

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065965.D
 Acq On : 16 Jul 2020 18:56
 Operator : VA/SY
 Sample : L3308-05
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 5

Quant Time: Jul 17 04:41:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

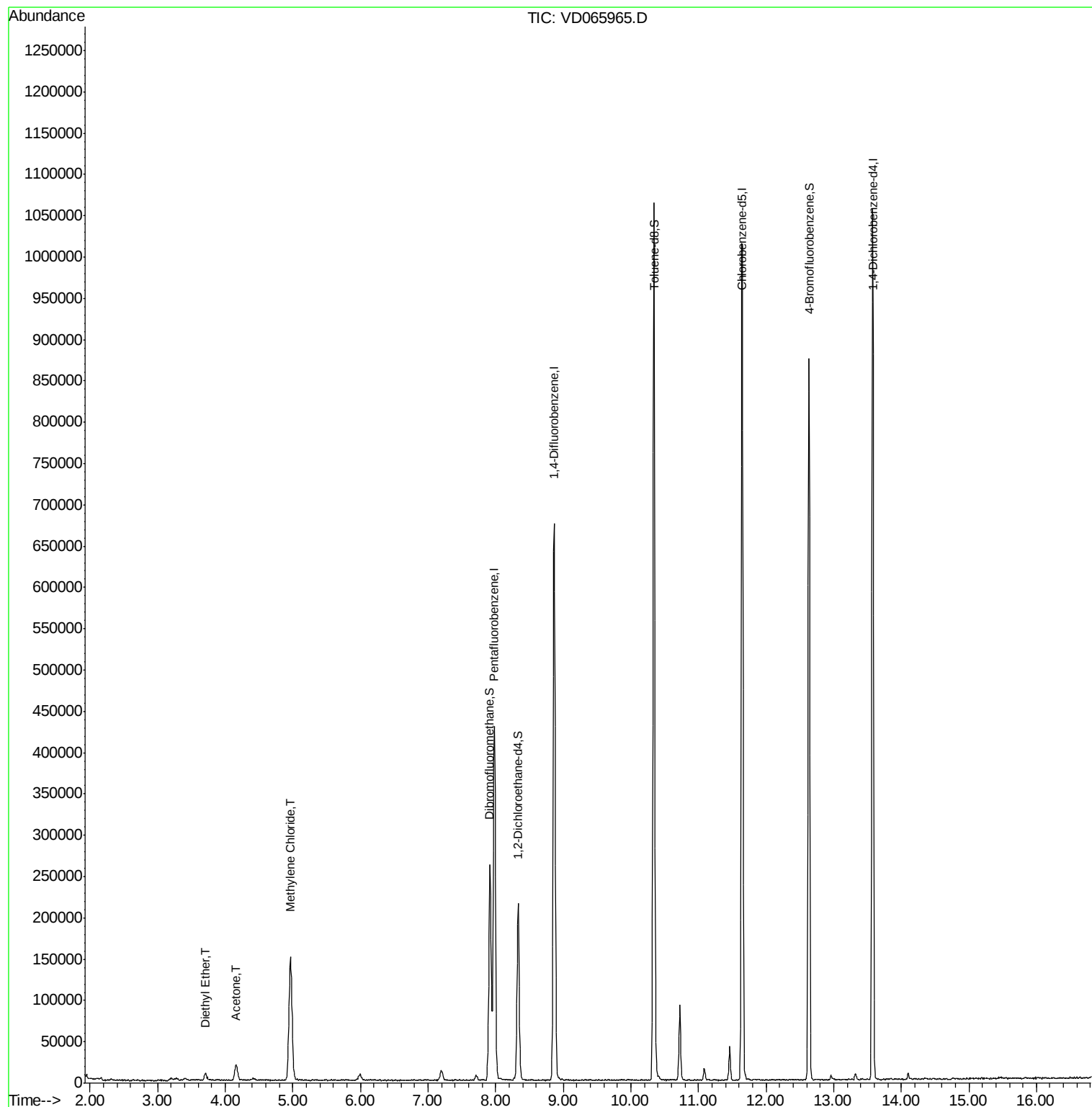
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	353438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	606977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	622896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	166228	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
35) Dibromofluoromethane	7.91	113	189463	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.34	98	738324	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.64	95	271695	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
Target Compounds						
8) Diethyl Ether	3.71	74	5027	2.989	ug/l	88
16) Acetone	4.16	43	34825	47.441	ug/l	99
20) Methylene Chloride	4.96	84	118765	25.007	ug/l	92

