

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065117.D
 Acq On : 07 Feb 2020 18:43
 Operator : VA/SY
 Sample : L1403-11
 Misc : 7.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11-12-12.5

Quant Time: Feb 08 00:54:41 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	476899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	811067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	403310	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	241801	59.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.32%	
35) Dibromofluoromethane	7.92	113	243085	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
50) Toluene-d8	10.34	98	946525	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.64	95	351076	64.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.70%	

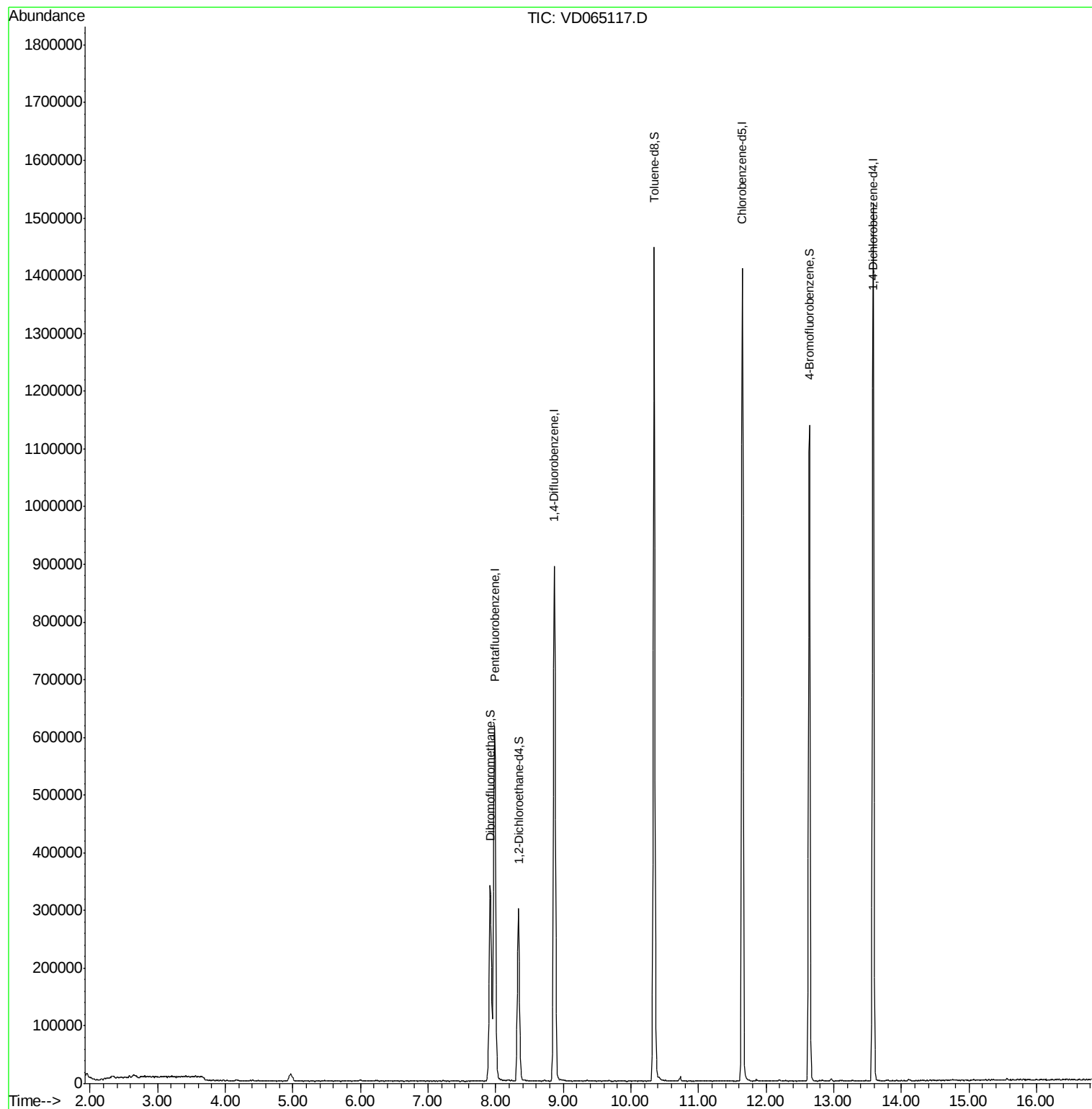
Target Compounds	Qvalue

(#) = 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

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MSVOA_D

ClientSampleId :

