

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065913.D
 Acq On : 01 Jul 2020 18:31
 Operator : VA/SY
 Sample : L3172-16
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7-SS

Quant Time: Jul 02 05:47:01 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

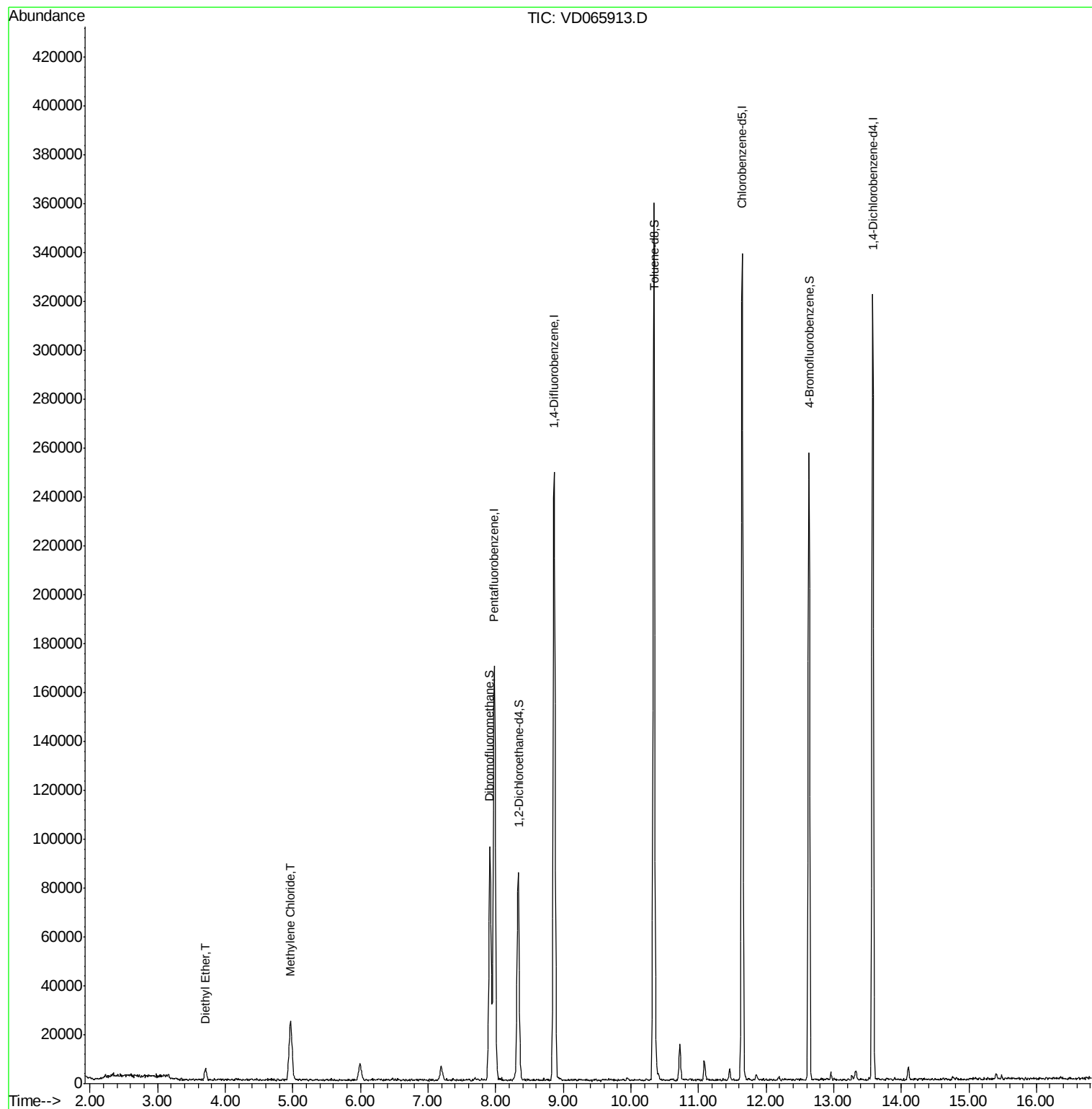
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	120715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	211045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	188674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	80414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	70416	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
35) Dibromofluoromethane	7.91	113	66488	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	10.34	98	236924	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.63	95	73860	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
8) Diethyl Ether	3.70	74	2295	3.892	ug/l	74
20) Methylene Chloride	4.96	84	17812	9.507	ug/l	93

