

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067644.D
 Acq On : 16 Nov 2020 16:46
 Operator : VA/SY
 Sample : L4687-08
 Misc : 4.42G/5.01ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-7

Quant Time: Nov 17 01:40:29 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

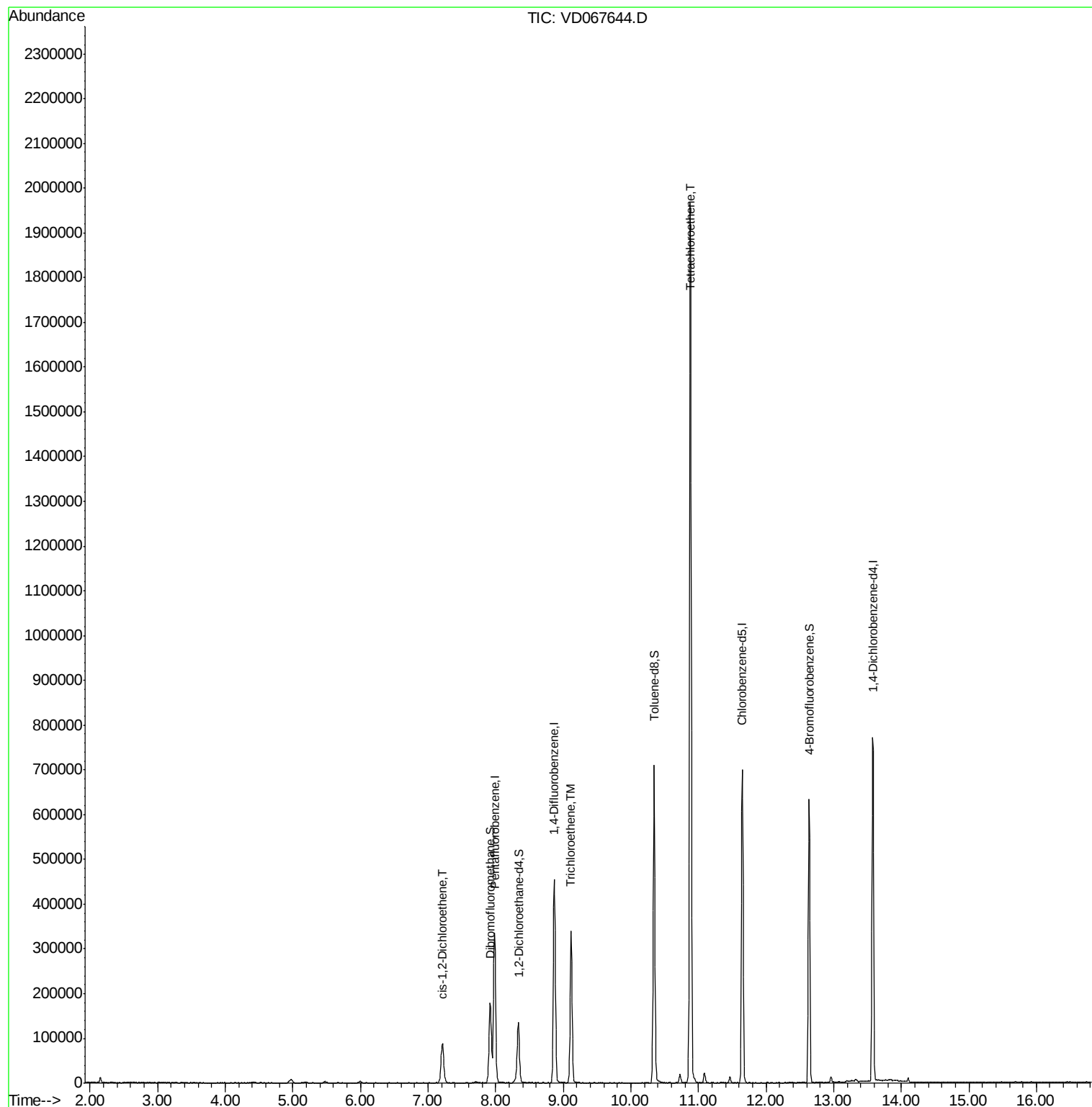
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	253609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	410421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	217331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	122149	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
35) Dibromofluoromethane	7.92	113	128253	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
50) Toluene-d8	10.34	98	481485	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
62) 4-Bromofluorobenzene	12.64	95	183292	61.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.18%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.21	96	53184	20.783	ug/l	89
44) Trichloroethene	9.12	130	130461	41.694	ug/l	93
64) Tetrachloroethene	10.88	164	462017	145.675	ug/l	97

