

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065868.D
 Acq On : 23 Jun 2020 18:52
 Operator : VA/SY
 Sample : L3082-10
 Misc : 4.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11

Quant Time: Jun 24 06:11:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

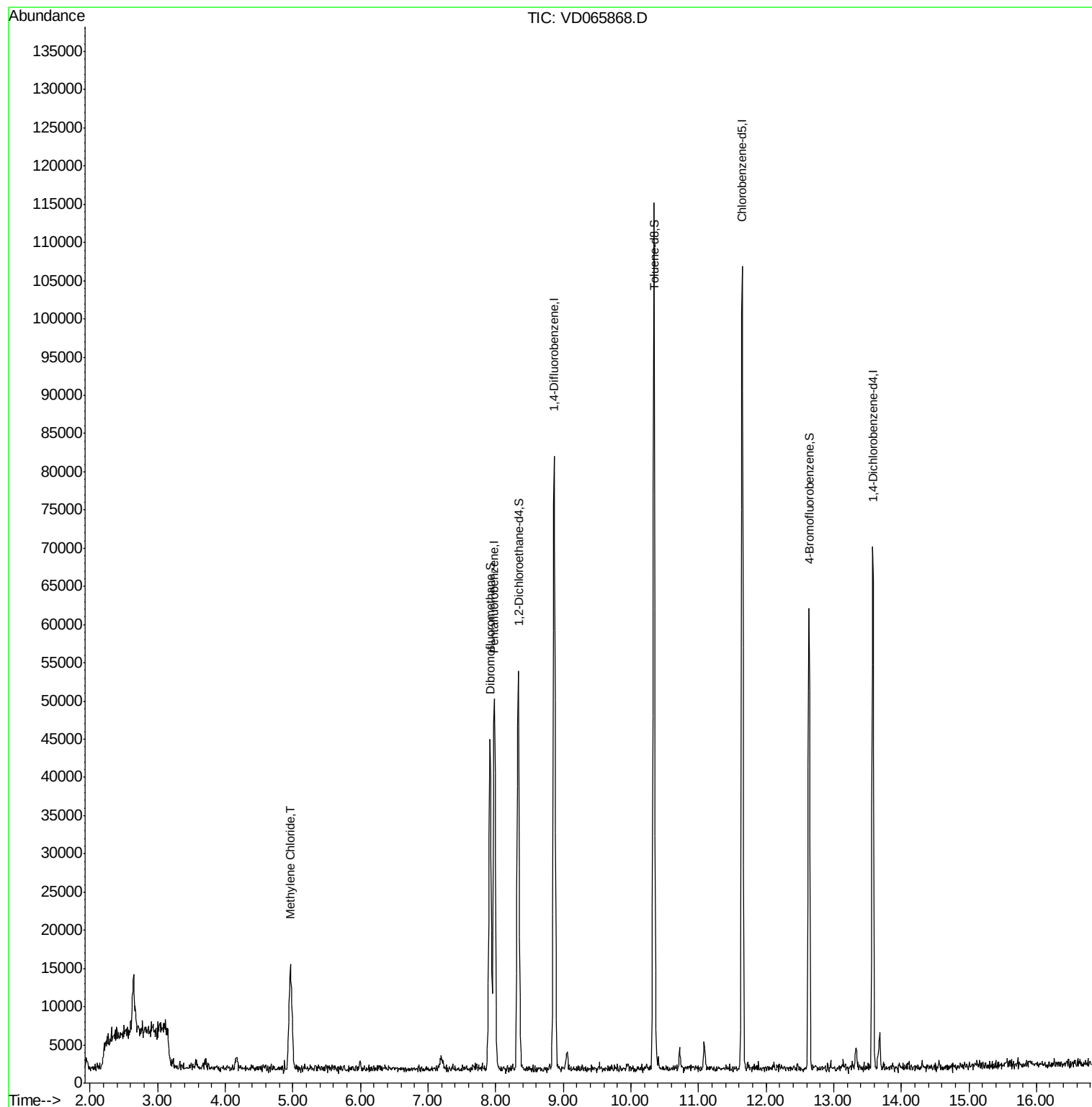
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	35471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	65121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	57533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	17202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	41873	119.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	238.94%	
35) Dibromofluoromethane	7.92	113	30012	72.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.92%	
50) Toluene-d8	10.34	98	74510	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.64	95	18733	36.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.02%	
Target Compounds						
20) Methylene Chloride	4.97	84	9686	25.397	ug/l	Qvalue 95

