

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067639.D
 Acq On : 16 Nov 2020 14:29
 Operator : VA/SY
 Sample : L4687-03
 Misc : 5.20G/5.01ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-2

Quant Time: Nov 17 01:33:26 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

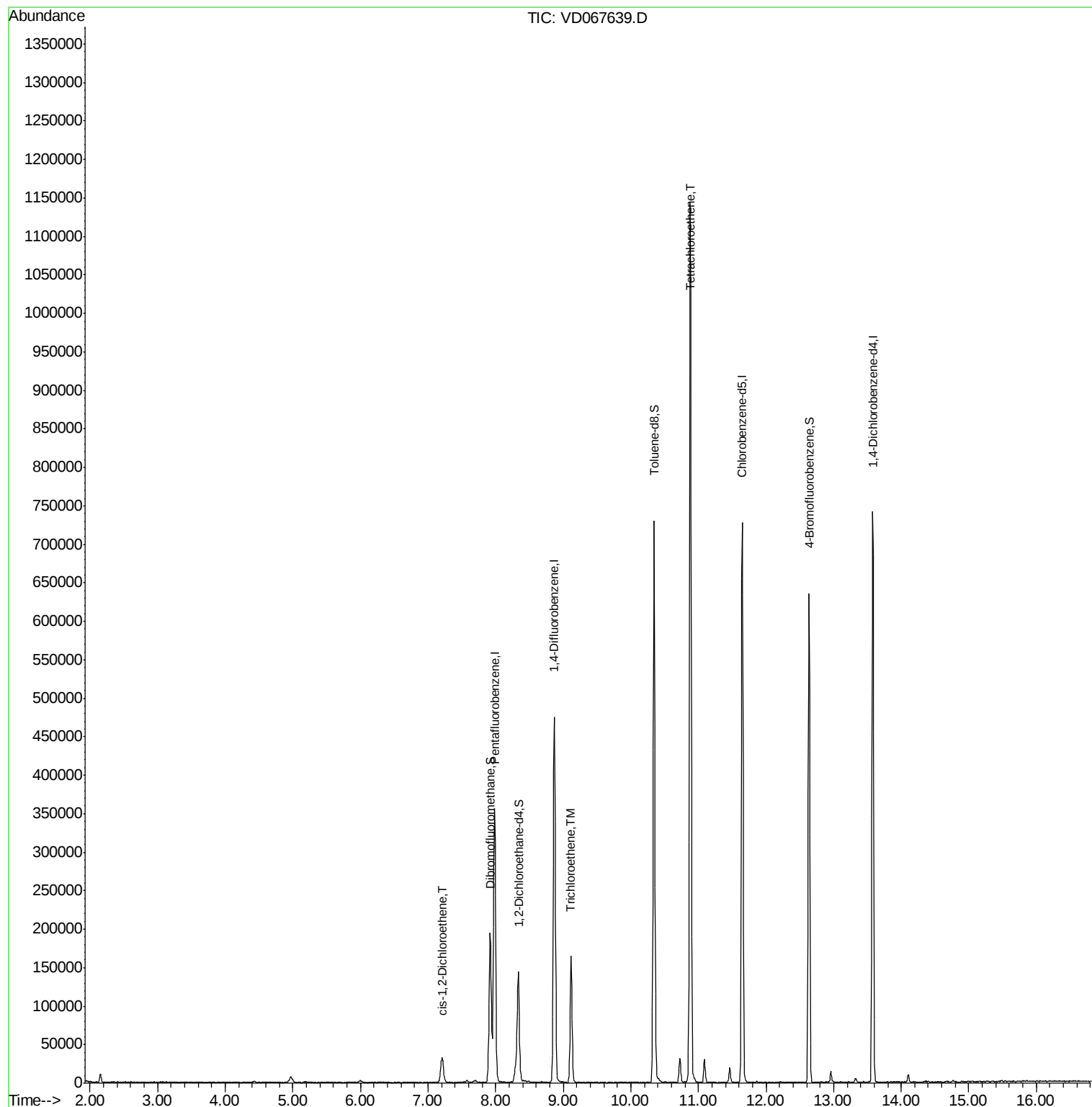
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	268397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	427335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	438506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	207872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	124730	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.92	113	130595	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.34	98	504297	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.48%	
62) 4-Bromofluorobenzene	12.64	95	187957	60.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.34%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.22	96	13818	5.102	ug/l	89
44) Trichloroethene	9.11	130	61489	18.873	ug/l	93
64) Tetrachloroethene	10.88	164	268266	82.606	ug/l	99

