

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065870.D
 Acq On : 23 Jun 2020 19:46
 Operator : VA/SY
 Sample : L3082-12
 Misc : 4.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13

Quant Time: Jun 24 06:20:19 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

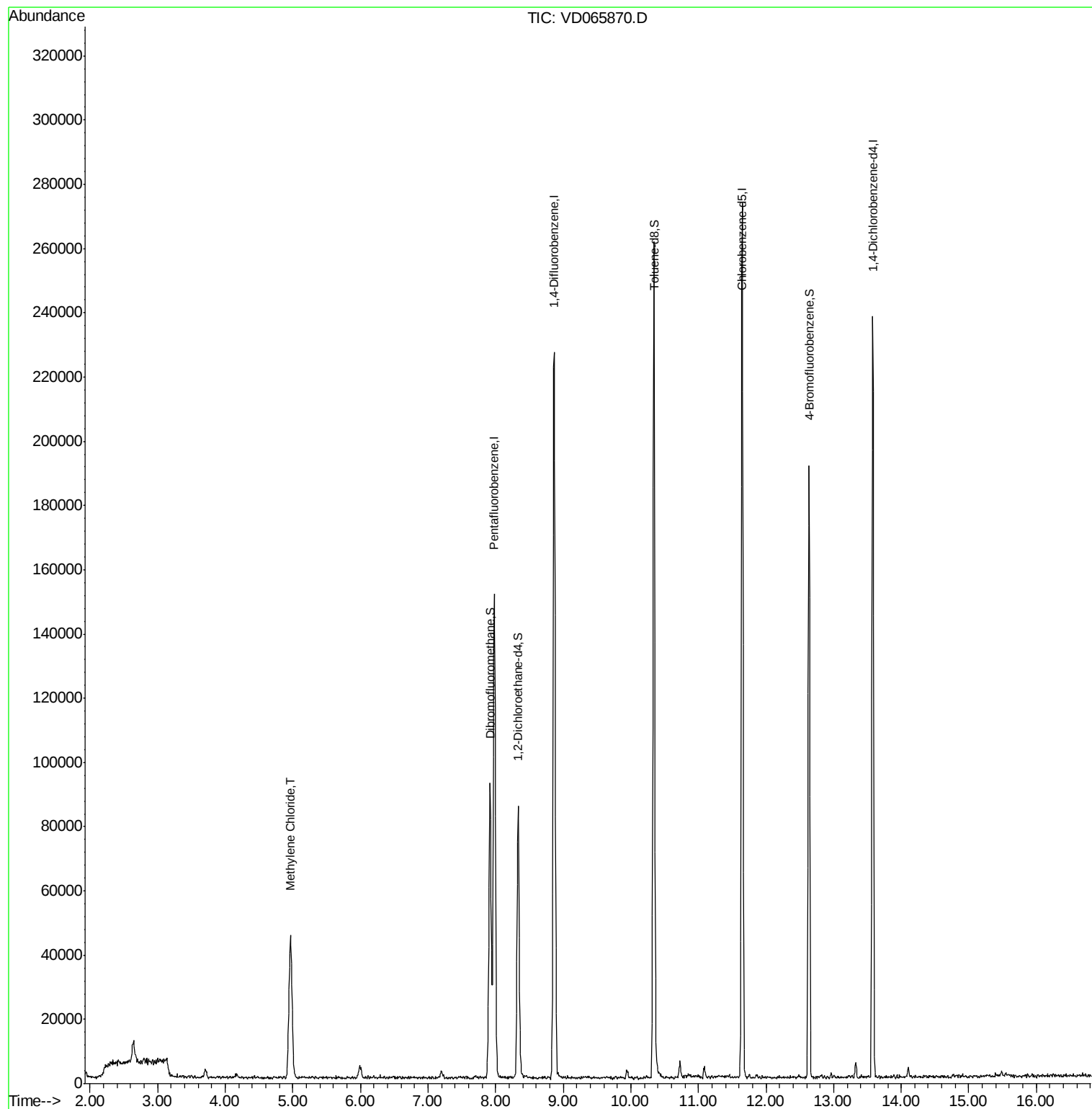
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	104647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	187745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	145024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	57958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	65951	63.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.56%	
35) Dibromofluoromethane	7.92	113	64945	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
50) Toluene-d8	10.34	98	172187	38.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.88%	
62) 4-Bromofluorobenzene	12.64	95	54446	36.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.60%	
Target Compounds						
20) Methylene Chloride	4.96	84	32305	29.348	ug/l	Qvalue 99

