

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065840.D
 Acq On : 19 Jun 2020 20:29
 Operator : VA/SY
 Sample : L3035-16
 Misc : 7.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2-SP-3-5

Quant Time: Jun 20 02:49:34 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	132184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	236839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	201870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	74763	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	65943	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	7.91	113	69300	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	10.34	98	246637	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
62) 4-Bromofluorobenzene	12.64	95	64075	33.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.74%	

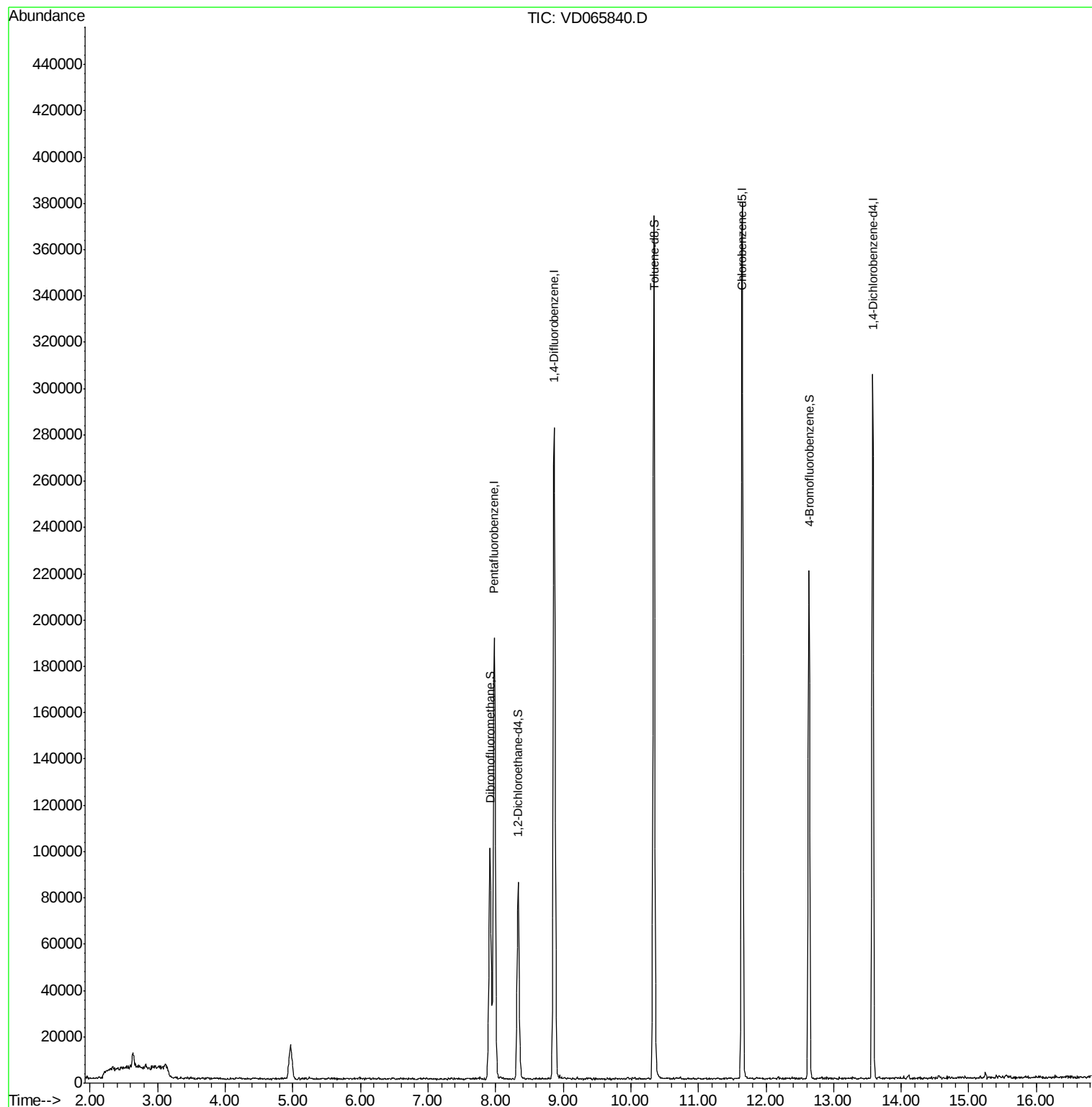
Target Compounds	Qvalue

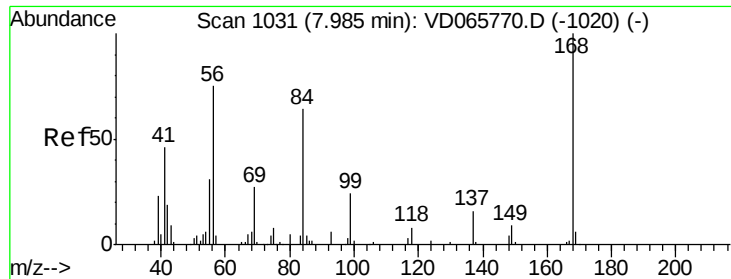
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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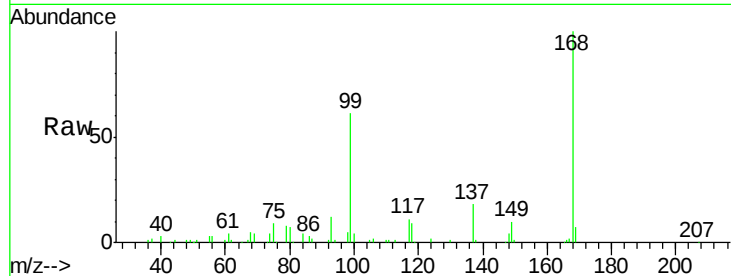




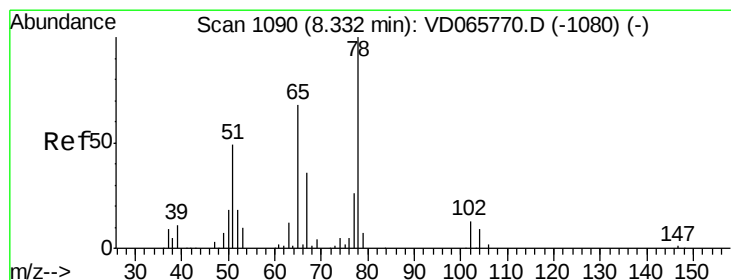
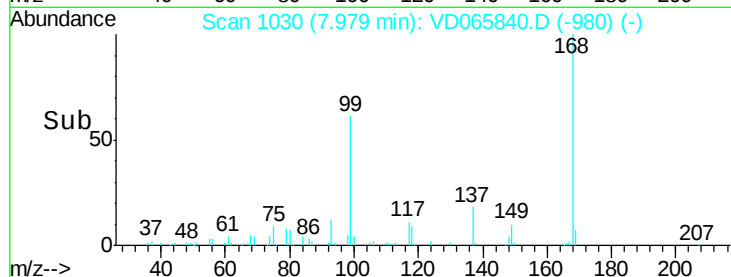
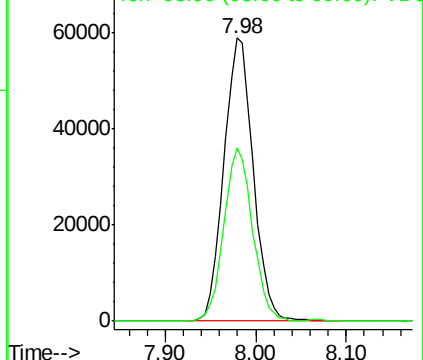
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065840.D
Acq: 19 Jun 2020 20:29

