

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067623.D
 Acq On : 12 Nov 2020 15:13
 Operator : VA/SY
 Sample : L4725-01
 Misc : 5.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-31

Quant Time: Nov 13 01:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

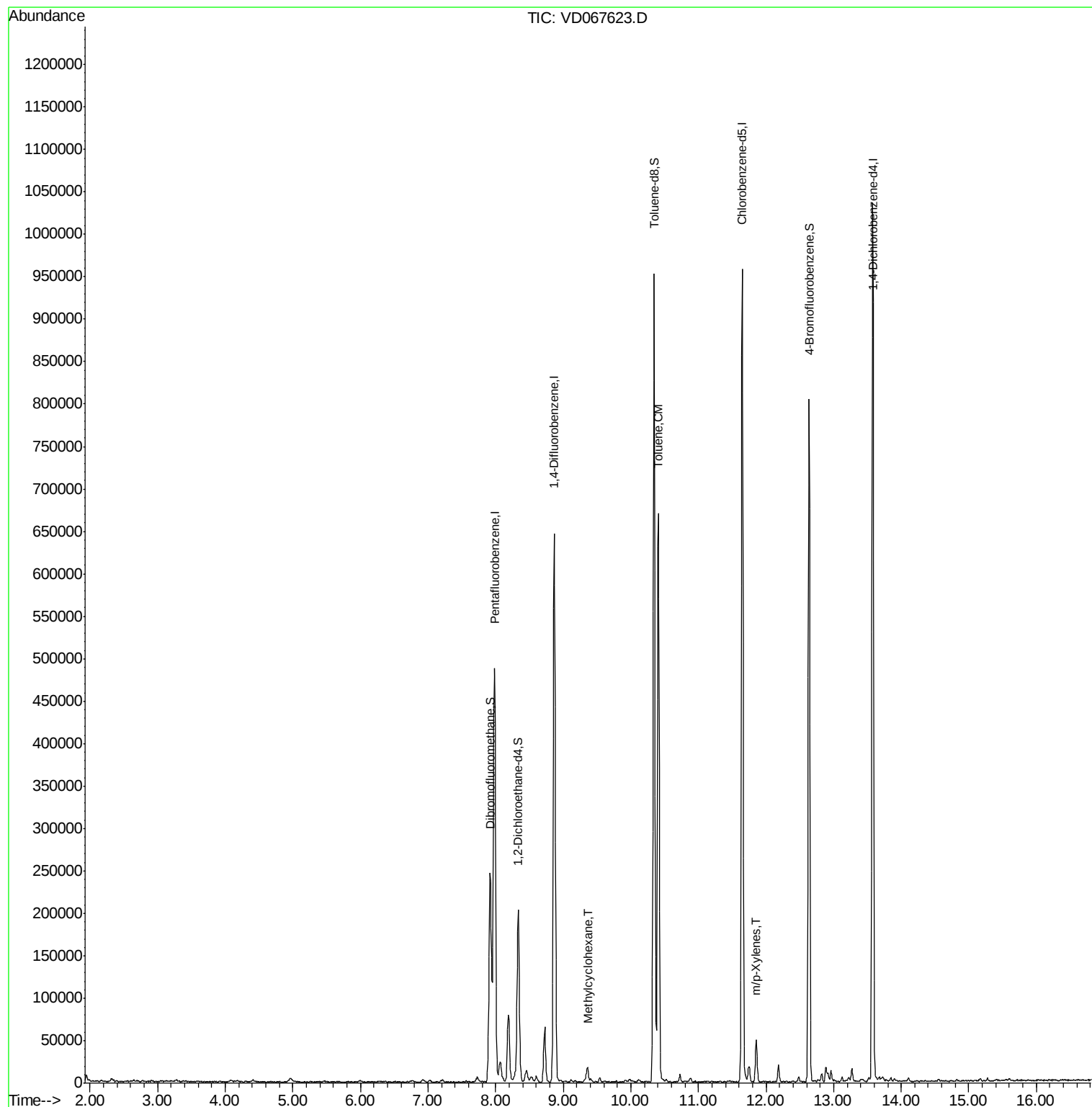
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	359764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	578677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	575649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	173568	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
35) Dibromofluoromethane	7.92	113	178121	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
50) Toluene-d8	10.34	98	658962	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.64	95	262443	62.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.08%	
Target Compounds						
39) Methylcyclohexane	9.37	83	6236	1.070	ug/l	90
52) Toluene	10.41	92	304319	33.862	ug/l	100
68) m/p-Xylenes	11.86	106	16610	2.250	ug/l	95