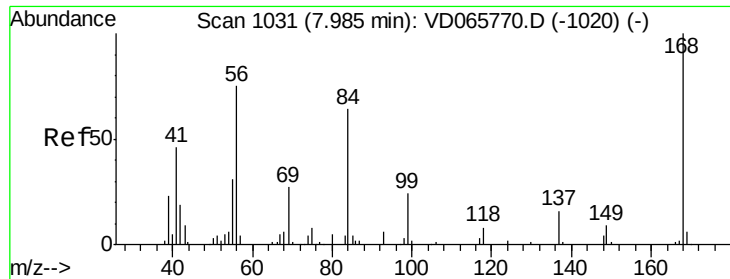
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065868.D

Acq: 23 Jun 2020 18:52

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MSVOA_D

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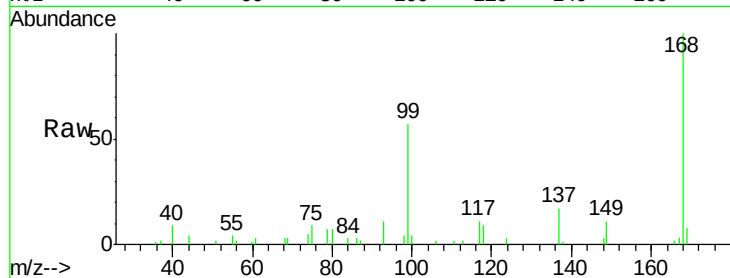
SB-11

Tot Ion:168 Resp: 35471

Ion Ratio Lower Upper

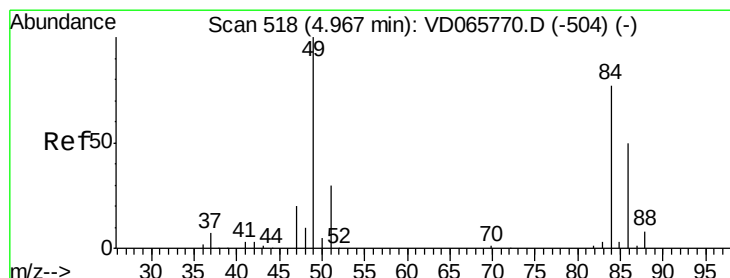
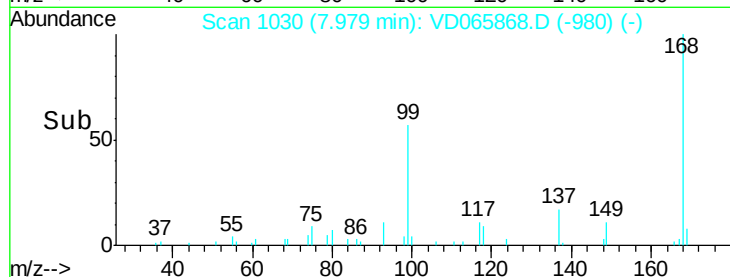
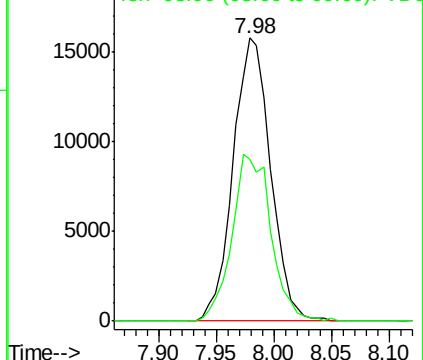
168 100

99 57.1 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 25.397 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065868.D

