion:113 Resp: 272668
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.3 124.9
 192 22.2 18.5 27.7



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

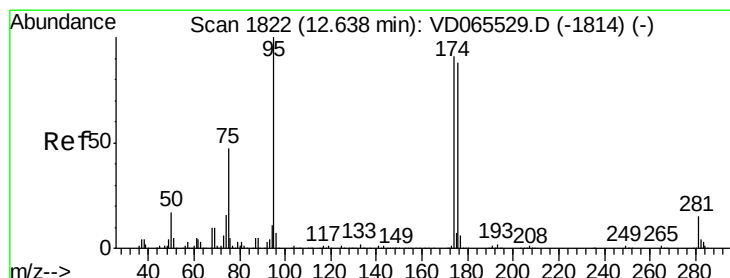
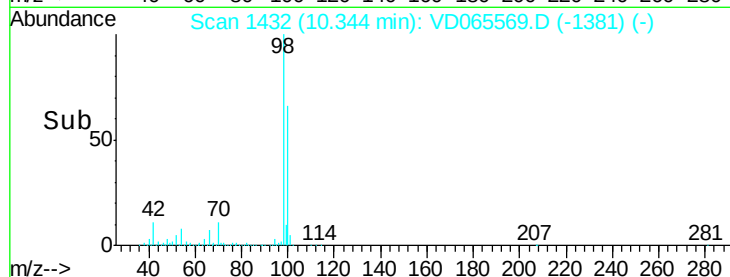
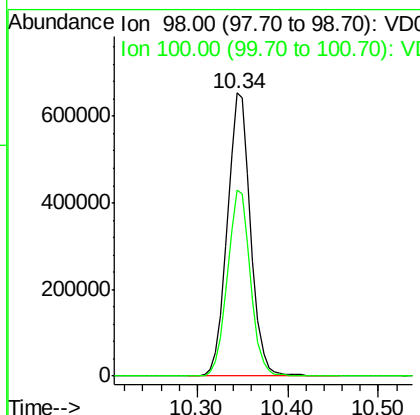
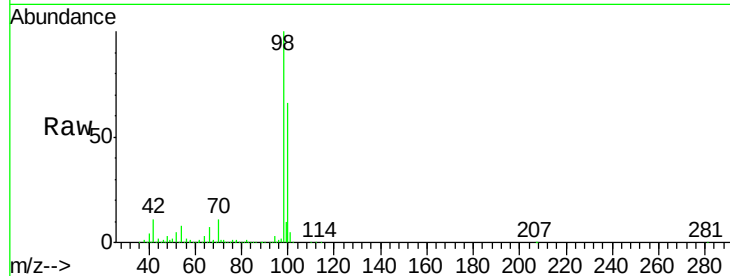




#50
Toluene-d8
Concen: 61.322 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065569.D
Acq: 31 Mar 2020 16:44

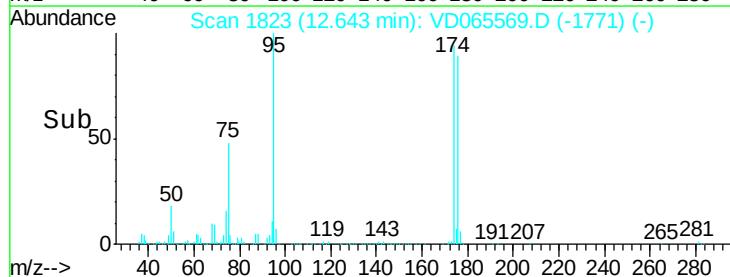
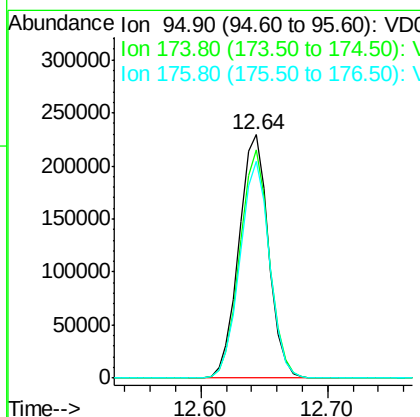
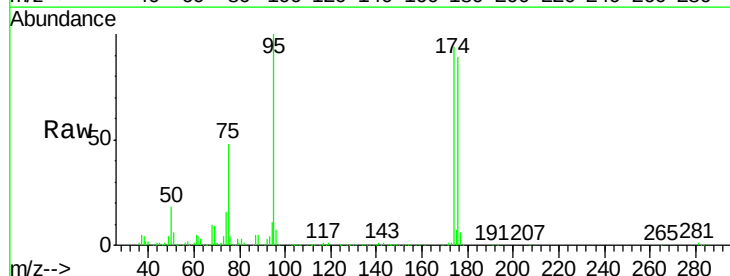
Instrument :
MSVOA_D
ClientSampleId :
HD-02-033020RE

