

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067641.D
 Acq On : 16 Nov 2020 15:23
 Operator : VA/SY
 Sample : L4687-05
 Misc : 5.31G/5.01ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-4

Quant Time: Nov 17 01:36:31 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

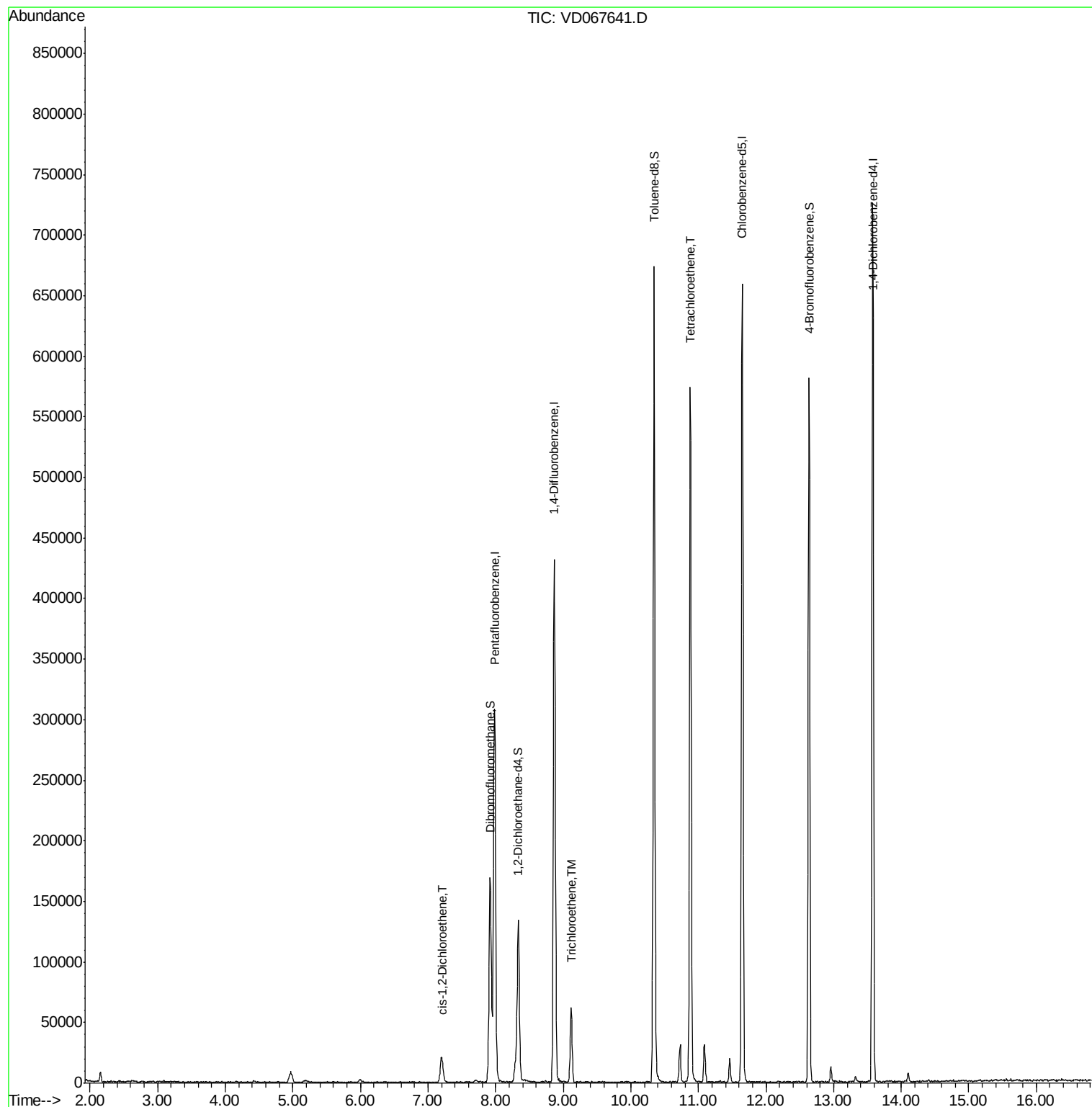
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	239152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	387060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	401056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	200678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	113025	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
35) Dibromofluoromethane	7.91	113	120363	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	10.34	98	451216	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.64	95	172639	61.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.04%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.21	96	4735	1.962	ug/l	92
44) Trichloroethene	9.12	130	23946	8.115	ug/l	94
64) Tetrachloroethene	10.88	164	137281	46.220	ug/l	98

