

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067643.D
 Acq On : 16 Nov 2020 16:18
 Operator : VA/SY
 Sample : L4687-07
 Misc : 5.60G/5.01ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-6

Quant Time: Nov 17 01:39:12 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

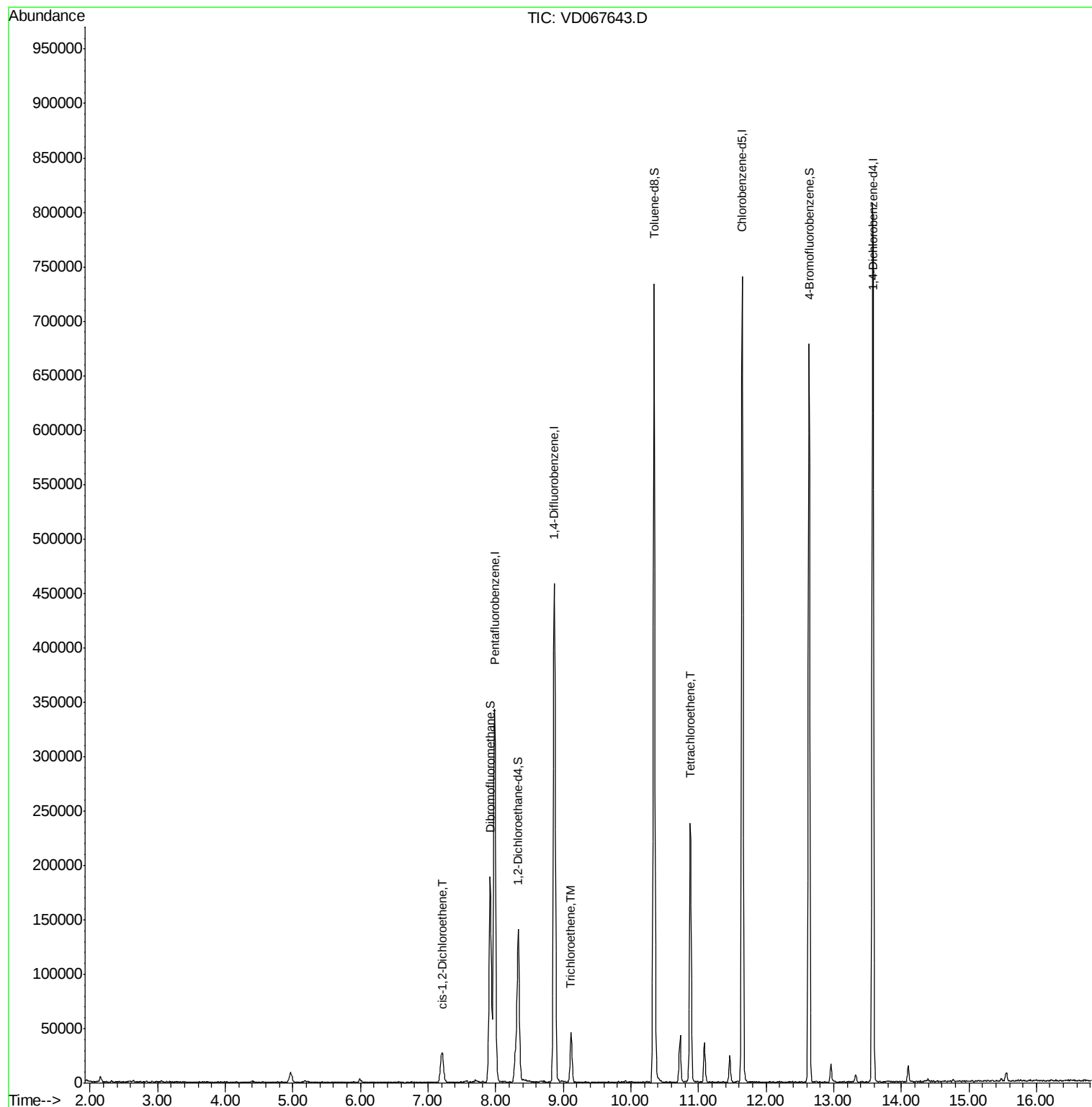
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	265599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	424565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	445193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	225567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	119931	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	7.92	113	131838	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.34	98	506693	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
62) 4-Bromofluorobenzene	12.64	95	195802	63.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.18%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.22	96	10840	4.045	ug/l	91
44) Trichloroethene	9.11	130	17466	5.396	ug/l	96
64) Tetrachloroethene	10.88	164	57179	17.342	ug/l	98

