

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067138.D
 Acq On : 07 Oct 2020 06:26
 Operator : VA/SY
 Sample : L4273-11
 Misc : 4.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6

Quant Time: Oct 07 06:47:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

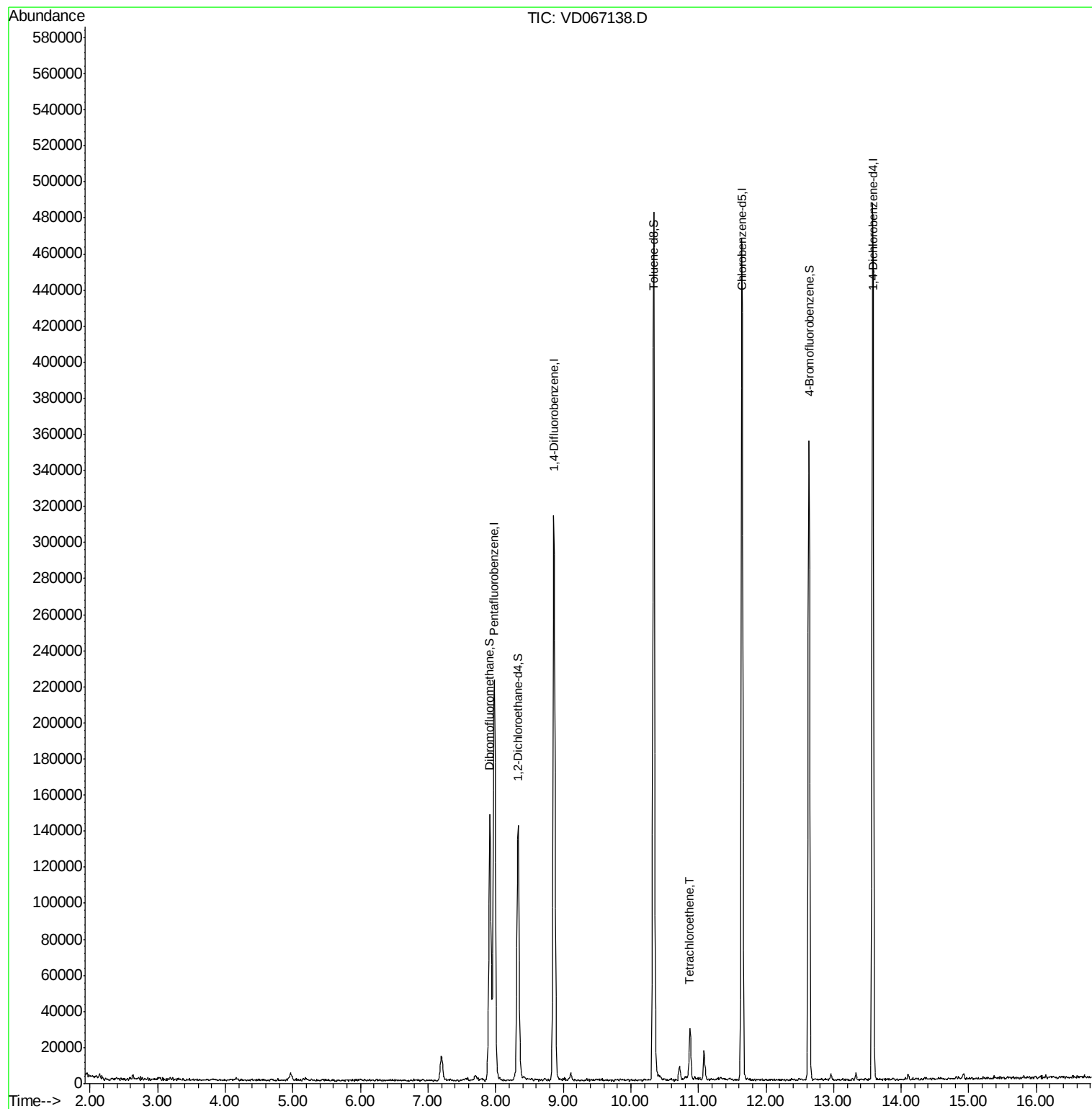
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	171437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	275497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	277933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	116154	70.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.68%	
35) Dibromofluoromethane	7.91	113	104812	58.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.22%	
50) Toluene-d8	10.34	98	335838	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.64	95	117257	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
Target Compounds						
64) Tetrachloroethene	10.87	164	7142	3.535	ug/l #	Qvalue 77

