

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065867.D
 Acq On : 23 Jun 2020 18:25
 Operator : VA/SY
 Sample : L3082-09
 Misc : 5.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10

Quant Time: Jun 24 06:04:11 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

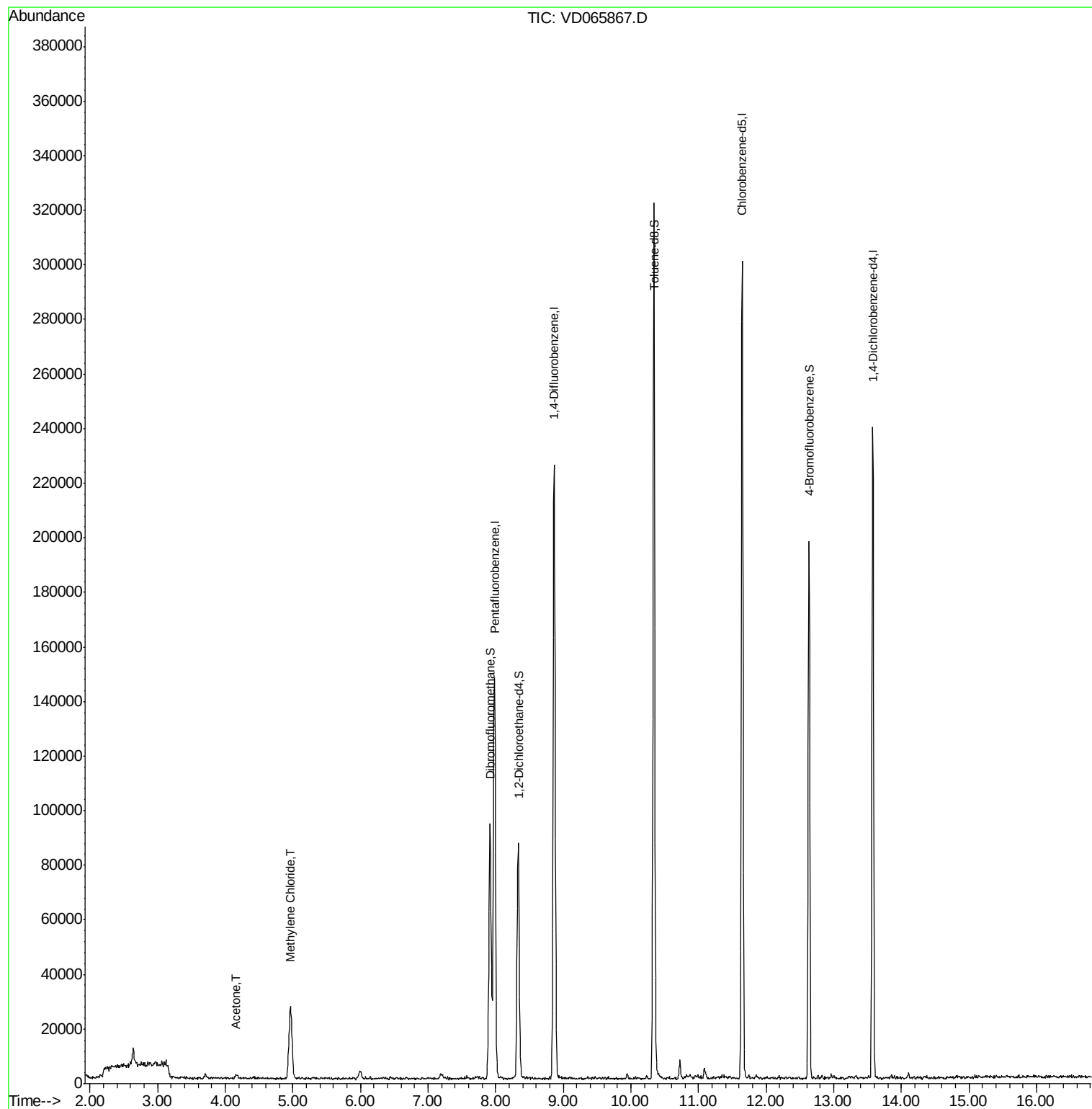
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	105780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	184744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	161334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	58873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	70829	67.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.52%	
35) Dibromofluoromethane	7.92	113	65900	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
50) Toluene-d8	10.34	98	211489	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.64	95	58940	39.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.88%	
Target Compounds						
16) Acetone	4.16	43	2998	15.205	ug/l #	76
20) Methylene Chloride	4.97	84	20039	16.123	ug/l #	93