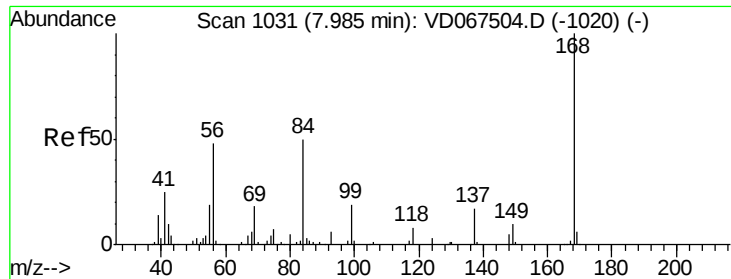
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067639.D

Acq: 16 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

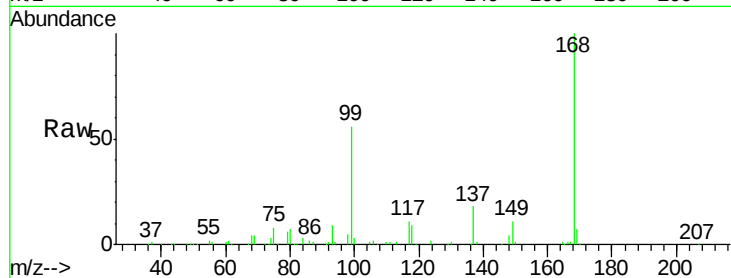
SS-2

Tot Ion:168 Resp: 268397

Ion Ratio Lower Upper

168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

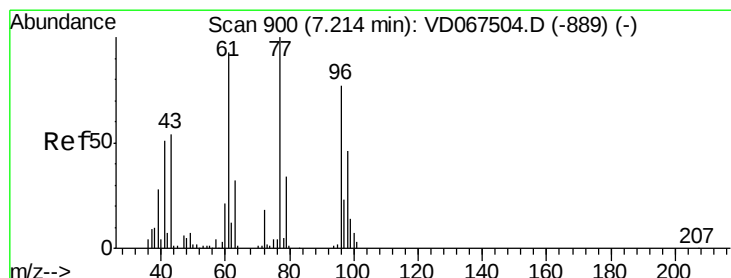
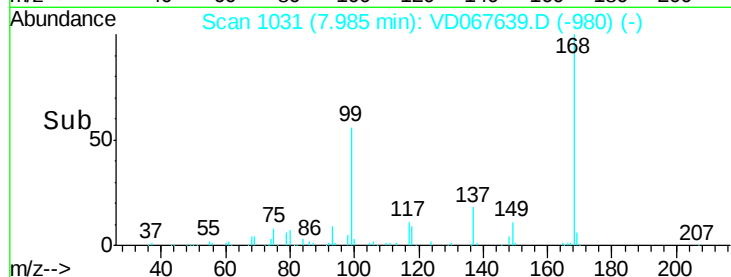
100000

