

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065911.D
 Acq On : 01 Jul 2020 17:36
 Operator : VA/SY
 Sample : L3172-12
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-SS

Quant Time: Jul 02 05:41:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

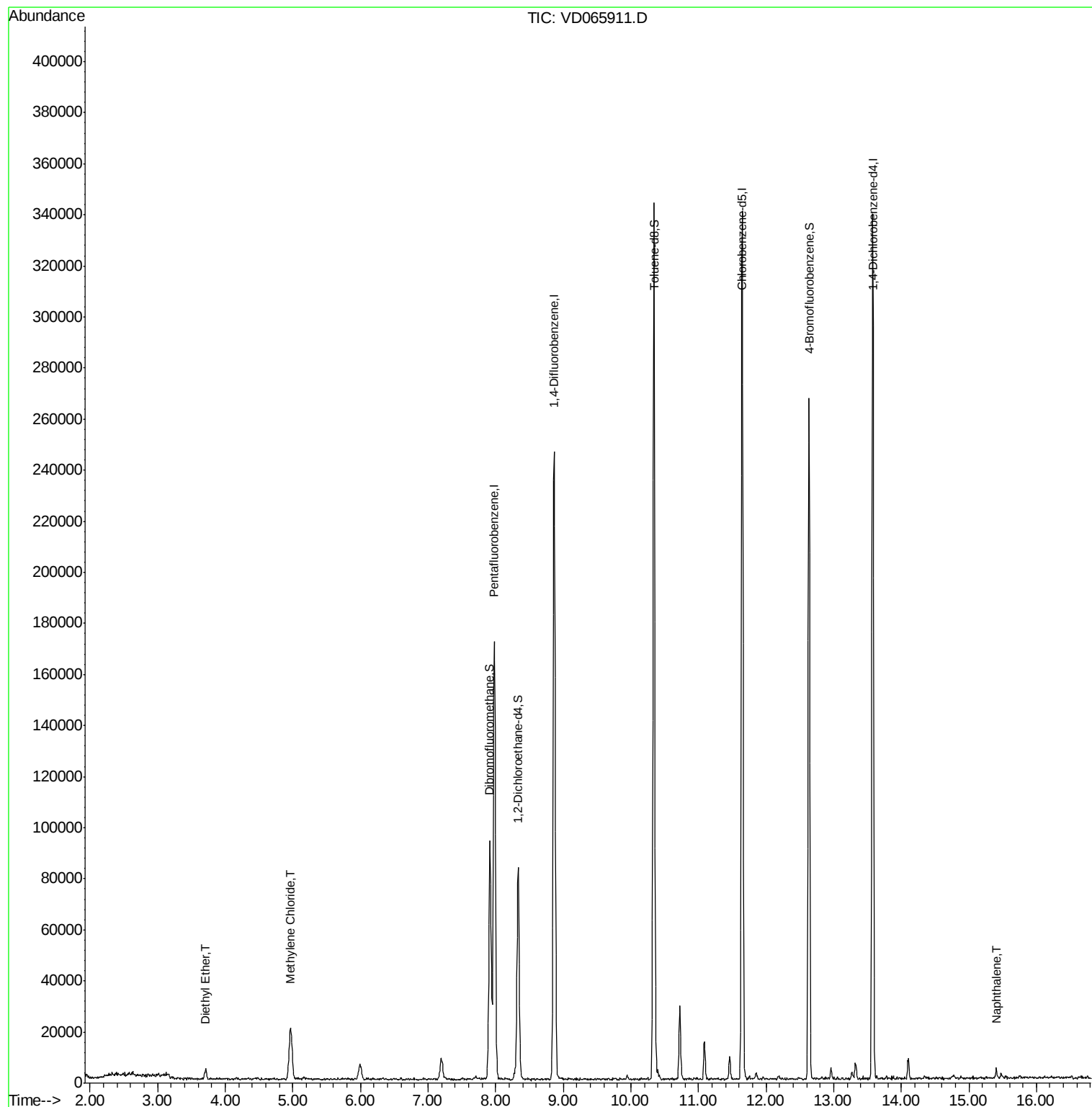
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	121964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	210403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	189714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	85529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	68316	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
35) Dibromofluoromethane	7.91	113	64753	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.34	98	225062	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.64	95	73040	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
8) Diethyl Ether	3.71	74	2108	3.538	ug/l	89
20) Methylene Chloride	4.97	84	15677	7.498	ug/l	84
95) Naphthalene	15.41	128	3349	1.255	ug/l #	88

