

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067658.D
 Acq On : 17 Nov 2020 13:15
 Operator : VA/SY
 Sample : L4687-05
 Misc : 5.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-4

Quant Time: Nov 18 00:23:11 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

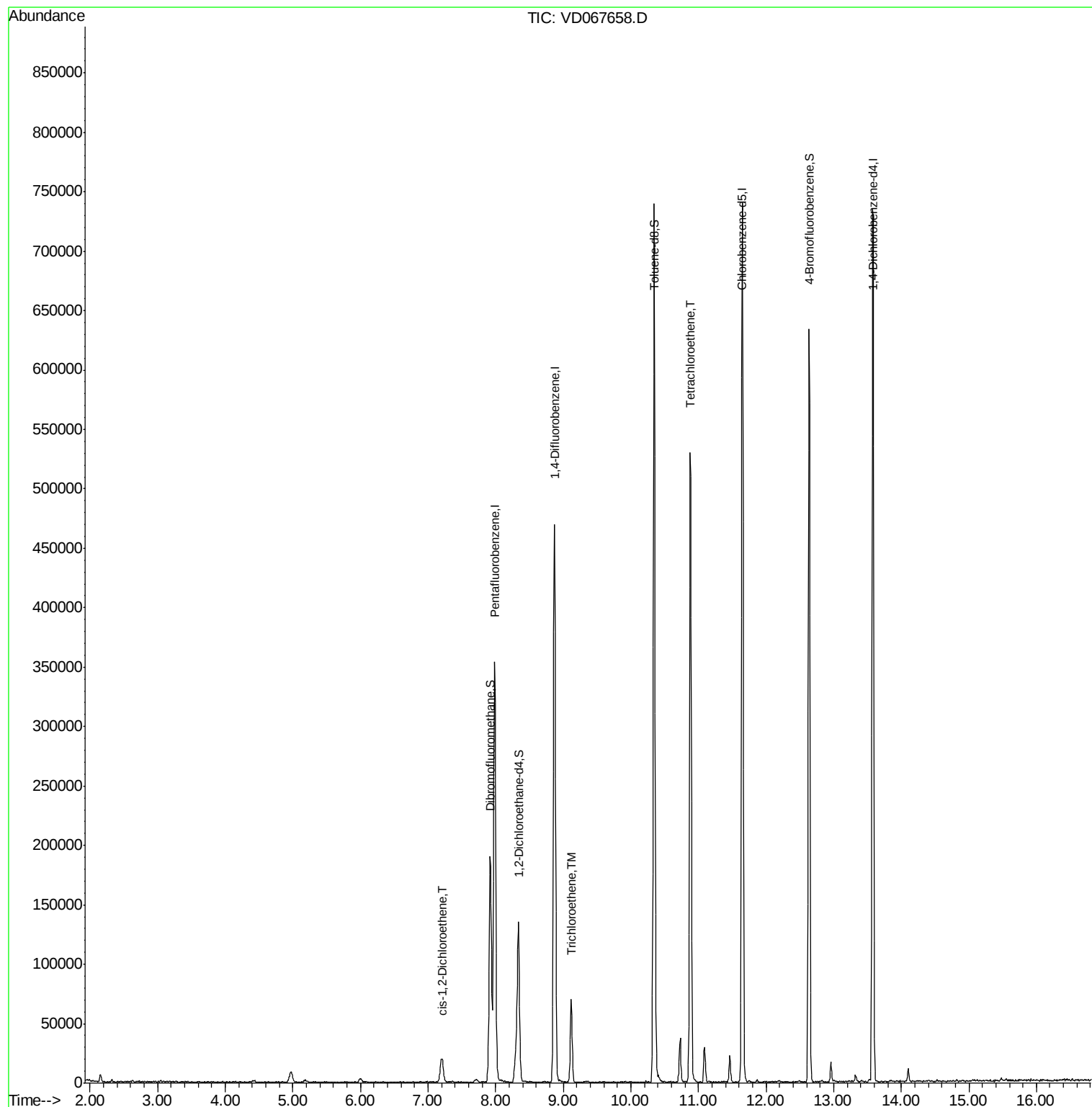
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	267601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	427770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	445584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	116975	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.92	113	133569	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.34	98	507984	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.64	95	184987	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.22	96	5303	1.964	ug/l	89
44) Trichloroethene	9.12	130	26732	8.197	ug/l	82
64) Tetrachloroethene	10.88	164	126279	38.267	ug/l	98