50000

0

Time-->

7.90 8.00 8.10



#27

cis-1,2-Dichloroethene

Concen: 5.102 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067639.D

Acq: 16 Nov 2020 14:29

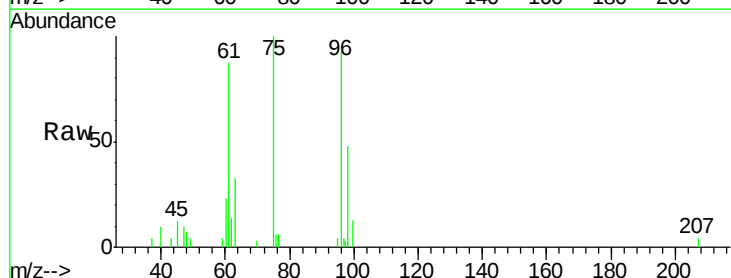
Tgt Ion: 96 Resp: 13818

Ion Ratio Lower Upper

96 100

61 108.9 0.0 251.6

98 65.6 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

7.22

6000

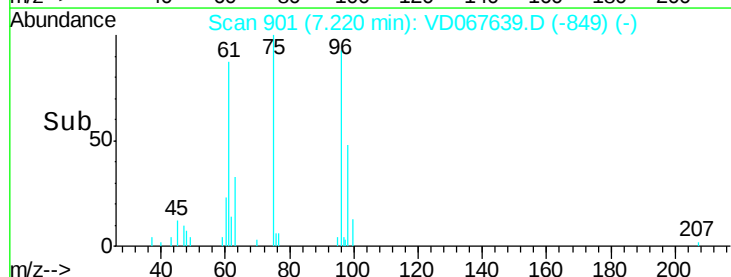
4000

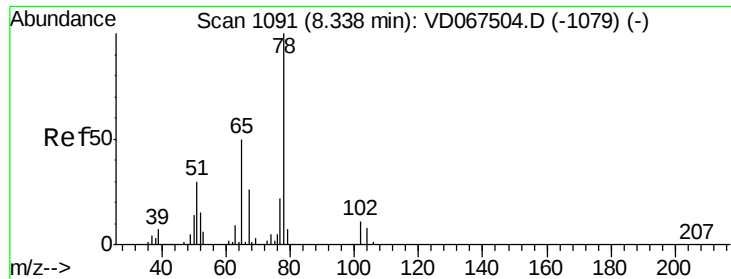
2000

0

Time-->

7.15 7.20 7.25 7.30

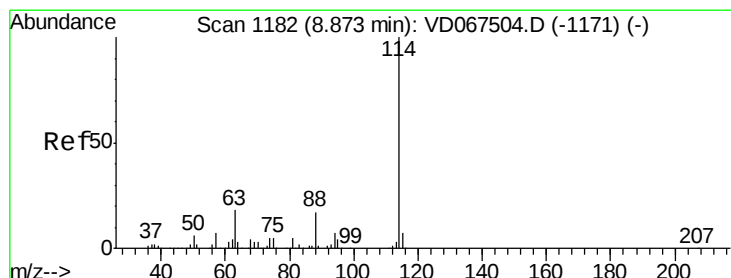
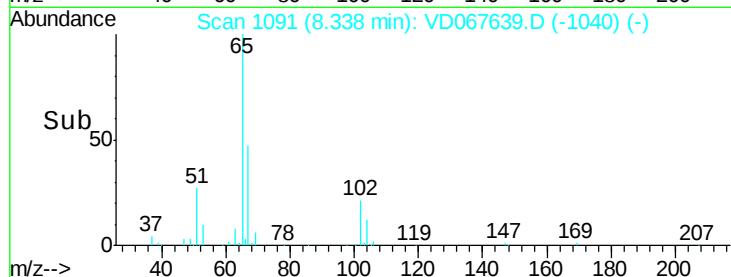
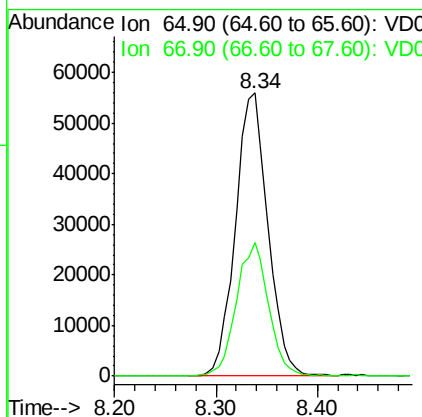
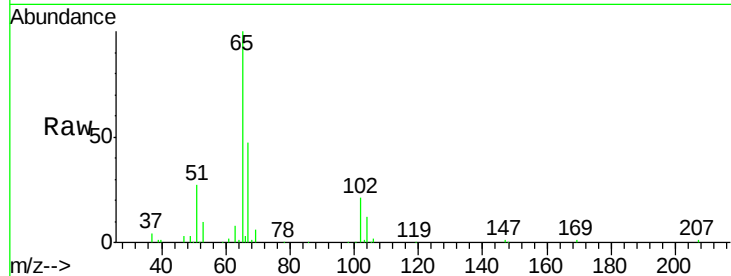




