

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067043.D
 Acq On : 02 Oct 2020 18:42
 Operator : VA/SY
 Sample : L4195-01
 Misc : 4.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200010

Quant Time: Oct 03 05:28:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

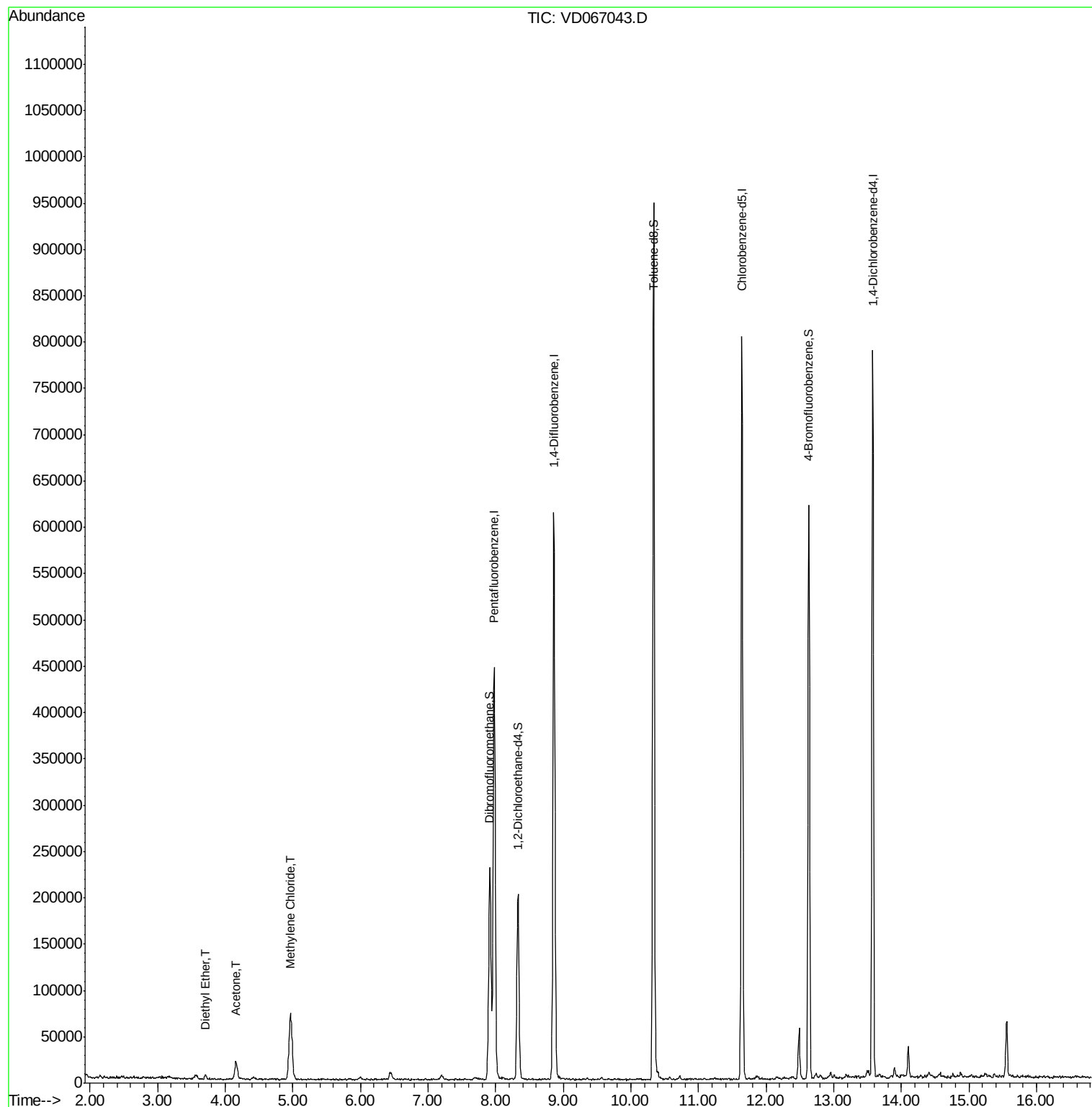
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	333664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	547623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	487588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	216523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	159562	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	7.91	113	172933	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	10.34	98	631093	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.63	95	199136	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds						
8) Diethyl Ether	3.71	74	2163	1.473	ug/l	74
16) Acetone	4.16	43	34101	69.510	ug/l	100
20) Methylene Chloride	4.96	84	59198	11.386	ug/l	98