Instrument :
MSVOA_D
ClientSampleId :
2-SP-3-5

Tot Ion:168 Resp: 132184
Ion Ratio Lower Upper
168 100
99 61.3 45.3 67.9

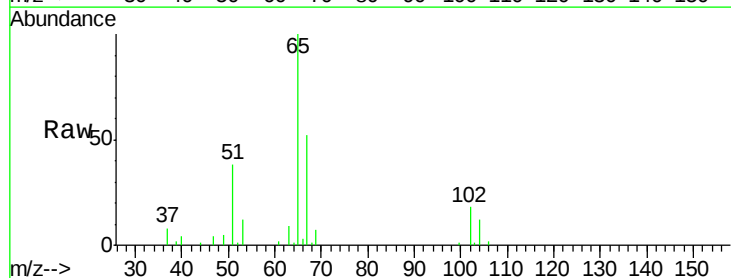


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

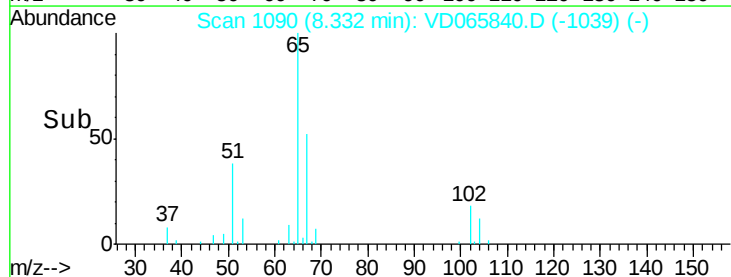
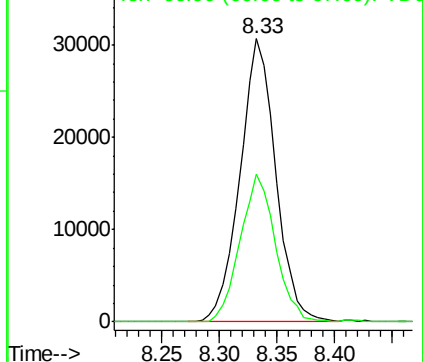


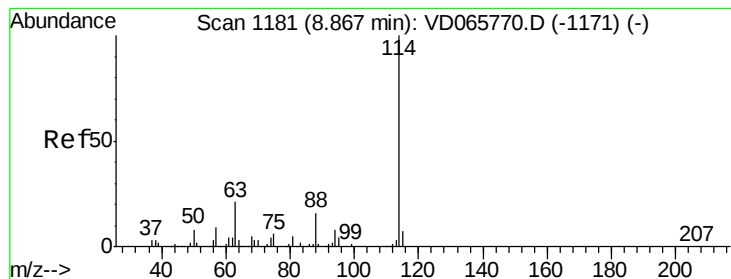
#33
1,2-Dichloroethane-d4
Concen: 50.486 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065840.D
Acq: 19 Jun 2020 20:29

Tgt Ion: 65 Resp: 65943
Ion Ratio Lower Upper
65 100
67 51.4 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: VD065840.D

Acq: 19 Jun 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

2-SP-3-5

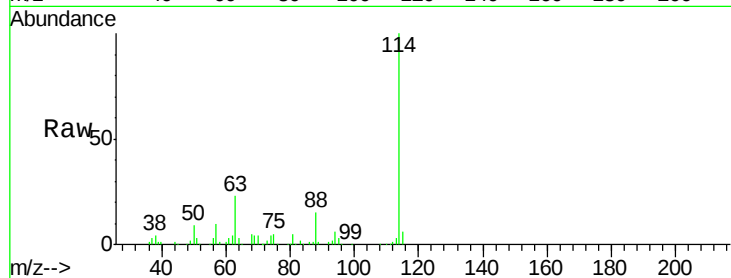
Tot Ion:114 Resp: 236839

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

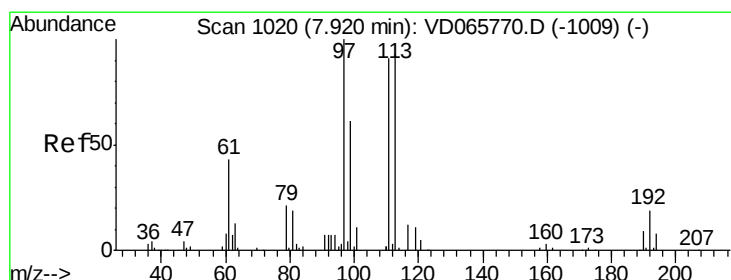
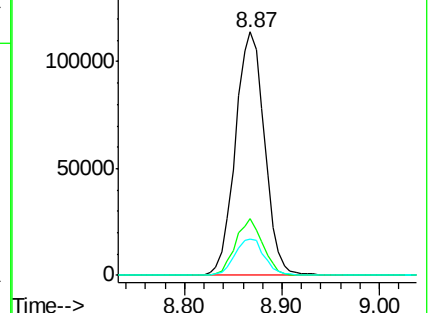
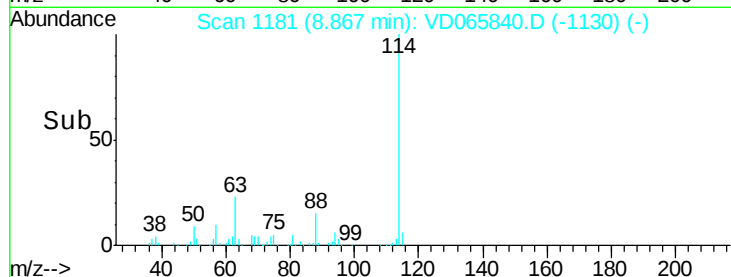
88 15.0 0.0 32.0



