

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067017.D
 Acq On : 02 Oct 2020 03:47
 Operator : VA/SY
 Sample : L4195-01
 Misc : 5.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200010

Quant Time: Oct 02 04:22:46 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

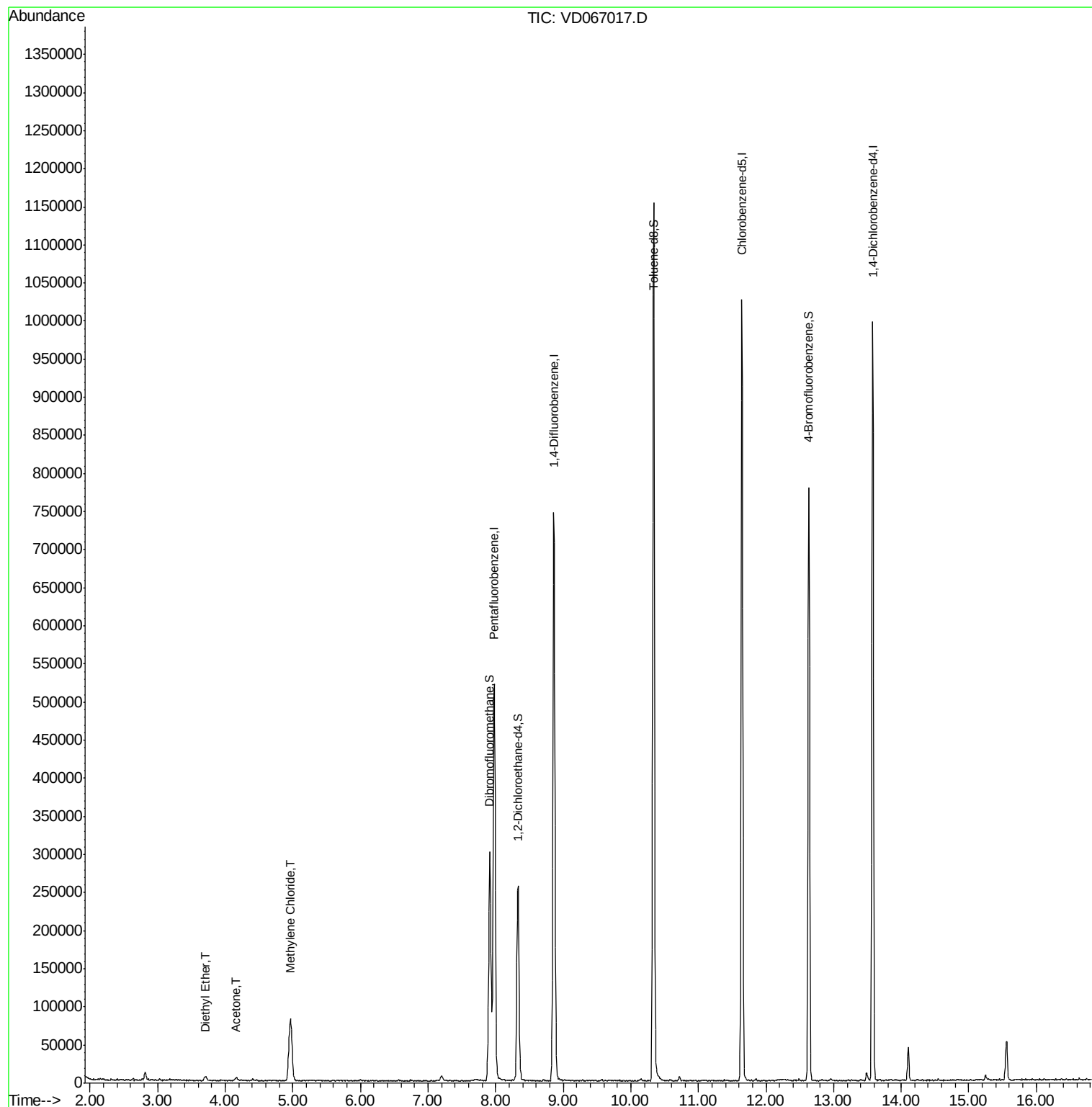
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	659480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	615128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	267888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	207937	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.91	113	218714	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.34	98	792082	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.63	95	250918	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
8) Diethyl Ether	3.71	74	3329	1.936	ug/l	94
16) Acetone	4.16	43	7885	13.721	ug/l #	88
20) Methylene Chloride	4.96	84	70569	11.738	ug/l	98