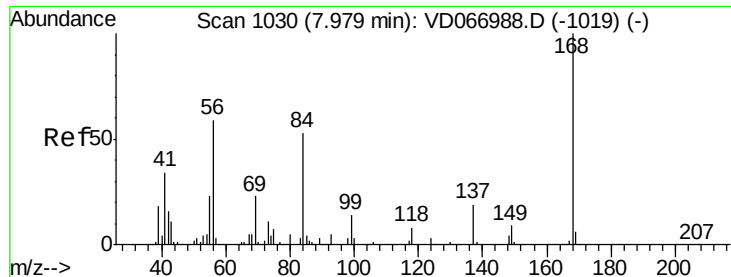
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067043.D
Acq On : 02 Oct 2020 18:42
Operator : VA/SY
Sample : L4195-01
Misc : 4.74G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-200010

Quant Time: Oct 03 05:28:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067043.D

Acq: 02 Oct 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

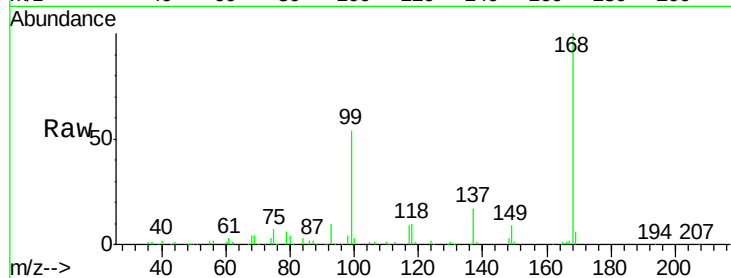
RBR-200010

Tot Ion:168 Resp: 333664

Ion Ratio Lower Upper

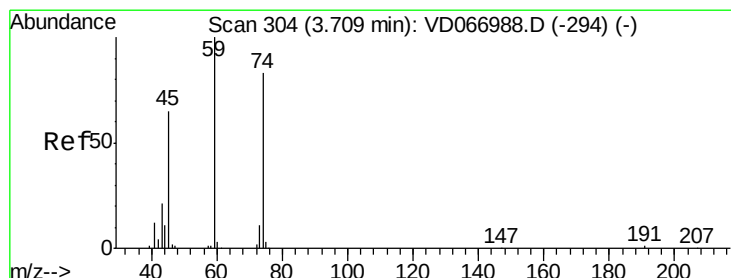
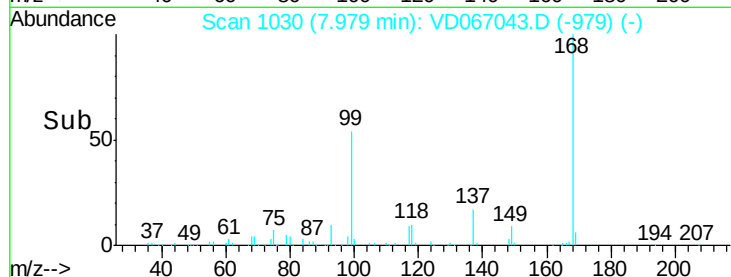
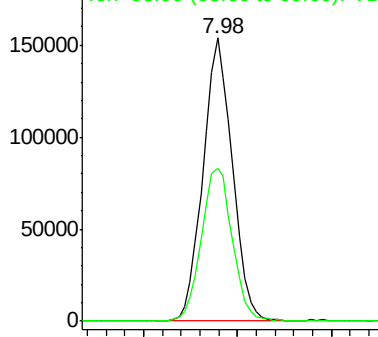
168 100

99 53.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 1.473 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD067043.D