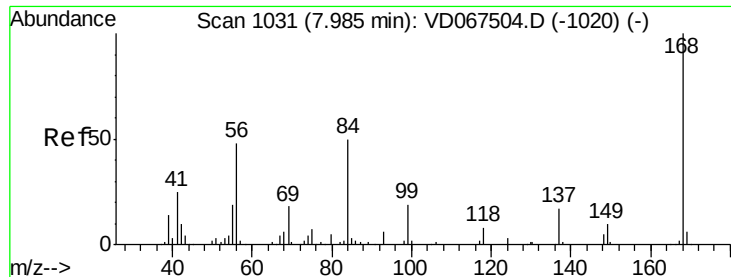
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111620\
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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: VD067641.D

Acq: 16 Nov 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

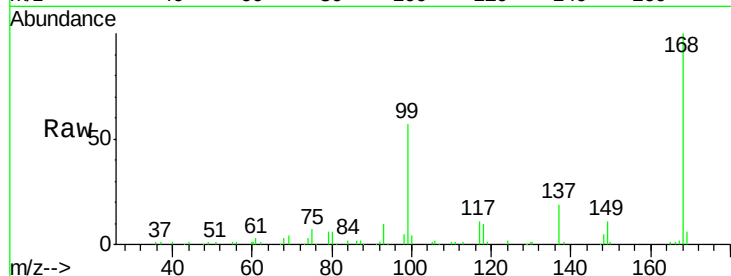
SS-4

Tot Ion:168 Resp: 239152

Ion Ratio Lower Upper

168 100

99 57.2 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

80000

60000

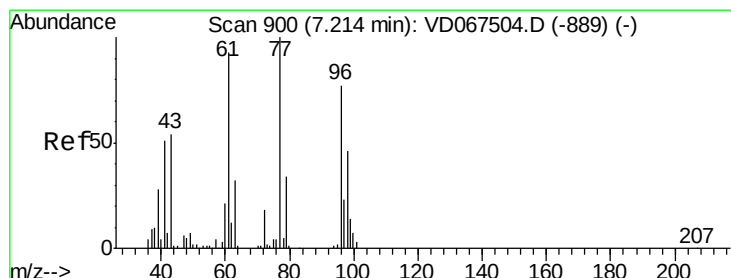
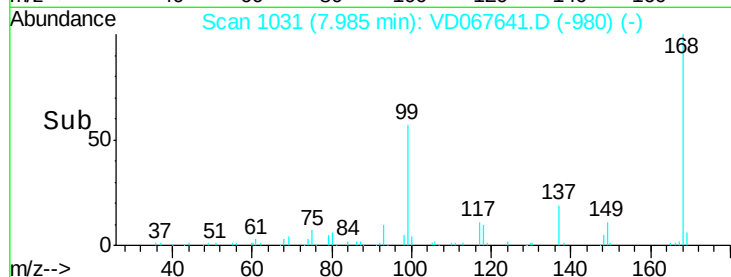
40000

