

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067634.D
 Acq On : 16 Nov 2020 12:12
 Operator : VA/SY
 Sample : L4687-02
 Misc : 4.72G/5.01ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1

Quant Time: Nov 17 01:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

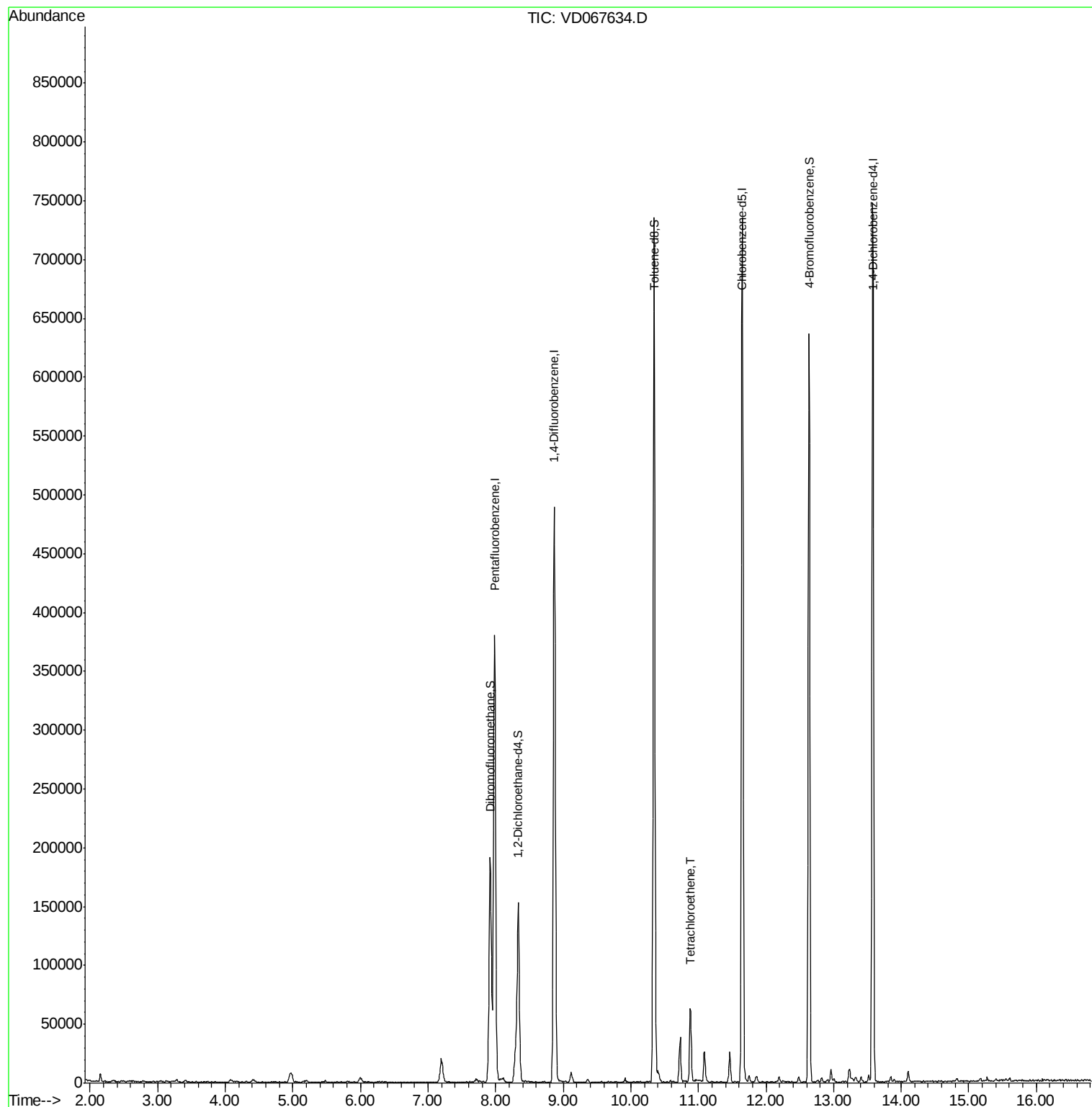
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	287625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	440432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	447416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	124473	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	7.92	113	135895	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	10.34	98	513659	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
62) 4-Bromofluorobenzene	12.64	95	189528	58.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.74%	
Target Compounds						
64) Tetrachloroethene	10.88	164	15027	4.535	ug/l	Qvalue 92