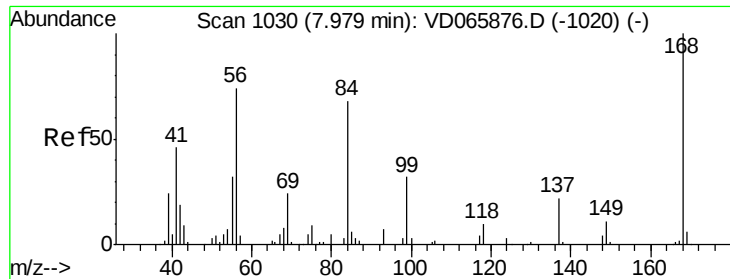
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065913.D

Acq: 01 Jul 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

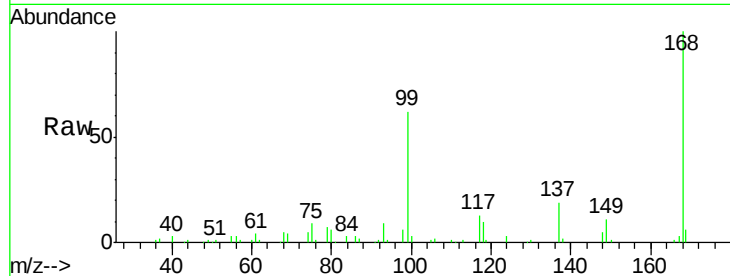
TP7-SS

Tot Ion:168 Resp: 120715

Ion Ratio Lower Upper

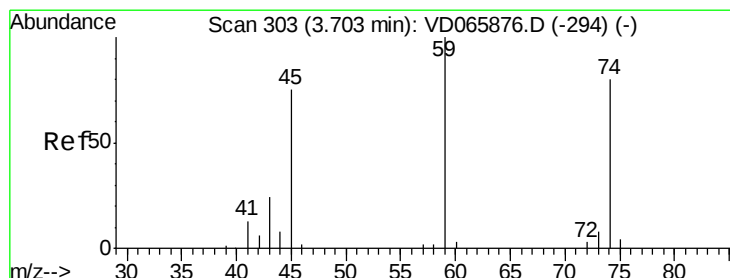
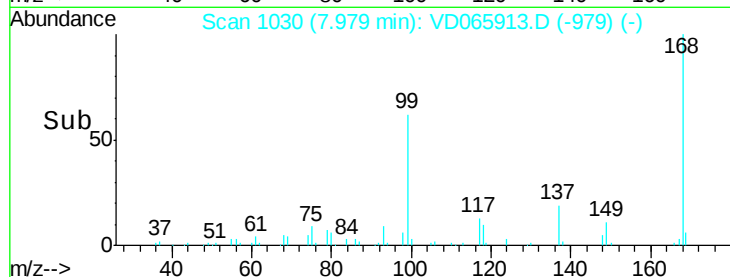
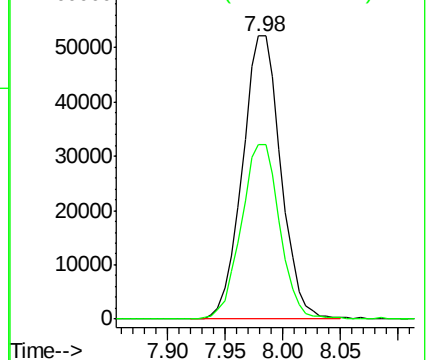
168 100

