

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067645.D
 Acq On : 16 Nov 2020 17:13
 Operator : VA/SY
 Sample : L4687-09
 Misc : 5.83G/5.01ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

Quant Time: Nov 17 01:41:47 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

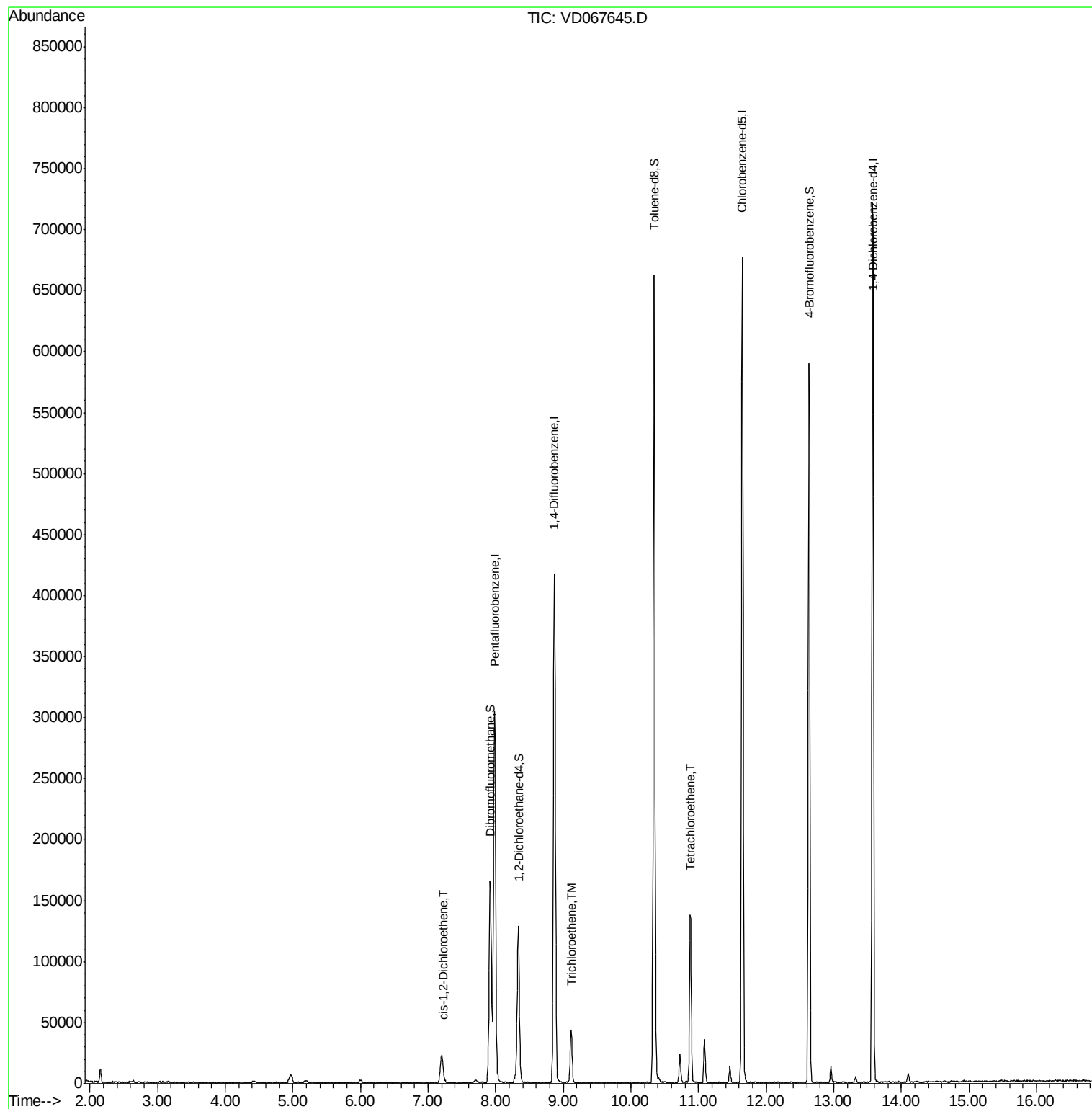
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	229437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	375779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	401713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	203971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	114611	57.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.26%	
35) Dibromofluoromethane	7.92	113	118854	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
50) Toluene-d8	10.34	98	447616	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
62) 4-Bromofluorobenzene	12.64	95	177311	64.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.10%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.23	96	5228	2.258	ug/l #	1
44) Trichloroethene	9.12	130	16737	5.842	ug/l	97
64) Tetrachloroethene	10.88	164	32990	11.089	ug/l	91