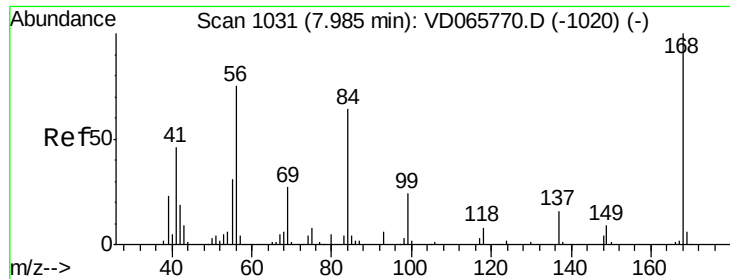
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065867.D

Acq: 23 Jun 2020 18:25

Instrument :

MSVOA_D

ClientSampled :

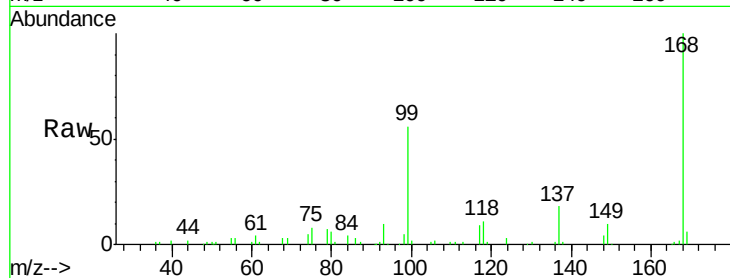
SB-10

Tot Ion:168 Resp: 105780

Ion Ratio Lower Upper

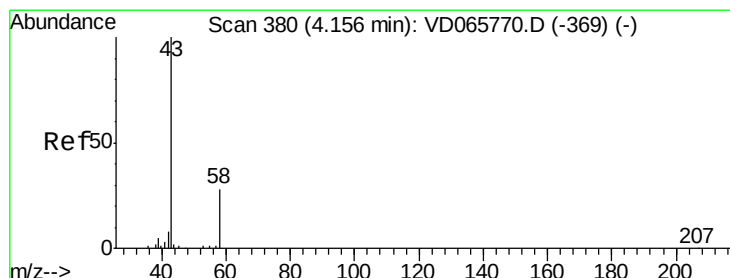
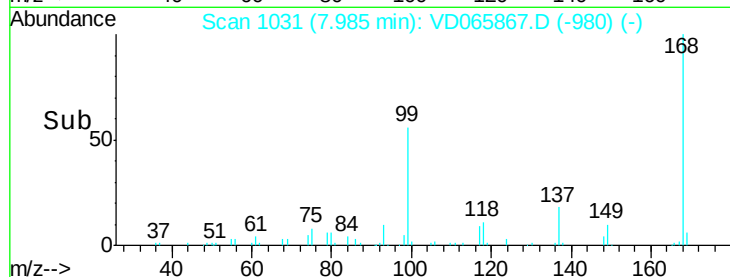
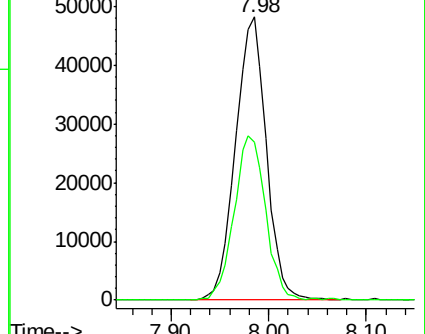
168 100

99 55.8 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 15.205 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065867.D