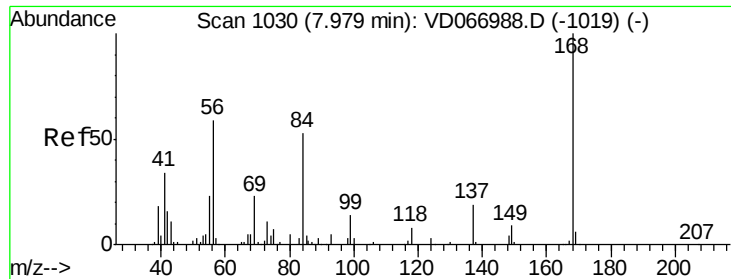
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067138.D

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Instrument :

MSVOA_D

ClientSampled :

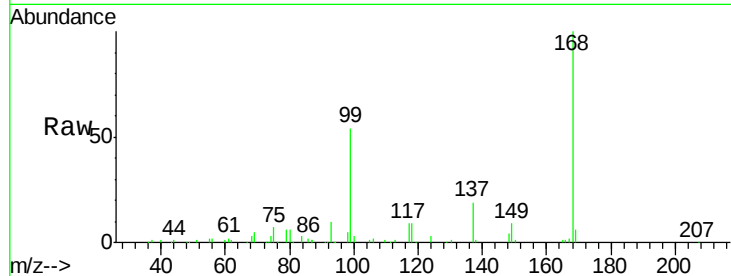
SB-6

Tot Ion:168 Resp: 171437

Ion Ratio Lower Upper

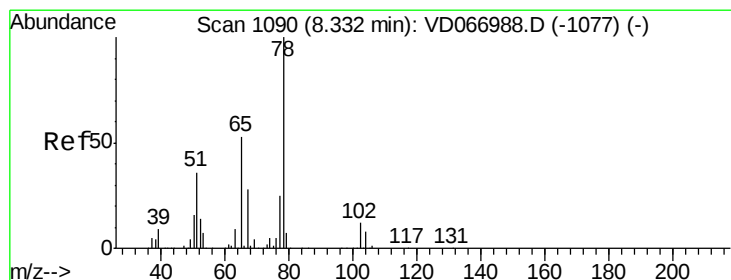
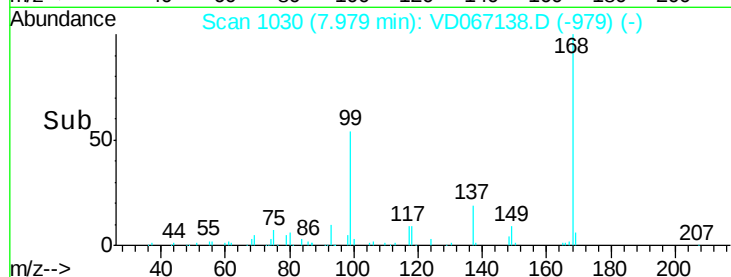
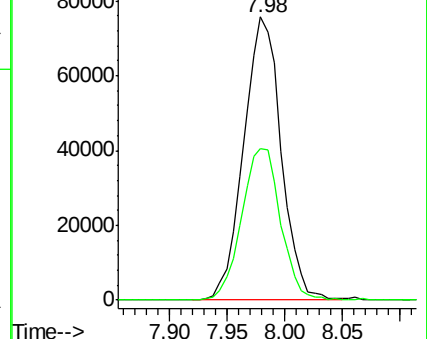
168 100

99 53.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 70.342 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067138.D