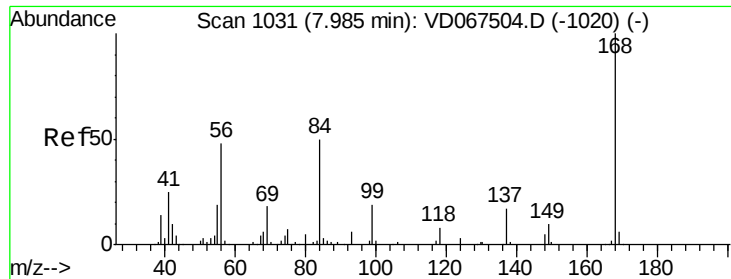
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067643.D

Acq: 16 Nov 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

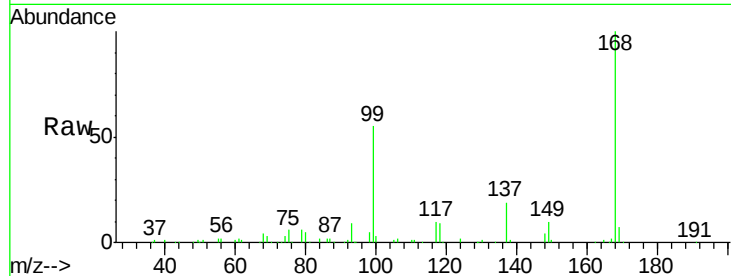
SS-6

Tot Ion:168 Resp: 265599

Ion Ratio Lower Upper

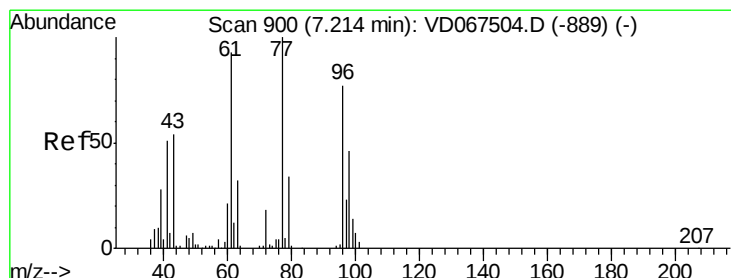
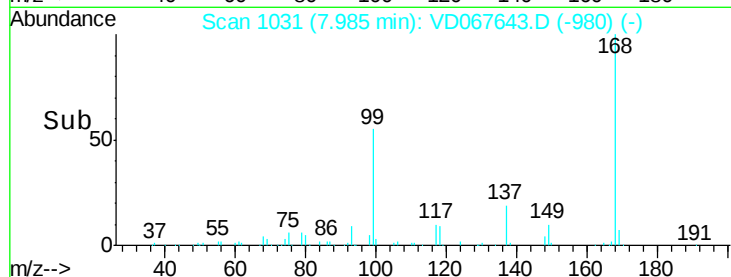
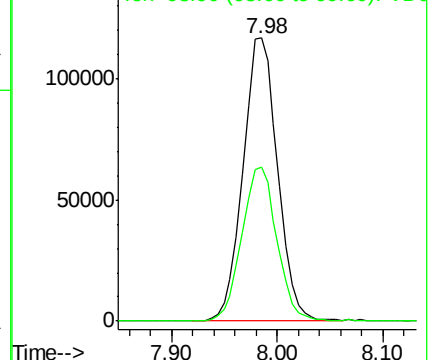
168 100

