

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067659.D
 Acq On : 17 Nov 2020 13:42
 Operator : VA/SY
 Sample : L4687-07
 Misc : 5.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-6

Quant Time: Nov 18 00:27:39 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

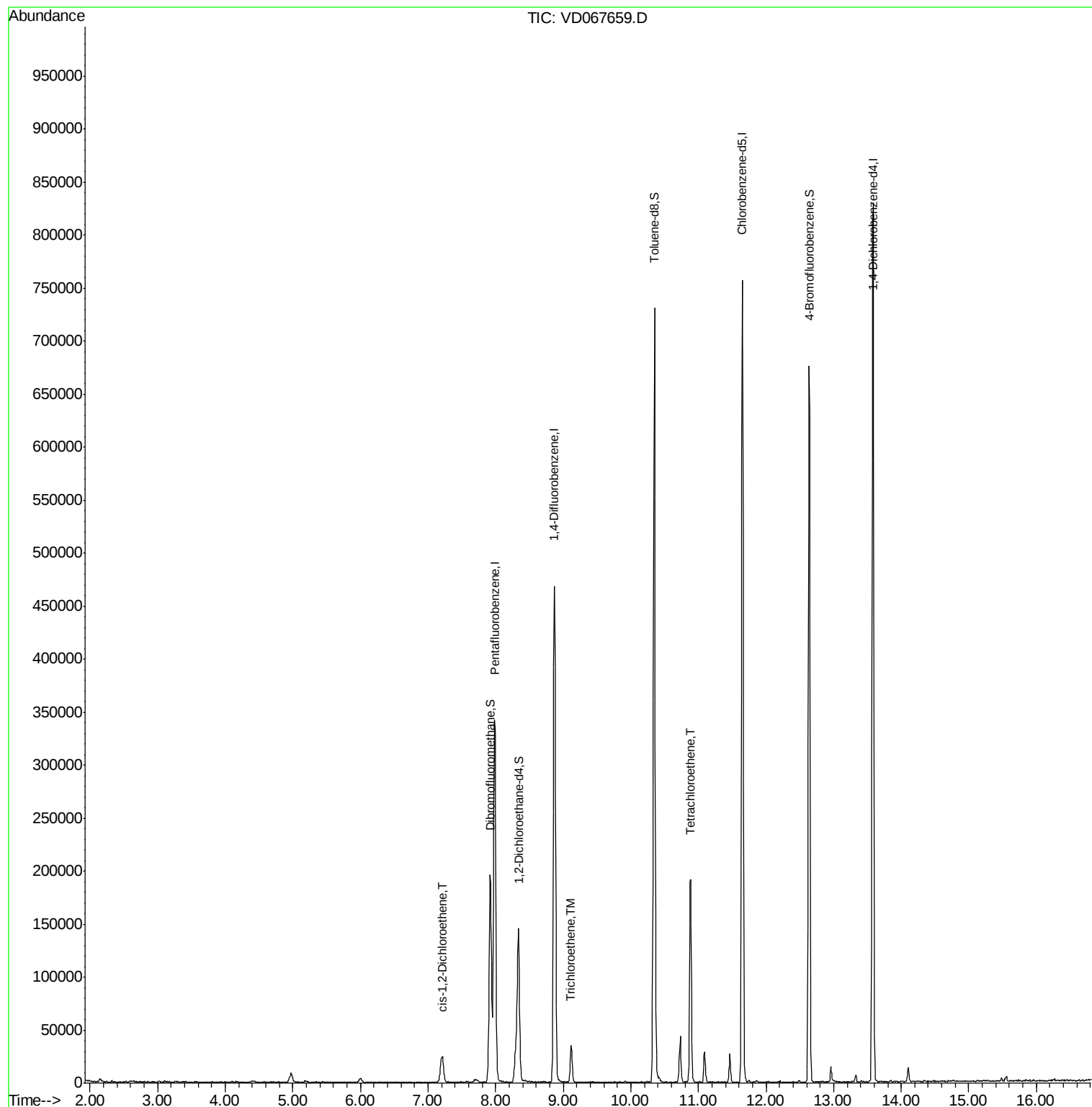
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	266755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	440422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	460377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	127123	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	7.92	113	137295	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	10.34	98	519288	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.64	95	199679	62.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.04%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.22	96	9006	3.346	ug/l	90
44) Trichloroethene	9.11	130	14340	4.271	ug/l	76
64) Tetrachloroethene	10.88	164	46327	13.588	ug/l	95