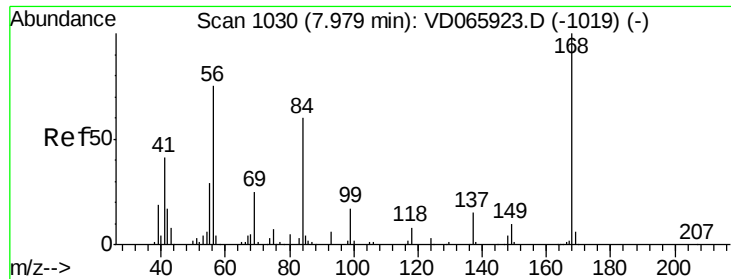
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065965.D

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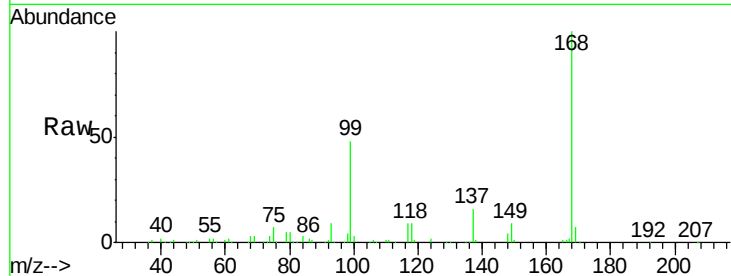
Instrument :
MSVOA_D
ClientSampleId :
5

Tot Ion:168 Resp: 353438

Ion Ratio Lower Upper

168 100

99 47.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

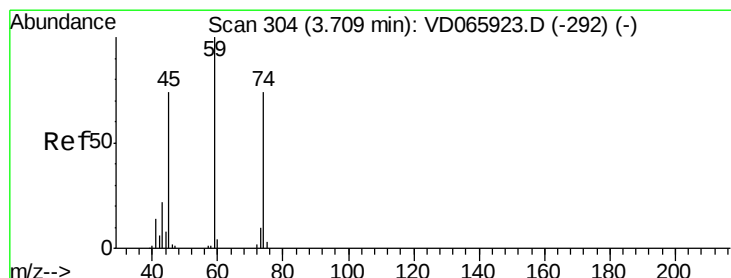
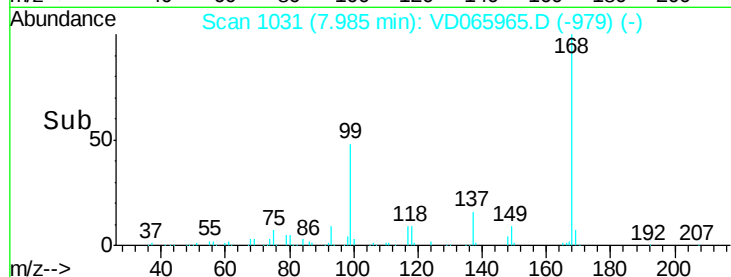
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.989 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD065965.D