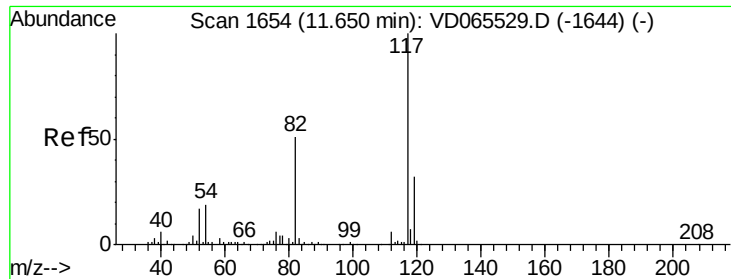
Tot Ion: 98 Resp: 1161024
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 61.771 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065569.D
Acq: 31 Mar 2020 16:44

Tgt Ion: 95 Resp: 371192
Ion Ratio Lower Upper
95 100
174 93.5 0.0 183.8
176 89.2 0.0 178.2

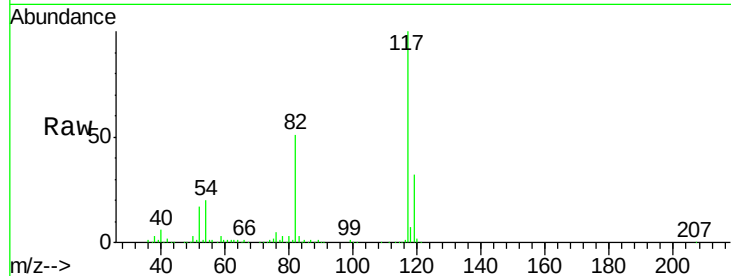




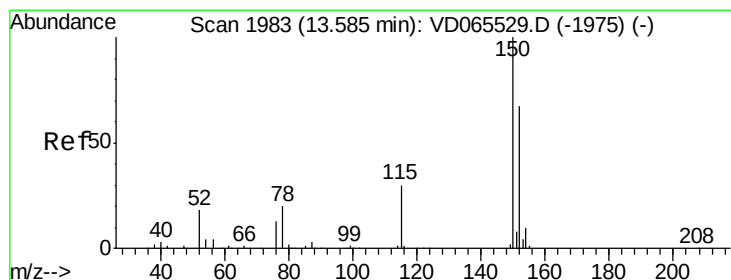
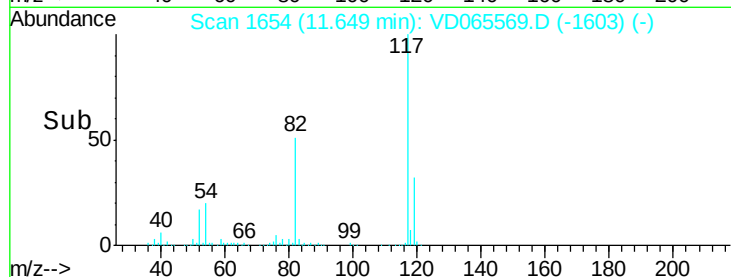
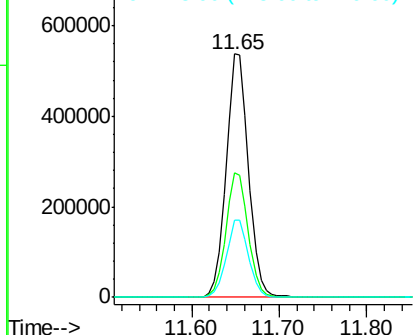
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065569.D
Acq: 31 Mar 2020 16:44

Instrument :
MSVOA_D
ClientSampleId :
HD-02-033020RE

Tot Ion:117 Resp: 936200
Ion Ratio Lower Upper
117 100
82 51.3 41.0 61.6
119 32.0 25.5 38.3

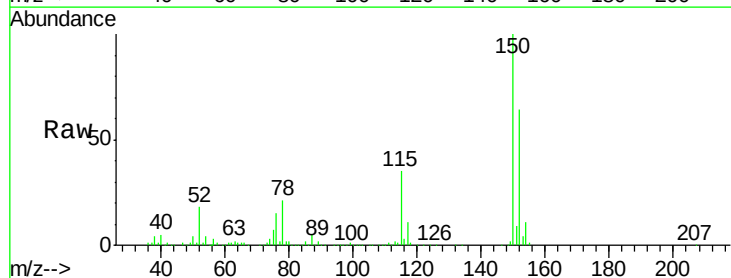


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065569.D
Acq: 31 Mar 2020 16:44

Tgt Ion:152 Resp: 418188
Ion Ratio Lower Upper
152 100
115 54.4 27.2 81.6
150 156.7 0.0 340.2



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