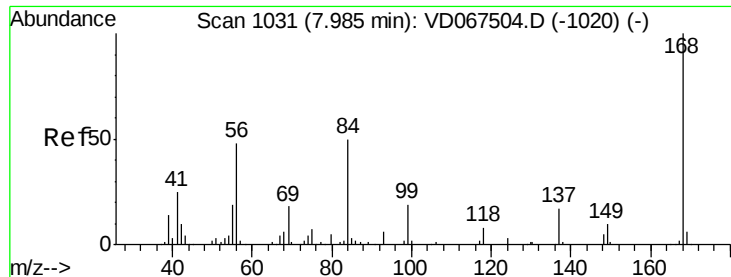
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067644.D

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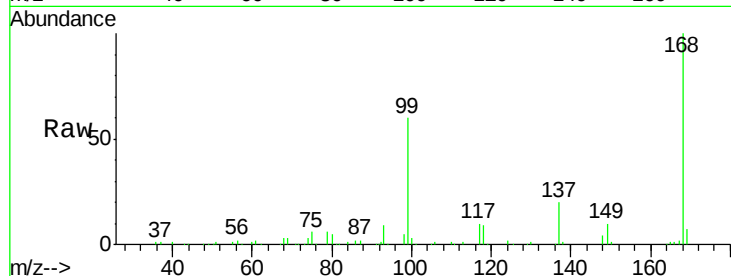
SS-7

Tot Ion:168 Resp: 253609

Ion Ratio Lower Upper

168 100

99 59.9 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

120000

100000

80000

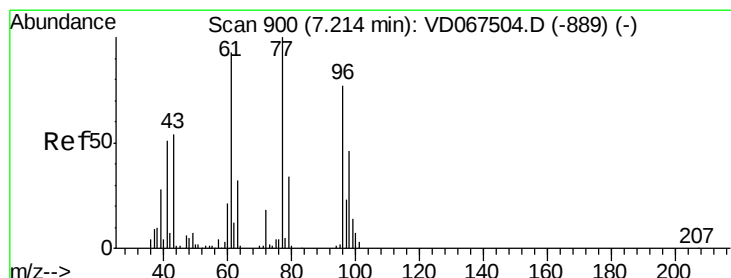
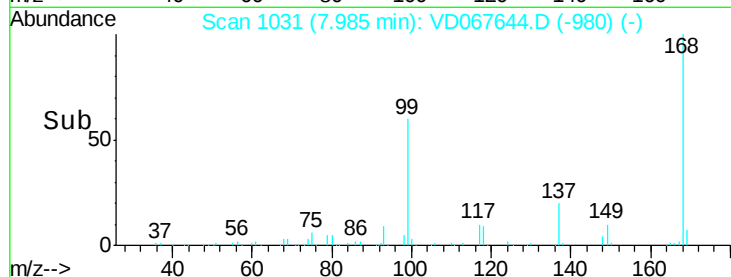
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 20.783 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067644.D