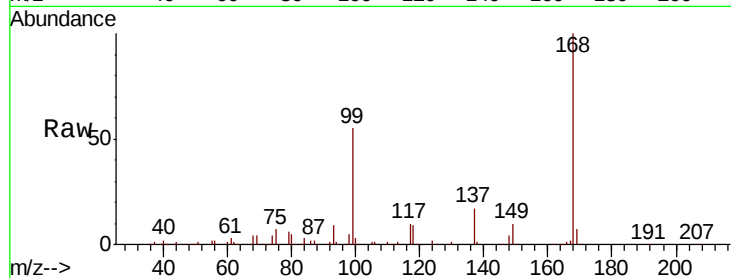
SB-11-12-12.5

Tot Ion:168 Resp: 476899

Ion Ratio Lower Upper

168 100

99 55.5 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

200000

150000

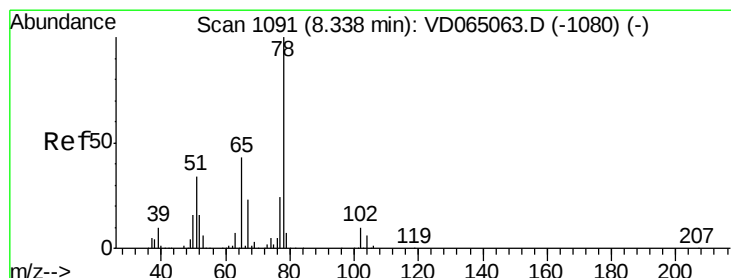
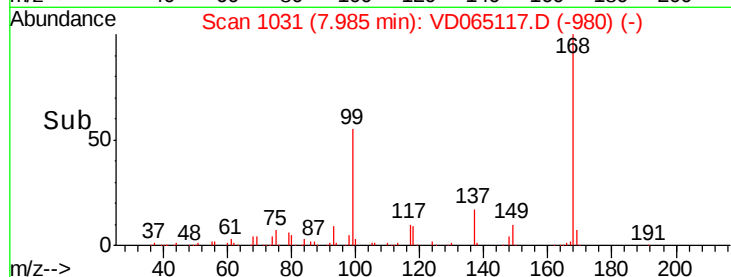
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.656 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065117.D