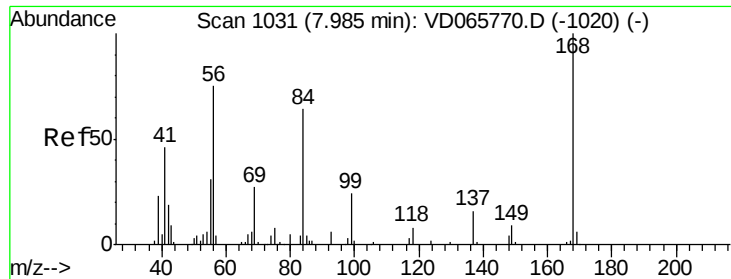
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065870.D

Acq: 23 Jun 2020 19:46

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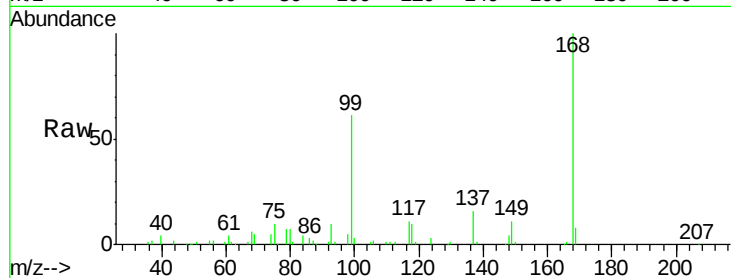
SB-13

Tot Ion:168 Resp: 104647

Ion Ratio Lower Upper

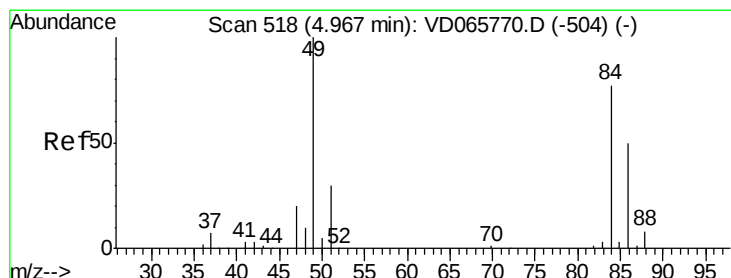
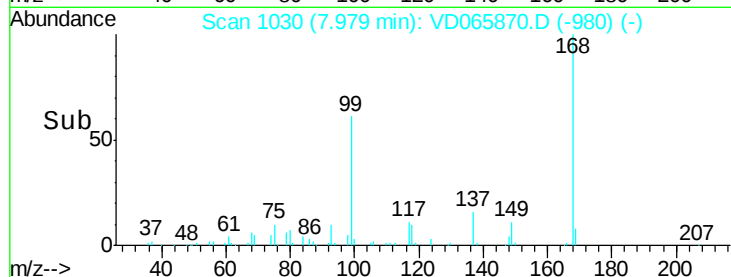
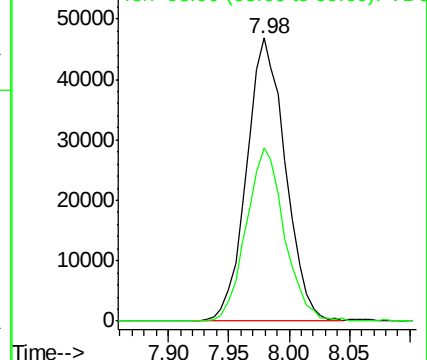
168 100

99 61.2 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: 29.348 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065870.D

