

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065468.D
 Acq On : 10 Mar 2020 17:53
 Operator : VA/SY
 Sample : L1864-07
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Mar 11 03:24:23 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	515261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	902308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	841866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	375801	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	267497	60.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.04%	
35) Dibromofluoromethane	7.92	113	292208	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.34	98	1091113	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.64	95	336059	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

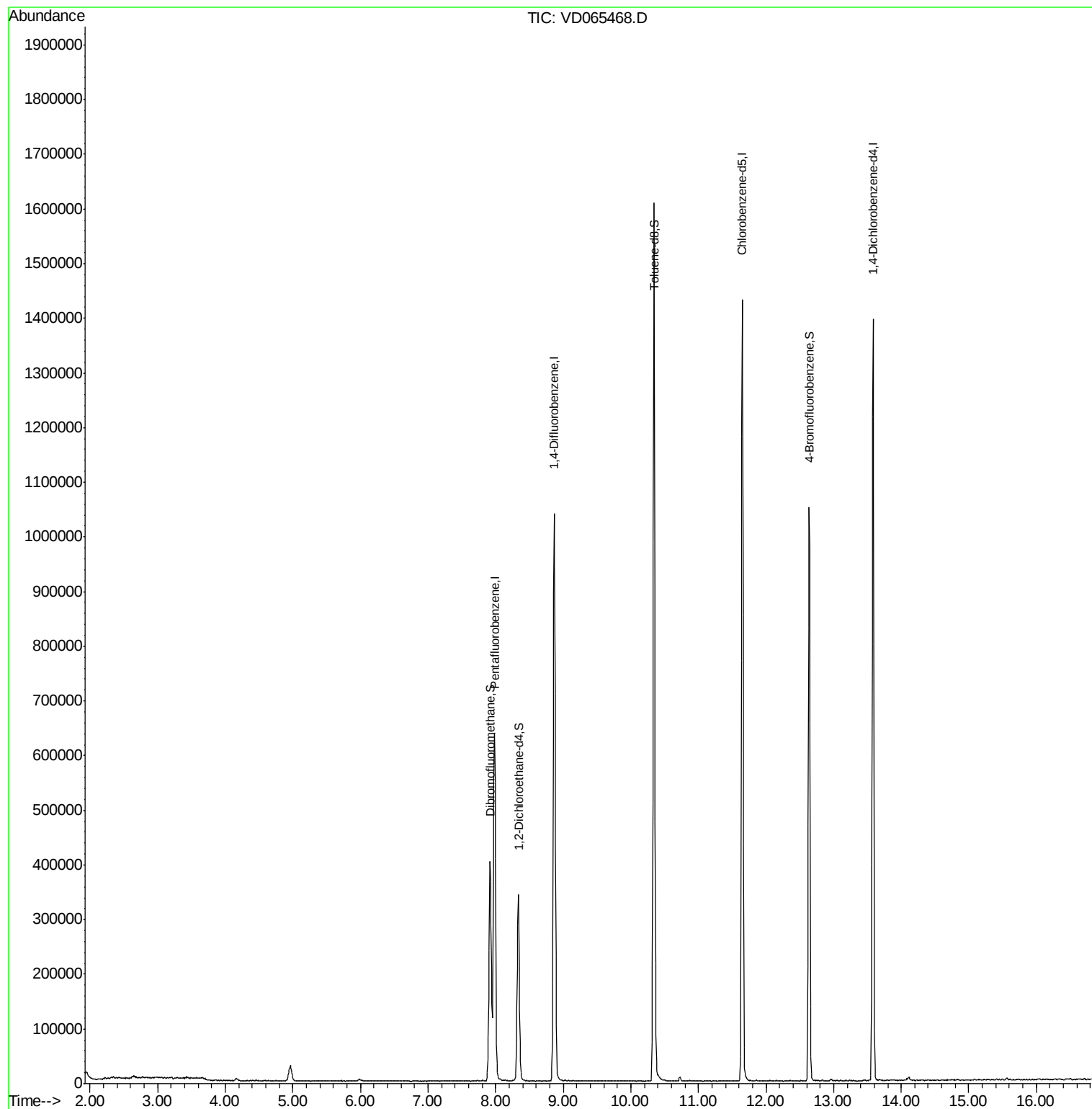
Target Compounds	Qvalue
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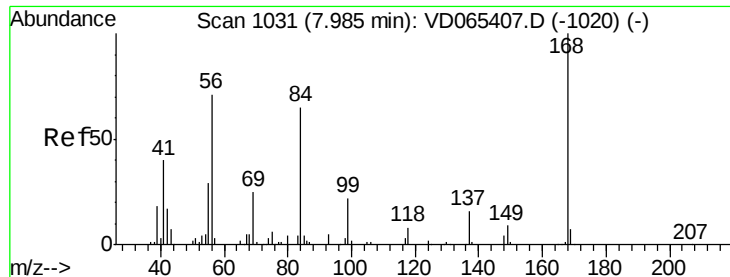
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065468.D