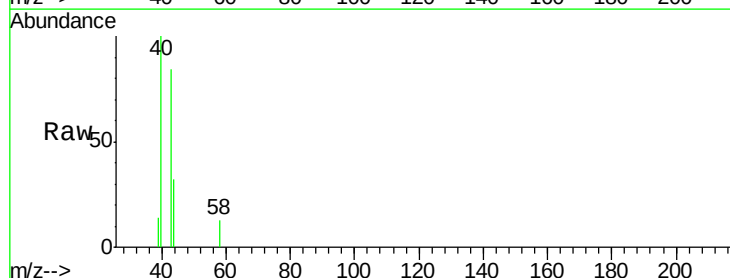
Acq: 23 Jun 2020 18:25

Tgt Ion: 43 Resp: 2998

Ion Ratio Lower Upper

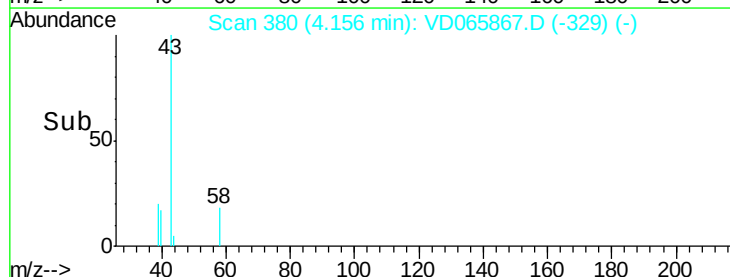
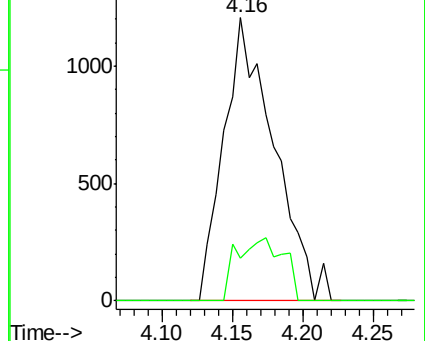
43 100

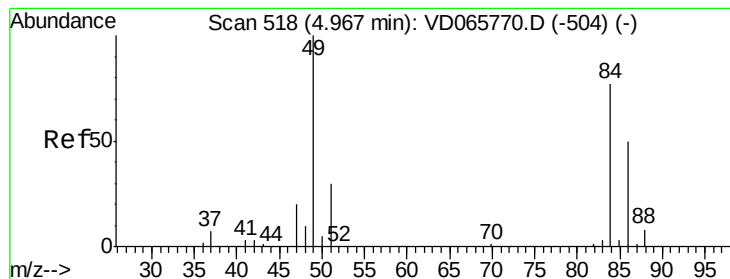
58 15.2 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 16.123 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065867.D

Acq: 23 Jun 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

SB-10

Tot Ion: 84 Resp: 20039

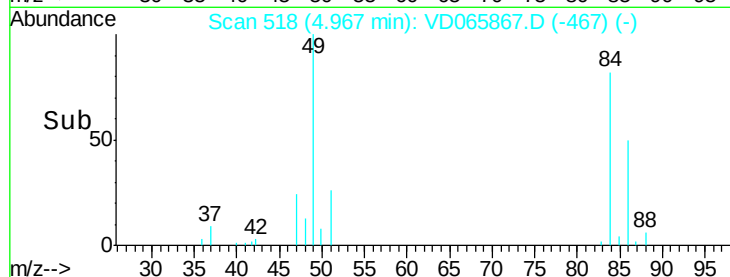
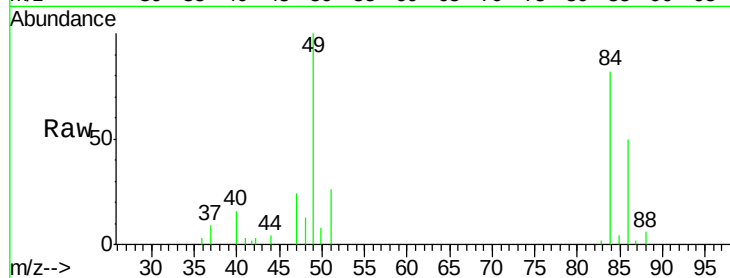
Ion Ratio Lower Upper

84 100

49 121.6 103.4 155.0

51 31.4 31.4 47.2#

86 60.8 51.7 77.5

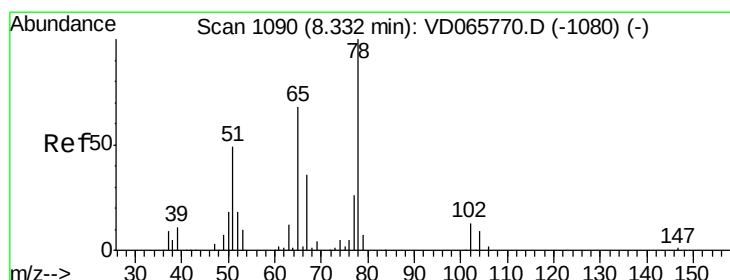
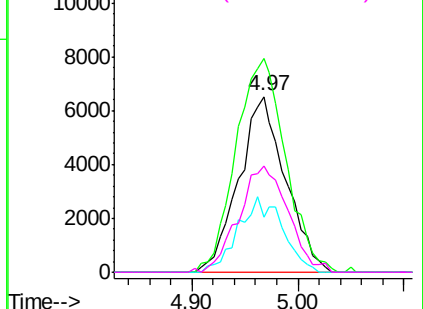