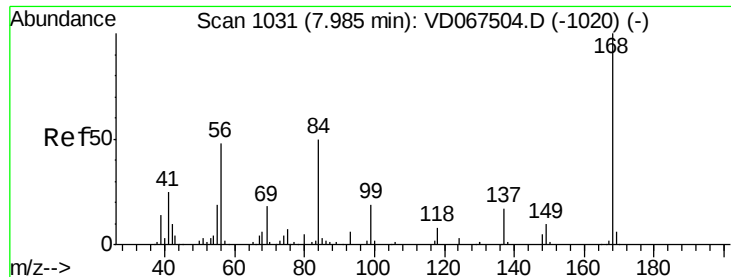
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
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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: VD067659.D

Acq: 17 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

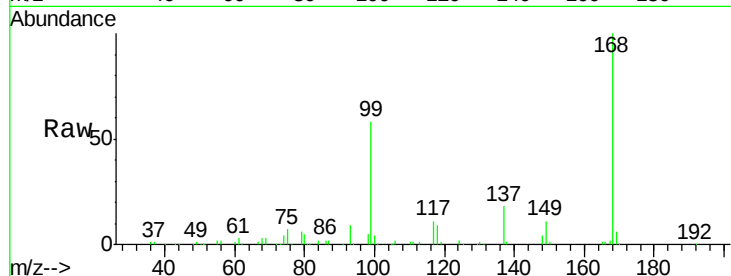
SS-6

Tot Ion:168 Resp: 266755

Ion Ratio Lower Upper

168 100

99 57.8 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

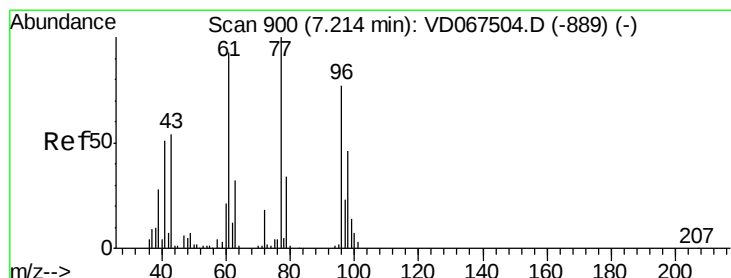
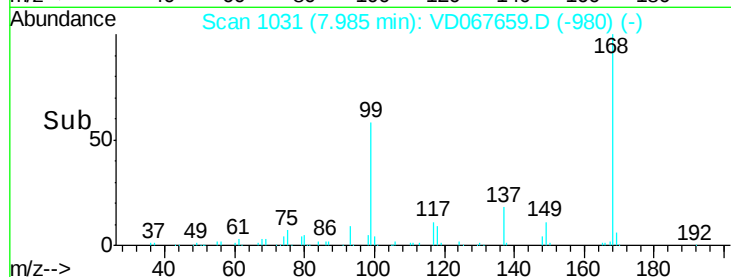
100000

