

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065125.D
 Acq On : 10 Feb 2020 11:19
 Operator : VA/SY
 Sample : VD0210SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBL01

Quant Time: Feb 11 08:16:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	548380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	849448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	880590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	435774	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	245169	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.91	113	261487	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
50) Toluene-d8	10.34	98	1028829	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	12.64	95	391934	65.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.14%	

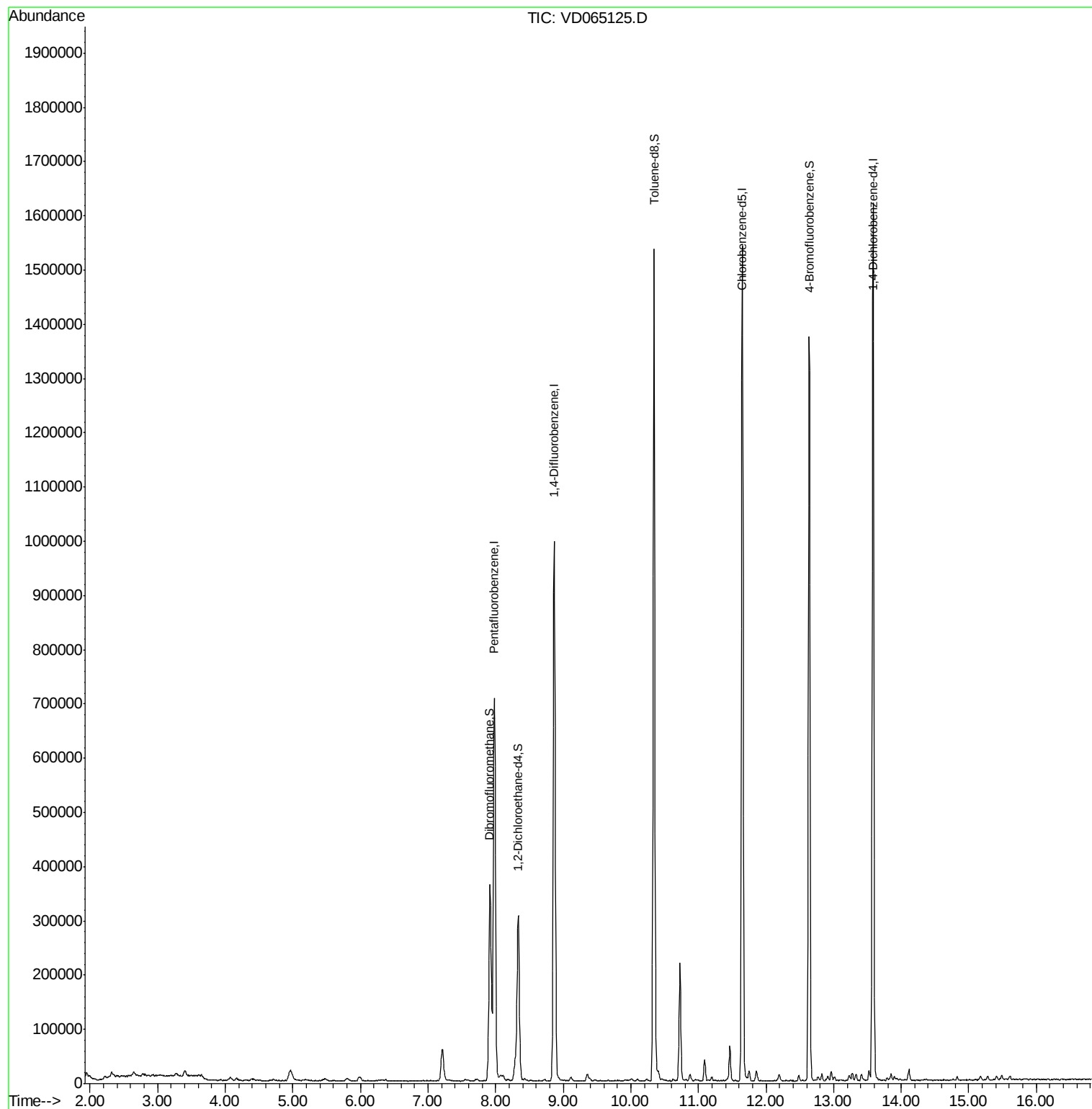
Target Compounds	Qvalue
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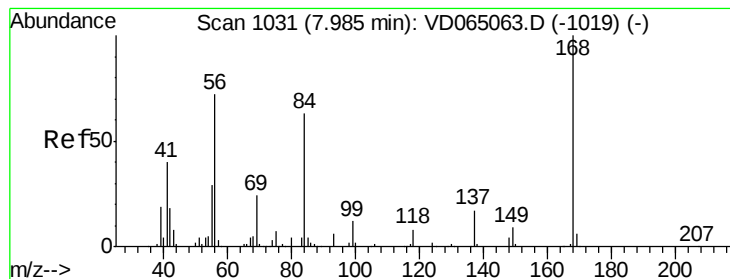
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021020\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065125.D

