

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067642.D
 Acq On : 16 Nov 2020 15:51
 Operator : VA/SY
 Sample : L4687-06
 Misc : 6.03G/5.01ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-5

Quant Time: Nov 17 01:37:52 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

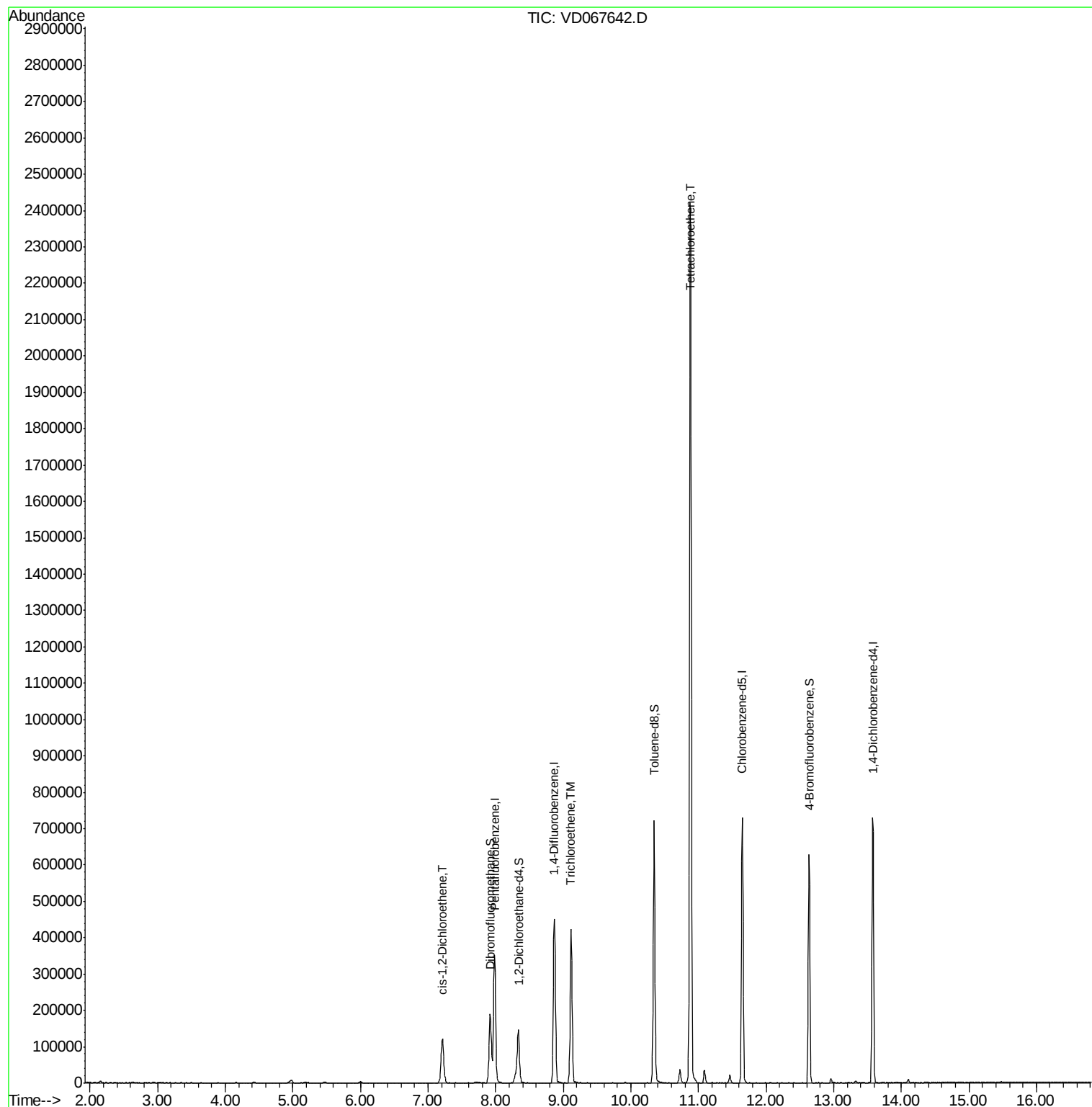
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	267460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	420985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	436616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	122594	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
35) Dibromofluoromethane	7.92	113	134736	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	10.34	98	494802	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
62) 4-Bromofluorobenzene	12.64	95	185102	60.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.30%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.21	96	73547	27.252	ug/l	89
44) Trichloroethene	9.11	130	163937	51.078	ug/l	100
64) Tetrachloroethene	10.88	164	577734	178.669	ug/l	97

