

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062220\
 Data File : VD065847.D
 Acq On : 22 Jun 2020 16:30
 Operator : VA/SY
 Sample : L3082-08
 Misc : 3.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9

Quant Time: Jun 23 07:32:52 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

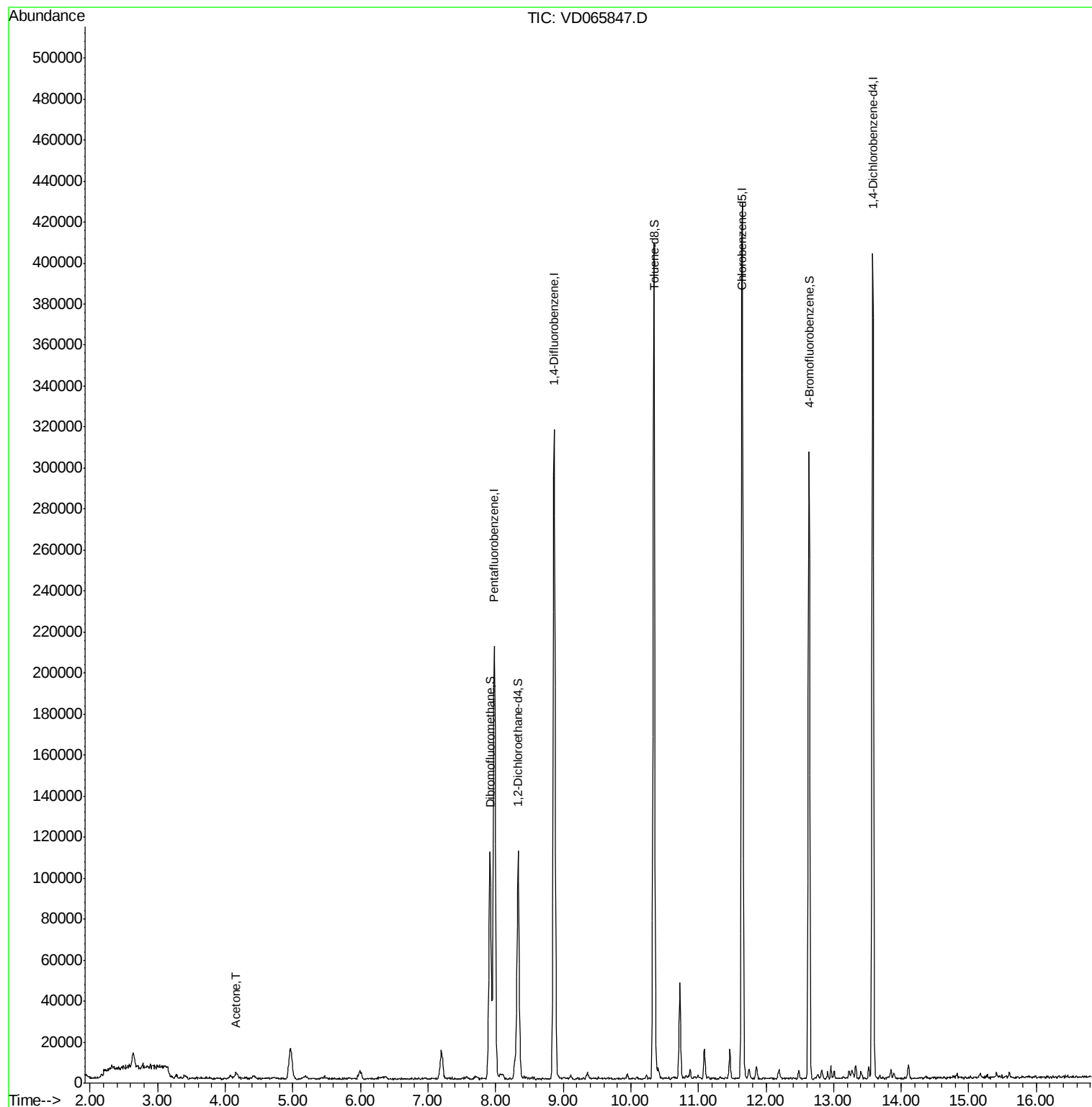
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	150301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	261702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	233825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	79689	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
35) Dibromofluoromethane	7.92	113	77213	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	10.34	98	269471	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.64	95	85779	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.06%	
Target Compounds						
16) Acetone	4.16	43	5410	19.311	ug/l #	Qvalue 87

