

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067044.D
 Acq On : 02 Oct 2020 19:10
 Operator : VA/SY
 Sample : L4195-03
 Misc : 11.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251673

Quant Time: Oct 03 05:29:43 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

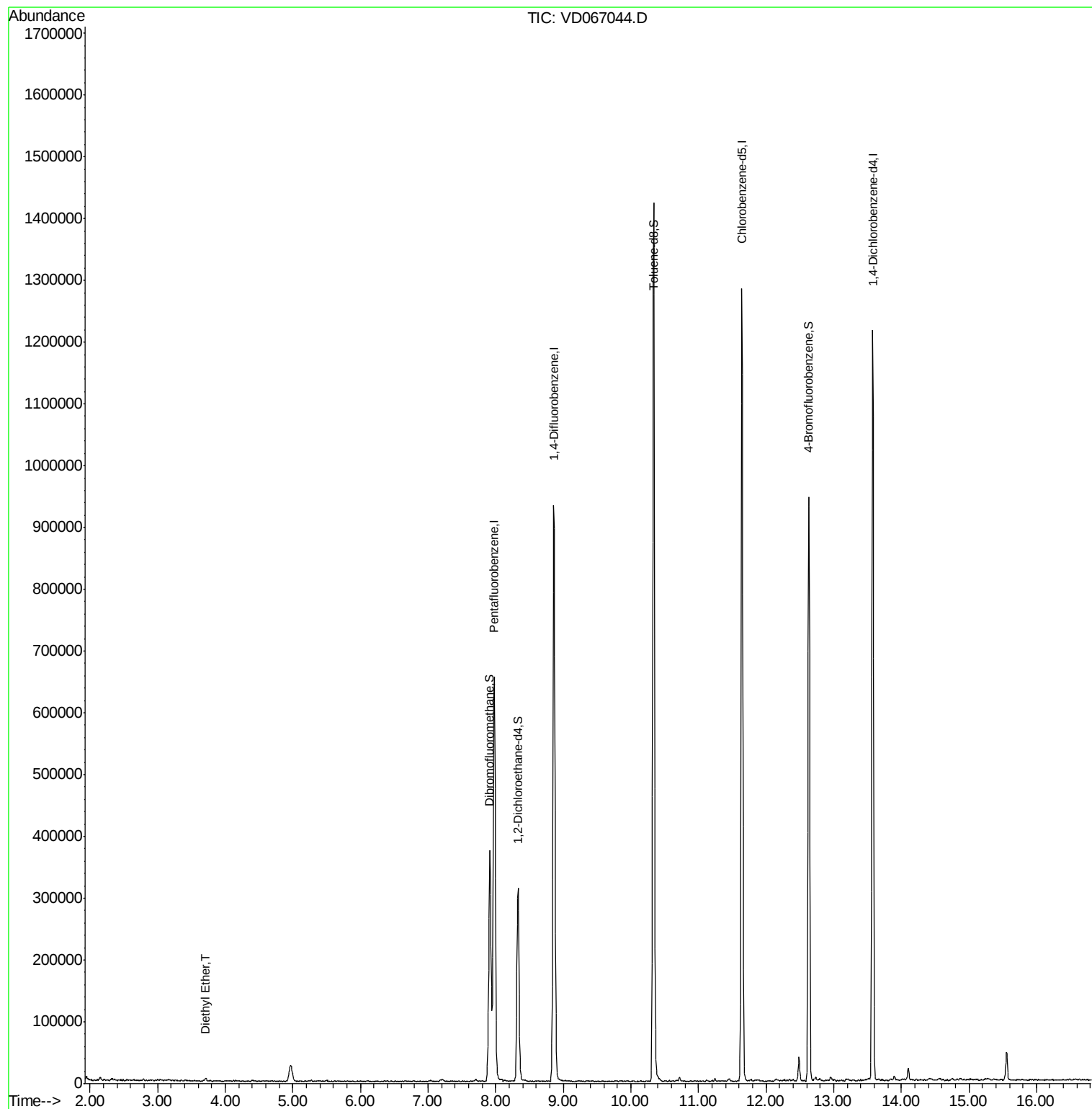
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	499956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	832324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	762414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	336015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	251133	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
35) Dibromofluoromethane	7.91	113	271964	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.34	98	992024	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.63	95	323839	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
8) Diethyl Ether	3.71	74	2264	1.029	ug/l	Qvalue 98