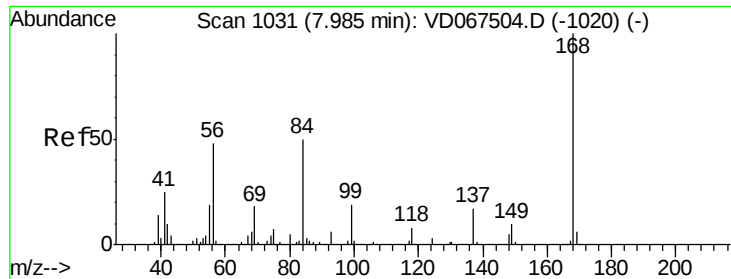
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067642.D

Acq: 16 Nov 2020 15:51

Instrument :

MSVOA_D

ClientSampled :

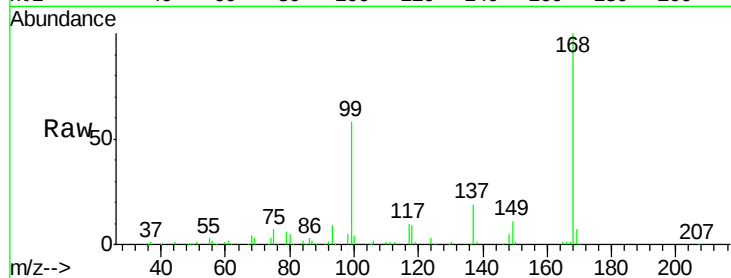
SS-5

Tot Ion:168 Resp: 267460

Ion Ratio Lower Upper

168 100

99 57.6 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

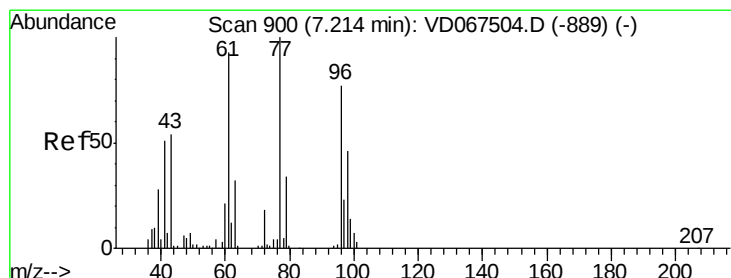
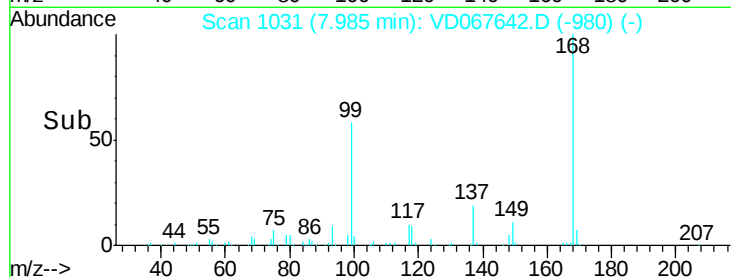
100000