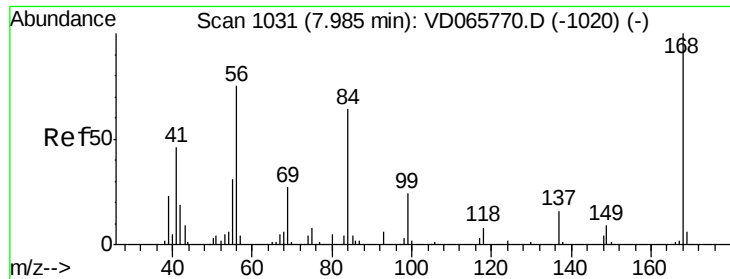
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065847.D

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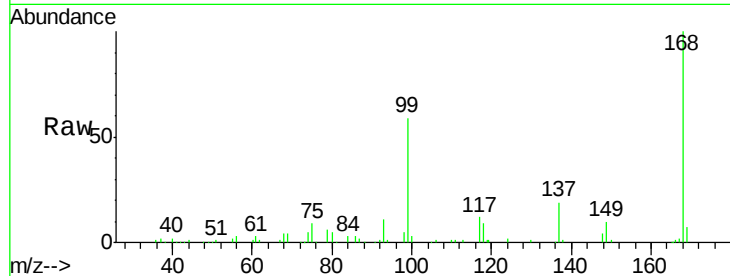
SB-9

Tot Ion:168 Resp: 150301

Ion Ratio Lower Upper

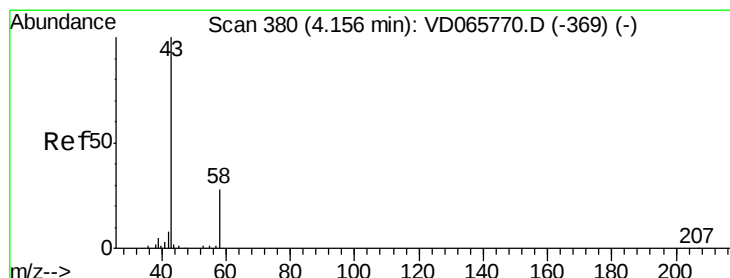
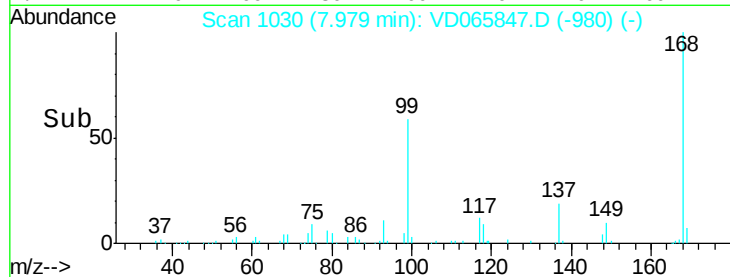
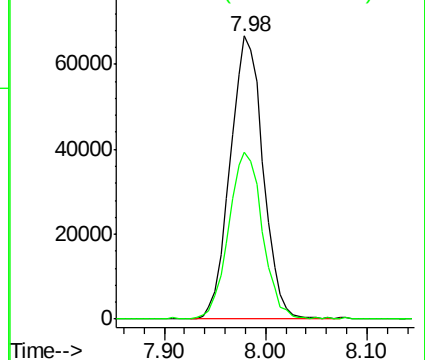
168 100

99 58.8 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: 19.311 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065847.D