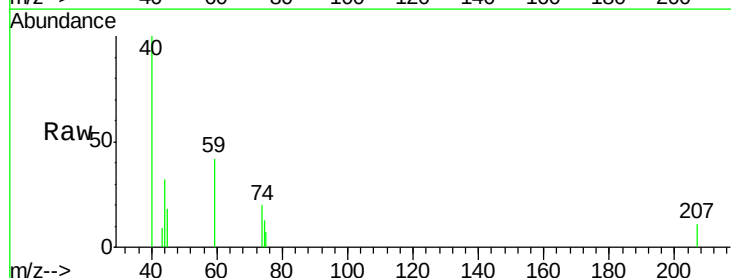
Acq: 02 Oct 2020 18:42

Tgt Ion: 74 Resp: 2163

Ion Ratio Lower Upper

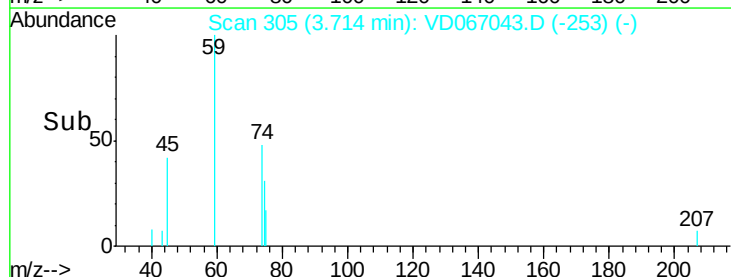
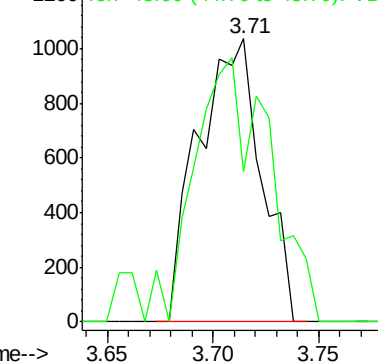
74 100

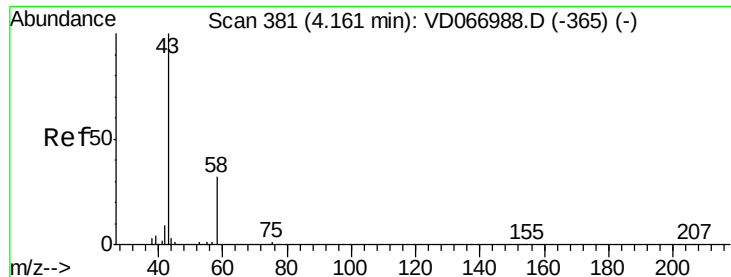
45 110.2 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#16

Acetone

Concen: 69.510 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067043.D

Acq: 02 Oct 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

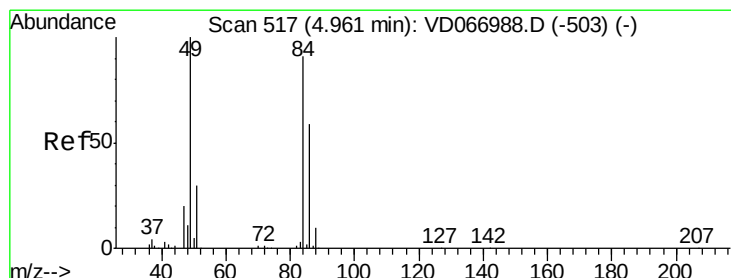
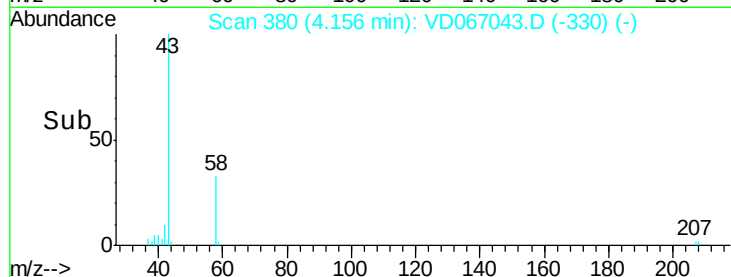
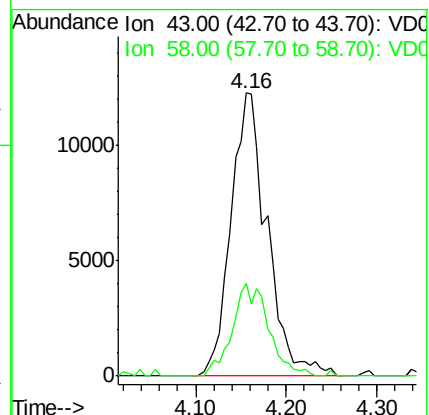
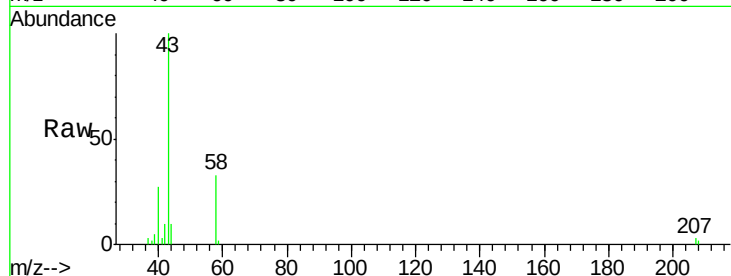
RBR-200010