Acq: 10 Feb 2020 11:19

Instrument :

MSVOA_D

ClientSampleId :

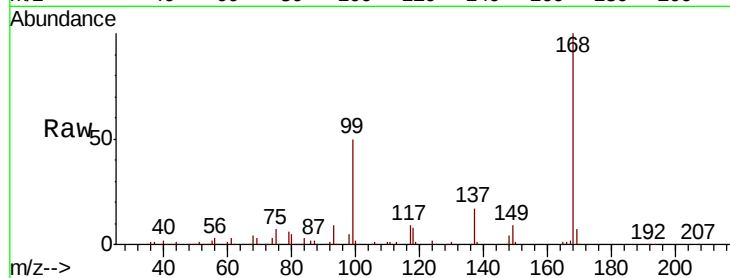
VD0210SBL01

Tot Ion:168 Resp: 548380

Ion Ratio Lower Upper

168 100

99 50.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

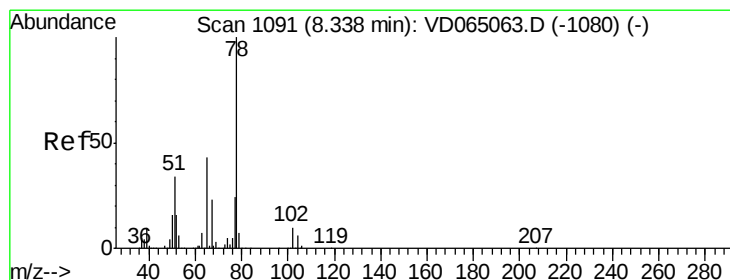
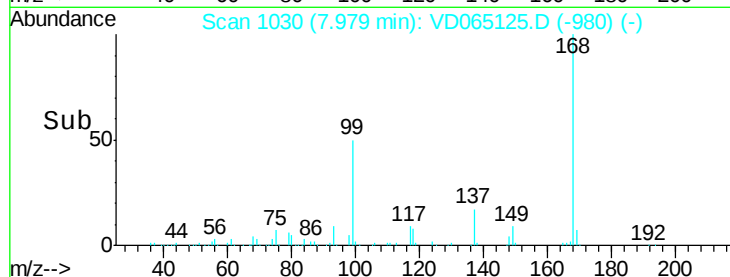
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.603 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065125.D