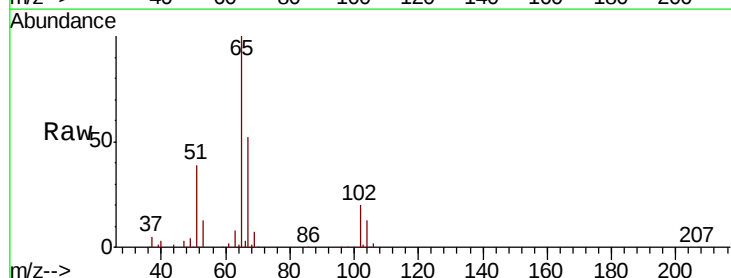
Acq: 07 Feb 2020 18:43

Tgt Ion: 65 Resp: 241801

Ion Ratio Lower Upper

65 100

67 51.1 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

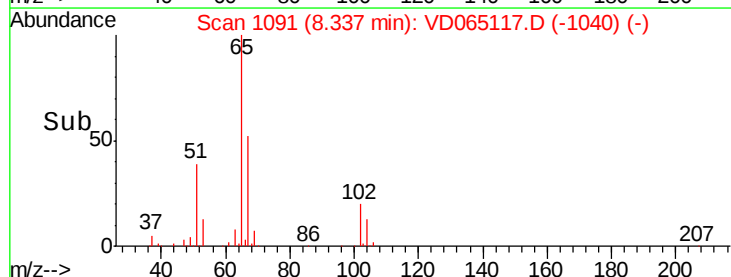
40000

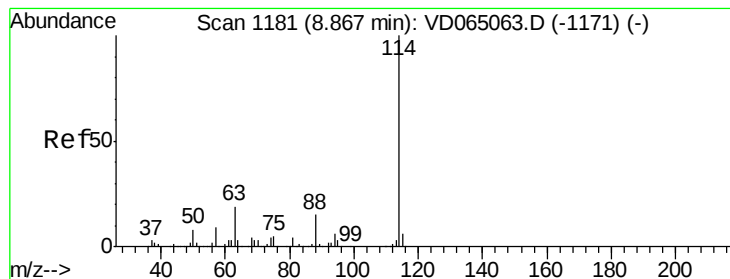
20000

0

8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065117.D

Acq: 07 Feb 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

SB-11-12-12.5

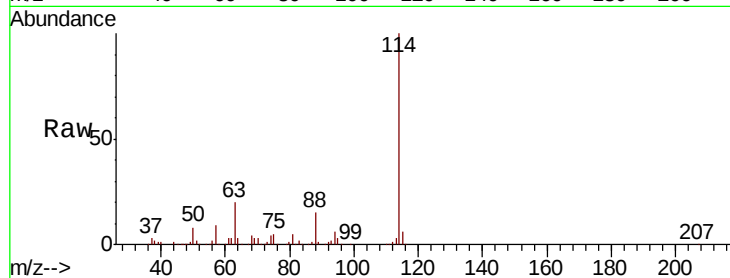
Tot Ion:114 Resp: 769323

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

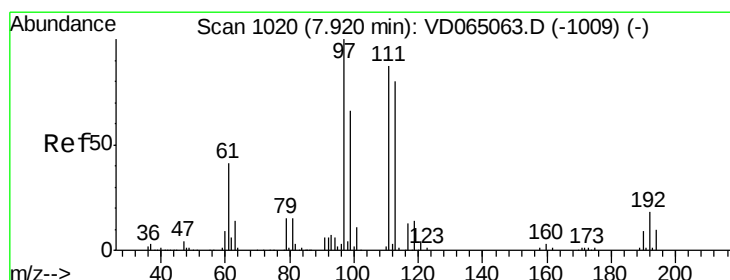
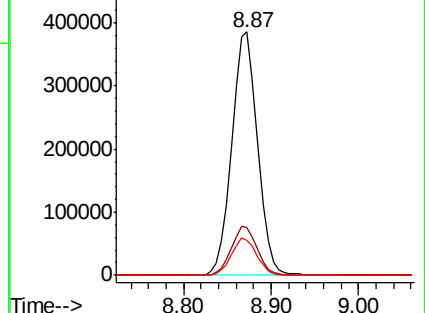
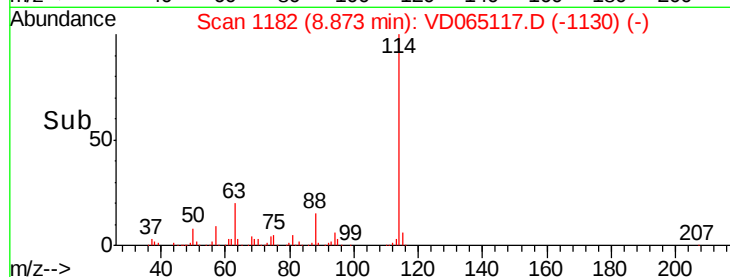
88 14.6 0.0 29.6



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: 56.632 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065117.D

Acq: 07 Feb 2020 18:43

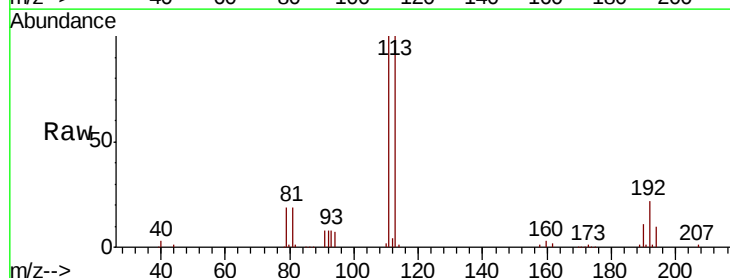
Tgt Ion:113 Resp: 243085

Ion Ratio Lower Upper

113 100

111 101.9 83.1 124.7

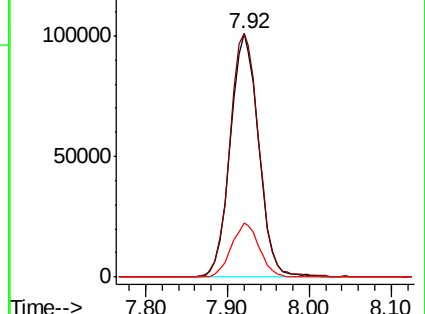
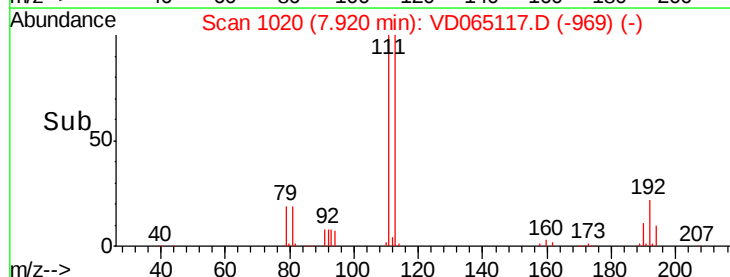
192 21.9 18.1 27.1