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: 46.323 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065840.D

Acq: 19 Jun 2020 20:29

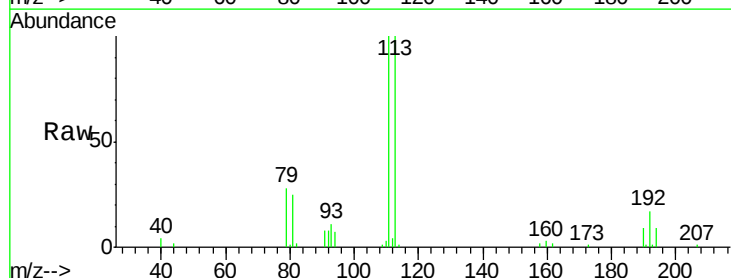
Tgt Ion:113 Resp: 69300

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

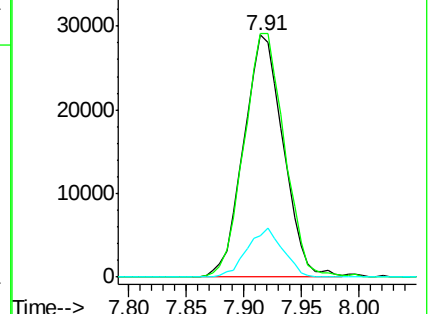
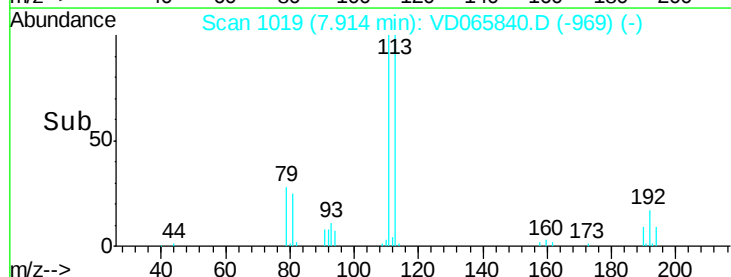
192 18.3 15.7 23.5