#33
 1,2-Dichloroethane-d4
 Concen: 53.148 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067639.D
 Acq: 16 Nov 2020 14:29

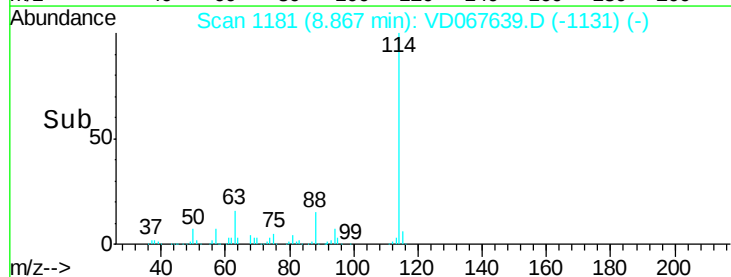
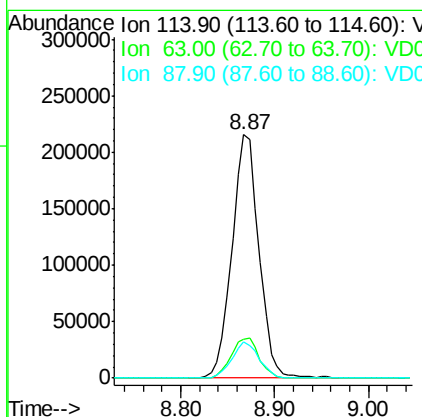
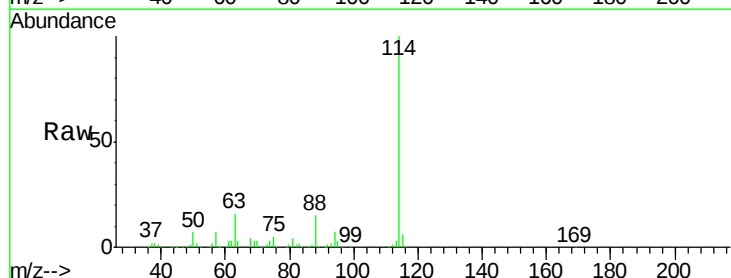
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-2

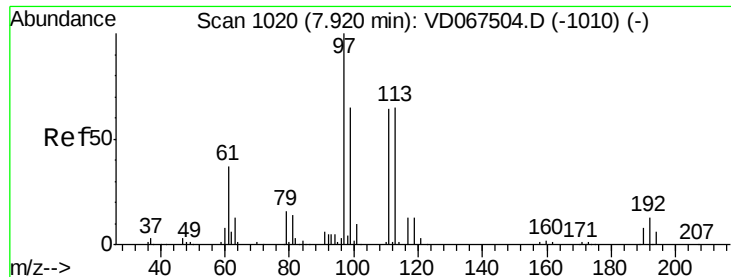
Tot Ion: 65 Resp: 124730
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067639.D
 Acq: 16 Nov 2020 14:29

Tgt Ion: 114 Resp: 427335
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 35.0
 88 14.7 0.0 33.0