50000

0

Time-->

7.90 8.00 8.10



#27

cis-1,2-Dichloroethene

Concen: 27.252 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067642.D

Acq: 16 Nov 2020 15:51

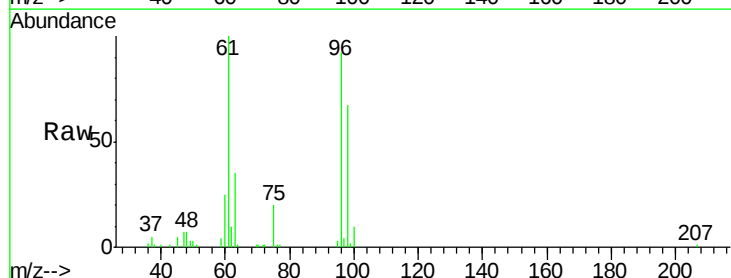
Tgt Ion: 96 Resp: 73547

Ion Ratio Lower Upper

96 100

61 108.7 0.0 251.6

98 67.1 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

40000

30000

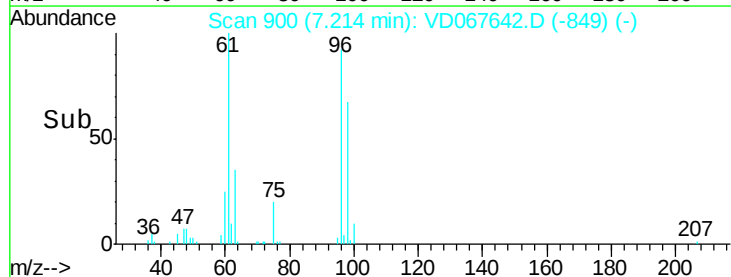
20000

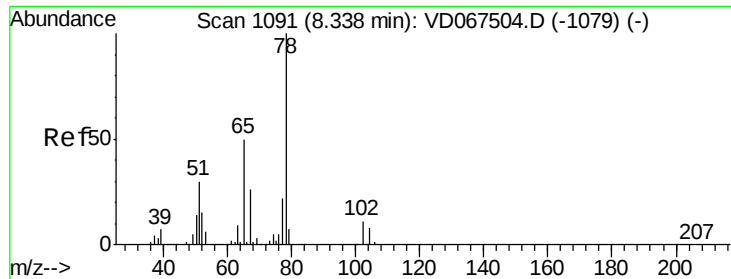
10000

0

Time-->

7.10 7.20 7.30

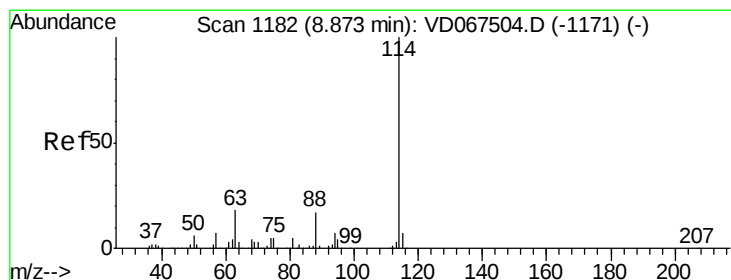
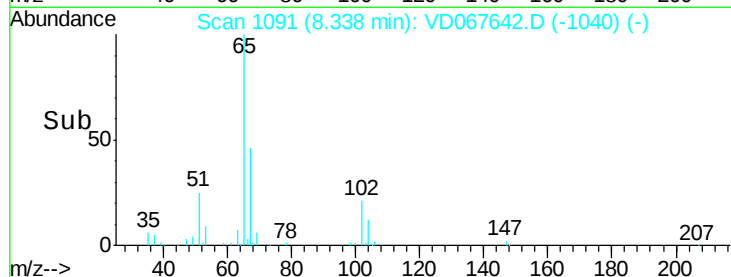
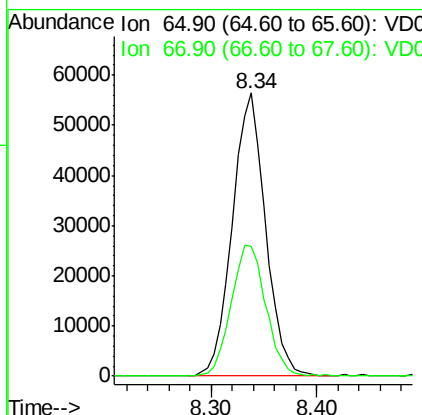
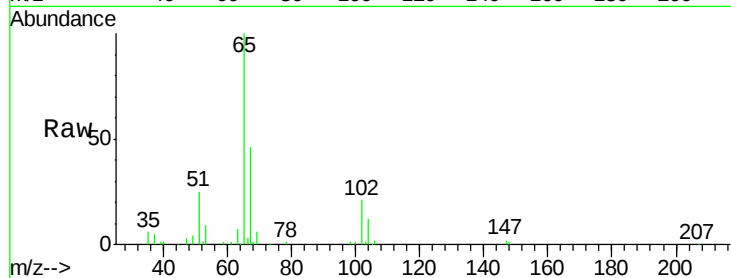