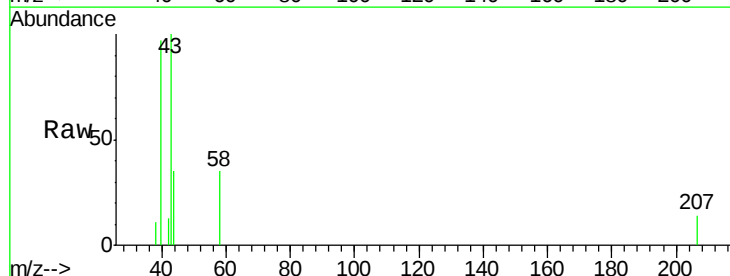
Acq: 22 Jun 2020 16:30

Tgt Ion: 43 Resp: 5410

Ion Ratio Lower Upper

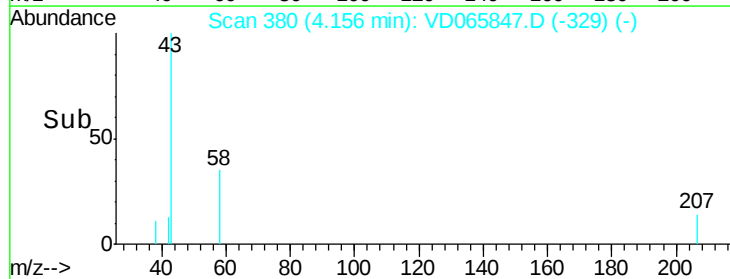
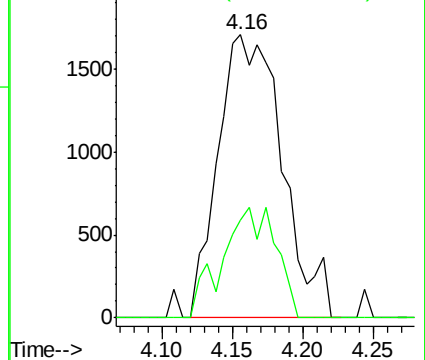
43 100

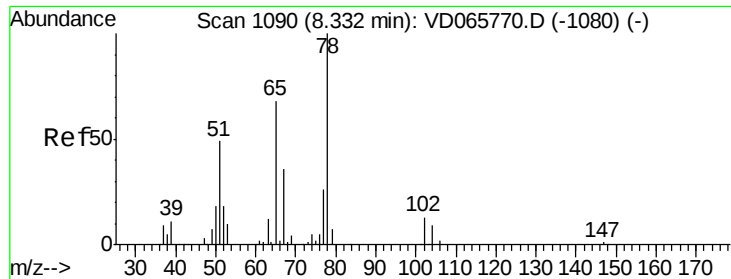
58 34.7 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

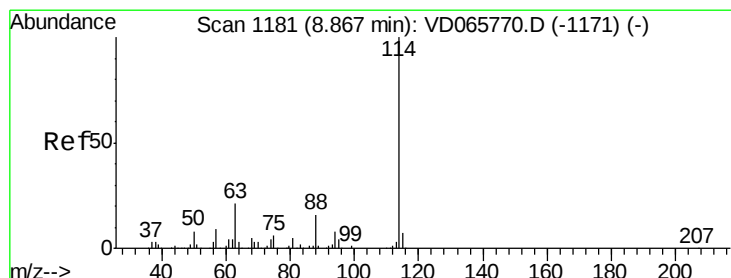
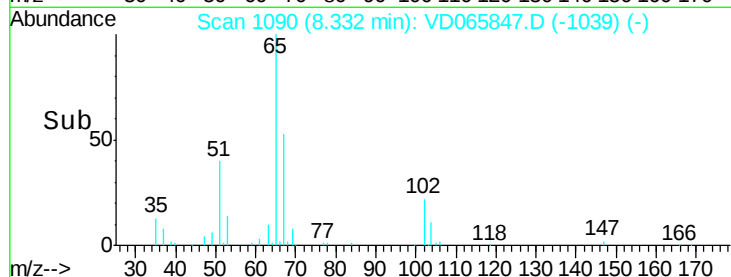
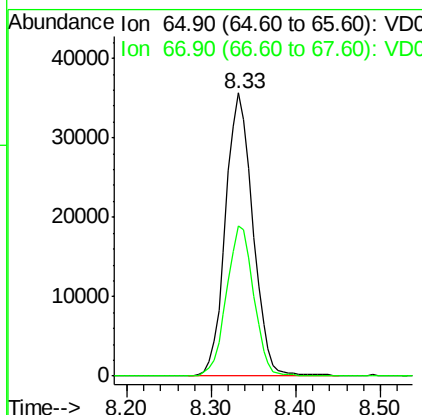
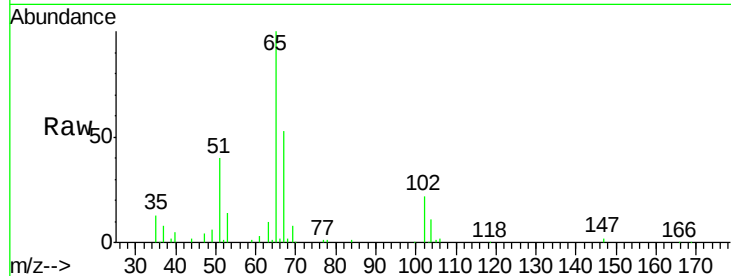