Tot Ion: 43 Resp: 34101

Ion Ratio Lower Upper

43 100

58 32.6 25.9 38.9



#20

Methylene Chloride

Concen: 11.386 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067043.D

Acq: 02 Oct 2020 18:42

Tgt Ion: 84 Resp: 59198

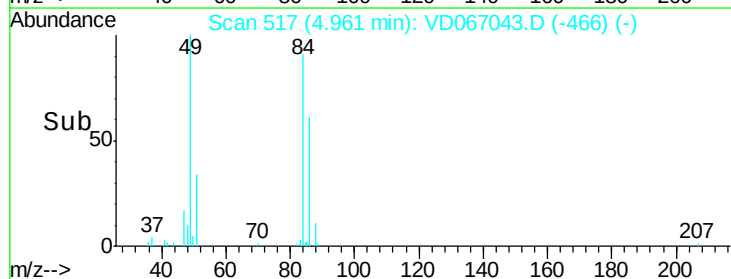
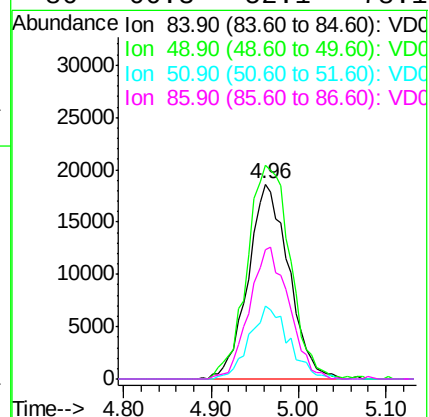
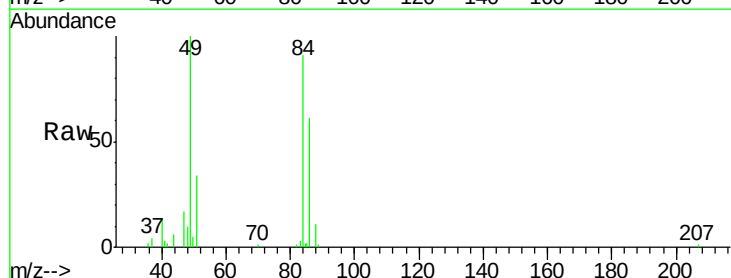
Ion Ratio Lower Upper