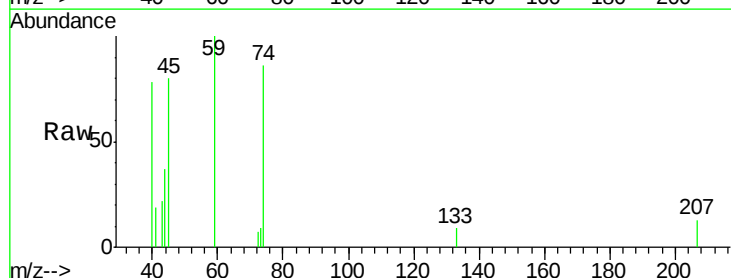
Acq: 16 Jul 2020 18:56

Tgt Ion: 74 Resp: 5027

Ion Ratio Lower Upper

74 100

45 90.6 51.1 153.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

2500

2000

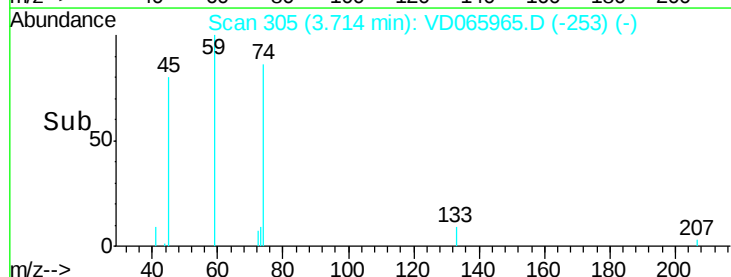
1500

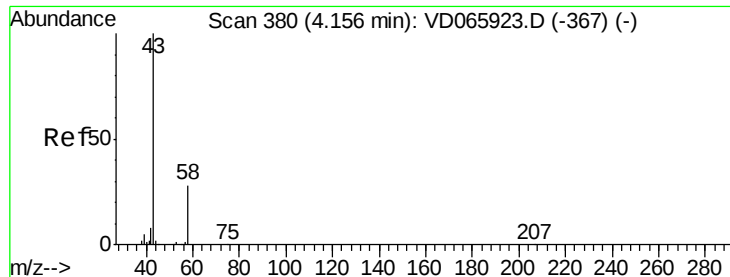
1000

500

0

Time-->





#16

Acetone

Concen: 47.441 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065965.D

Acq: 16 Jul 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

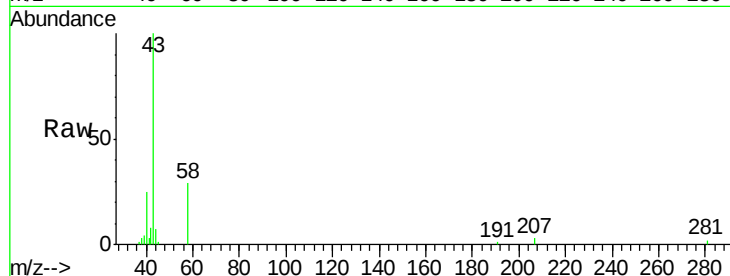
5

Tot Ion: 43 Resp: 34825

Ion Ratio Lower Upper

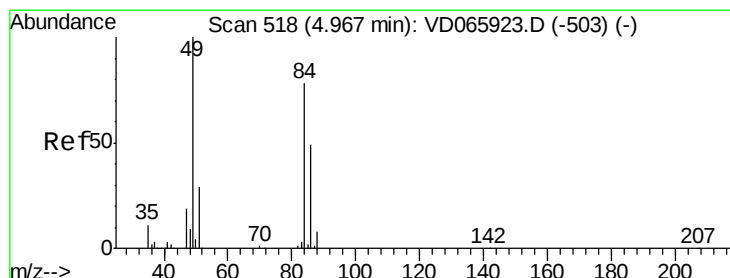
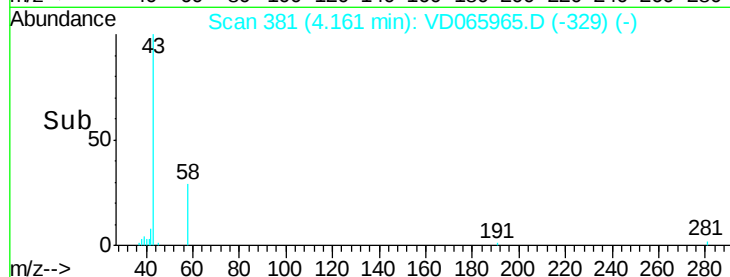
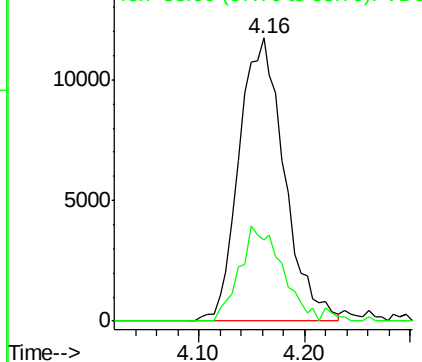
43 100