99 61.6 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 3.892 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.00 min

Lab File: VD065913.D

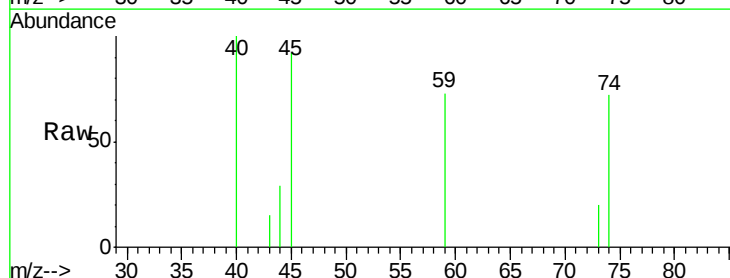
Acq: 01 Jul 2020 18:31

Tgt Ion: 74 Resp: 2295

Ion Ratio Lower Upper

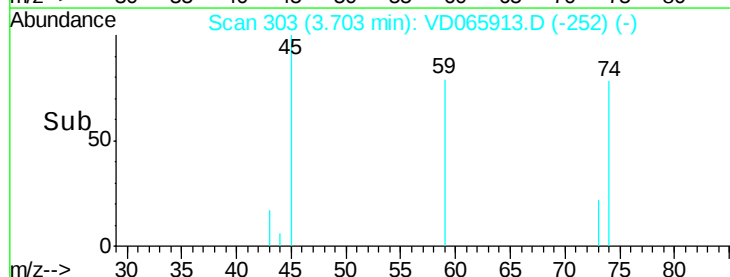
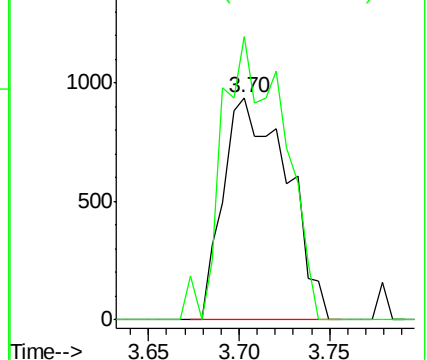
74 100

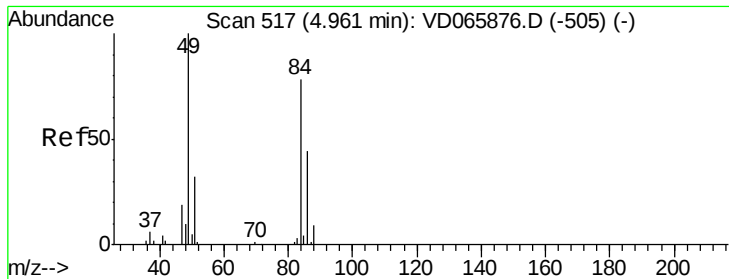
45 123.1 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#20

