

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065465.D
 Acq On : 10 Mar 2020 16:27
 Operator : VA/SY
 Sample : L1873-05
 Misc : 6.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Mar 11 02:13:58 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	530638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	923126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	862336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	379074	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	278970	61.29	ug/l	0.00
Spiked Amount			Recovery	=	122.58%	
35) Dibromofluoromethane	7.92	113	303060	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
50) Toluene-d8	10.34	98	1138703	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.64	95	332925	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	

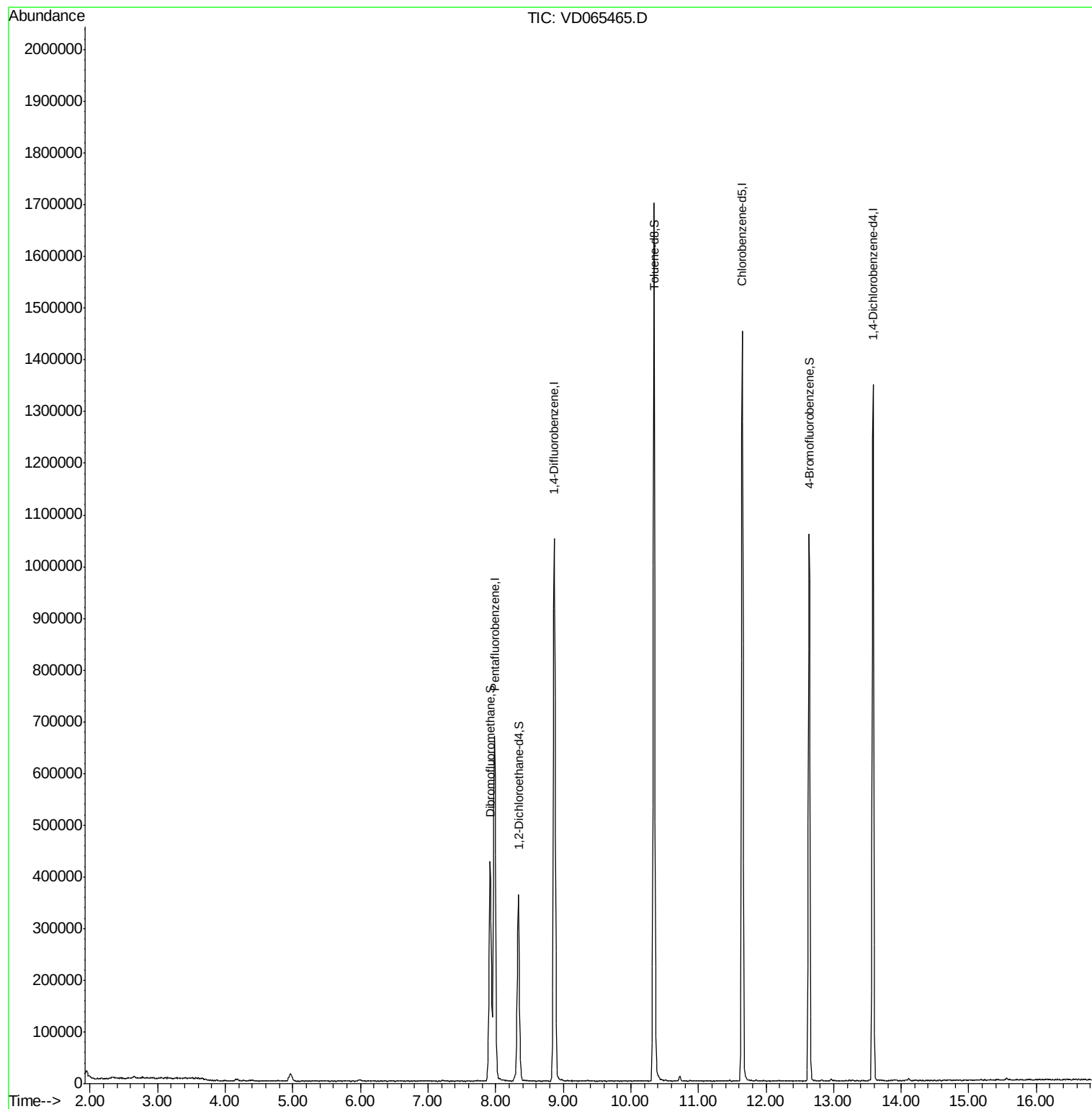
Target Compounds	Qvalue
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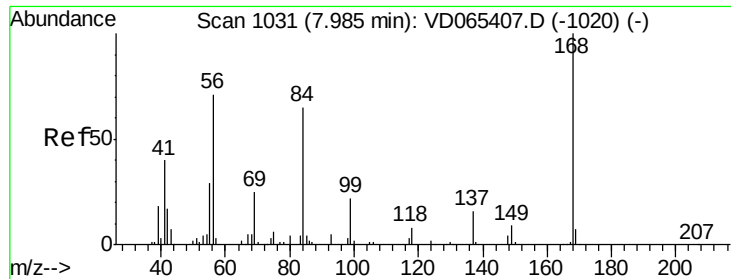
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065465.D