Acq: 10 Mar 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

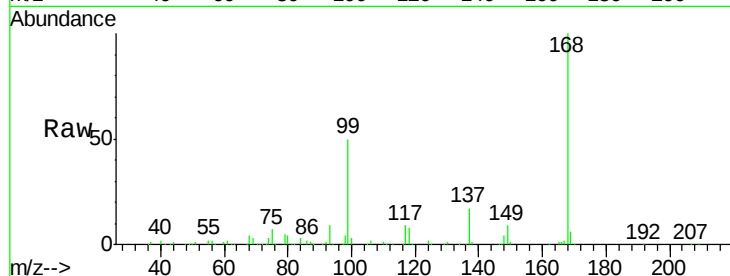
SP-3

Tot Ion:168 Resp: 515261

Ion Ratio Lower Upper

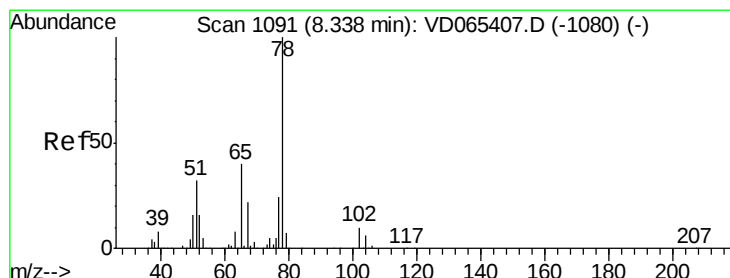
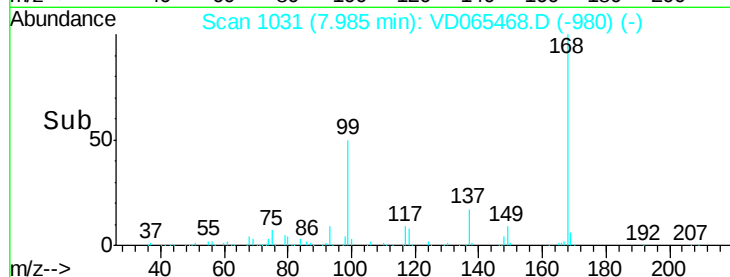
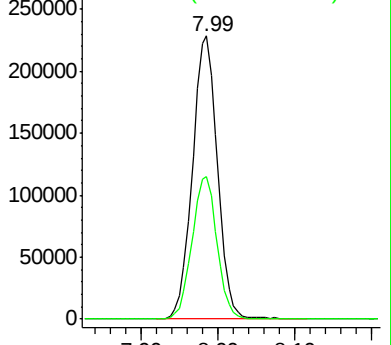
168 100

99 50.3 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: 60.521 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065468.D