99 54.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#27

cis-1,2-Dichloroethene

Concen: 4.045 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067643.D

Acq: 16 Nov 2020 16:18

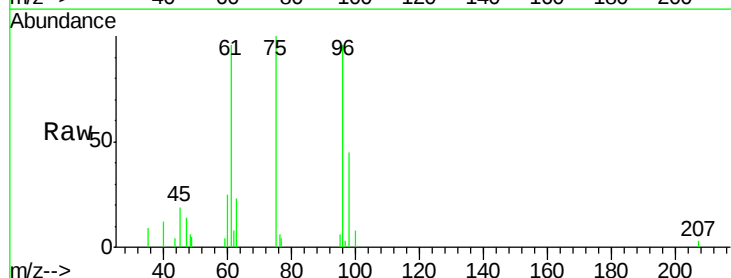
Tgt Ion: 96 Resp: 10840

Ion Ratio Lower Upper

96 100

61 113.6 0.0 251.6

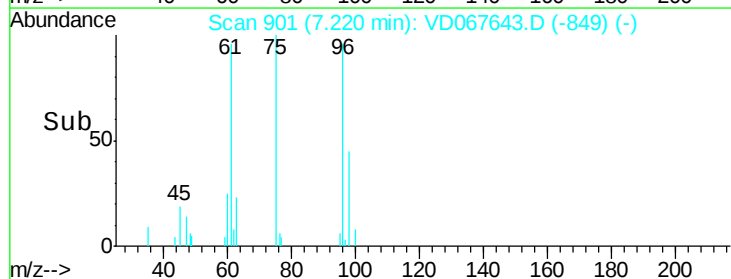
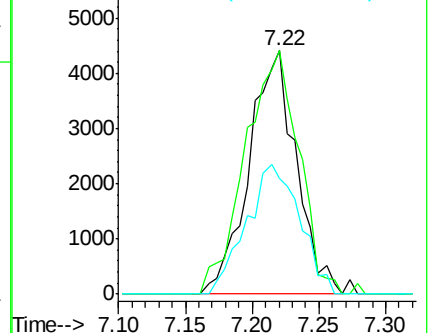
98 60.0 0.0 128.0

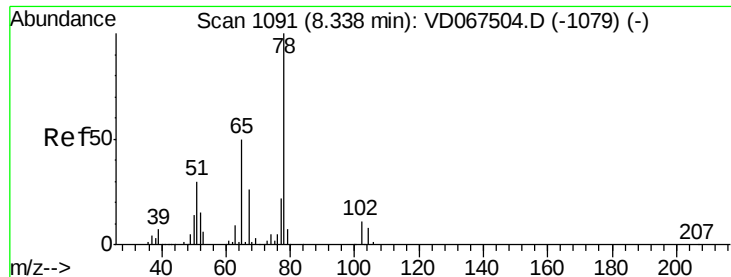


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

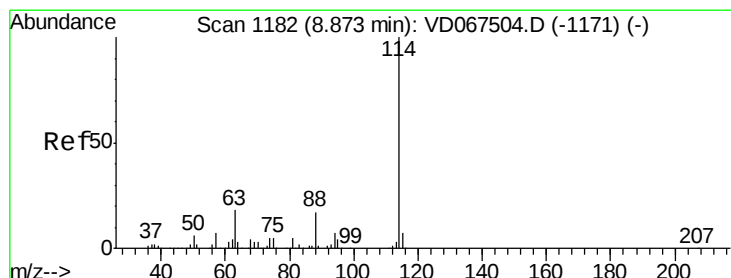
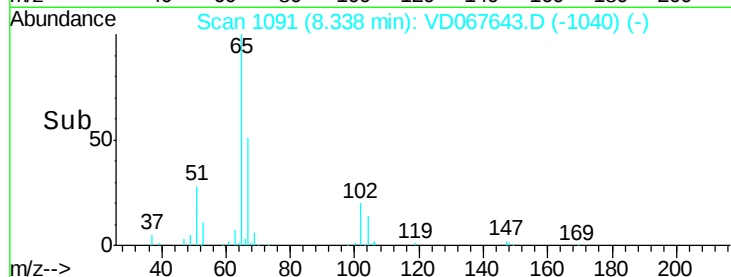
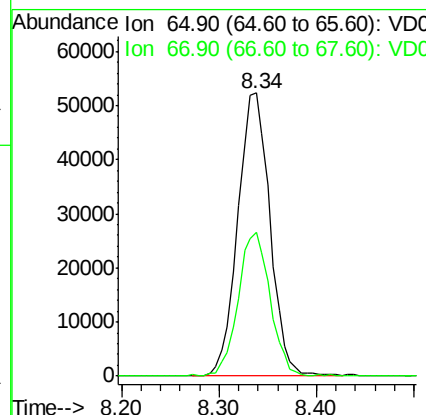
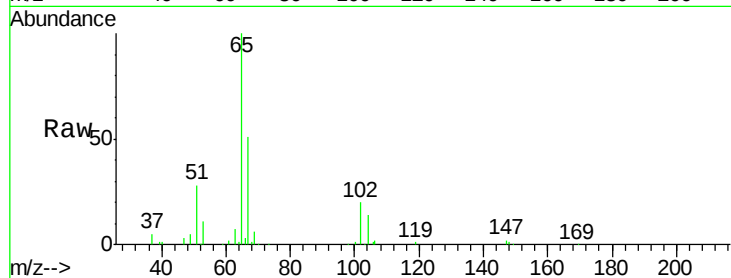