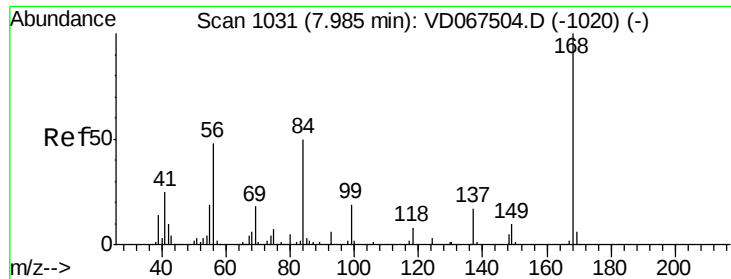
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111220\
Data File : VD067623.D
Acq On : 12 Nov 2020 15:13
Operator : VA/SY
Sample : L4725-01
Misc : 5.31G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-31

Quant Time: Nov 13 01:32:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067623.D

Acq: 12 Nov 2020 15:13

Instrument :

MSVOA_D

ClientSampleId :

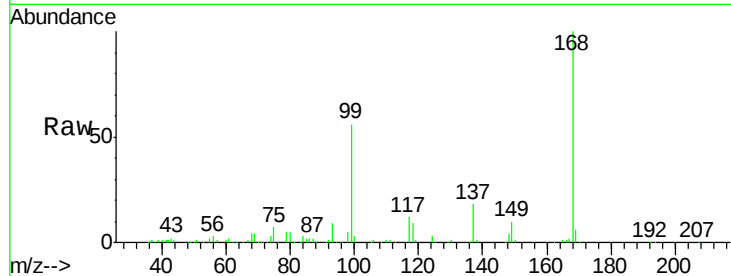
RBR-31

Tot Ion:168 Resp: 359764

Ion Ratio Lower Upper

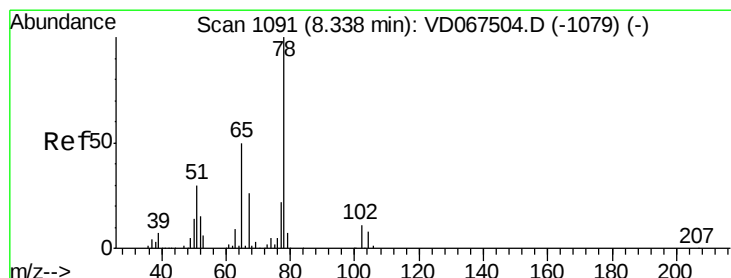
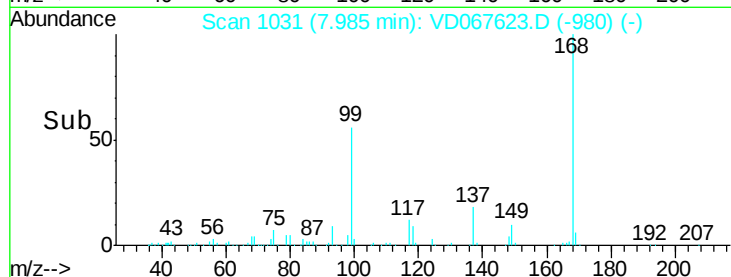
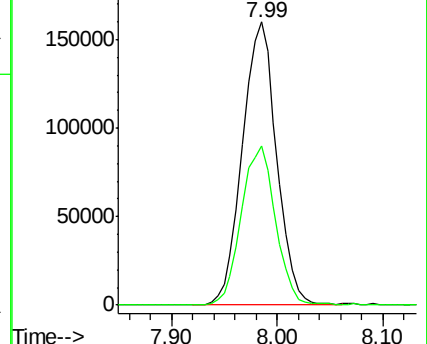
168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 55.176 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067623.D