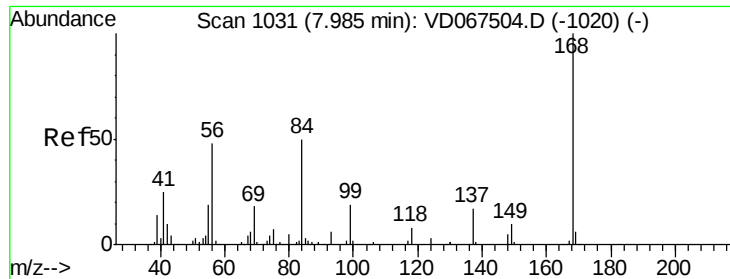
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067645.D

Acq: 16 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleID :

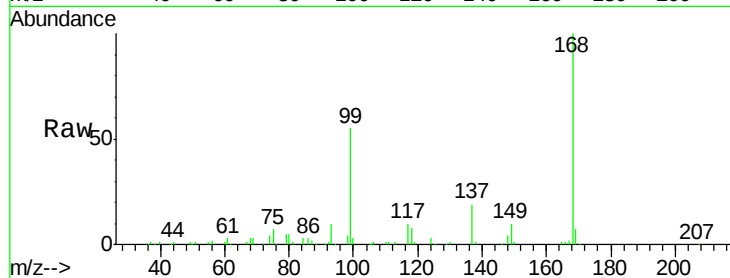
SS-8

Tot Ion:168 Resp: 229437

Ion Ratio Lower Upper

168 100

99 54.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

120000

100000

80000

60000

40000

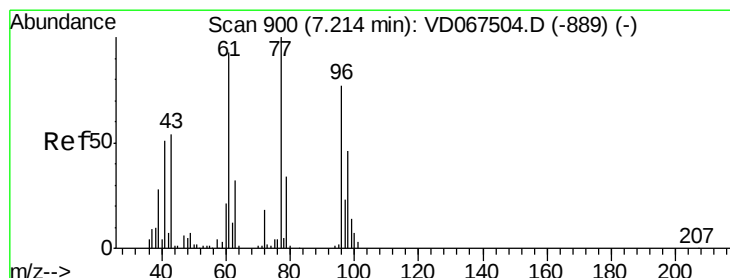
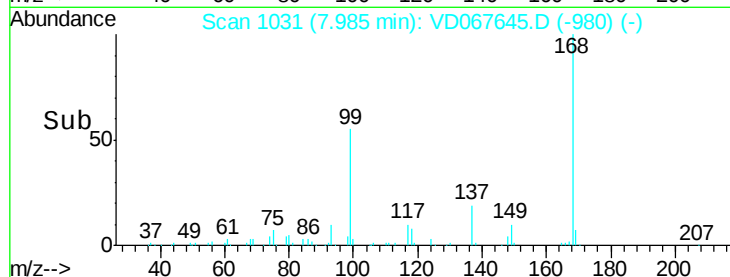
20000

0

7.98

7.90 7.95 8.00 8.05

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.258 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD067645.D