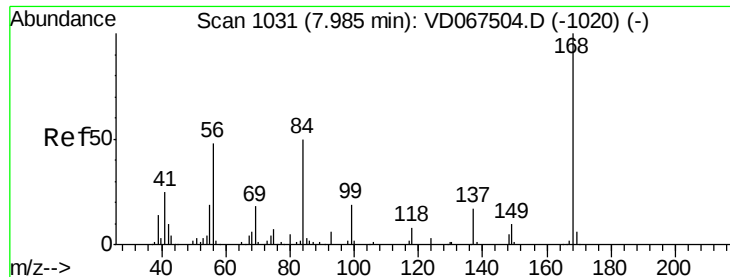
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
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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: VD067658.D

Acq: 17 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampled :

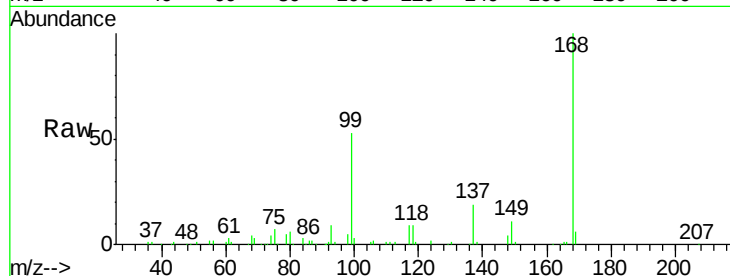
SS-4

Tot Ion:168 Resp: 267601

Ion Ratio Lower Upper

168 100

99 53.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

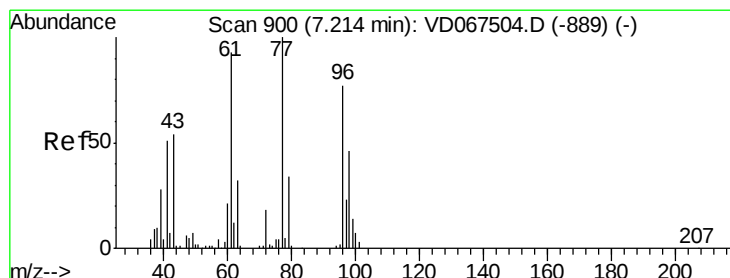
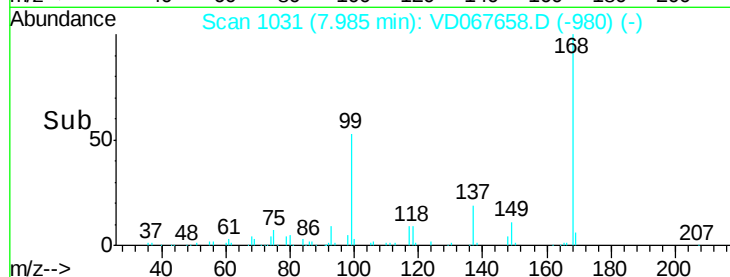
7.98

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.964 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067658.D