Acq: 16 Nov 2020 16:46

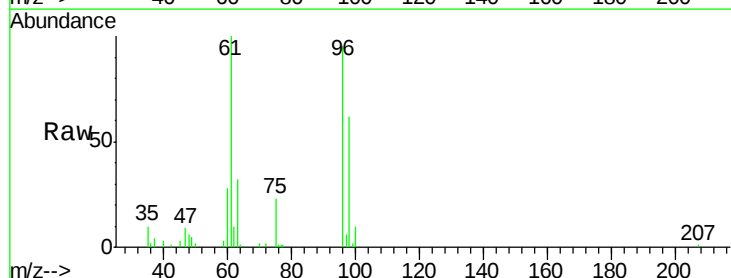
Tgt Ion: 96 Resp: 53184

Ion Ratio Lower Upper

96 100

61 108.2 0.0 251.6

98 65.4 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

25000

20000

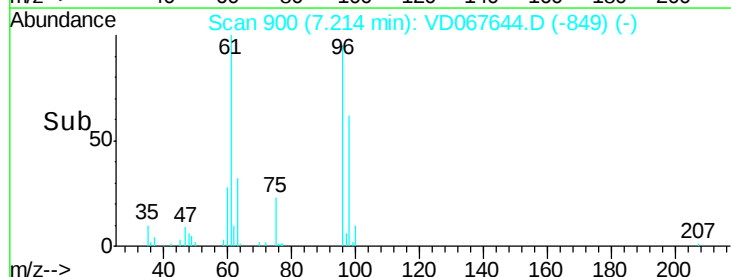
15000

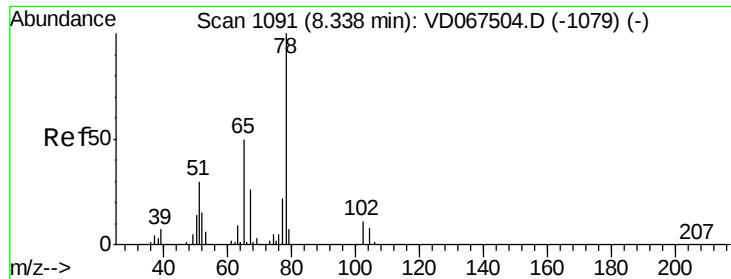
10000

5000

0

Time-->

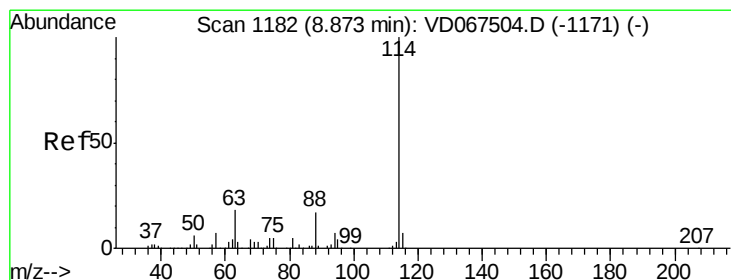
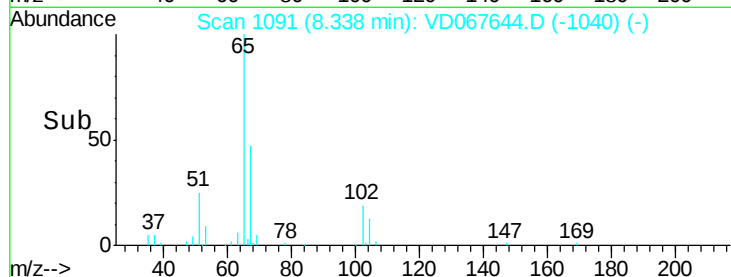
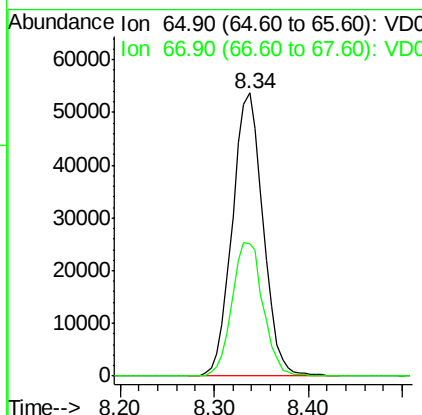
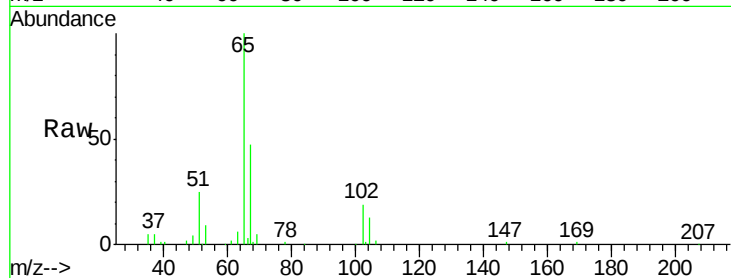