50000

0

Time-->

7.90 8.00 8.10



#27

cis-1,2-Dichloroethene

Concen: 3.346 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067659.D

Acq: 17 Nov 2020 13:42

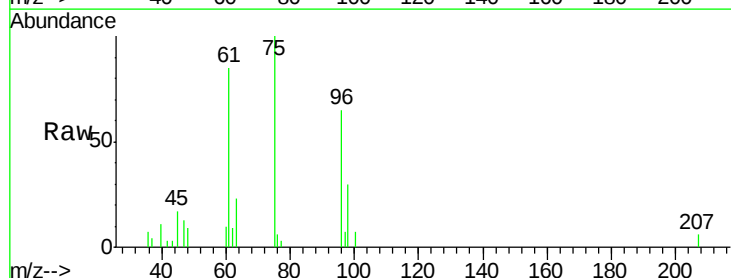
Tgt Ion: 96 Resp: 9006

Ion Ratio Lower Upper

96 100

61 115.6 0.0 251.6

98 73.1 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

5000

4000

3000

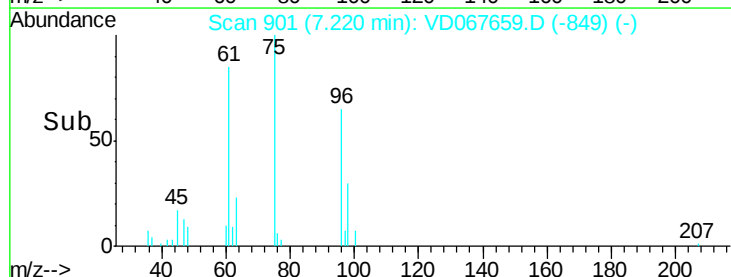
2000

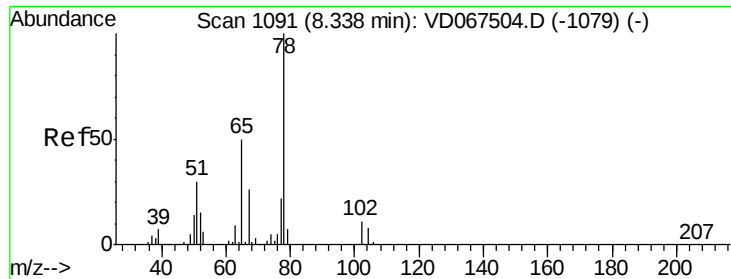
1000

0

Time-->

7.15 7.20 7.25 7.30

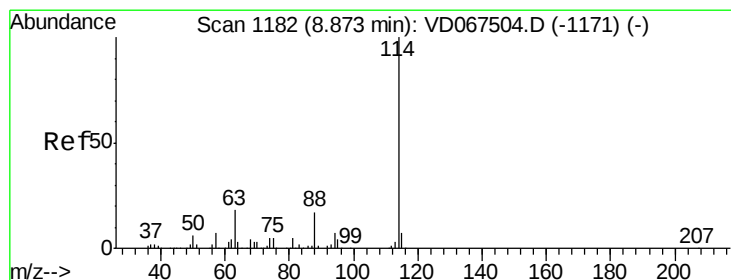
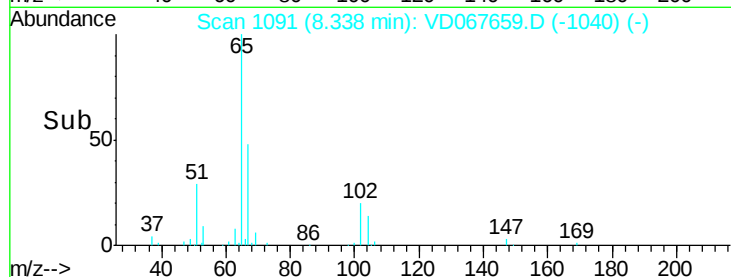
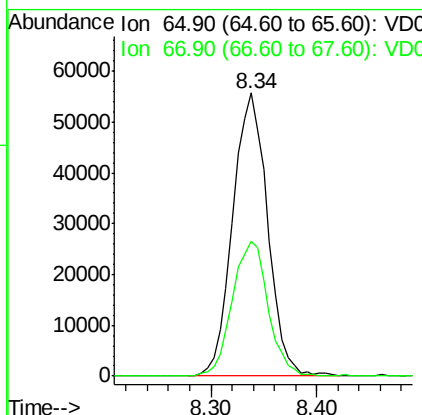
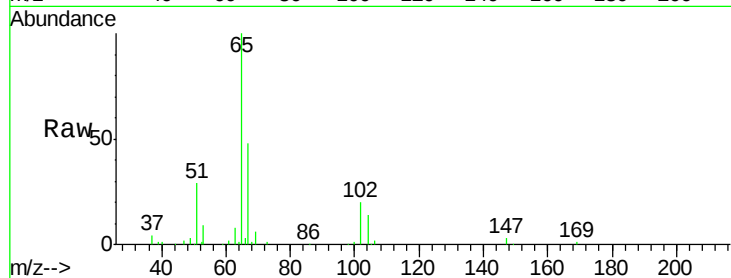