20000

0

Time-->

7.90 8.00 8.10



#27

cis-1,2-Dichloroethene

Concen: 1.962 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067641.D

Acq: 16 Nov 2020 15:23

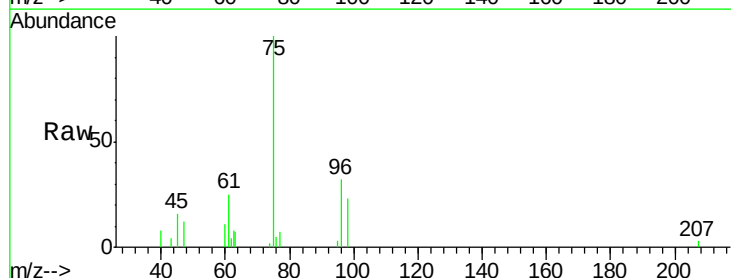
Tgt Ion: 96 Resp: 4735

Ion Ratio Lower Upper

96 100

61 115.1 0.0 251.6

98 60.8 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

7.21

2500

2000

1500

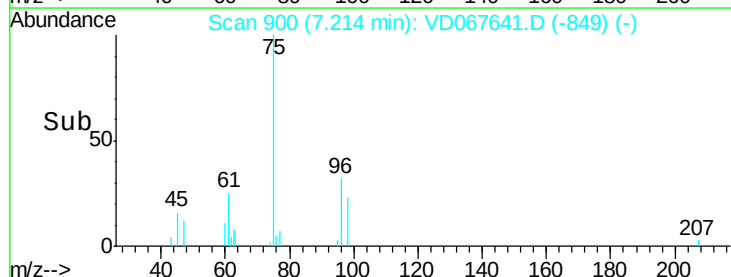
1000

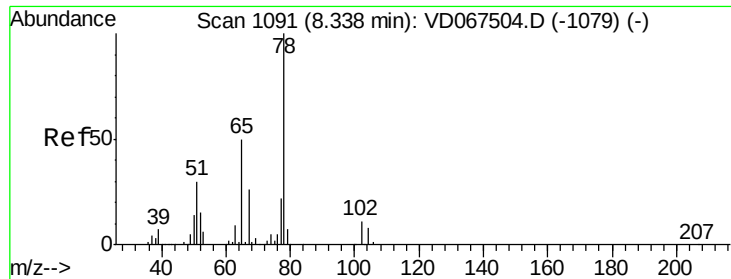
500

0

Time-->

7.15 7.20 7.25

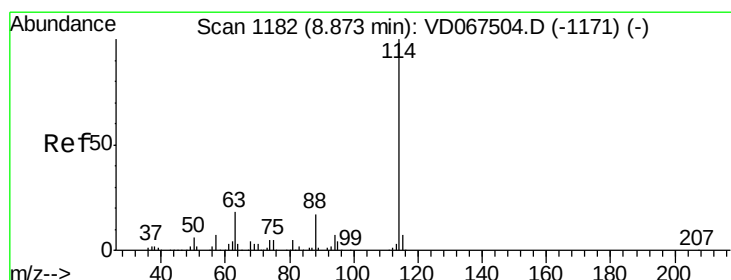
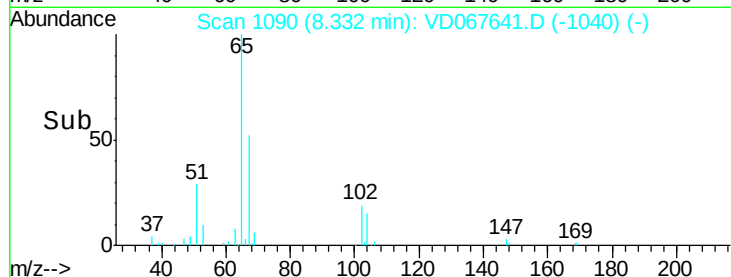
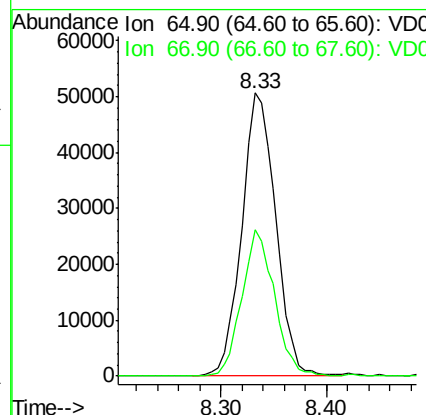
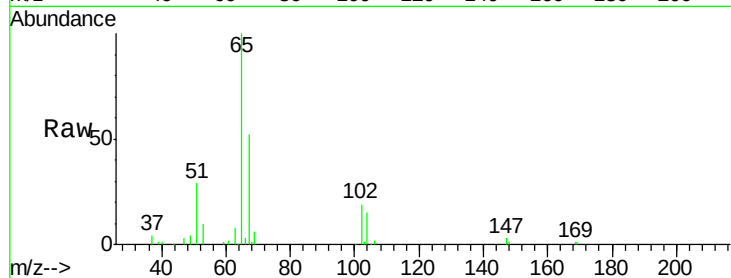




#33
 1,2-Dichloroethane-d4
 Concen: 54.050 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067641.D
 Acq: 16 Nov 2020 15:23