Methylene Chloride

Concen: 9.507 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD065913.D

Acq: 01 Jul 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
TP7-SS

Tot Ion: 84 Resp: 17812

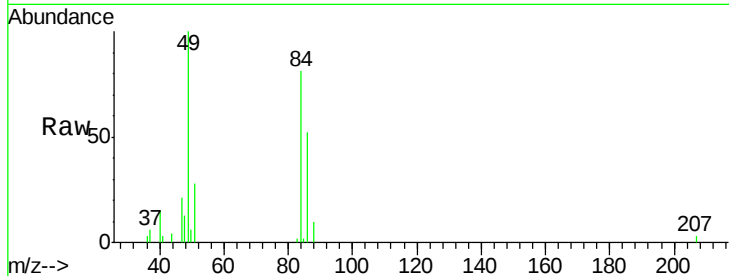
Ion Ratio Lower Upper

84 100

49 123.6 103.0 154.6

51 34.8 32.7 49.1

86 63.8 44.9 67.3

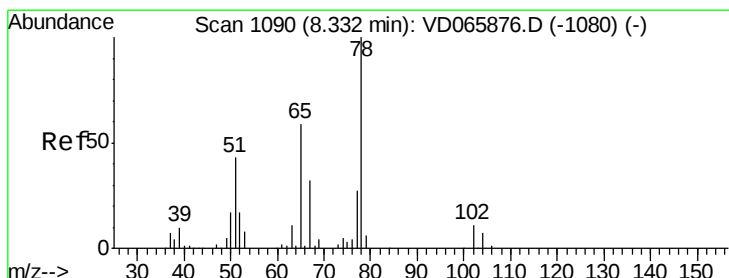
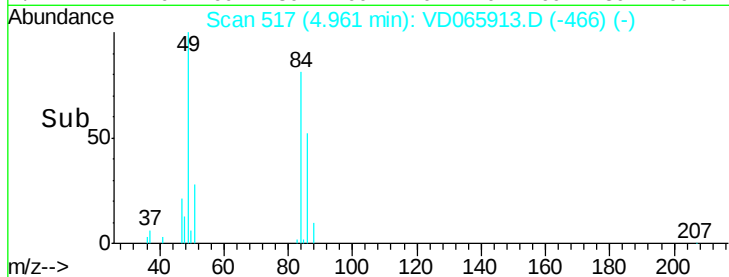
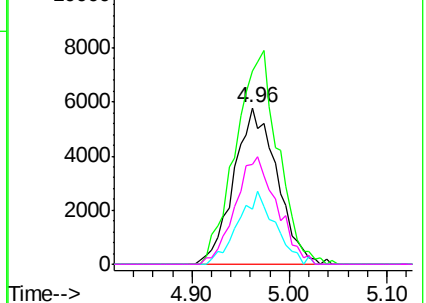


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 56.148 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065913.D

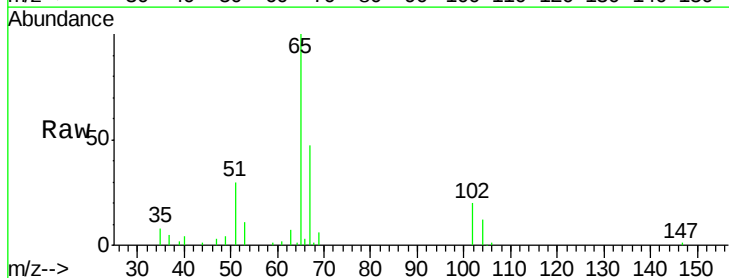
Acq: 01 Jul 2020 18:31

Tgt Ion: 65 Resp: 70416

Ion Ratio Lower Upper

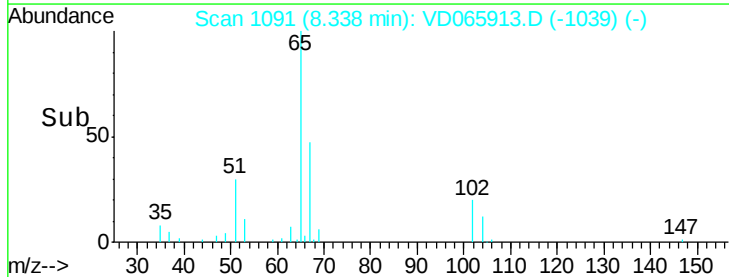
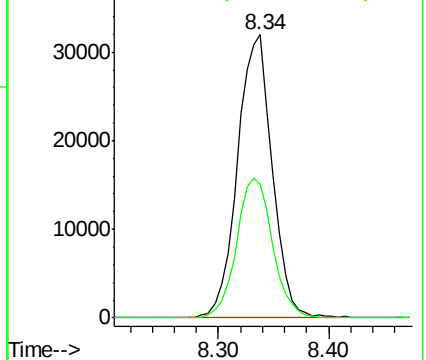
65 100