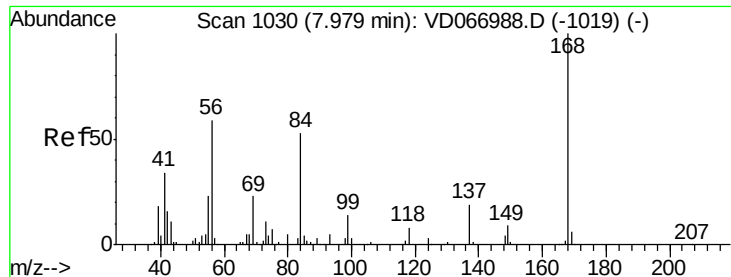
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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Quant Title : SW846 8260
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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: VD067017.D

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Instrument :

MSVOA_D

ClientSampleId :

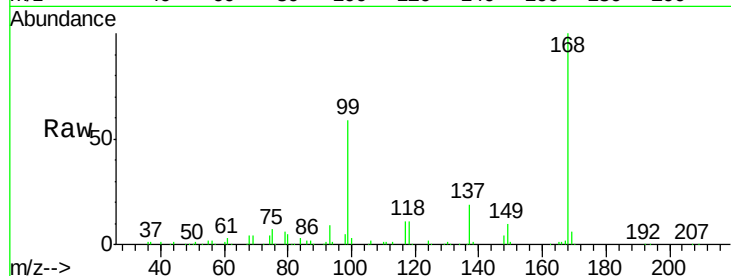
RBR-200010

Tot Ion:168 Resp: 390832

Ion Ratio Lower Upper

168 100

99 58.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

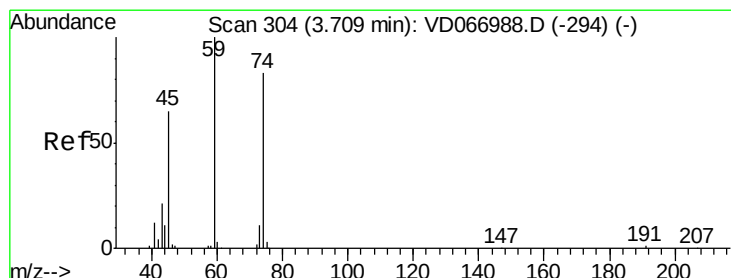
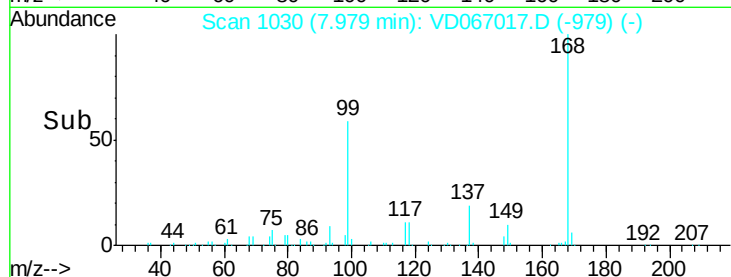
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.936 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD067017.D