#33
 1,2-Dichloroethane-d4
 Concen: 54.501 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067659.D
 Acq: 17 Nov 2020 13:42

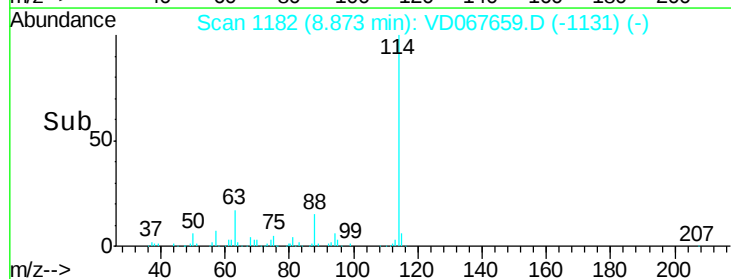
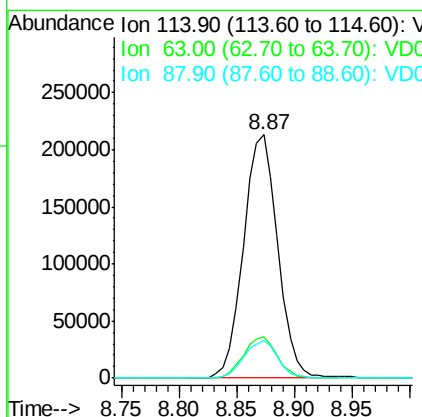
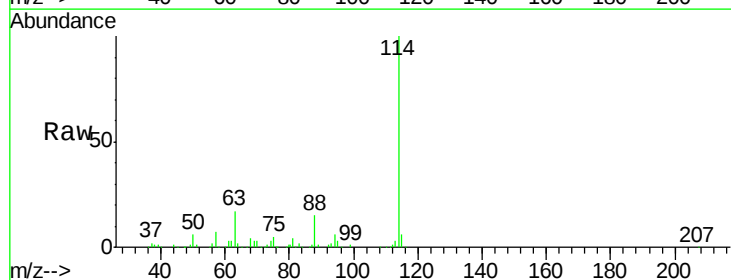
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-6

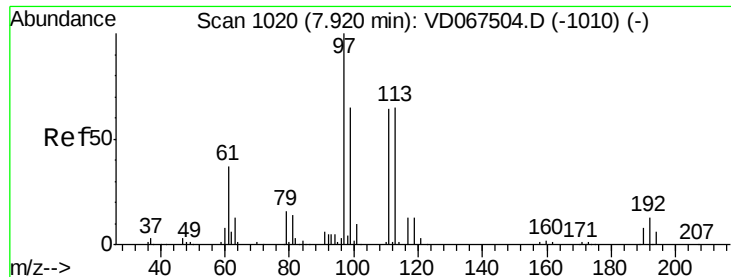
Tot Ion: 65 Resp: 127123
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VD067659.D
 Acq: 17 Nov 2020 13:42

Tgt Ion: 114 Resp: 440422
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.0
 88 15.4 0.0 33.0