Acq: 10 Mar 2020 16:27

Instrument :

MSVOA_D

ClientSampled :

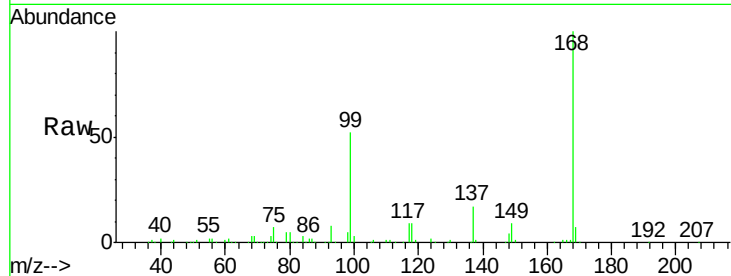
TP-3

Tot Ion:168 Resp: 530638

Ion Ratio Lower Upper

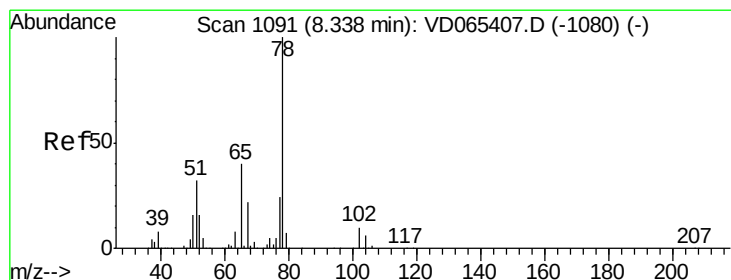
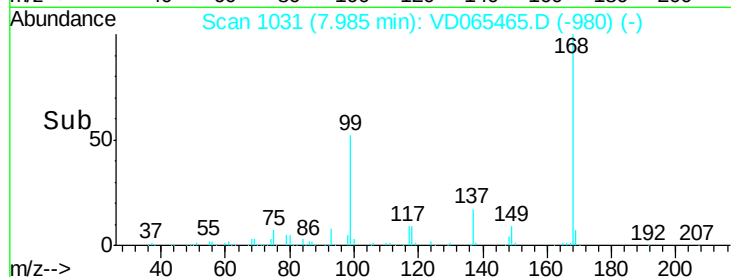
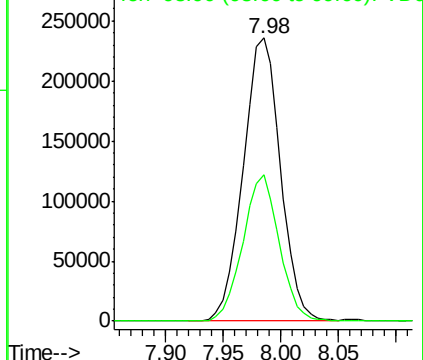
168 100

99 51.7 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: 61.288 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065465.D