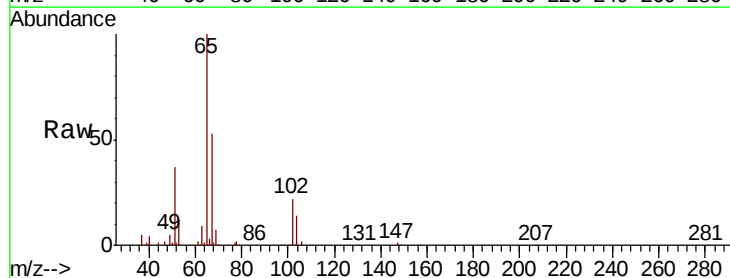
Acq: 10 Feb 2020 11:19

Tgt Ion: 65 Resp: 245169

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

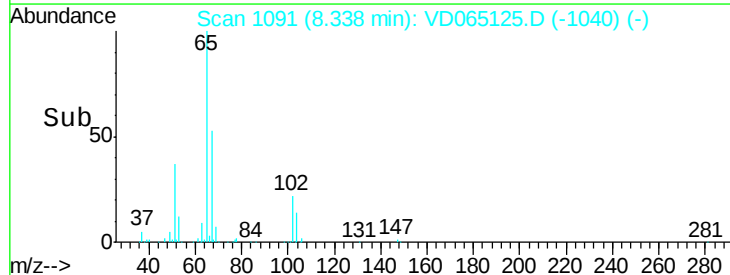
60000

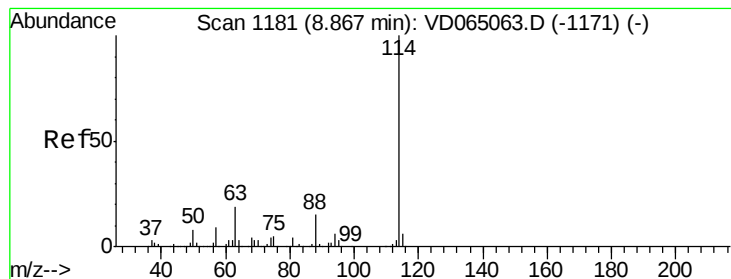
40000

20000

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: VD065125.D

Acq: 10 Feb 2020 11:19

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBL01

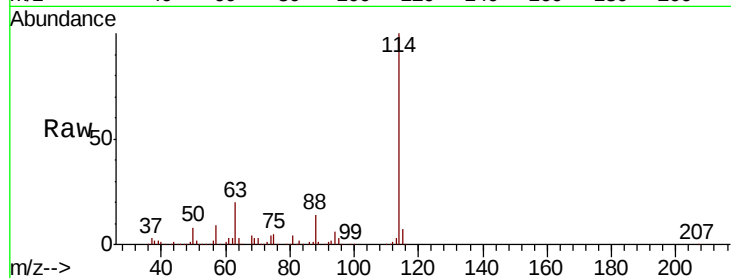
Tot Ion:114 Resp: 849448

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

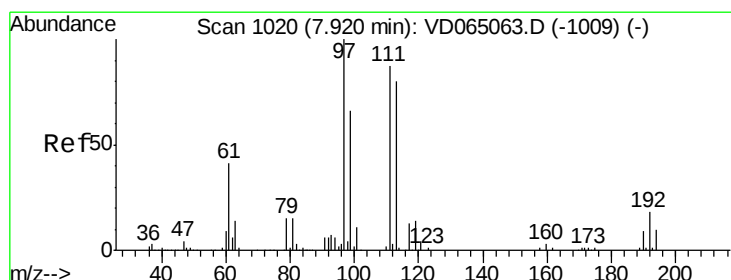
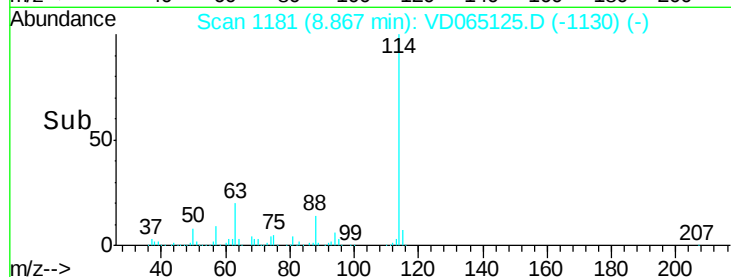
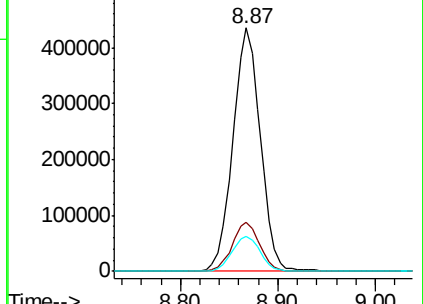
88 14.3 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 55.173 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065125.D

