

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065912.D
 Acq On : 01 Jul 2020 18:03
 Operator : VA/SY
 Sample : L3172-14
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP6-SS

Quant Time: Jul 02 08:23:05 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

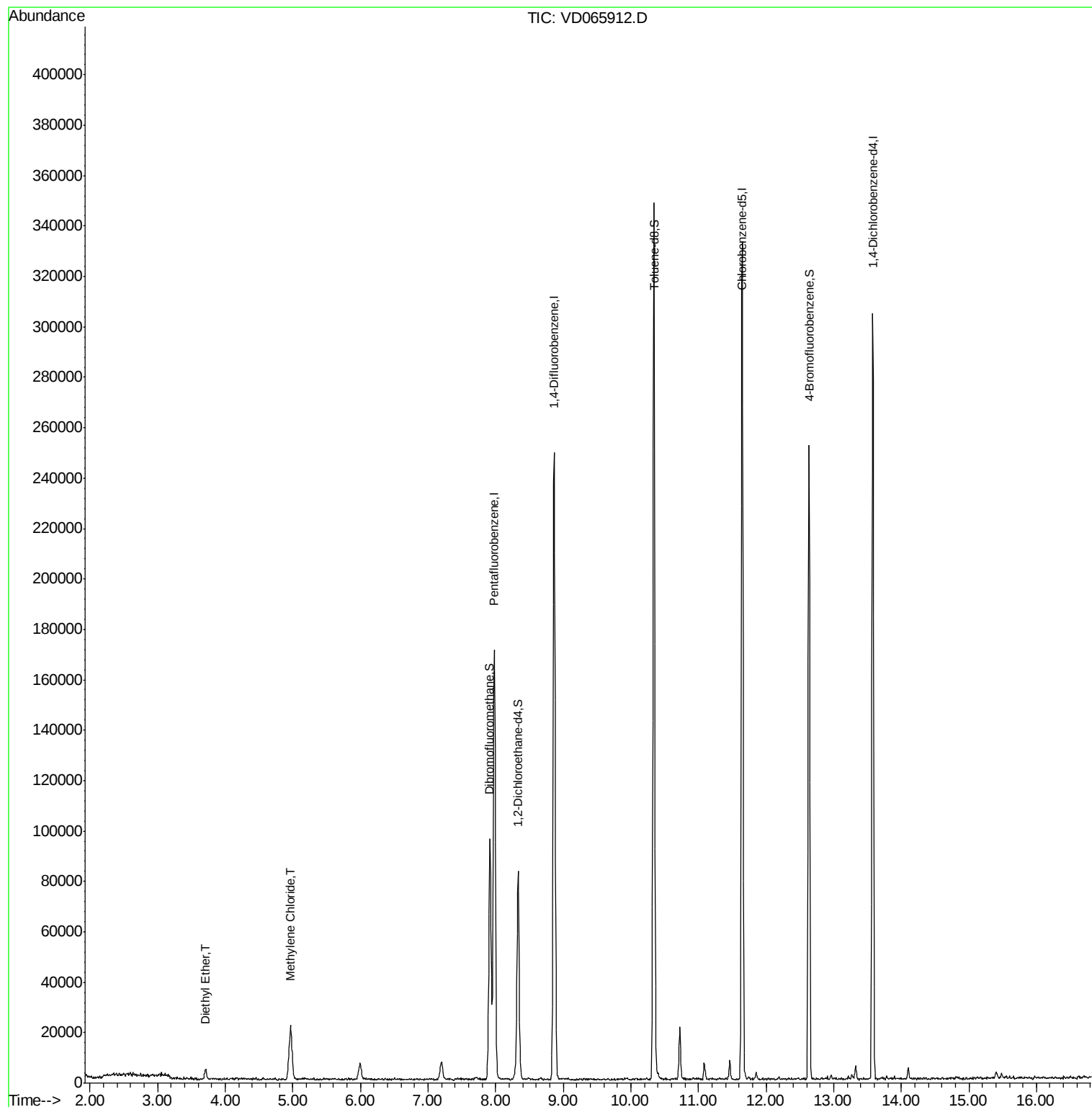
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	118653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	212253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	184006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	74878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	66390	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.91	113	69006	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
50) Toluene-d8	10.34	98	231626	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	12.64	95	71045	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.88%	
Target Compounds						
8) Diethyl Ether	3.71	74	1904	3.285	ug/l	90
20) Methylene Chloride	4.97	84	16299	8.430	ug/l #	85