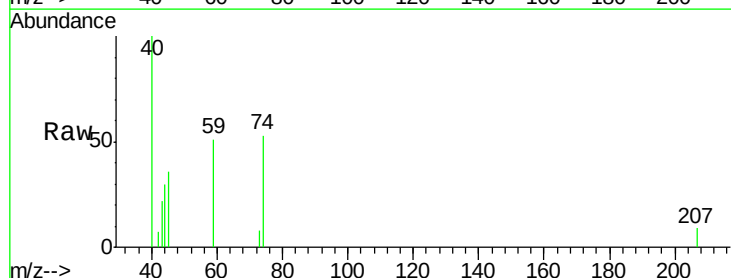
Acq: 02 Oct 2020 03:47

Tgt Ion: 74 Resp: 3329

Ion Ratio Lower Upper

74 100

45 81.0 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

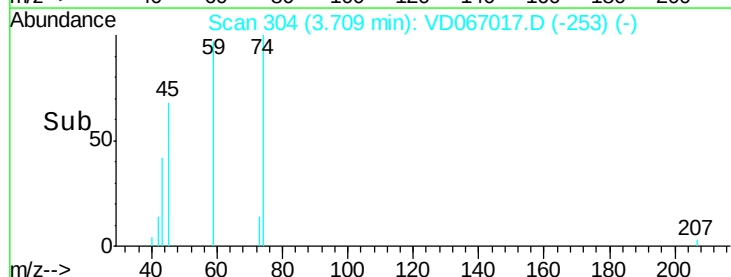
1500

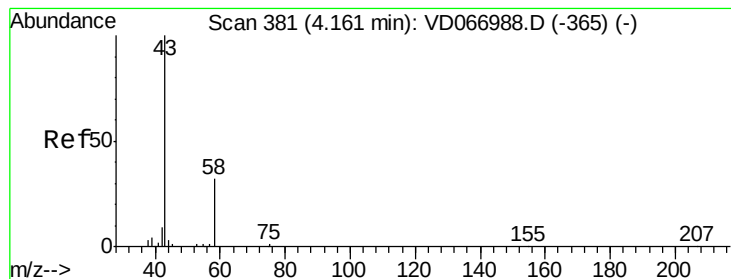
1000

500

0

Time-->





#16

Acetone

Concen: 13.721 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067017.D

Acq: 02 Oct 2020 03:47

Instrument :

MSVOA_D

ClientSampleId :

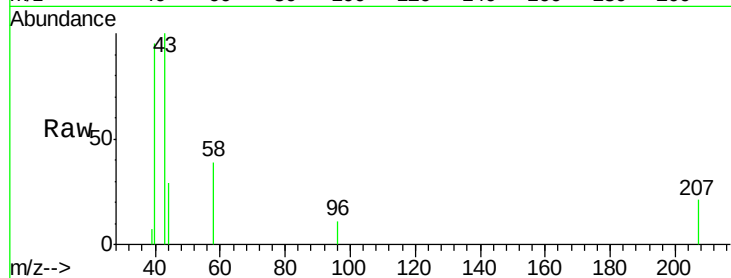
RBR-200010

Tot Ion: 43 Resp: 7885

Ion Ratio Lower Upper

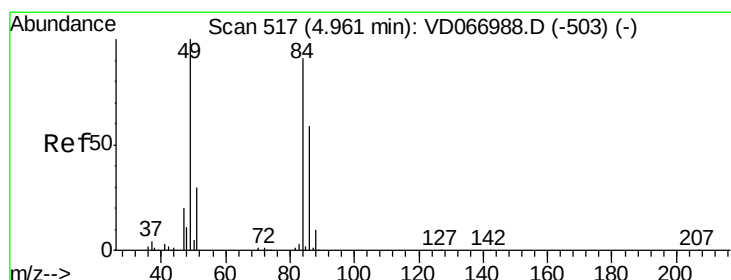
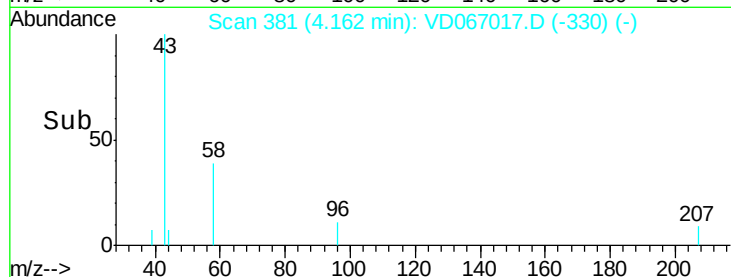
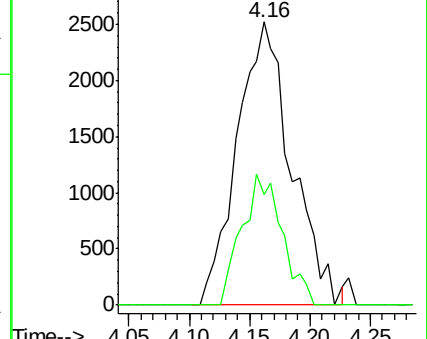
43 100