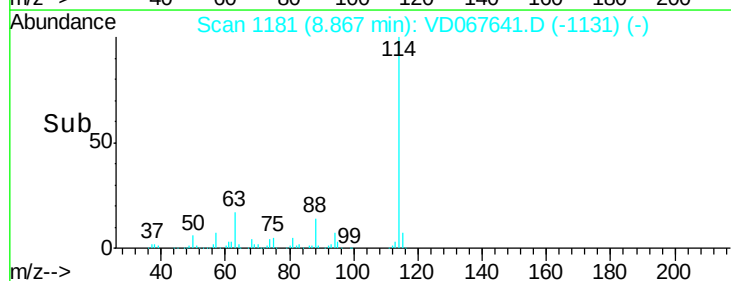
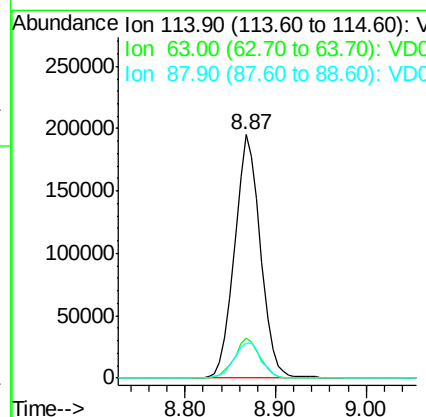
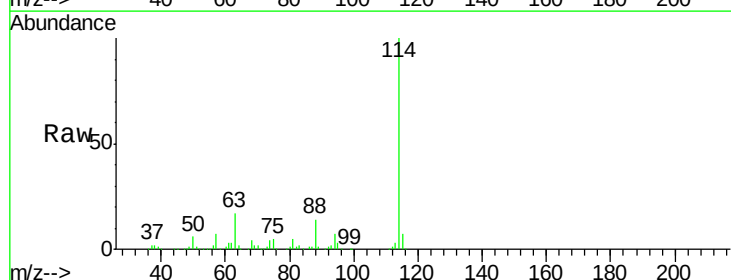
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-4

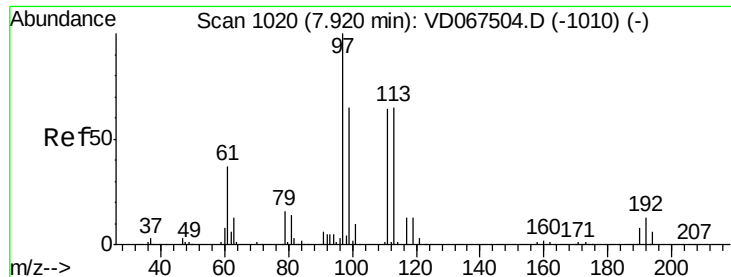
Tot Ion: 65 Resp: 113025
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067641.D
 Acq: 16 Nov 2020 15:23

Tgt Ion: 114 Resp: 387060
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.0
 88 14.3 0.0 33.0