Acq: 10 Feb 2020 11:19

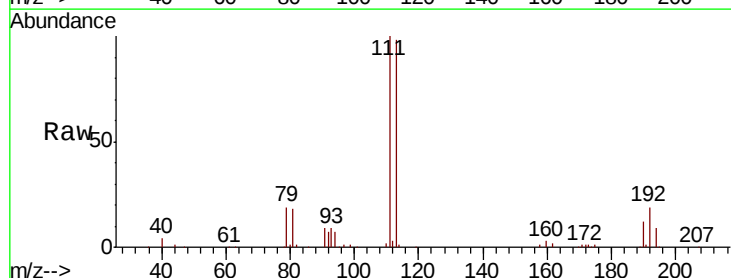
Tgt Ion:113 Resp: 261487

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

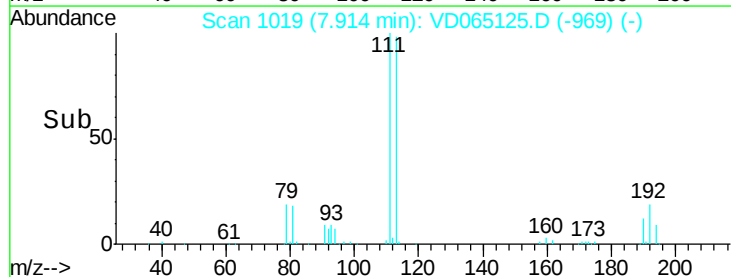
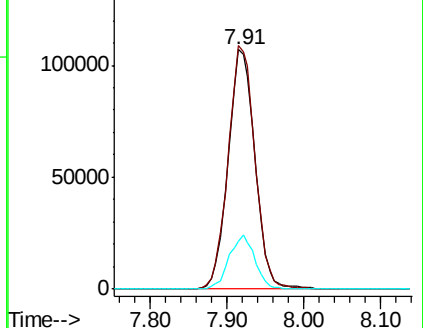
192 21.4 18.1 27.1