58 28.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 25.007 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065965.D

Acq: 16 Jul 2020 18:56

Tgt Ion: 84 Resp: 118765

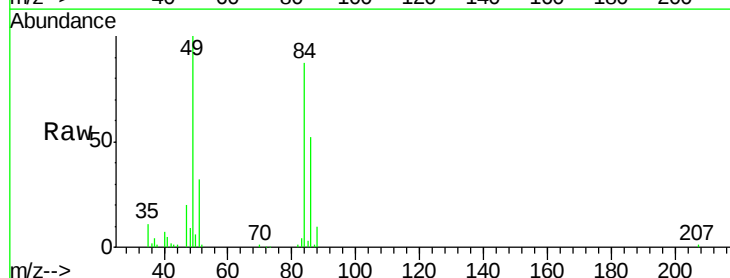
Ion Ratio Lower Upper

84 100

49 115.1 102.2 153.2

51 36.3 29.8 44.6

86 59.3 50.2 75.2

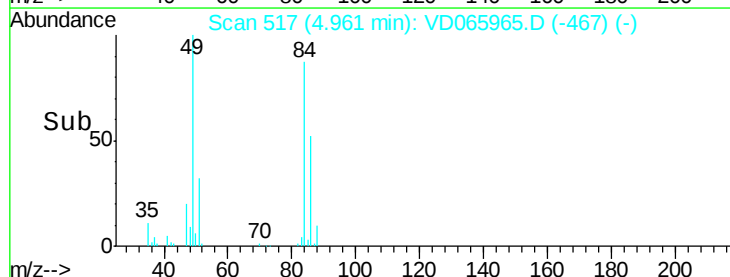
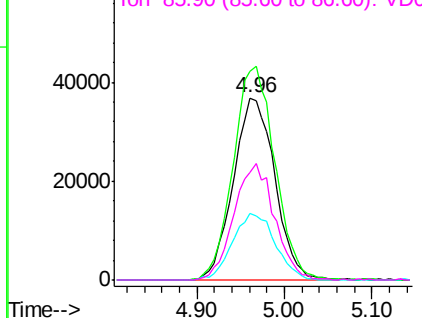


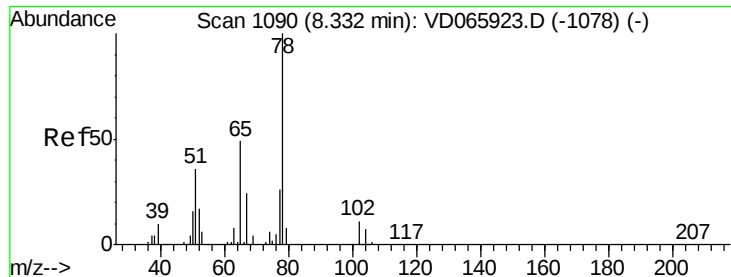
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