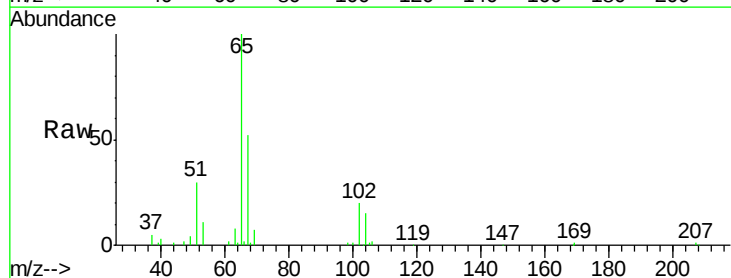
Acq: 07 Oct 2020 06:26

Tgt Ion: 65 Resp: 116154

Ion Ratio Lower Upper

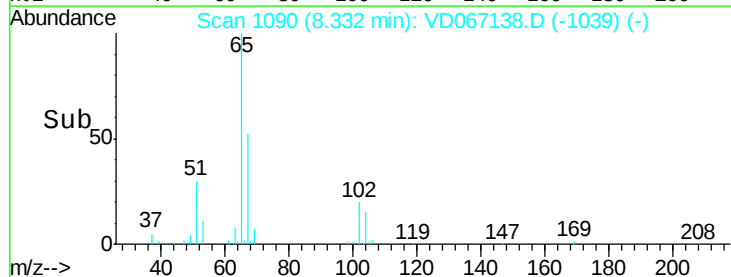
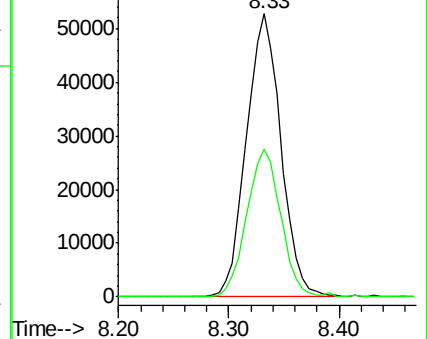
65 100

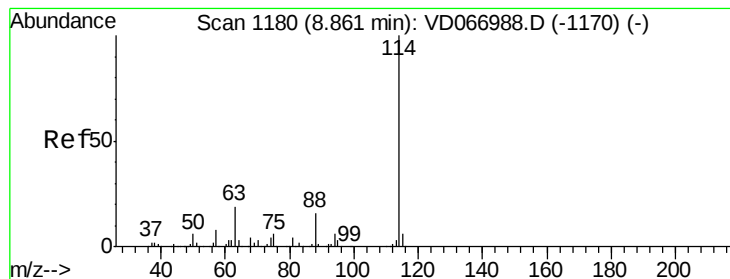
67 51.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067138.D

Acq: 07 Oct 2020 06:26

Instrument :

MSVOA_D

ClientSampleId :