Acq: 17 Nov 2020 13:15

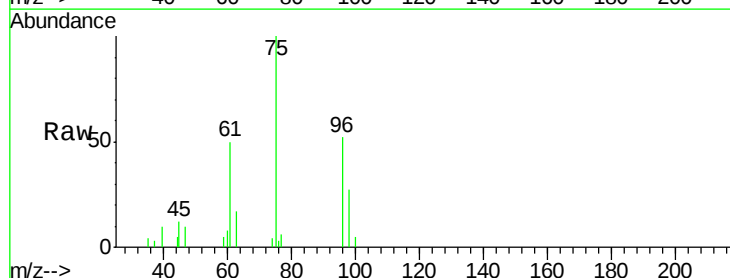
Tgt Ion: 96 Resp: 5303

Ion Ratio Lower Upper

96 100

61 114.2 0.0 251.6

98 74.8 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

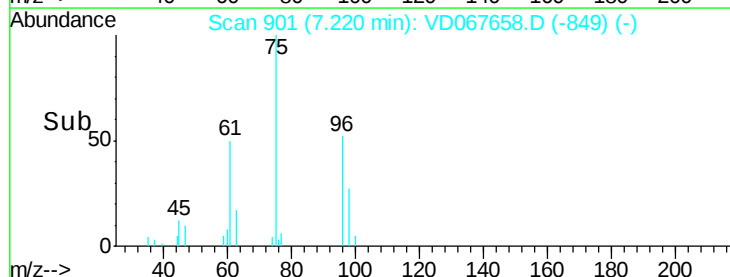
3000

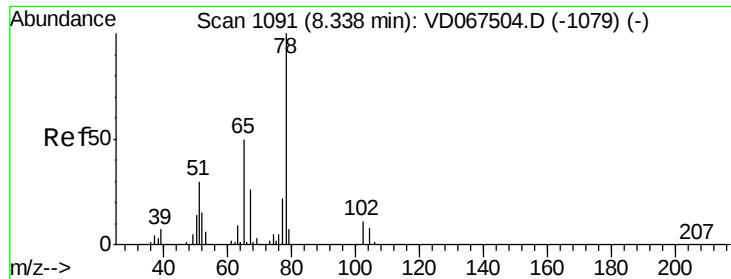
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.992 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067658.D

Acq: 17 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

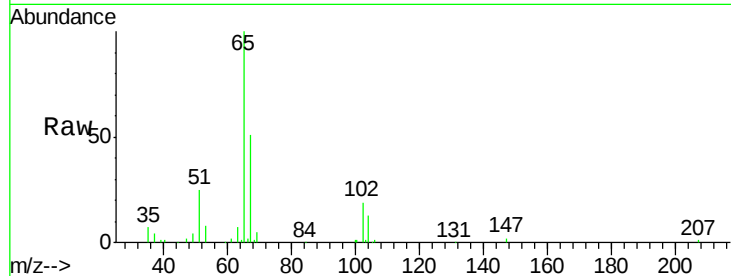
SS-4

Tot Ion: 65 Resp: 116975

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

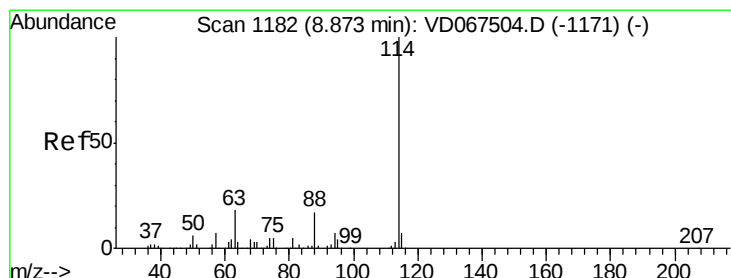
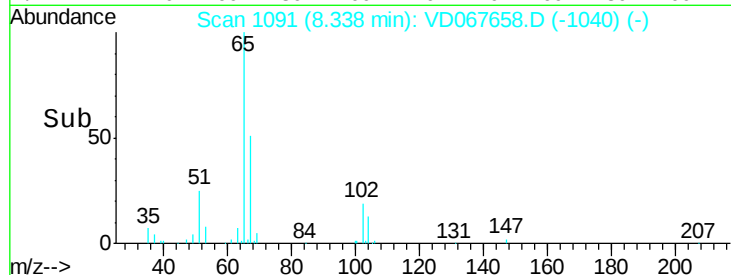
30000