Acq: 16 Nov 2020 17:13

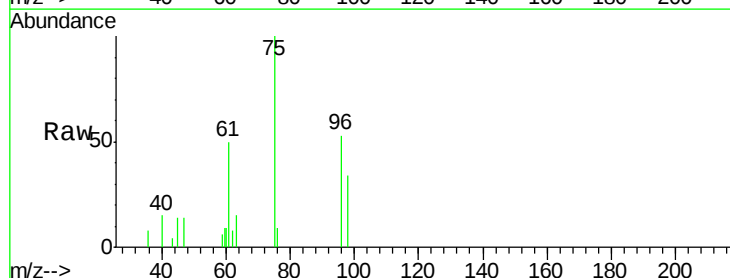
Tgt Ion: 96 Resp: 5228

Ion Ratio Lower Upper

96 100

61 0.0 0.0 251.6

98 0.0 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

3000

2500

2000

1500

1000

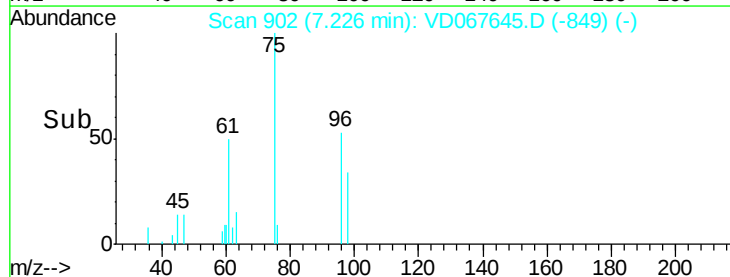
500

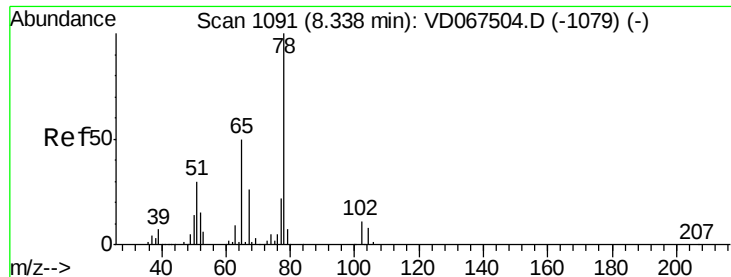
0

7.23

7.15 7.20 7.25 7.30

Time-->

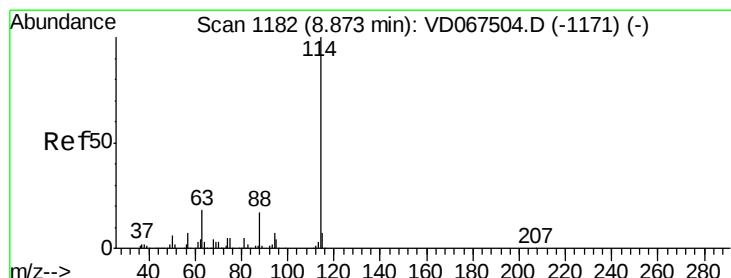
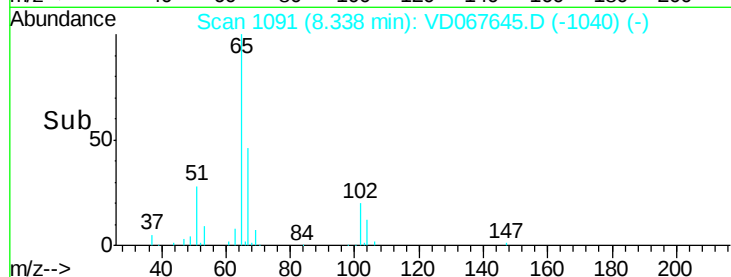
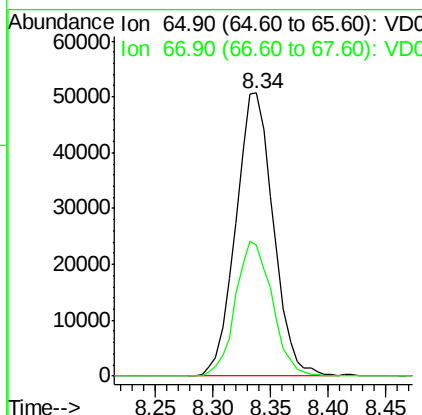
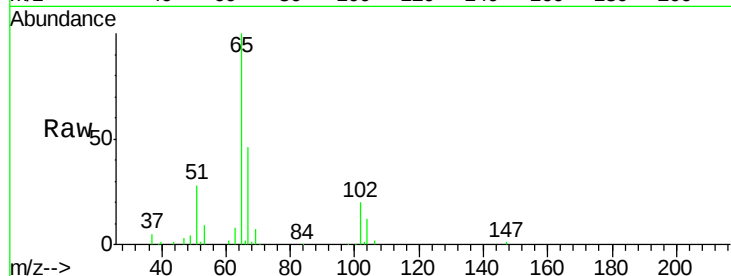