#33
 1,2-Dichloroethane-d4
 Concen: 55.083 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067644.D
 Acq: 16 Nov 2020 16:46

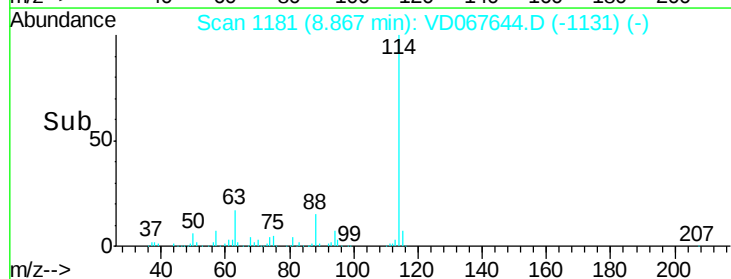
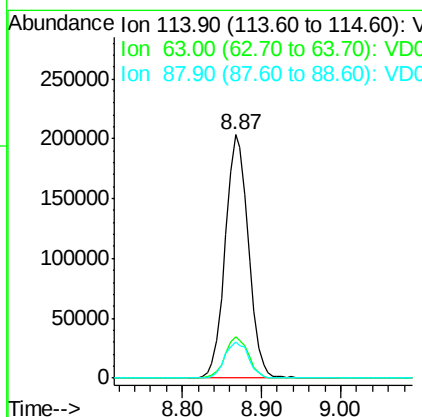
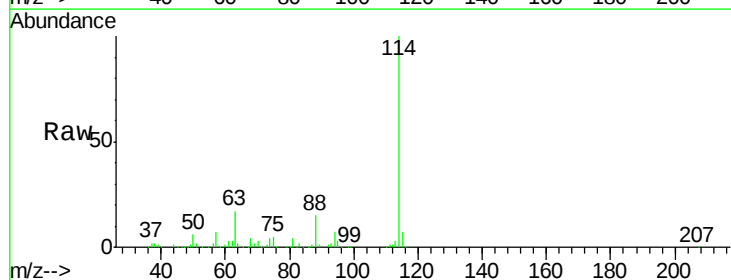
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-7

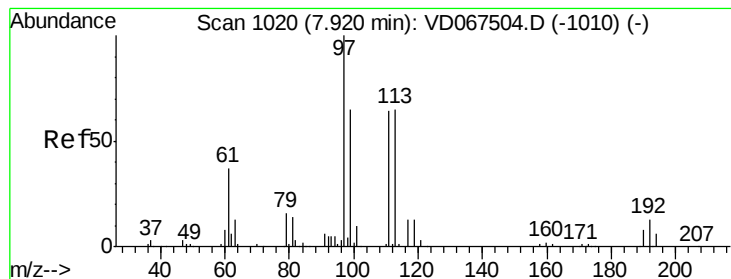
Tot Ion: 65 Resp: 122149
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067644.D
 Acq: 16 Nov 2020 16:46

Tgt Ion: 114 Resp: 410421
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.866 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067644.D