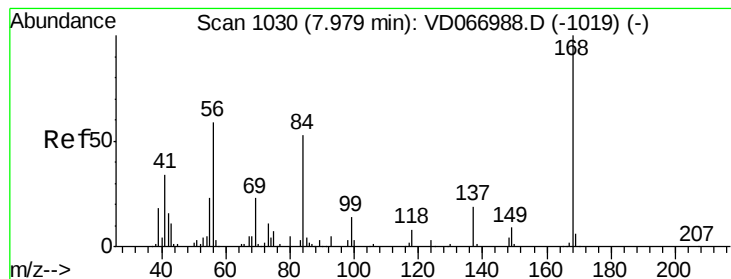
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067044.D

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ClientSampleId :

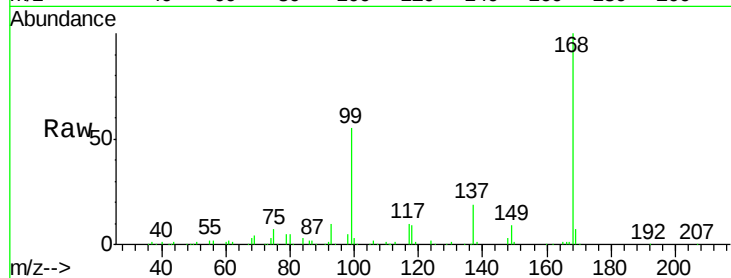
RBR-251673

Tot Ion:168 Resp: 499956

Ion Ratio Lower Upper

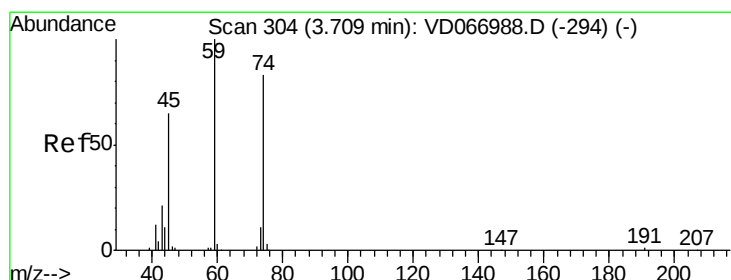
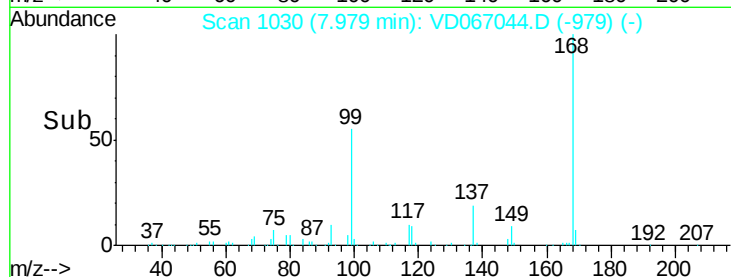
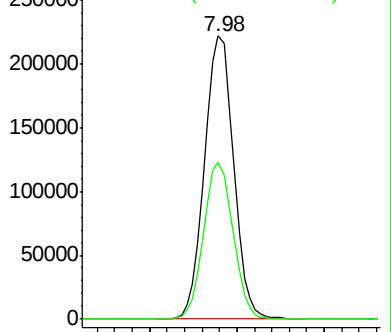
168 100

99 55.3 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: 1.029 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD067044.D