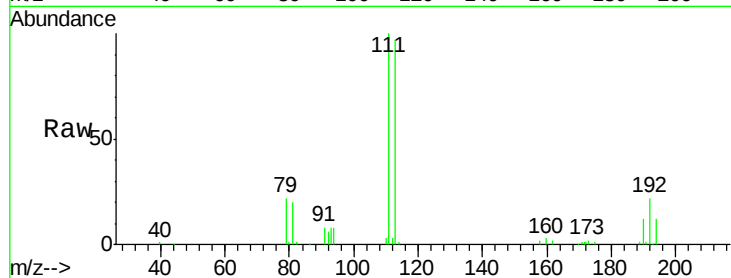




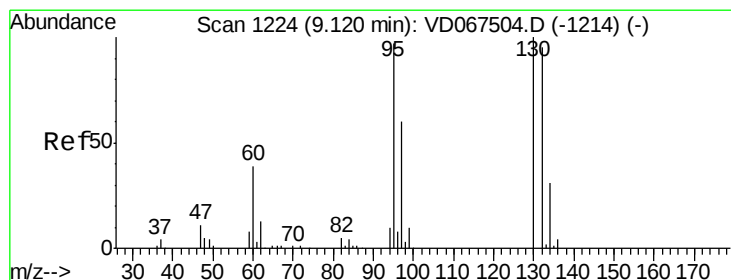
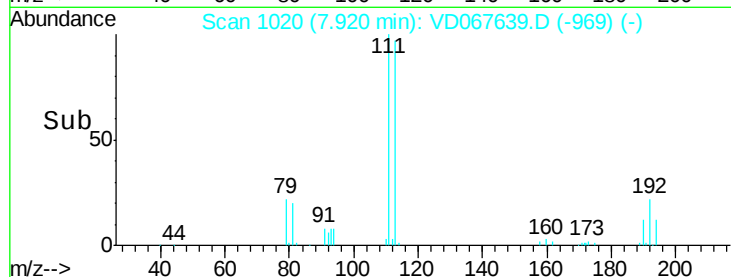
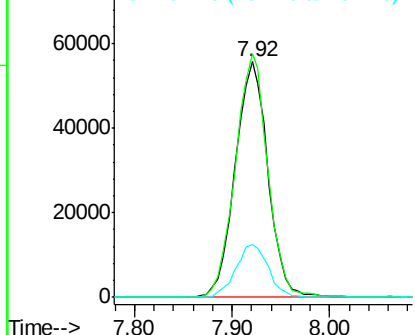
#35
Dibromofluoromethane
Concen: 50.723 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067639.D
Acq: 16 Nov 2020 14:29

Instrument :
MSVOA_D
ClientSampleId :
SS-2

Tot Ion:113 Resp: 130595
Ion Ratio Lower Upper
113 100
111 102.7 80.0 120.0
192 22.3 16.3 24.5

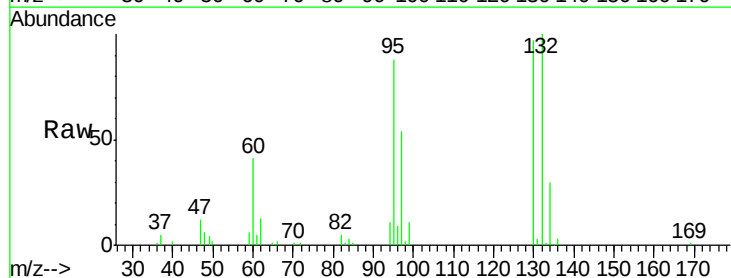


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

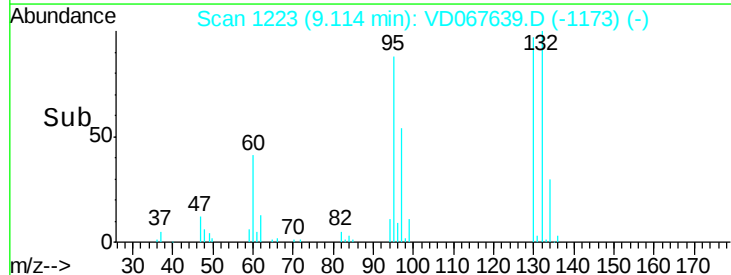
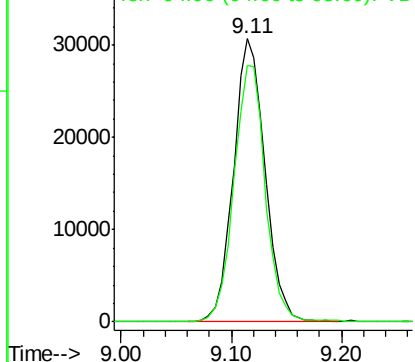


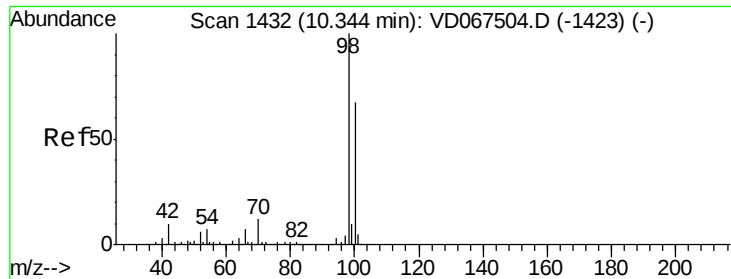
#44
Trichloroethene
Concen: 18.873 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067639.D
Acq: 16 Nov 2020 14:29