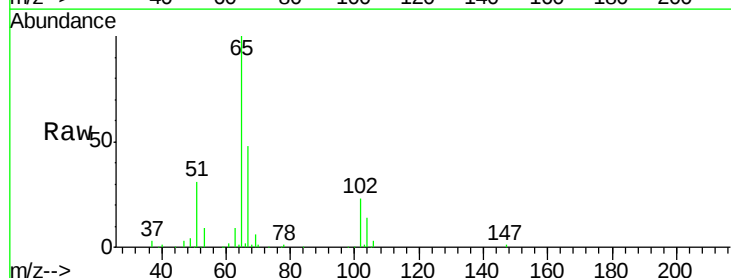
Acq: 12 Nov 2020 15:13

Tgt Ion: 65 Resp: 173568

Ion Ratio Lower Upper

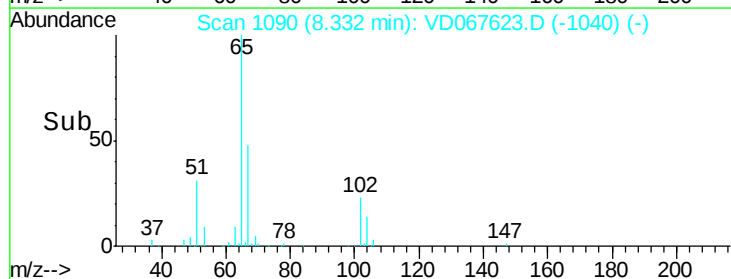
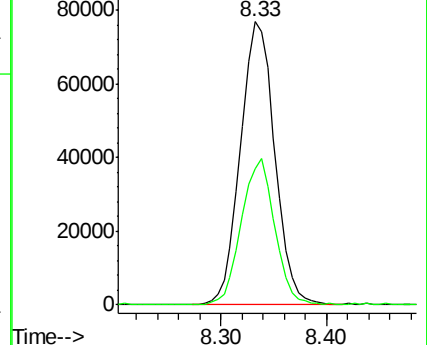
65 100

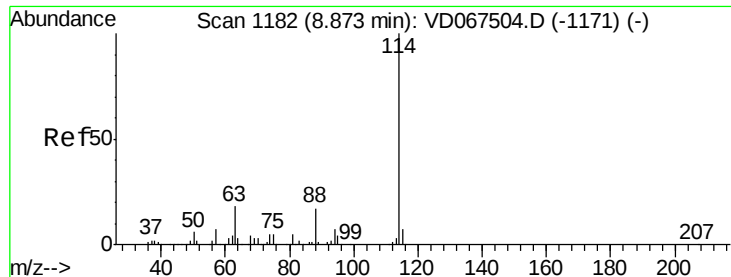
67 50.3 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

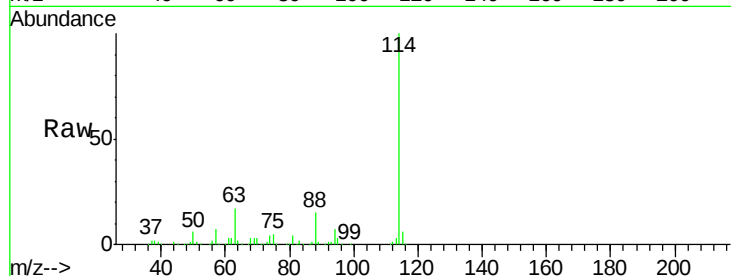




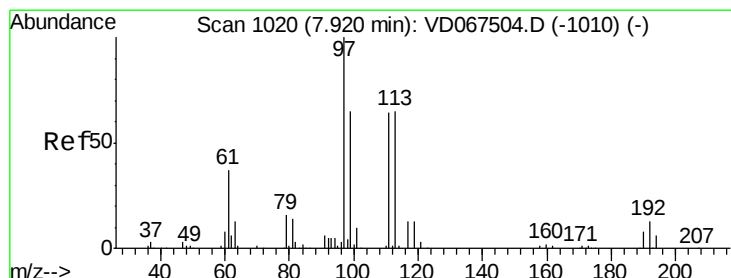
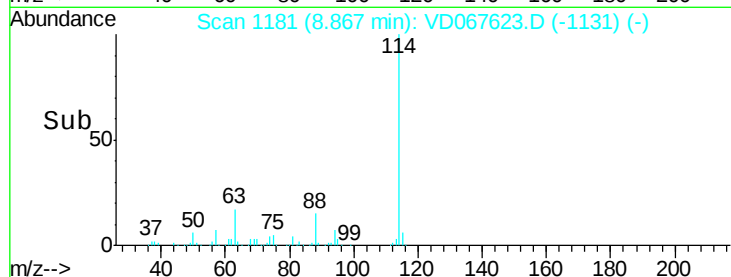
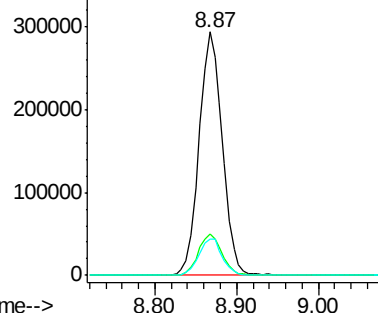
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067623.D
 Acq: 12 Nov 2020 15:13