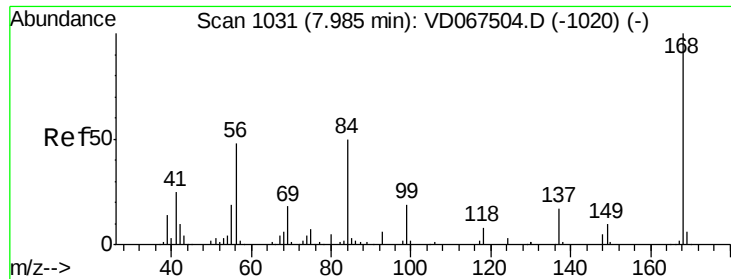
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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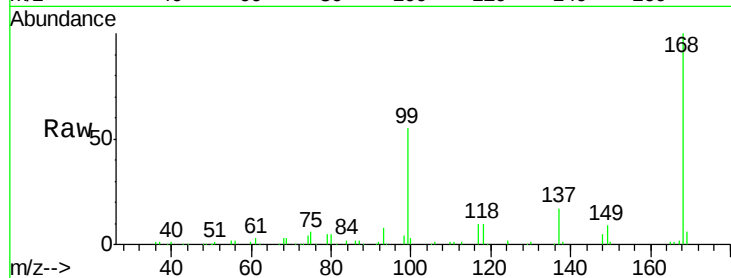
SS-1

Tot Ion:168 Resp: 287625

Ion Ratio Lower Upper

168 100

99 54.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

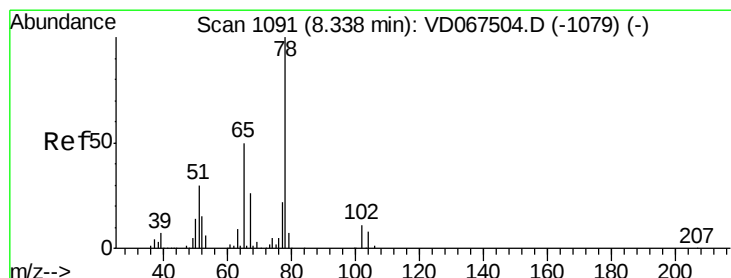
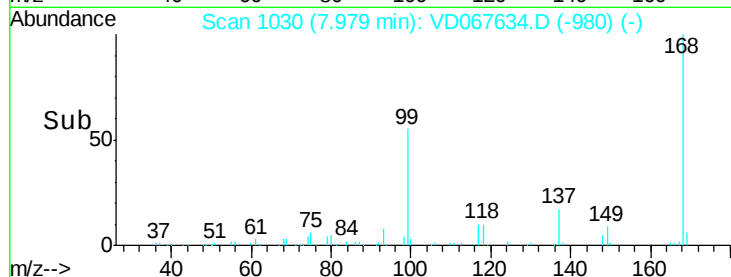
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 49.493 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067634.D