SB-6

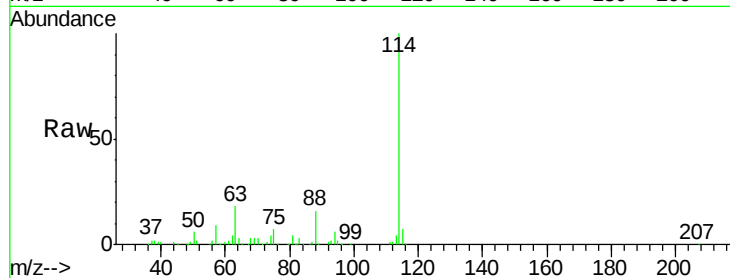
Tot Ion:114 Resp: 275497

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

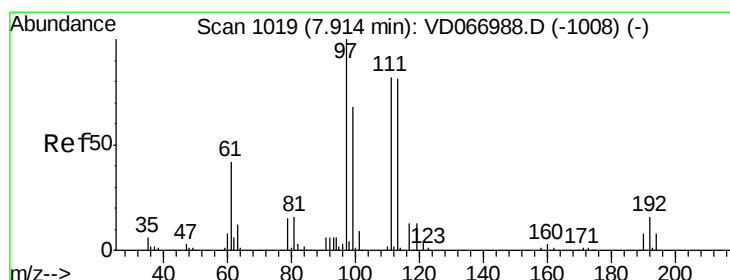
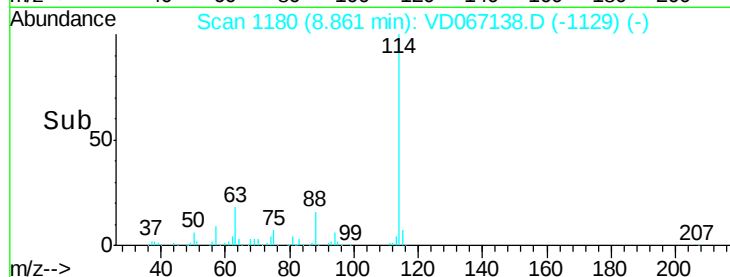
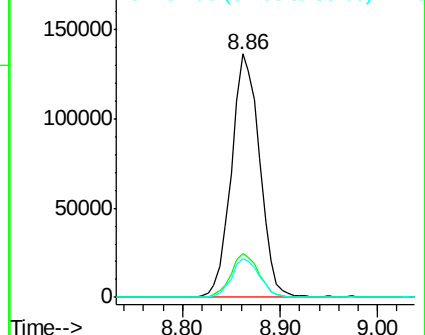
88 16.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 58.112 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067138.D

Acq: 07 Oct 2020 06:26

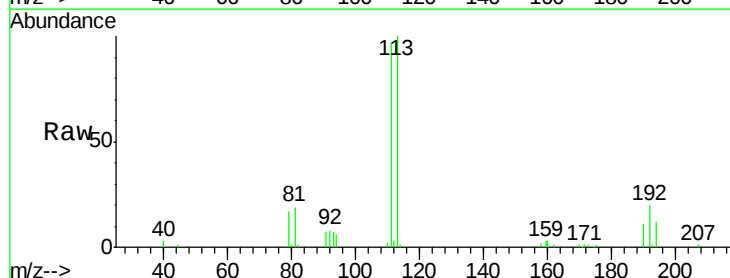
Tgt Ion:113 Resp: 104812

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

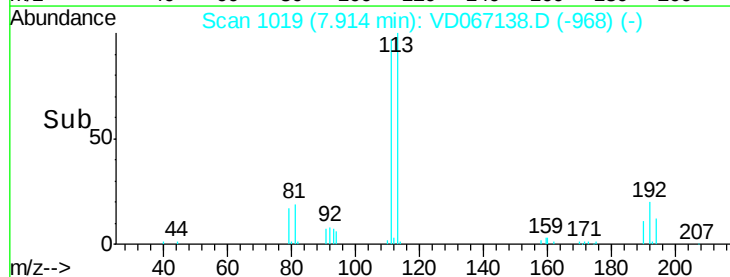
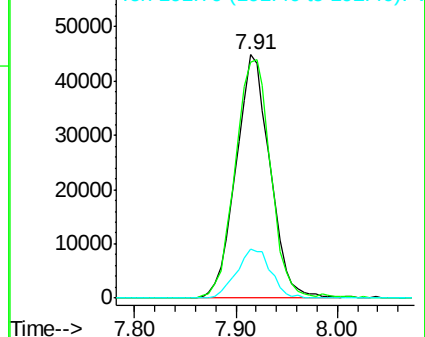
192 20.2 15.5 23.3