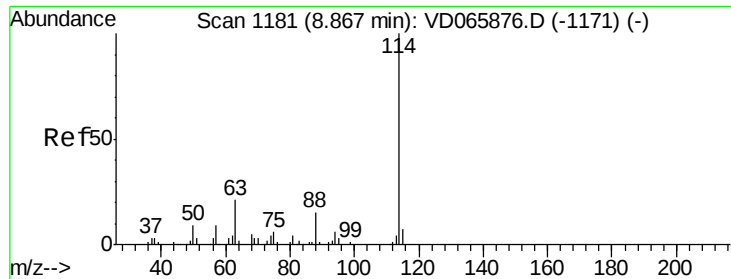
67 51.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

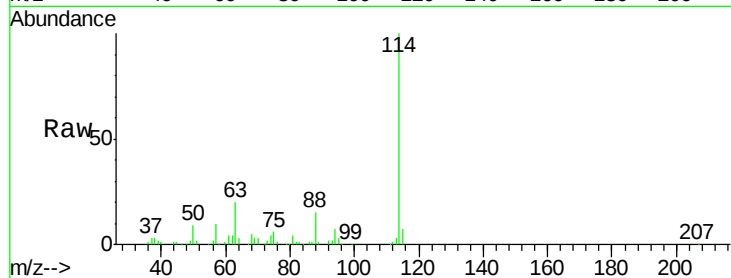




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065913.D
 Acq: 01 Jul 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7-SS

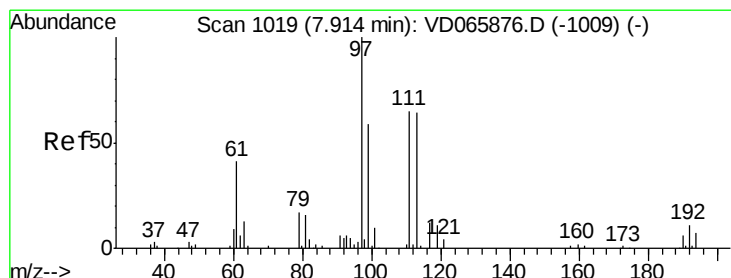
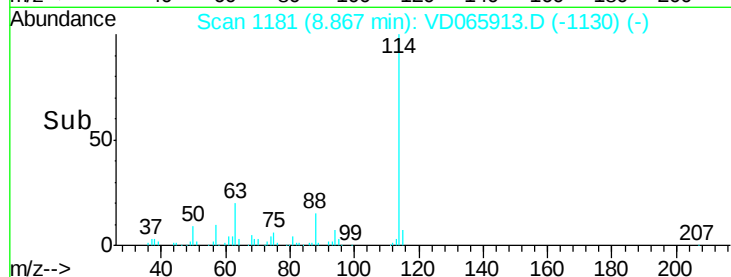
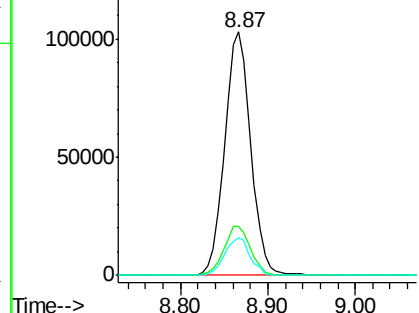
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	15.4	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

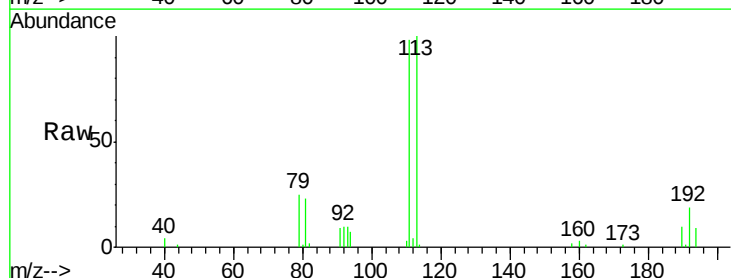
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.969 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065913.D
 Acq: 01 Jul 2020 18:31