Acq: 23 Jun 2020 18:52

Tgt Ion: 84 Resp: 9686

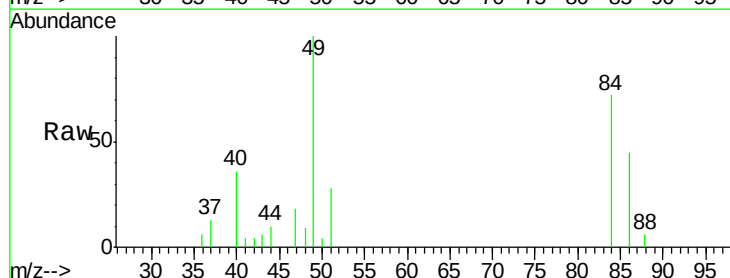
Ion Ratio Lower Upper

84 100

49 138.5 103.4 155.0

51 38.8 31.4 47.2

86 62.9 51.7 77.5

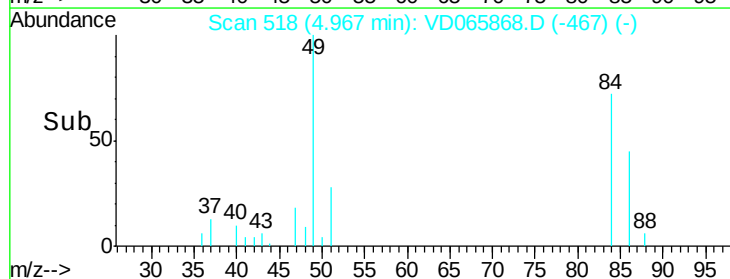
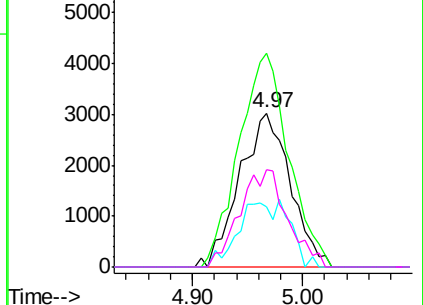


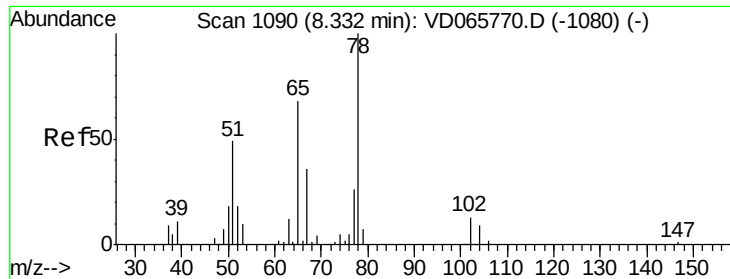
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

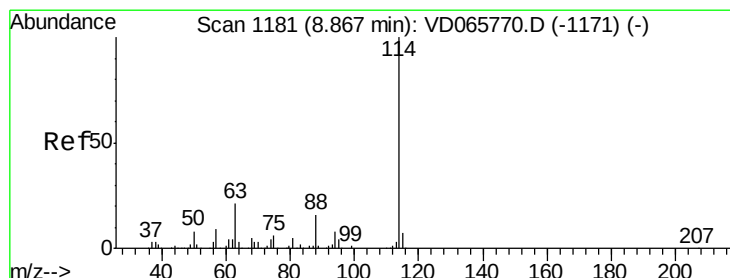
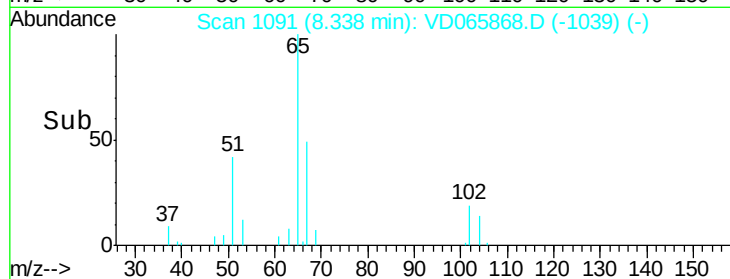
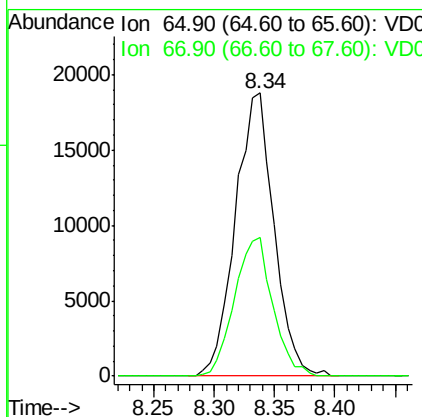
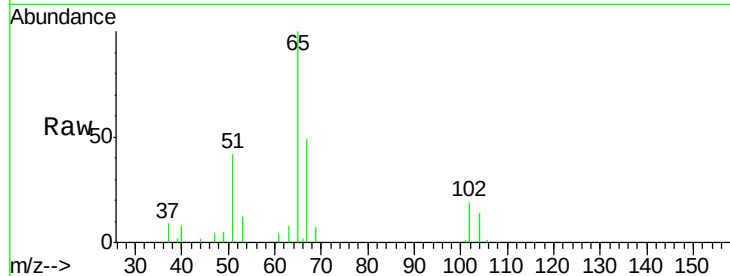