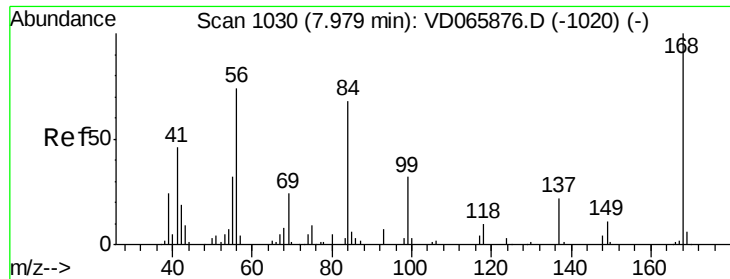
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065911.D

Acq: 01 Jul 2020 17:36

Instrument :

MSVOA_D

ClientSampleId :

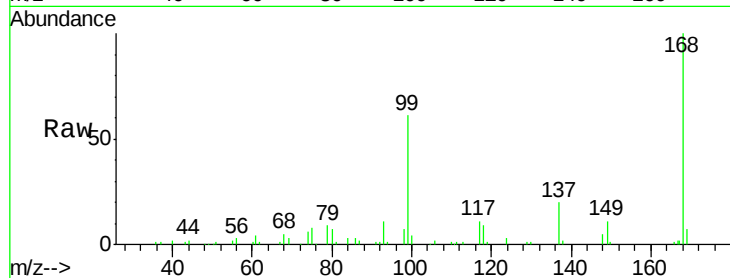
TP5-SS

Tot Ion:168 Resp: 121964

Ion Ratio Lower Upper

168 100

99 61.4 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

50000

40000

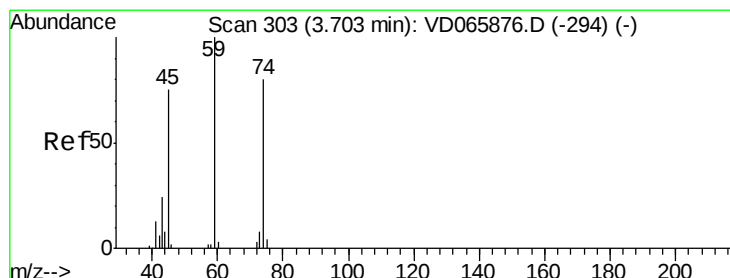
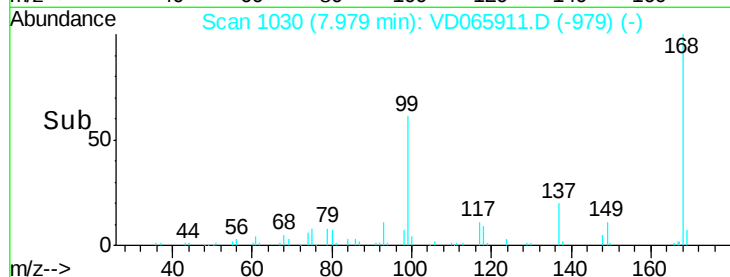
30000