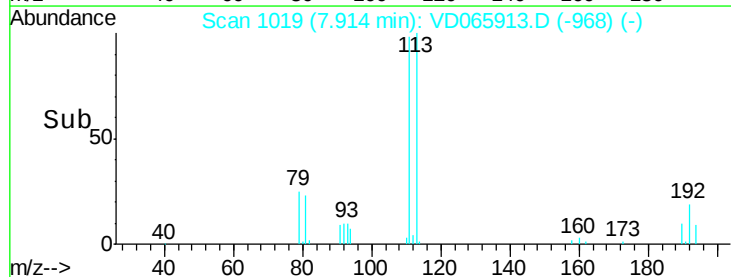
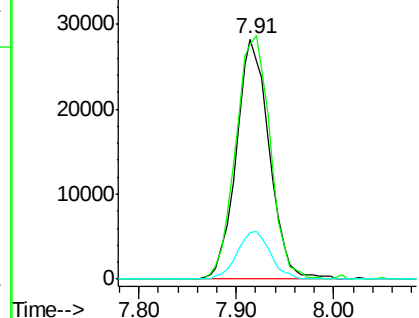
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.0	121.6
192	20.0	15.2	22.8

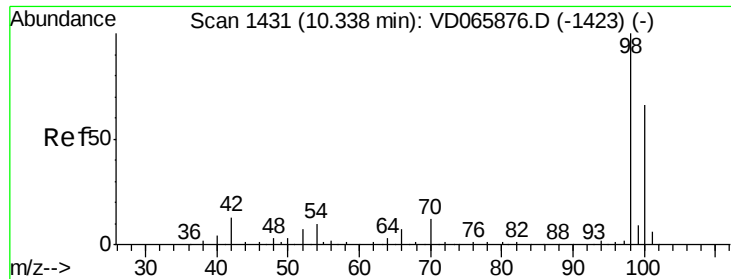


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

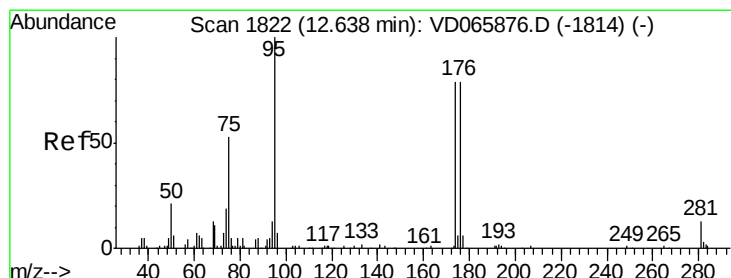
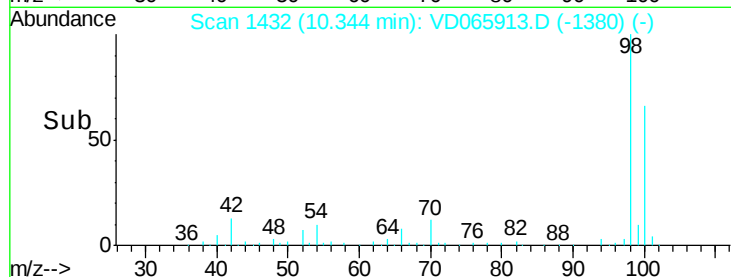
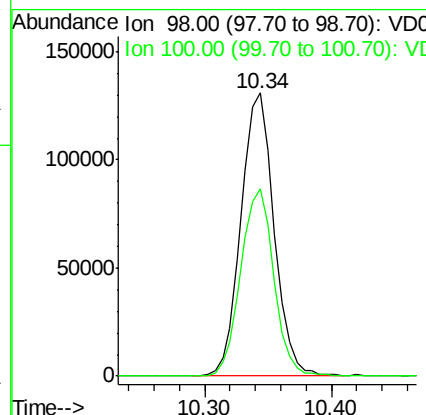
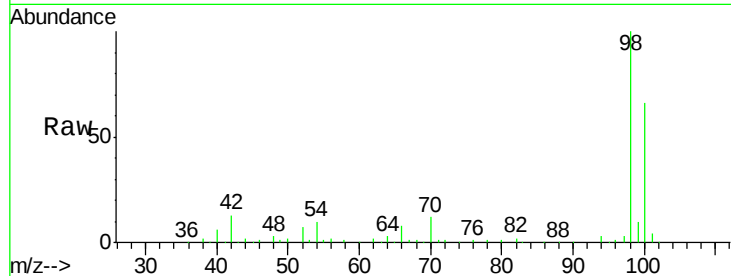