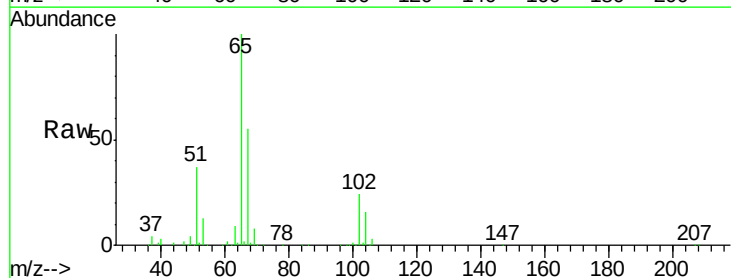
Acq: 10 Mar 2020 16:27

Tgt Ion: 65 Resp: 278970

Ion Ratio Lower Upper

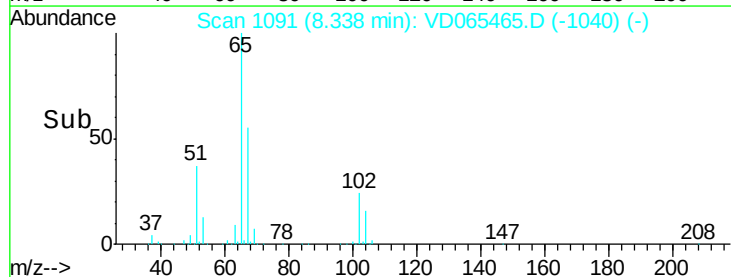
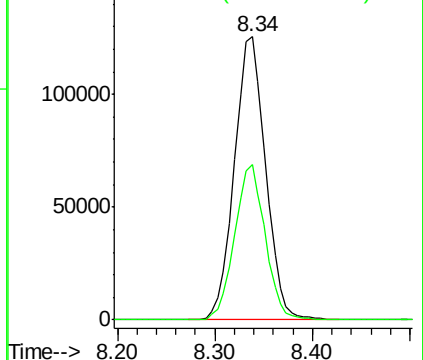
65 100