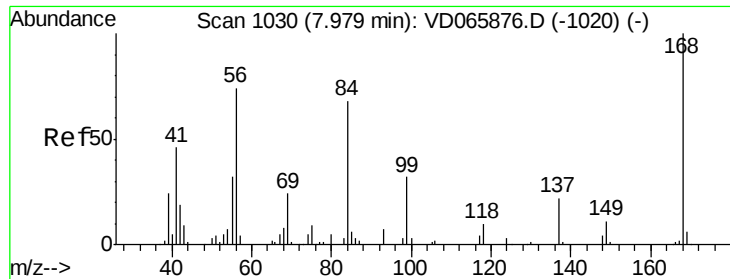
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065912.D

Acq: 01 Jul 2020 18:03

Instrument :

MSVOA_D

ClientSampleId :

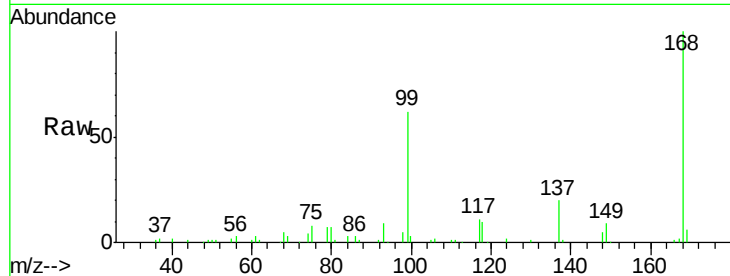
TP6-SS

Tot Ion:168 Resp: 118653

Ion Ratio Lower Upper

168 100

99 61.8 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

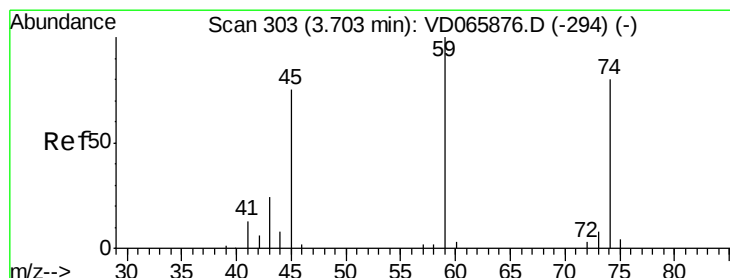
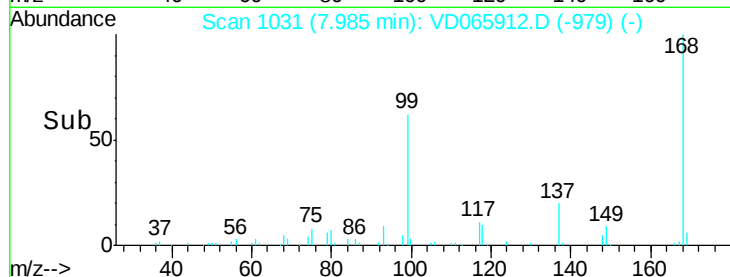
30000