58 39.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 11.738 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067017.D

Acq: 02 Oct 2020 03:47

Tgt Ion: 84 Resp: 70569

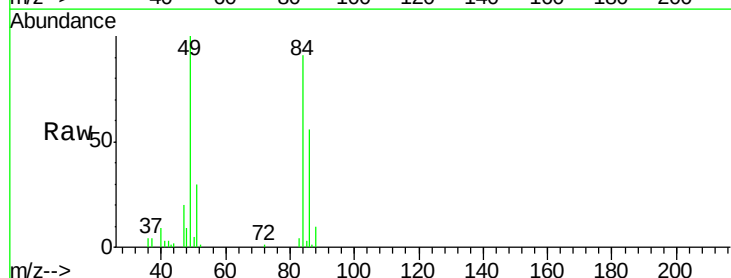
Ion Ratio Lower Upper

84 100

49 110.2 88.2 132.2

51 33.0 26.6 39.8

86 61.3 52.1 78.1

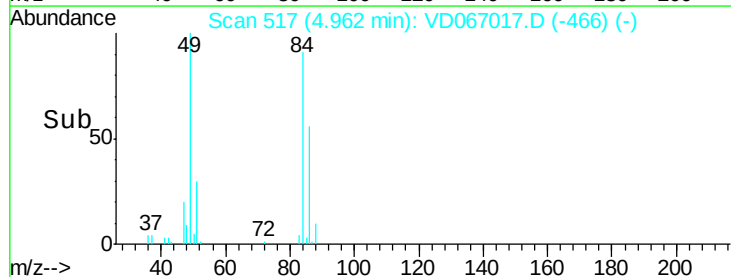
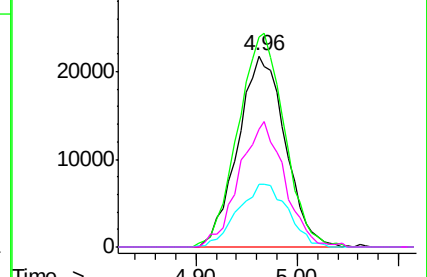


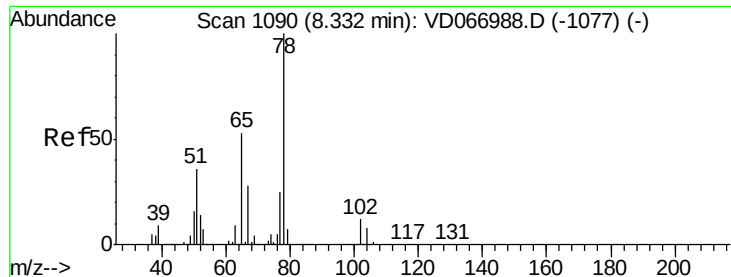
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