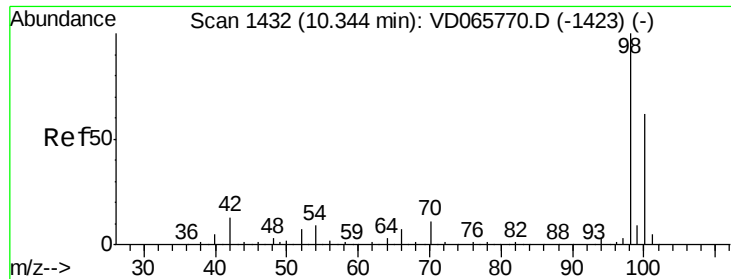


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

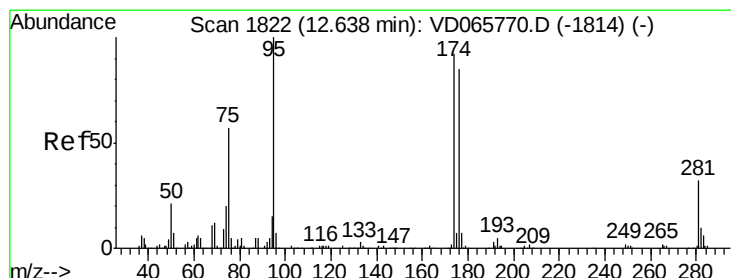
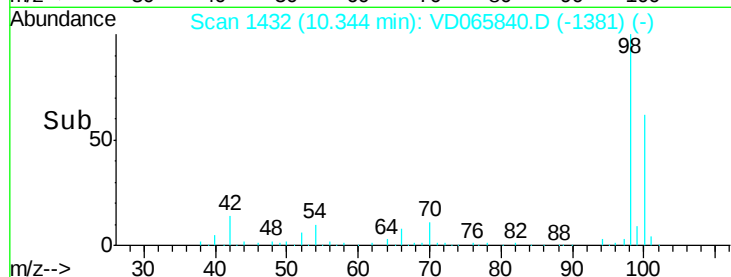
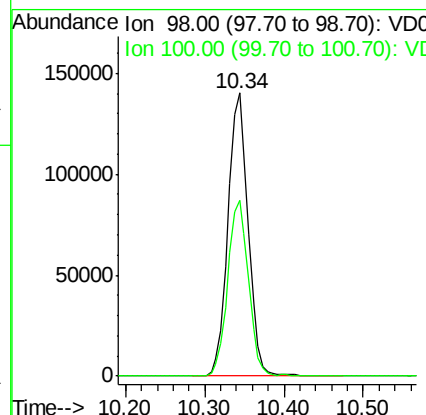
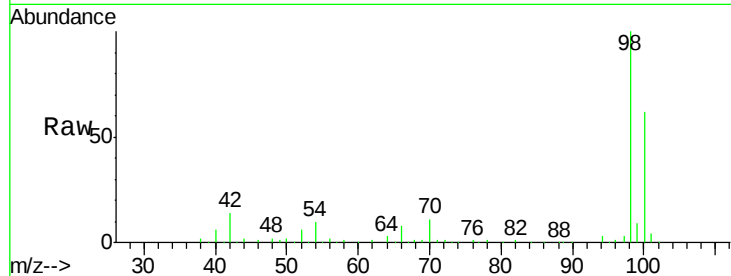




#50
Toluene-d8
Concen: 44.212 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065840.D
Acq: 19 Jun 2020 20:29

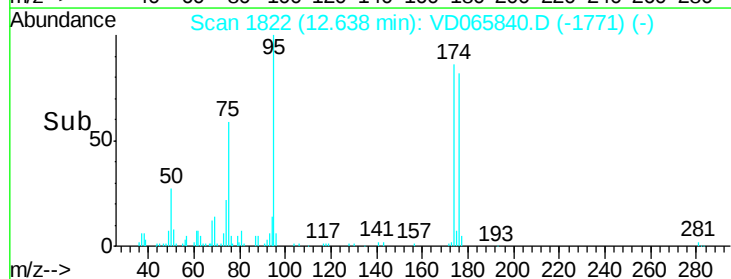
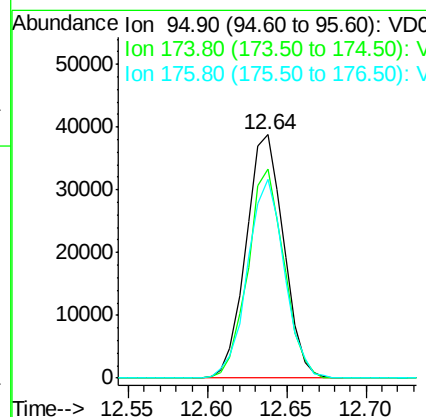
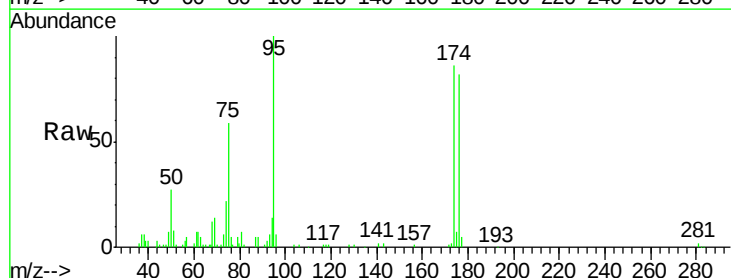
Instrument :
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2-SP-3-5

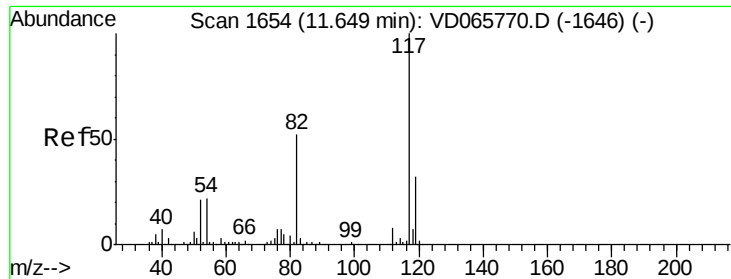
Tot Ion: 98 Resp: 246637
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 33.869 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065840.D
Acq: 19 Jun 2020 20:29