20000

10000

0

Time-->



#8

Diethyl Ether

Concen: 3.538 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD065911.D

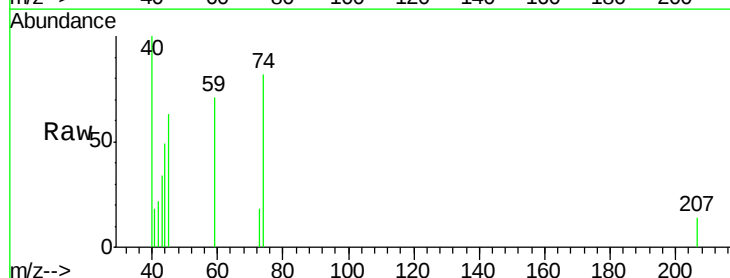
Acq: 01 Jul 2020 17:36

Tgt Ion: 74 Resp: 2108

Ion Ratio Lower Upper

74 100

45 86.8 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

1200

1000

800

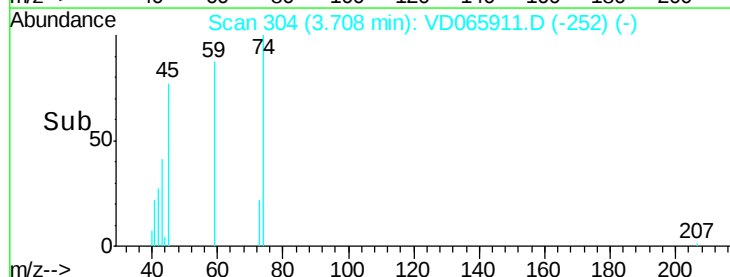
600

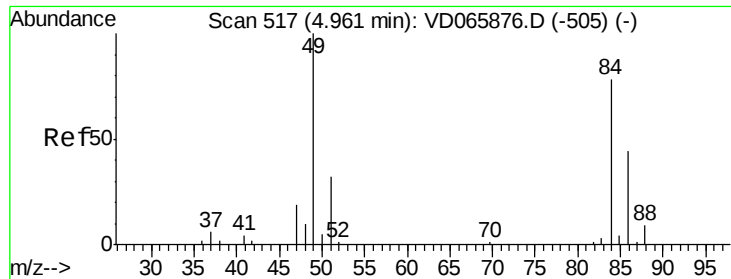
400

200

0

Time-->

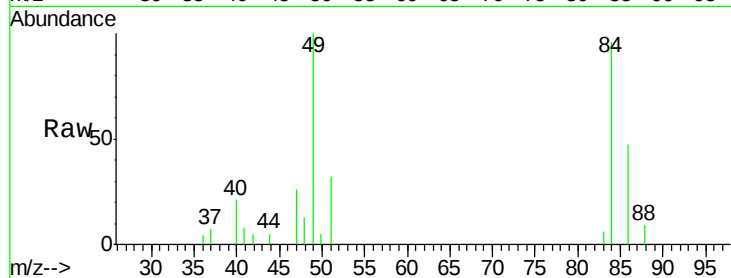




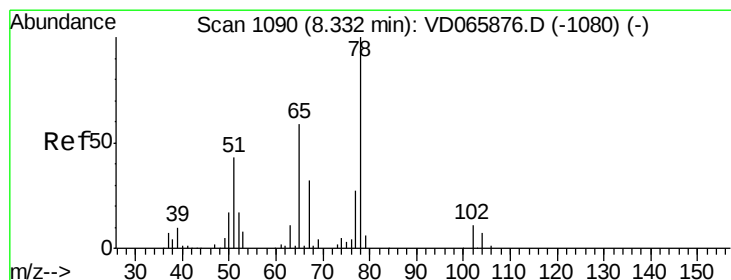
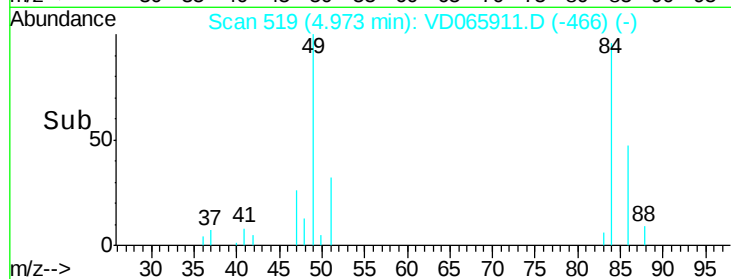
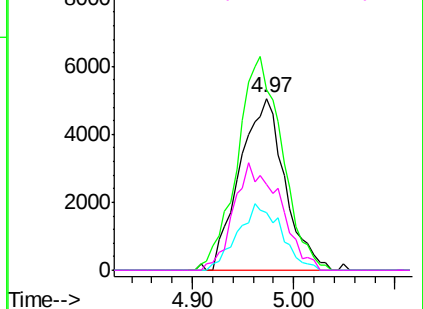
#20
Methvlene Chloride
Concen: 7.498 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