#50
Toluene-d8
Concen: 48.283 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065913.D
Acq: 01 Jul 2020 18:31

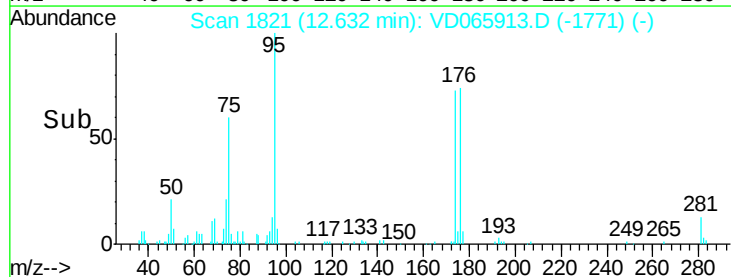
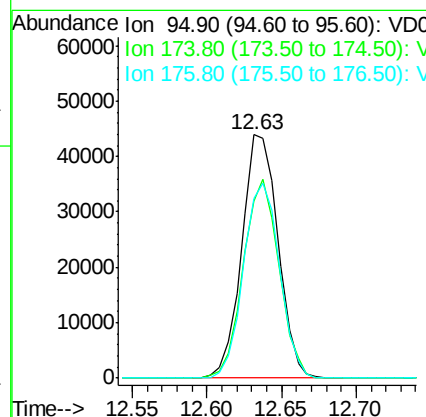
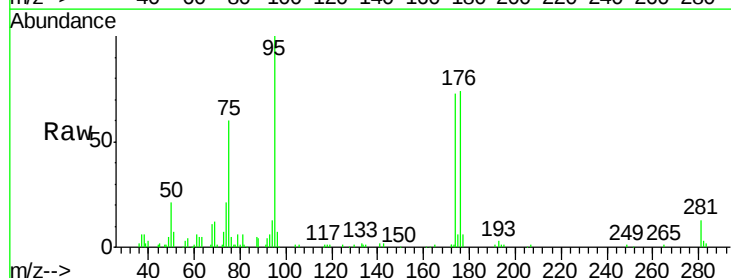
Instrument :
MSVOA_D
ClientSampled :
TP7-SS

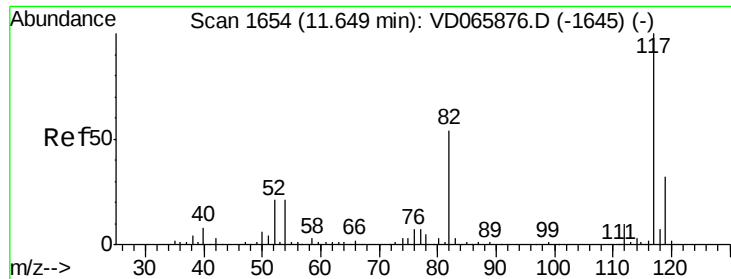
Tot Ion: 98 Resp: 236924
Ion Ratio Lower Upper
98 100
100 66.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.946 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065913.D
Acq: 01 Jul 2020 18:31