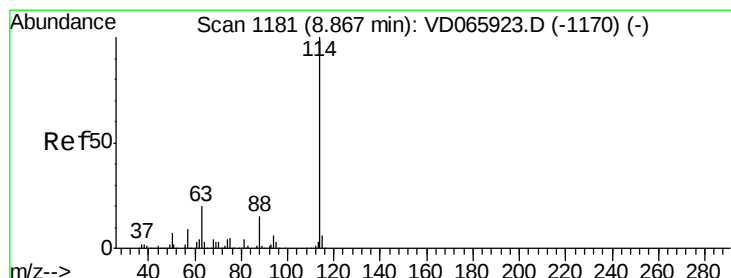
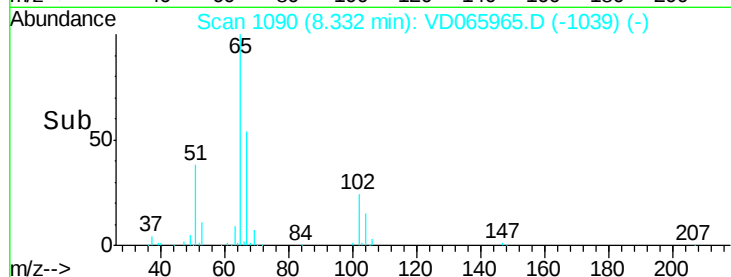
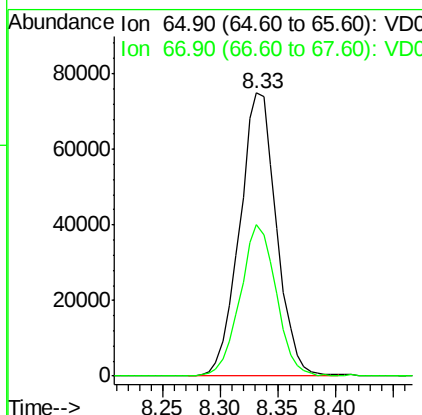
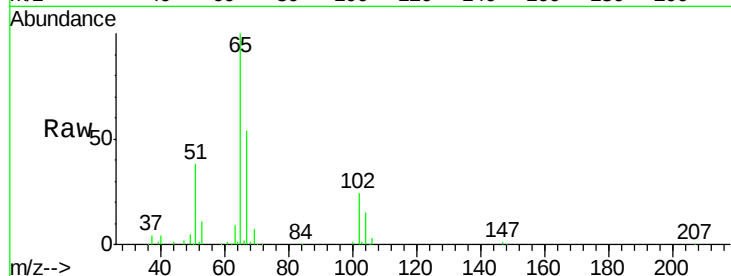




#33
 1,2-Dichloroethane-d4
 Concen: 53.070 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065965.D
 Acq: 16 Jul 2020 18:56

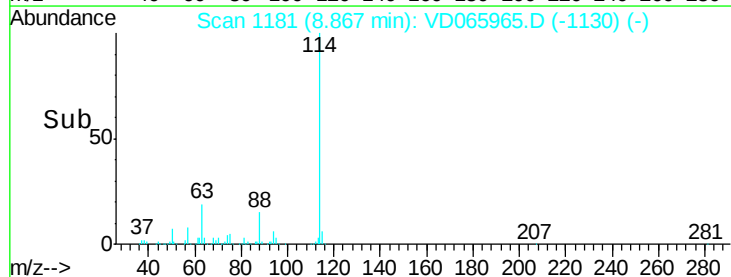
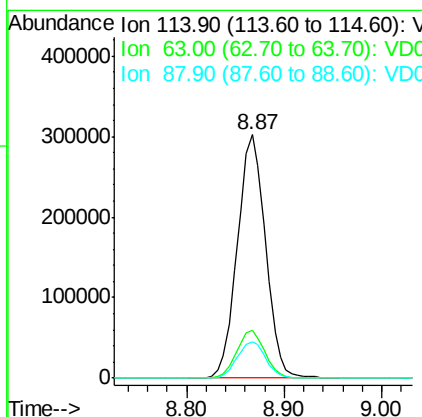
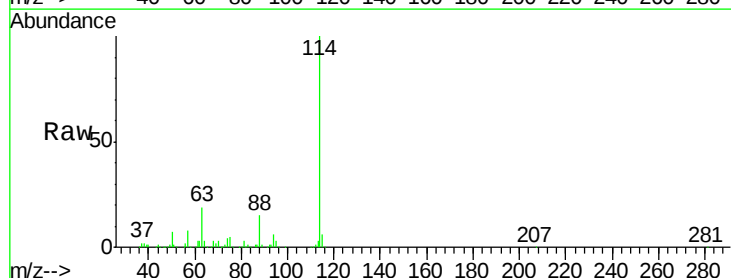
Instrument :
 MSVOA_D
 ClientSampleId :
 5

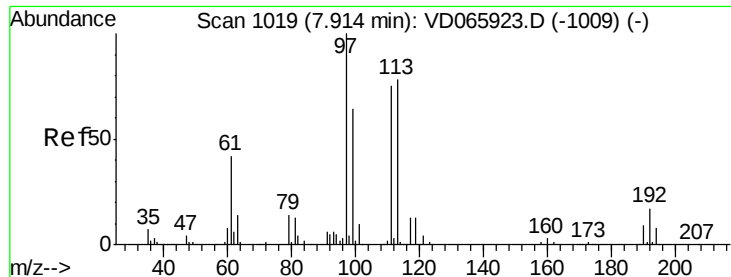
Tot Ion: 65 Resp: 166228
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065965.D
 Acq: 16 Jul 2020 18:56