Tot Ion: 84 Resp: 15677
Ion Ratio Lower Upper
84 100
49 104.7 103.0 154.6
51 33.3 32.7 49.1
86 49.7 44.9 67.3

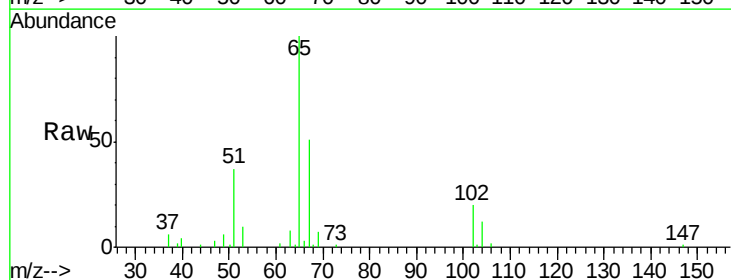


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

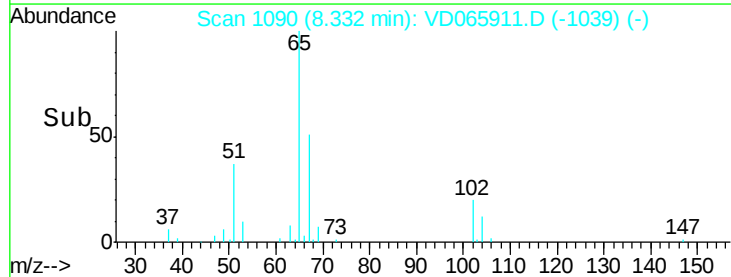
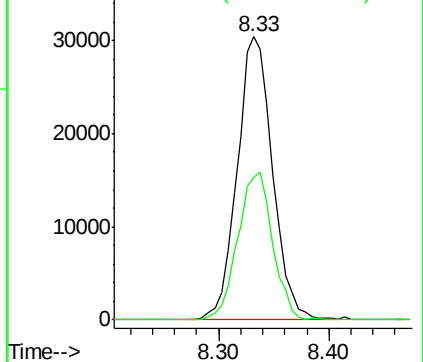


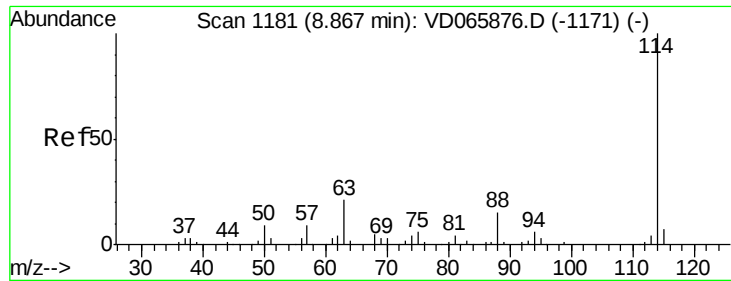
#33
1,2-Dichloroethane-d4
Concen: 53.916 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt Ion: 65 Resp: 68316
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