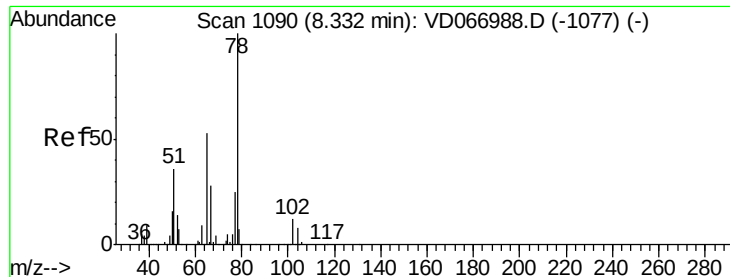
84 100

49 109.5 88.2 132.2

51 37.2 26.6 39.8

86 66.3 52.1 78.1

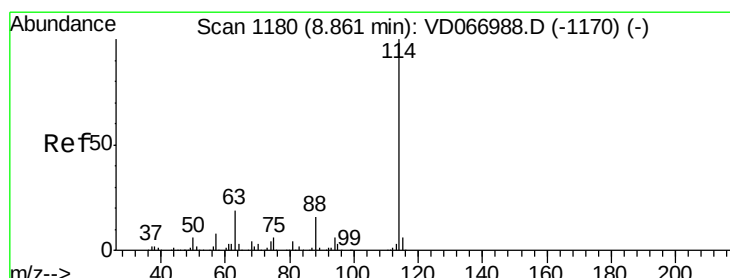
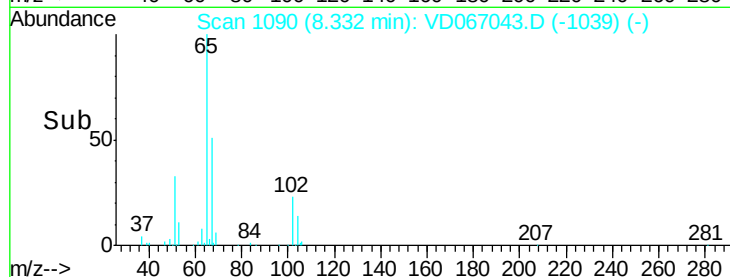
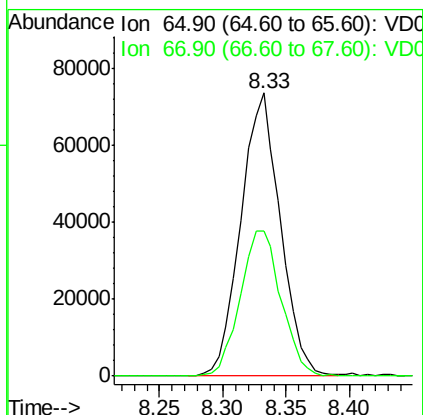
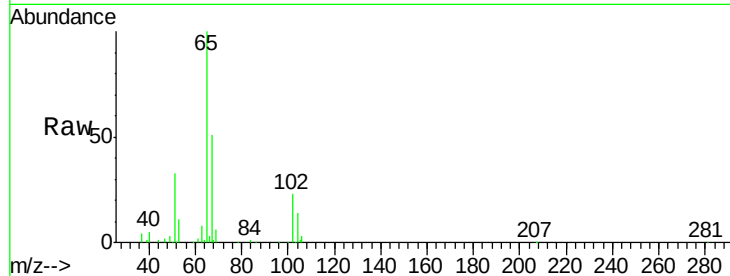




#33
 1,2-Dichloroethane-d4
 Concen: 49.648 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067043.D
 Acq: 02 Oct 2020 18:42

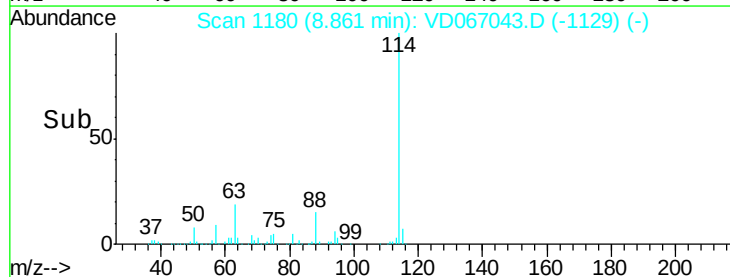
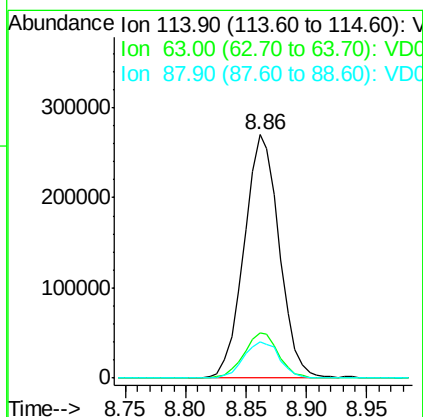
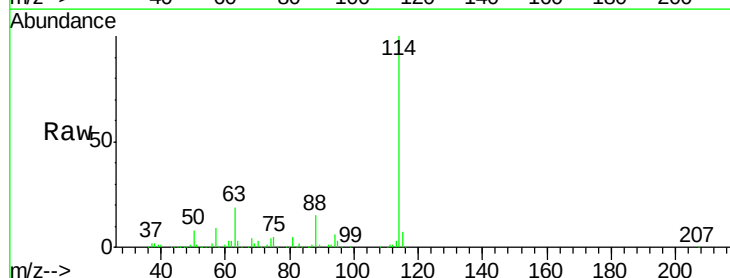
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200010