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 67.763 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065867.D

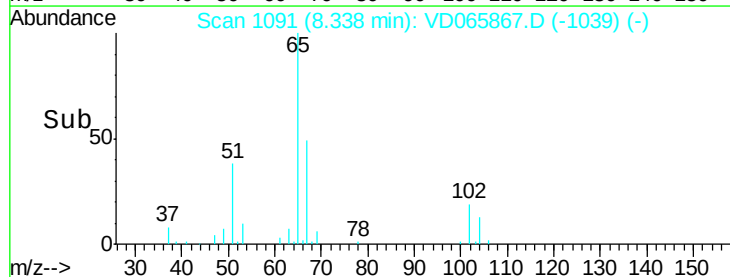
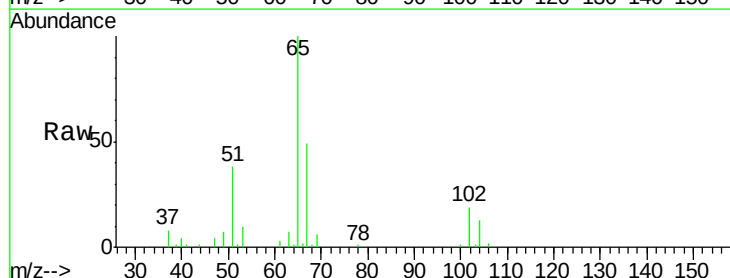
Acq: 23 Jun 2020 18:25

Tgt Ion: 65 Resp: 70829

Ion Ratio Lower Upper

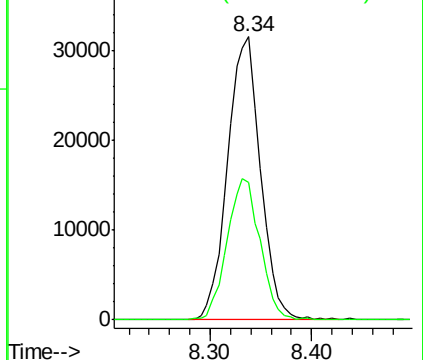
65 100

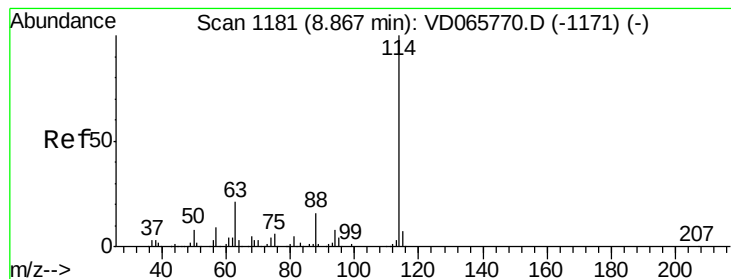
67 49.8 0.0 103.6



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: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065867.D