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-31

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.0
88	15.1	0.0	33.0

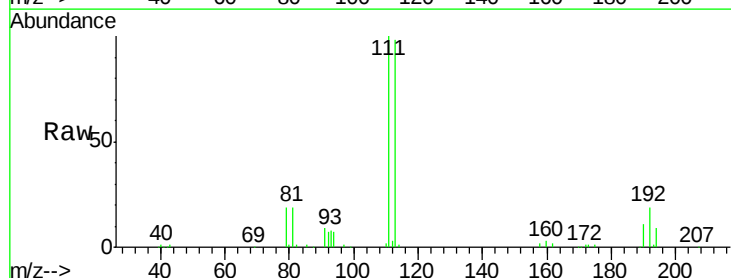


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

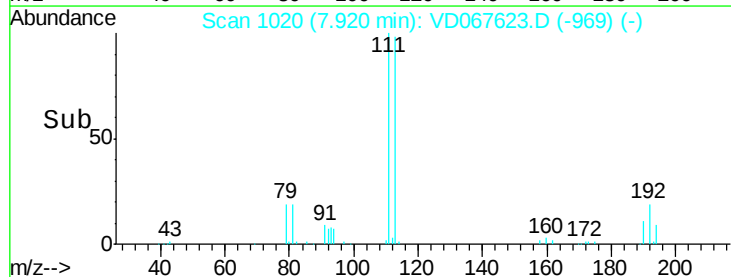
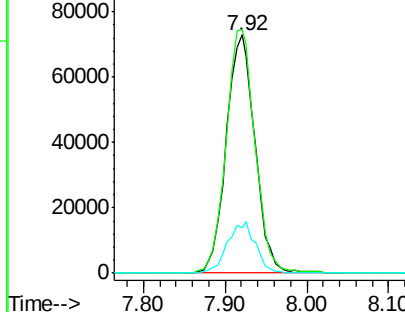


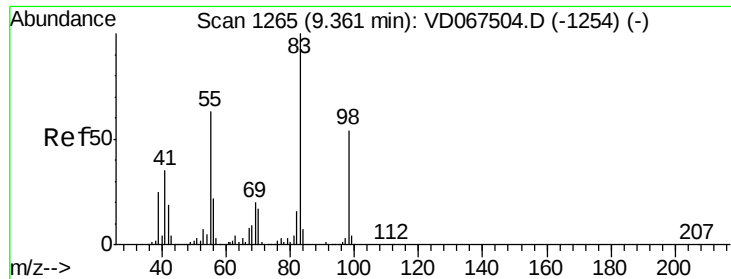
#35
 Dibromofluoromethane
 Concen: 51.089 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067623.D
 Acq: 12 Nov 2020 15:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.0	120.0
192	21.0	16.3	24.5