#33
 1,2-Dichloroethane-d4
 Concen: 57.129 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067645.D
 Acq: 16 Nov 2020 17:13

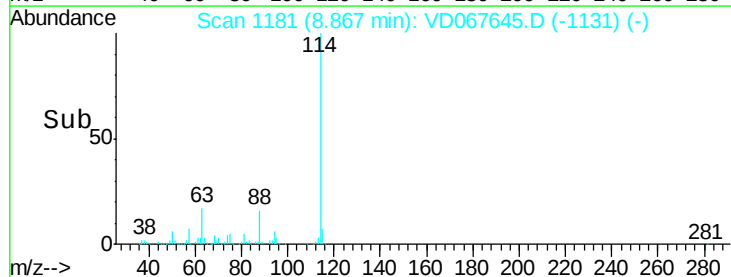
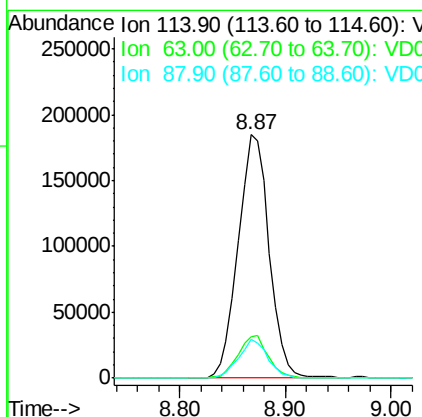
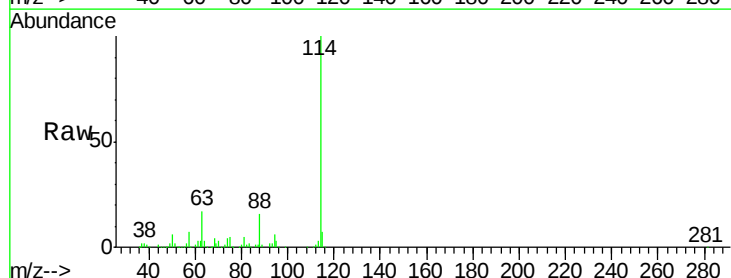
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

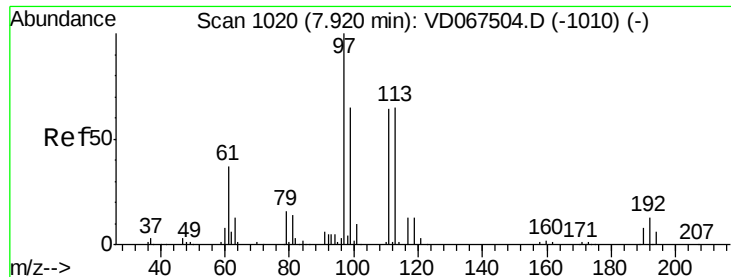
Tot Ion: 65 Resp: 114611
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067645.D
 Acq: 16 Nov 2020 17:13

Tgt Ion: 114 Resp: 375779
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 16.1 0.0 33.0