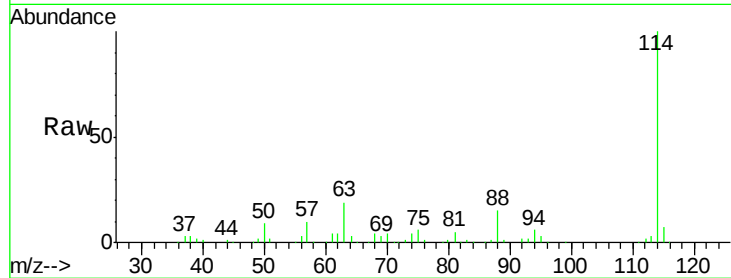




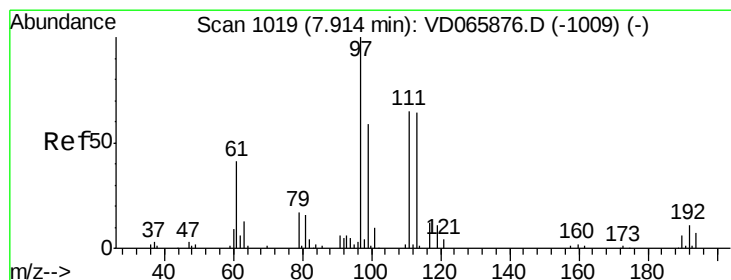
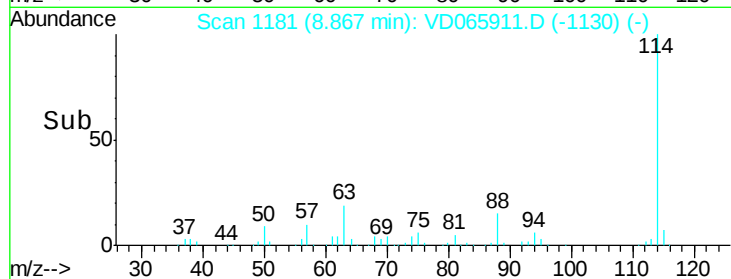
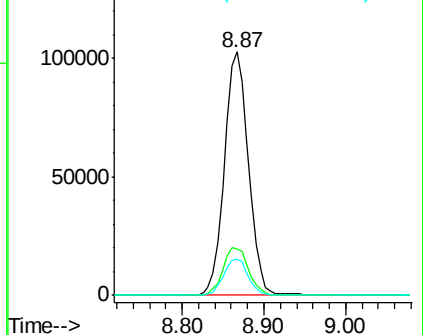
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

Tot Ion:114 Resp: 210403
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.6
88 14.8 0.0 29.0

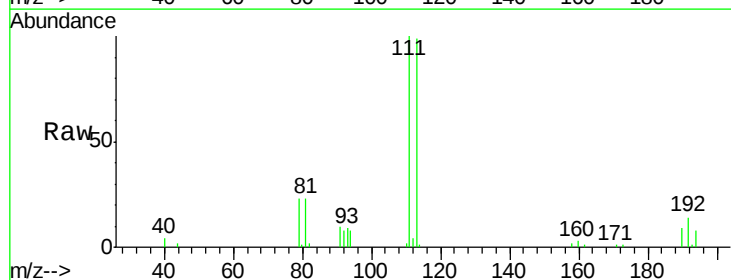


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

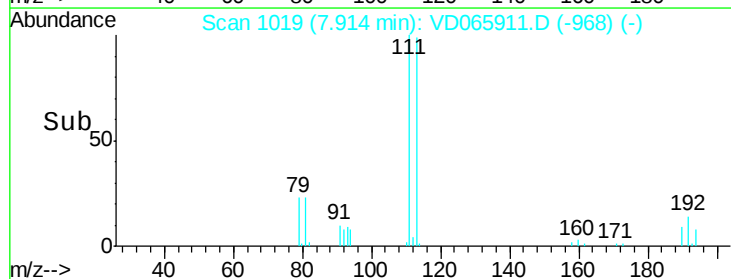
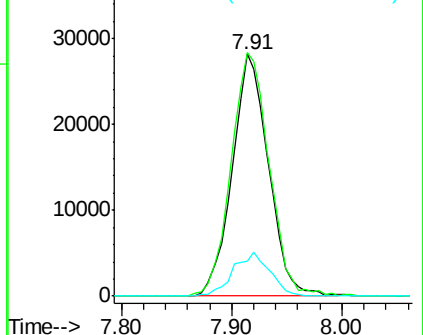