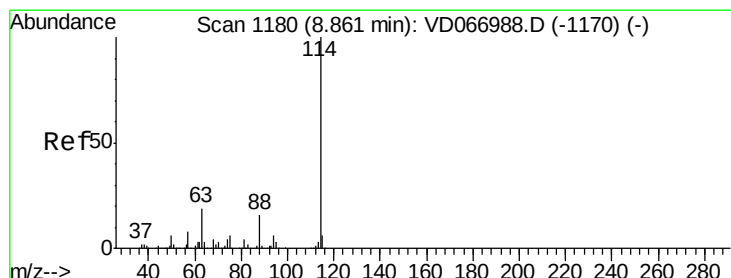
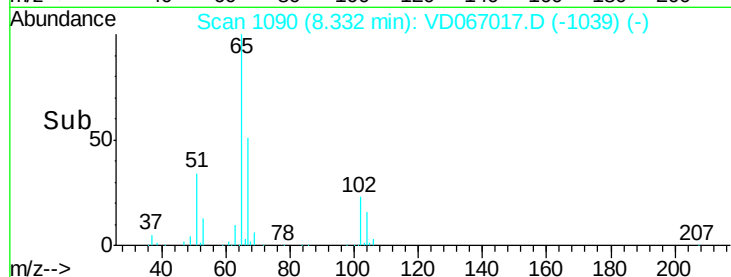
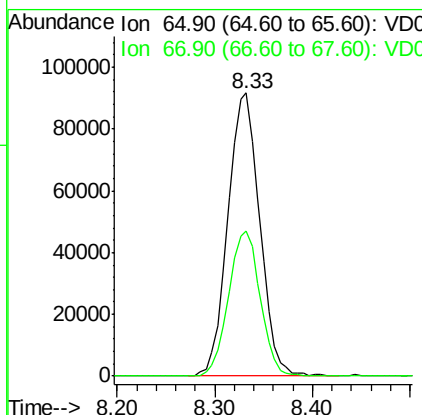
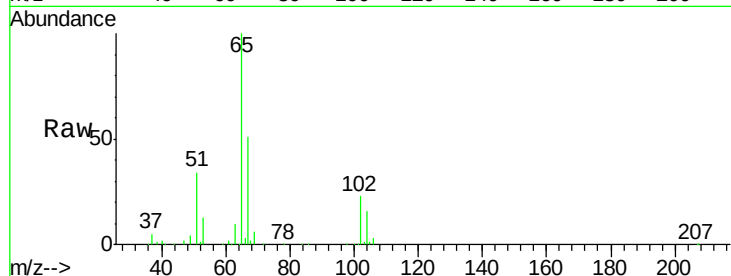




#33
 1,2-Dichloroethane-d4
 Concen: 55.237 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067017.D
 Acq: 02 Oct 2020 03:47

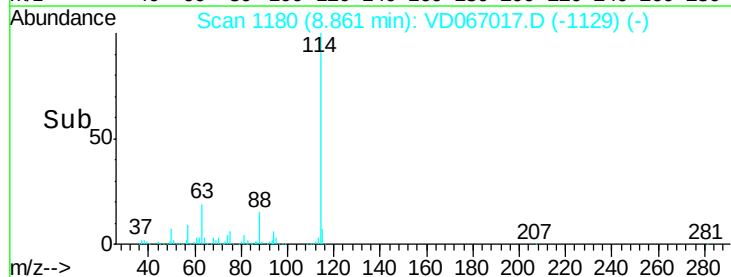
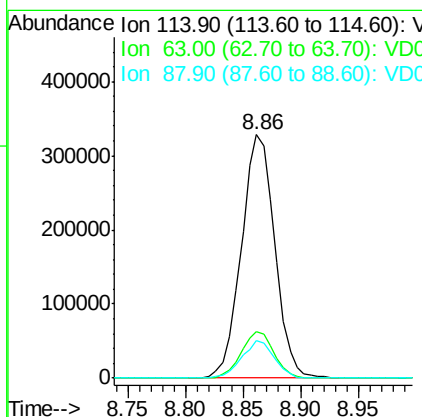
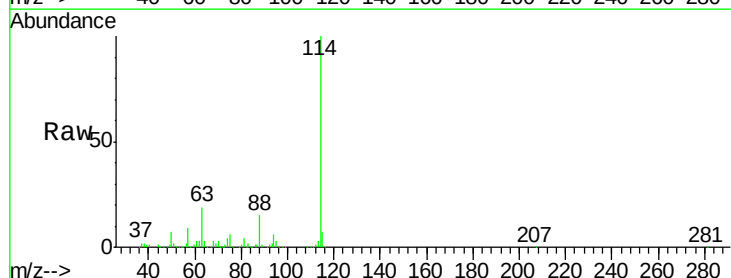
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200010

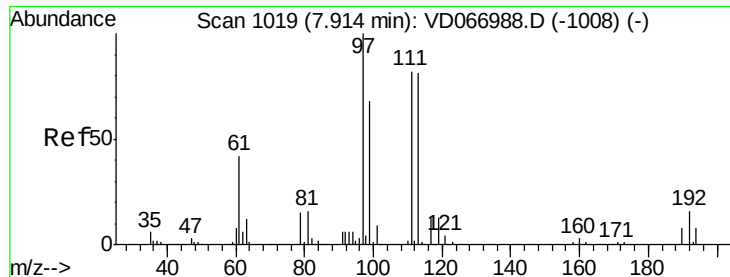
Tot Ion: 65 Resp: 207937
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067017.D
 Acq: 02 Oct 2020 03:47