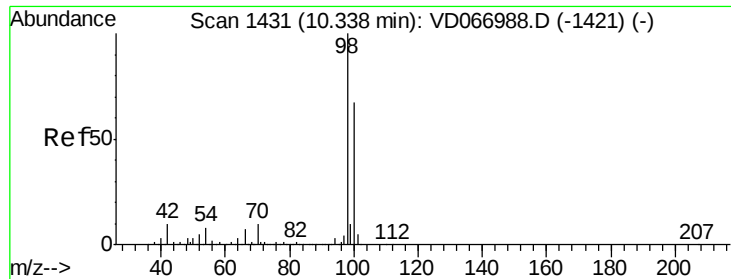


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

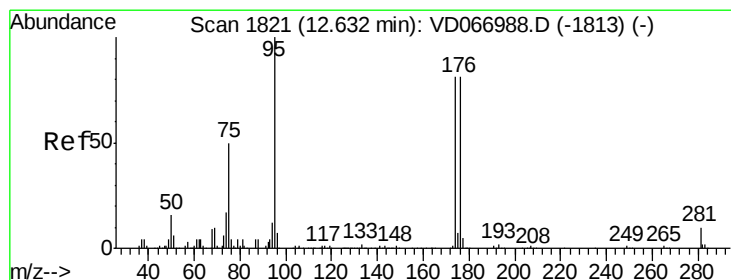
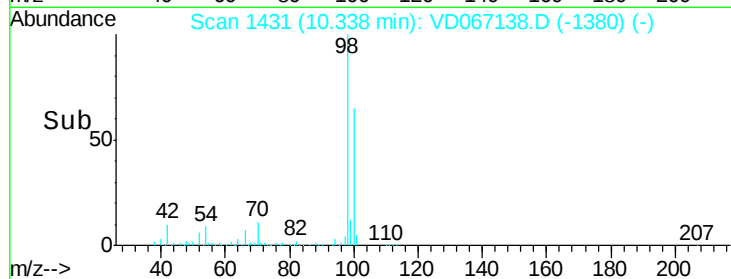
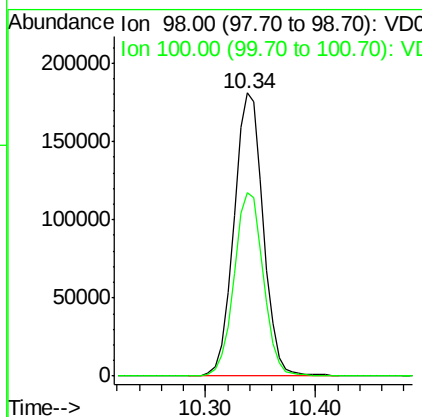
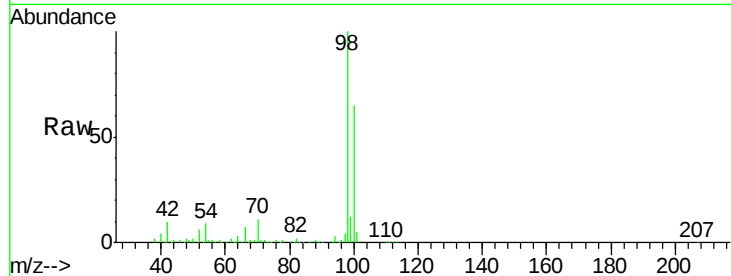




#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

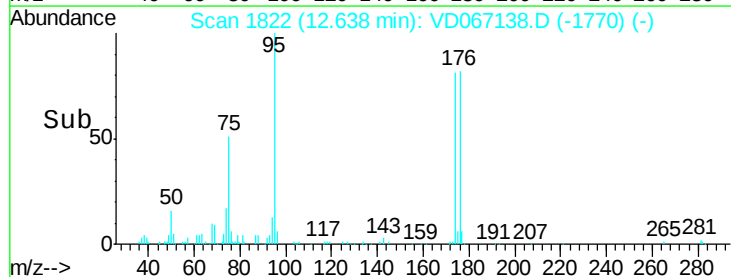
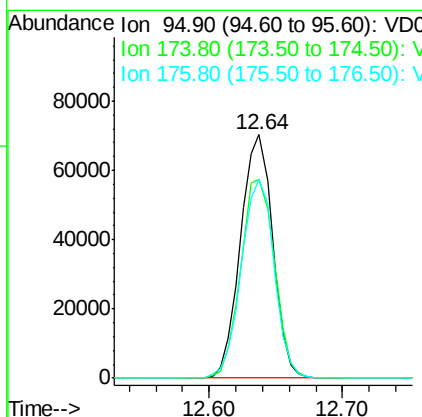
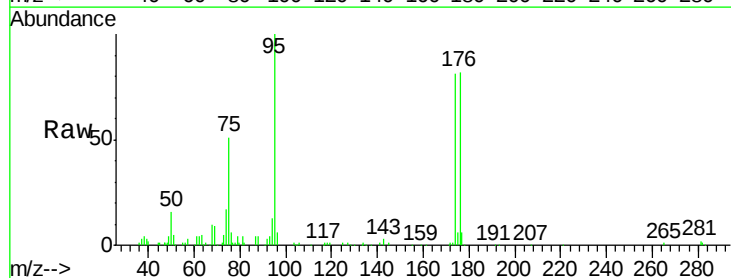
Instrument :
MSVOA_D
ClientSampleId :
SB-6