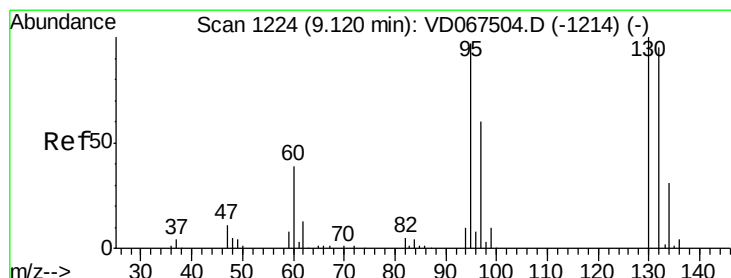
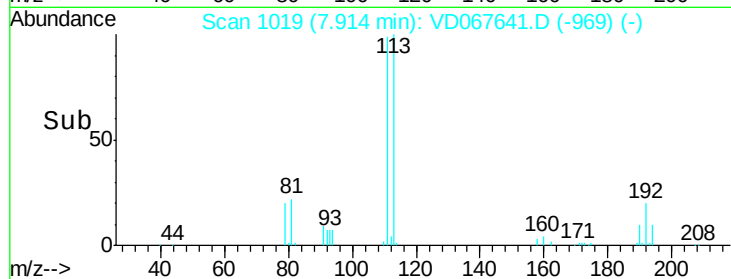
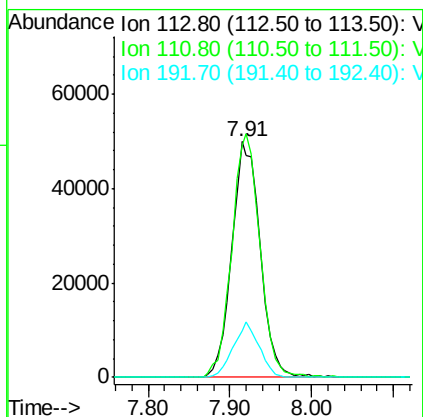
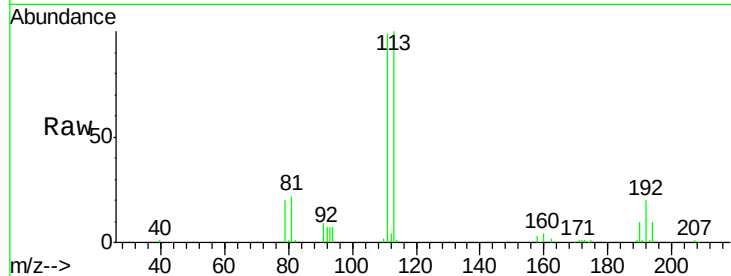




#35
 Dibromofluoromethane
 Concen: 51.613 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067641.D
 Acq: 16 Nov 2020 15:23

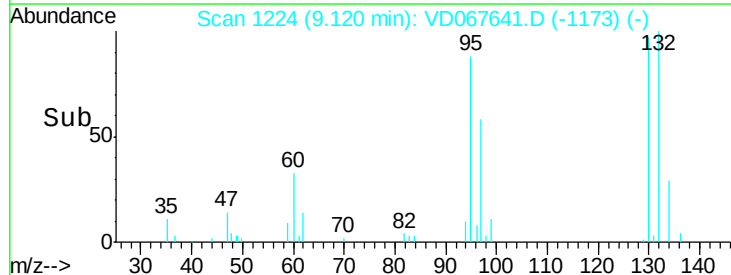
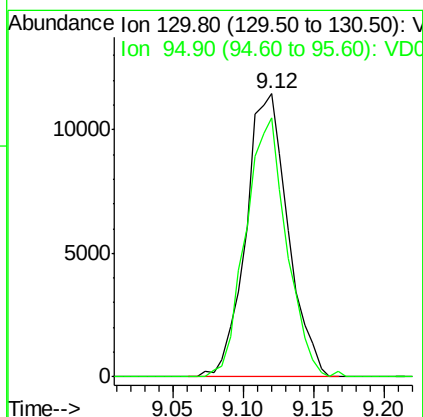
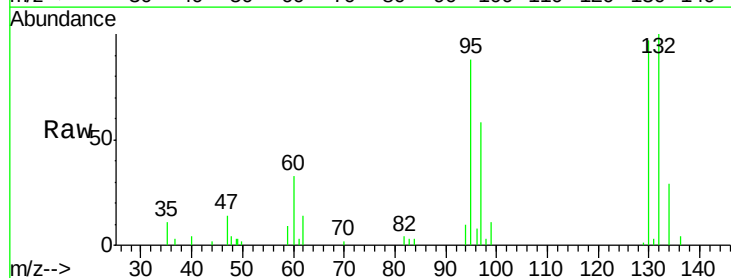
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-4

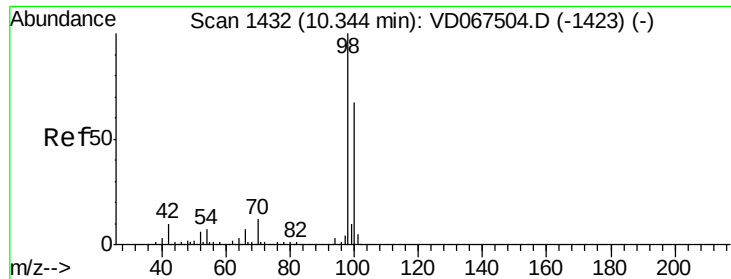
Tot Ion:113 Resp: 120363
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.0 120.0
 192 21.3 16.3 24.5