20000

10000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VD067658.D

Acq: 17 Nov 2020 13:15

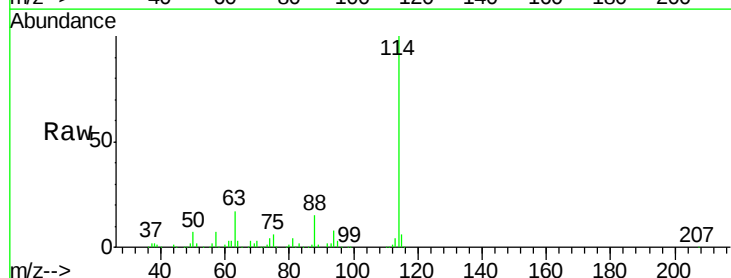
Tgt Ion: 114 Resp: 427770

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

250000

200000

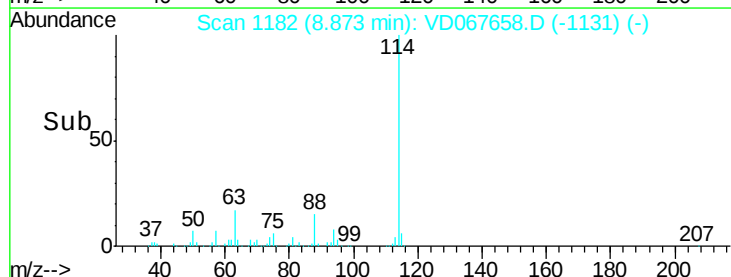
150000

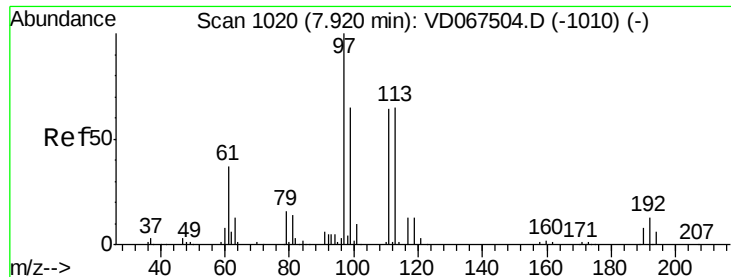
100000

50000

0

Time--> 8.75 8.80 8.85 8.90 8.95

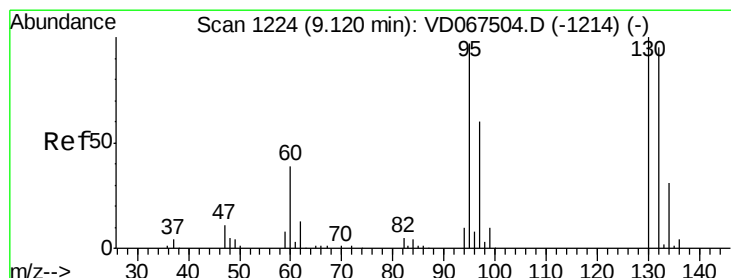
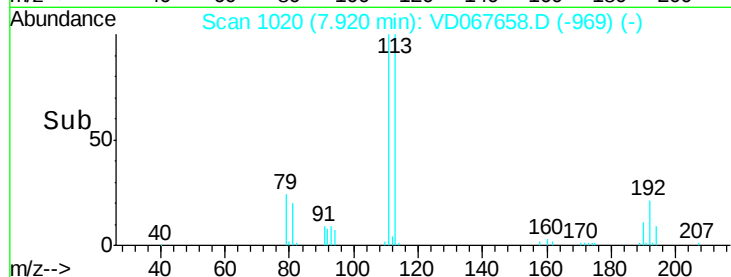
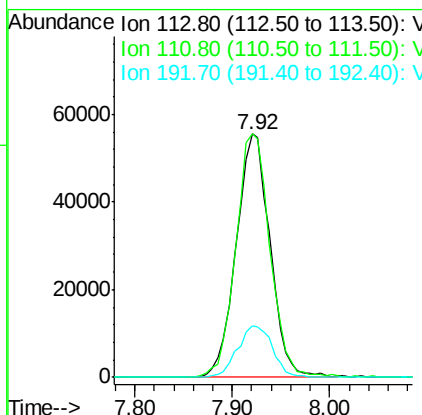
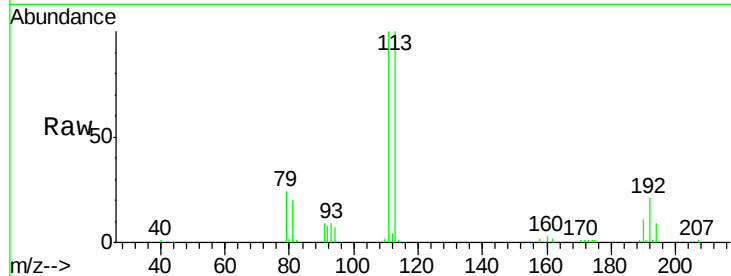