Acq: 23 Jun 2020 19:46

Tgt Ion: 84 Resp: 32305

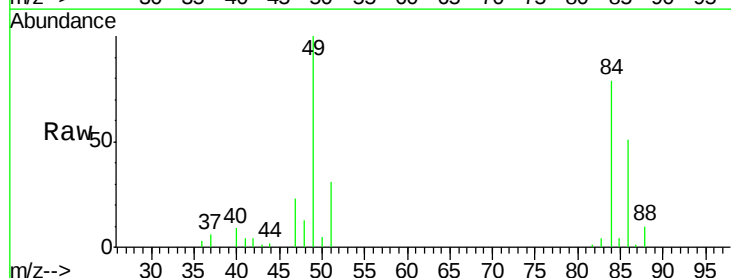
Ion Ratio Lower Upper

84 100

49 127.3 103.4 155.0

51 39.7 31.4 47.2

86 65.1 51.7 77.5

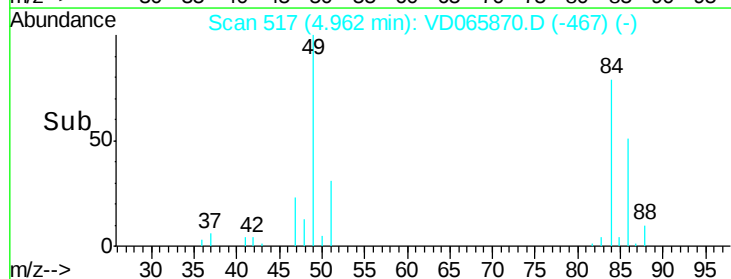
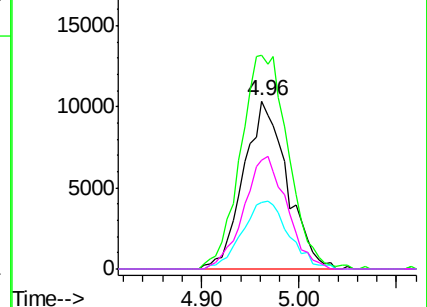


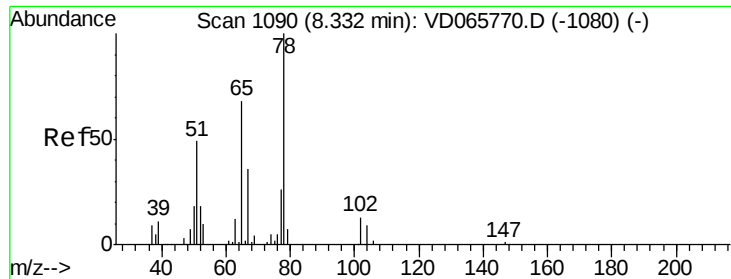
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

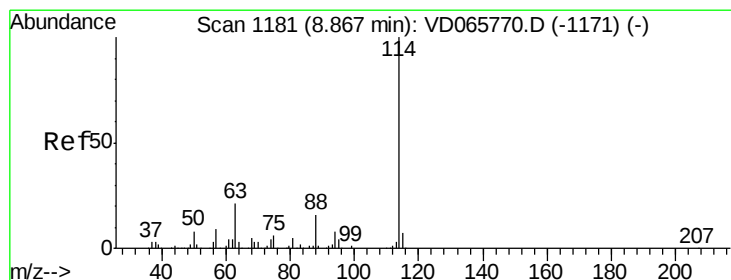
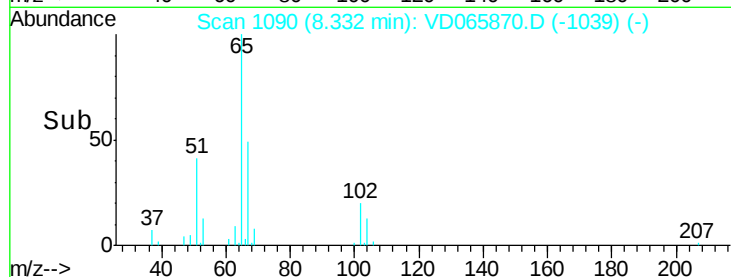
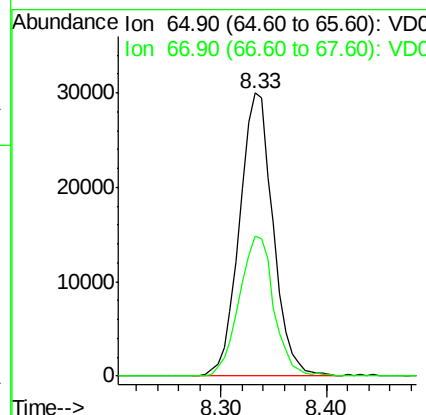
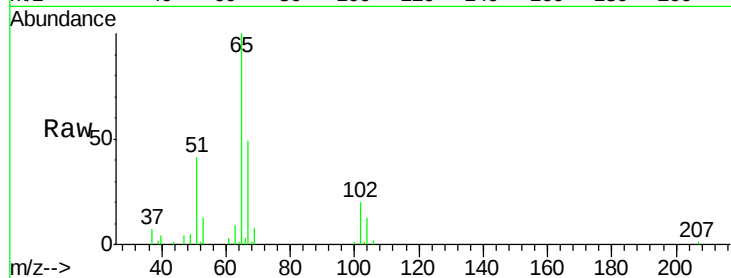