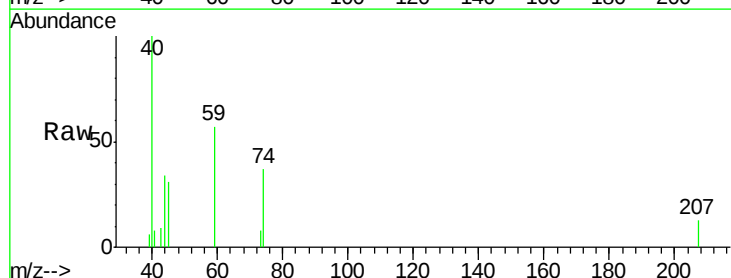
Acq: 02 Oct 2020 19:10

Tgt Ion: 74 Resp: 2264

Ion Ratio Lower Upper

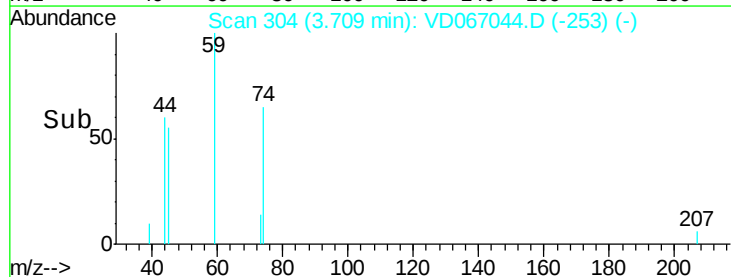
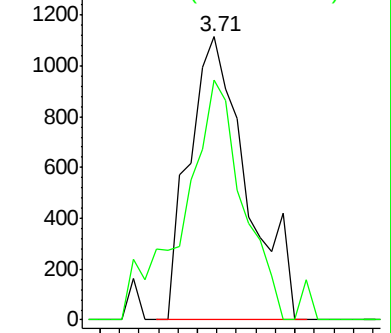
74 100

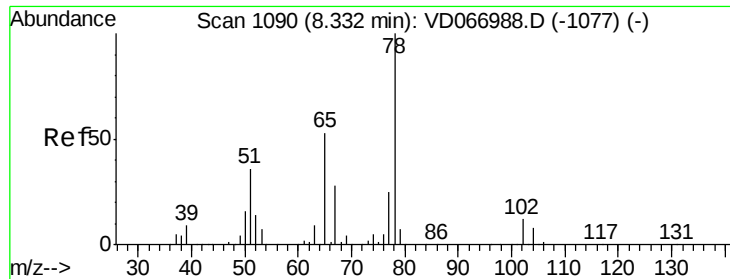
45 88.2 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

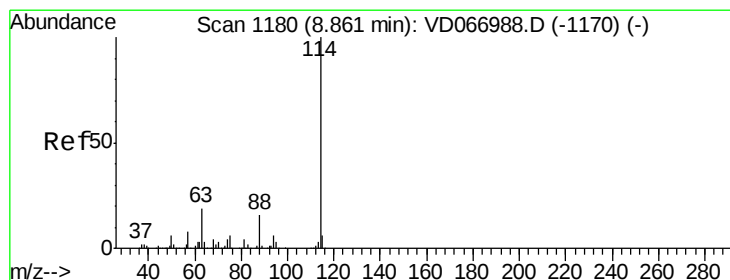
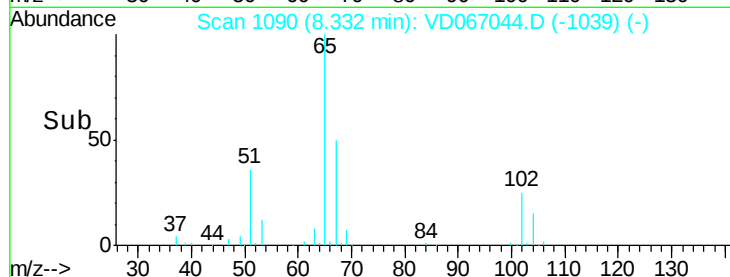
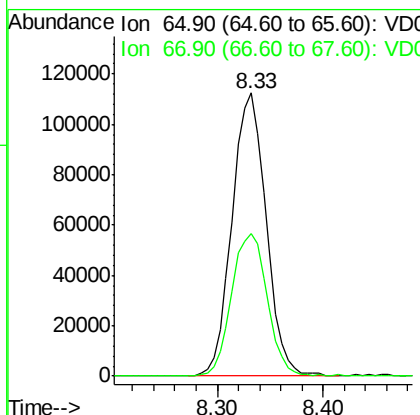
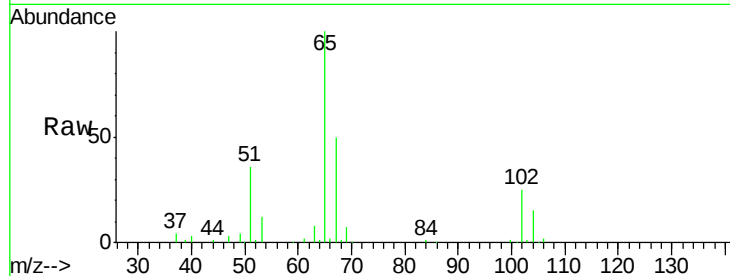




