

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064898.D
 Acq On : 20 Jan 2020 18:57
 Operator : VA/SY
 Sample : L1189-02
 Misc : 4.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-13.5-14.0

Quant Time: Jan 21 05:52:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	449024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	746198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	704998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	330170	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	226399	57.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.36%	
35) Dibromofluoromethane	7.93	113	238567	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.34	98	927468	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.64	95	288128	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

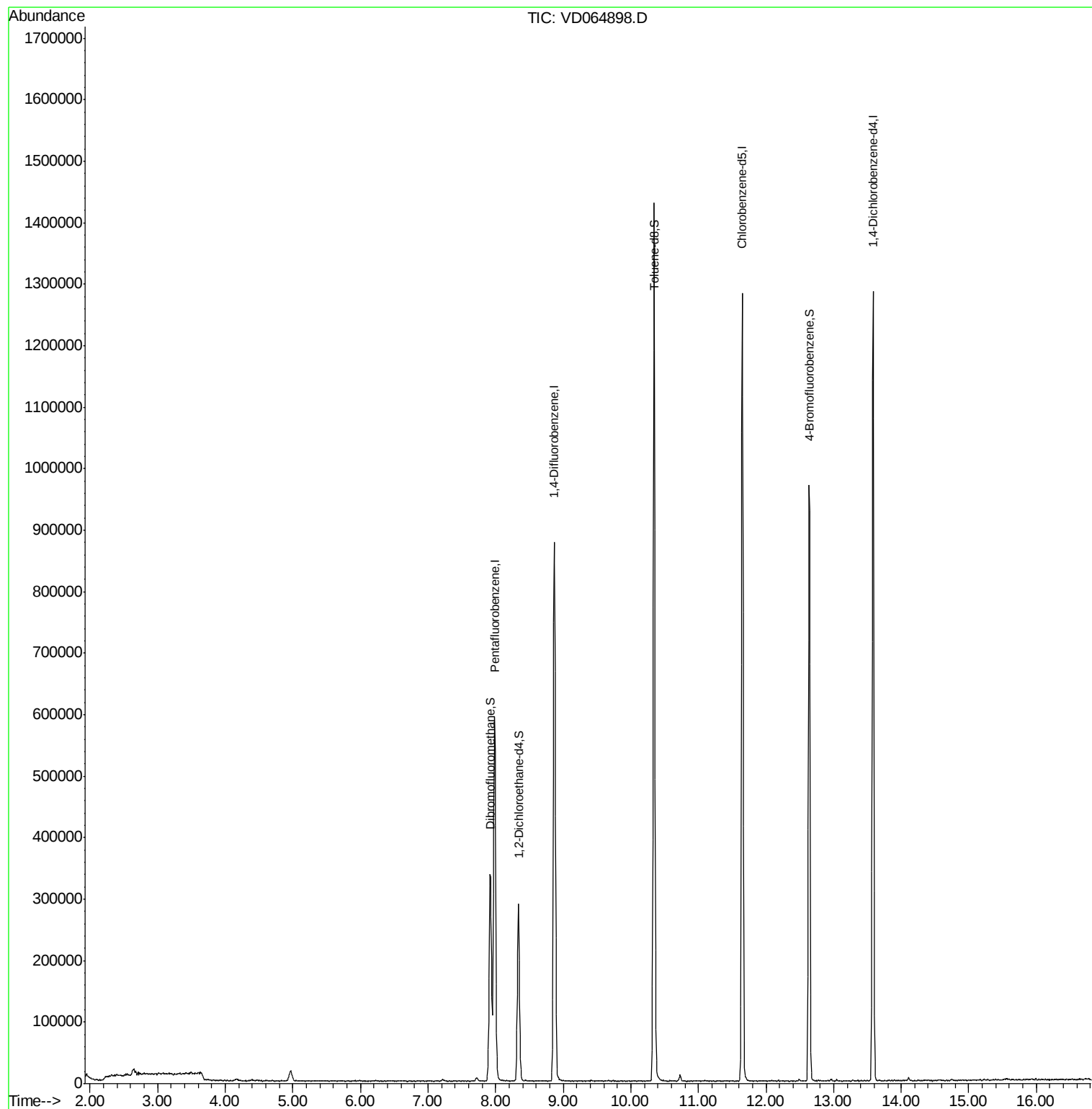
Target Compounds	Qvalue

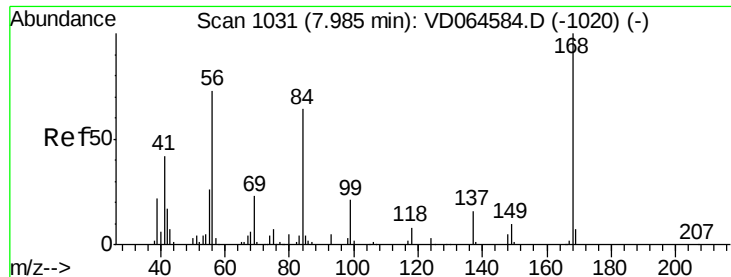
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064898.D

Acq: 20 Jan 2020 18:57

Instrument :

MSVOA_D

ClientSampleId :

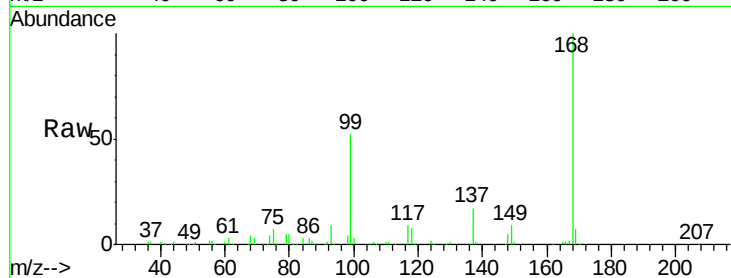
SB-2-13.5-14.0

Tot Ion:168 Resp: 449024

Ion Ratio Lower Upper

168 100

99 52.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

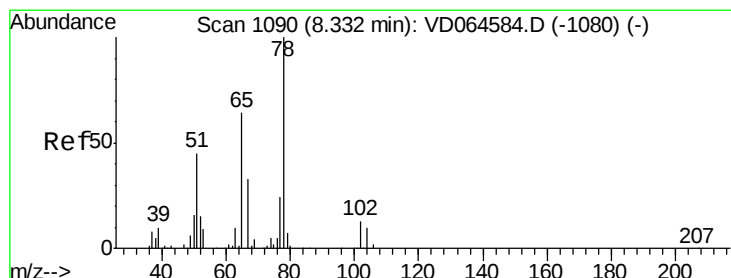
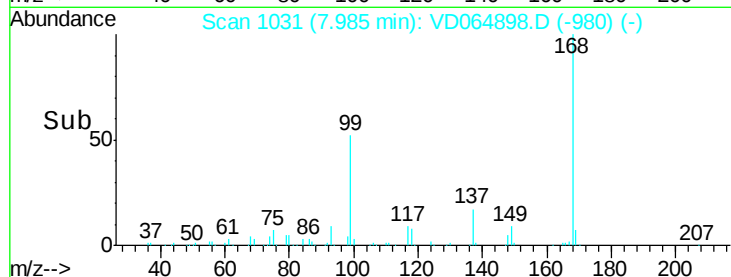
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.180 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064898.D