Tgt Ion: 114 Resp: 659480
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.658 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067017.D

Acq: 02 Oct 2020 03:47

Instrument :

MSVOA_D

ClientSampleId :

RBR-200010

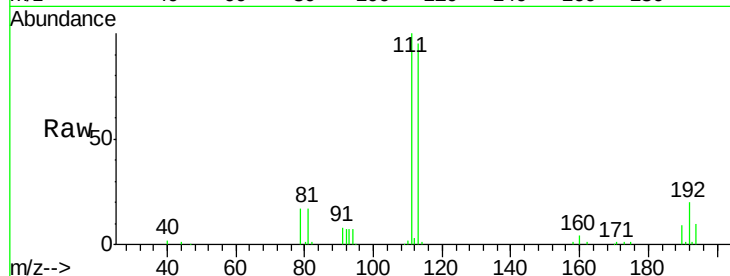
Tot Ion:113 Resp: 218714

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

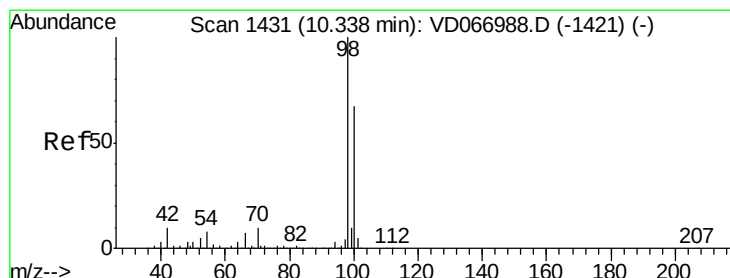
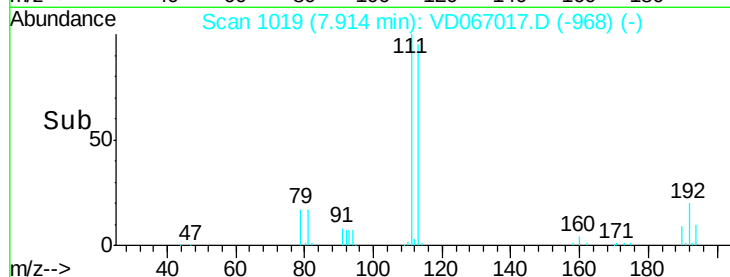
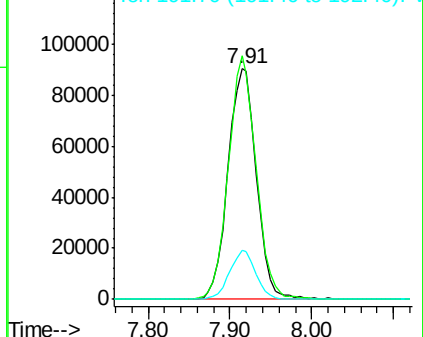
192 19.6 15.5 23.3



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: 50.347 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067017.D