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

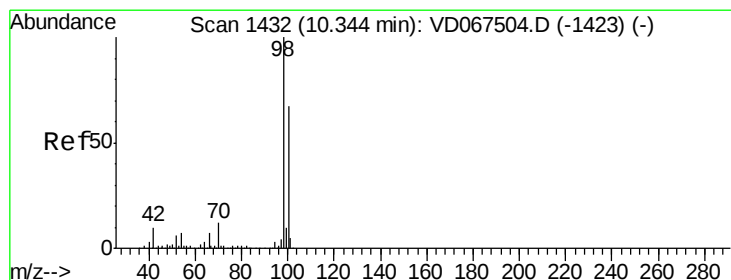
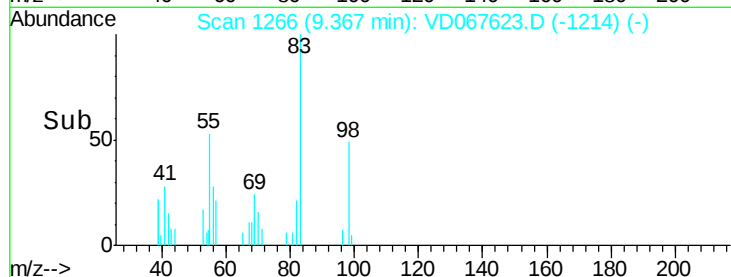
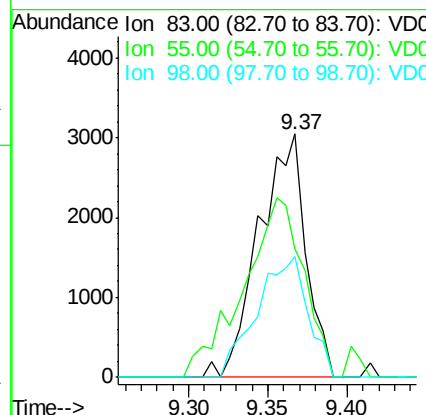
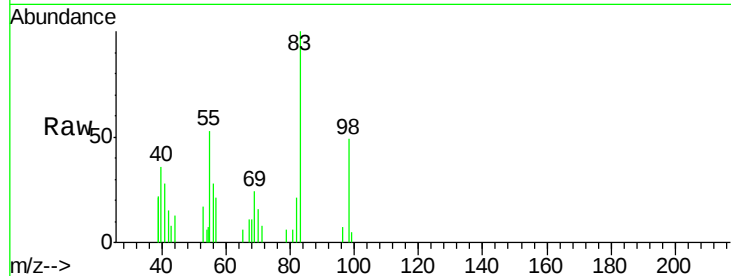




#39
Methvlcvclohexane
Concen: 1.070 ug/l
RT: 9.37 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VD067623.D
Acq: 12 Nov 2020 15:13

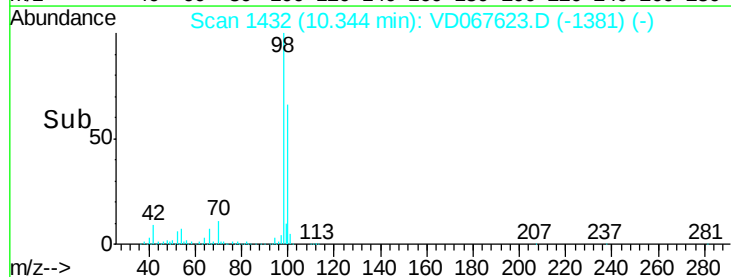
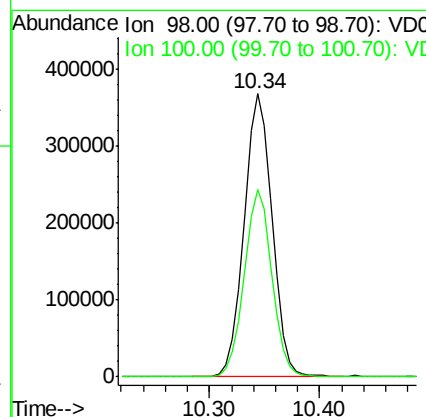
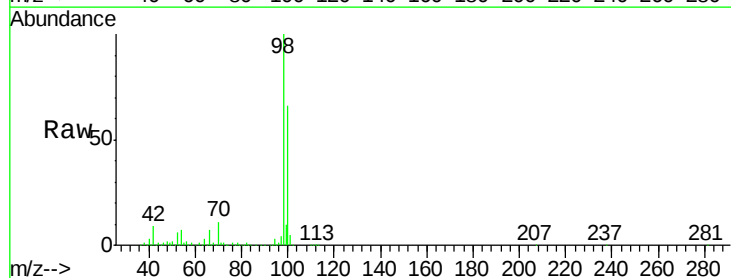
Instrument :
MSVOA_D
ClientSampleId :
RBR-31

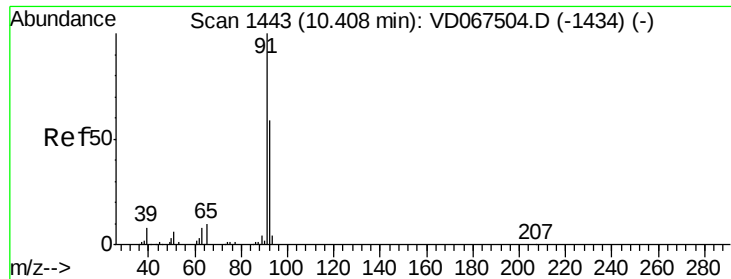
Tot Ion: 83 Resp: 6236
Ion Ratio Lower Upper
83 100
55 52.9 50.5 75.7
98 49.4 43.4 65.0