Acq: 16 Nov 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

SS-7

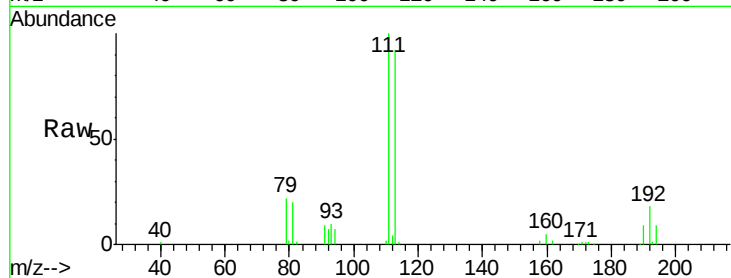
Tot Ion:113 Resp: 128253

Ion Ratio Lower Upper

113 100

111 104.0 80.0 120.0

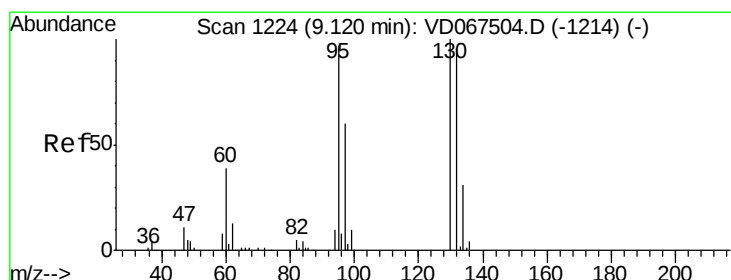
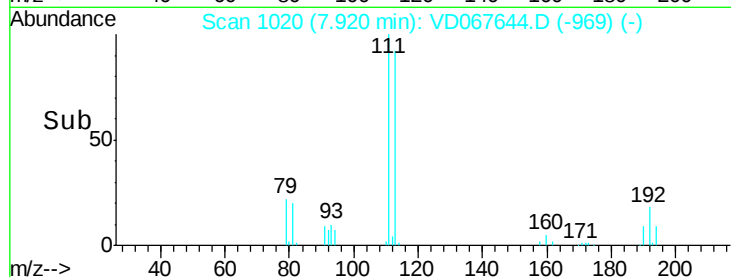
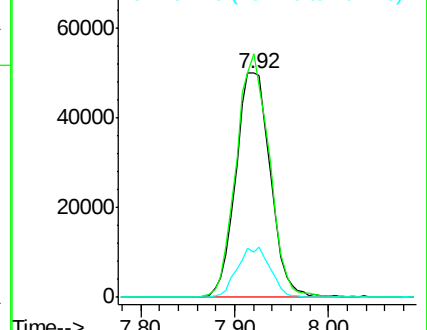
192 21.5 16.3 24.5



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: 41.694 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD067644.D

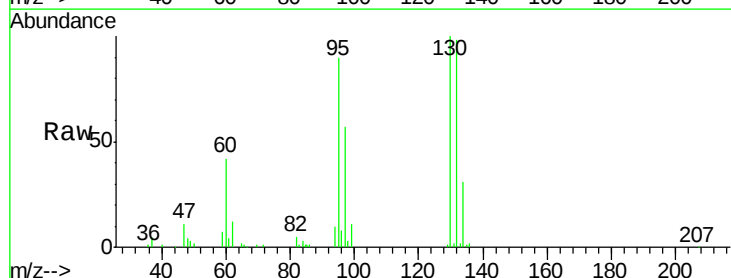
Acq: 16 Nov 2020 16:46

Tgt Ion:130 Resp: 130461

Ion Ratio Lower Upper

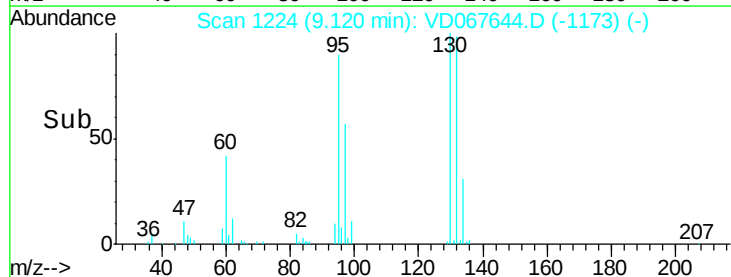
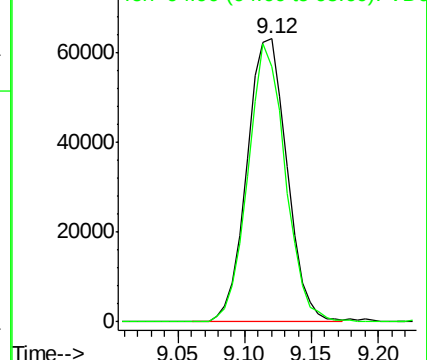
130 100

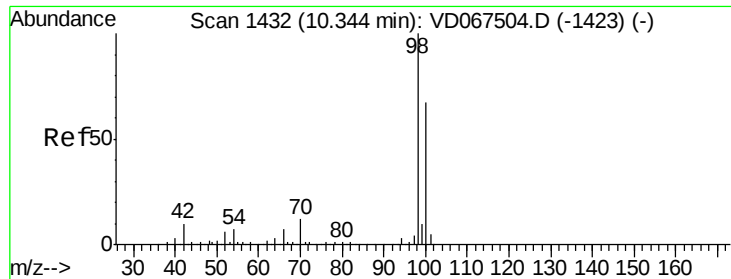
95 90.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