#35
 Dibromofluoromethane
 Concen: 51.825 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067658.D
 Acq: 17 Nov 2020 13:15

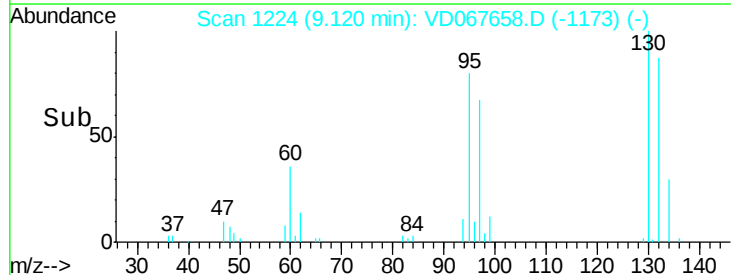
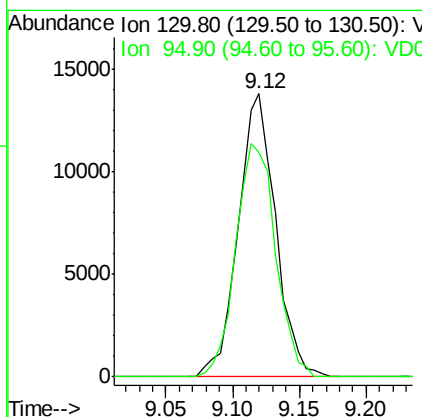
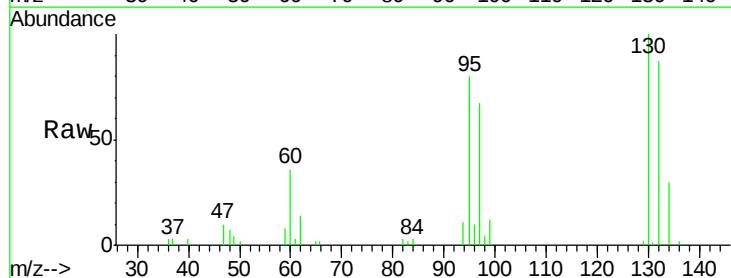
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-4

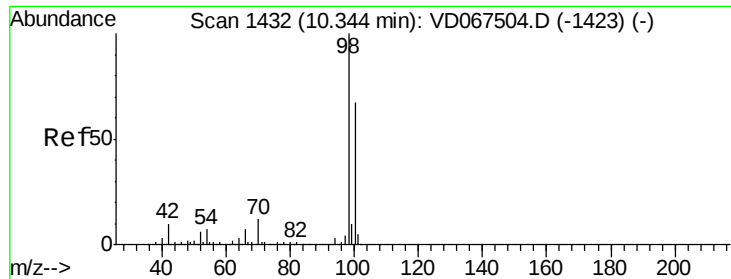
Tot Ion:113 Resp: 133569
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.0 120.0
 192 21.9 16.3 24.5



#44
 Trichloroethene
 Concen: 8.197 ug/l
 RT: 9.12 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VD067658.D
 Acq: 17 Nov 2020 13:15

