

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065365.D
 Acq On : 28 Feb 2020 18:13
 Operator : VA/SY
 Sample : L1741-01
 Misc : 7.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 28 22:15:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	556412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	947316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	852789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	382759	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	287682	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
35) Dibromofluoromethane	7.92	113	302482	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.34	98	1138119	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.64	95	337084	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

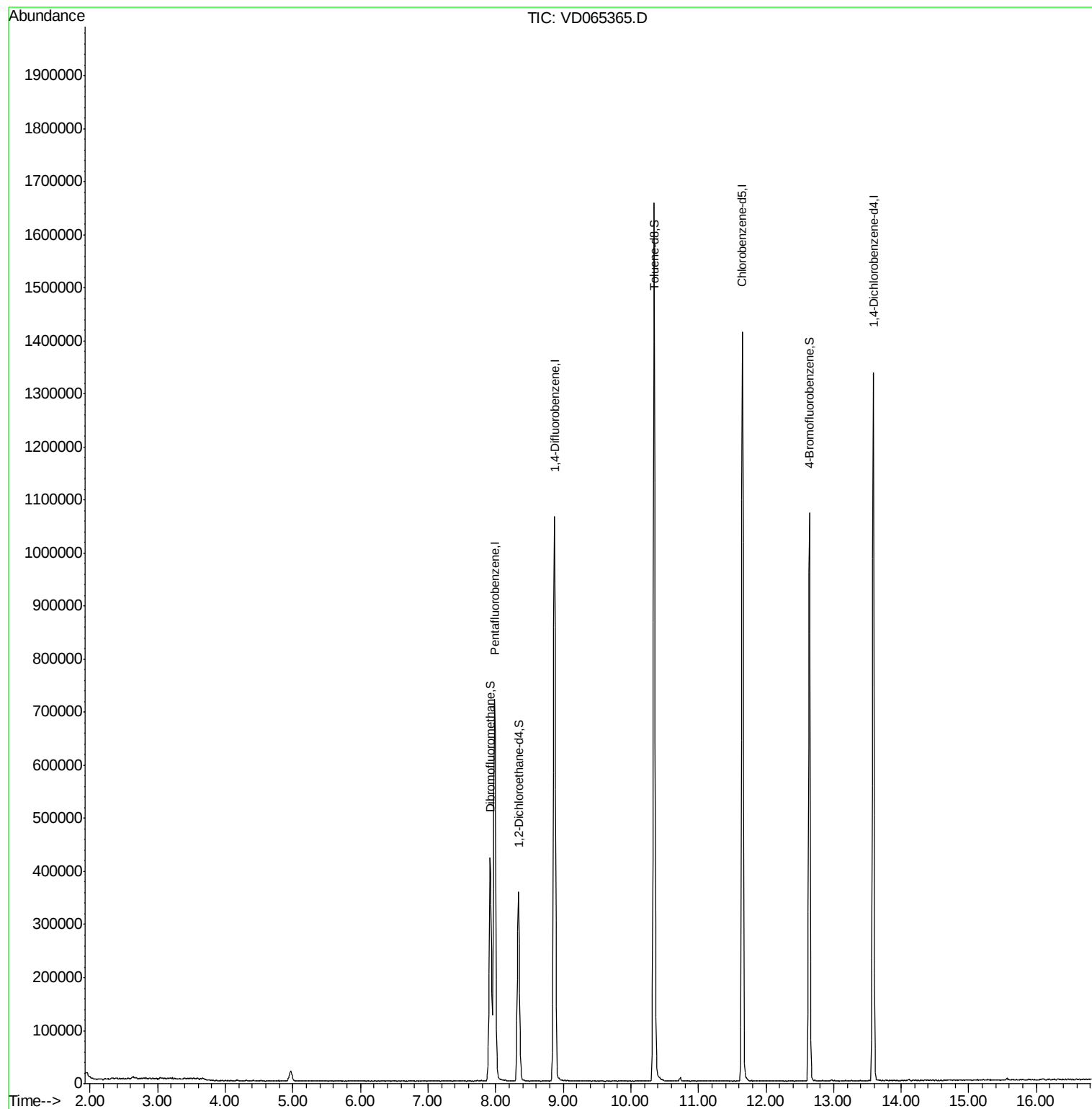
Target Compounds	Qvalue

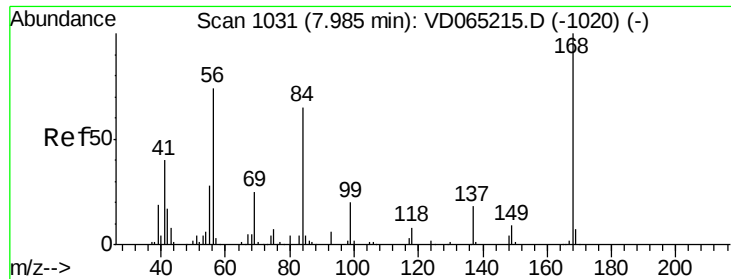
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022820\
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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: VD065365.D

Acq: 28 Feb 2020 18:13

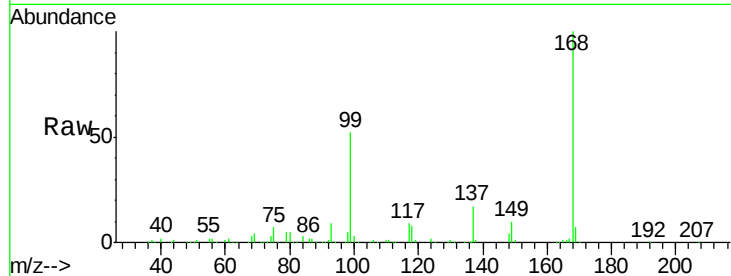
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:168 Resp: 556412

Ion Ratio Lower Upper

168 100

99 52.3 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

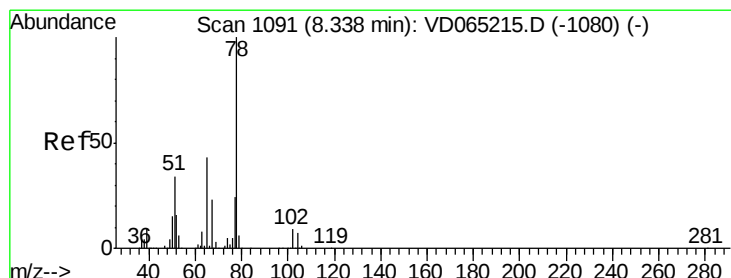
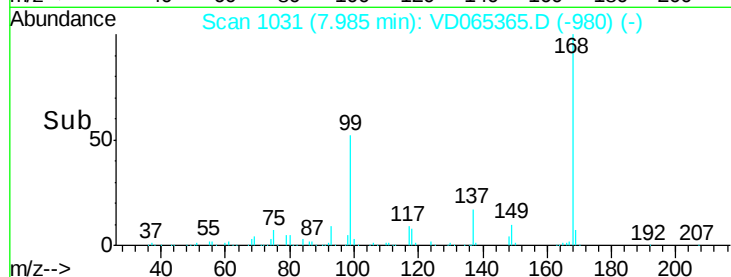
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.473 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065365.D