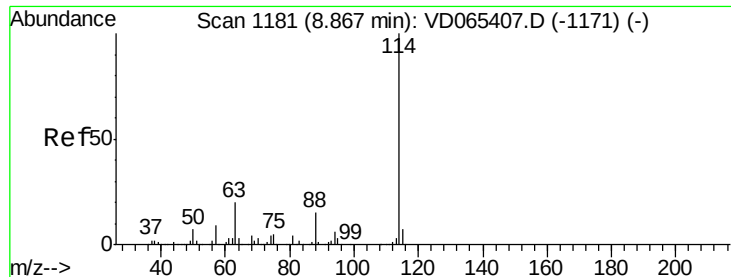
67 53.4 0.0 108.0



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: VD065465.D

Acq: 10 Mar 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

TP-3

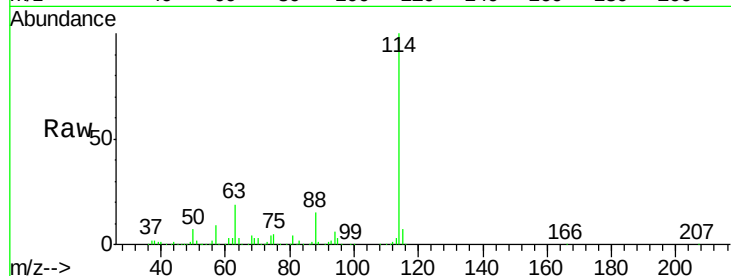
Tot Ion:114 Resp: 923126

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.5 0.0 30.4



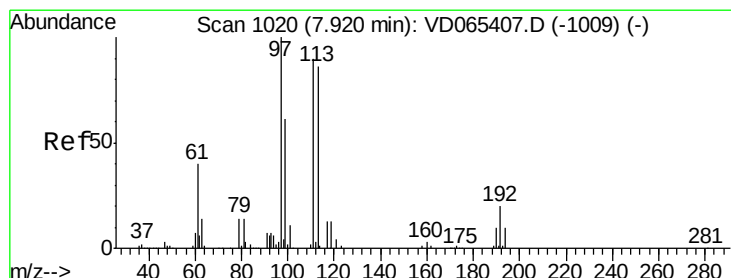
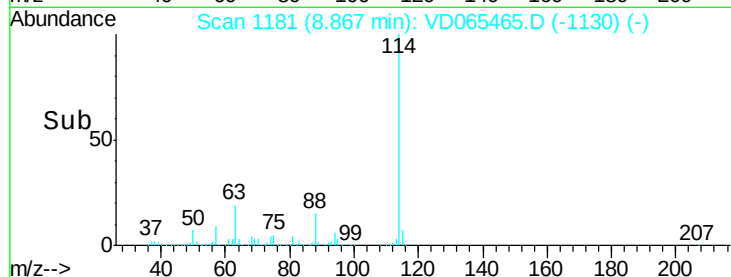
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.87

Time-->



#35

Dibromofluoromethane

Concen: 53.088 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065465.D

Acq: 10 Mar 2020 16:27

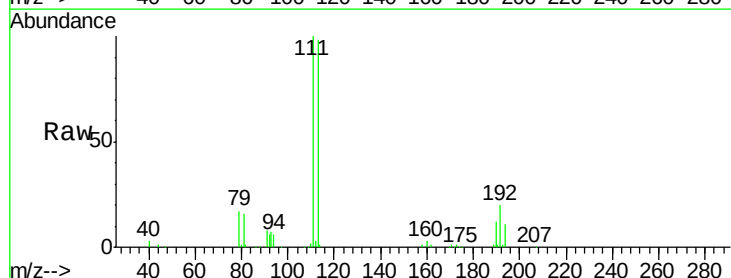
Tgt Ion:113 Resp: 303060

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 22.2 17.2 25.8



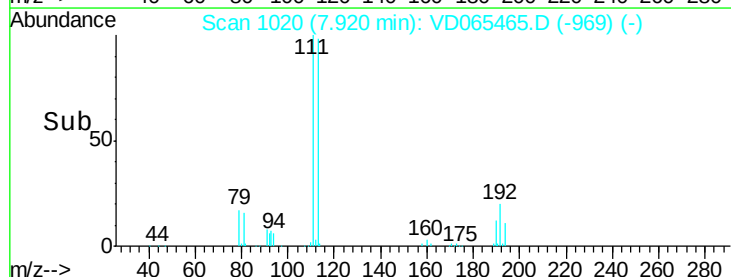
Abundance Ion 112.80 (112.50 to 113.50): V

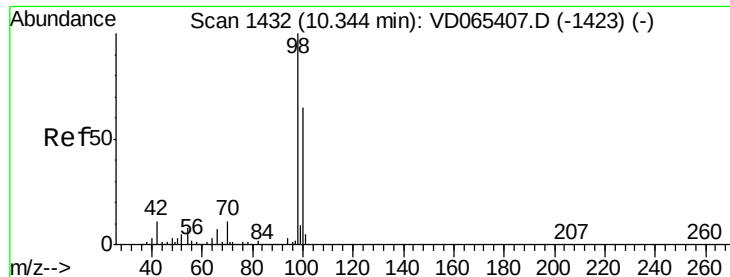
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.92