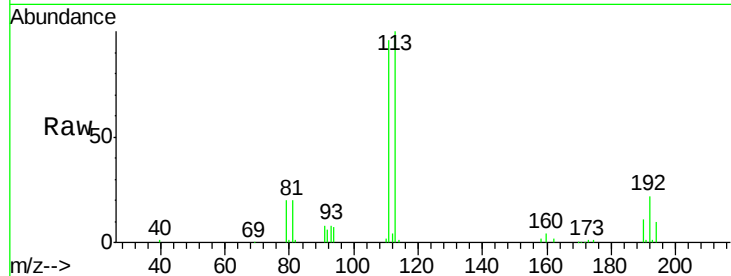




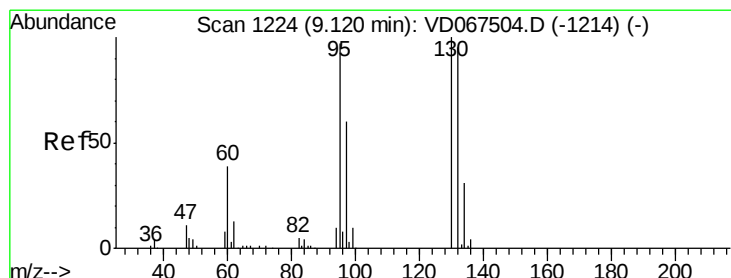
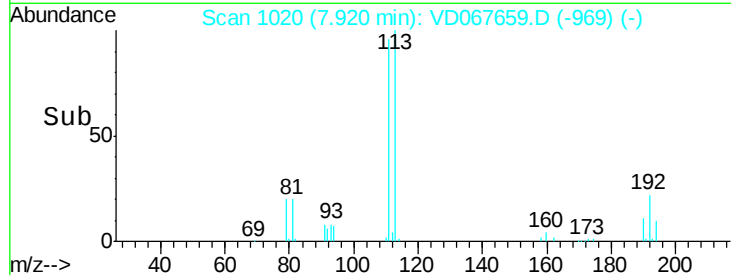
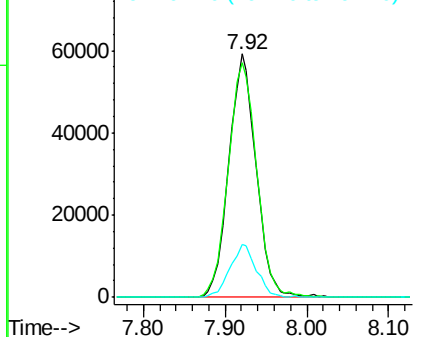
#35
 Dibromofluoromethane
 Concen: 51.741 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067659.D
 Acq: 17 Nov 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-6

Tot Ion:113 Resp: 137295
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.0 120.0
 192 21.0 16.3 24.5

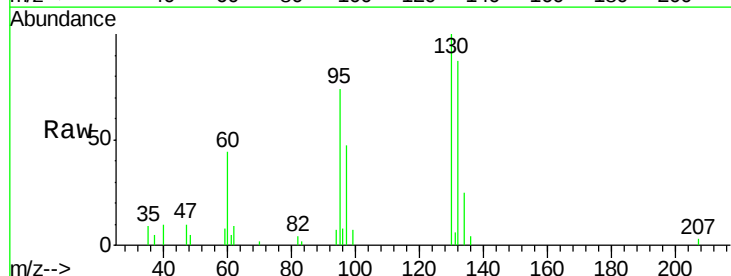


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

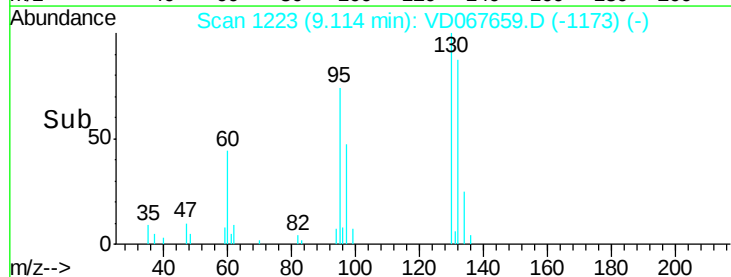
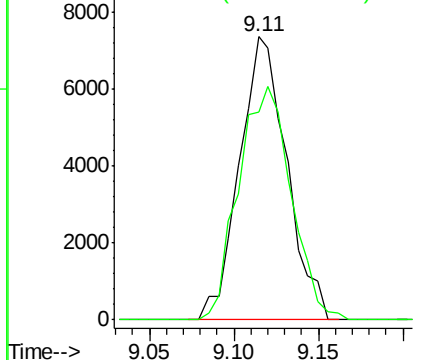


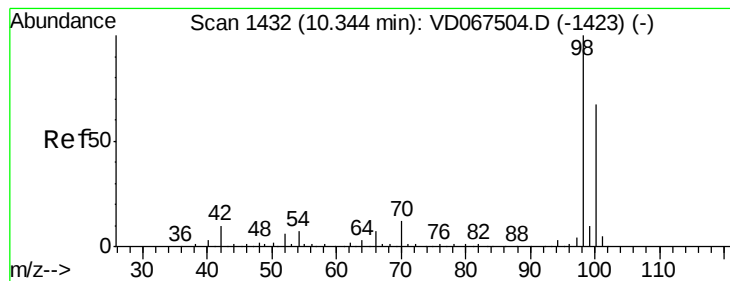
#44
 Trichloroethene
 Concen: 4.271 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: VD067659.D
 Acq: 17 Nov 2020 13:42