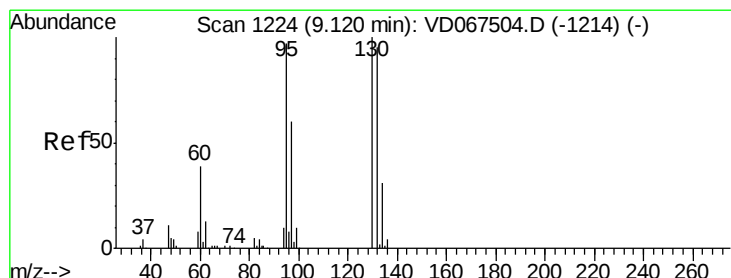
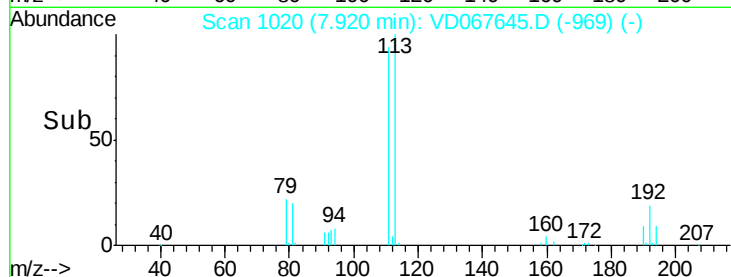
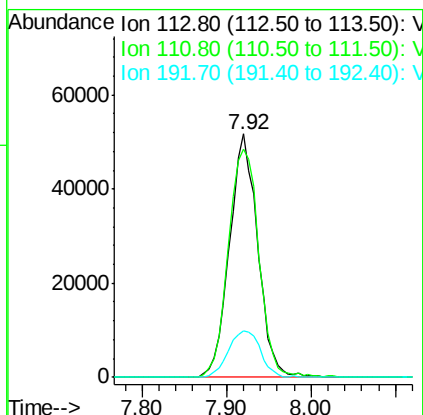
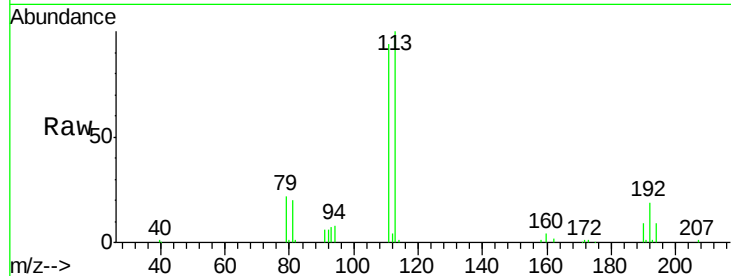




#35
 Dibromofluoromethane
 Concen: 52.496 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067645.D
 Acq: 16 Nov 2020 17:13

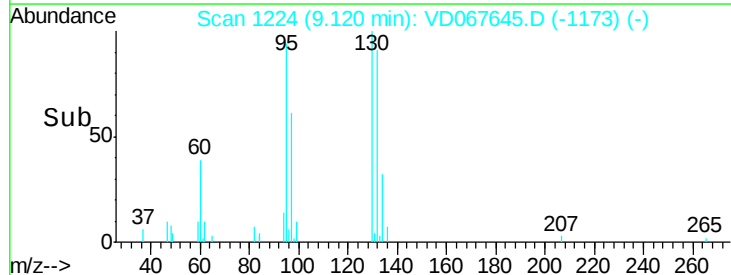
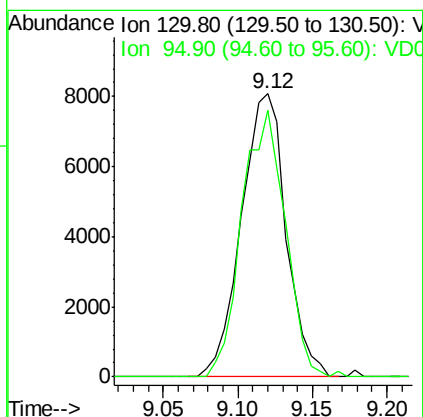
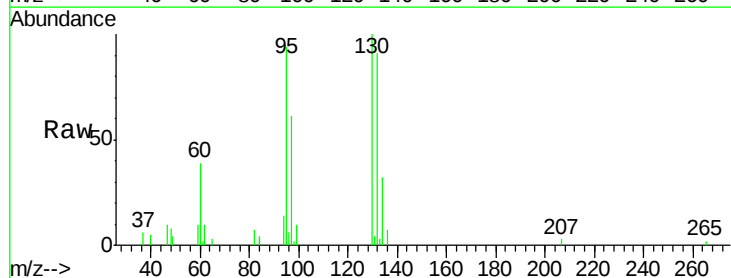
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