Time-->

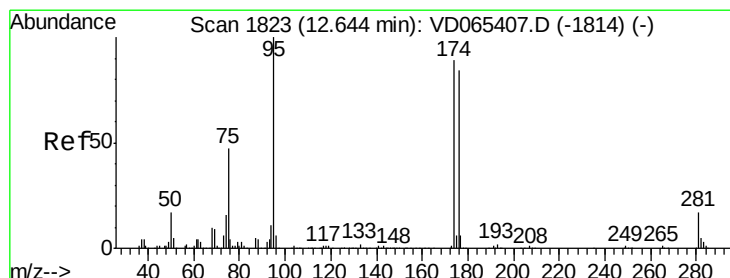
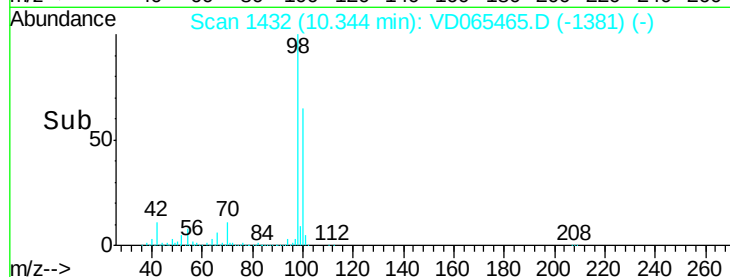
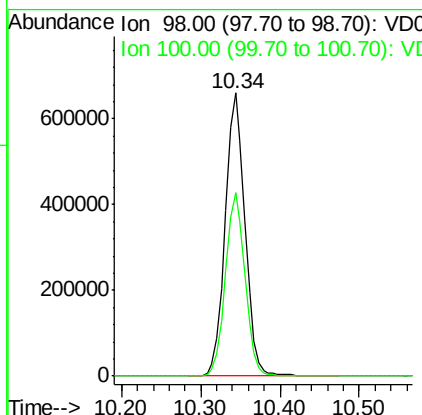
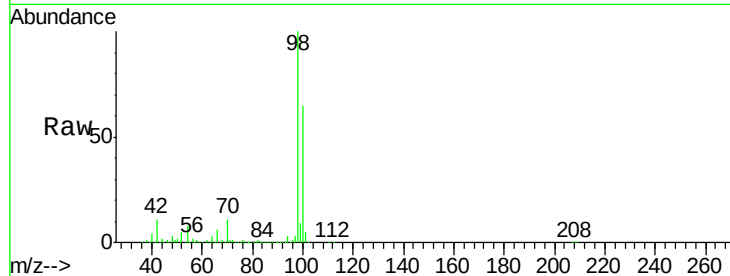




#50
Toluene-d8
Concen: 51.994 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065465.D
Acq: 10 Mar 2020 16:27

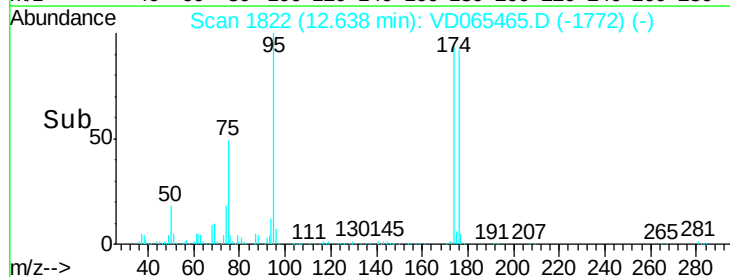
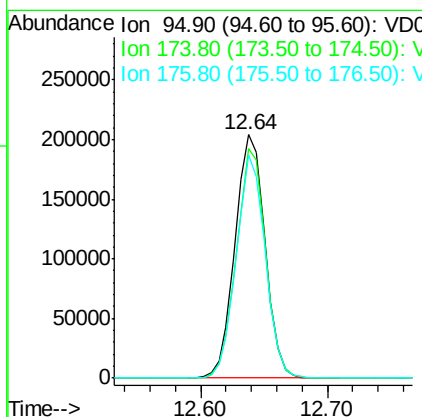
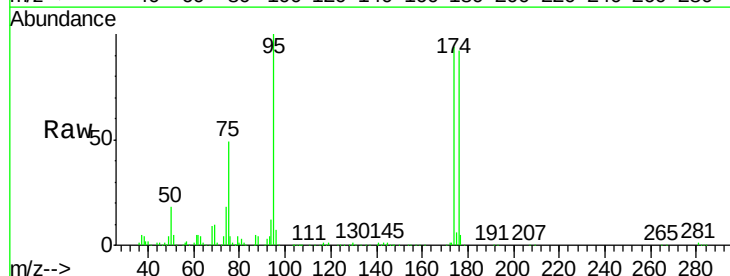
Instrument :
MSVOA_D
ClientSampled :
TP-3