20000

10000

0

Time-->



#8

Diethyl Ether

Concen: 3.285 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD065912.D

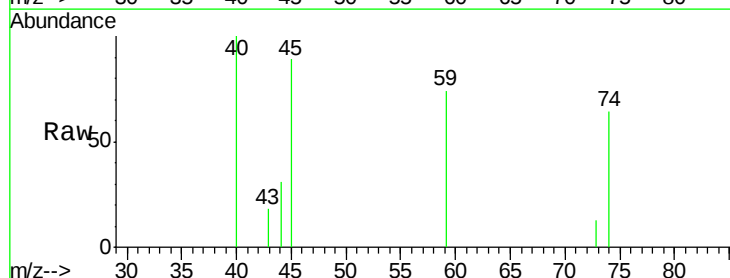
Acq: 01 Jul 2020 18:03

Tgt Ion: 74 Resp: 1904

Ion Ratio Lower Upper

74 100

45 106.7 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

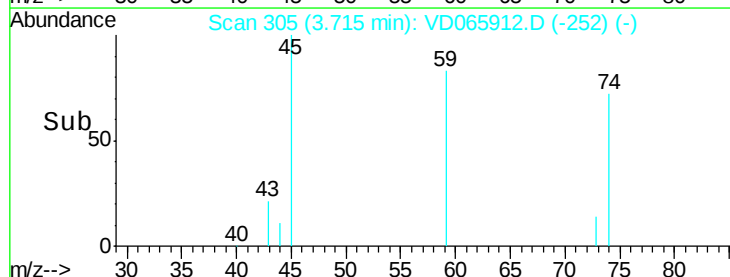
3.71

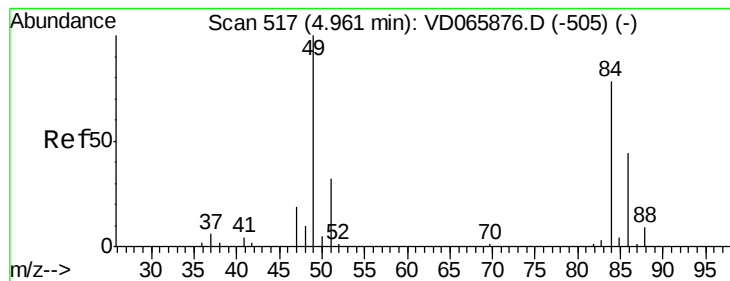
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 8.430 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD065912.D

Acq: 01 Jul 2020 18:03

Instrument :

MSVOA_D

ClientSampled :

TP6-SS

Tot Ion: 84 Resp: 16299

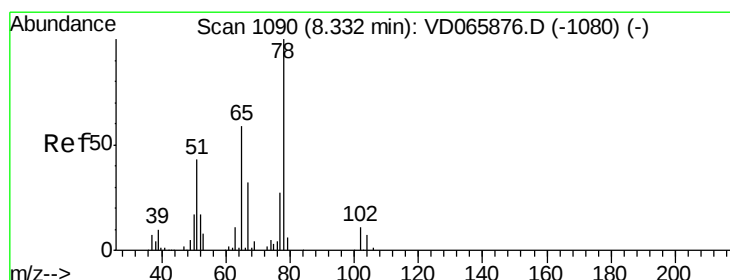
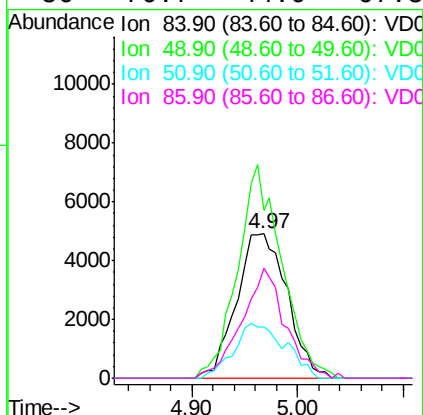
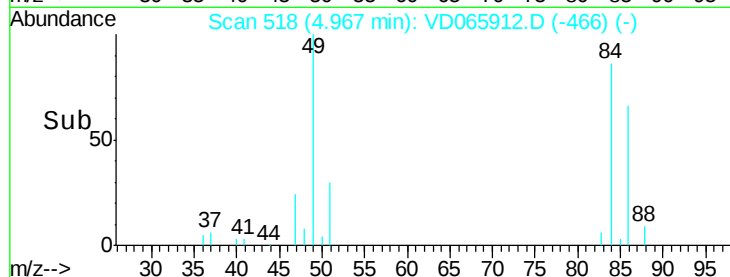
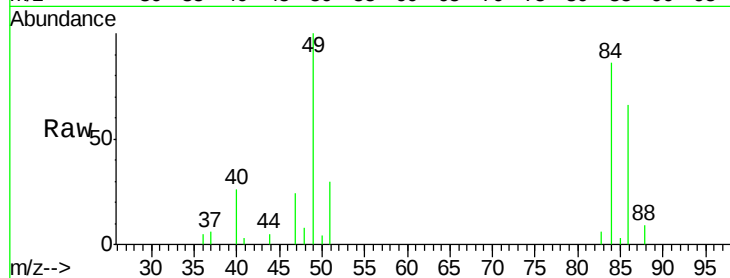
Ion Ratio Lower Upper