#33
 1,2-Dichloroethane-d4
 Concen: 51.642 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067643.D
 Acq: 16 Nov 2020 16:18

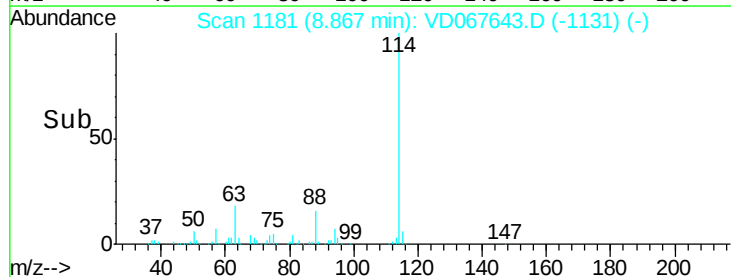
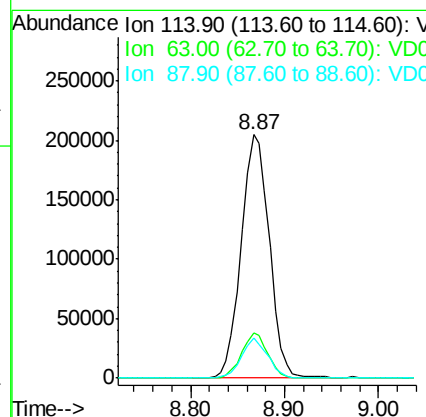
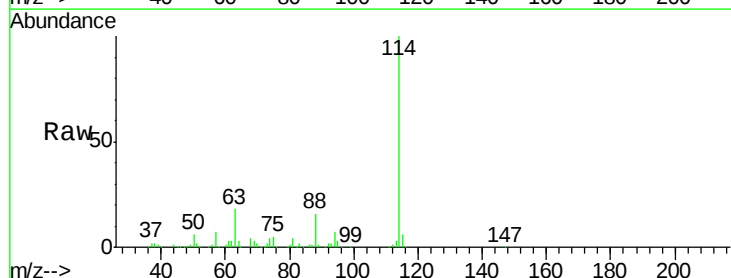
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-6

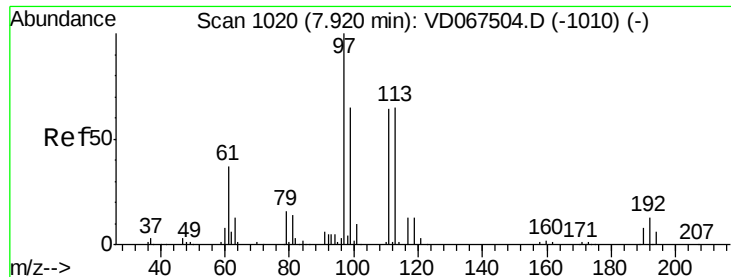
Tot Ion: 65 Resp: 119931
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067643.D
 Acq: 16 Nov 2020 16:18

Tgt Ion: 114 Resp: 424565
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.0
 88 16.4 0.0 33.0