#33
 1,2-Dichloroethane-d4
 Concen: 119.466 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065868.D
 Acq: 23 Jun 2020 18:52

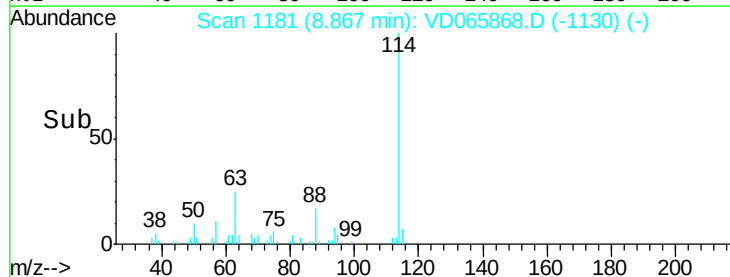
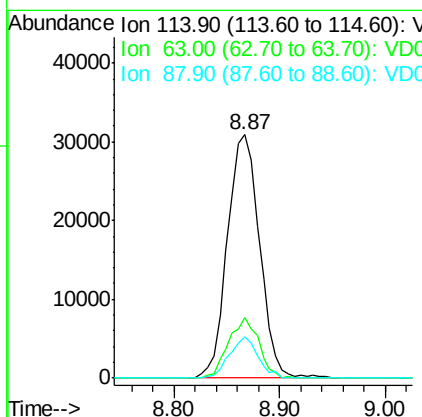
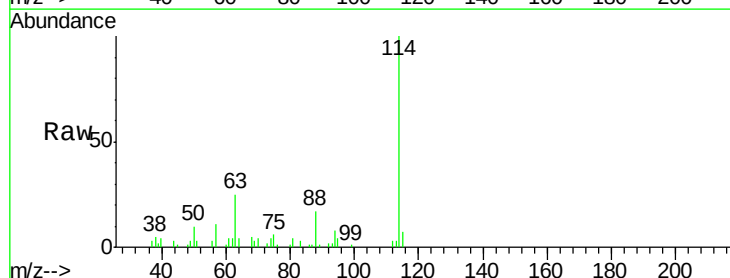
Instrument :
 MSVOA_D
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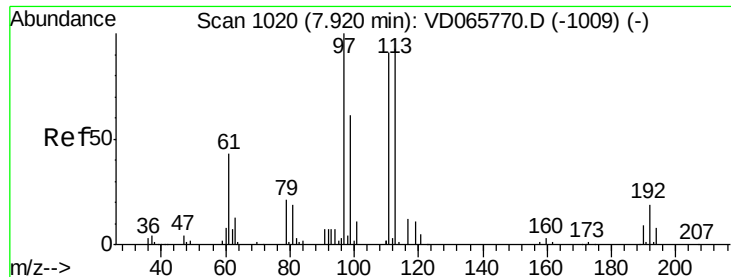
Tot Ion: 65 Resp: 41873
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065868.D
 Acq: 23 Jun 2020 18:52

Tgt Ion: 114 Resp: 65121
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 41.8
 88 16.9 0.0 32.0