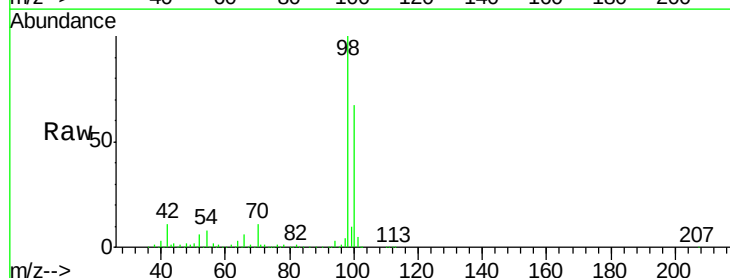
Acq: 02 Oct 2020 03:47

Tgt Ion: 98 Resp: 792082

Ion Ratio Lower Upper

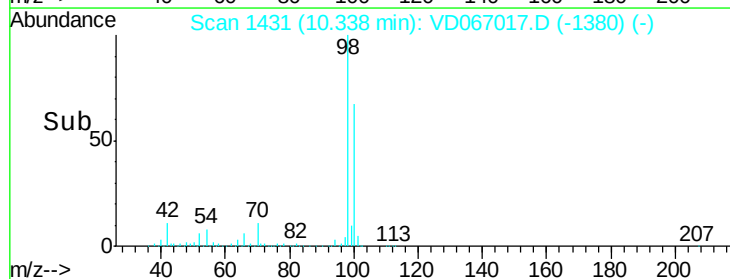
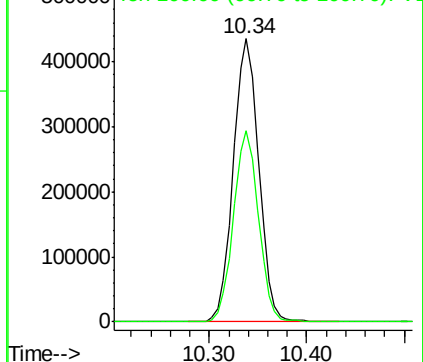
98 100

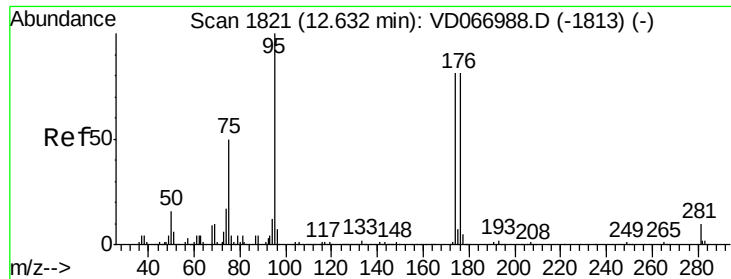
100 66.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

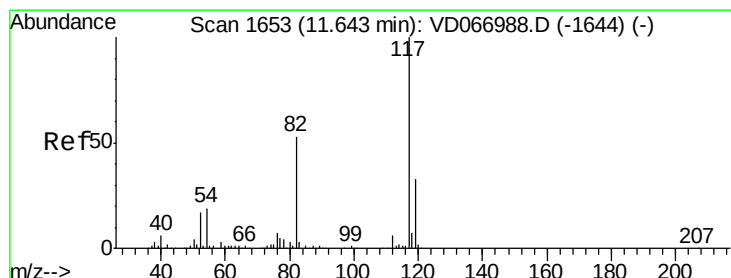
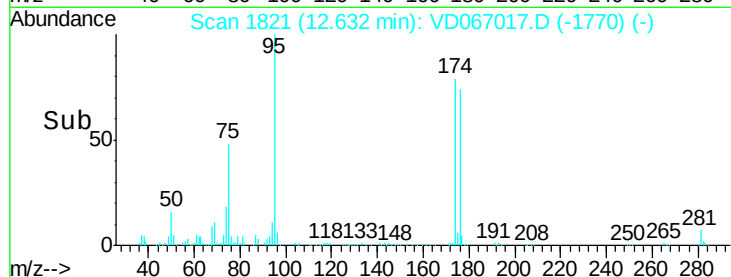
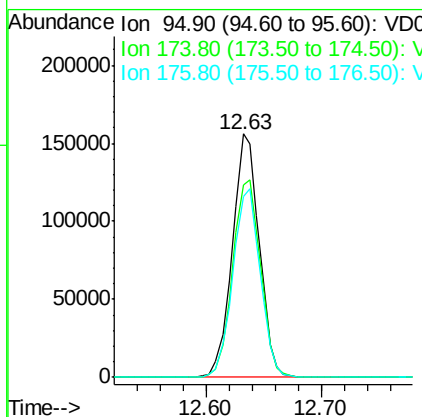
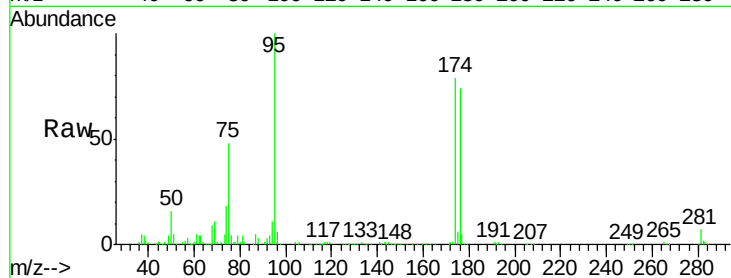