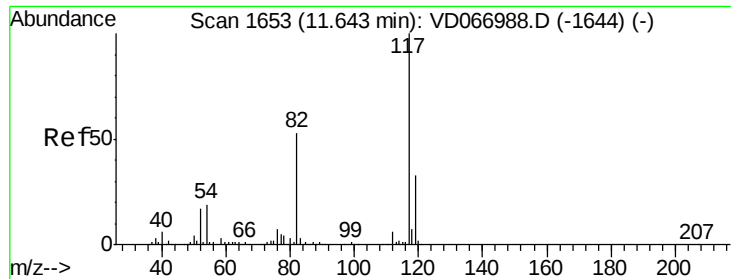
Tot Ion: 98 Resp: 335838
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 52.556 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Tgt Ion: 95 Resp: 117257
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 83.4 0.0 162.4

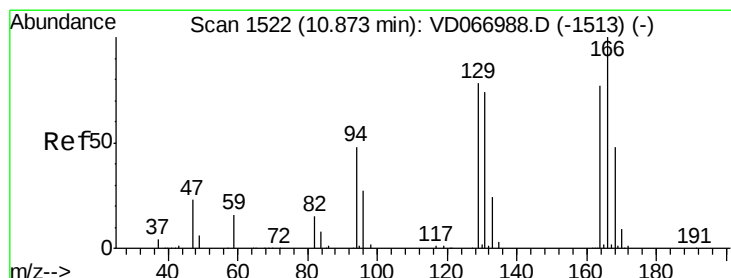
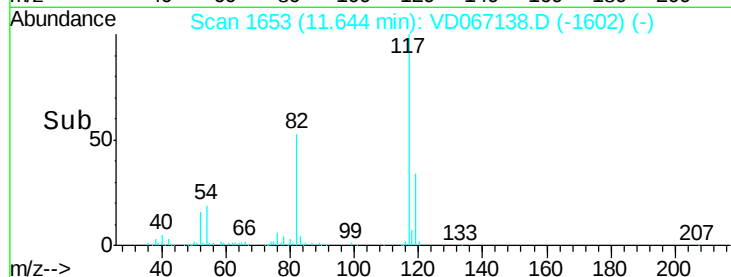
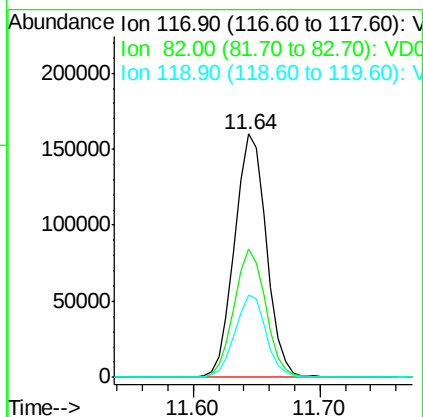
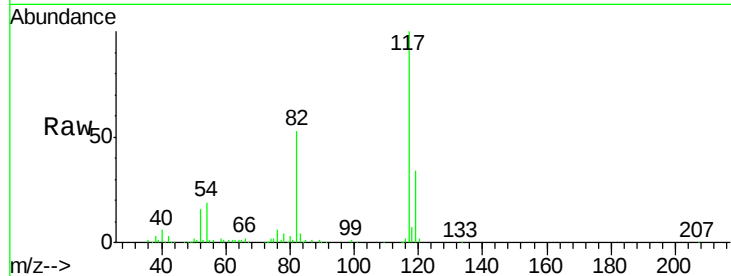




