

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064895.D
 Acq On : 20 Jan 2020 17:30
 Operator : VA/SY
 Sample : L1189-07
 Misc : 6.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7-13.5-14.0

Quant Time: Jan 21 05:45:24 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	442616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	744596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	696686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335398	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	229734	58.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.72%	
35) Dibromofluoromethane	7.92	113	238355	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.34	98	913010	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.64	95	293105	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

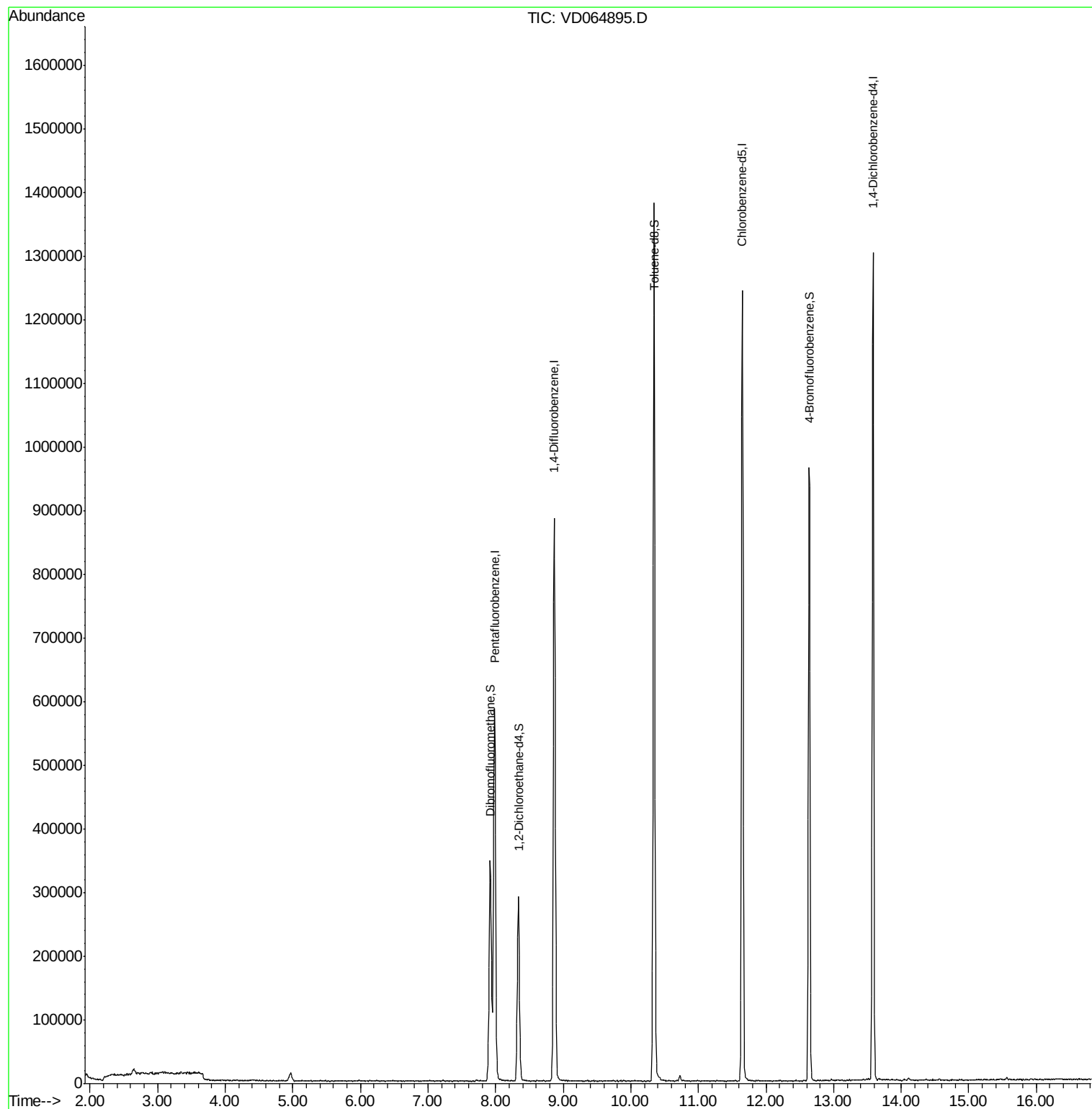
Target Compounds	Qvalue

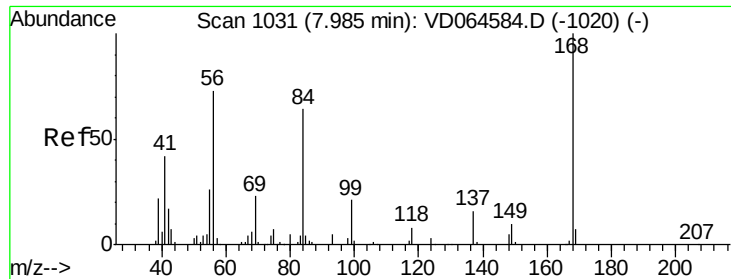
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD064895.D

Acq: 20 Jan 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

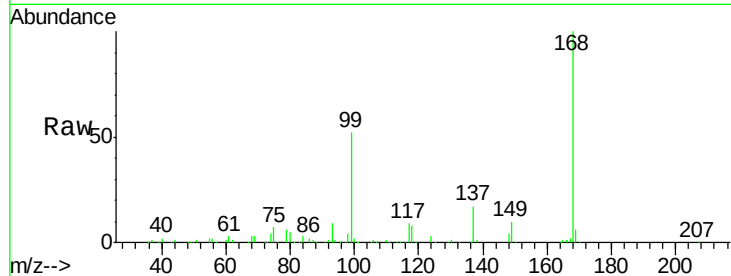
SB-7-13.5-14.0

Tot Ion:168 Resp: 442616

Ion Ratio Lower Upper

168 100

99 51.5 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

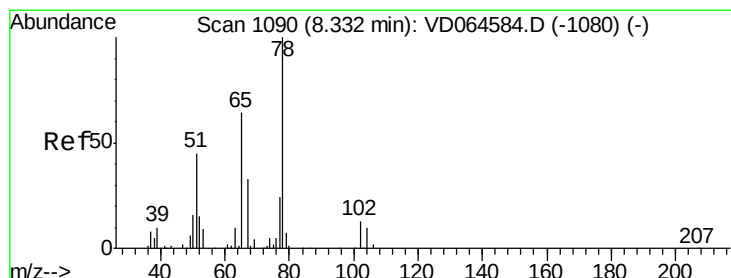
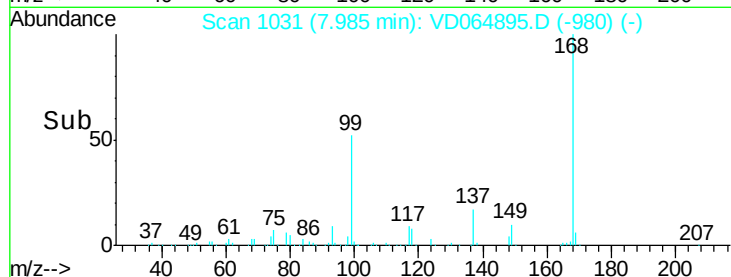
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.862 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064895.D