#44
 Trichloroethene
 Concen: 8.115 ug/l
 RT: 9.12 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VD067641.D
 Acq: 16 Nov 2020 15:23

Tgt Ion:130 Resp: 23946
 Ion Ratio Lower Upper
 130 100
 95 91.6 0.0 194.4





#50

Toluene-d8

Concen: 55.058 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067641.D

Acq: 16 Nov 2020 15:23

Instrument :

MSVOA_D

ClientSampled :

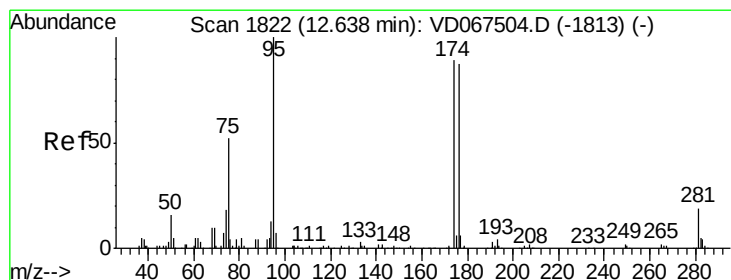
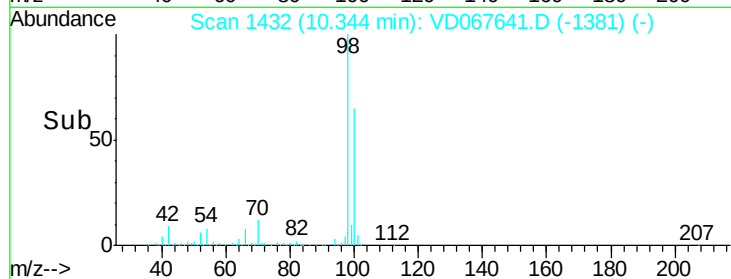
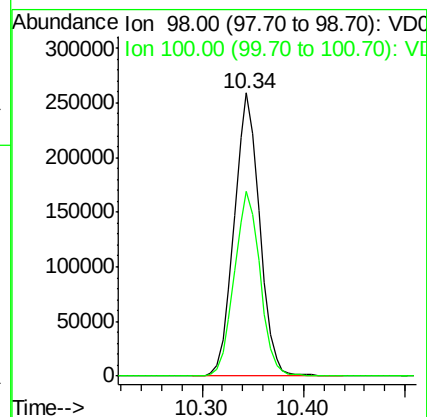
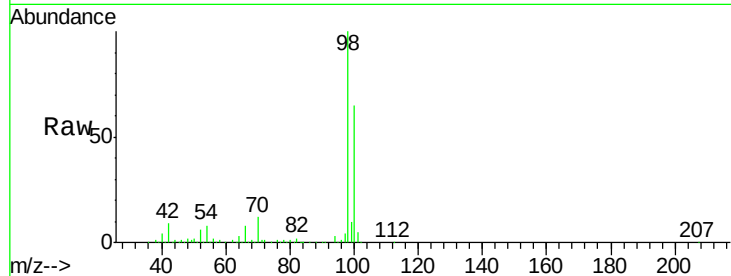
SS-4

Tot Ion: 98 Resp: 451216

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 61.016 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067641.D