#33
 1,2-Dichloroethane-d4
 Concen: 53.656 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065847.D
 Acq: 22 Jun 2020 16:30

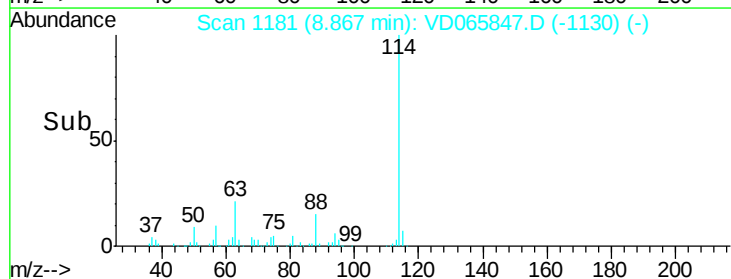
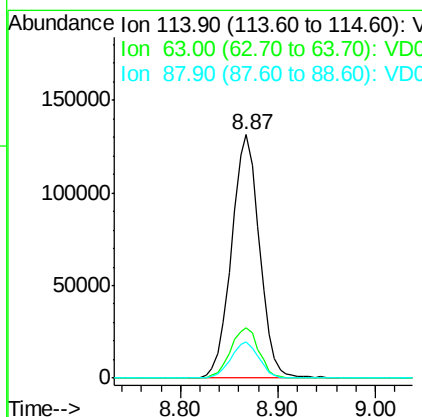
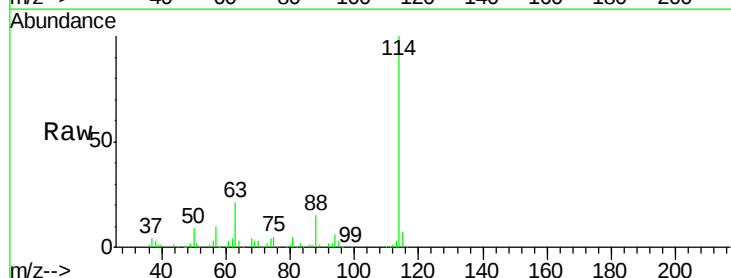
Instrument :
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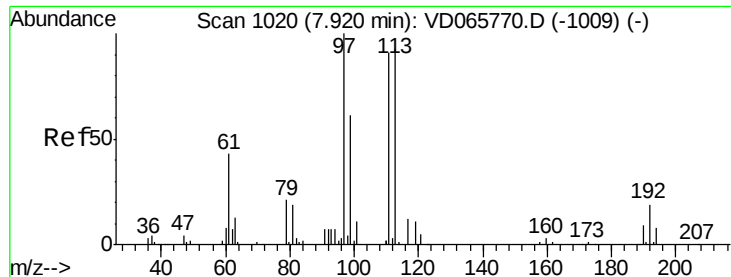
Tot Ion: 65 Resp: 79689
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065847.D
 Acq: 22 Jun 2020 16:30

Tgt Ion: 114 Resp: 261702
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.8
 88 14.7 0.0 32.0