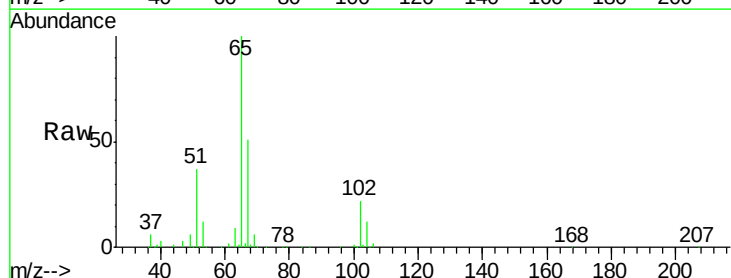
Acq: 20 Jan 2020 17:30

Tgt Ion: 65 Resp: 229734

Ion Ratio Lower Upper

65 100

67 51.7 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

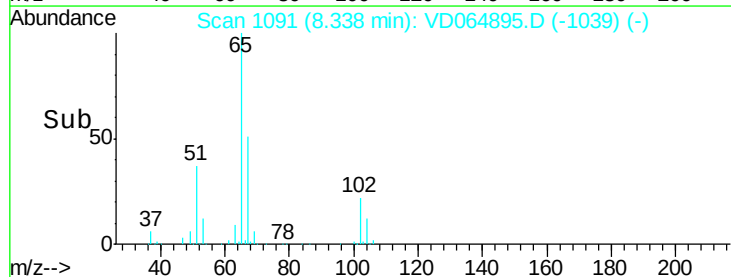
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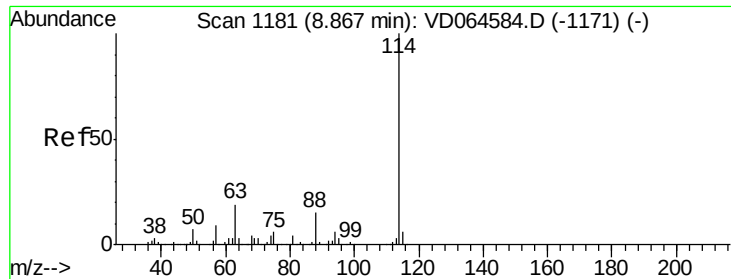
40000

20000

0

Time-->

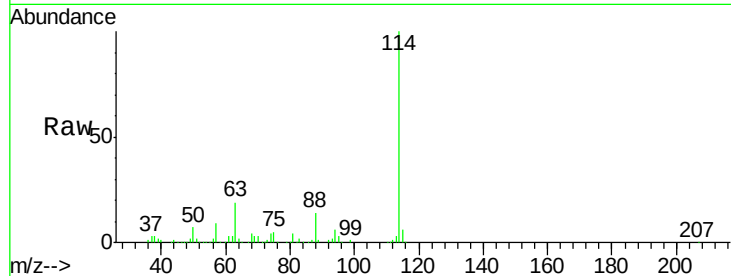




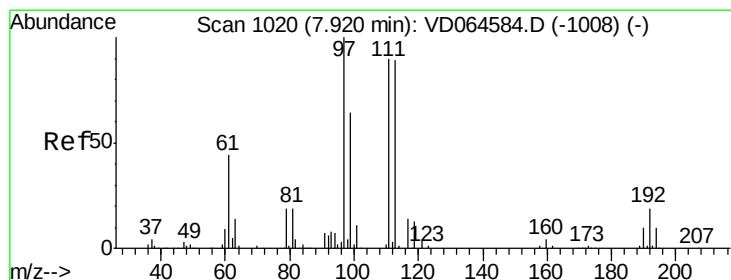
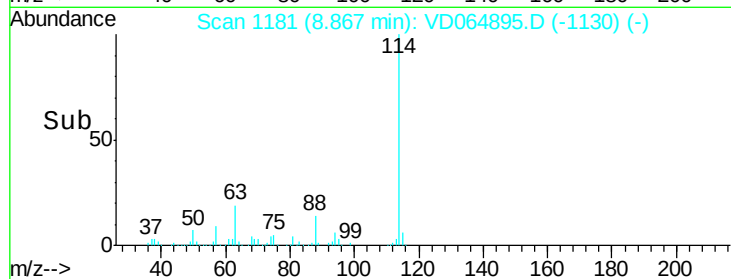
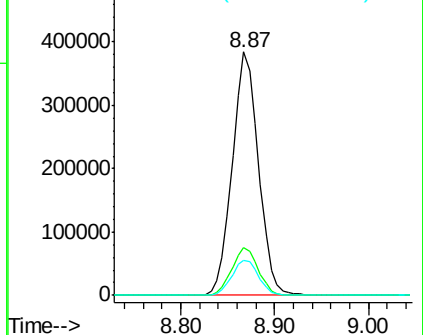
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064895.D
 Acq: 20 Jan 2020 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7-13.5-14.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.0
88	14.2	0.0	29.2