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

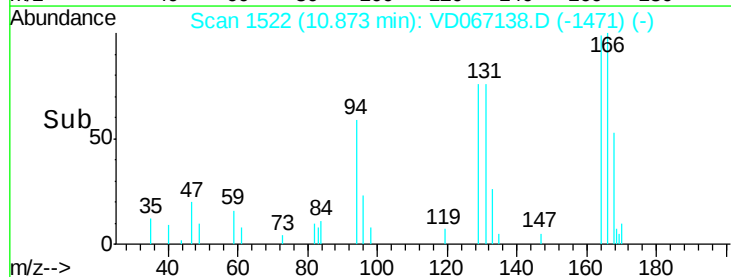
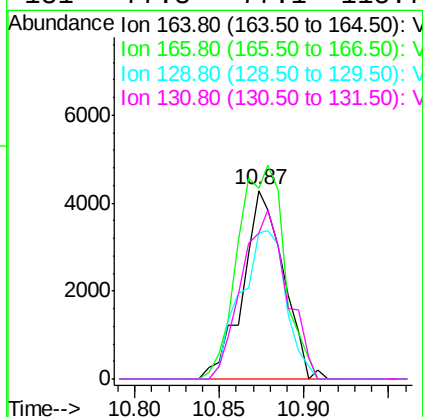
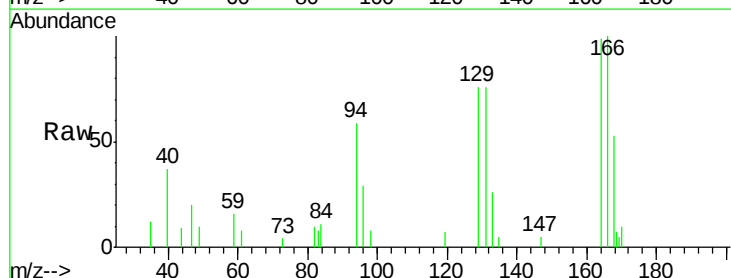
Instrument :
MSVOA_D
ClientSampled :
SB-6

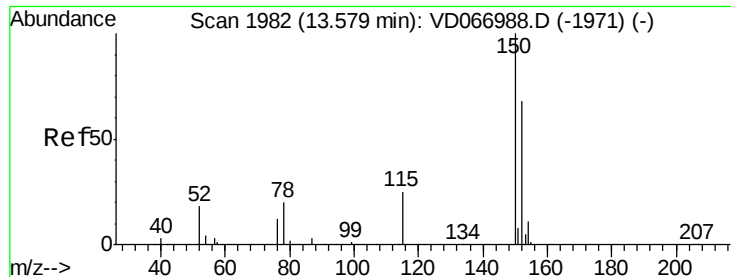
Tot Ion:117 Resp: 277933
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 33.9 26.3 39.5



#64
Tetrachloroethene
Concen: 3.535 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Tgt Ion:164 Resp: 7142
Ion Ratio Lower Upper
164 100
166 101.3 104.4 156.6#
129 77.5 81.3 121.9#
131 77.3 77.1 115.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067138.D

Acq: 07 Oct 2020 06:26

Instrument :

MSVOA_D

ClientSampleId :

SB-6

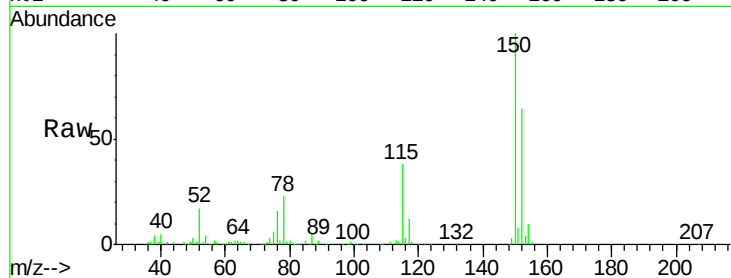
Tot Ion:152 Resp: 135199

Ion Ratio Lower Upper

152 100

115 58.2 29.6 88.8

150 160.7 0.0 344.8



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