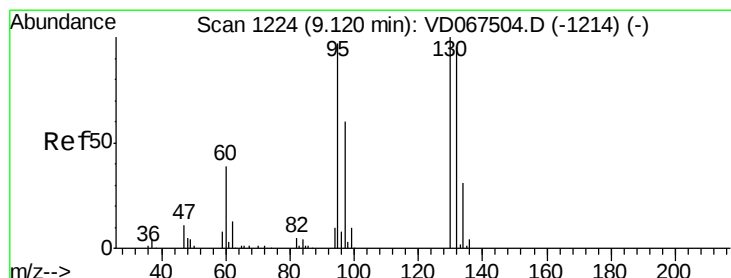
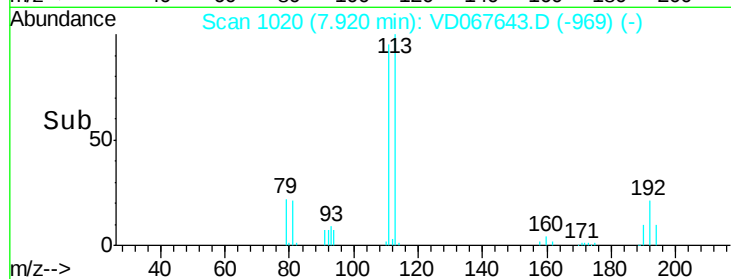
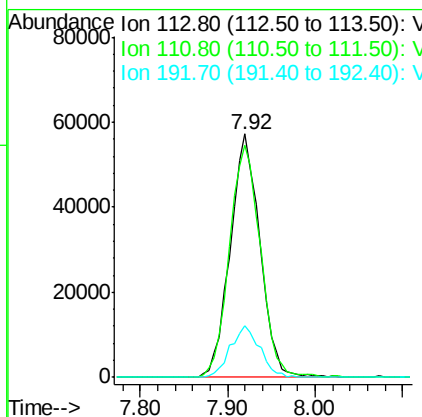
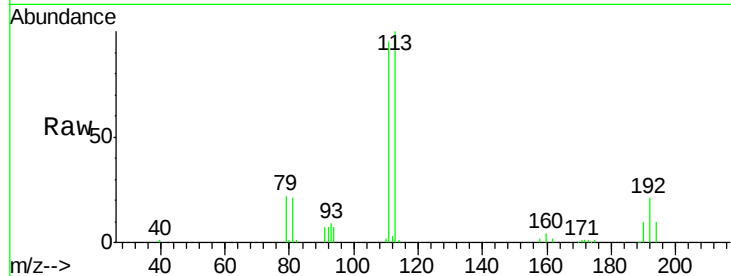




#35
 Dibromofluoromethane
 Concen: 51.540 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067643.D
 Acq: 16 Nov 2020 16:18

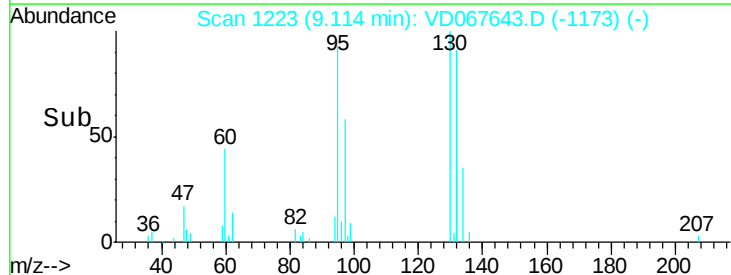
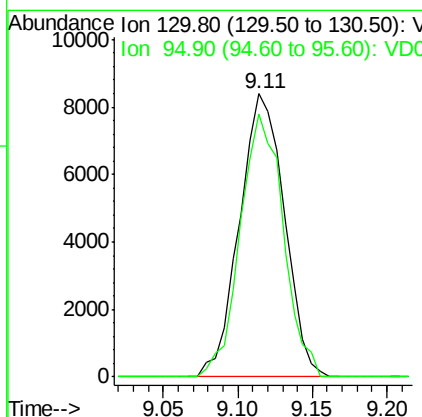
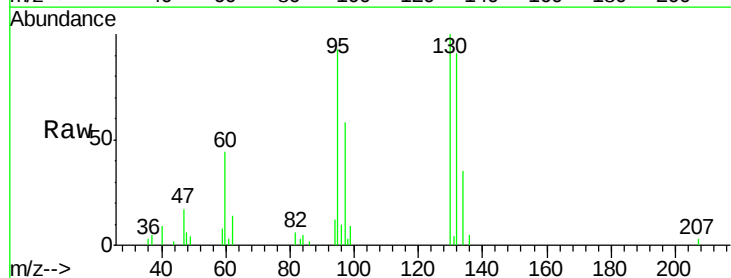
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-6