#33
 1,2-Dichloroethane-d4
 Concen: 63.779 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065870.D
 Acq: 23 Jun 2020 19:46

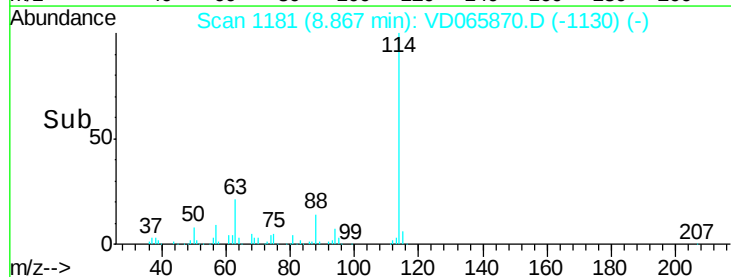
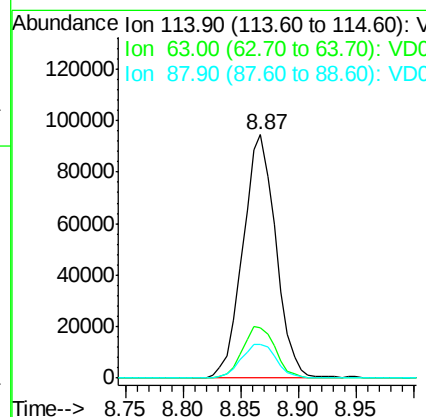
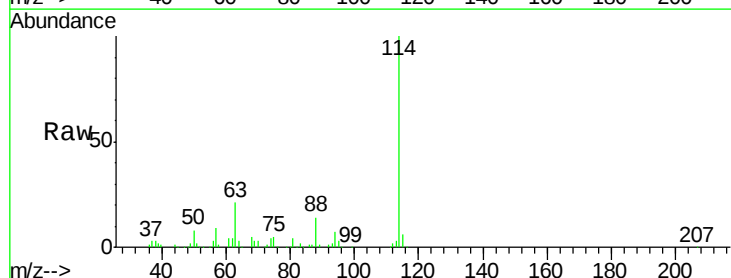
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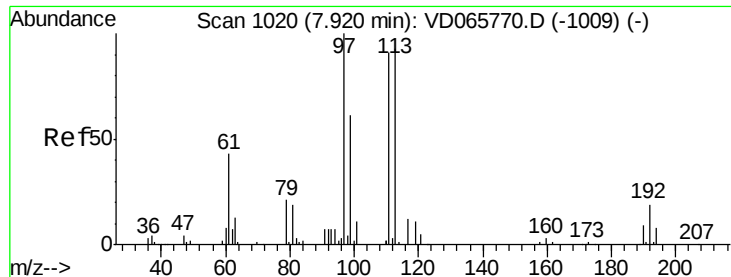
Tot Ion: 65 Resp: 65951
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065870.D
 Acq: 23 Jun 2020 19:46

Tgt Ion: 114 Resp: 187745
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.8
 88 13.7 0.0 32.0