Tgt Ion: 114 Resp: 606977
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.8 0.0 30.0

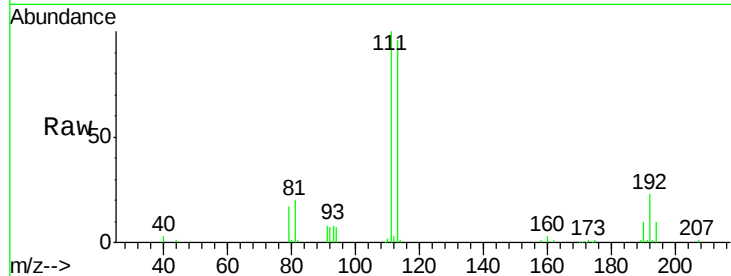




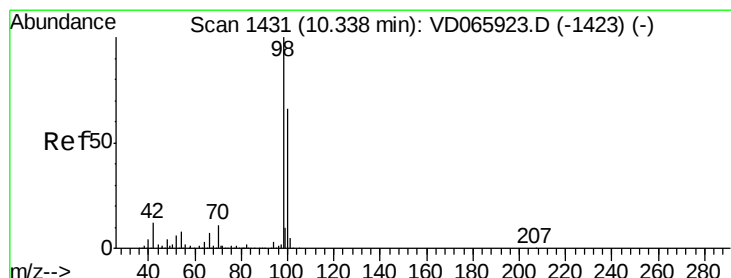
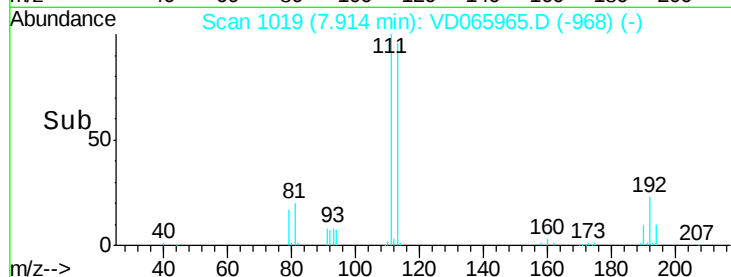
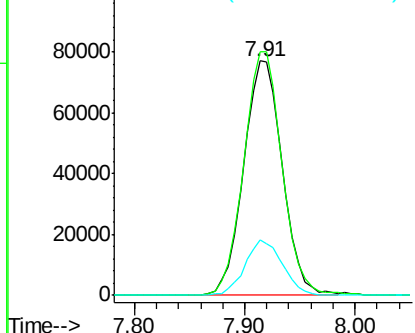
#35
Dibromofluoromethane
Concen: 50.599 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD065965.D
Acq: 16 Jul 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
5

Tot Ion:113 Resp: 189463
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 22.8 17.1 25.7