Tgt Ion:130 Resp: 61489
Ion Ratio Lower Upper
130 100
95 90.7 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 55.736 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067639.D

Acq: 16 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

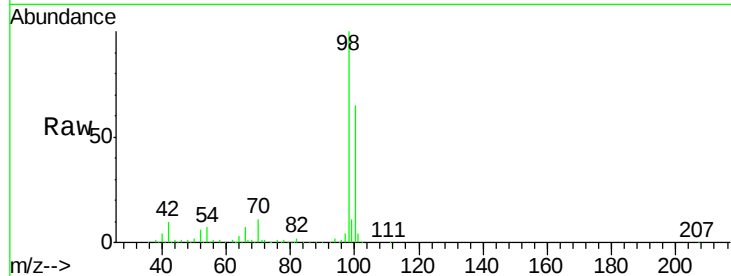
SS-2

Tot Ion: 98 Resp: 504297

Ion Ratio Lower Upper

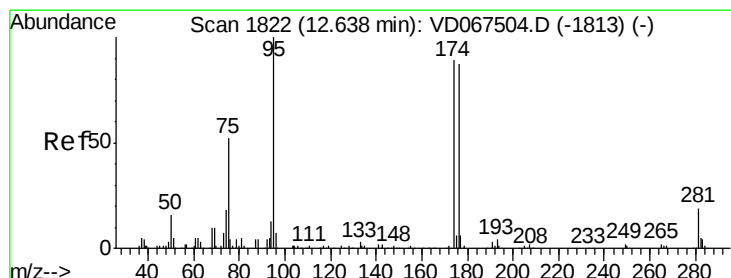
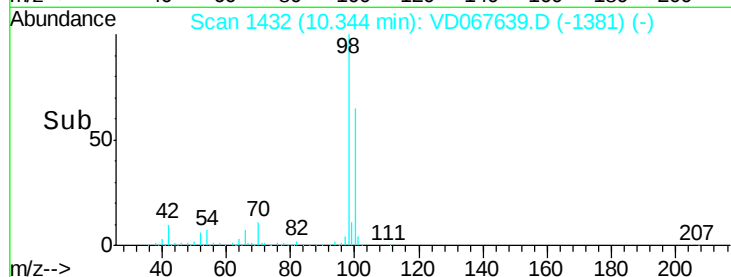
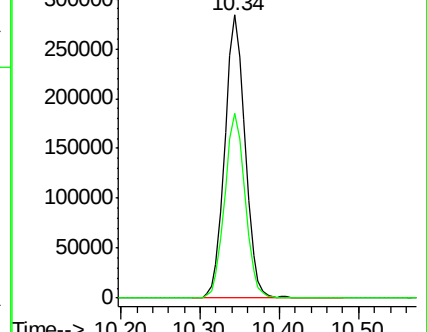
98 100

100 65.5 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: 60.169 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067639.D