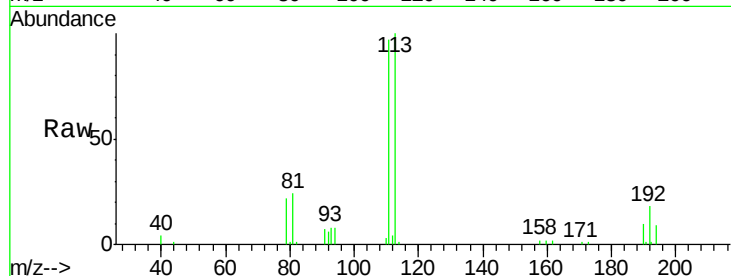




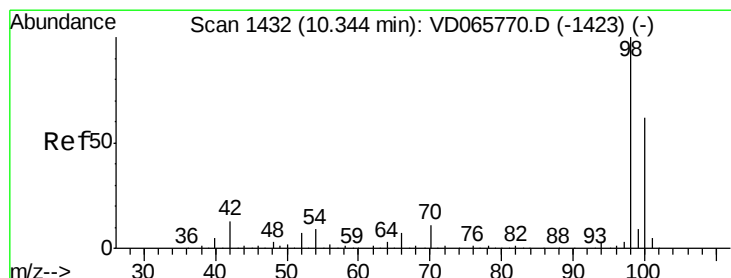
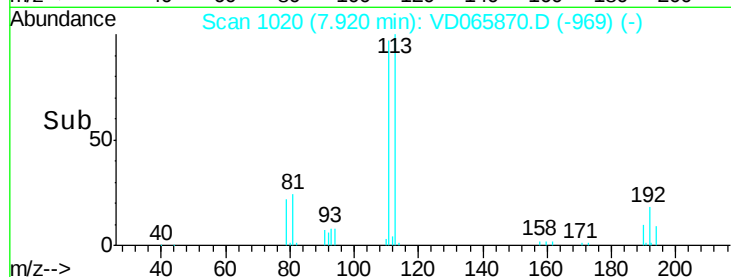
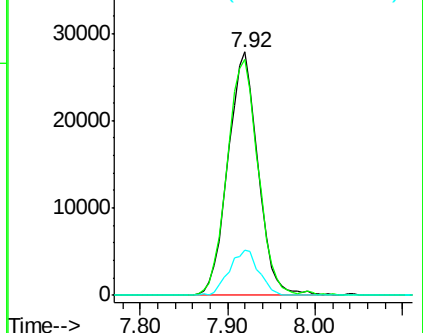
#35
 Dibromofluoromethane
 Concen: 54.764 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065870.D
 Acq: 23 Jun 2020 19:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13

Tot Ion:113 Resp: 64945
 Ion Ratio Lower Upper
 113 100
 111 99.9 83.4 125.0
 192 18.1 15.7 23.5

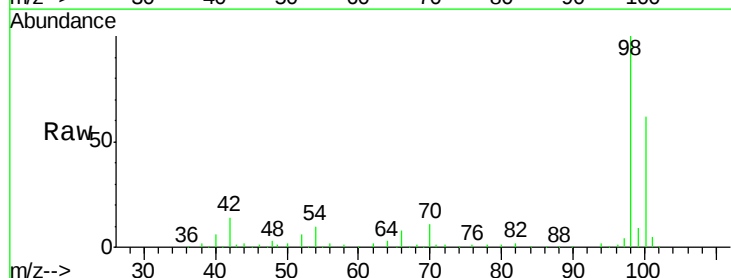


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

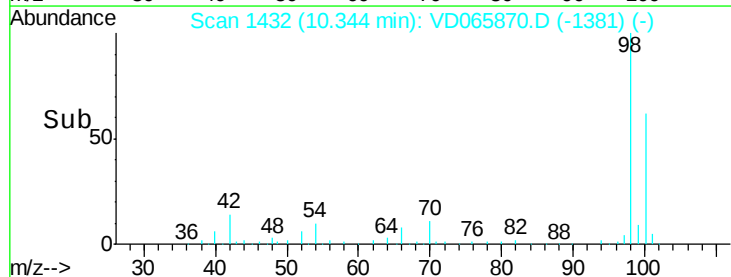
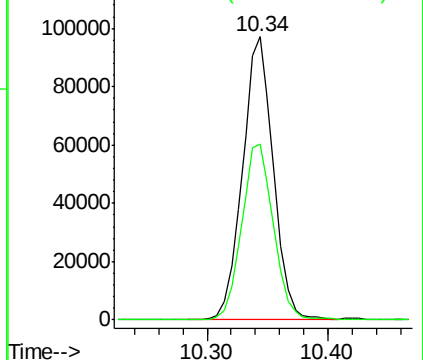