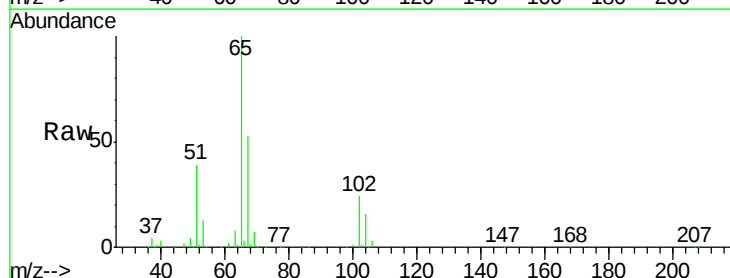
Acq: 10 Mar 2020 17:53

Tgt Ion: 65 Resp: 267497

Ion Ratio Lower Upper

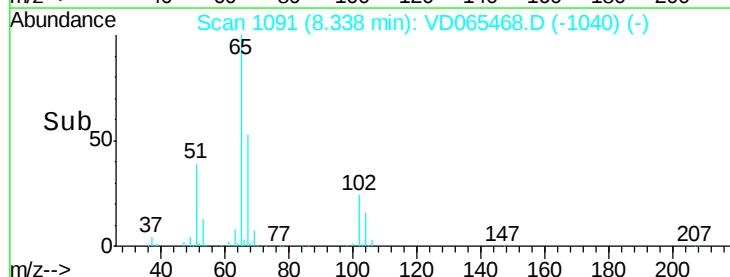
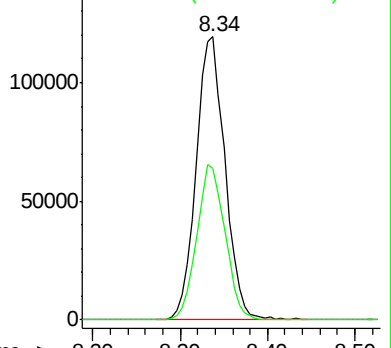
65 100

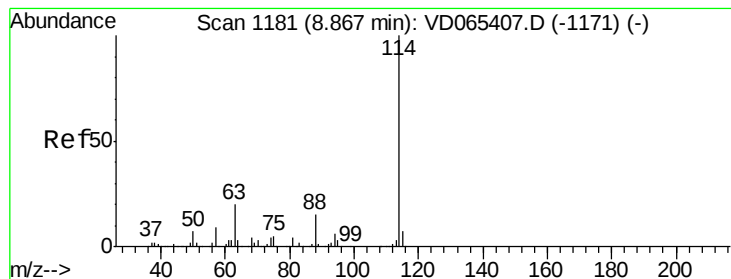
67 53.7 0.0 108.0



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: VD065468.D

Acq: 10 Mar 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

SP-3

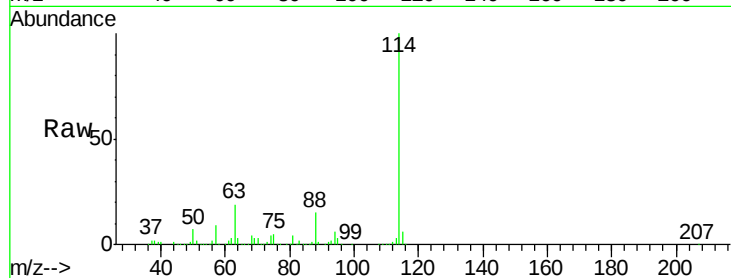
Tot Ion:114 Resp: 902308

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

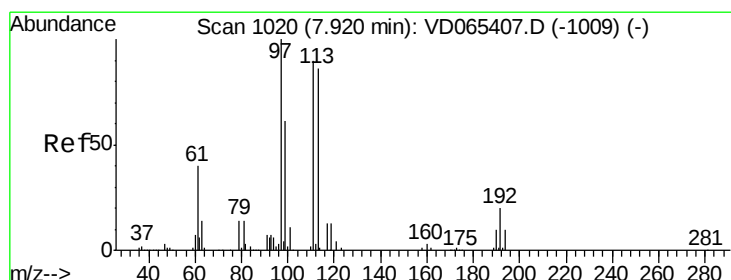
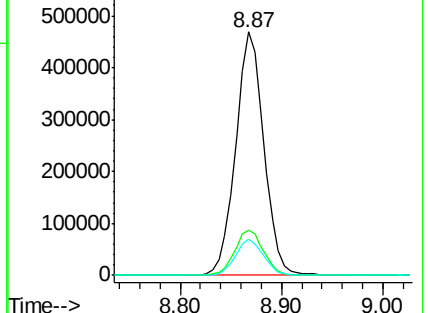
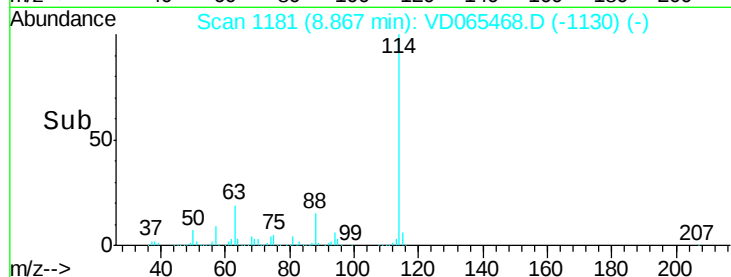
88 14.7 0.0 30.4