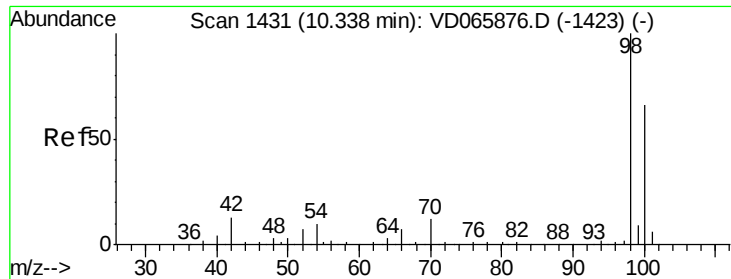
#35
Dibromofluoromethane
Concen: 49.790 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt Ion:113 Resp: 64753
Ion Ratio Lower Upper
113 100
111 105.7 81.0 121.6
192 18.3 15.2 22.8



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

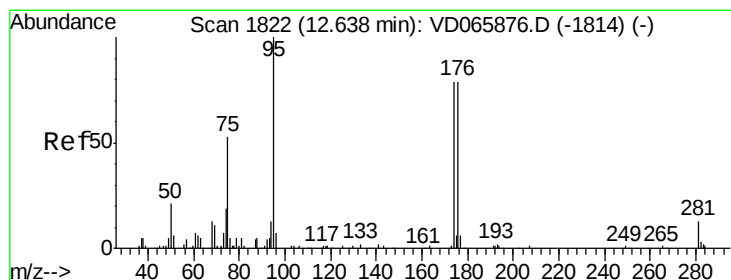
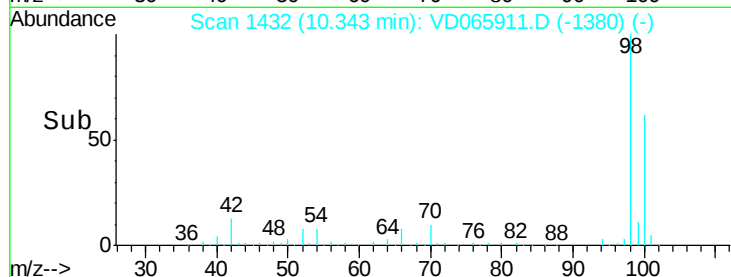
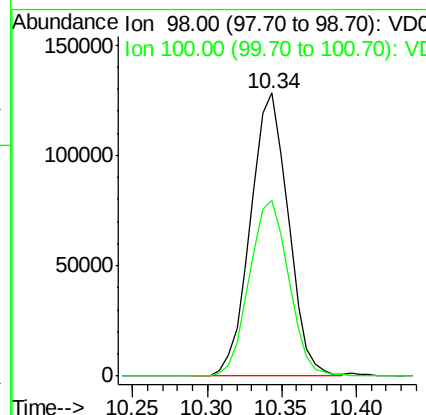
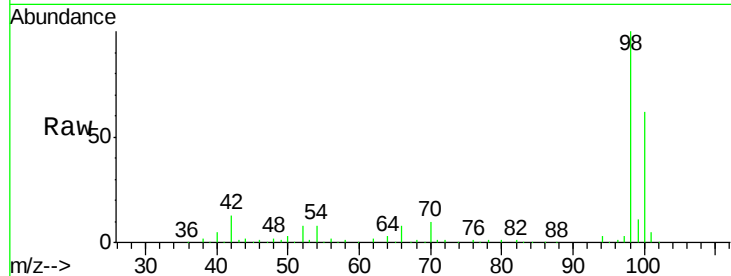




#50
Toluene-d8
Concen: 46.005 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