#33
 1,2-Dichloroethane-d4
 Concen: 52.150 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067044.D
 Acq: 02 Oct 2020 19:10

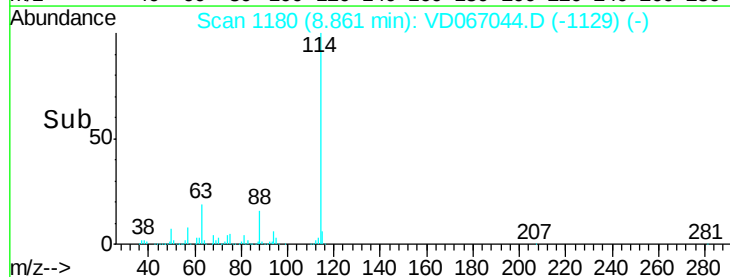
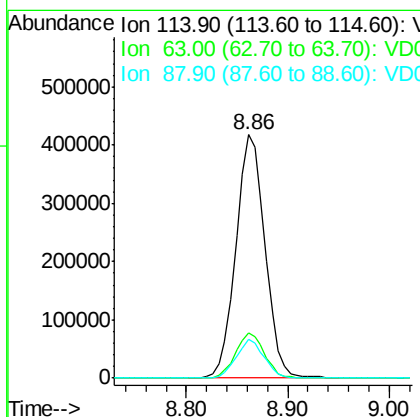
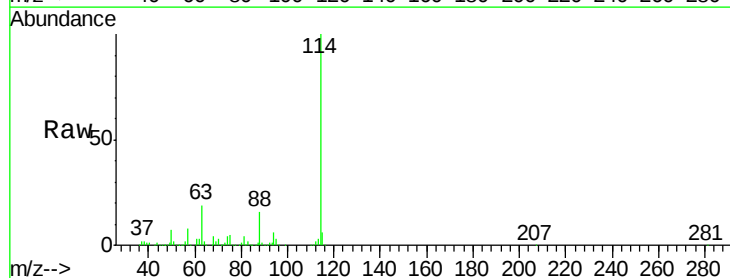
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251673

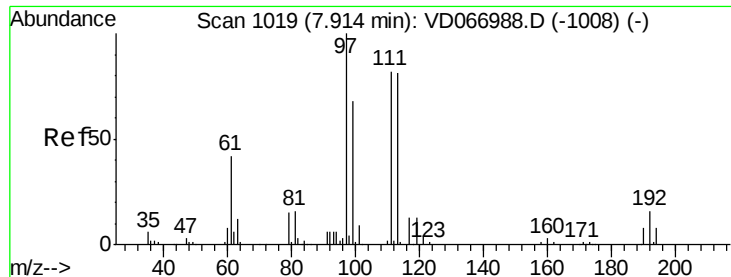
Tot Ion: 65 Resp: 251133
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067044.D
 Acq: 02 Oct 2020 19:10

Tgt Ion: 114 Resp: 832324
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.910 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067044.D

Acq: 02 Oct 2020 19:10

Instrument :