#50
Toluene-d8
Concen: 53.782 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067623.D
Acq: 12 Nov 2020 15:13

Tgt Ion: 98 Resp: 658962
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6





#52

Toluene

Concen: 33.862 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067623.D

Acq: 12 Nov 2020 15:13

Instrument :

MSVOA_D

ClientSampleId :

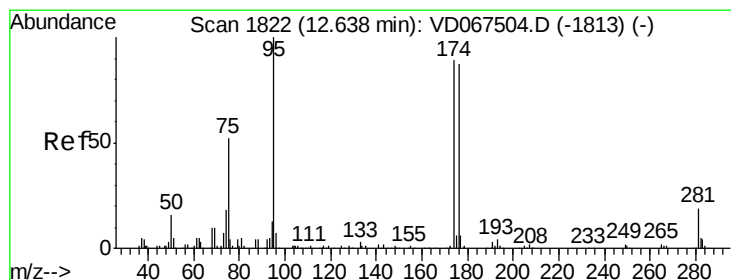
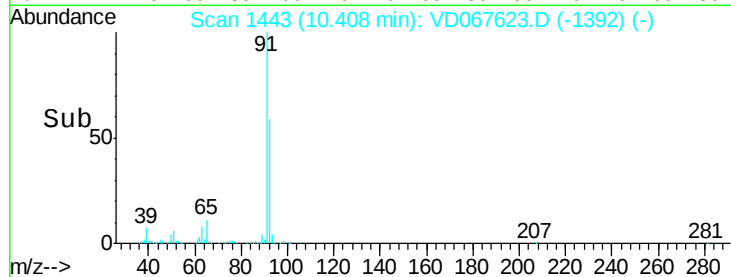
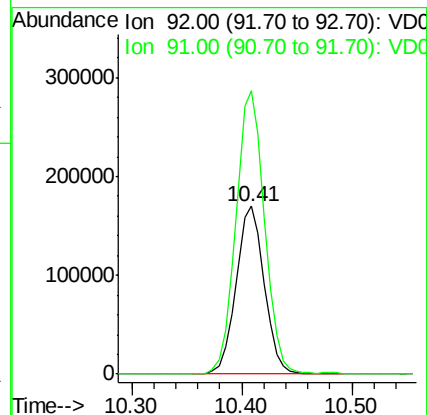
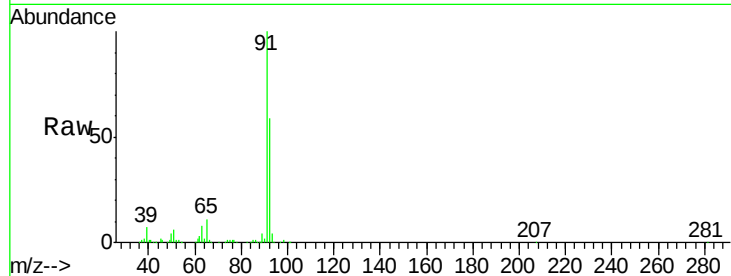
RBR-31

Tot Ion: 92 Resp: 304319

Ion Ratio Lower Upper

92 100

91 171.0 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 62.042 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067623.D