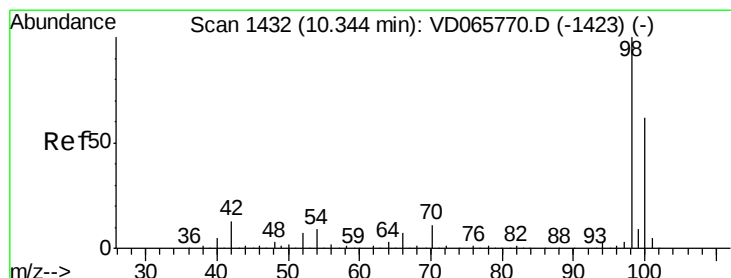
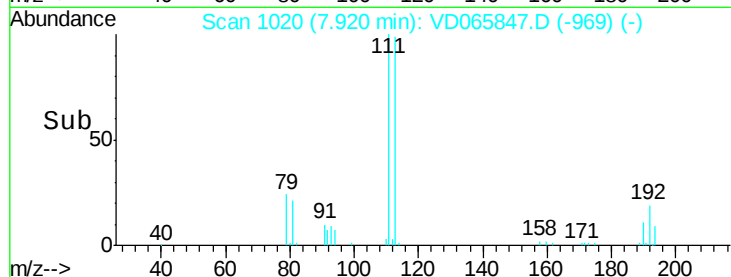
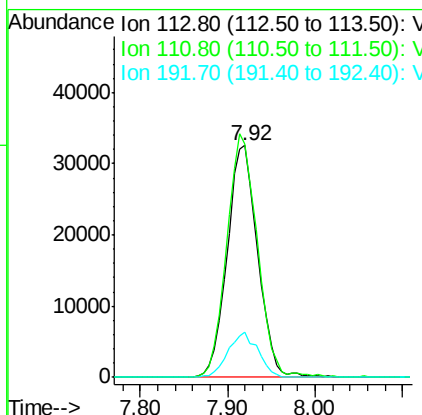
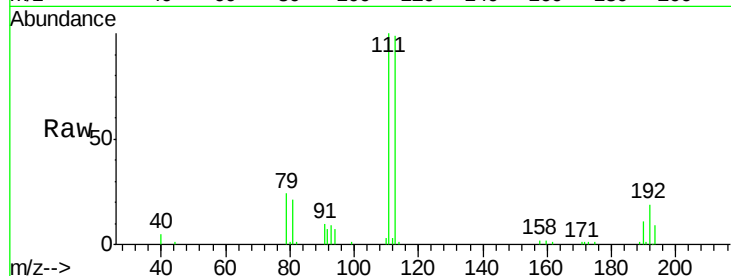




#35
 Dibromofluoromethane
 Concen: 46.709 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065847.D
 Acq: 22 Jun 2020 16:30

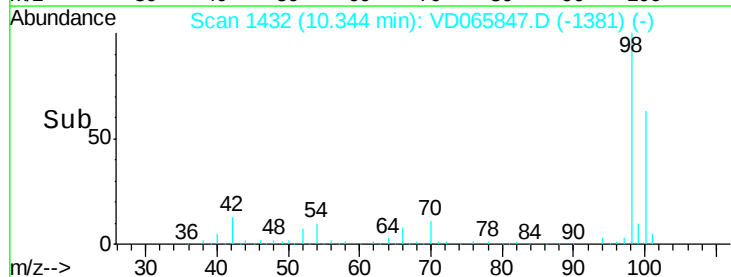
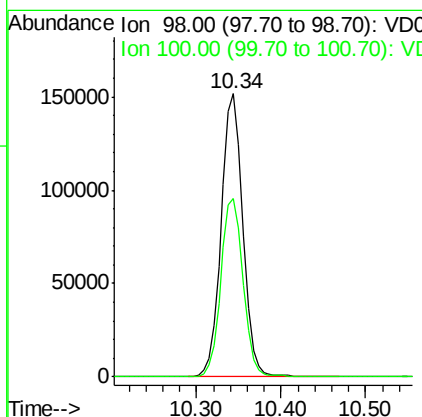
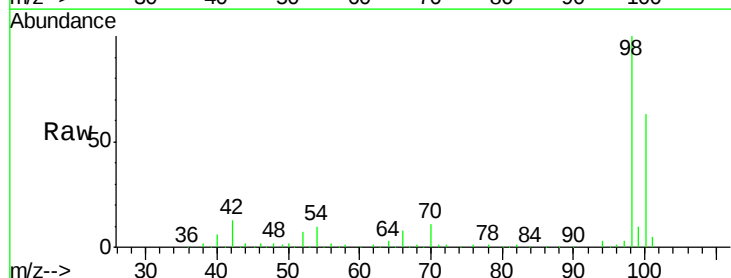
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9