Tgt Ion:130 Resp: 26732
 Ion Ratio Lower Upper
 130 100
 95 79.5 0.0 194.4





#50

Toluene-d8

Concen: 56.086 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067658.D

Acq: 17 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

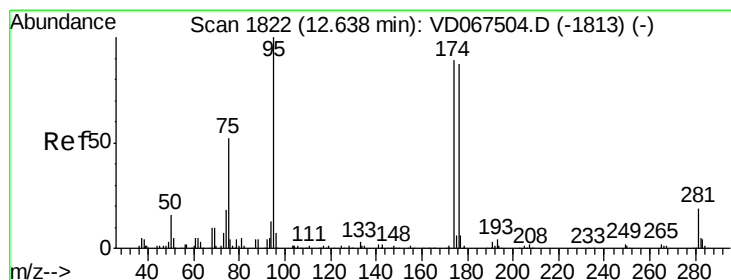
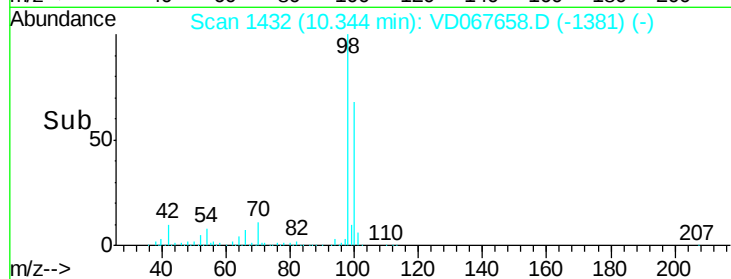
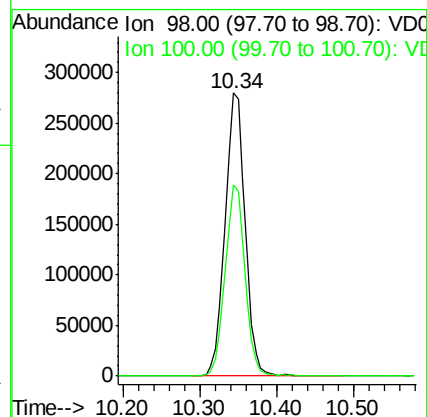
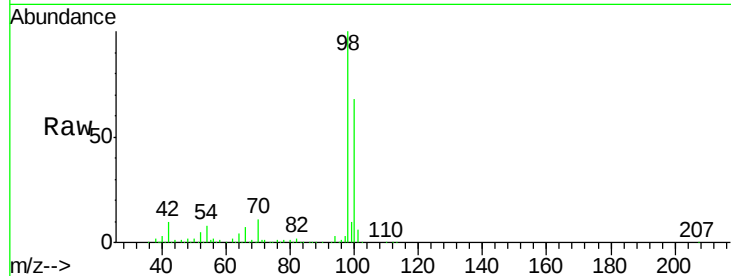
SS-4

Tot Ion: 98 Resp: 507984

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 59.158 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067658.D

Acq: 17 Nov 2020 13:15

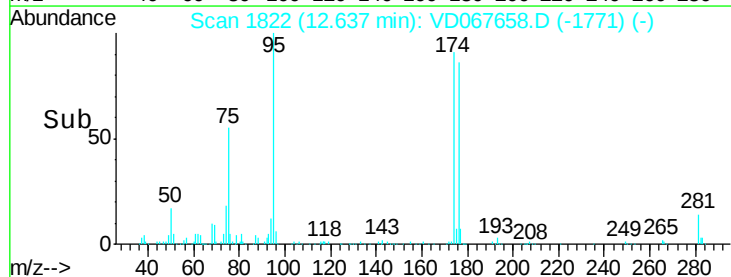
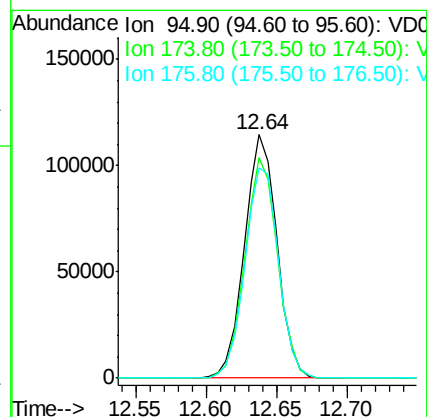
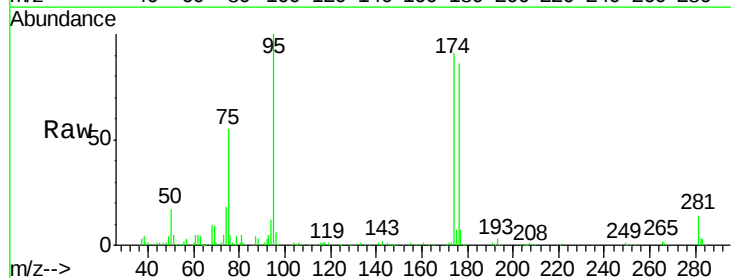
Tgt Ion: 95 Resp: 184987