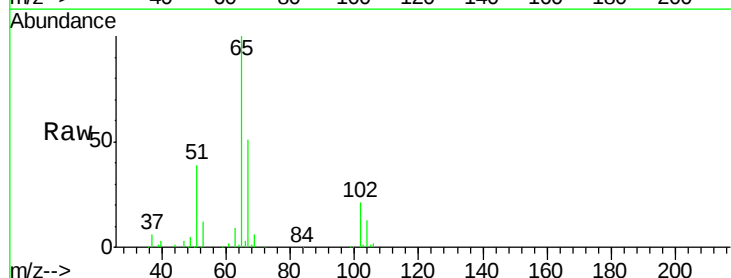
Acq: 20 Jan 2020 18:57

Tgt Ion: 65 Resp: 226399

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2



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

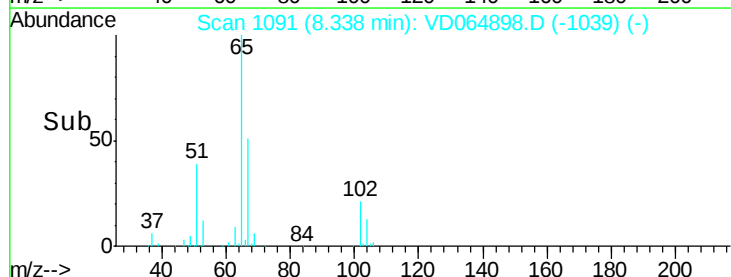
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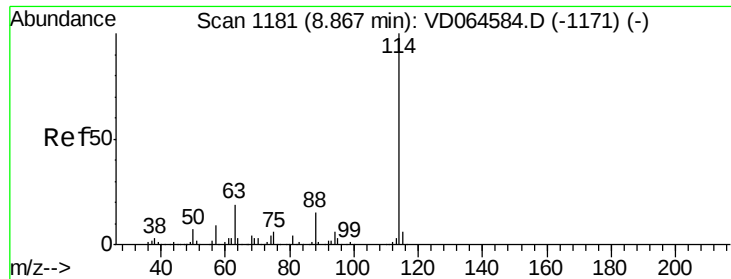
20000

0

8.20 8.30 8.40

Time-->

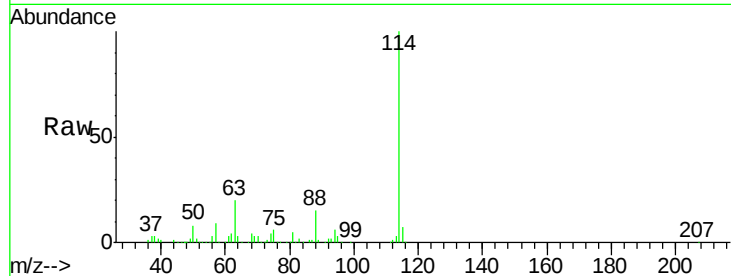




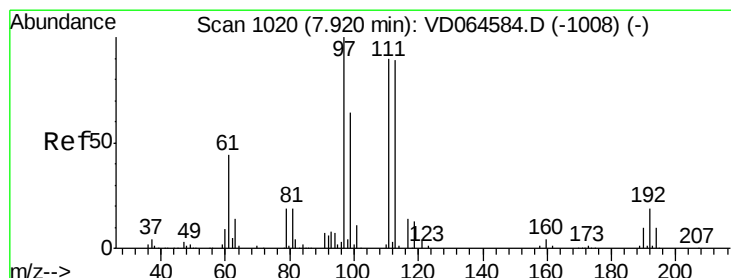
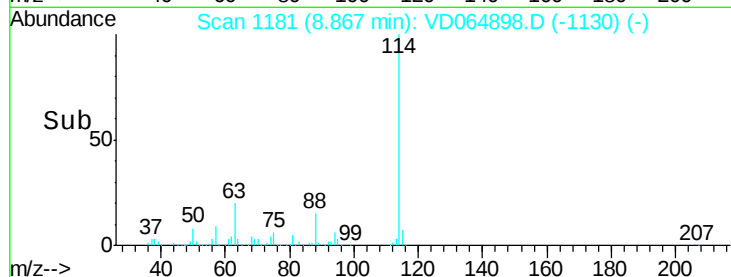
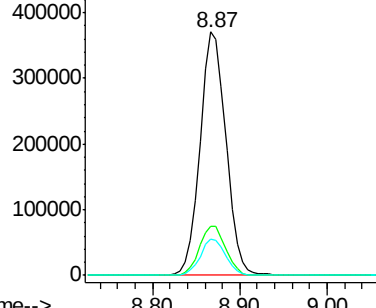
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064898.D
 Acq: 20 Jan 2020 18:57