Tgt Ion: 95 Resp: 64075
Ion Ratio Lower Upper
95 100
174 82.4 0.0 175.2
176 80.2 0.0 163.0

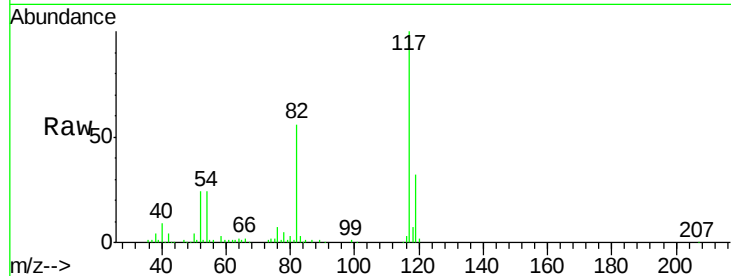




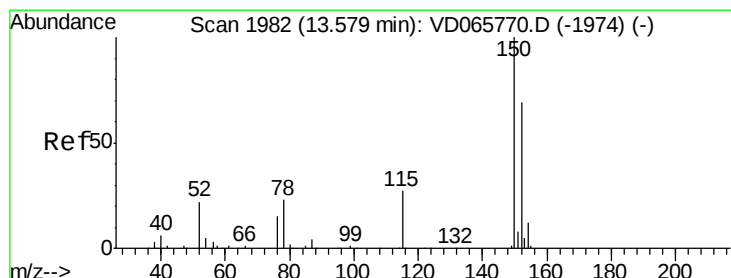
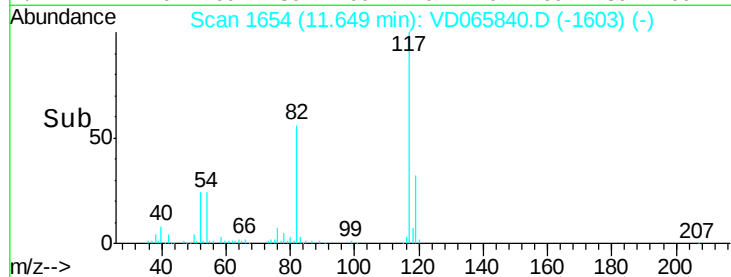
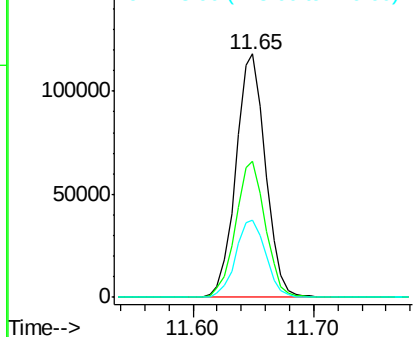
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065840.D
Acq: 19 Jun 2020 20:29

Instrument :
MSVOA_D
ClientSampleId :
2-SP-3-5

Tot Ion:117 Resp: 201870
Ion Ratio Lower Upper
117 100
82 55.9 41.9 62.9
119 31.7 25.3 37.9

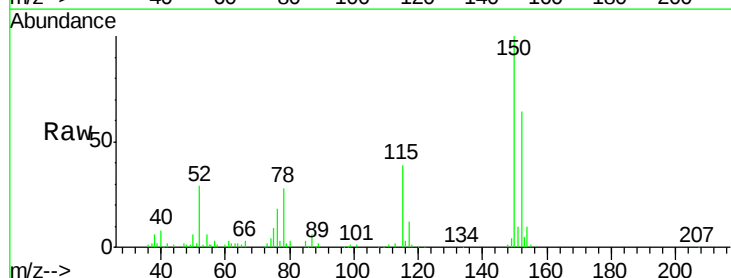


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065840.D
Acq: 19 Jun 2020 20:29

Tgt Ion:152 Resp: 74763
Ion Ratio Lower Upper
152 100
115 60.2 28.7 86.1
150 158.1 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