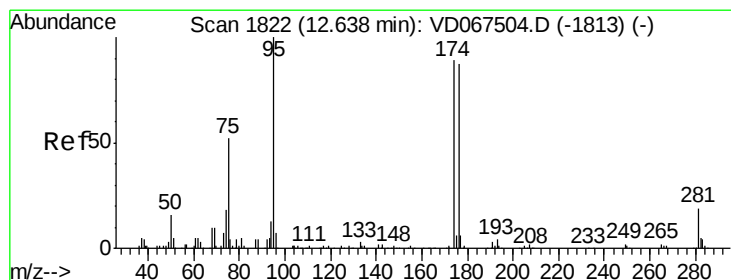
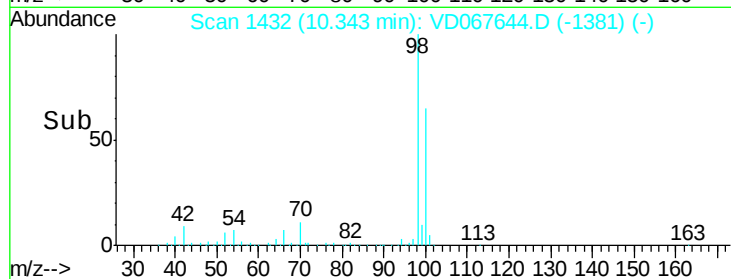
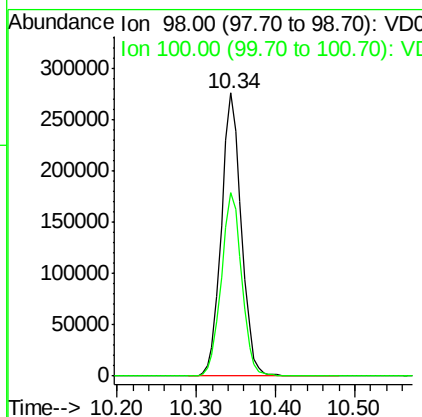
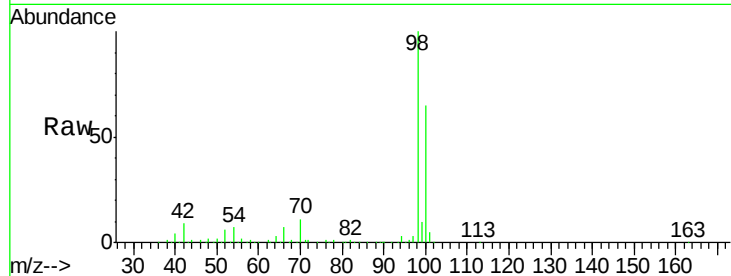




#50
Toluene-d8
Concen: 55.407 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067644.D
Acq: 16 Nov 2020 16:46

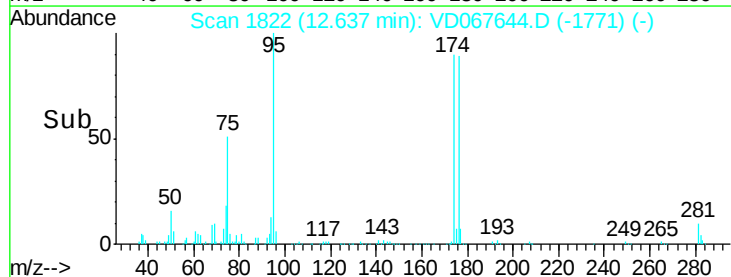
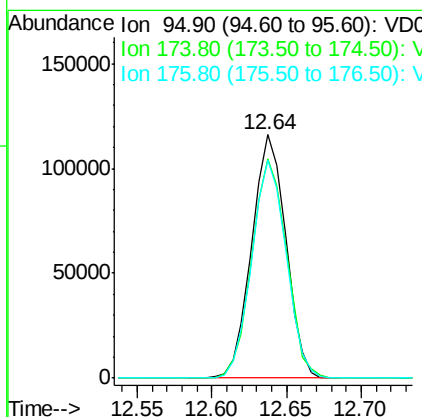
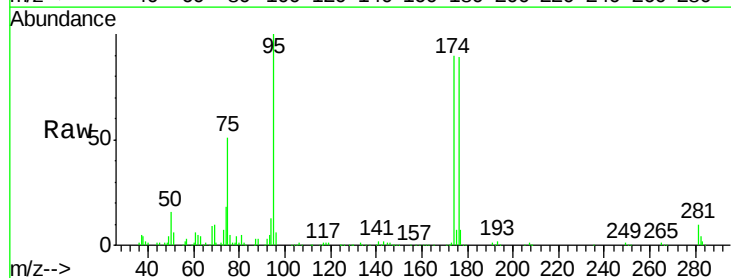
Instrument :
MSVOA_D
ClientSampleId :
SS-7