Acq: 23 Jun 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

SB-10

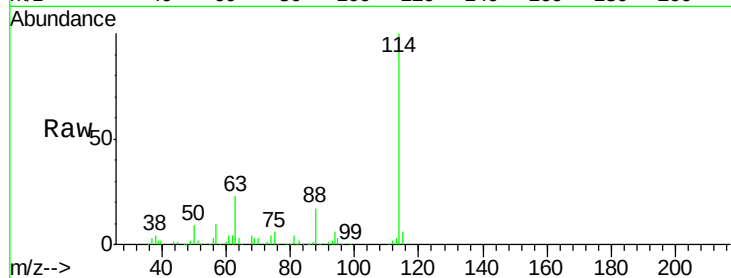
Tot Ion:114 Resp: 184744

Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

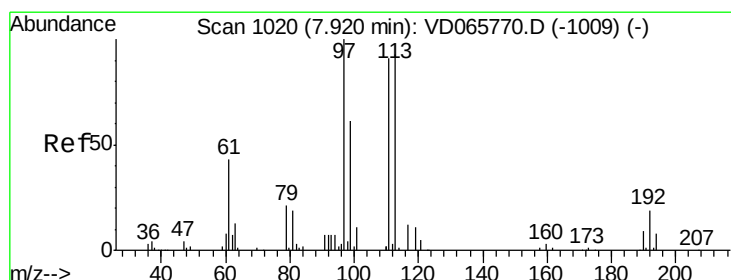
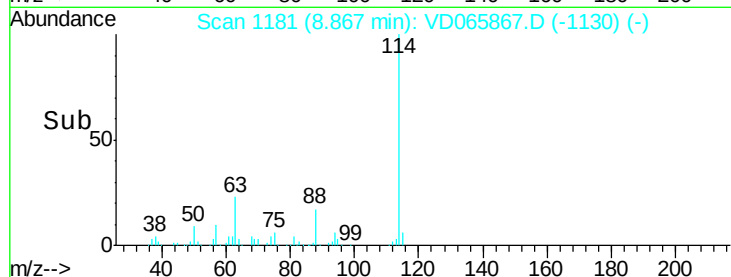
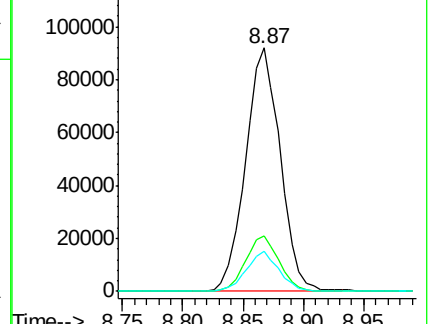
88 16.7 0.0 32.0



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: 56.472 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065867.D

Acq: 23 Jun 2020 18:25

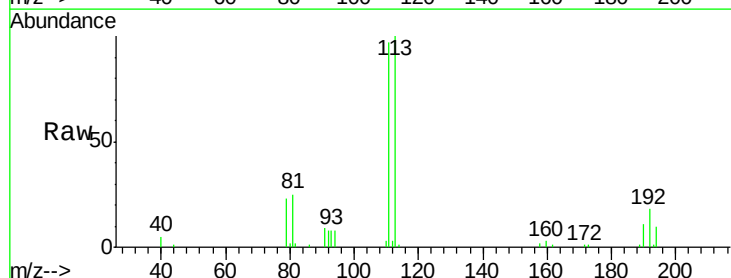
Tgt Ion:113 Resp: 65900

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.0

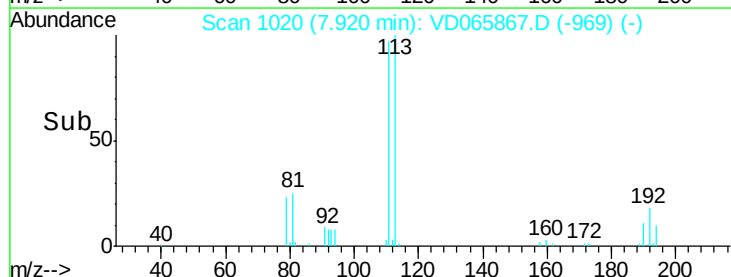
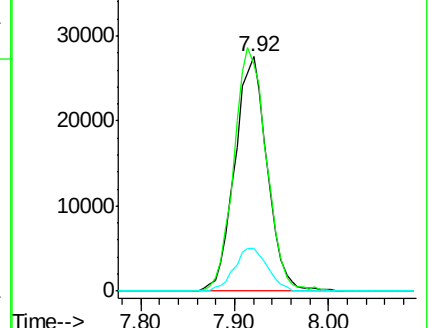
192 18.8 15.7 23.5