MSVOA_D

ClientSampleId :

RBR-251673

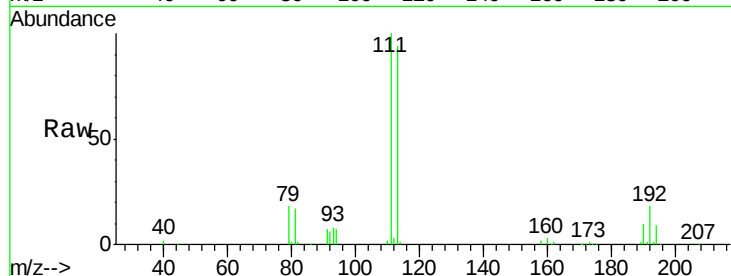
Tot Ion:113 Resp: 271964

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

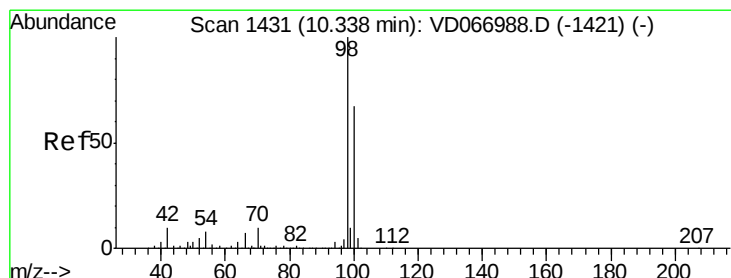
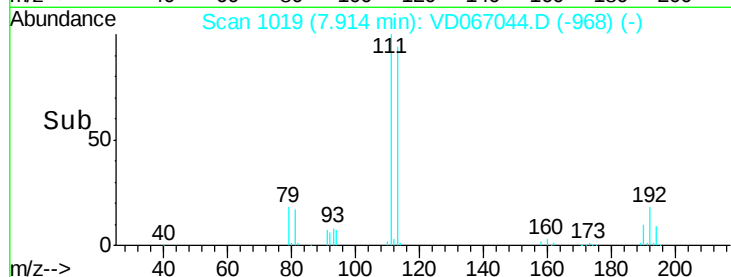
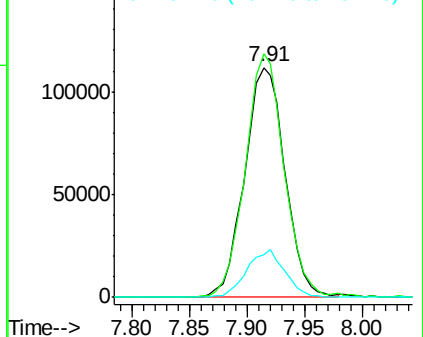
192 19.6 15.5 23.3



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: 49.962 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067044.D