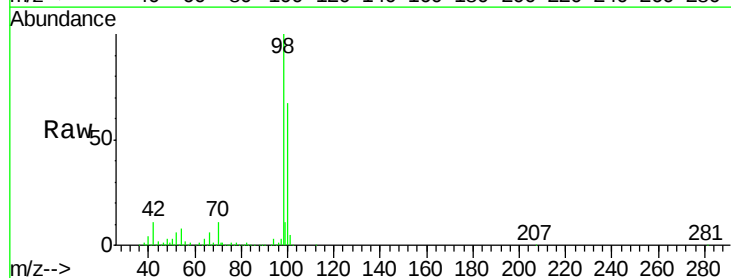


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

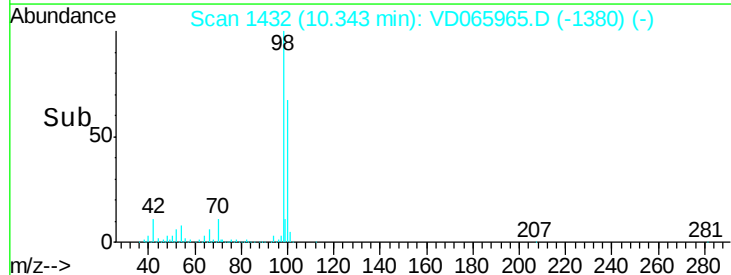
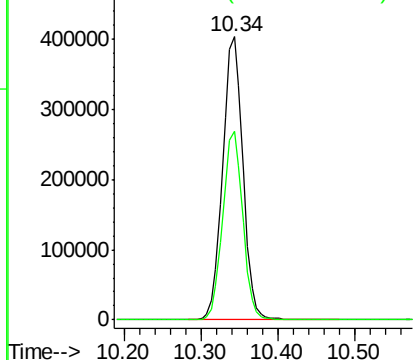


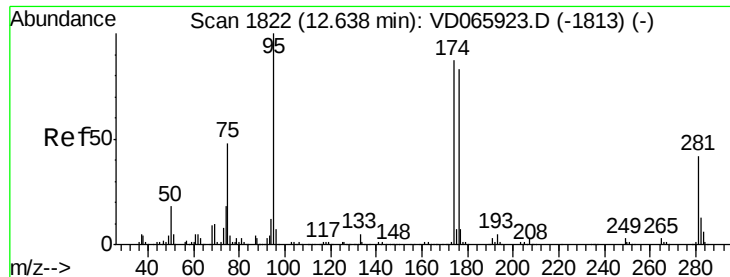
#50
Toluene-d8
Concen: 54.043 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065965.D
Acq: 16 Jul 2020 18:56

Tgt Ion: 98 Resp: 738324
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



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

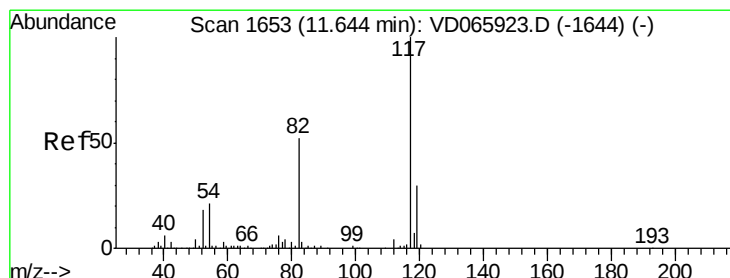
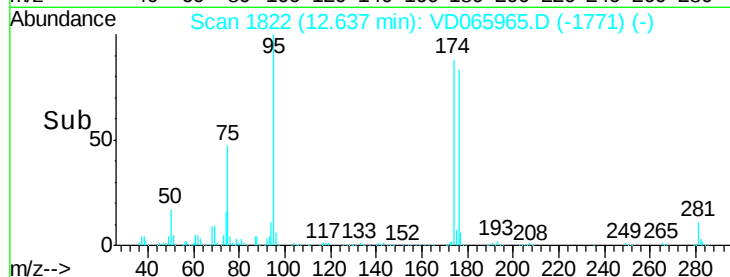
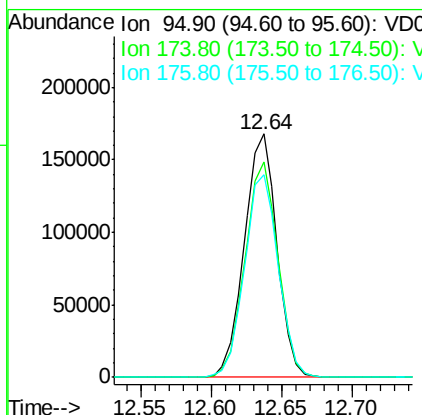
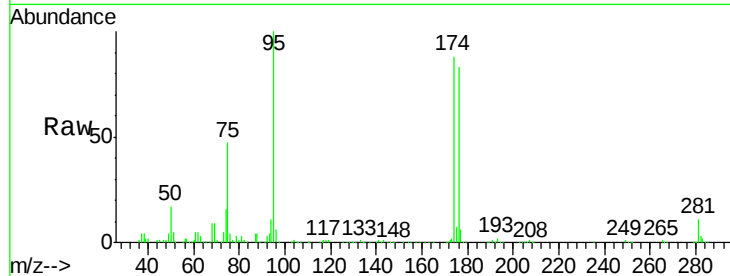