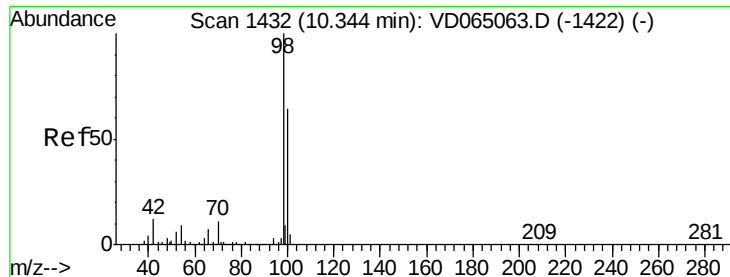


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

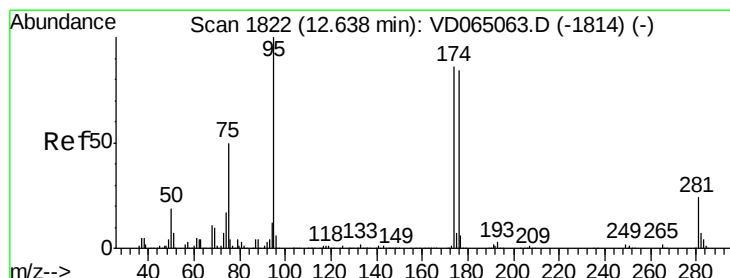
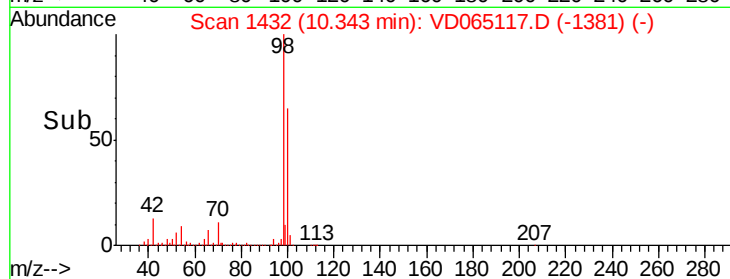
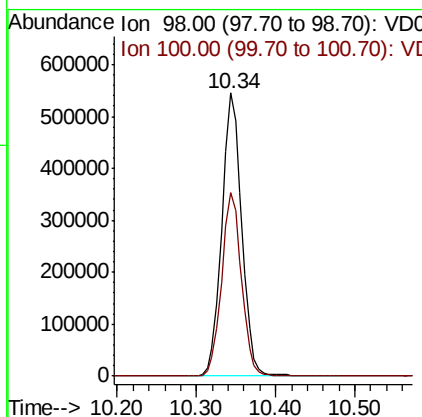
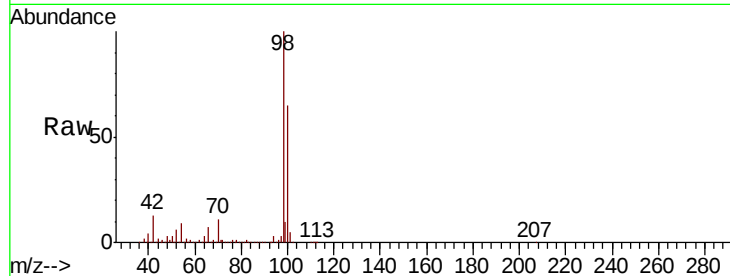




#50
Toluene-d8
Concen: 55.402 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

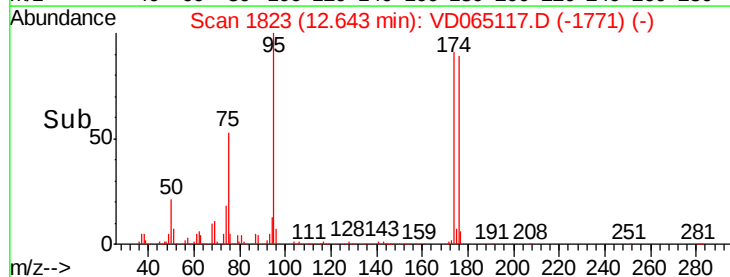
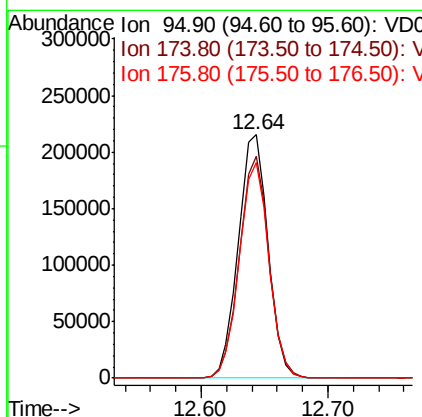
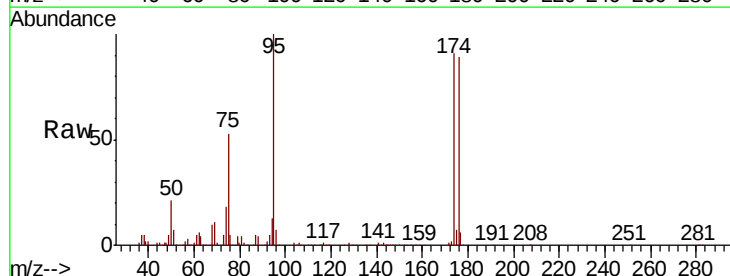
Instrument :
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SB-11-12-12.5