Acq: 16 Nov 2020 15:23

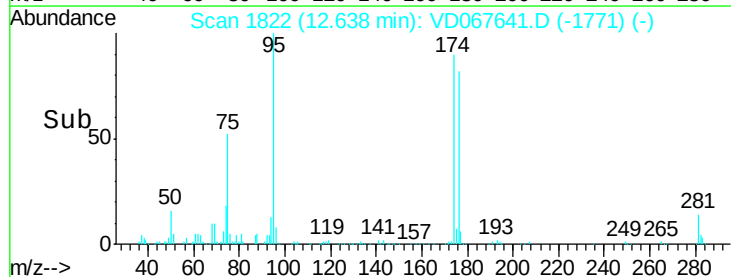
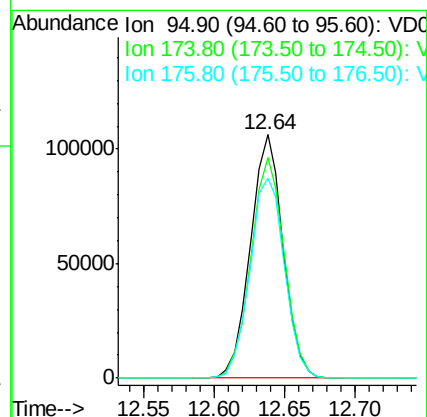
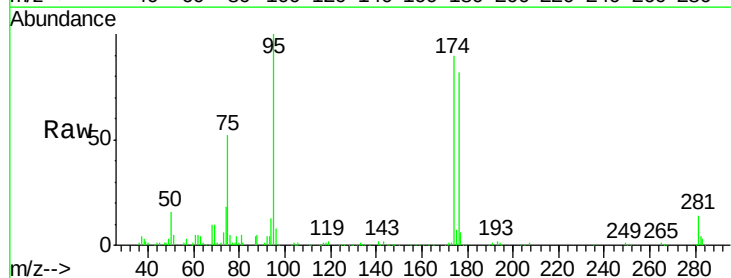
Tgt Ion: 95 Resp: 172639

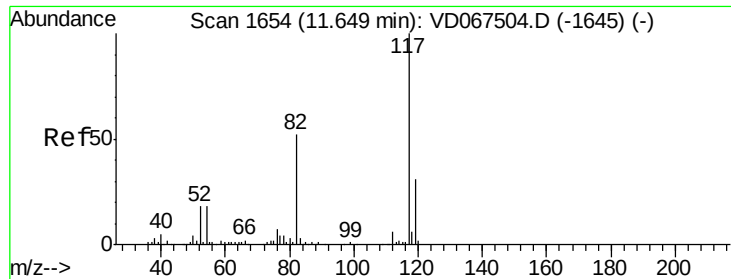
Ion Ratio Lower Upper

95 100

174 92.7 0.0 177.8

176 87.2 0.0 172.0

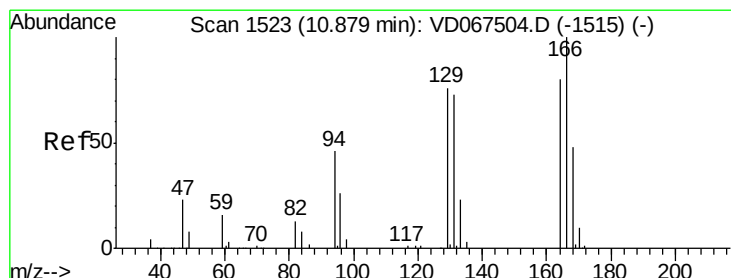
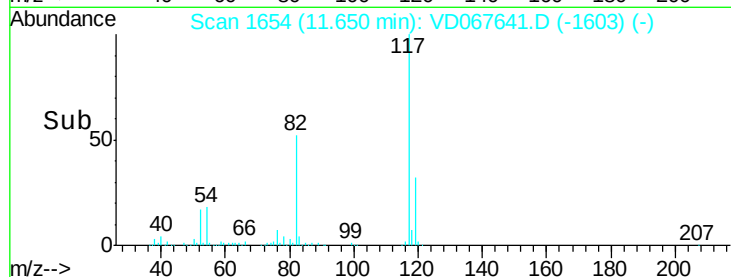
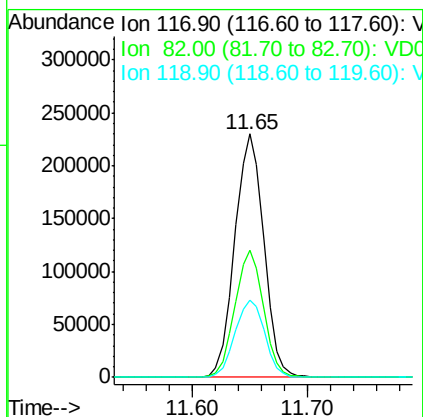
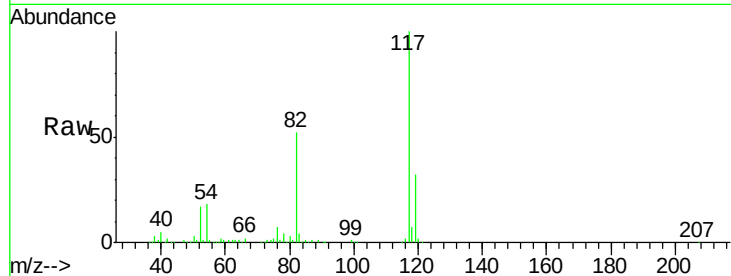