84 100

49 116.0 103.0 154.6

51 35.4 32.7 49.1

86 76.7 44.9 67.3#



#33

1,2-Dichloroethane-d4

Concen: 53.858 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065912.D

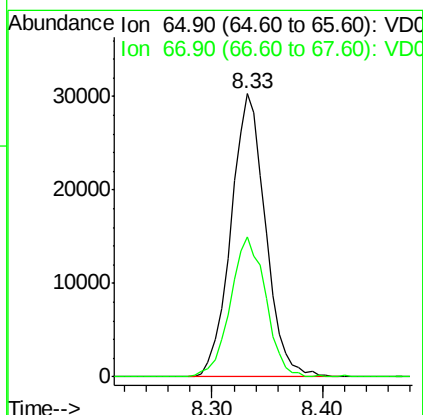
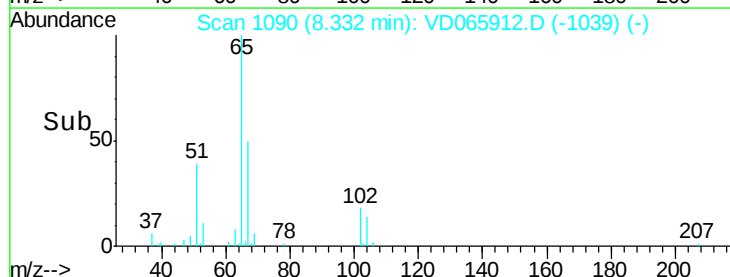
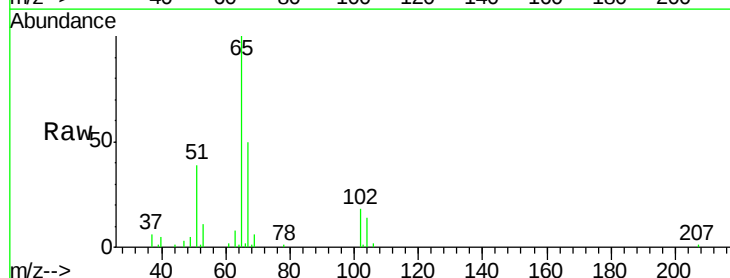
Acq: 01 Jul 2020 18:03