#33
 1,2-Dichloroethane-d4
 Concen: 52.421 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067642.D
 Acq: 16 Nov 2020 15:51

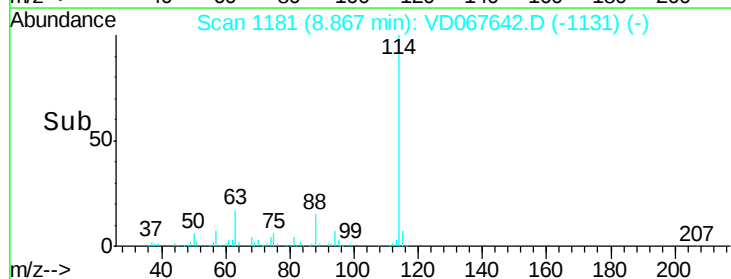
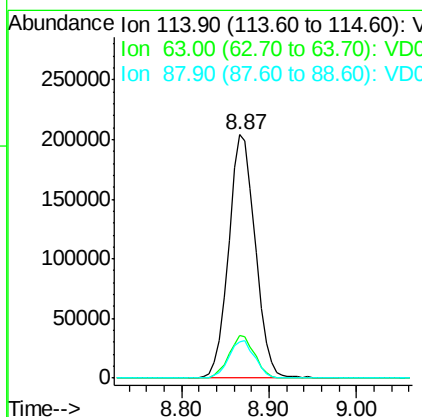
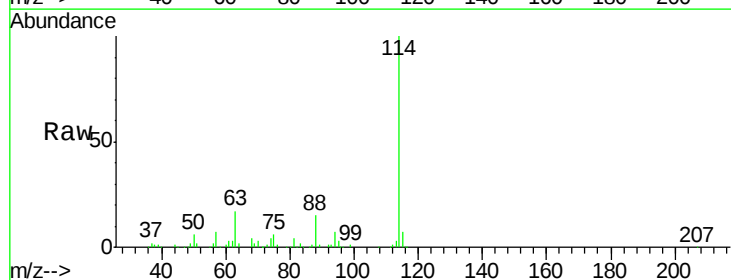
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-5

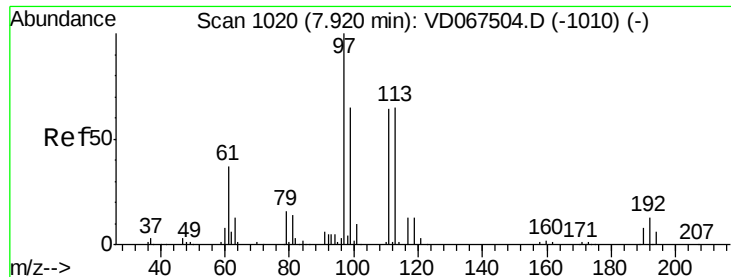
Tot Ion: 65 Resp: 122594
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067642.D
 Acq: 16 Nov 2020 15:51

Tgt Ion: 114 Resp: 420985
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 14.9 0.0 33.0