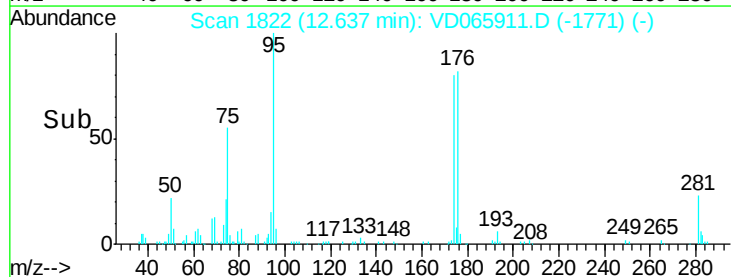
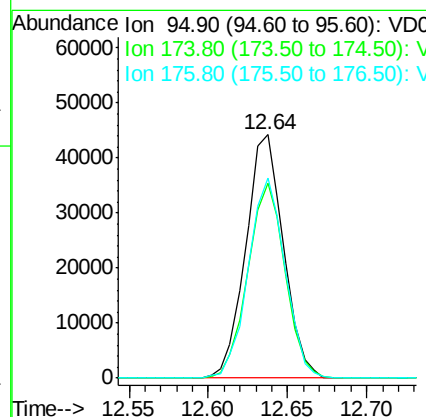
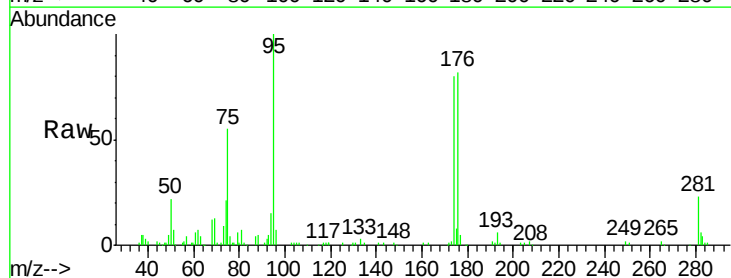
Instrument :
MSVOA_D
ClientSampled :
TP5-SS

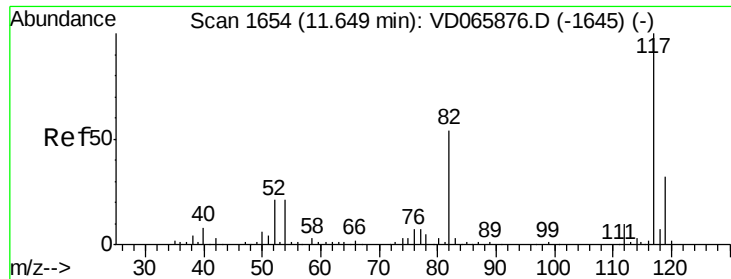
Tot Ion: 98 Resp: 225062
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.574 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt Ion: 95 Resp: 73040
Ion Ratio Lower Upper
95 100
174 79.2 0.0 158.4
176 80.2 0.0 156.0

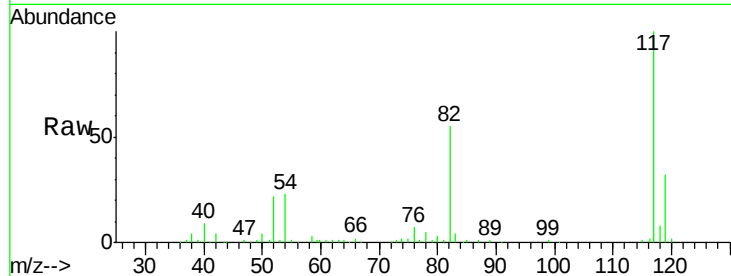




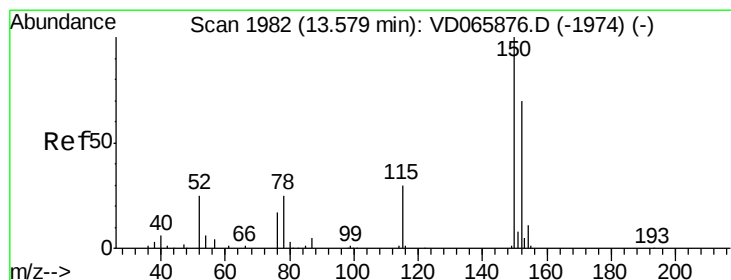
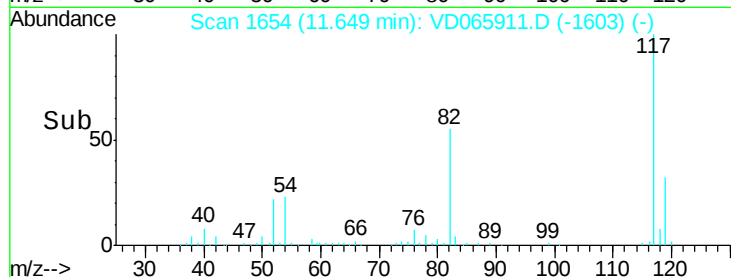
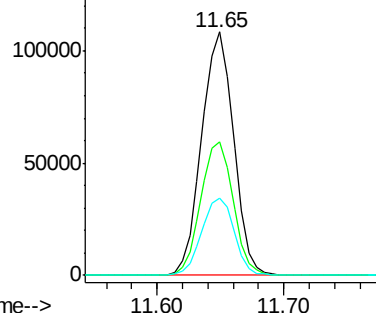
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