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: 52.368 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065468.D

Acq: 10 Mar 2020 17:53

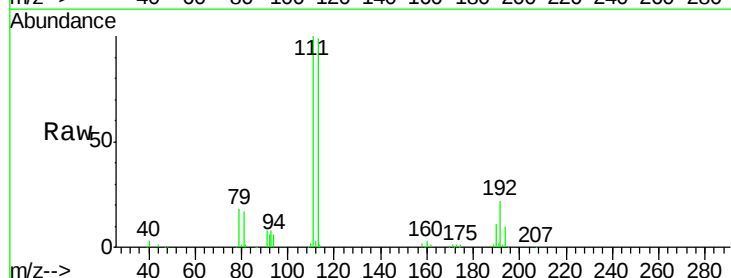
Tgt Ion:113 Resp: 292208

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

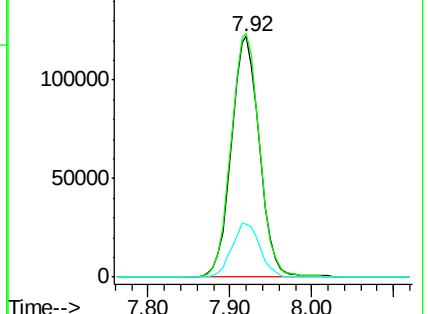
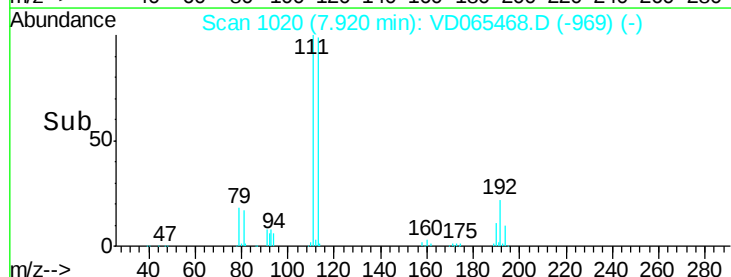
192 22.6 17.2 25.8