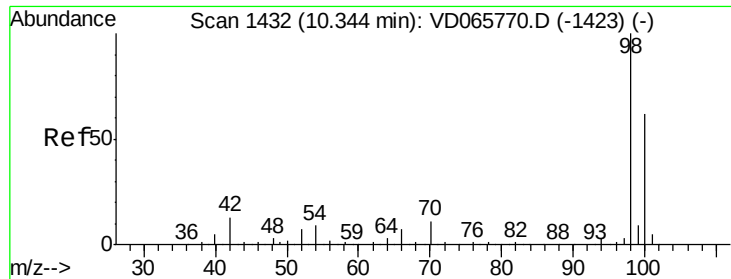


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

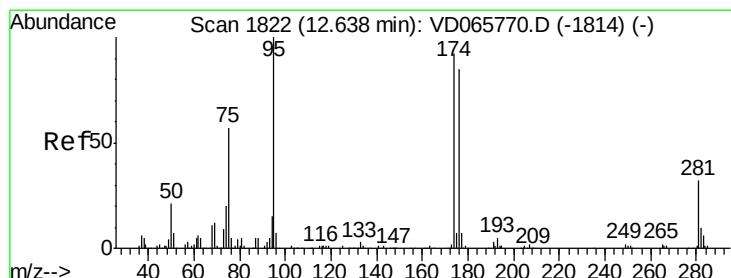
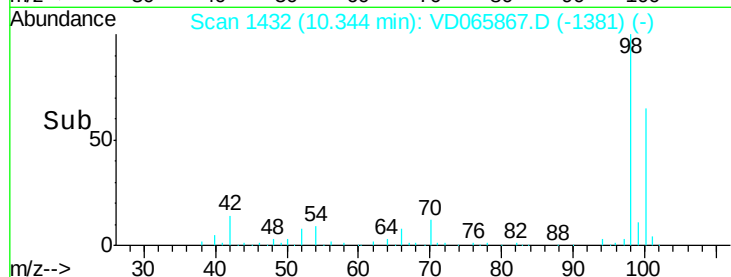
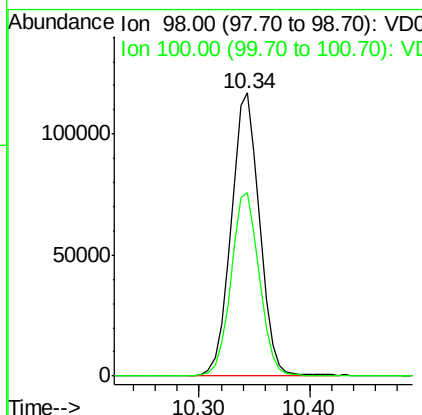
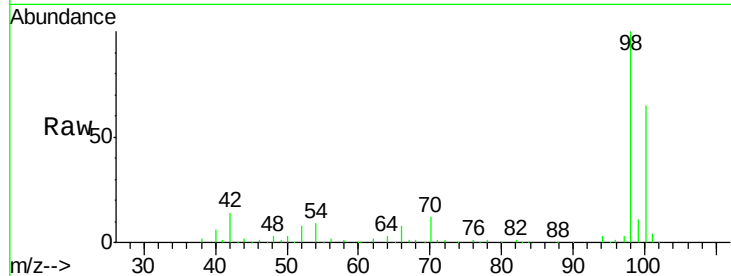




#50
Toluene-d8
Concen: 48.602 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065867.D
Acq: 23 Jun 2020 18:25

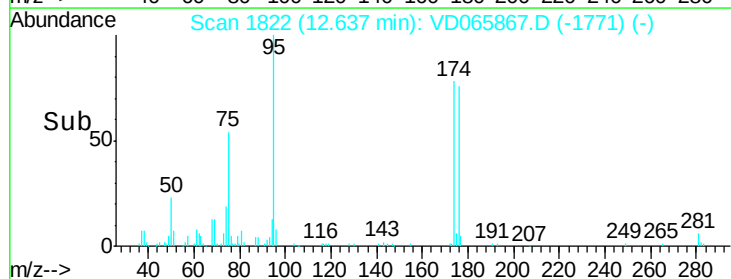
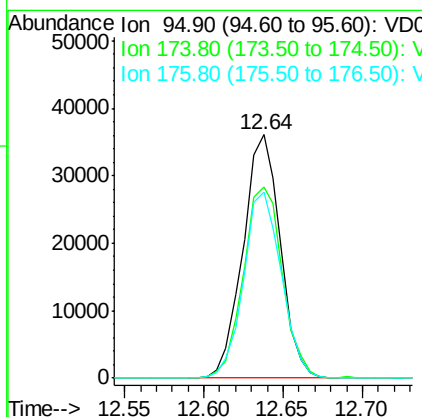
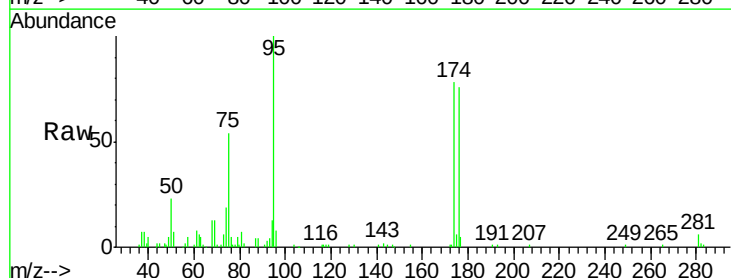
Instrument :
MSVOA_D
ClientSampled :
SB-10