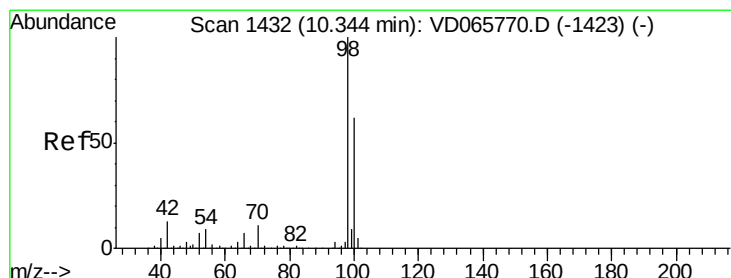
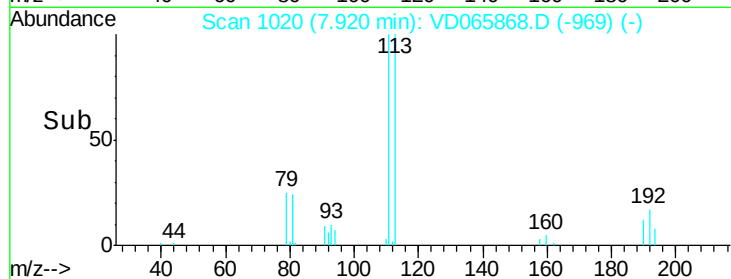
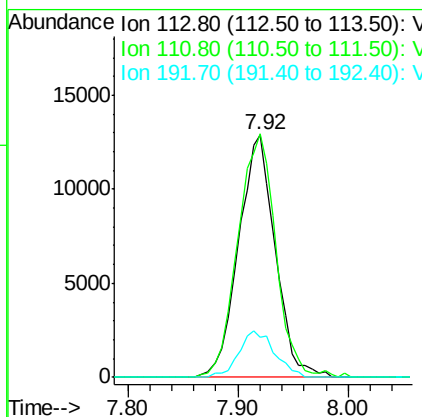
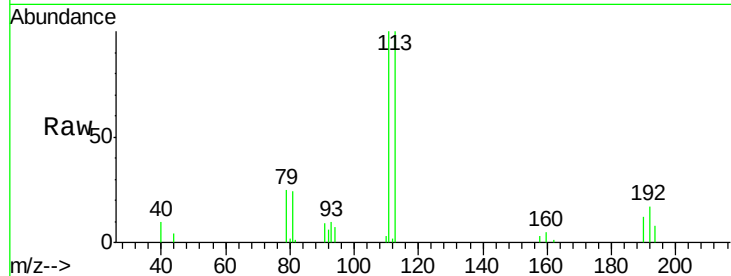




#35
 Dibromofluoromethane
 Concen: 72.961 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065868.D
 Acq: 23 Jun 2020 18:52

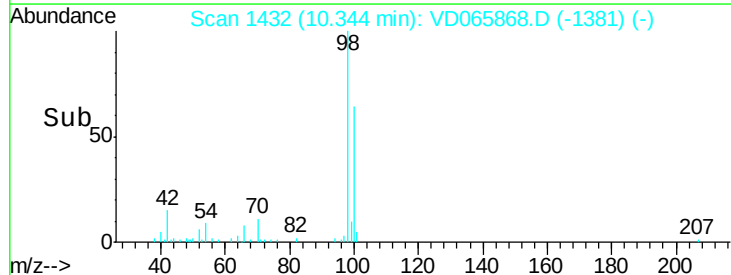
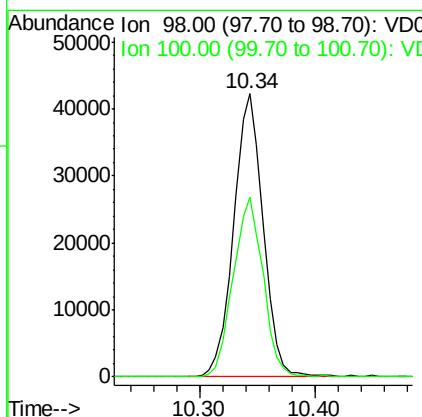
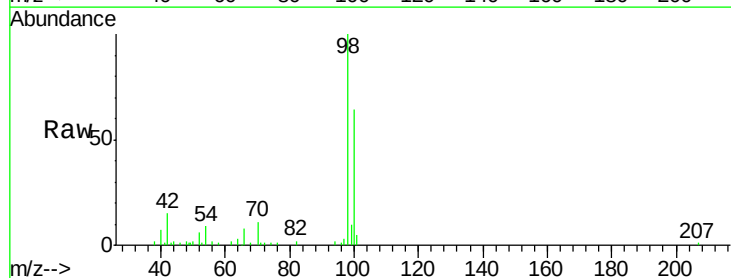
Instrument :
 MSVOA_D
 ClientSampled :
 SB-11