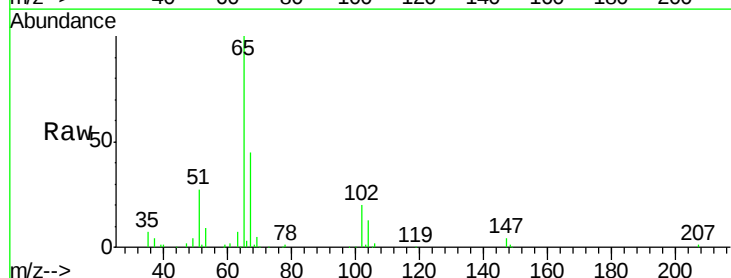
Acq: 16 Nov 2020 12:12

Tgt Ion: 65 Resp: 124473

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

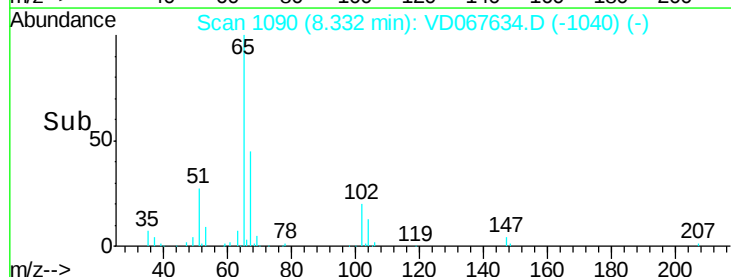
40000

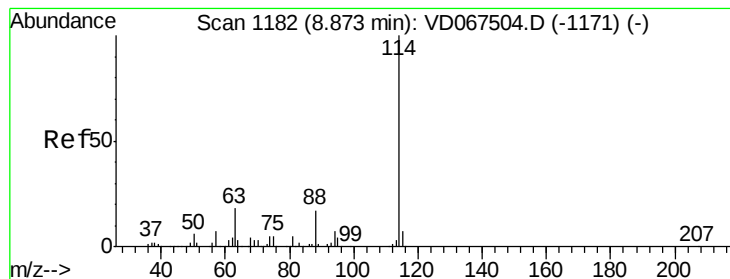
20000

0

Time-->

8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067634.D

Acq: 16 Nov 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

SS-1

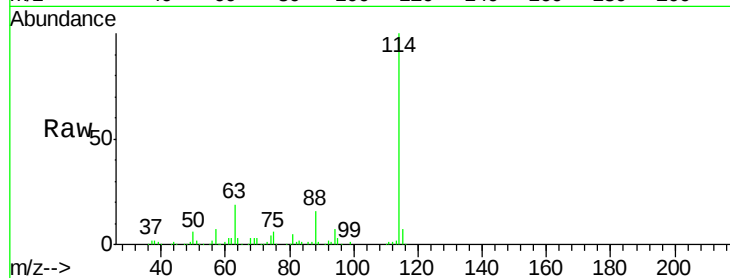
Tot Ion:114 Resp: 440432

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

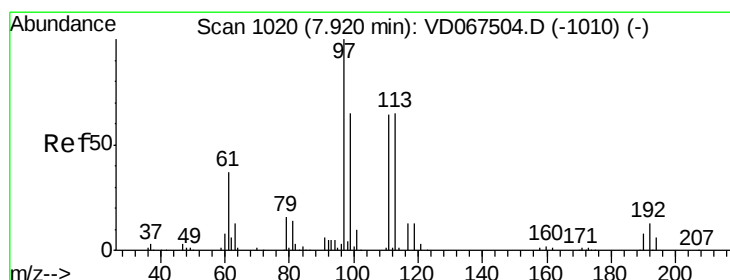
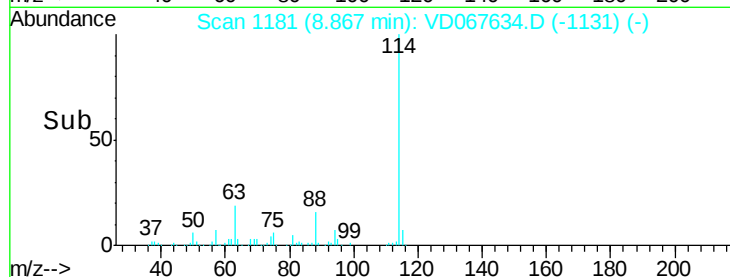
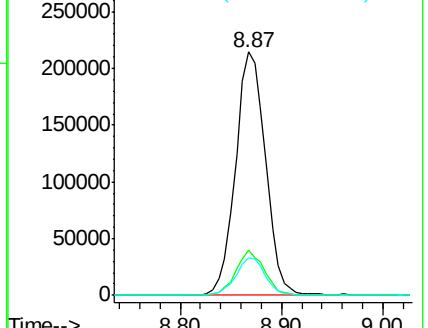
88 15.5 0.0 33.0



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: 51.212 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067634.D