Tgt Ion: 95 Resp: 73860
Ion Ratio Lower Upper
95 100
174 80.4 0.0 158.4
176 79.6 0.0 156.0

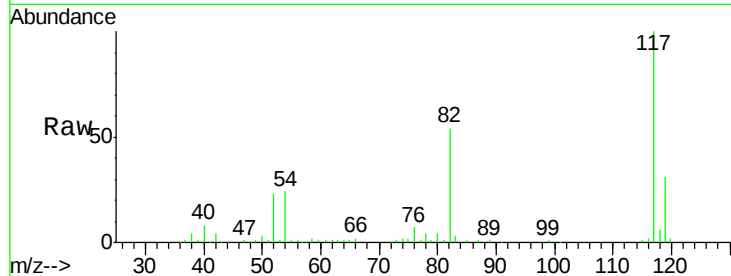




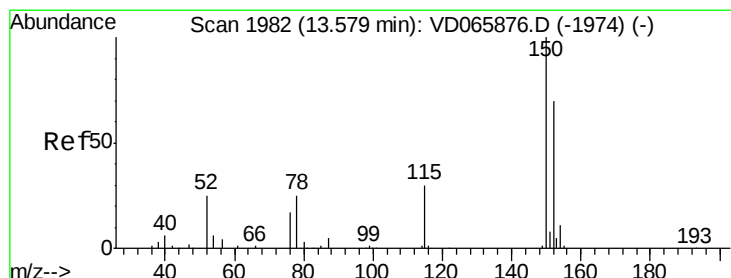
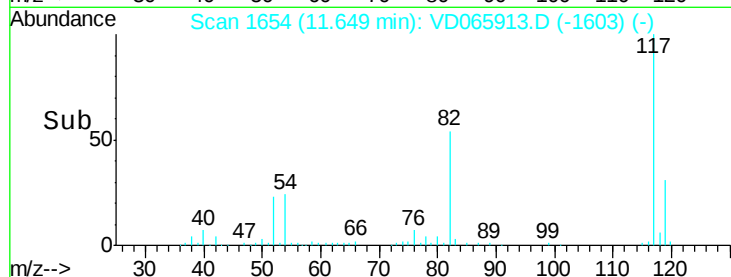
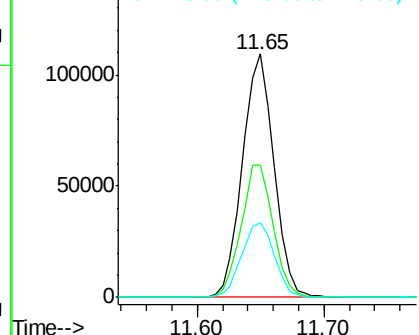
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065913.D
Acq: 01 Jul 2020 18:31

Instrument :
MSVOA_D
ClientSampled :
TP7-SS

Tot Ion:117 Resp: 188674
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 30.9 25.9 38.9

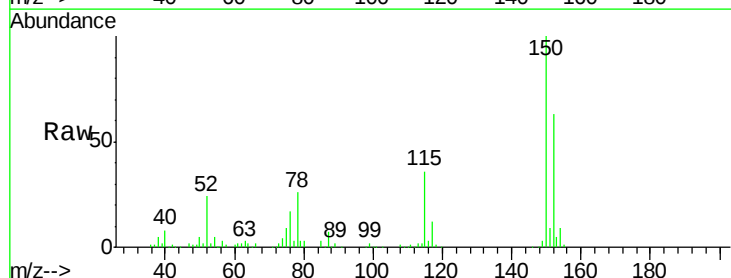


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065913.D
Acq: 01 Jul 2020 18:31

Tgt Ion:152 Resp: 80414
Ion Ratio Lower Upper
152 100
115 59.2 29.7 89.1
150 161.3 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