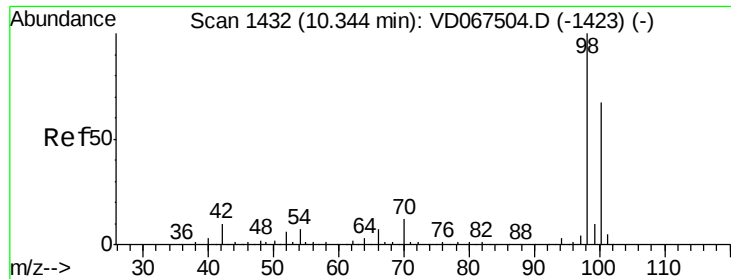
Tot Ion:113 Resp: 118854
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.0 120.0
 192 21.5 16.3 24.5



#44
 Trichloroethene
 Concen: 5.842 ug/l
 RT: 9.12 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VD067645.D
 Acq: 16 Nov 2020 17:13

Tgt Ion:130 Resp: 16737
 Ion Ratio Lower Upper
 130 100
 95 94.4 0.0 194.4





#50

Toluene-d8

Concen: 56.258 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067645.D

Acq: 16 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampled :

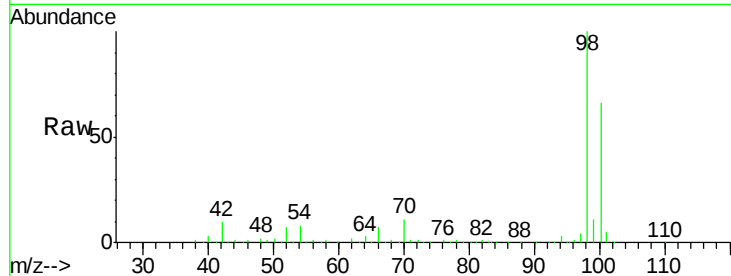
SS-8

Tot Ion: 98 Resp: 447616

Ion Ratio Lower Upper

98 100

100 65.7 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

250000

200000

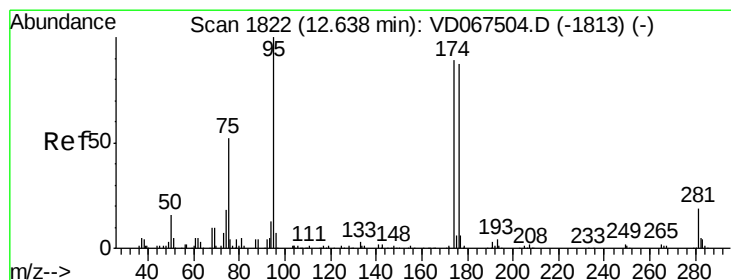
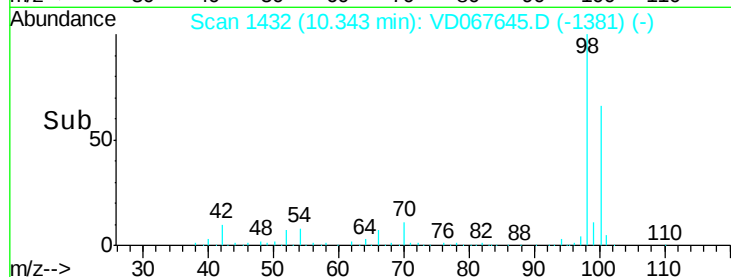
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 64.549 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067645.D