Acq: 16 Nov 2020 12:12

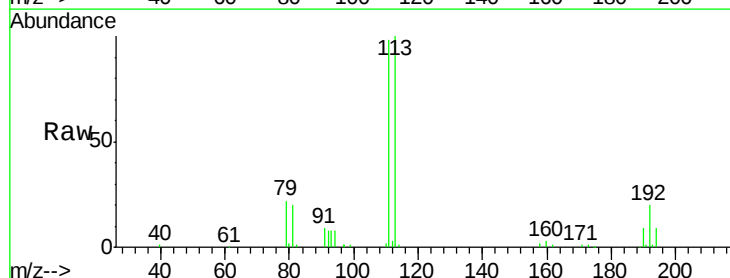
Tgt Ion:113 Resp: 135895

Ion Ratio Lower Upper

113 100

111 100.6 80.0 120.0

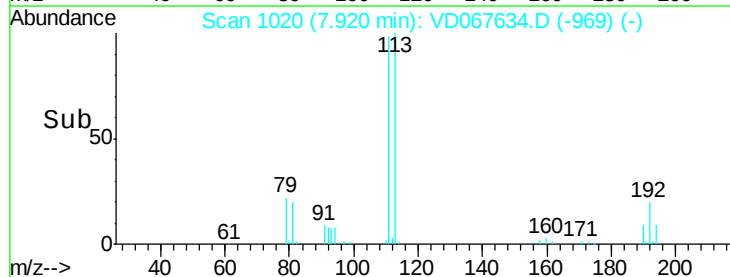
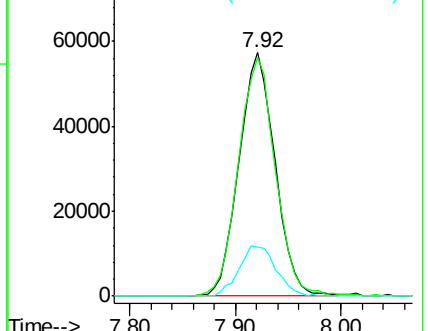
192 21.3 16.3 24.5

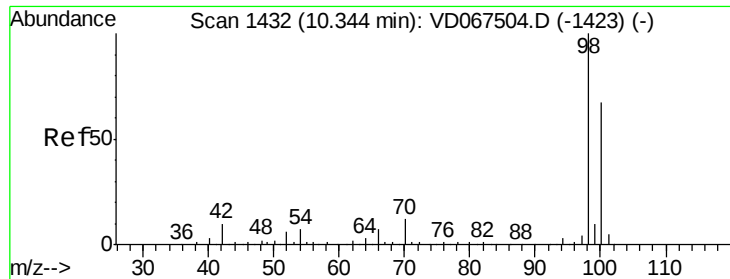


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.082 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067634.D

Acq: 16 Nov 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

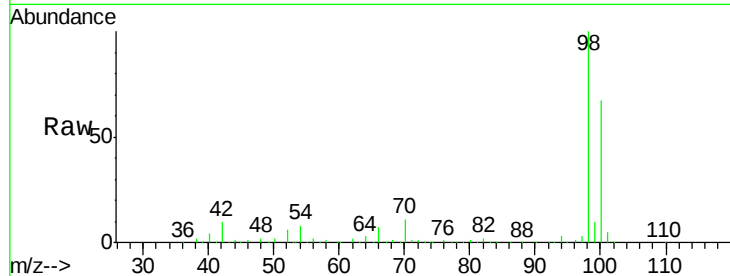
SS-1

Tot Ion: 98 Resp: 513659

Ion Ratio Lower Upper

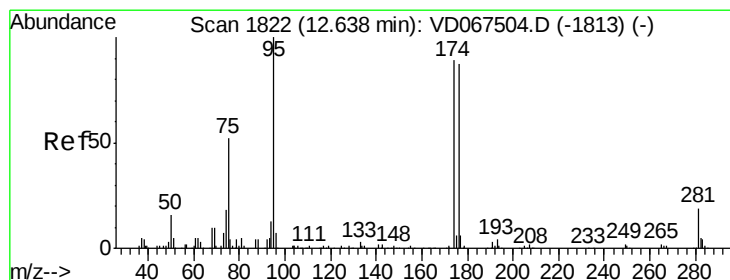
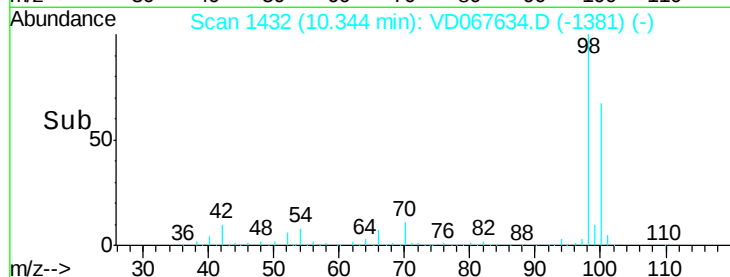
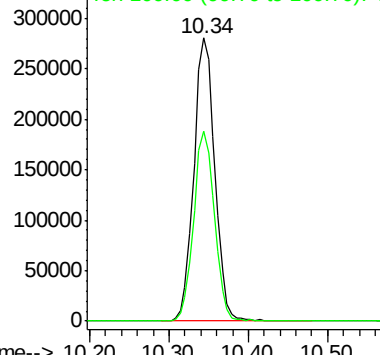
98 100