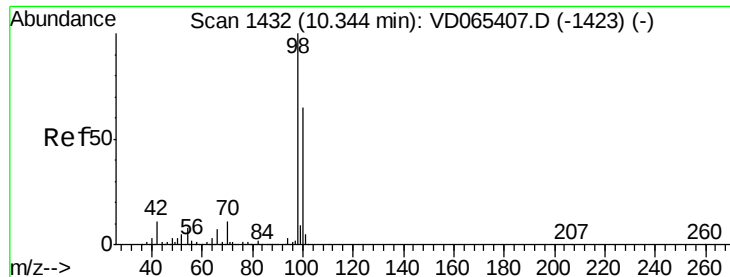


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

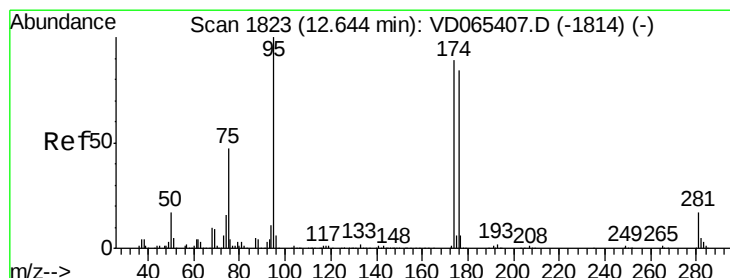
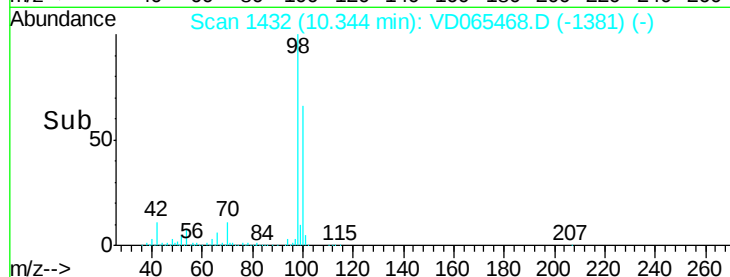
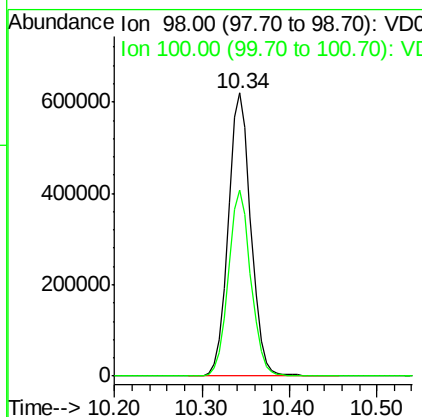
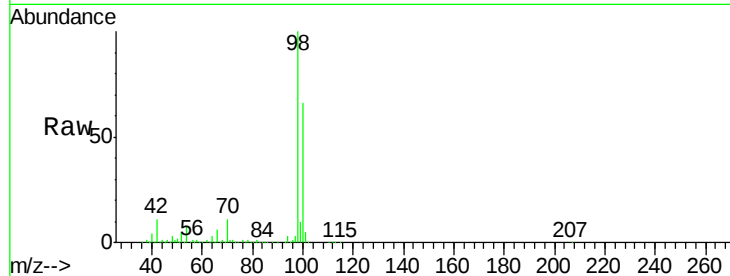




#50
Toluene-d8
Concen: 50.971 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065468.D
Acq: 10 Mar 2020 17:53

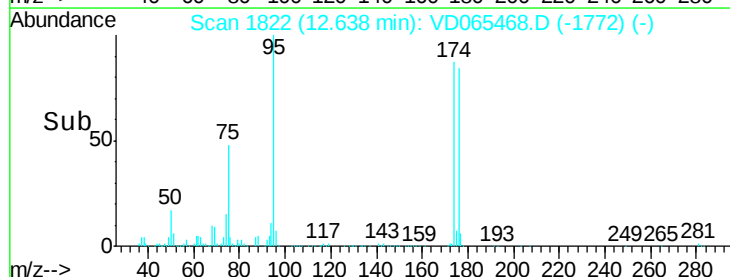
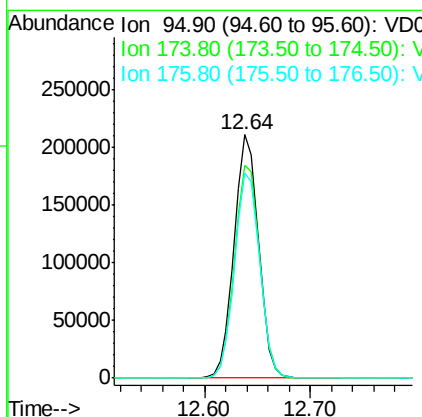
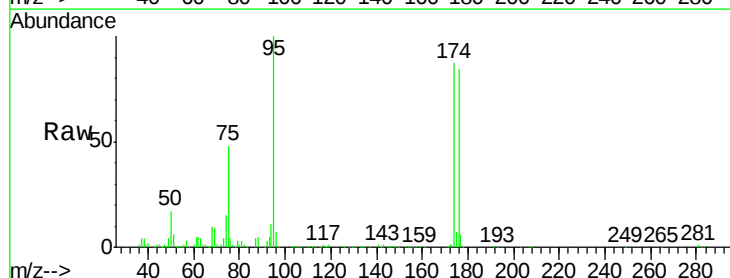
Instrument :
MSVOA_D
ClientSampleId :
SP-3

