

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067018.D
 Acq On : 02 Oct 2020 04:14
 Operator : VA/SY
 Sample : L4195-03
 Misc : 5.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251673

Quant Time: Oct 02 04:53:14 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

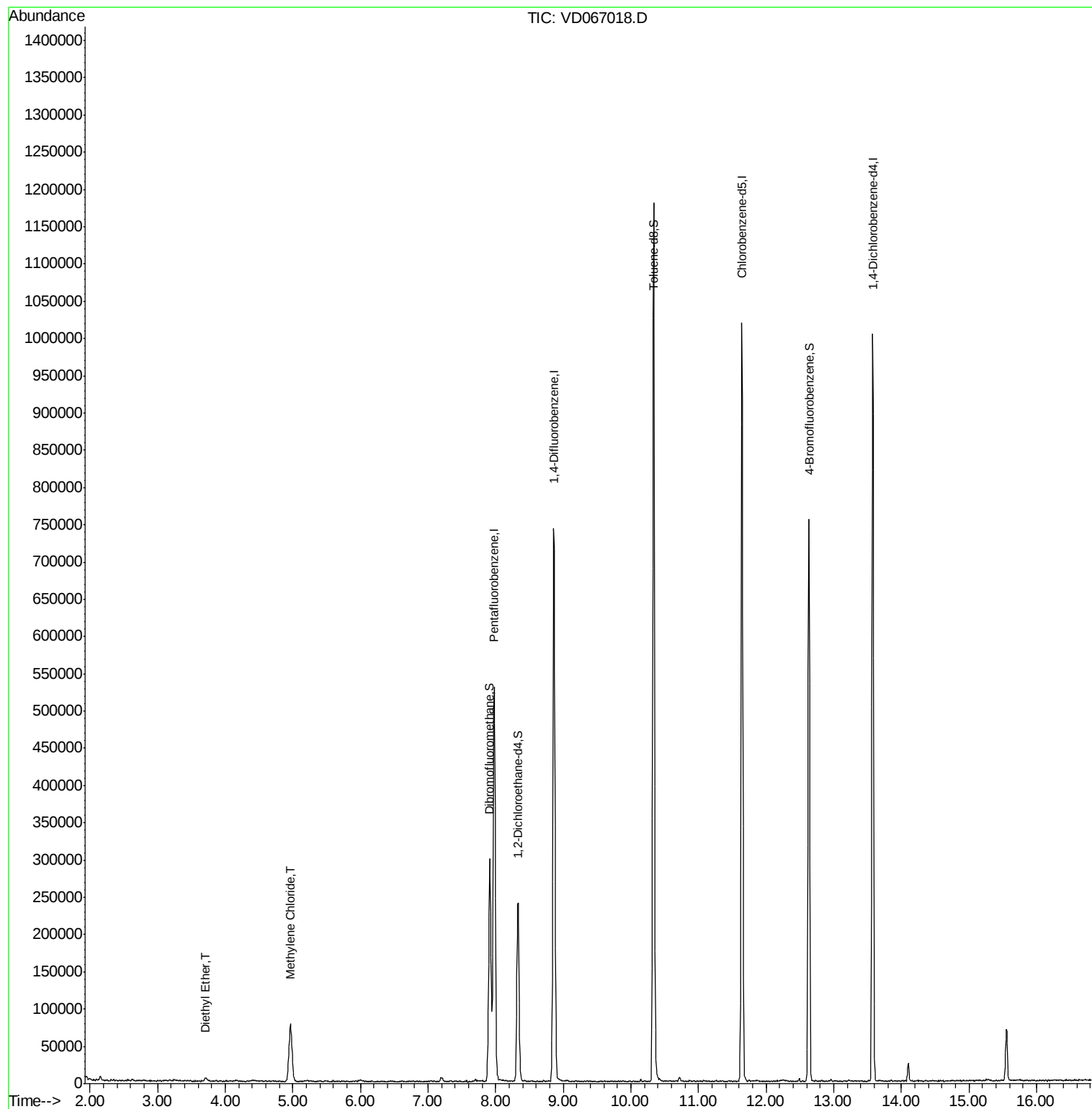
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	393535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	665151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	197908	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	7.91	113	214845	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.34	98	797164	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.64	95	244373	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
8) Diethyl Ether	3.70	74	2472	1.428	ug/l	84
20) Methylene Chloride	4.97	84	64234	9.794	ug/l	93