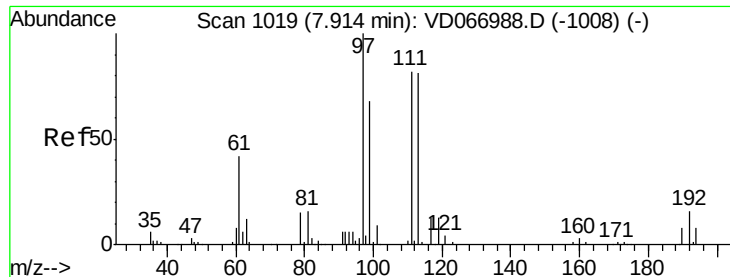
Tot Ion: 65 Resp: 159562
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067043.D
 Acq: 02 Oct 2020 18:42

Tgt Ion: 114 Resp: 547623
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 14.9 0.0 31.2

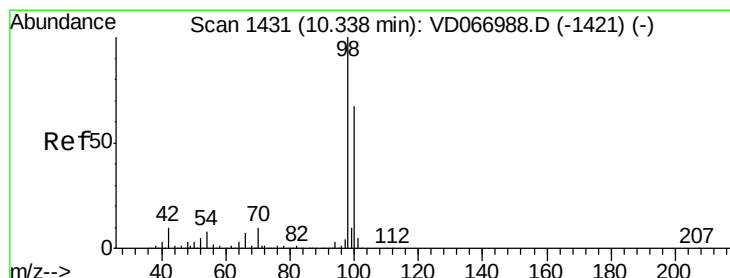
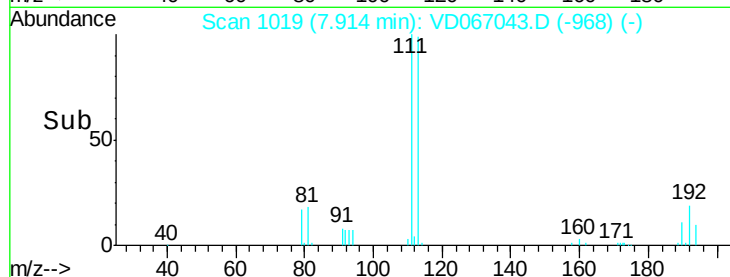
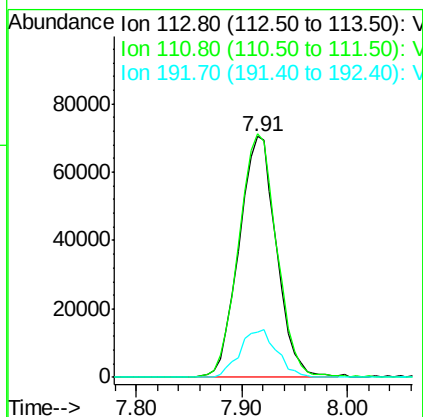
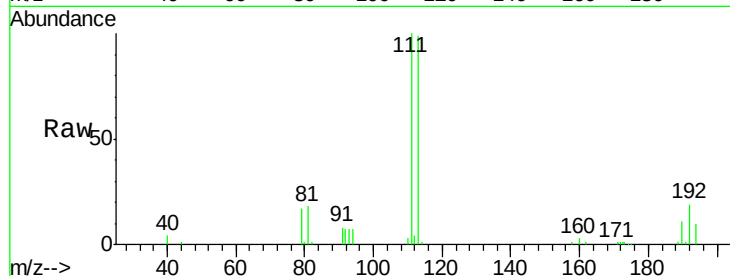




#35
 Dibromofluoromethane
 Concen: 48.235 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067043.D
 Acq: 02 Oct 2020 18:42