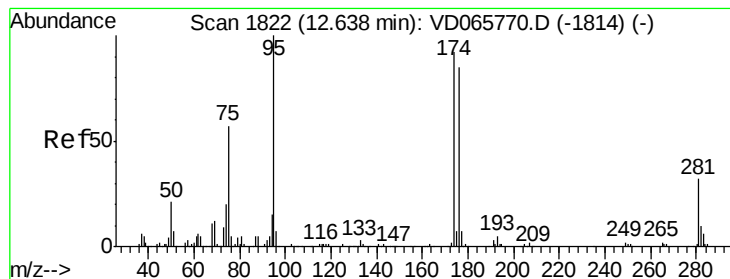
Tot Ion:113 Resp: 77213
 Ion Ratio Lower Upper
 113 100
 111 105.2 83.4 125.0
 192 19.0 15.7 23.5



#50
 Toluene-d8
 Concen: 43.716 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065847.D
 Acq: 22 Jun 2020 16:30

Tgt Ion: 98 Resp: 269471
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 41.034 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065847.D

Acq: 22 Jun 2020 16:30

Instrument :

MSVOA_D

ClientSampleId :

SB-9

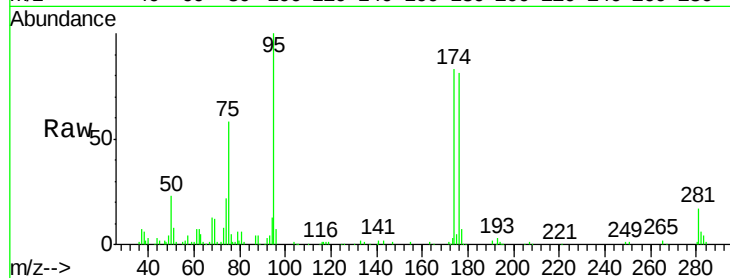
Tot Ion: 95 Resp: 85779

Ion Ratio Lower Upper

95 100

174 79.8 0.0 175.2

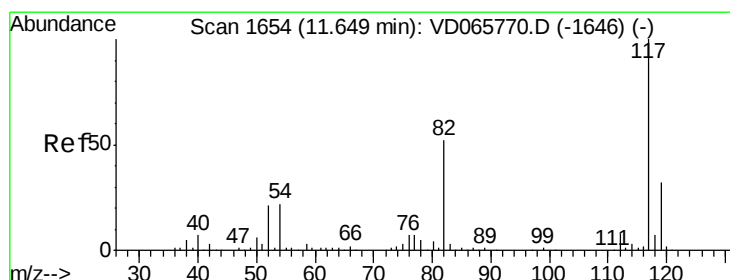
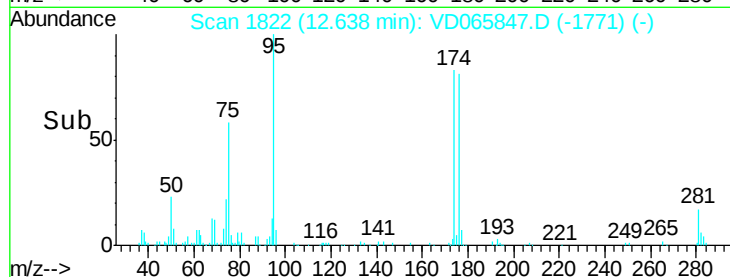
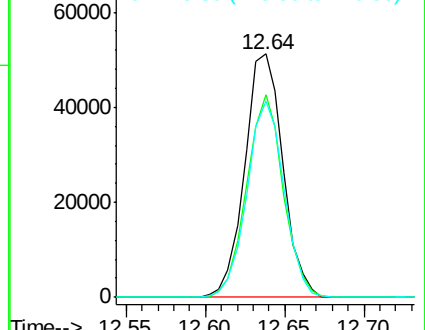
176 78.2 0.0 163.0