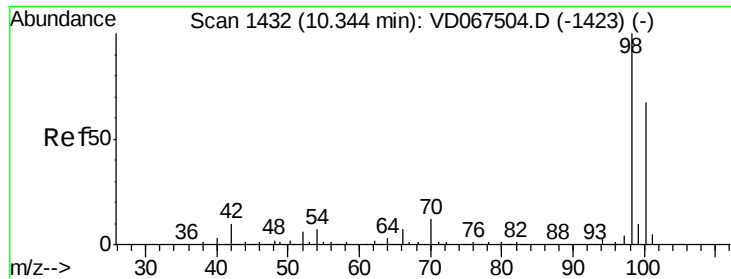
Tot Ion:113 Resp: 131838
 Ion Ratio Lower Upper
 113 100
 111 99.3 80.0 120.0
 192 21.1 16.3 24.5



#44
 Trichloroethene
 Concen: 5.396 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: VD067643.D
 Acq: 16 Nov 2020 16:18

Tgt Ion:130 Resp: 17466
 Ion Ratio Lower Upper
 130 100
 95 93.1 0.0 194.4





#50

Toluene-d8

Concen: 56.366 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067643.D

Acq: 16 Nov 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

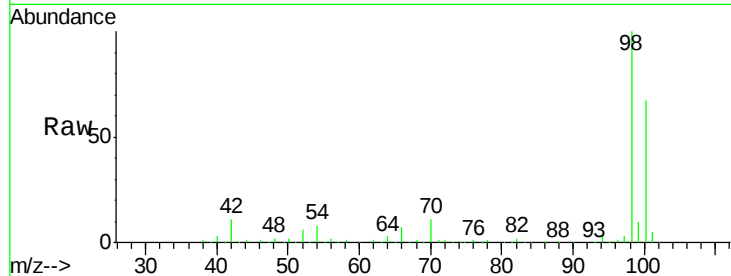
SS-6

Tot Ion: 98 Resp: 506693

Ion Ratio Lower Upper

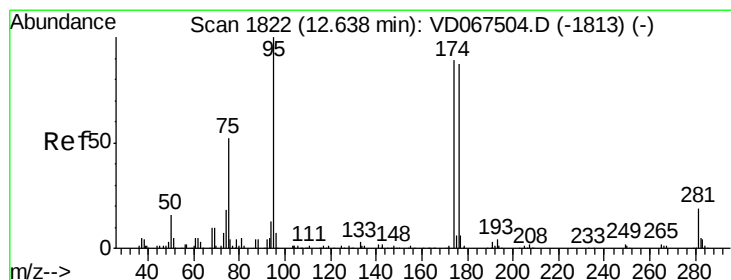
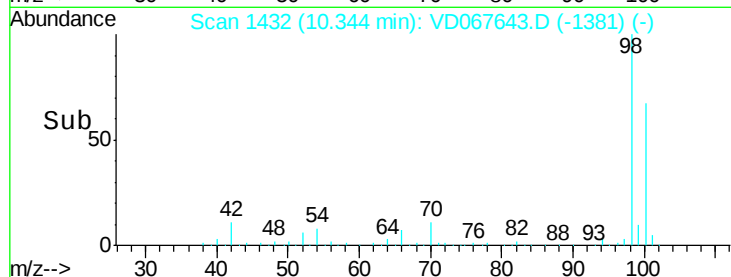
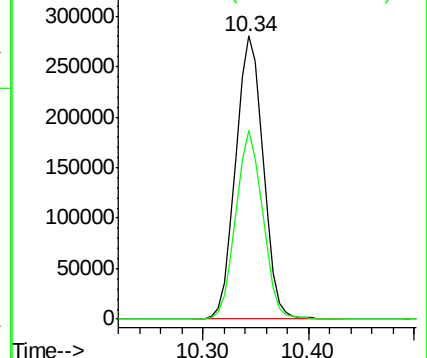
98 100

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: 63.090 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067643.D