100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 58.868 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067634.D

Acq: 16 Nov 2020 12:12

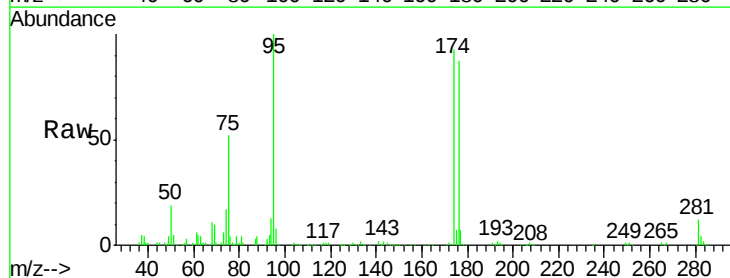
Tgt Ion: 95 Resp: 189528

Ion Ratio Lower Upper

95 100

174 91.4 0.0 177.8

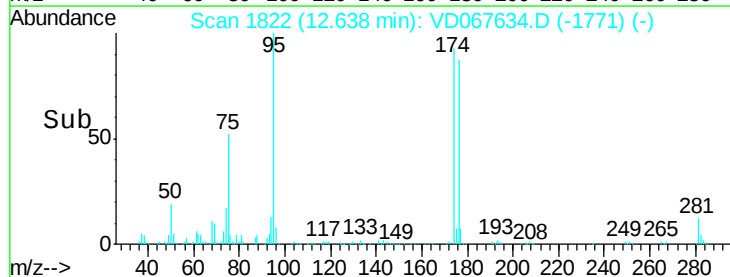
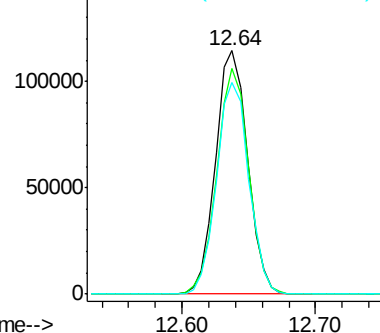
176 87.3 0.0 172.0

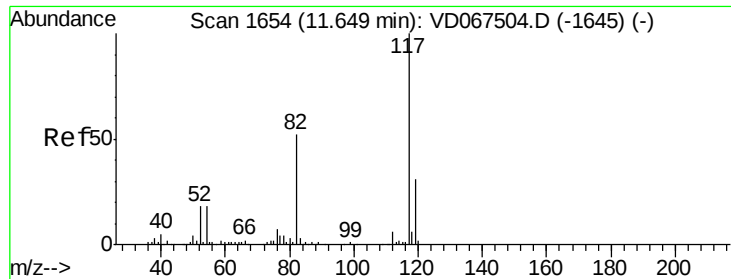


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

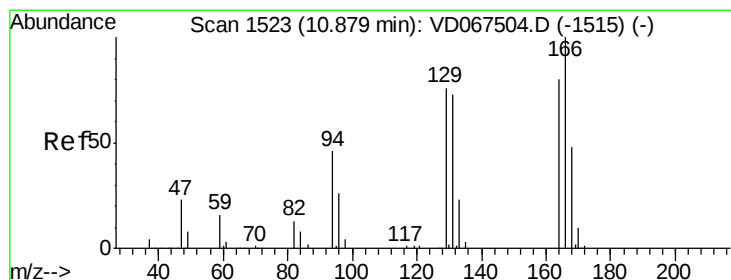
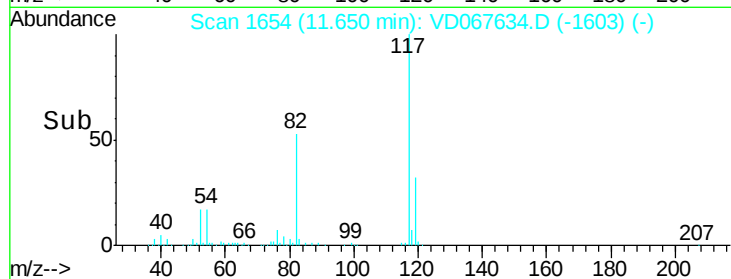
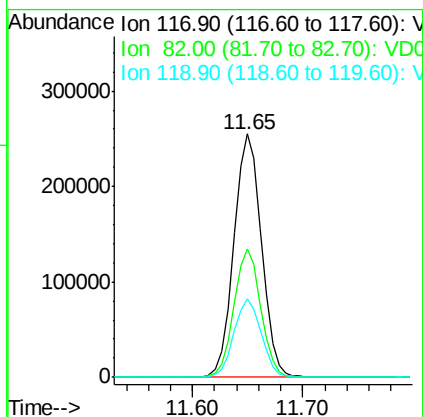
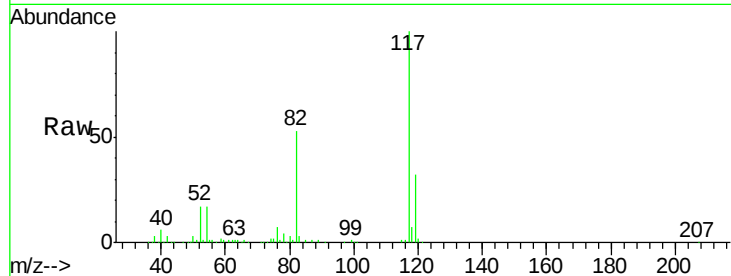