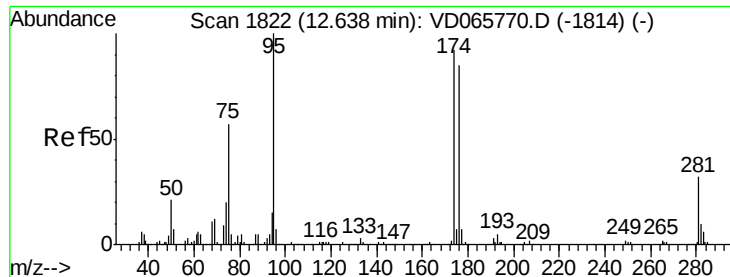
#50
 Toluene-d8
 Concen: 38.938 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065870.D
 Acq: 23 Jun 2020 19:46

Tgt Ion: 98 Resp: 172187
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

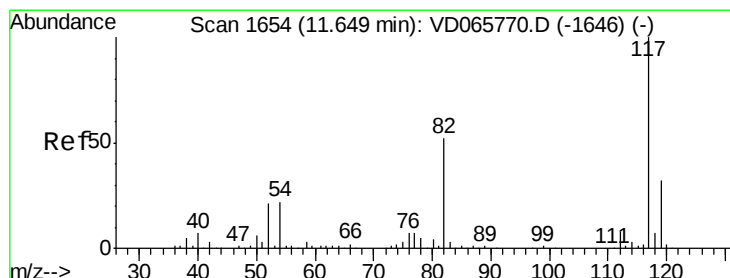
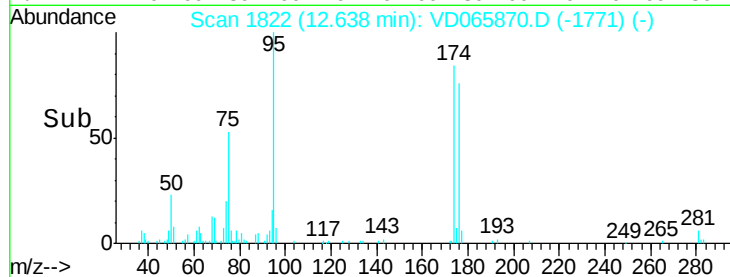
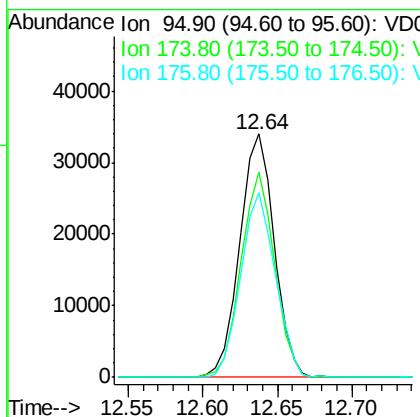
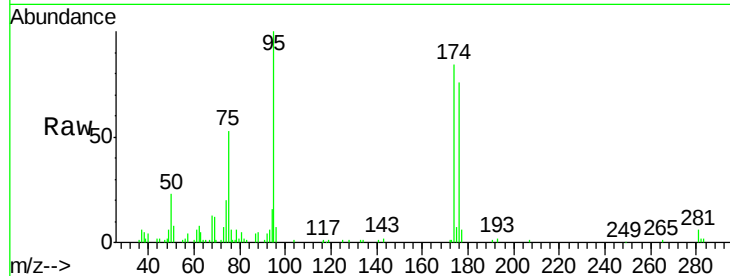




#62
4-Bromofluorobenzene
Concen: 36.305 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065870.D
Acq: 23 Jun 2020 19:46