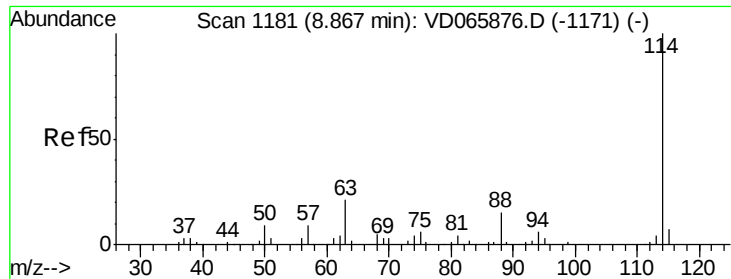
Tgt Ion: 65 Resp: 66390

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0

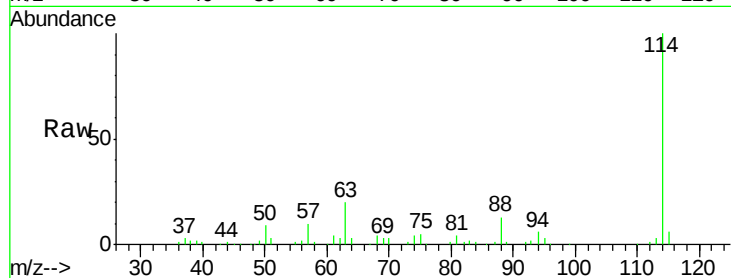




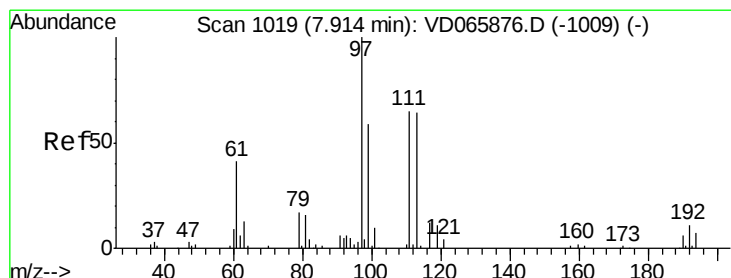
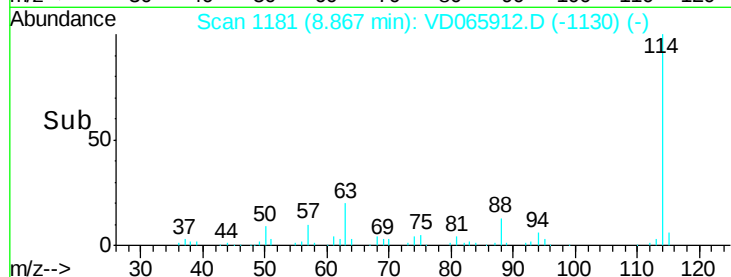
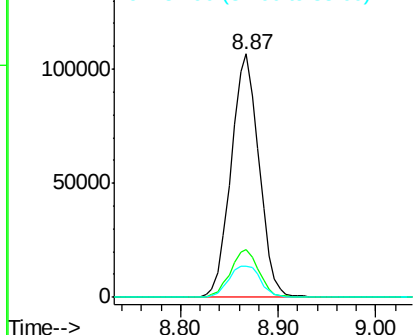
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065912.D
Acq: 01 Jul 2020 18:03

Instrument :
MSVOA_D
ClientSampled :
TP6-SS

Tot Ion:114 Resp: 212253
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.6
88 12.8 0.0 29.0

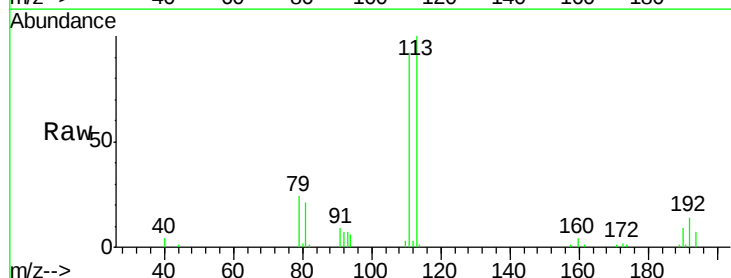


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

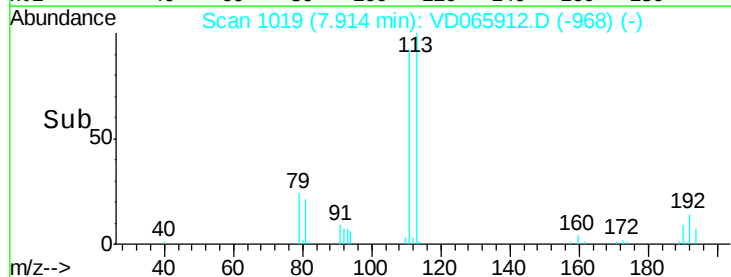
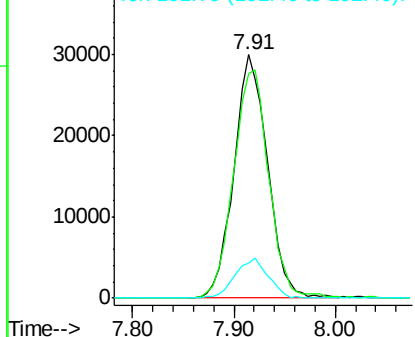


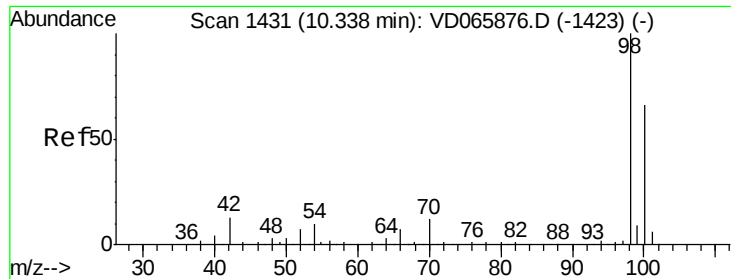
#35
Dibromofluoromethane
Concen: 52.598 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065912.D
Acq: 01 Jul 2020 18:03

Tgt Ion:113 Resp: 69006
Ion Ratio Lower Upper
113 100
111 98.3 81.0 121.6
192 16.1 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