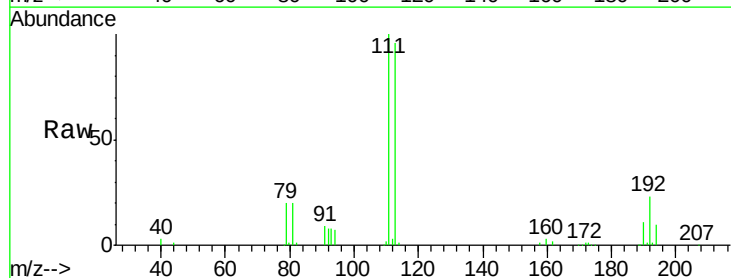


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

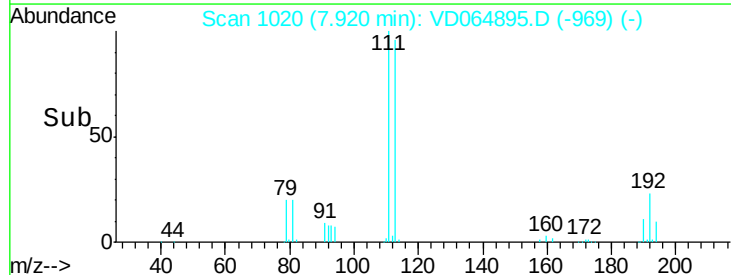
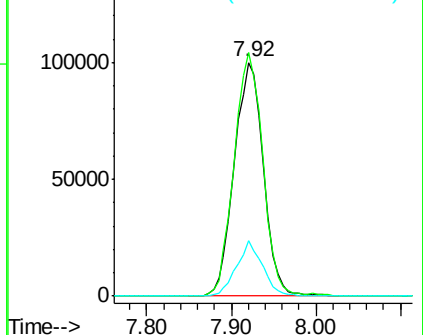


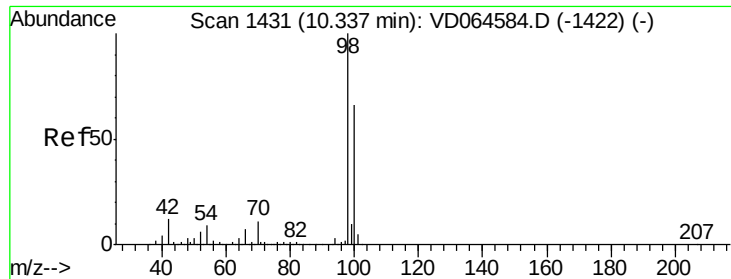
#35
 Dibromofluoromethane
 Concen: 52.177 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064895.D
 Acq: 20 Jan 2020 17:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.6	121.0
192	21.1	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