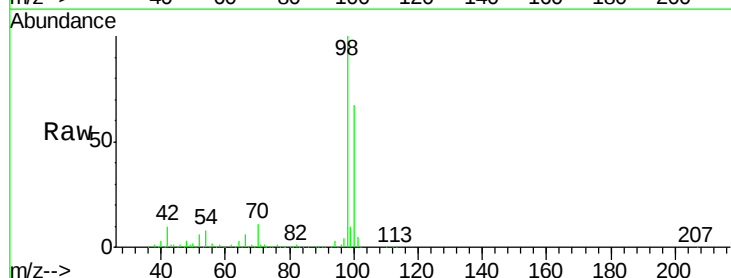
Acq: 02 Oct 2020 19:10

Tgt Ion: 98 Resp: 992024

Ion Ratio Lower Upper

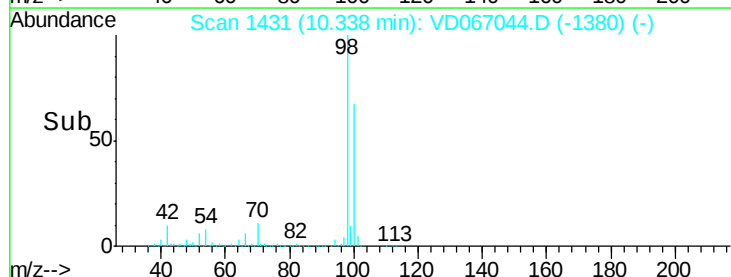
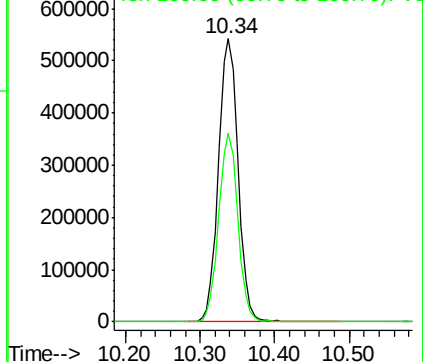
98 100

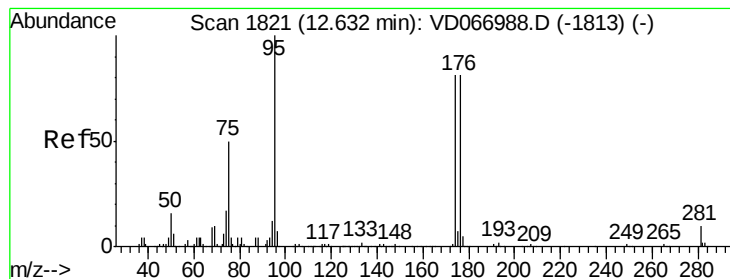
100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.043 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067044.D

Acq: 02 Oct 2020 19:10

Instrument :

MSVOA_D

ClientSampleId :

RBR-251673

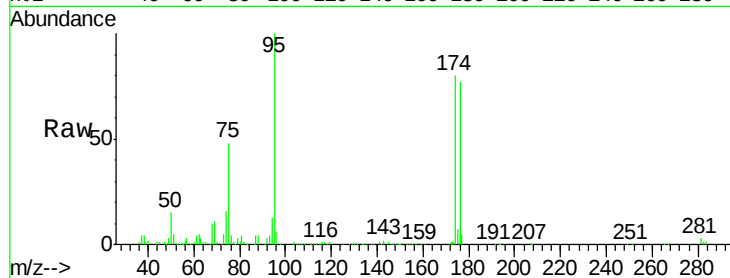
Tot Ion: 95 Resp: 323839

Ion Ratio Lower Upper

95 100

174 81.7 0.0 167.6

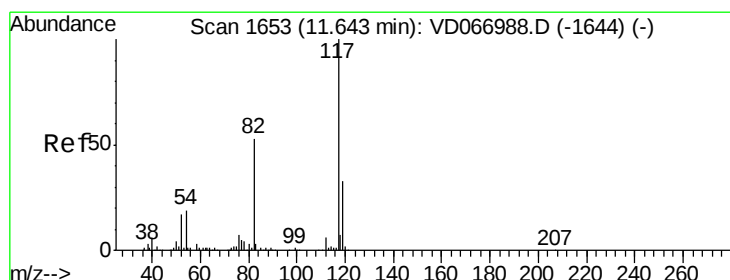
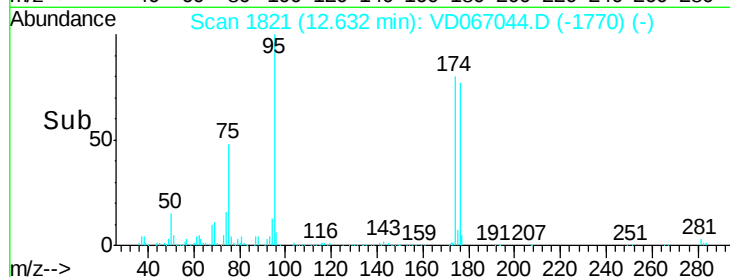
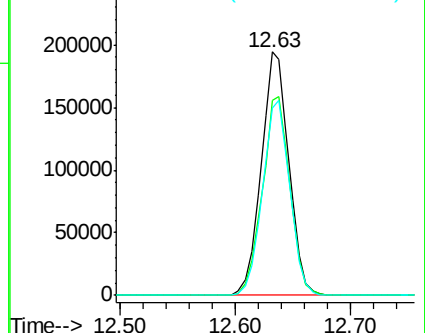
176 79.2 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD067044.D