Tgt Ion:130 Resp: 14340
 Ion Ratio Lower Upper
 130 100
 95 73.6 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: 55.687 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067659.D

Acq: 17 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

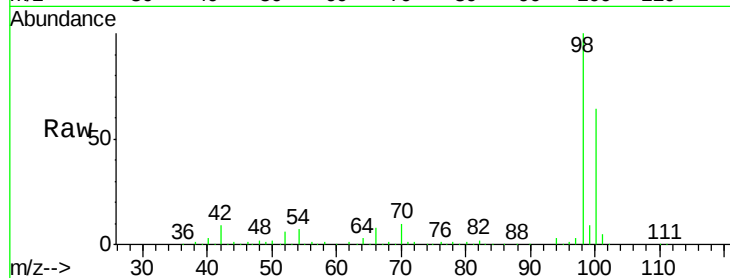
SS-6

Tot Ion: 98 Resp: 519288

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

300000

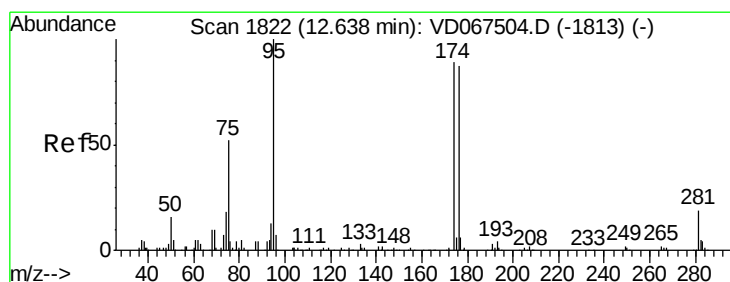
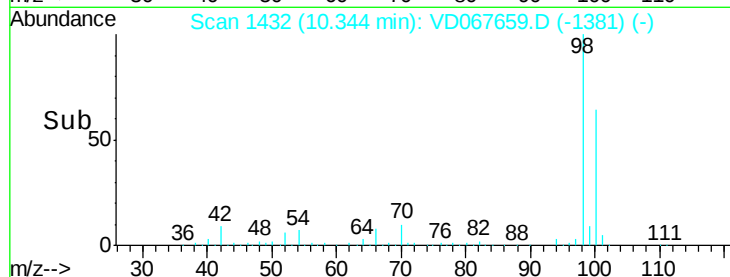
200000

100000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 62.022 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067659.D