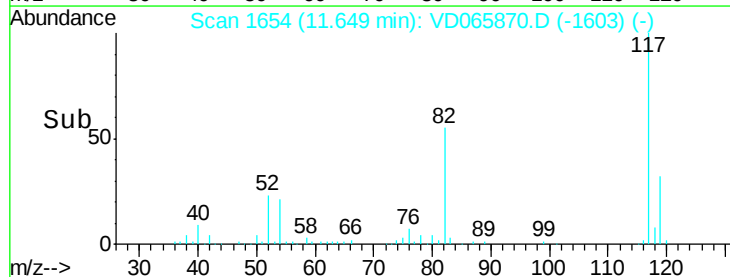
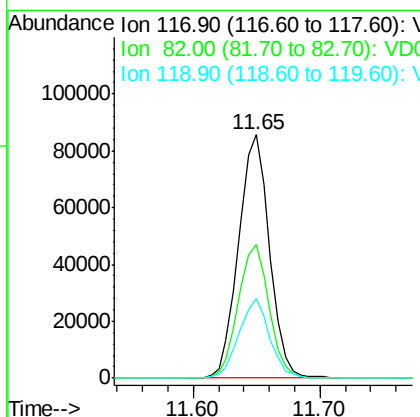
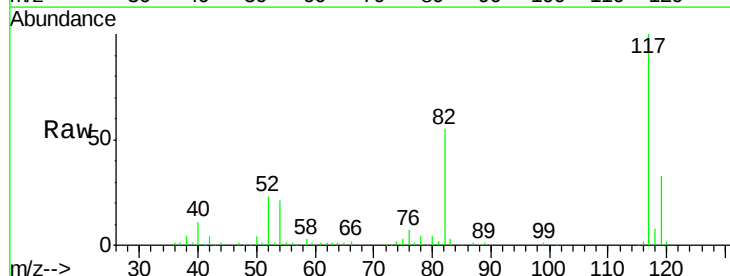
Instrument :
MSVOA_D
ClientSampleId :
SB-13

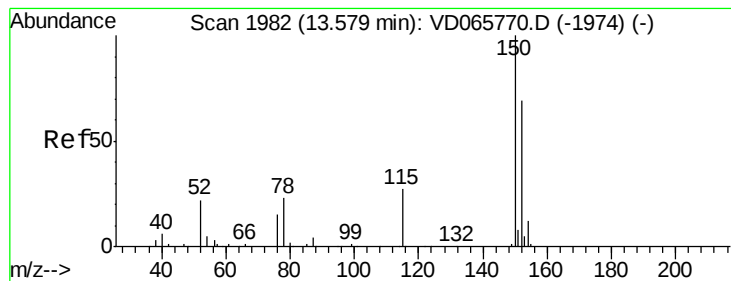
Tot Ion: 95 Resp: 54446
Ion Ratio Lower Upper
95 100
174 82.2 0.0 175.2
176 76.2 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065870.D
Acq: 23 Jun 2020 19:46

Tgt Ion: 117 Resp: 145024
Ion Ratio Lower Upper
117 100
82 54.7 41.9 62.9
119 32.6 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: VD065870.D

Acq: 23 Jun 2020 19:46

Instrument :

MSVOA_D

ClientSampleId :

SB-13

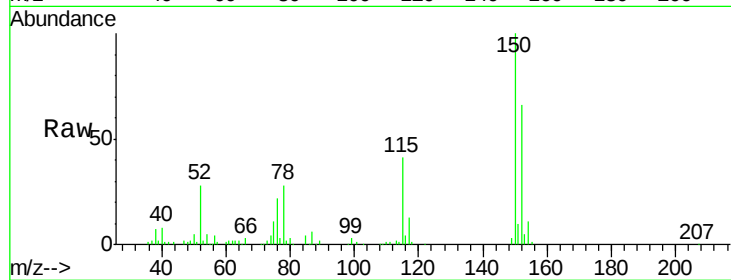
Tot Ion:152 Resp: 57958

Ion Ratio Lower Upper

152 100

115 60.0 28.7 86.1

150 156.0 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