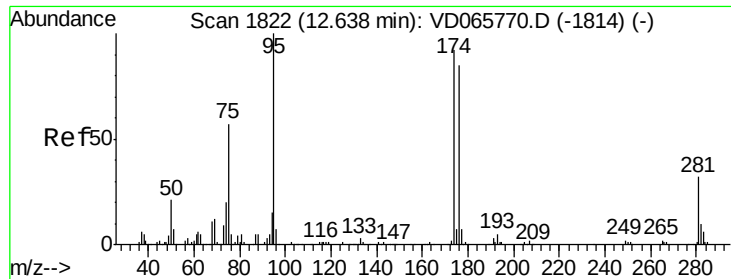
Tot Ion:113 Resp: 30012
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.4 125.0
 192 18.8 15.7 23.5



#50
 Toluene-d8
 Concen: 48.577 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065868.D
 Acq: 23 Jun 2020 18:52

Tgt Ion: 98 Resp: 74510
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.2

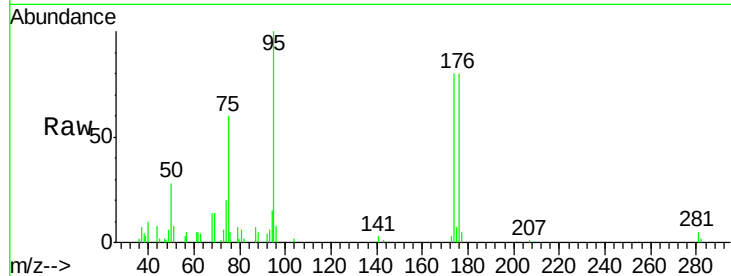




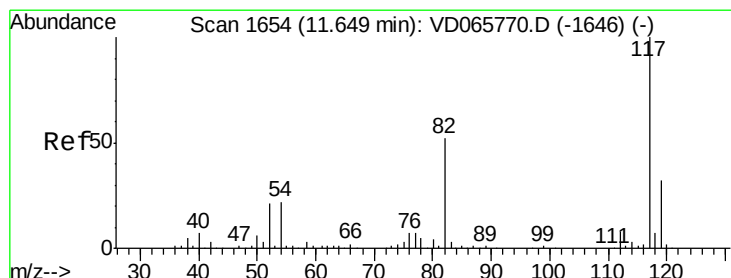
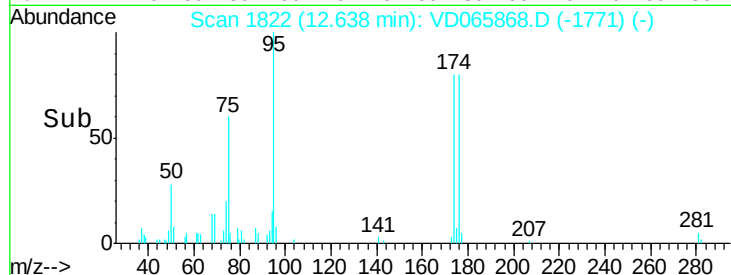
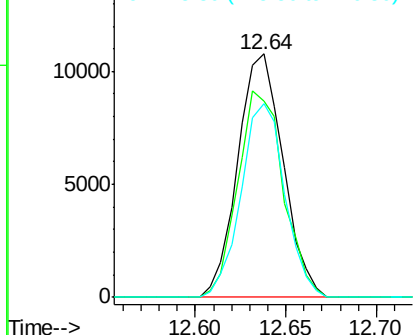
#62
4-Bromofluorobenzene
Concen: 36.012 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065868.D
Acq: 23 Jun 2020 18:52