#62
4-Bromofluorobenzene
Concen: 46.982 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067017.D
Acq: 02 Oct 2020 03:47

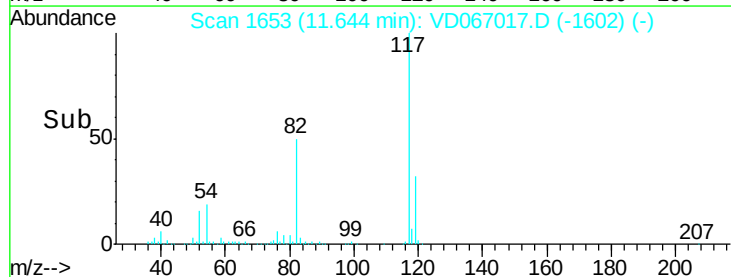
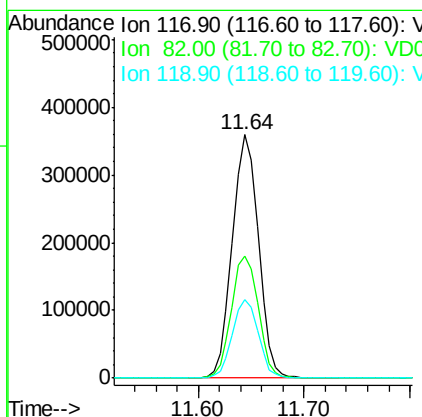
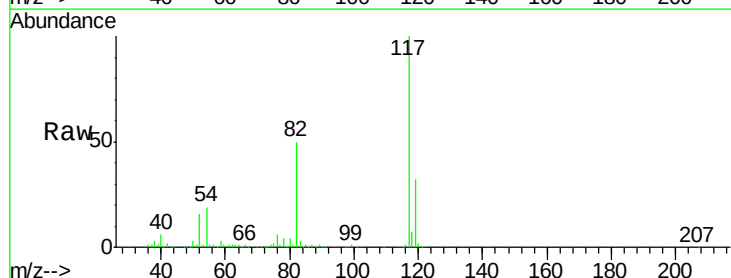
Instrument :
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ClientSampleId :
RBR-200010

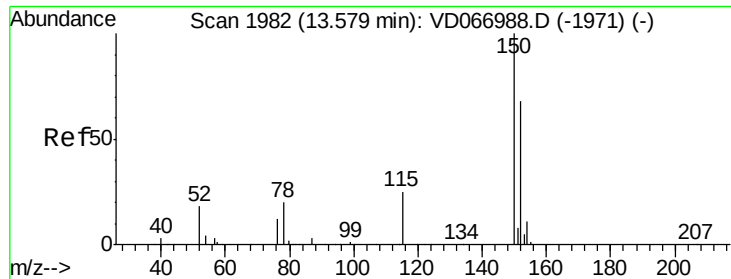
Tot Ion: 95 Resp: 250918
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 78.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067017.D
Acq: 02 Oct 2020 03:47

Tgt Ion: 117 Resp: 615128
Ion Ratio Lower Upper
117 100
82 49.9 42.6 63.8
119 32.4 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: VD067017.D

Acq: 02 Oct 2020 03:47

Instrument :

MSVOA_D

ClientSampleId :

RBR-200010

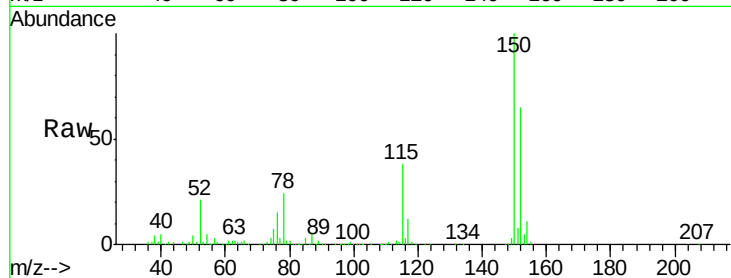
Tot Ion:152 Resp: 267888

Ion Ratio Lower Upper

152 100

115 60.4 29.6 88.8

150 160.8 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