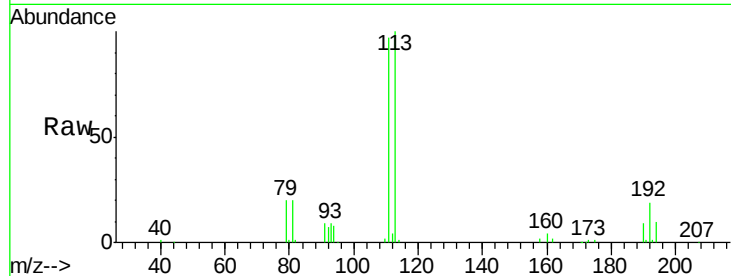




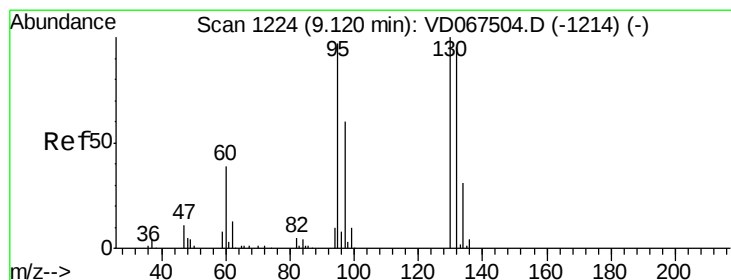
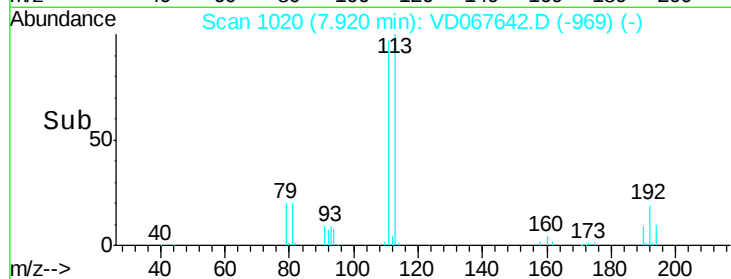
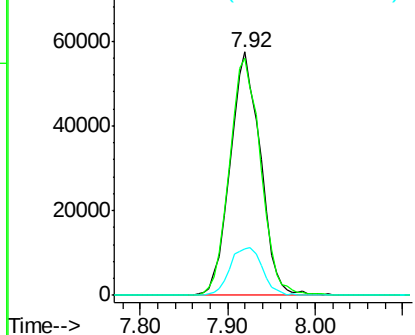
#35
Dibromofluoromethane
Concen: 53.120 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067642.D
Acq: 16 Nov 2020 15:51

Instrument :
MSVOA_D
ClientSampled :
SS-5

Tot Ion:113 Resp: 134736
Ion Ratio Lower Upper
113 100
111 100.8 80.0 120.0
192 21.1 16.3 24.5

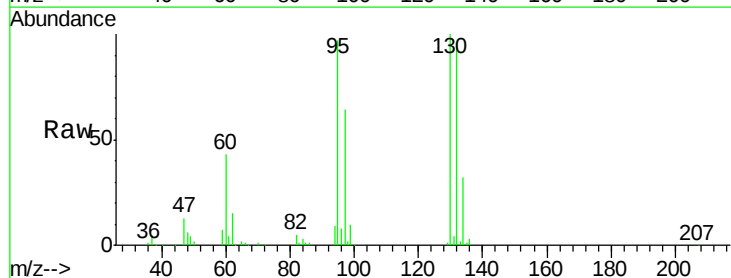


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

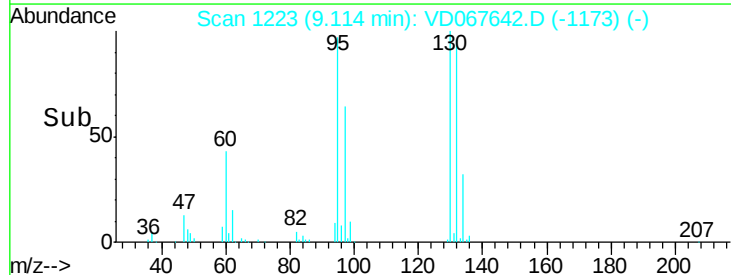
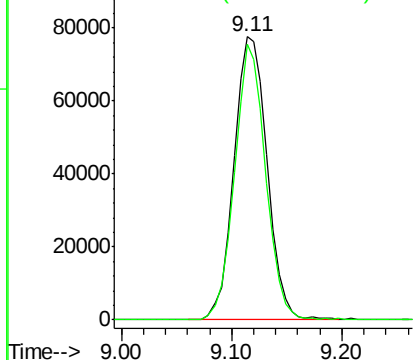


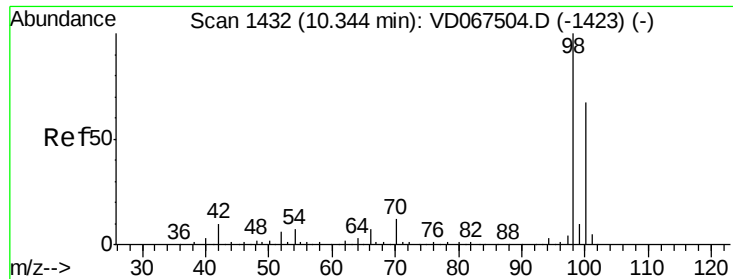
#44
Trichloroethene
Concen: 51.078 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067642.D
Acq: 16 Nov 2020 15:51