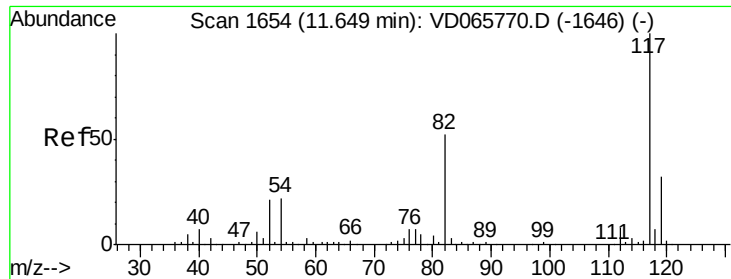
Tot Ion: 98 Resp: 211489
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 39.940 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065867.D
Acq: 23 Jun 2020 18:25

Tgt Ion: 95 Resp: 58940
Ion Ratio Lower Upper
95 100
174 82.4 0.0 175.2
176 77.7 0.0 163.0

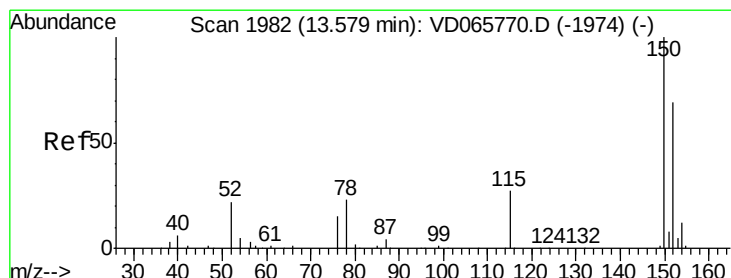
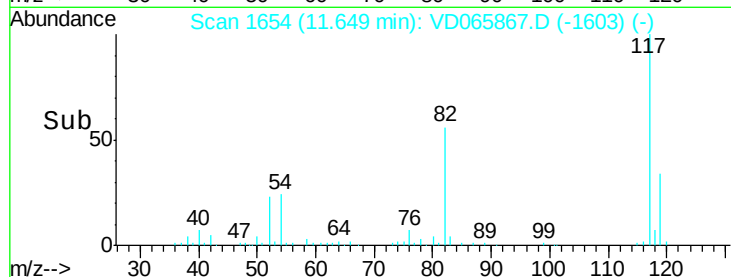
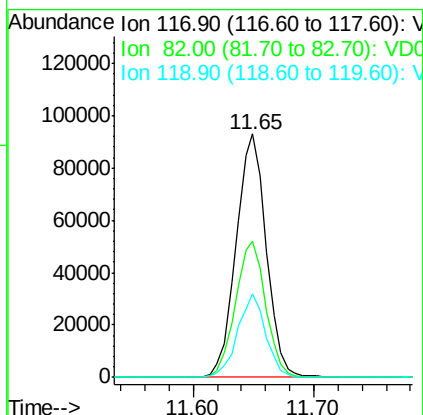
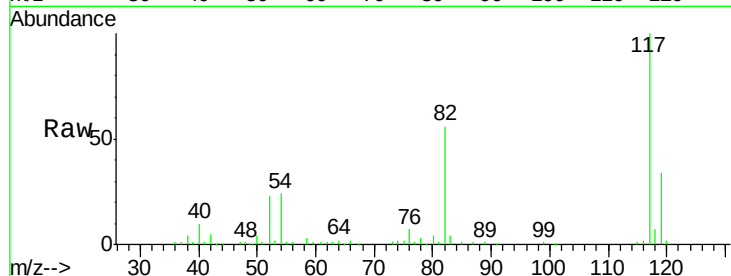




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065867.D
Acq: 23 Jun 2020 18:25

Instrument :
MSVOA_D
ClientSampleId :
SB-10

Tot Ion:117 Resp: 161334
Ion Ratio Lower Upper
117 100
82 56.2 41.9 62.9
119 34.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065867.D
Acq: 23 Jun 2020 18:25

Tgt Ion:152 Resp: 58873
Ion Ratio Lower Upper
152 100
115 59.2 28.7 86.1
150 157.5 0.0 348.0