Acq: 02 Oct 2020 19:10

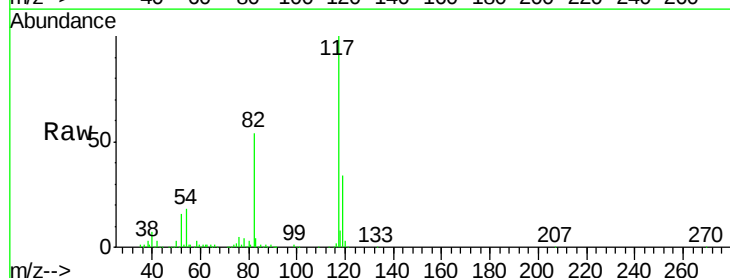
Tgt Ion: 117 Resp: 762414

Ion Ratio Lower Upper

117 100

82 54.5 42.6 63.8

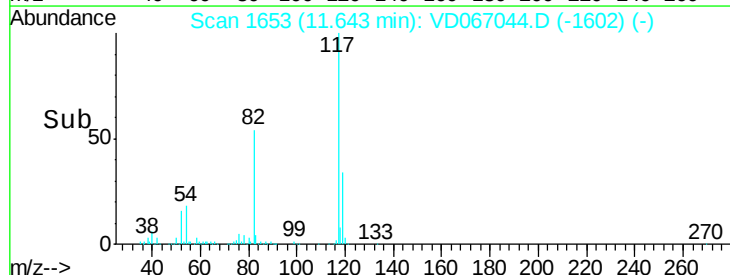
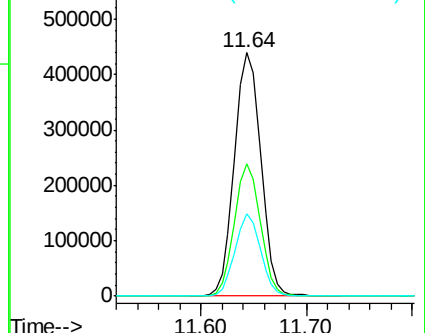
119 33.8 26.3 39.5

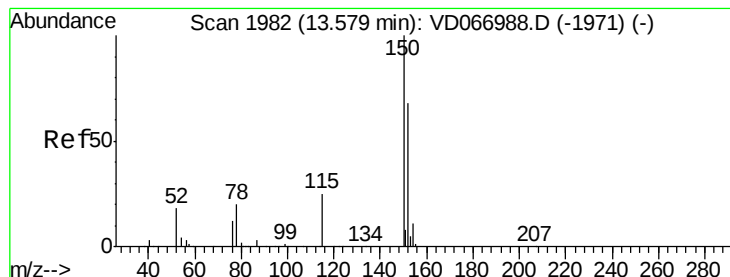


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067044.D

Acq: 02 Oct 2020 19:10

Instrument :

MSVOA_D

ClientSampleId :

RBR-251673

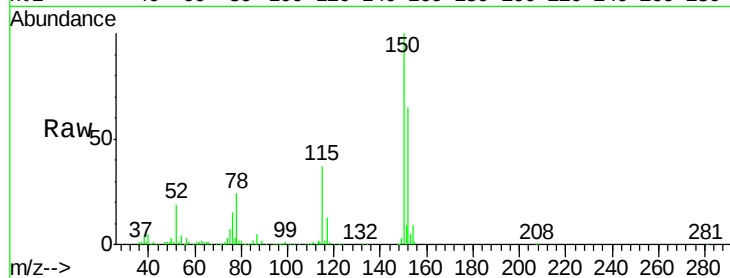
Tot Ion:152 Resp: 336015

Ion Ratio Lower Upper

152 100

115 58.2 29.6 88.8

150 156.8 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