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-13.5-14.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.0
88	14.7	0.0	29.2

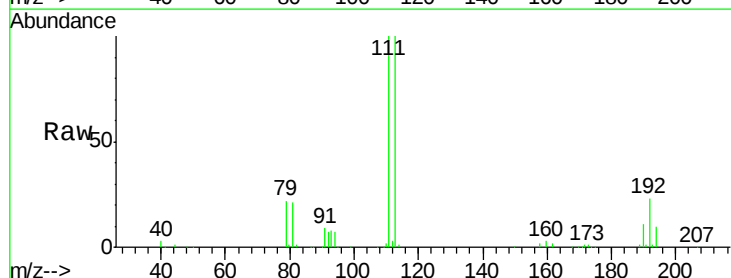


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

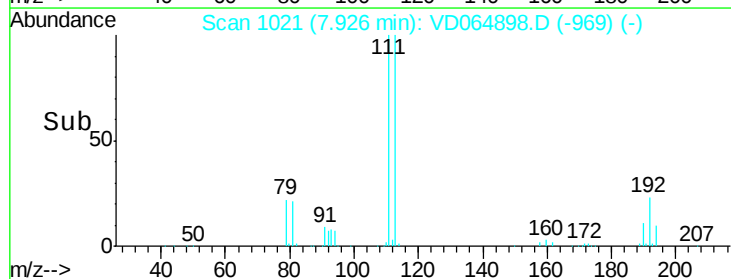
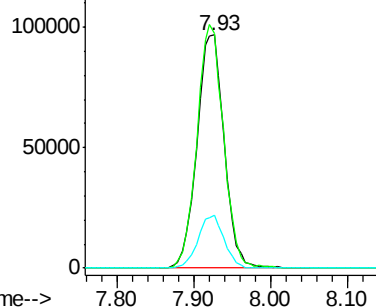


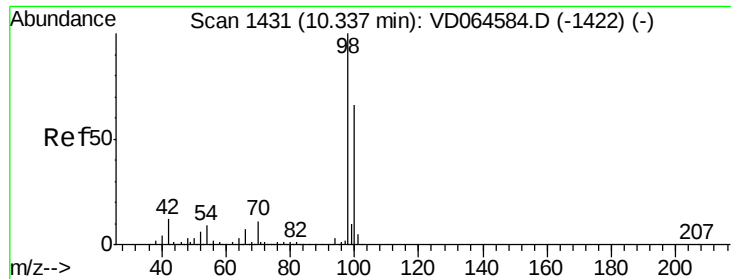
#35
 Dibromofluoromethane
 Concen: 52.111 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD064898.D
 Acq: 20 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.6	121.0
192	21.7	17.9	26.9



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: 52.897 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064898.D

Acq: 20 Jan 2020 18:57

Instrument :

MSVOA_D

ClientSampleId :