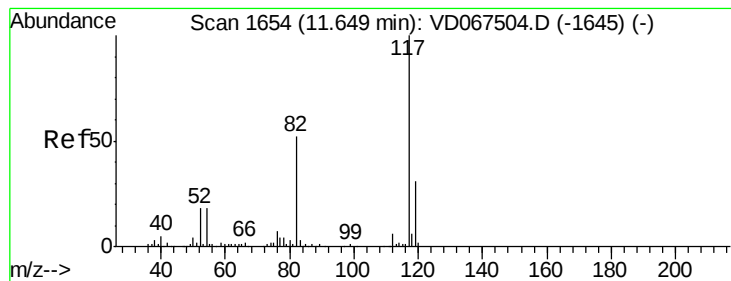
Tot Ion: 98 Resp: 481485
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 61.094 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067644.D
Acq: 16 Nov 2020 16:46

Tgt Ion: 95 Resp: 183292
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.8
176 90.0 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: VD067644.D

Acq: 16 Nov 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

SS-7

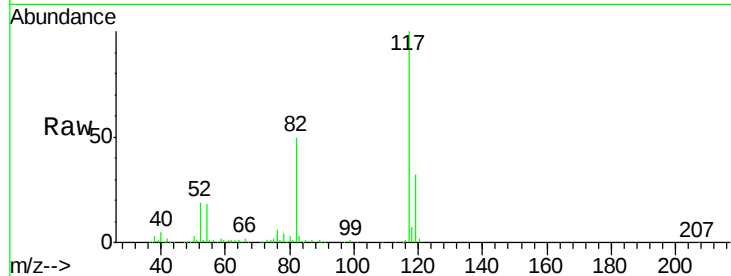
Tot Ion:117 Resp: 428247

Ion Ratio Lower Upper

117 100

82 49.8 41.6 62.4

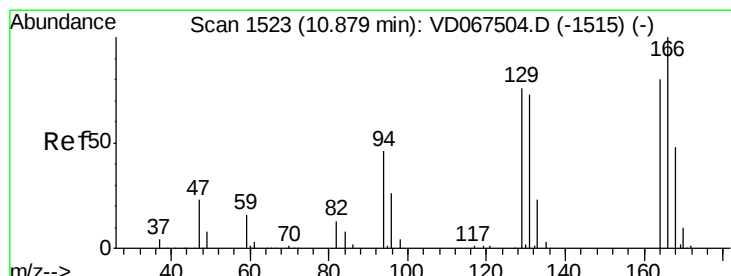
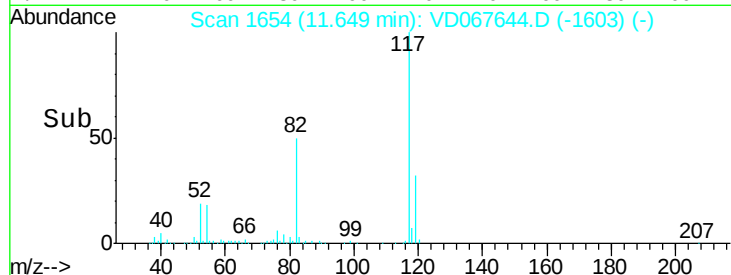
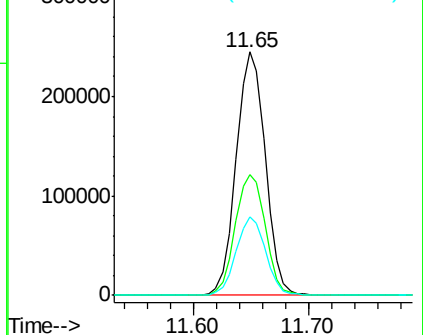
119 32.0 25.1 37.7