Acq: 16 Nov 2020 17:13

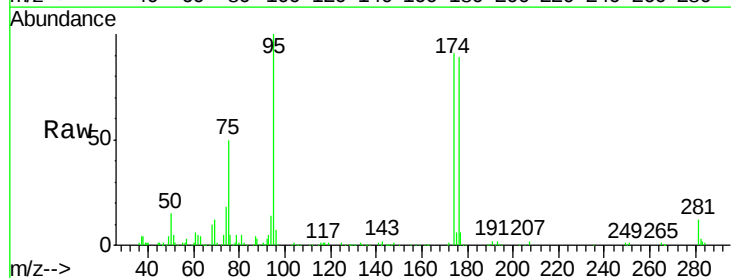
Tgt Ion: 95 Resp: 177311

Ion Ratio Lower Upper

95 100

174 90.1 0.0 177.8

176 87.6 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

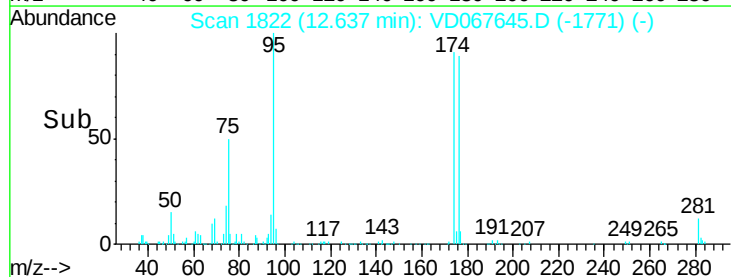
150000

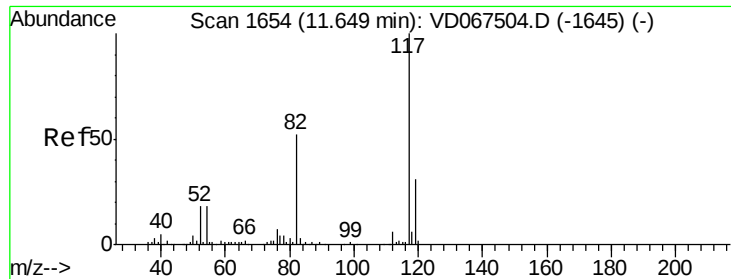
100000

50000

0

Time-->

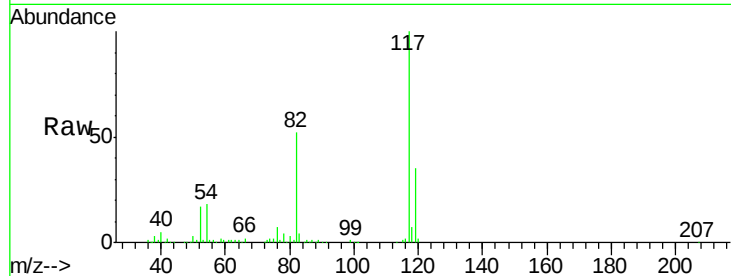




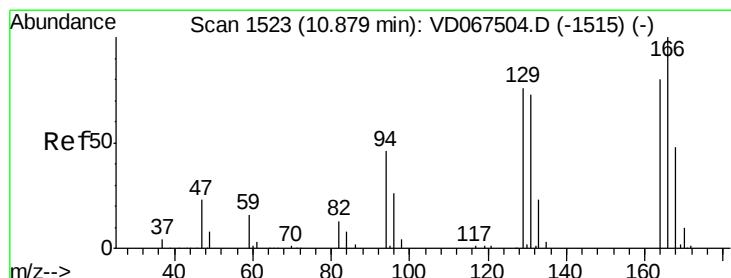
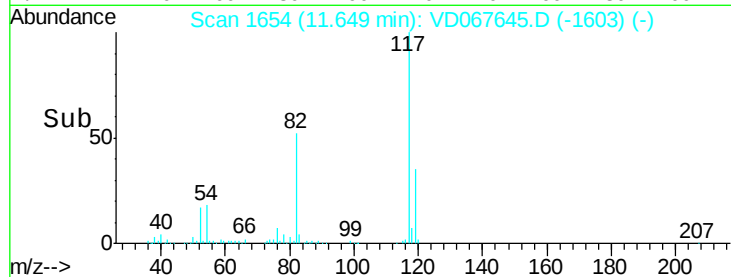
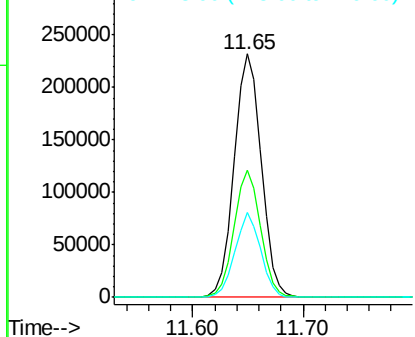
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067645.D
Acq: 16 Nov 2020 17:13