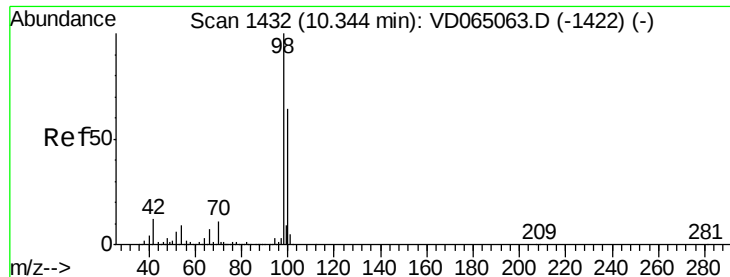


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

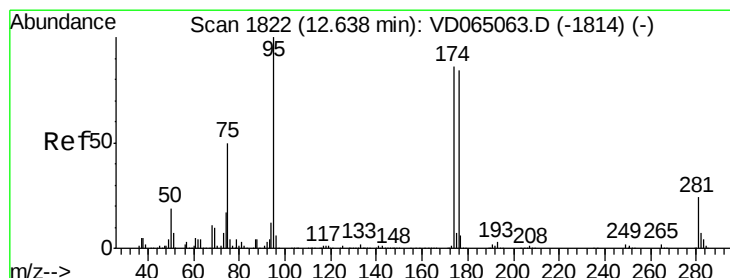
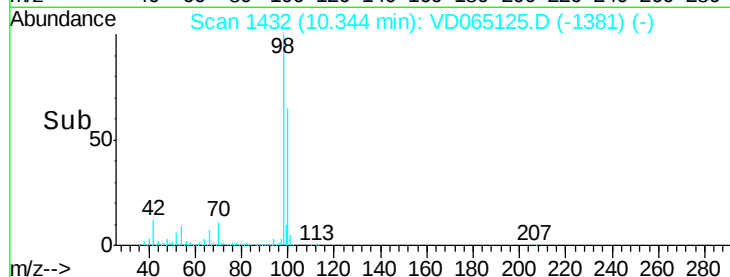
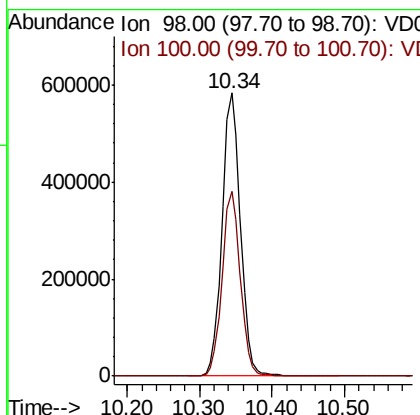
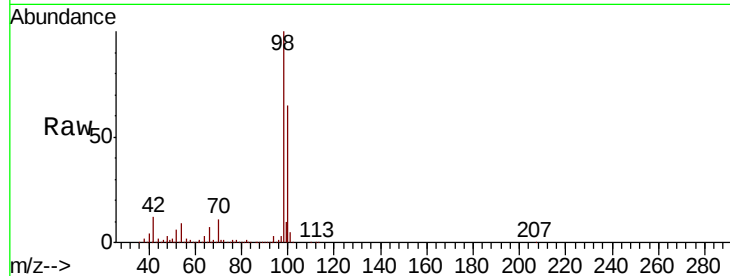




#50
Toluene-d8
Concen: 54.539 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065125.D
Acq: 10 Feb 2020 11:19

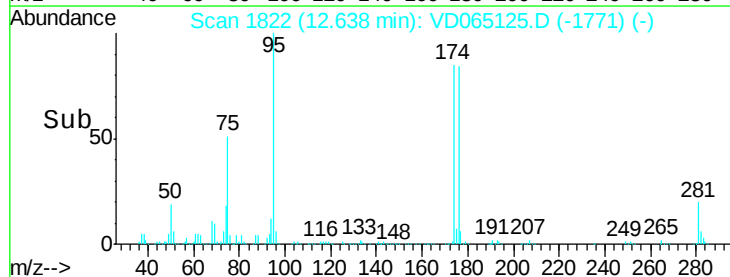
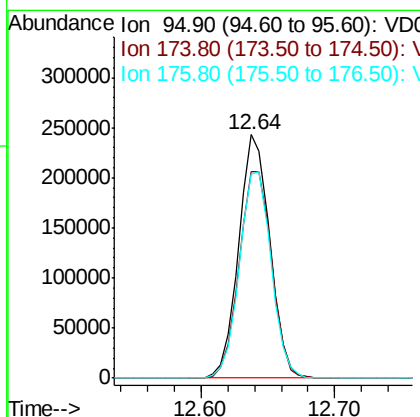
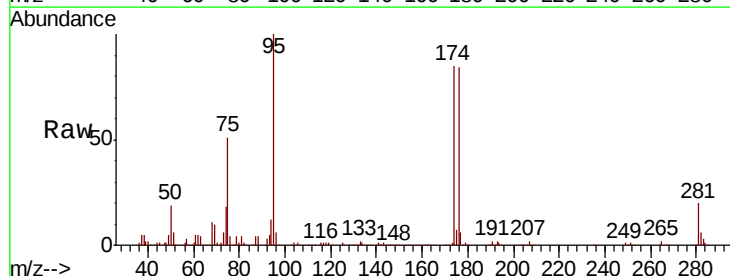
Instrument :
MSVOA_D
ClientSampleId :
VD0210SBL01