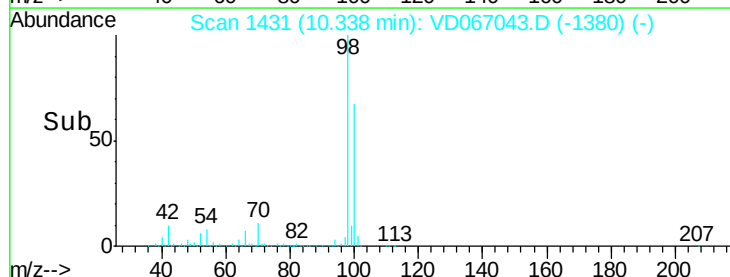
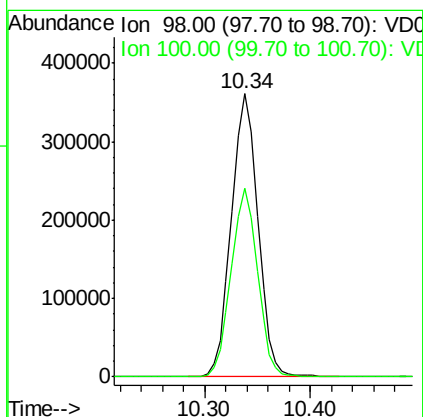
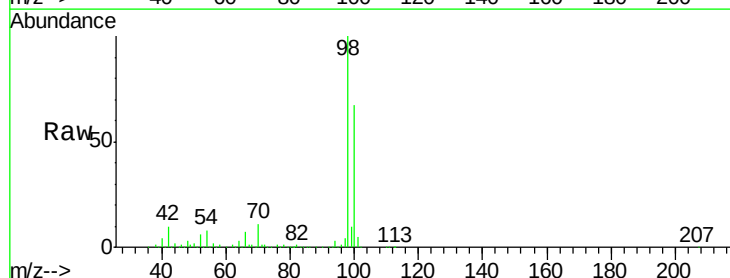
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200010

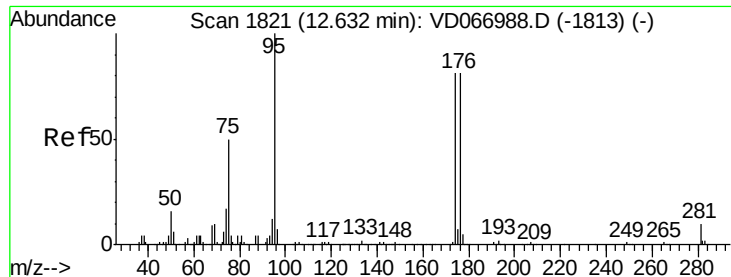
Tot Ion:113 Resp: 172933
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.4
 192 19.7 15.5 23.3



#50
 Toluene-d8
 Concen: 48.308 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067043.D
 Acq: 02 Oct 2020 18:42

Tgt Ion: 98 Resp: 631093
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.8 79.2

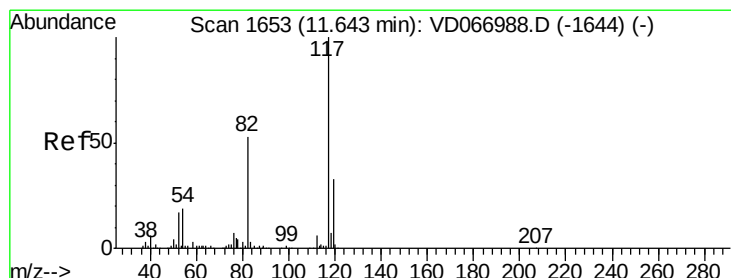
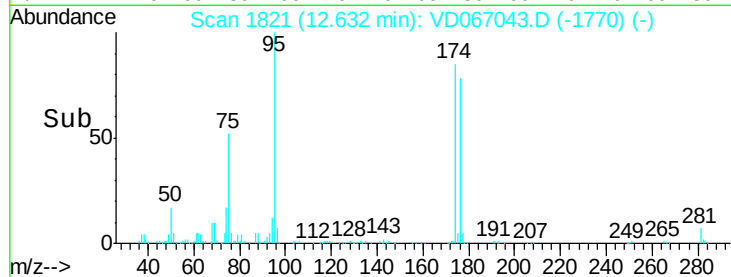
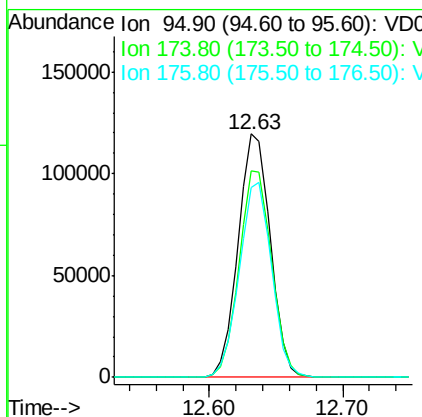
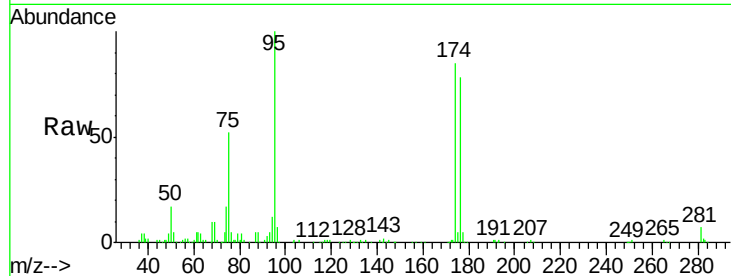