Acq: 17 Nov 2020 13:42

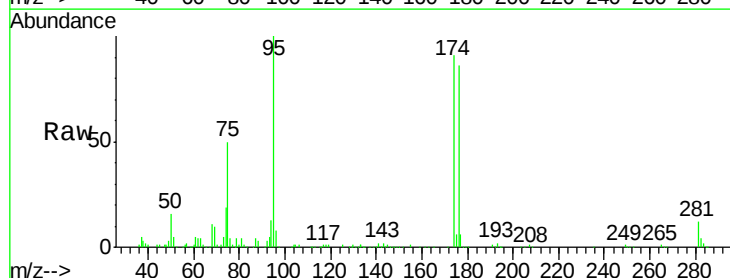
Tgt Ion: 95 Resp: 199679

Ion Ratio Lower Upper

95 100

174 91.8 0.0 177.8

176 88.3 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

12.64

150000

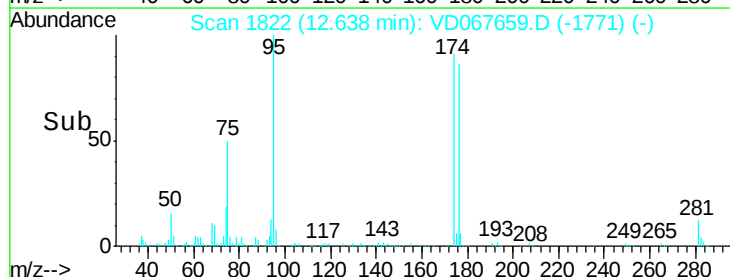
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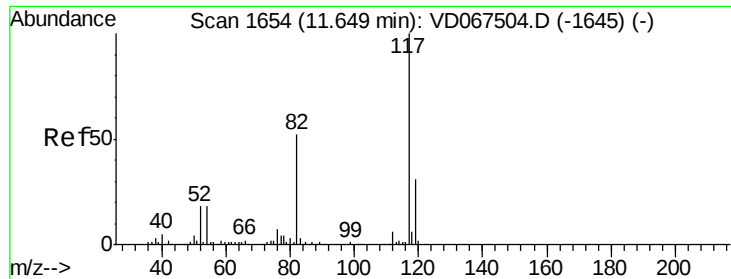
50000

0

12.55 12.60 12.65 12.70

Time-->

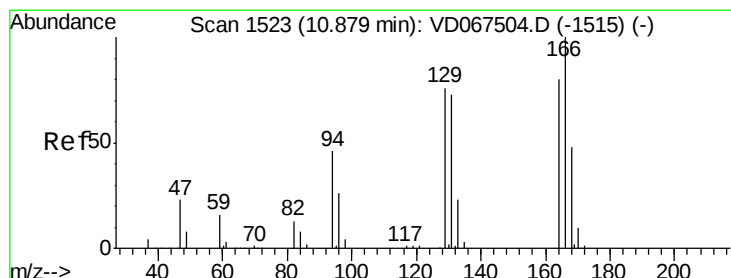
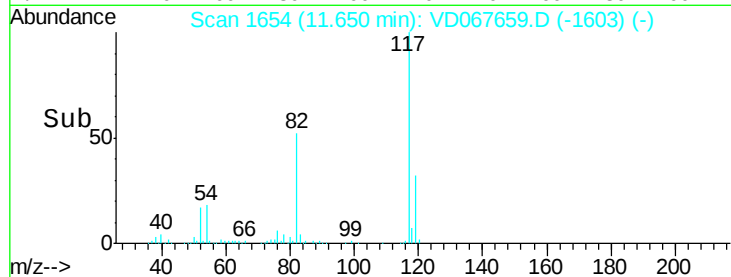
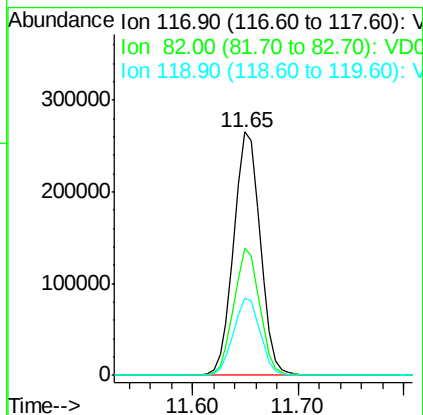
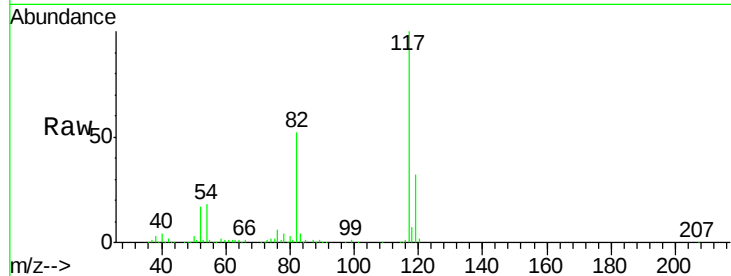




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067659.D
Acq: 17 Nov 2020 13:42