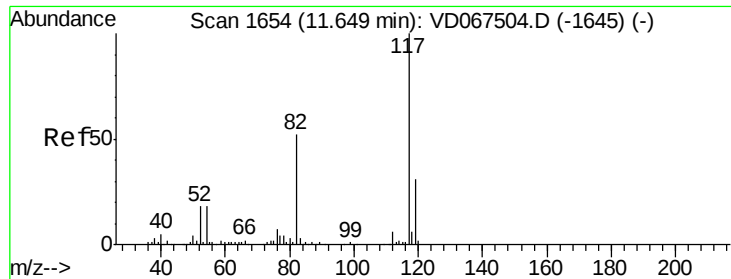
Ion Ratio Lower Upper

95 100

174 91.3 0.0 177.8

176 89.6 0.0 172.0

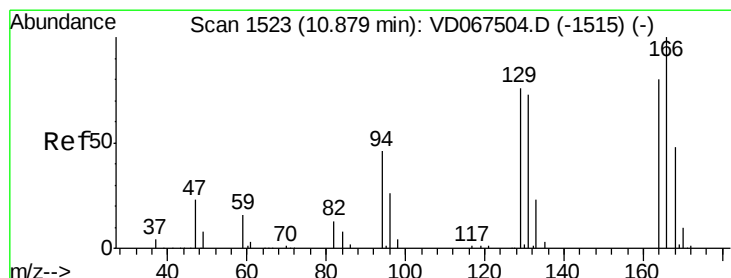
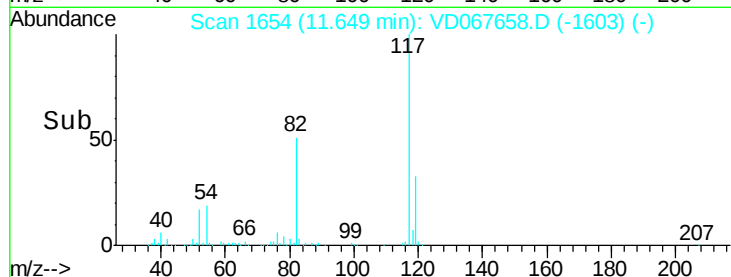
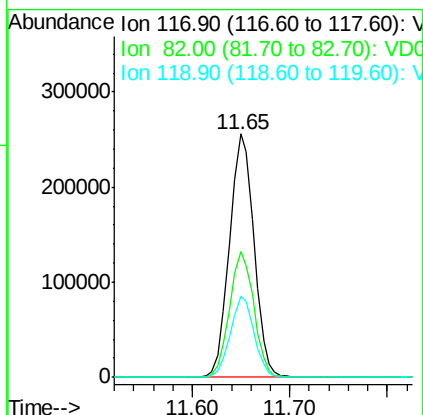
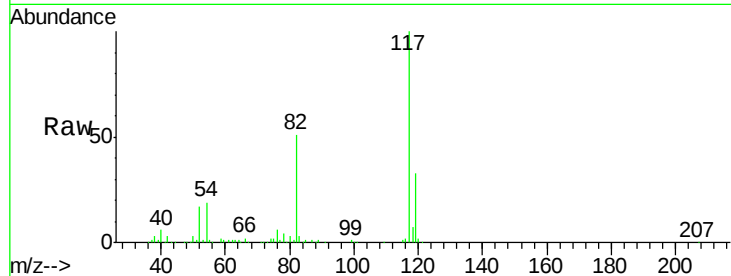




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067658.D
Acq: 17 Nov 2020 13:15