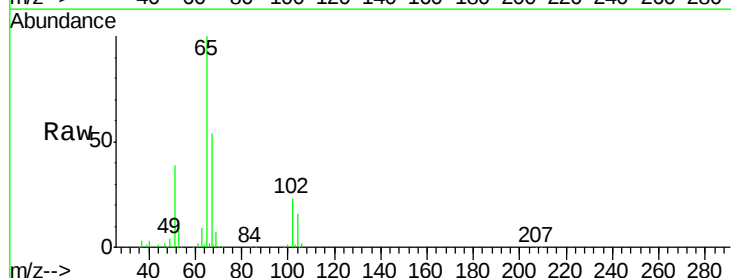
Acq: 28 Feb 2020 18:13

Tgt Ion: 65 Resp: 287682

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

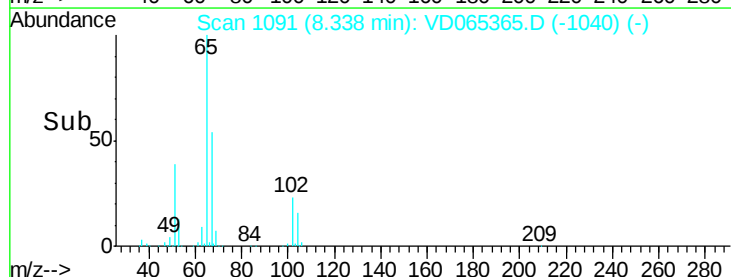
150000

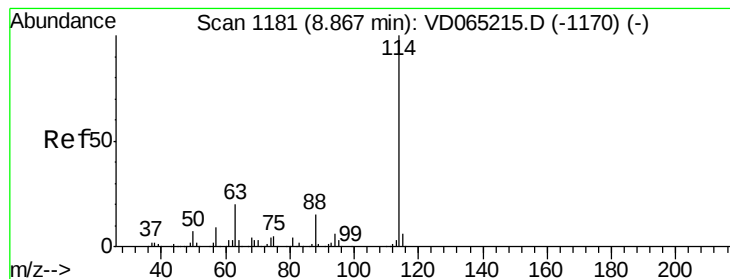
100000

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: VD065365.D

Acq: 28 Feb 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

TP-1

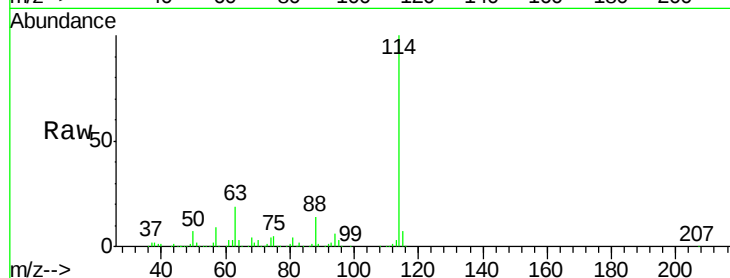
Tot Ion:114 Resp: 947316

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

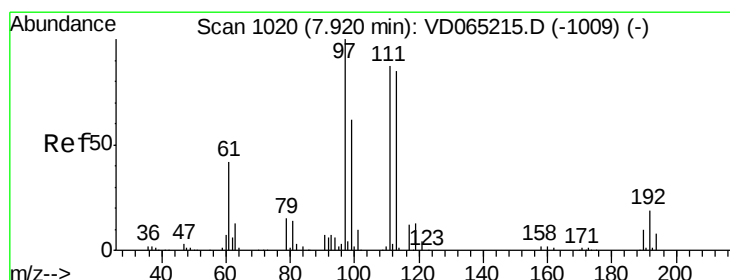
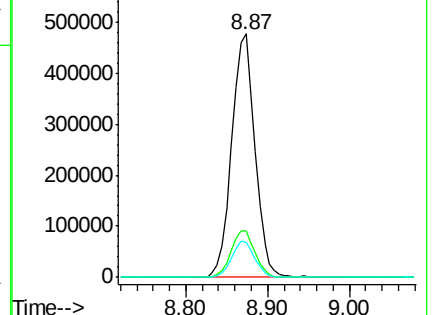
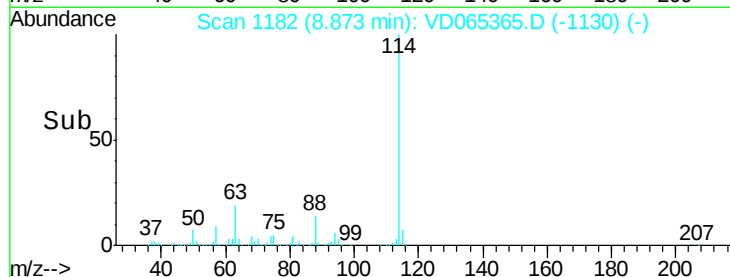
88 14.4 0.0 30.4