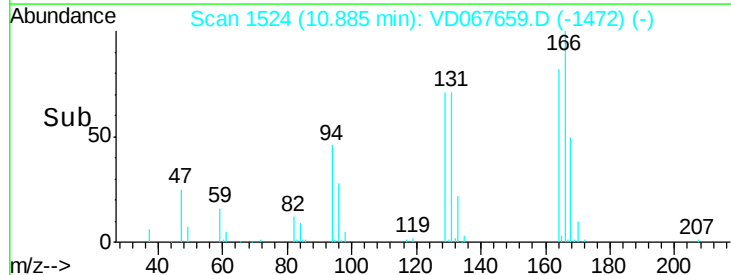
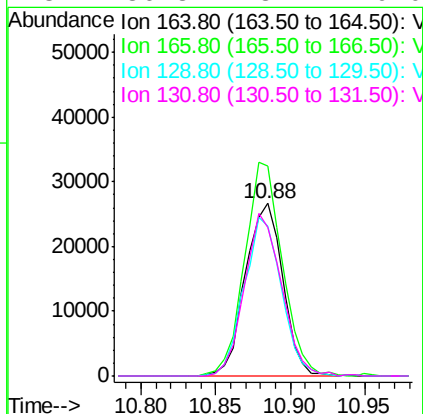
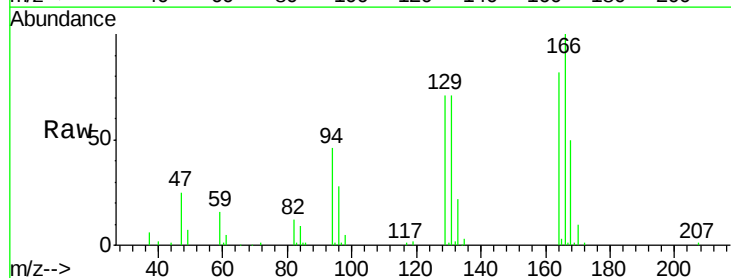
Instrument :
MSVOA_D
ClientSampleId :
SS-6

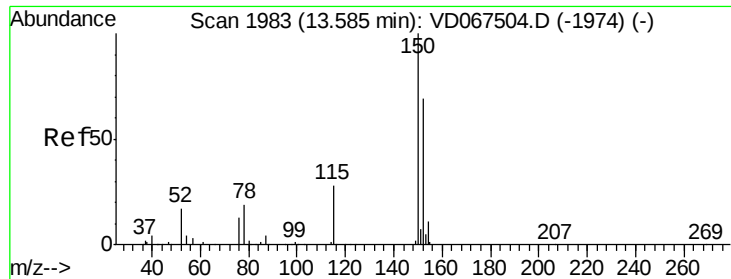
Tot Ion:117 Resp: 460377
Ion Ratio Lower Upper
117 100
82 52.5 41.6 62.4
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 13.588 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067659.D
Acq: 17 Nov 2020 13:42

Tgt Ion:164 Resp: 46327
Ion Ratio Lower Upper
164 100
166 121.5 99.9 149.9
129 86.6 75.5 113.3
131 86.3 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: VD067659.D

Acq: 17 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

SS-6

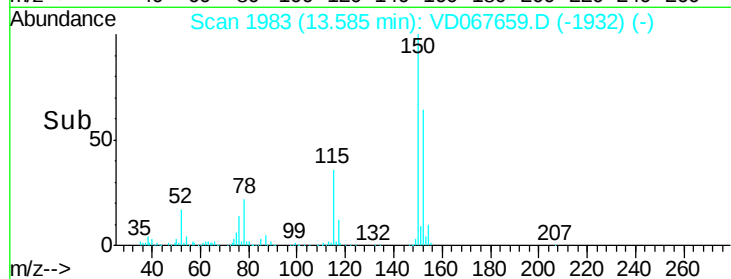
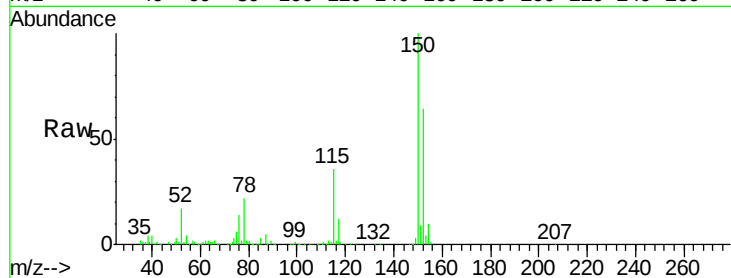
Tot Ion:152 Resp: 235056

Ion Ratio Lower Upper

152 100

115 58.3 29.3 88.0

150 158.1 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