Tot Ion:117 Resp: 189714
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 31.5 25.9 38.9

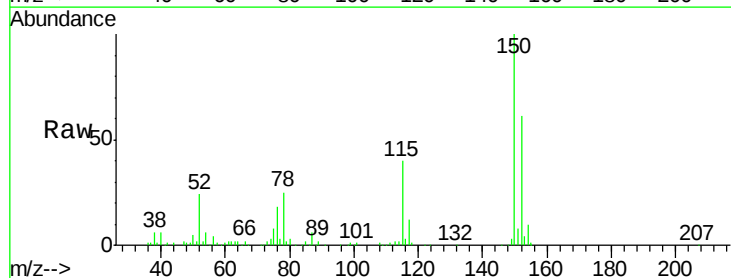


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

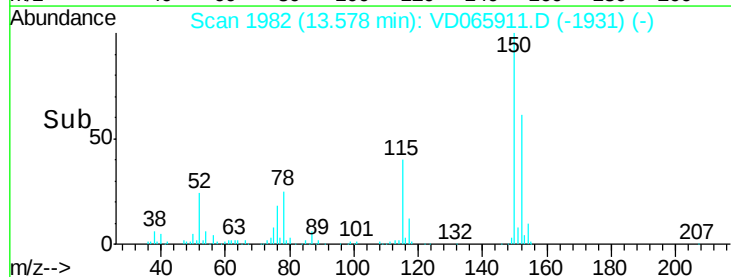
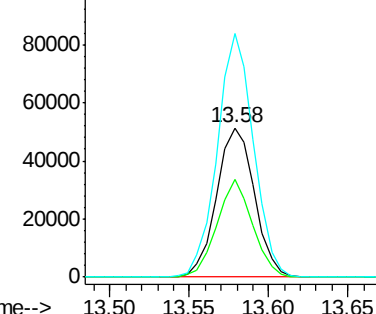


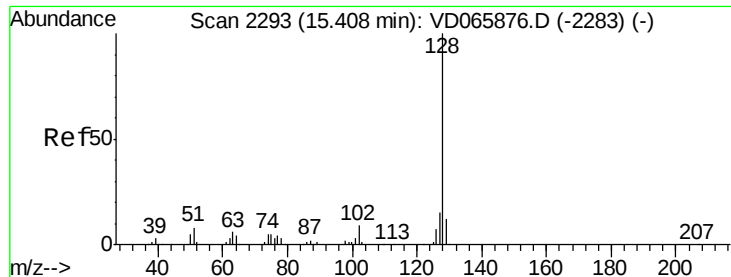
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt Ion:152 Resp: 85529
Ion Ratio Lower Upper
152 100
115 61.0 29.7 89.1
150 155.4 0.0 346.2



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

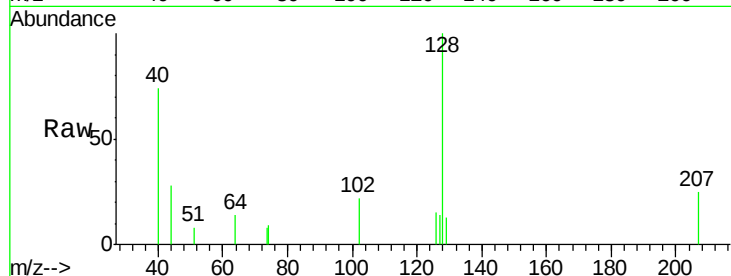




#95
Naphthalene
Concen: 1.255 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

Tot Ion:128 Resp: 3349
Ion Ratio Lower Upper
128 100
127 7.3 10.8 16.2#
129 8.3 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