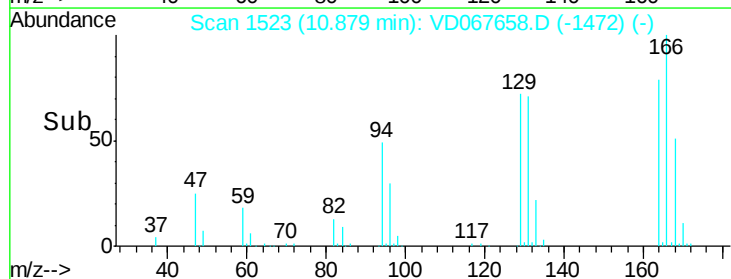
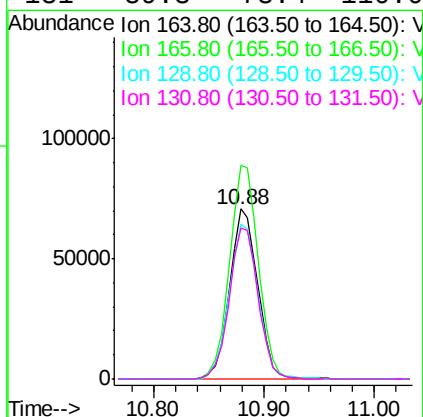
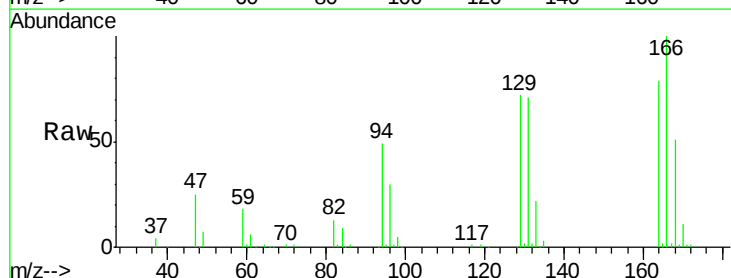
Instrument :
MSVOA_D
ClientSampleId :
SS-4

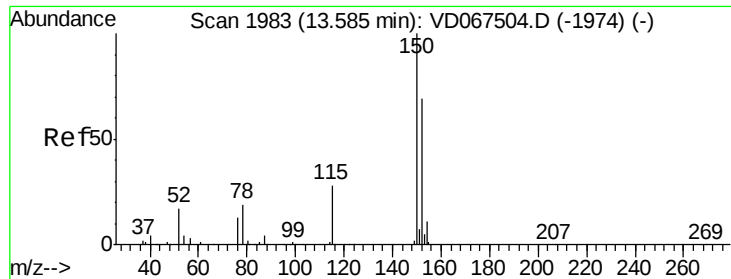
Tot Ion:117 Resp: 445584
Ion Ratio Lower Upper
117 100
82 51.4 41.6 62.4
119 33.3 25.1 37.7



#64
Tetrachloroethene
Concen: 38.267 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067658.D
Acq: 17 Nov 2020 13:15

Tgt Ion:164 Resp: 126279
Ion Ratio Lower Upper
164 100
166 125.9 99.9 149.9
129 91.0 75.5 113.3
131 89.3 73.4 110.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD067658.D

Acq: 17 Nov 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

SS-4

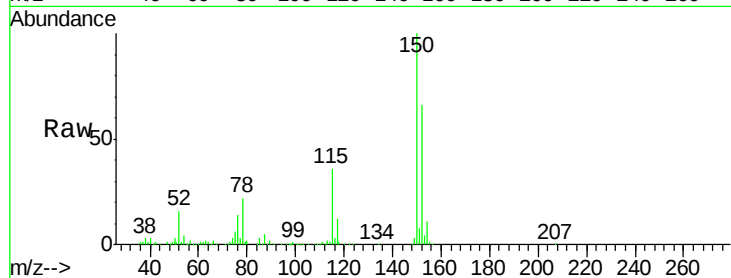
Tot Ion:152 Resp: 212069

Ion Ratio Lower Upper

152 100

115 57.4 29.3 88.0

150 156.9 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