Acq: 16 Nov 2020 16:18

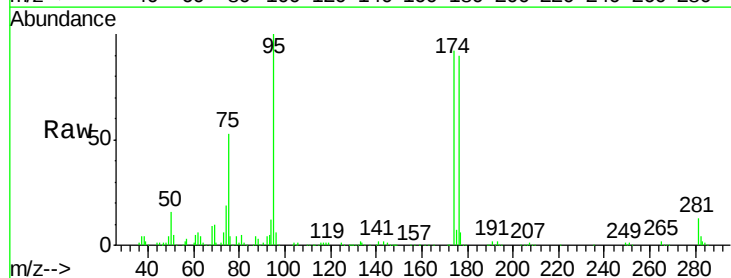
Tgt Ion: 95 Resp: 195802

Ion Ratio Lower Upper

95 100

174 89.5 0.0 177.8

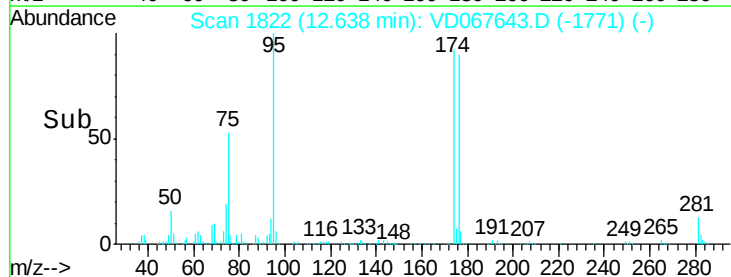
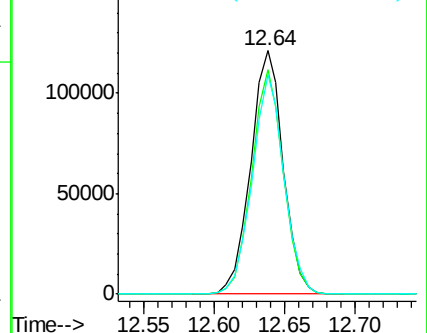
176 88.1 0.0 172.0

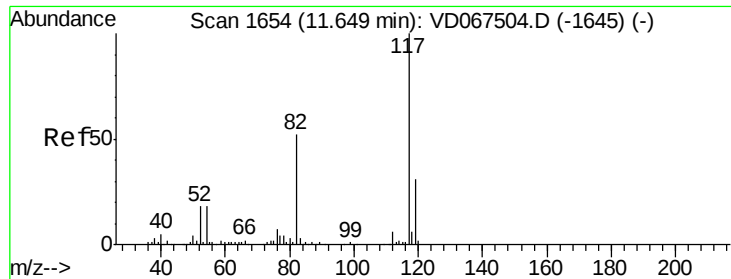


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

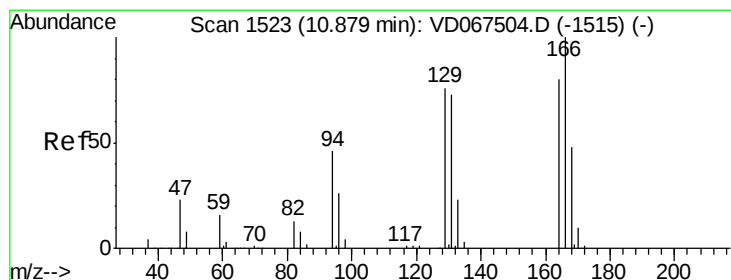
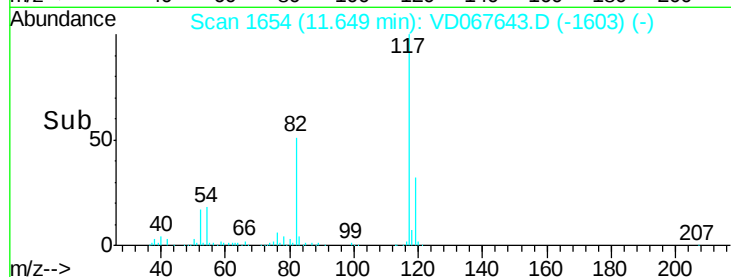
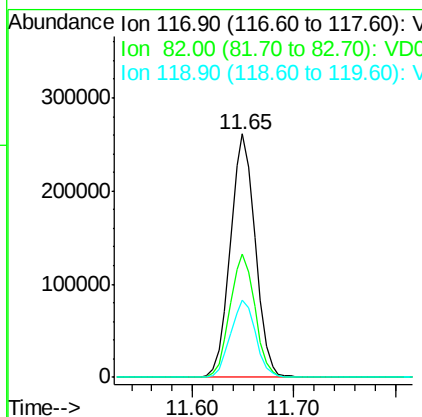
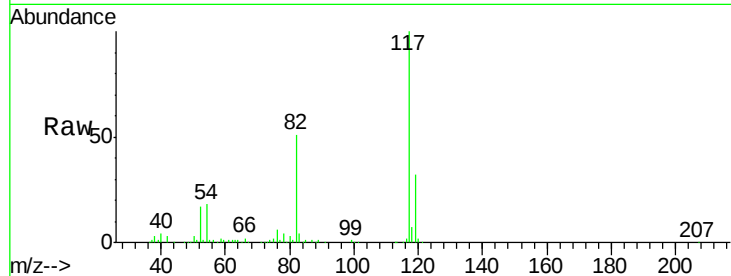