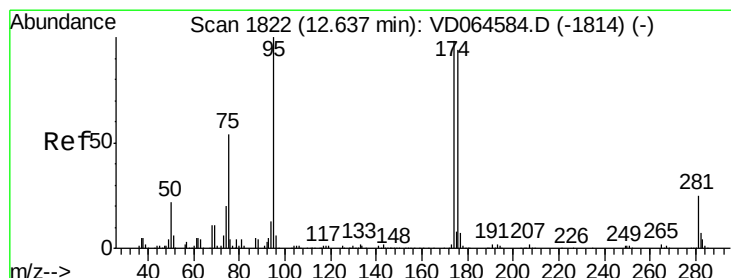
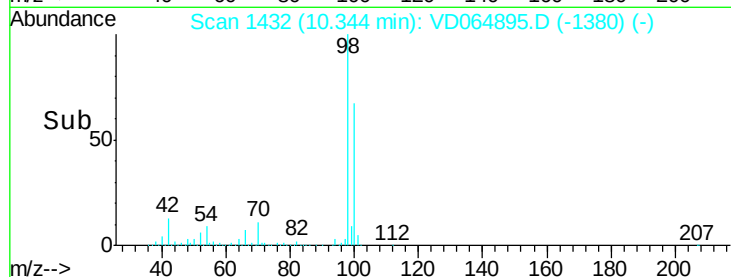
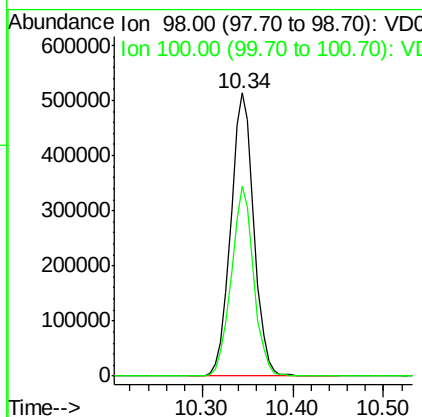
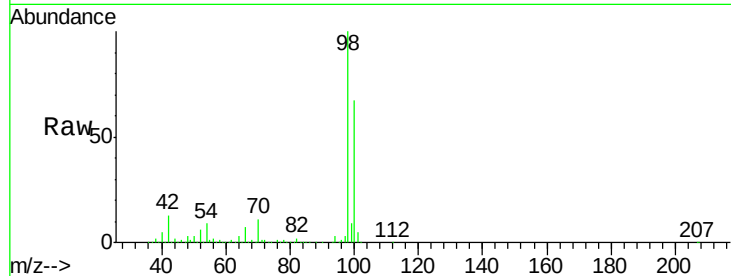




#50
Toluene-d8
Concen: 52.184 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064895.D
Acq: 20 Jan 2020 17:30

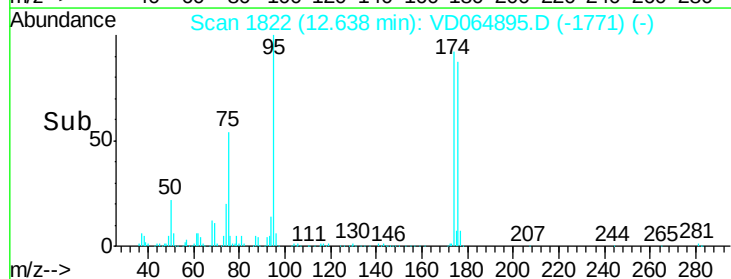
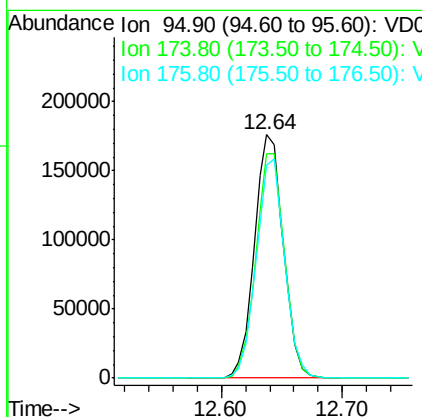
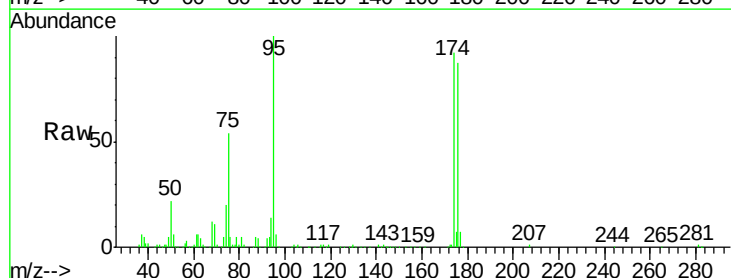
Instrument :
MSVOA_D
ClientSampleId :
SB-7-13.5-14.0