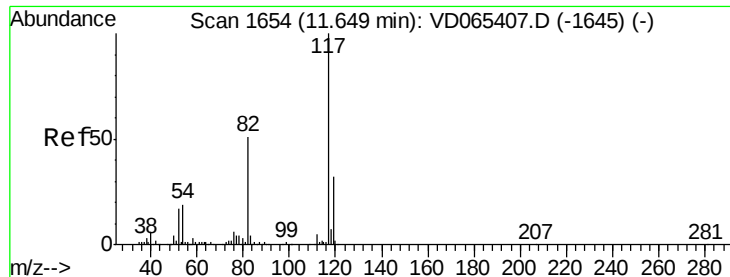
Tot Ion: 98 Resp: 1091113
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.853 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065468.D
Acq: 10 Mar 2020 17:53

Tgt Ion: 95 Resp: 336059
Ion Ratio Lower Upper
95 100
174 90.3 0.0 176.8
176 86.6 0.0 171.4

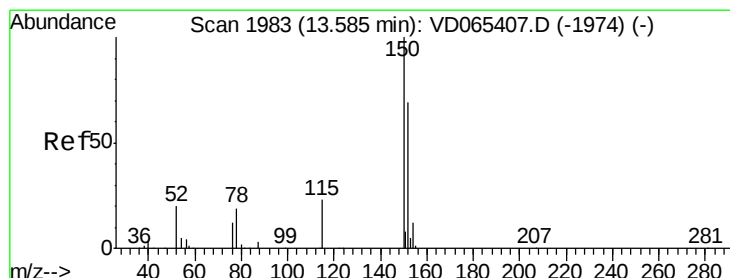
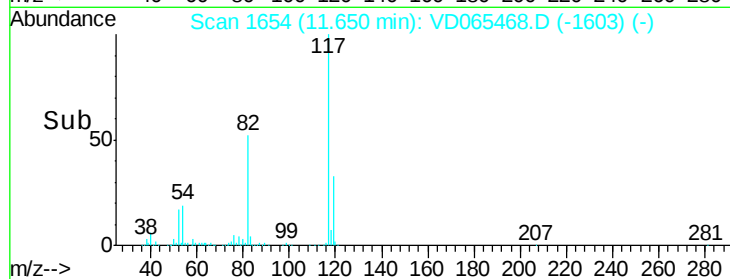
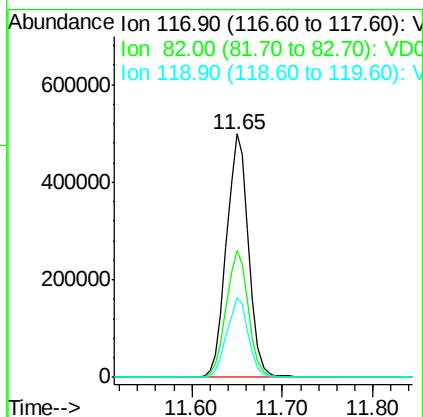
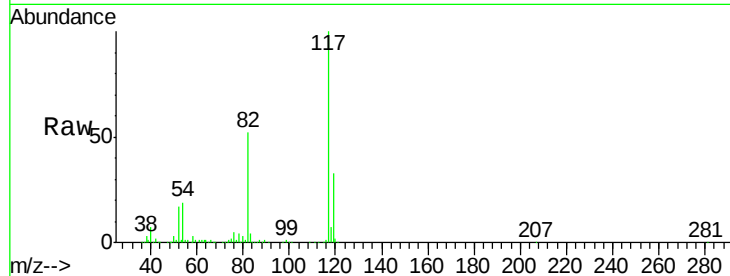




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065468.D
Acq: 10 Mar 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Tot Ion:117 Resp: 841866
Ion Ratio Lower Upper
117 100
82 52.3 40.6 60.8
119 32.8 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: VD065468.D
Acq: 10 Mar 2020 17:53

Tgt Ion:152 Resp: 375801
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.8
150 155.5 0.0 345.0