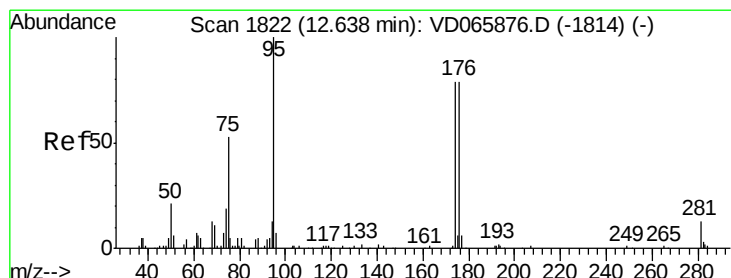
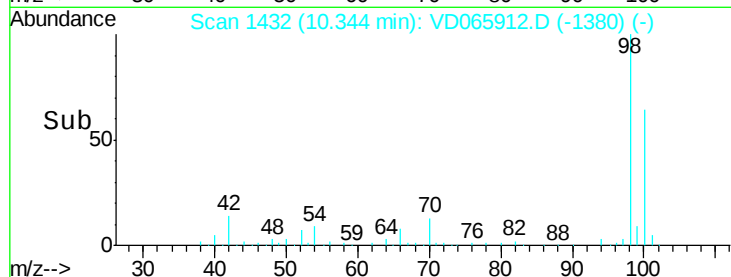
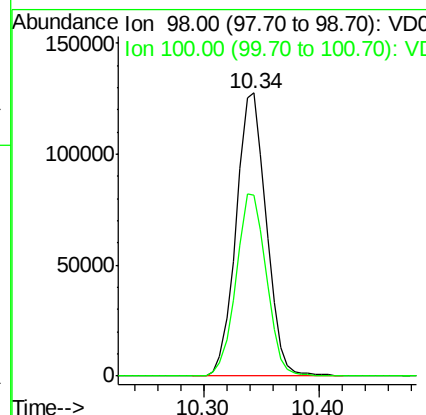
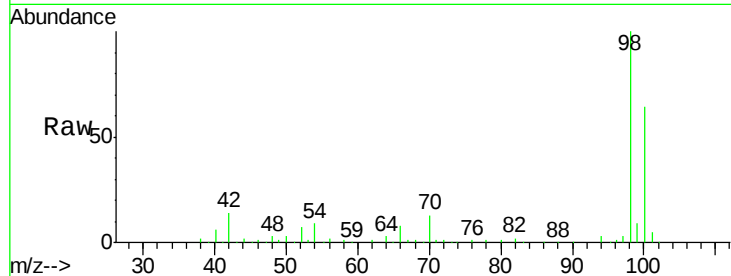




#50
Toluene-d8
Concen: 46.934 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065912.D
Acq: 01 Jul 2020 18:03

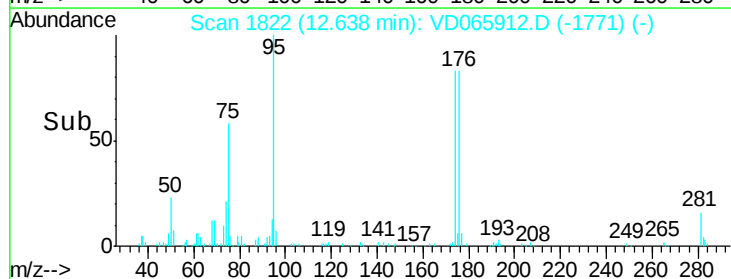
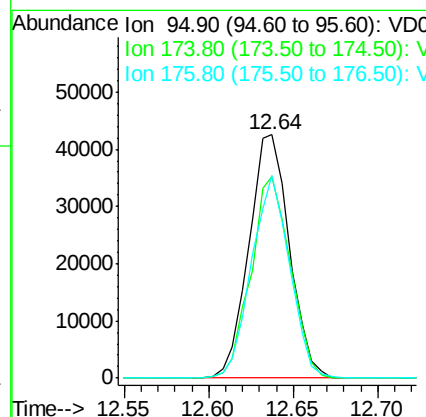
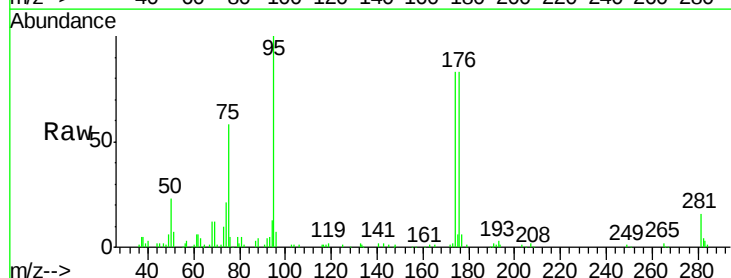
Instrument :
MSVOA_D
ClientSampled :
TP6-SS