Acq: 16 Nov 2020 14:29

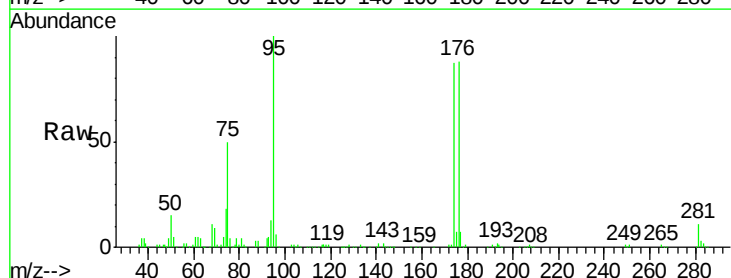
Tgt Ion: 95 Resp: 187957

Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.8

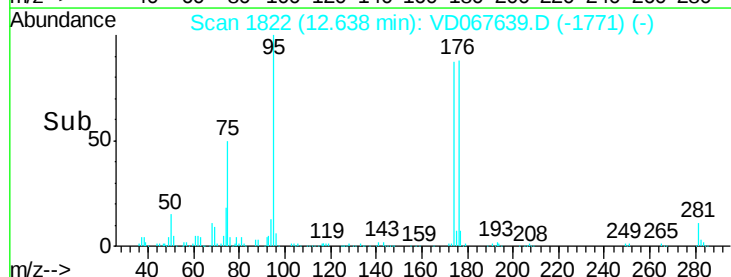
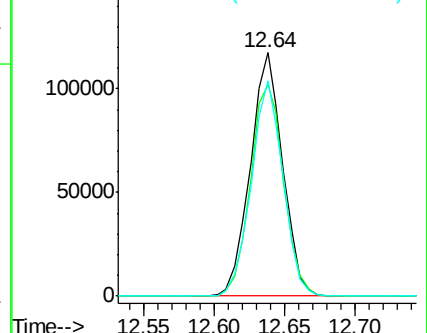
176 86.9 0.0 172.0

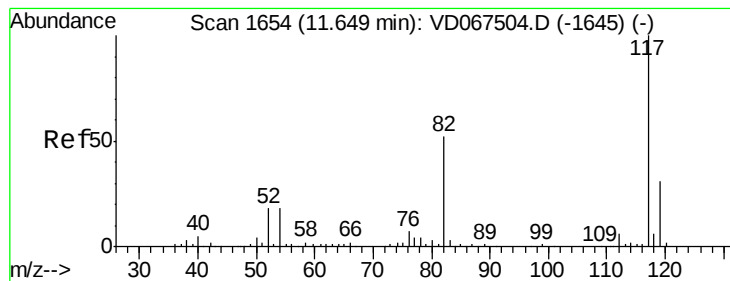


Abundance Ion 94.90 (94.60 to 95.60): VDC

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: VD067639.D

Acq: 16 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

SS-2

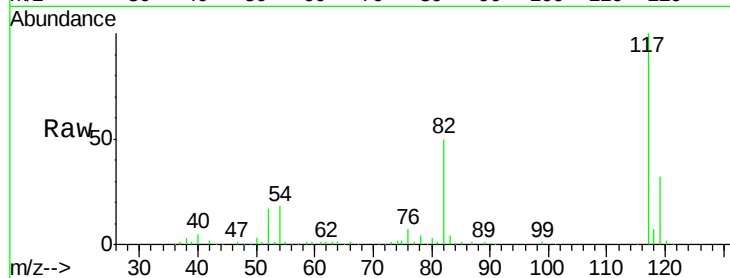
Tot Ion:117 Resp: 438506

Ion Ratio Lower Upper

117 100

82 50.2 41.6 62.4

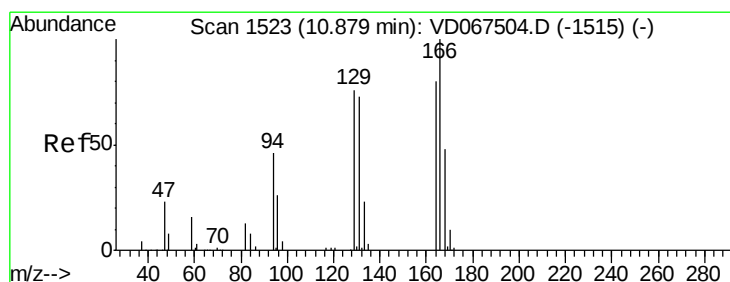
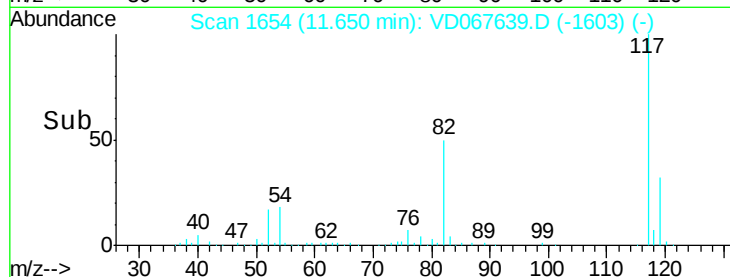
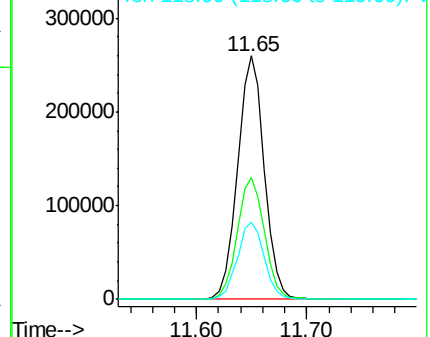
119 31.9 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 82.606 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.00 min