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: 52.367 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065365.D

Acq: 28 Feb 2020 18:13

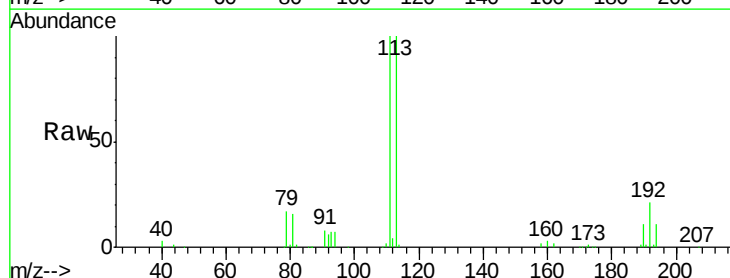
Tgt Ion:113 Resp: 302482

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

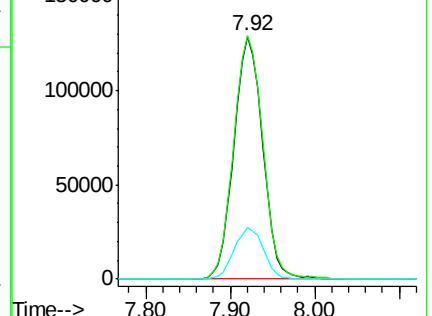
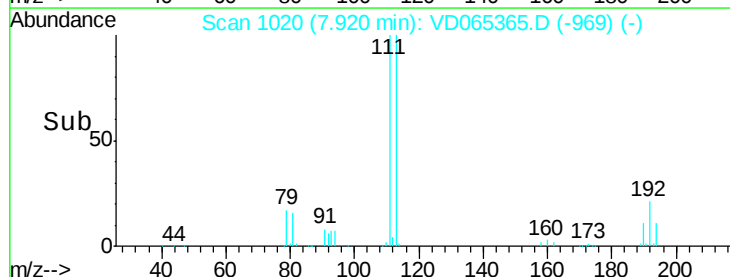
192 21.5 17.3 25.9