#62
4-Bromofluorobenzene
Concen: 44.902 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067043.D
Acq: 02 Oct 2020 18:42

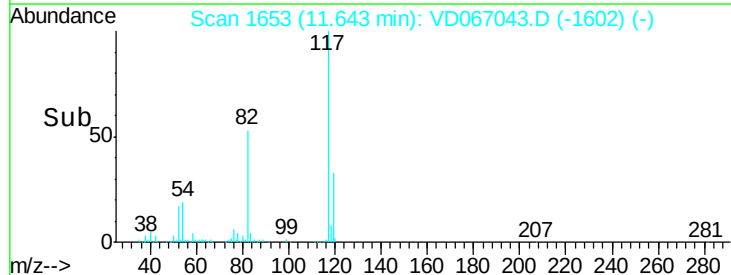
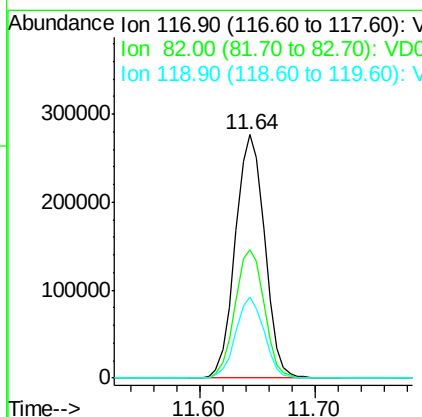
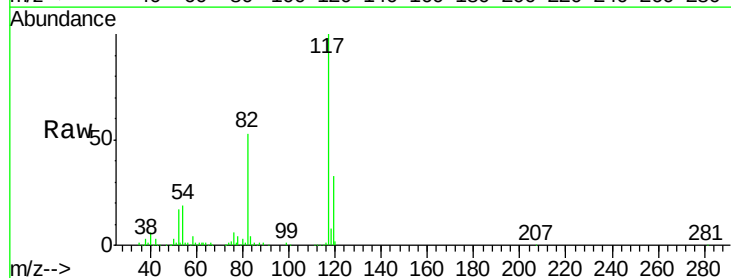
Instrument :
MSVOA_D
ClientSampleId :
RBR-200010

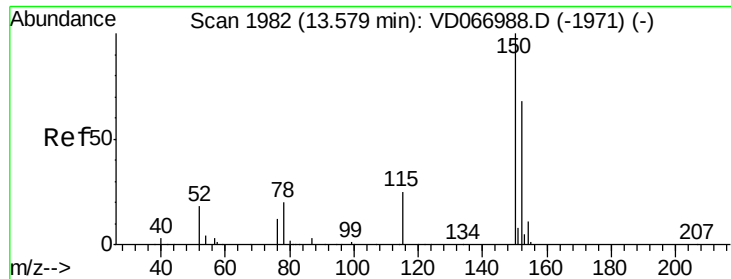
Tot Ion: 95 Resp: 199136
Ion Ratio Lower Upper
95 100
174 85.6 0.0 167.6
176 80.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067043.D
Acq: 02 Oct 2020 18:42

Tgt Ion: 117 Resp: 487588
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 33.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067043.D

Acq: 02 Oct 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

RBR-200010

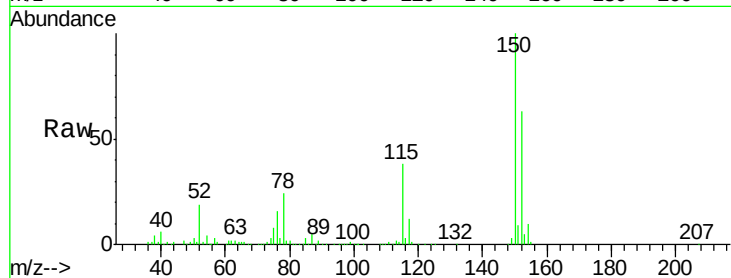
Tot Ion:152 Resp: 216523

Ion Ratio Lower Upper

152 100

115 58.1 29.6 88.8

150 155.6 0.0 344.8



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