Lab File: VD067639.D

Acq: 16 Nov 2020 14:29

Tgt Ion:164 Resp: 268266

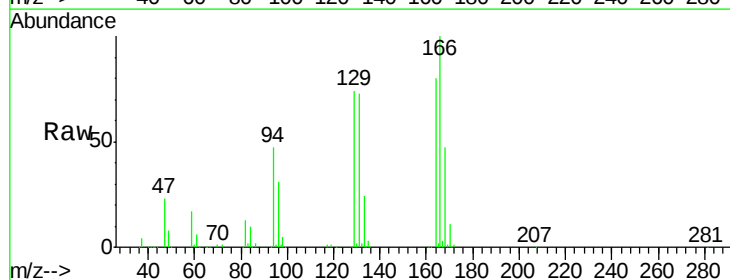
Ion Ratio Lower Upper

164 100

166 124.7 99.9 149.9

129 91.8 75.5 113.3

131 91.3 73.4 110.0

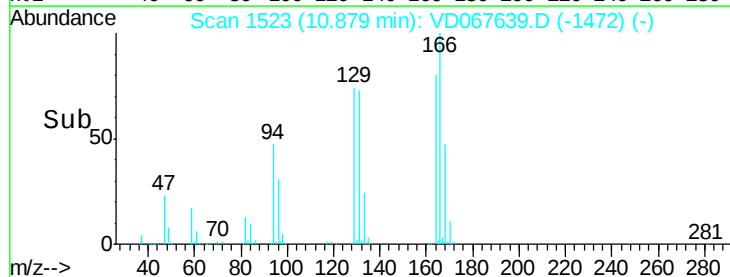
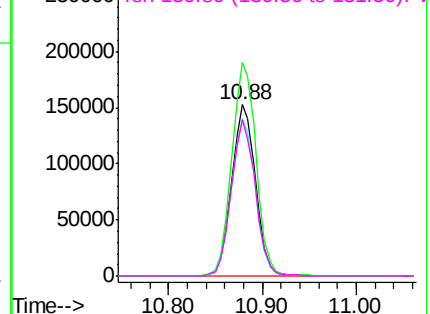


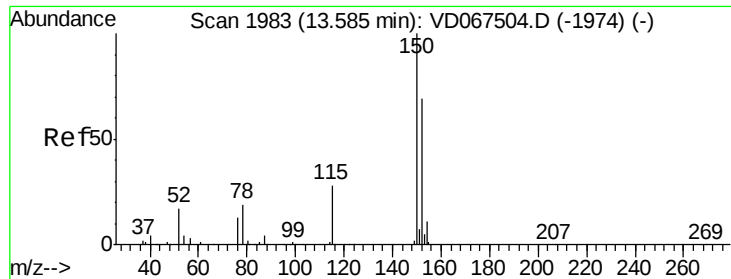
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067639.D

Acq: 16 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

SS-2

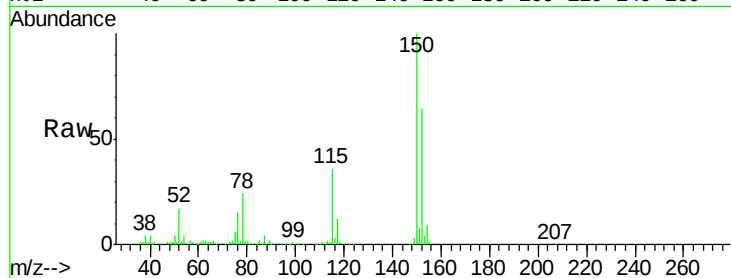
Tot Ion:152 Resp: 207872

Ion Ratio Lower Upper

152 100

115 57.7 29.3 88.0

150 156.0 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