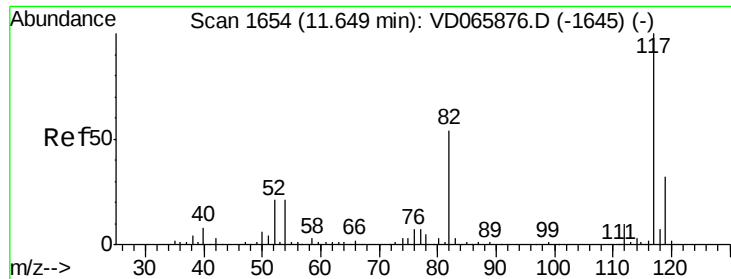
Tot Ion: 98 Resp: 231626
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.943 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065912.D
Acq: 01 Jul 2020 18:03

Tgt Ion: 95 Resp: 71045
Ion Ratio Lower Upper
95 100
174 81.1 0.0 158.4
176 78.3 0.0 156.0

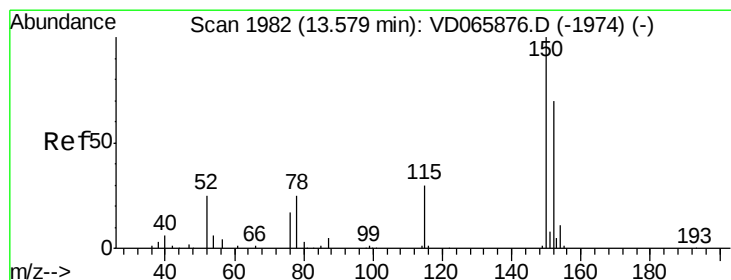
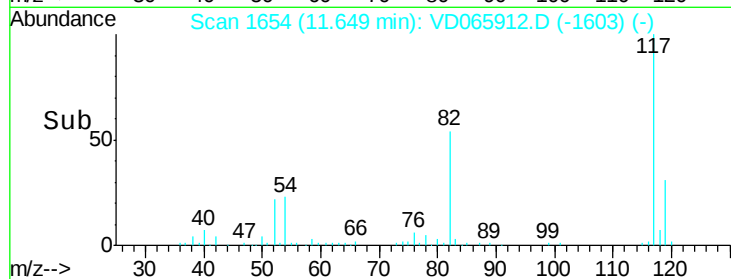
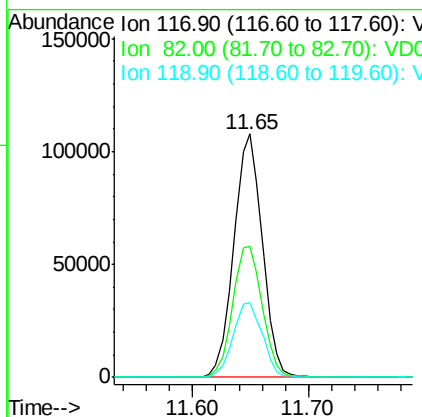
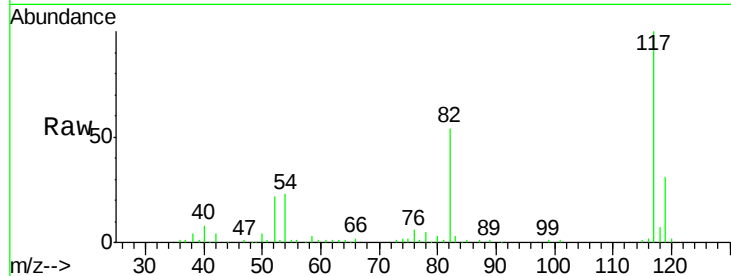




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065912.D
Acq: 01 Jul 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :
TP6-SS

Tot Ion:117 Resp: 184006
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065912.D
Acq: 01 Jul 2020 18:03

Tgt Ion:152 Resp: 74878
Ion Ratio Lower Upper
152 100
115 59.4 29.7 89.1
150 161.0 0.0 346.2