Tgt Ion:130 Resp: 163937
Ion Ratio Lower Upper
130 100
95 97.5 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: 55.511 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067642.D

Acq: 16 Nov 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

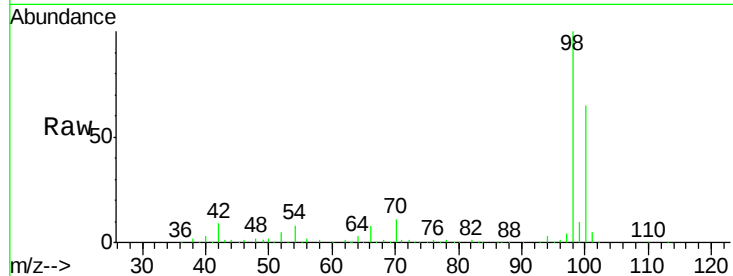
SS-5

Tot Ion: 98 Resp: 494802

Ion Ratio Lower Upper

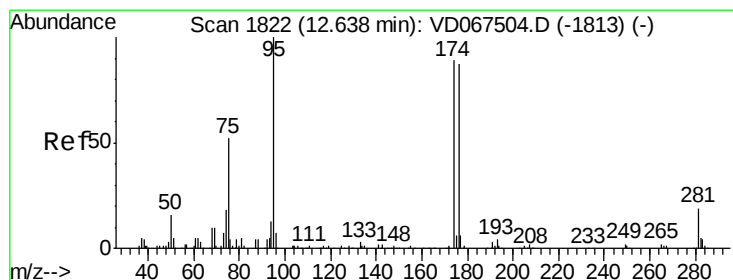
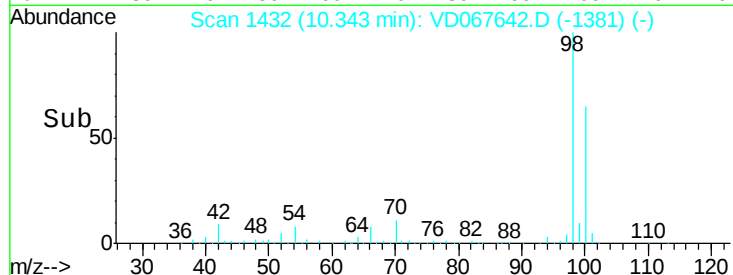
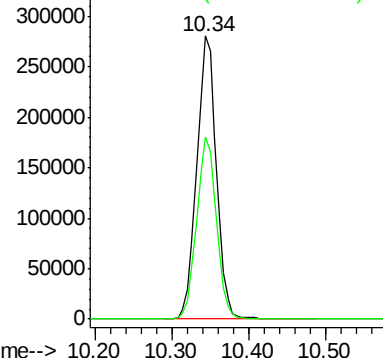
98 100

100 65.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 60.149 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067642.D