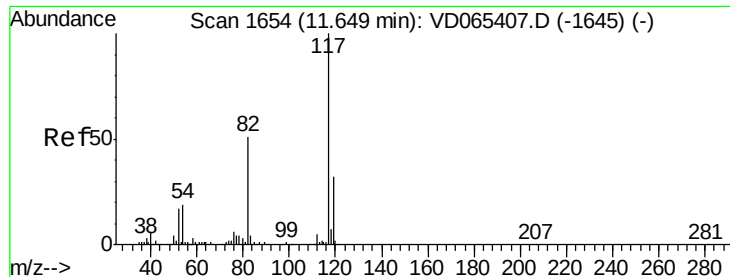
Tot Ion: 98 Resp: 1138703
Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.243 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065465.D
Acq: 10 Mar 2020 16:27

Tgt Ion: 95 Resp: 332925
Ion Ratio Lower Upper
95 100
174 92.4 0.0 176.8
176 88.9 0.0 171.4

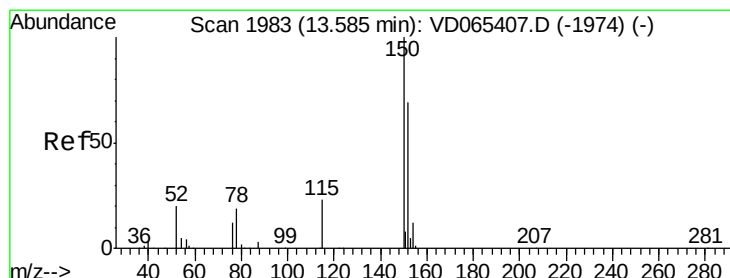
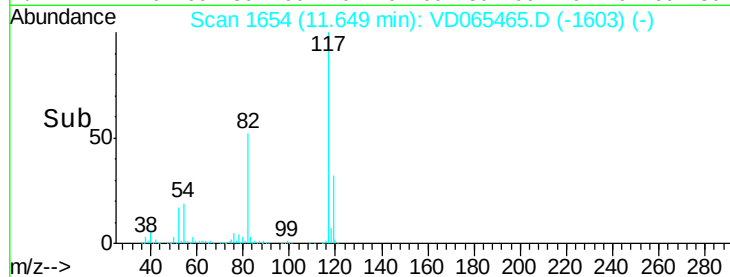
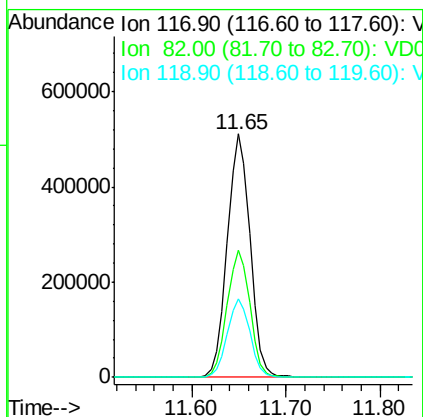
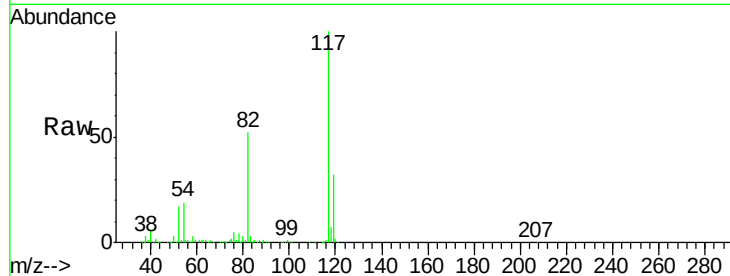




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065465.D
Acq: 10 Mar 2020 16:27

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:117 Resp: 862336
Ion Ratio Lower Upper
117 100
82 52.1 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: VD065465.D
Acq: 10 Mar 2020 16:27

Tgt Ion:152 Resp: 379074
Ion Ratio Lower Upper
152 100
115 54.1 27.6 82.8
150 155.4 0.0 345.0