Instrument :
MSVOA_D
ClientSampleId :
SS-8

Tot Ion:117 Resp: 401713
Ion Ratio Lower Upper
117 100
82 52.1 41.6 62.4
119 34.6 25.1 37.7

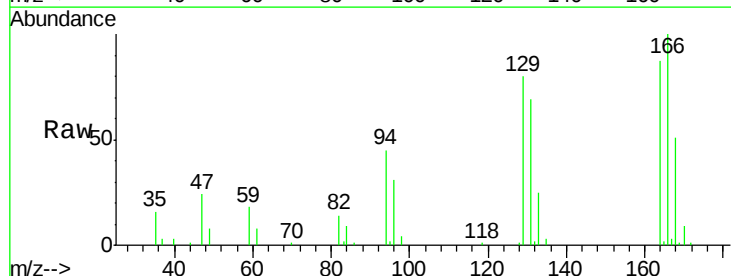


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

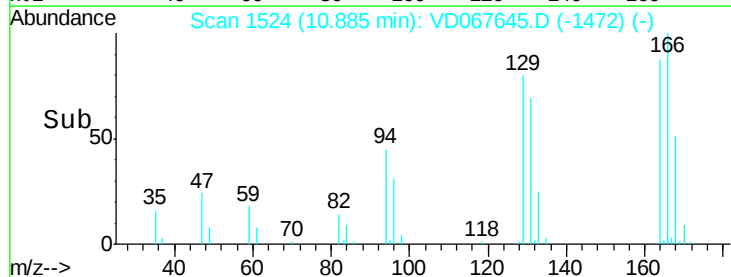
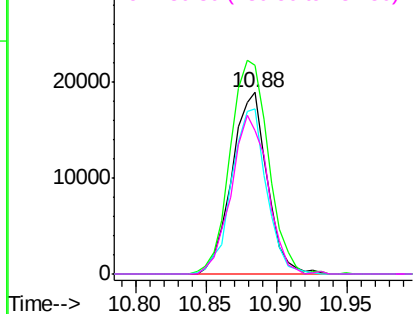


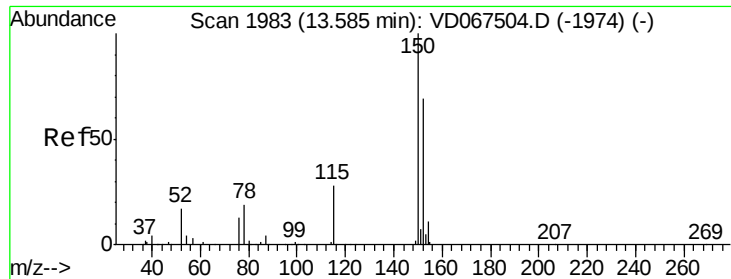
#64
Tetrachloroethene
Concen: 11.089 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067645.D
Acq: 16 Nov 2020 17:13

Tgt Ion:164 Resp: 32990
Ion Ratio Lower Upper
164 100
166 114.6 99.9 149.9
129 91.2 75.5 113.3
131 79.0 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# 1983

Delta R.T. -0.00 min

Lab File: VD067645.D

Acq: 16 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleId :

SS-8

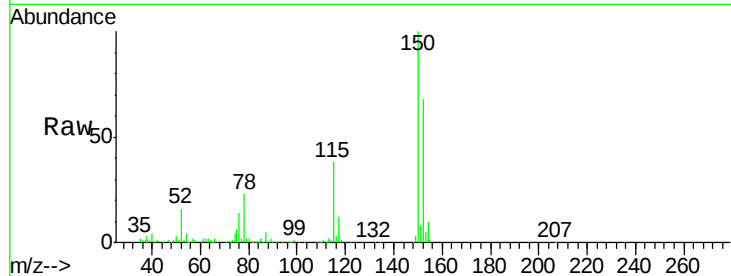
Tot Ion:152 Resp: 203971

Ion Ratio Lower Upper

152 100

115 58.6 29.3 88.0

150 154.4 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