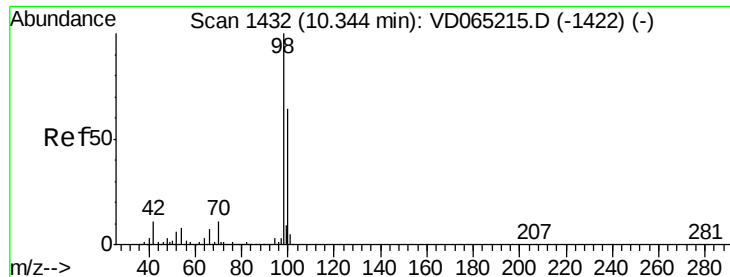


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

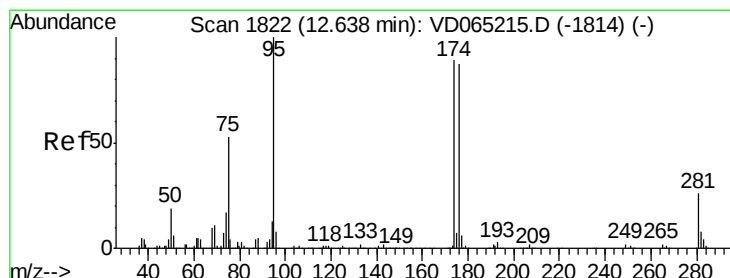
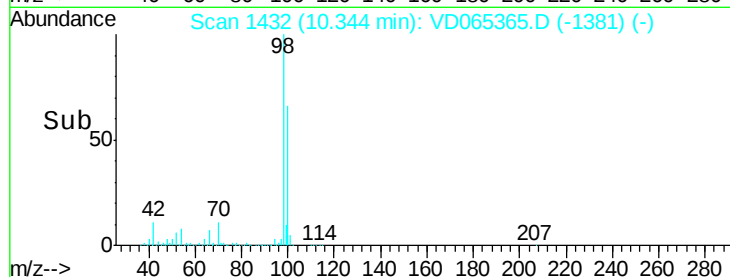
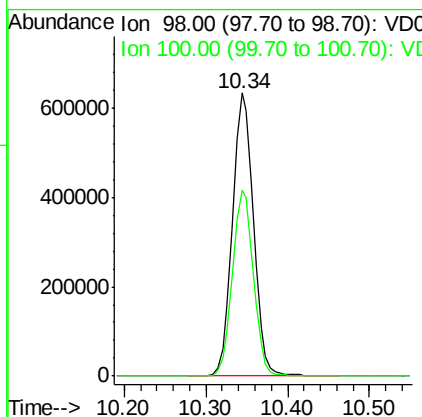
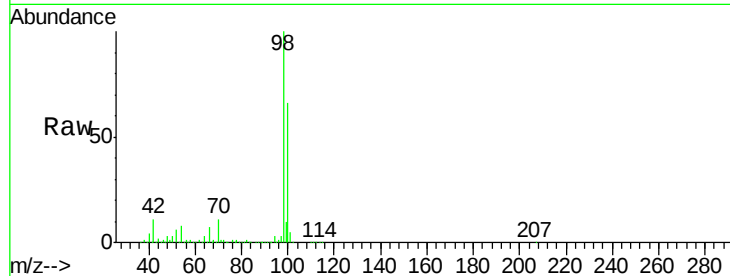




#50
Toluene-d8
Concen: 51.541 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

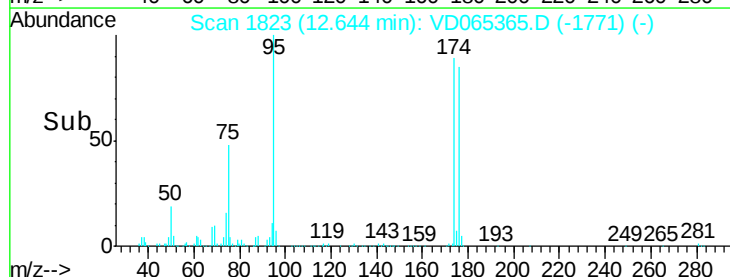
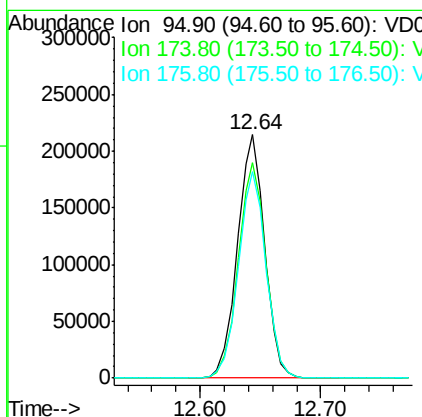
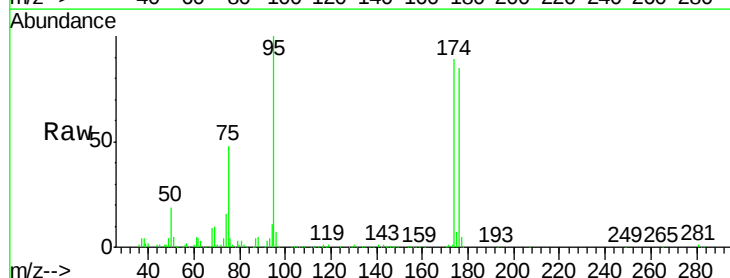
Instrument :
MSVOA_D
ClientSampled :
TP-1