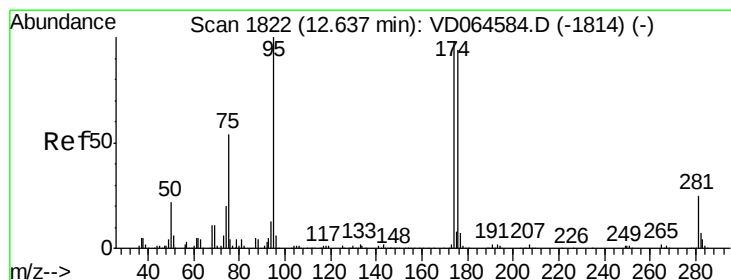
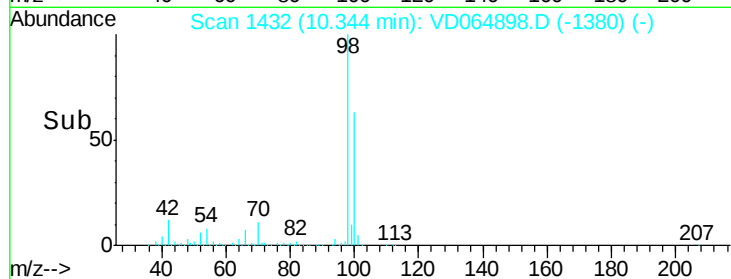
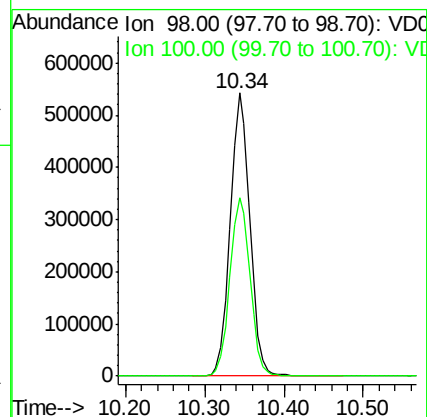
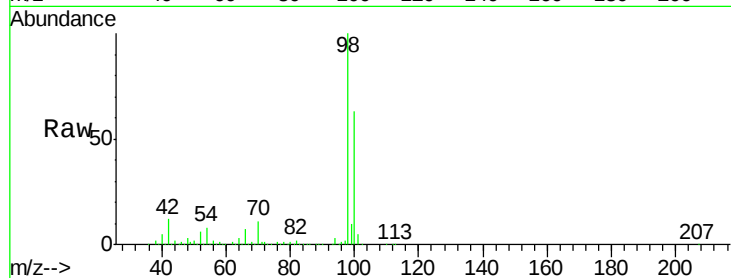
SB-2-13.5-14.0

Tot Ion: 98 Resp: 927468

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 51.969 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064898.D

Acq: 20 Jan 2020 18:57

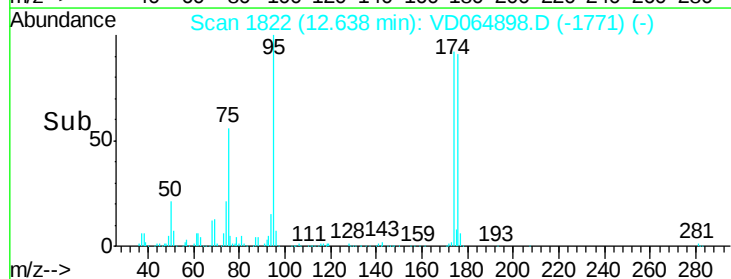
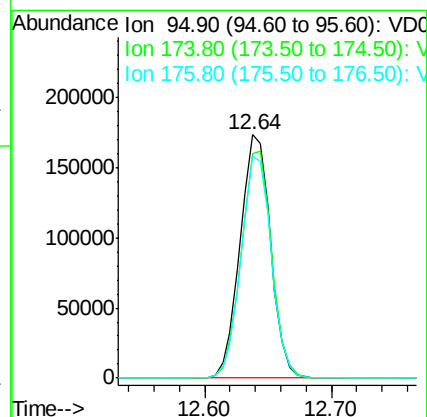
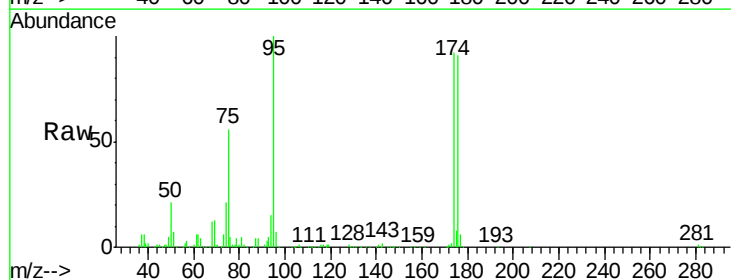
Tgt Ion: 95 Resp: 288128