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: 145.675 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD067644.D

Acq: 16 Nov 2020 16:46

Tgt Ion:164 Resp: 462017

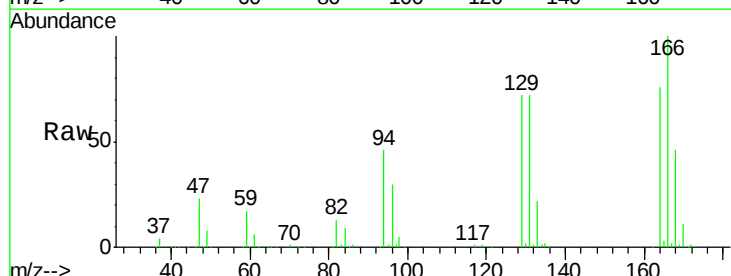
Ion Ratio Lower Upper

164 100

166 130.8 99.9 149.9

129 93.9 75.5 113.3

131 93.9 73.4 110.0

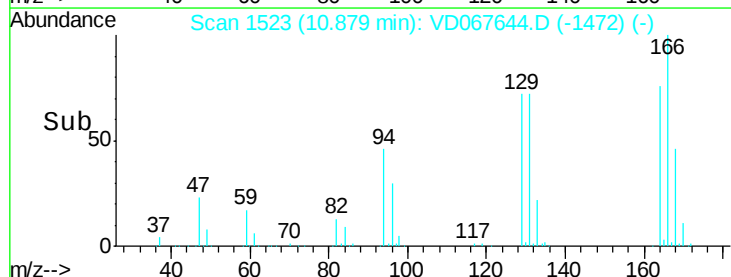
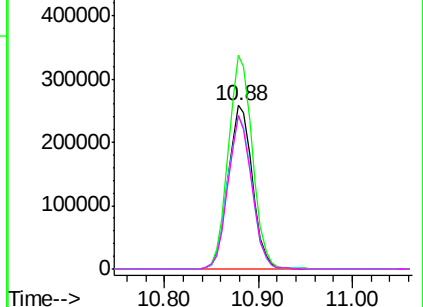


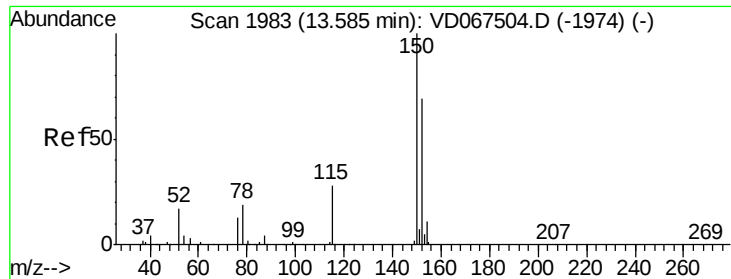
Abundance Ion 163.80 (163.50 to 164.50): V

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: VD067644.D

Acq: 16 Nov 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

SS-7

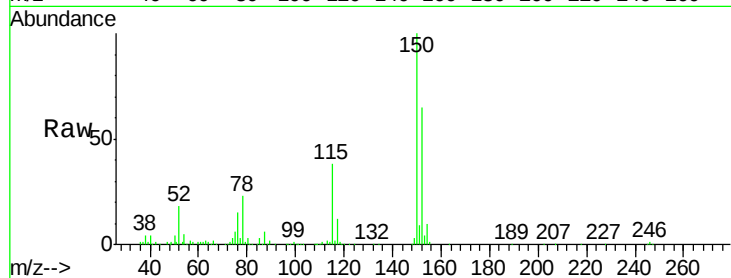
Tot Ion:152 Resp: 217331

Ion Ratio Lower Upper

152 100

115 57.7 29.3 88.0

150 157.7 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