Acq: 16 Nov 2020 15:51

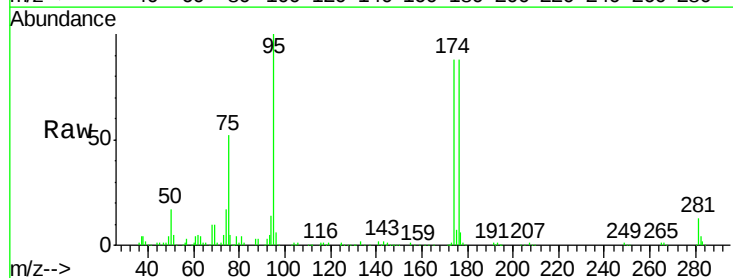
Tgt Ion: 95 Resp: 185102

Ion Ratio Lower Upper

95 100

174 89.0 0.0 177.8

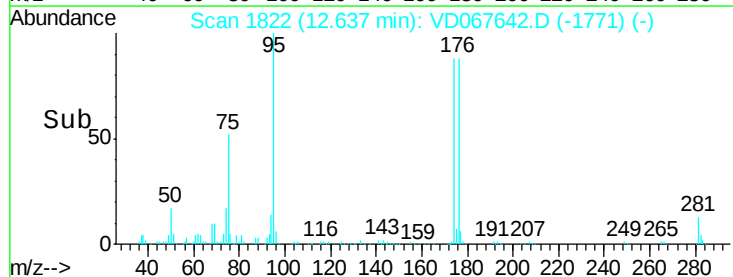
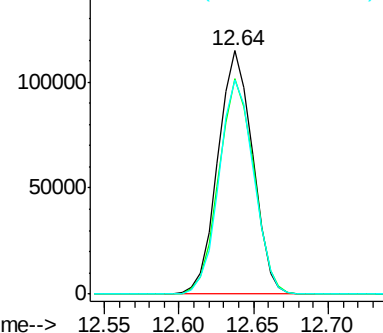
176 87.4 0.0 172.0

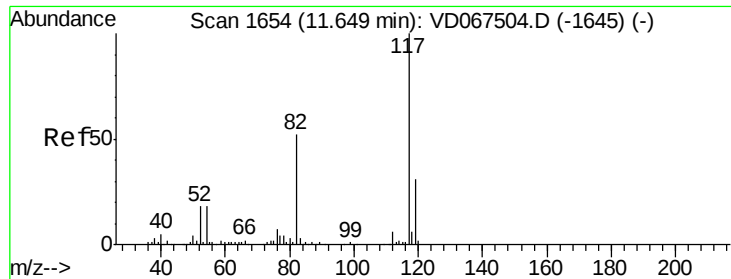


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

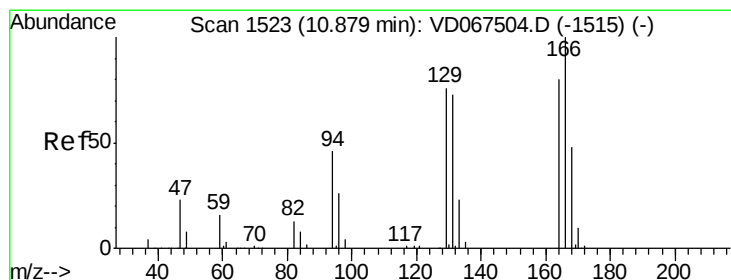
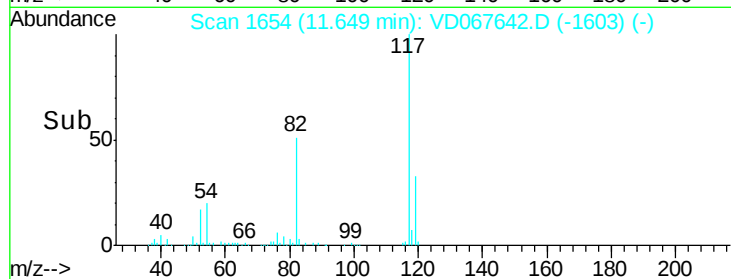
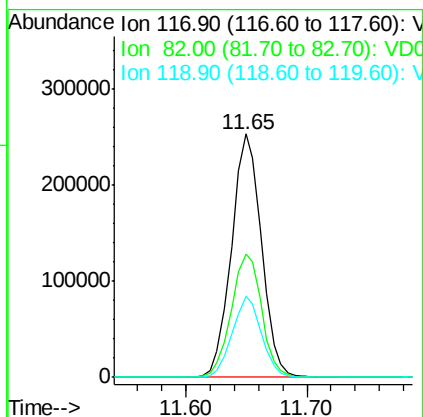
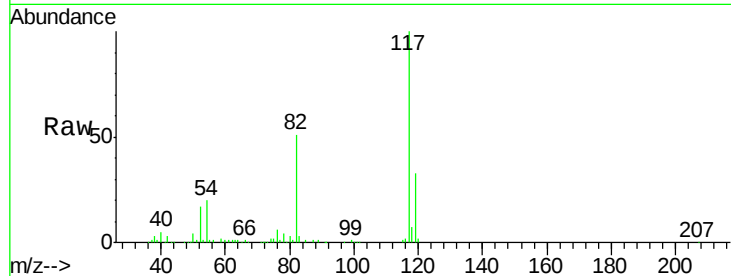