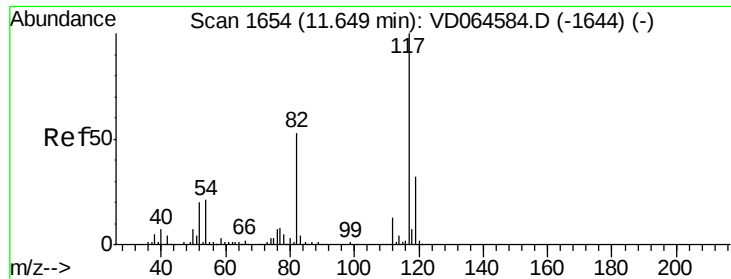
Ion Ratio Lower Upper

95 100

174 93.3 0.0 193.2

176 91.0 0.0 184.2

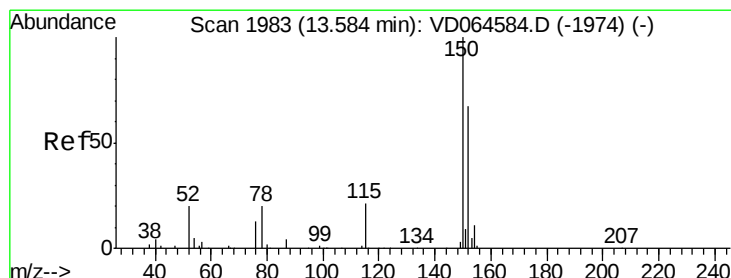
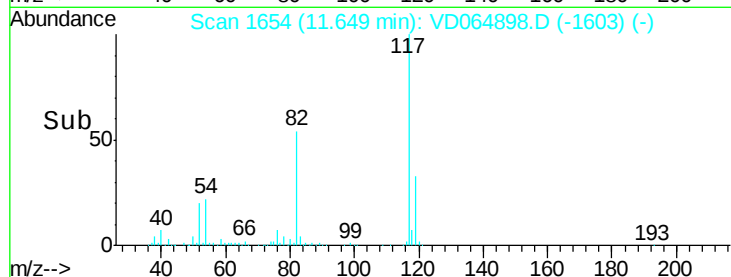
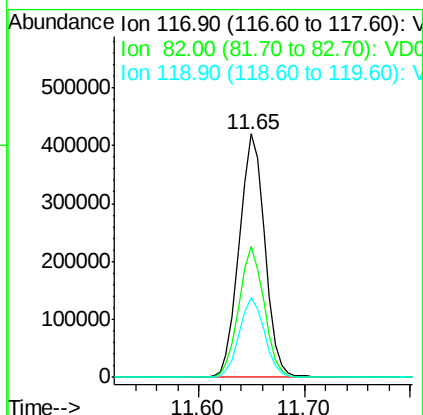
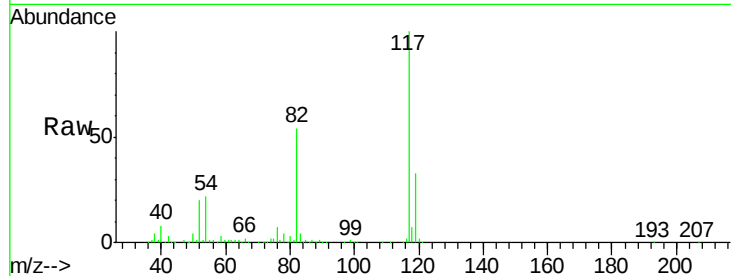




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064898.D
Acq: 20 Jan 2020 18:57

Instrument :
MSVOA_D
ClientSampleId :
SB-2-13.5-14.0

Tot Ion:117 Resp: 704998
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.5 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: VD064898.D
Acq: 20 Jan 2020 18:57

Tgt Ion:152 Resp: 330170
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 160.1 0.0 351.4