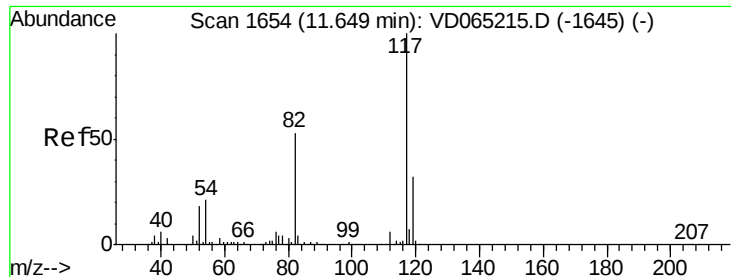
Tot Ion: 98 Resp: 1138119
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion: 95 Resp: 337084
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.0
176 86.0 0.0 174.4

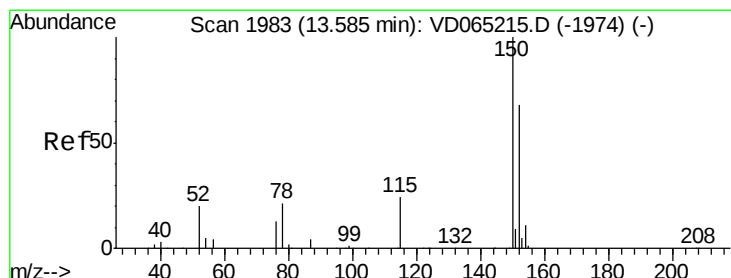
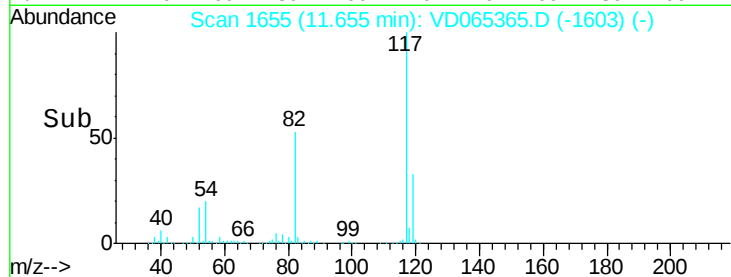
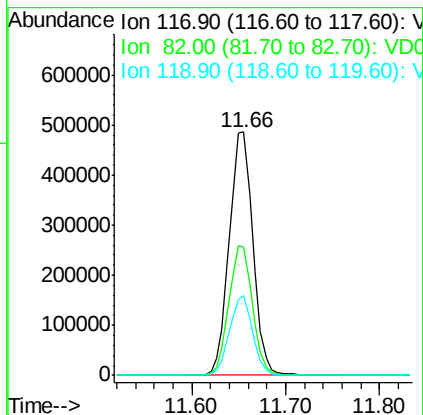
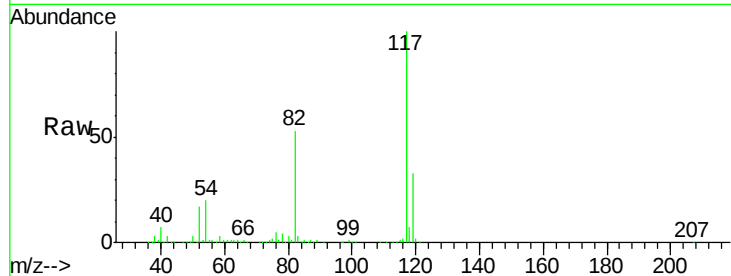




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 852789
Ion Ratio Lower Upper
117 100
82 52.9 42.7 64.1
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion:152 Resp: 382759
Ion Ratio Lower Upper
152 100
115 55.5 27.6 82.8
150 157.3 0.0 347.4