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067642.D
Acq: 16 Nov 2020 15:51

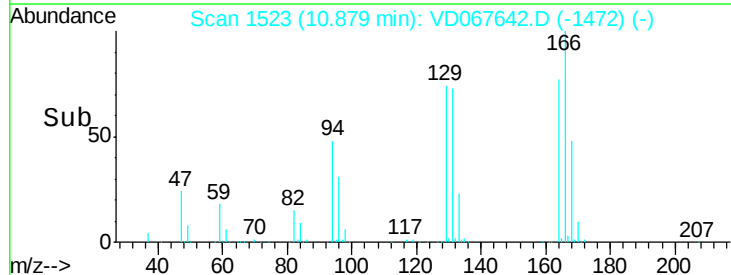
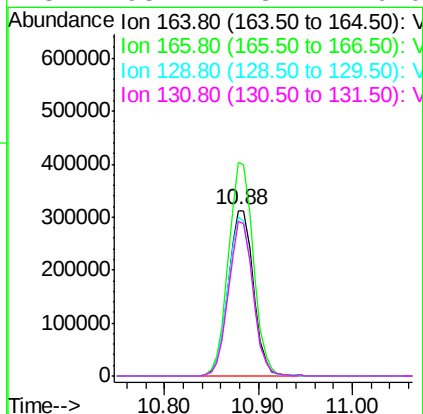
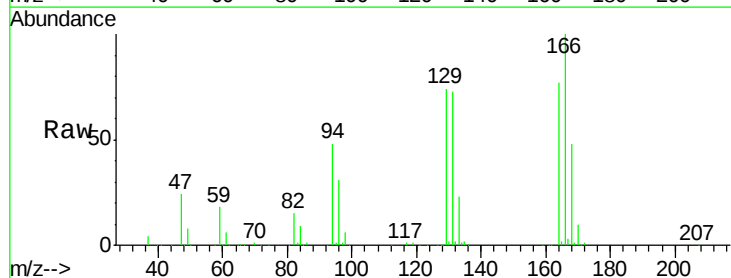
Instrument :
MSVOA_D
ClientSampleId :
SS-5

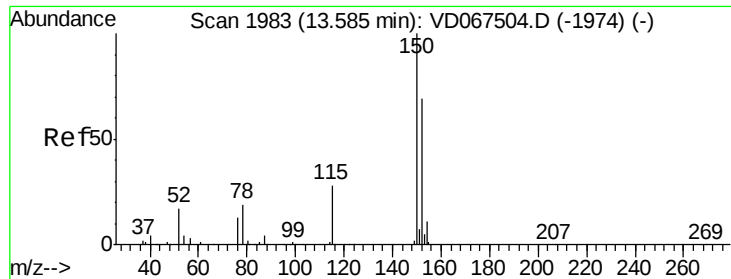
Tot Ion:117 Resp: 436616
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 33.2 25.1 37.7



#64
Tetrachloroethene
Concen: 178.669 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067642.D
Acq: 16 Nov 2020 15:51

Tgt Ion:164 Resp: 577734
Ion Ratio Lower Upper
164 100
166 129.0 99.9 149.9
129 95.8 75.5 113.3
131 93.7 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: VD067642.D

Acq: 16 Nov 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

SS-5

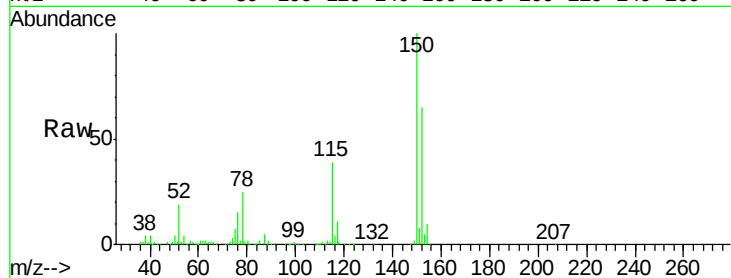
Tot Ion:152 Resp: 209188

Ion Ratio Lower Upper

152 100

115 58.6 29.3 88.0

150 155.6 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