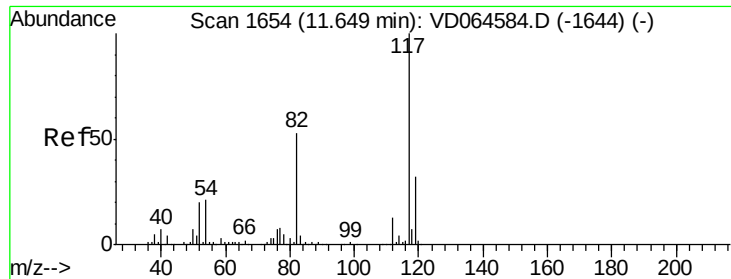
Tot Ion: 98 Resp: 913010
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.980 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064895.D
Acq: 20 Jan 2020 17:30

Tgt Ion: 95 Resp: 293105
Ion Ratio Lower Upper
95 100
174 92.3 0.0 193.2
176 88.4 0.0 184.2

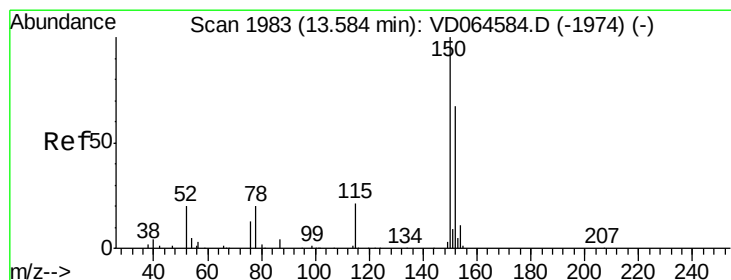
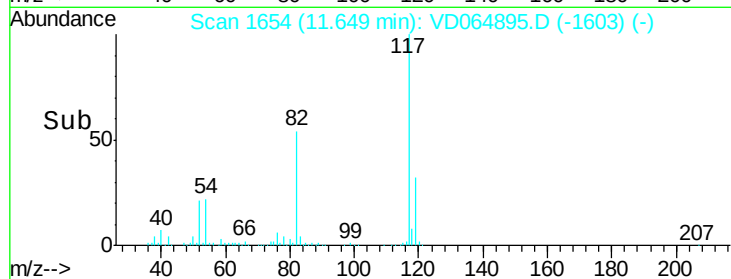
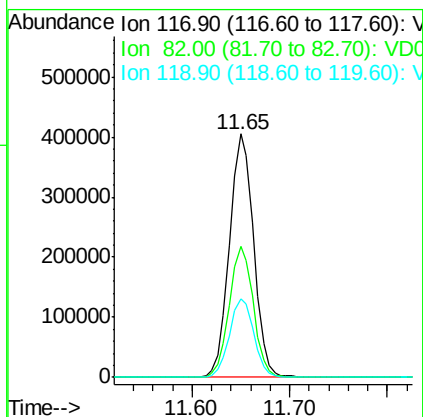
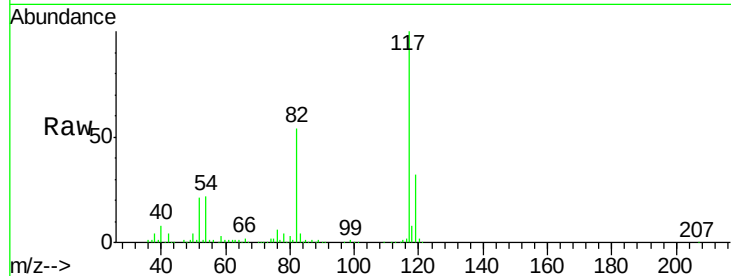




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064895.D
Acq: 20 Jan 2020 17:30

Instrument :
MSVOA_D
ClientSampleId :
SB-7-13.5-14.0

Tot Ion:117 Resp: 696686
Ion Ratio Lower Upper
117 100
82 53.6 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: VD064895.D
Acq: 20 Jan 2020 17:30

Tgt Ion:152 Resp: 335398
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.4
150 156.1 0.0 351.4