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067643.D
Acq: 16 Nov 2020 16:18

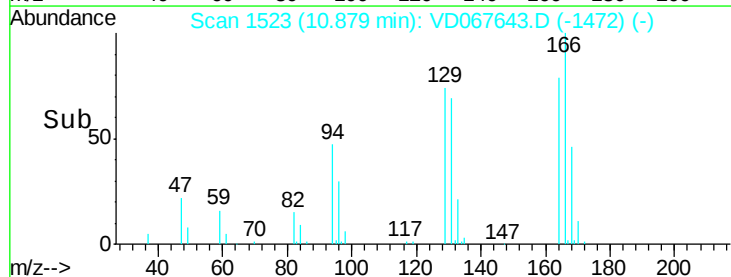
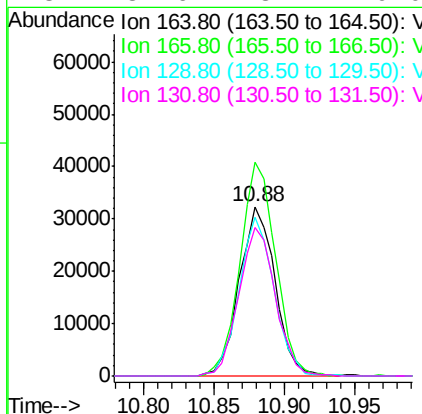
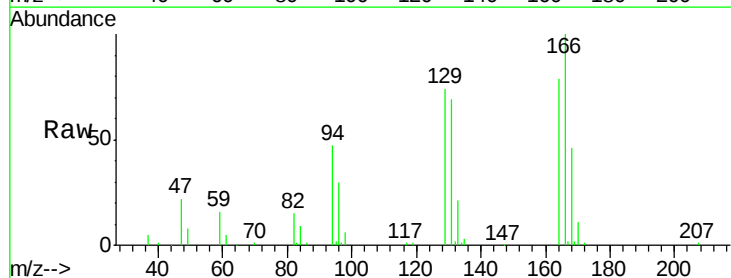
Instrument :
MSVOA_D
ClientSampleId :
SS-6

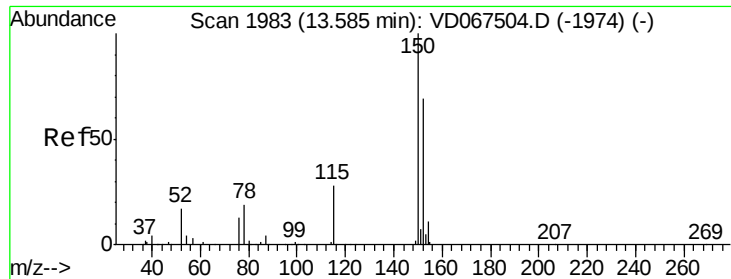
Tot Ion:117 Resp: 445193
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 17.342 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067643.D
Acq: 16 Nov 2020 16:18

Tgt Ion:164 Resp: 57179
Ion Ratio Lower Upper
164 100
166 126.4 99.9 149.9
129 94.0 75.5 113.3
131 87.6 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: VD067643.D

Acq: 16 Nov 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

SS-6

Tot Ion:152 Resp: 225567

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

150 160.0 0.0 338.2