Acq: 12 Nov 2020 15:13

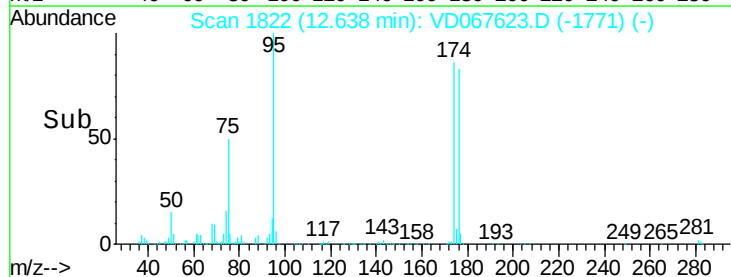
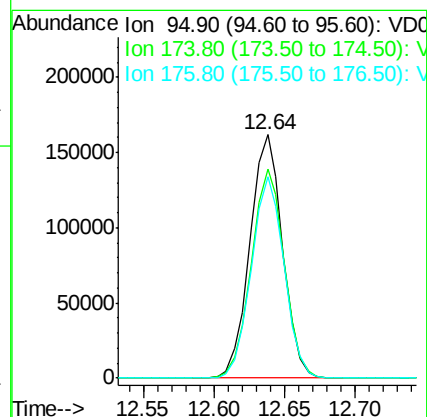
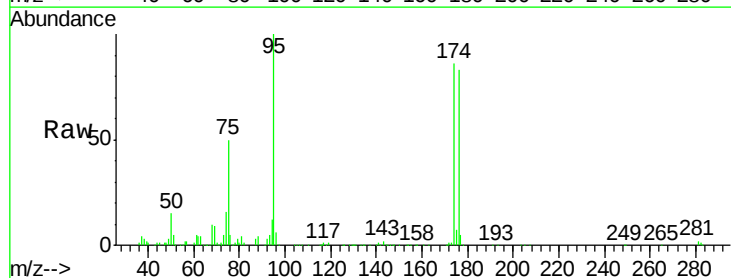
Tgt Ion: 95 Resp: 262443

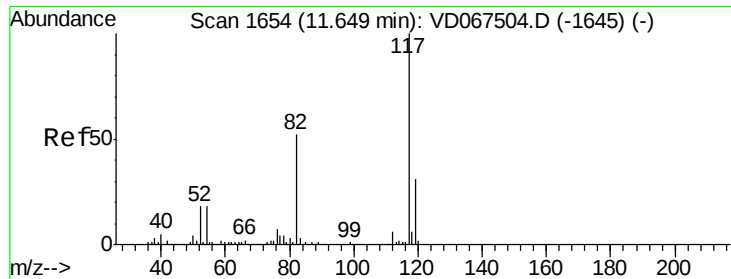
Ion Ratio Lower Upper

95 100

174 87.0 0.0 177.8

176 83.1 0.0 172.0

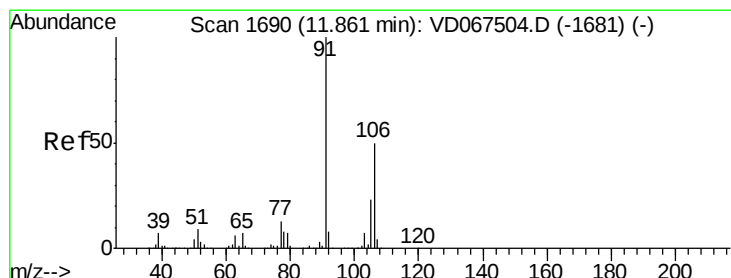
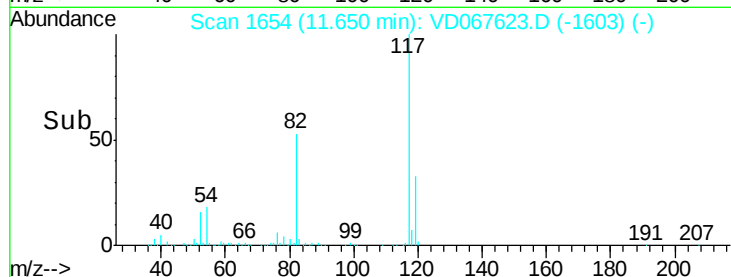
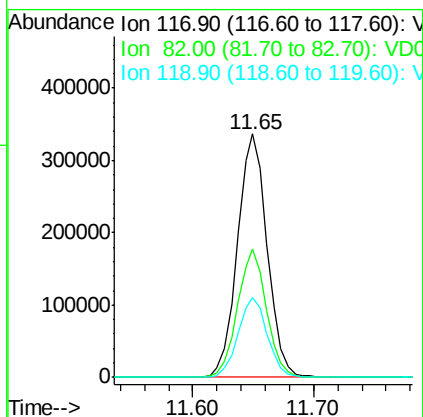
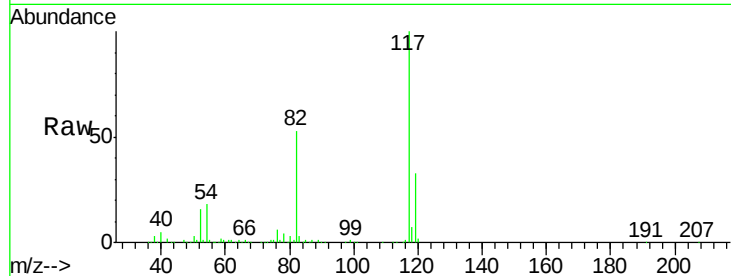