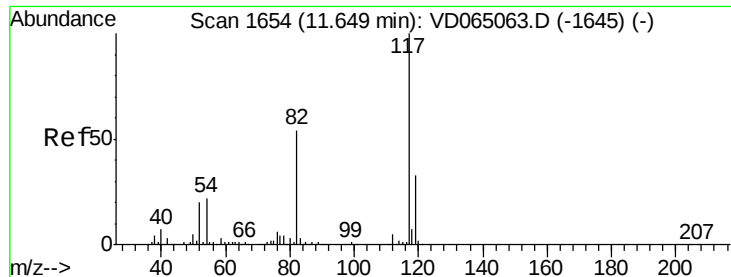
Tot Ion: 98 Resp: 946525
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 64.852 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

Tgt Ion: 95 Resp: 351076
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.0
176 87.8 0.0 173.2

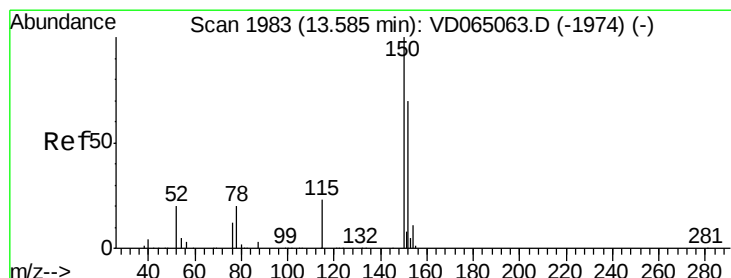
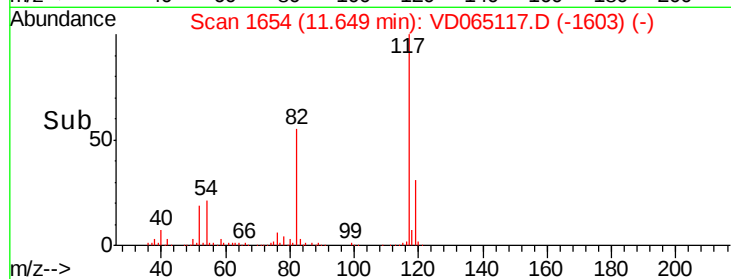
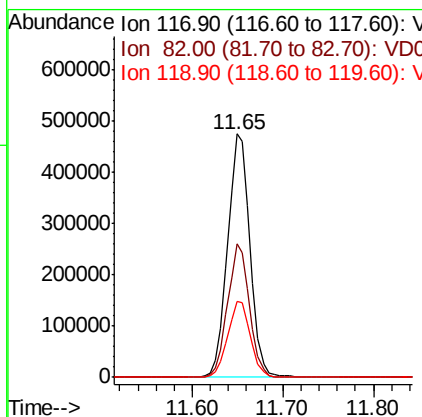
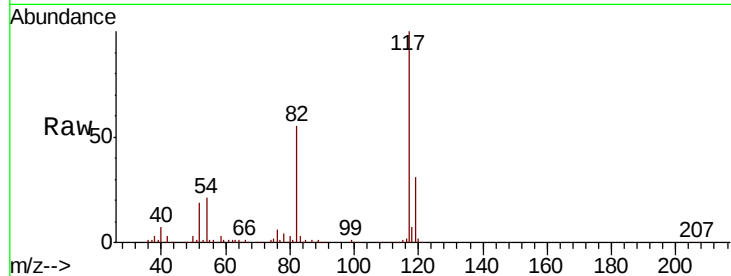




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
SB-11-12-12.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.1	64.7
119	31.2	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: VD065117.D
Acq: 07 Feb 2020 18:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.5	82.4
150	156.5	0.0	343.2