#62
4-Bromofluorobenzene
Concen: 57.912 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065965.D
Acq: 16 Jul 2020 18:56

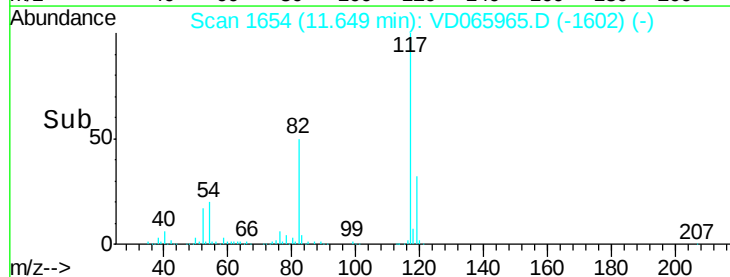
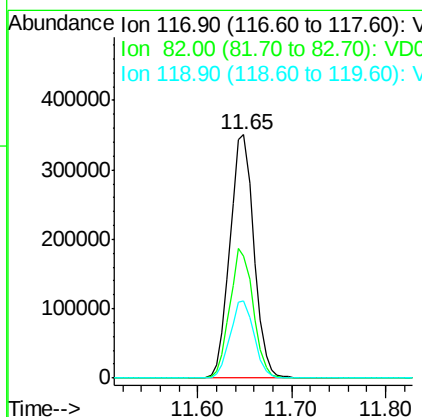
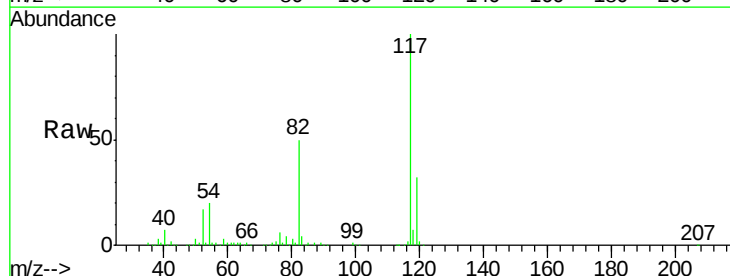
Instrument :
MSVOA_D
ClientSampleId :
5

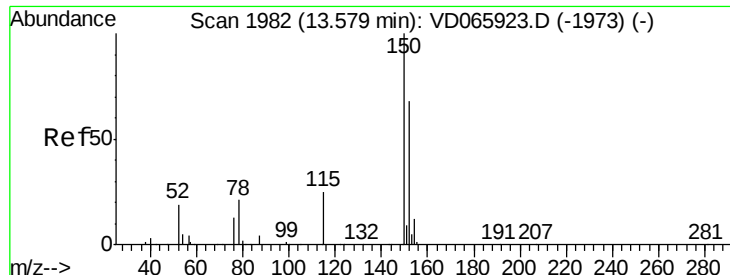
Tot Ion: 95 Resp: 271695
Ion Ratio Lower Upper
95 100
174 89.8 0.0 169.4
176 86.2 0.0 164.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065965.D
Acq: 16 Jul 2020 18:56

Tgt Ion: 117 Resp: 622896
Ion Ratio Lower Upper
117 100
82 50.1 41.8 62.8
119 31.8 24.3 36.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065965.D

Acq: 16 Jul 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

5

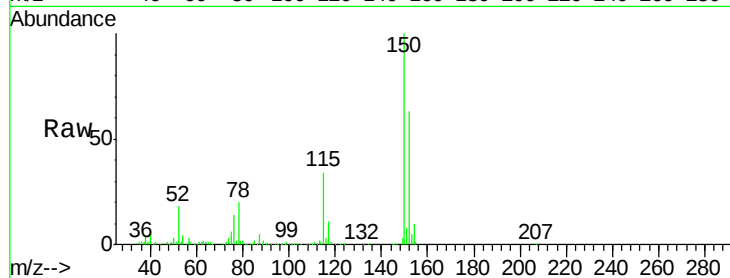
Tot Ion:152 Resp: 296716

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.3

150 157.1 0.0 347.2



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