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067623.D
Acq: 12 Nov 2020 15:13

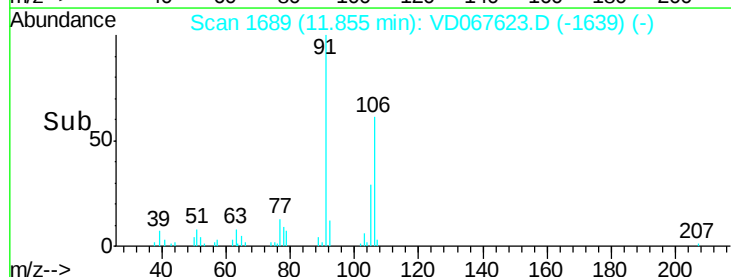
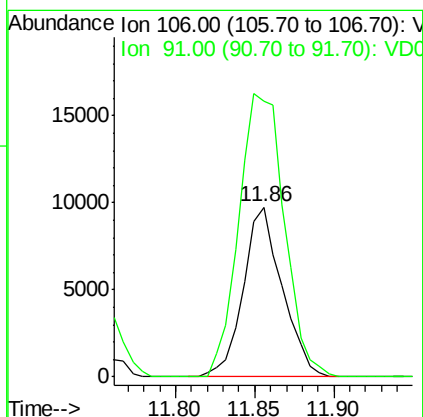
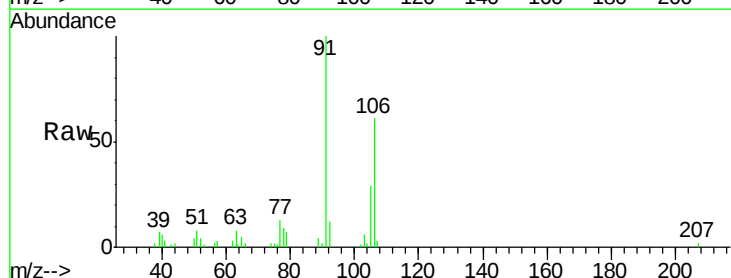
Instrument :
MSVOA_D
ClientSampleId :
RBR-31

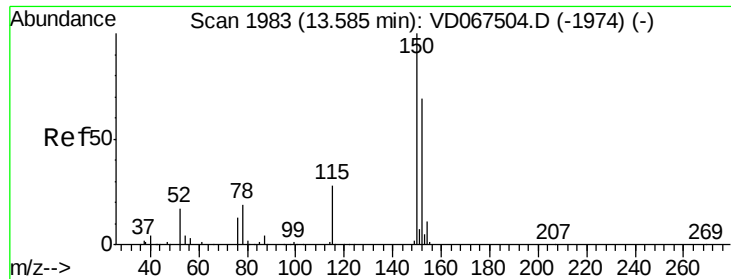
Tot Ion:117 Resp: 575649
Ion Ratio Lower Upper
117 100
82 52.7 41.6 62.4
119 33.0 25.1 37.7



#68
m/p-Xylenes
Concen: 2.250 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067623.D
Acq: 12 Nov 2020 15:13

Tgt Ion:106 Resp: 16610
Ion Ratio Lower Upper
106 100
91 195.2 162.6 244.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067623.D

Acq: 12 Nov 2020 15:13

Instrument :

MSVOA_D

ClientSampleId :

RBR-31

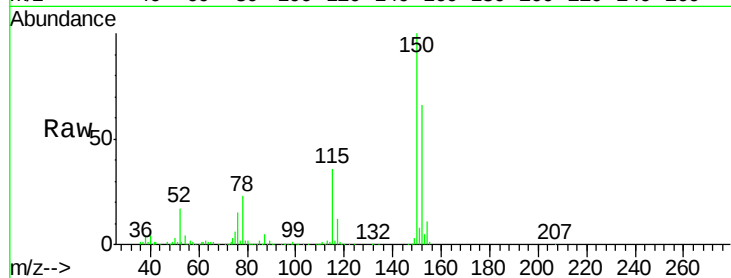
Tot Ion:152 Resp: 298444

Ion Ratio Lower Upper

152 100

115 57.3 29.3 88.0

150 153.6 0.0 338.2



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