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: VD065847.D

Acq: 22 Jun 2020 16:30

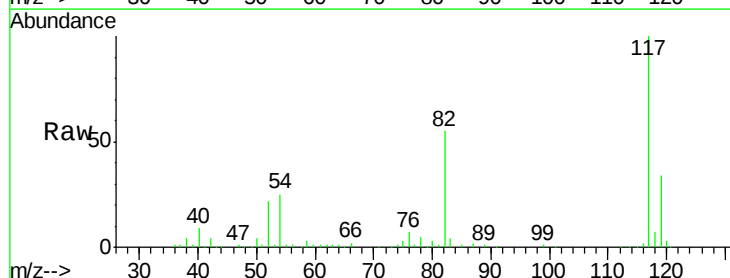
Tgt Ion: 117 Resp: 233825

Ion Ratio Lower Upper

117 100

82 55.0 41.9 62.9

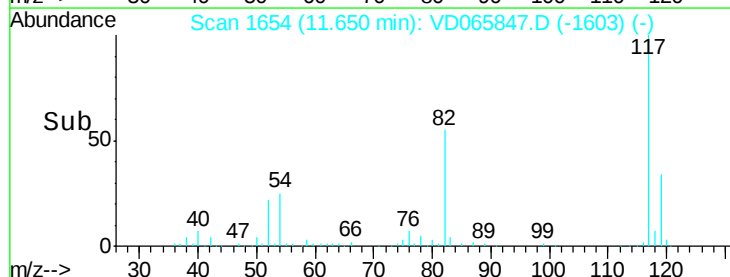
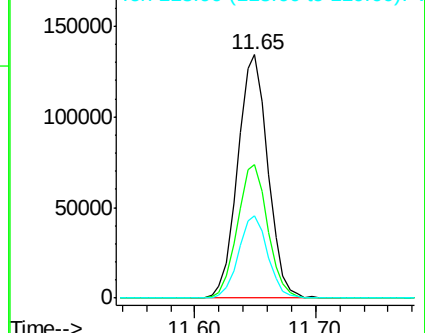
119 33.8 25.3 37.9

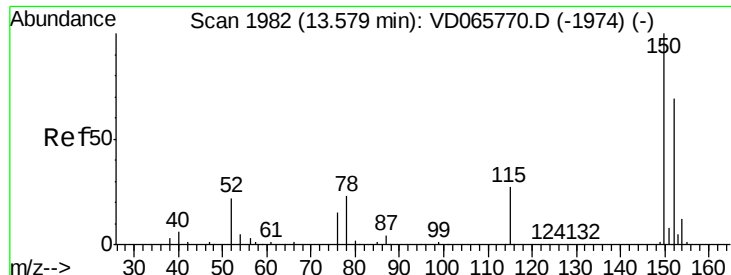


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. 0.00 min

Lab File: VD065847.D

Acq: 22 Jun 2020 16:30

Instrument :

MSVOA_D

ClientSampleId :

SB-9

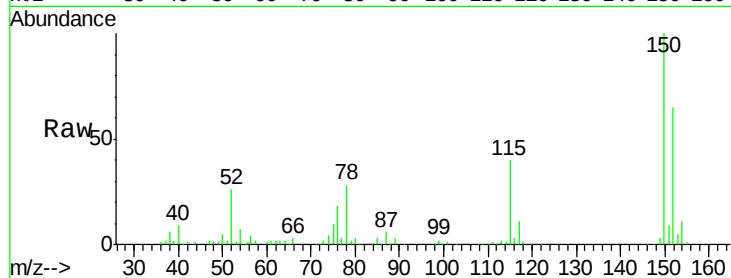
Tot Ion:152 Resp: 101099

Ion Ratio Lower Upper

152 100

115 61.2 28.7 86.1

150 156.2 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