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067634.D
Acq: 16 Nov 2020 12:12

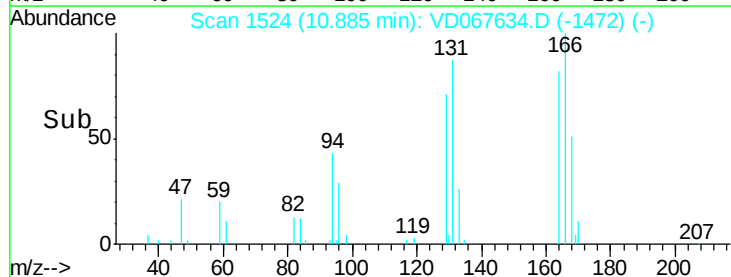
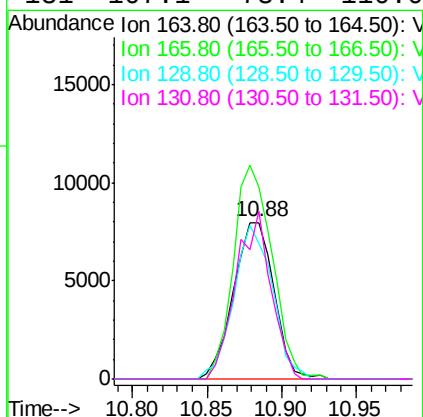
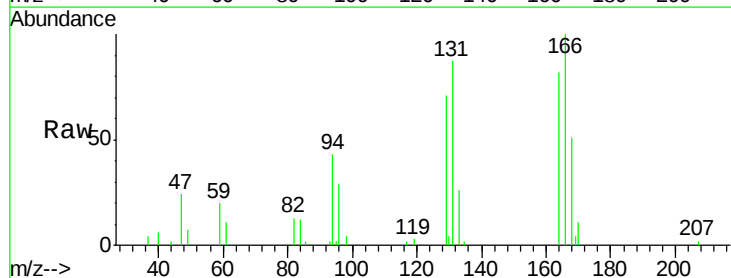
Instrument :
MSVOA_D
ClientSampleId :
SS-1

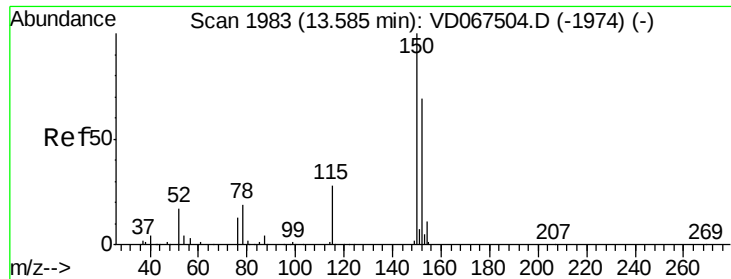
Tot Ion:117 Resp: 447416
Ion Ratio Lower Upper
117 100
82 52.9 41.6 62.4
119 32.4 25.1 37.7



#64
Tetrachloroethene
Concen: 4.535 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067634.D
Acq: 16 Nov 2020 12:12

Tgt Ion:164 Resp: 15027
Ion Ratio Lower Upper
164 100
166 122.7 99.9 149.9
129 86.6 75.5 113.3
131 107.1 73.4 110.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: VD067634.D
 Acq: 16 Nov 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	155.3	0.0	338.2