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067641.D
Acq: 16 Nov 2020 15:23

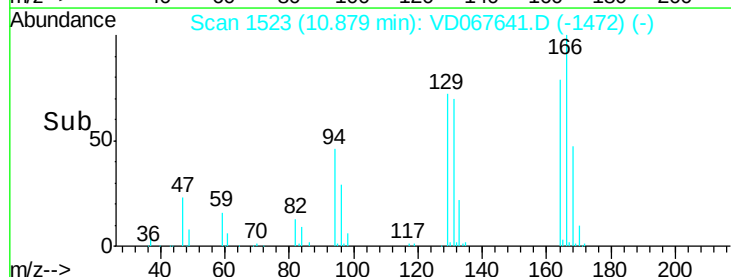
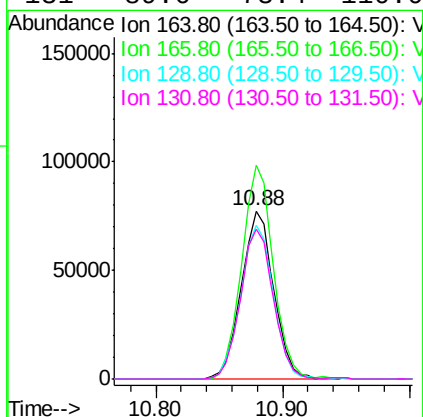
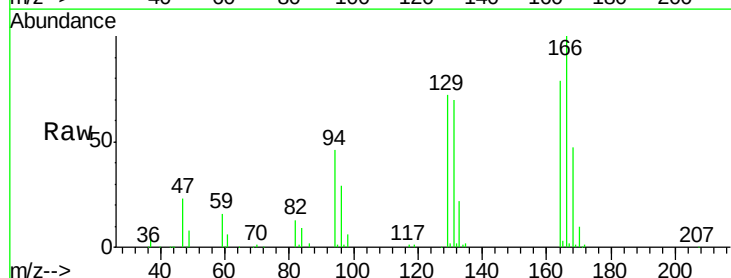
Instrument :
MSVOA_D
ClientSampleId :
SS-4

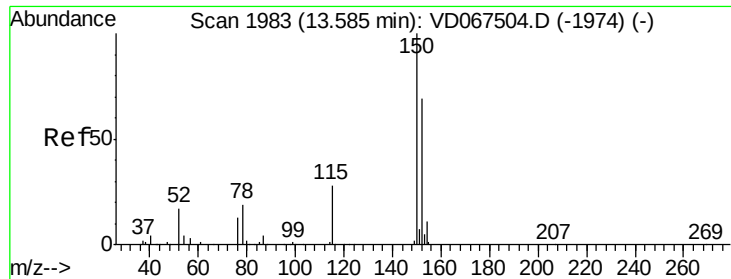
Tot Ion:117 Resp: 401056
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 46.220 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067641.D
Acq: 16 Nov 2020 15:23

Tgt Ion:164 Resp: 137281
Ion Ratio Lower Upper
164 100
166 127.2 99.9 149.9
129 91.3 75.5 113.3
131 89.6 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: VD067641.D

Acq: 16 Nov 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

SS-4

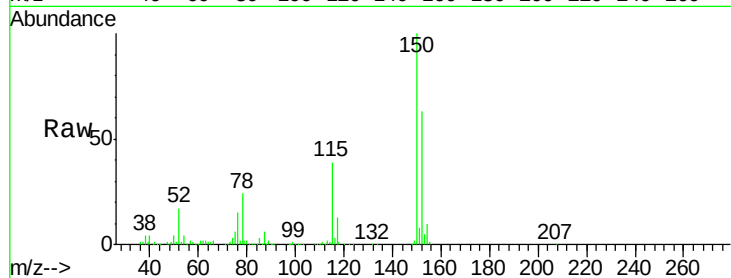
Tot Ion:152 Resp: 200678

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

150 155.4 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