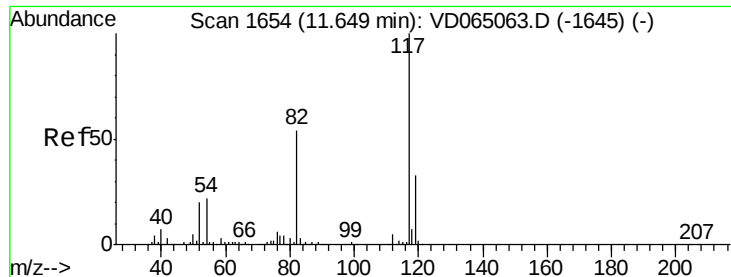
Tot Ion: 98 Resp: 1028829
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 65.570 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065125.D
Acq: 10 Feb 2020 11:19

Tgt Ion: 95 Resp: 391934
Ion Ratio Lower Upper
95 100
174 88.4 0.0 180.0
176 86.3 0.0 173.2

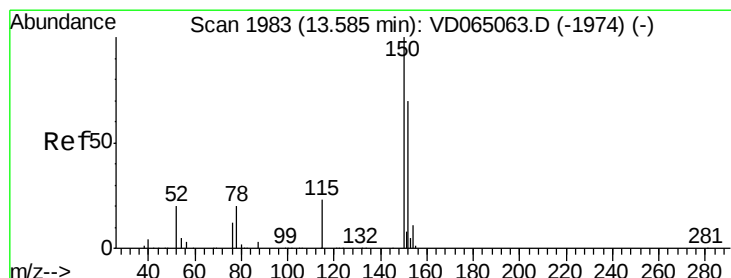
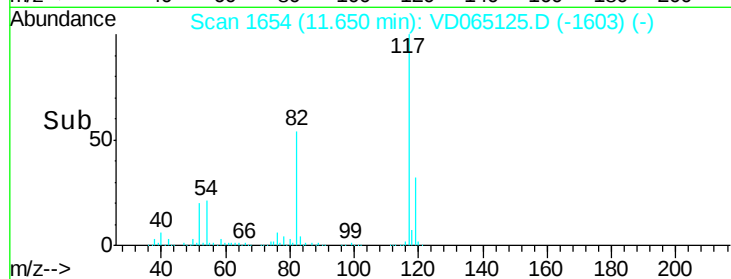
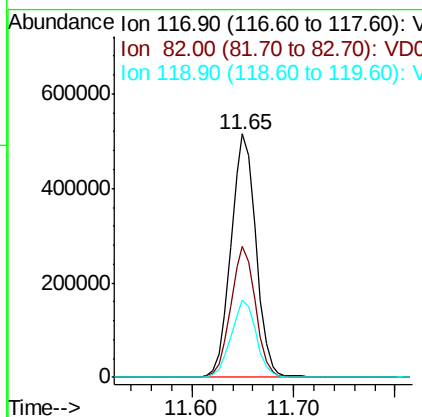
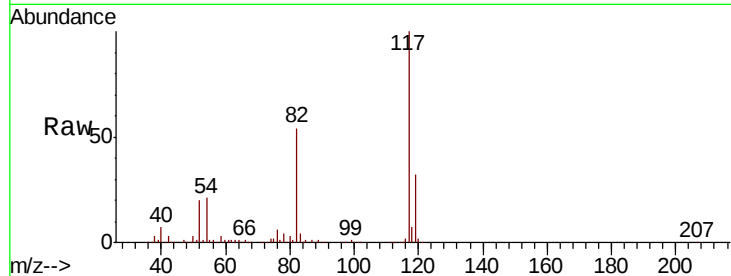




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065125.D
Acq: 10 Feb 2020 11:19

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBL01

Tot Ion:117 Resp: 880590
Ion Ratio Lower Upper
117 100
82 53.8 43.1 64.7
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065125.D
Acq: 10 Feb 2020 11:19

Tgt Ion:152 Resp: 435774
Ion Ratio Lower Upper
152 100
115 56.6 27.5 82.4
150 157.9 0.0 343.2