Instrument :
MSVOA_D
ClientSampleId :
SB-11

Tot Ion: 95 Resp: 18733
Ion Ratio Lower Upper
95 100
174 85.0 0.0 175.2
176 76.9 0.0 163.0

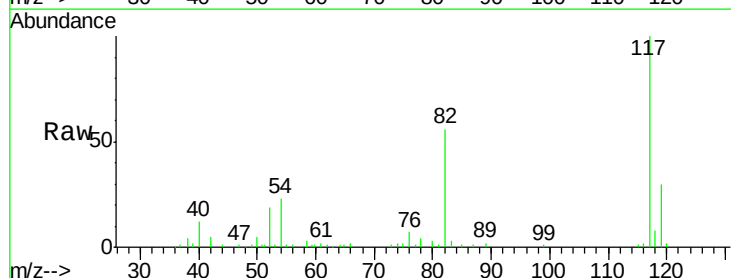


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

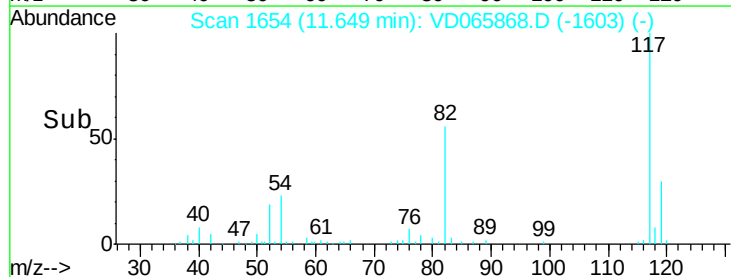
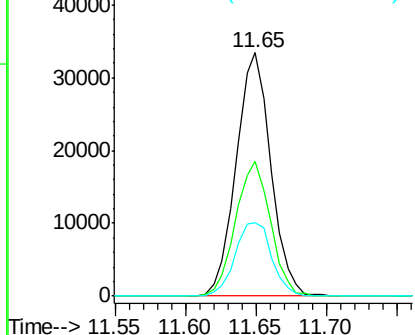


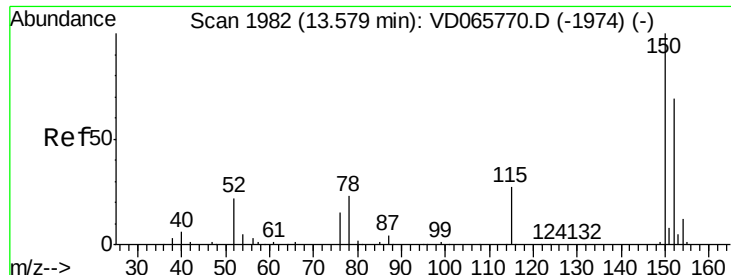
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065868.D
Acq: 23 Jun 2020 18:52

Tgt Ion: 117 Resp: 57533
Ion Ratio Lower Upper
117 100
82 55.6 41.9 62.9
119 30.4 25.3 37.9



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD065868.D

Acq: 23 Jun 2020 18:52

Instrument :

MSVOA_D

ClientSampleId :

SB-11

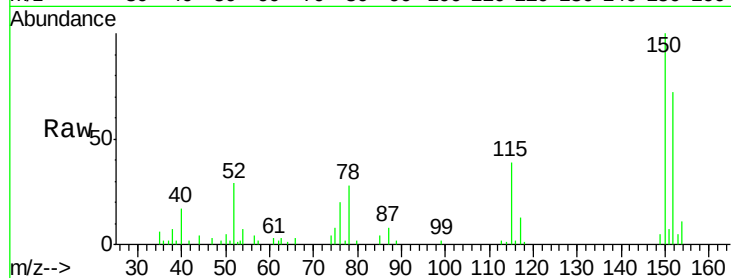
Tot Ion:152 Resp: 17202

Ion Ratio Lower Upper

152 100

115 57.9 28.7 86.1

150 149.3 0.0 348.0



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