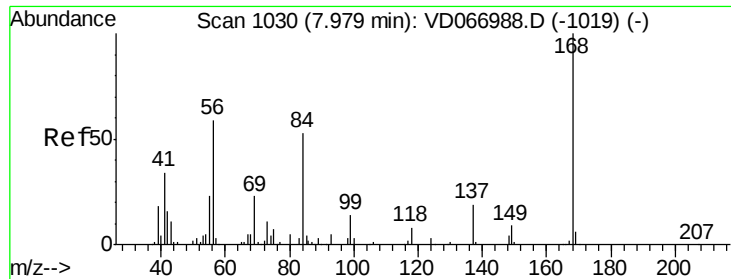
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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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: VD067018.D

Acq: 02 Oct 2020 04:14

Instrument :

MSVOA_D

ClientSampleId :

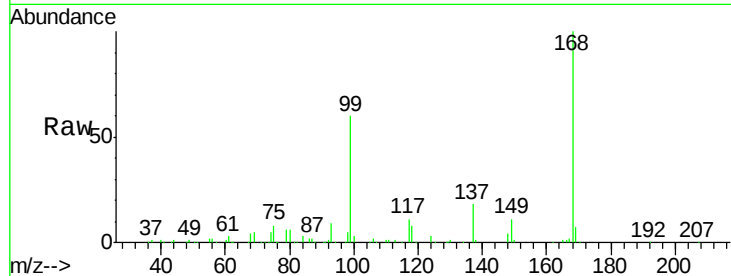
RBR-251673

Tot Ion:168 Resp: 393535

Ion Ratio Lower Upper

168 100

99 59.9 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

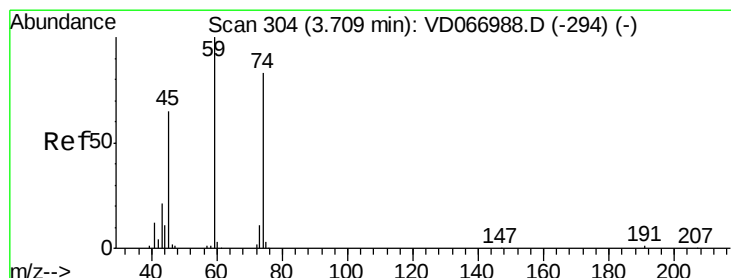
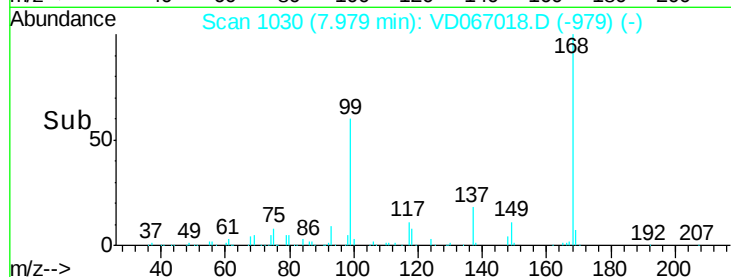
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.428 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD067018.D

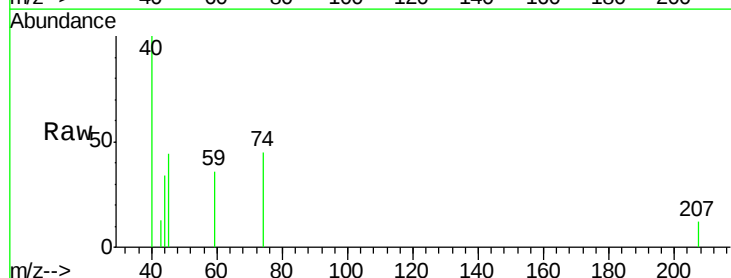
Acq: 02 Oct 2020 04:14

Tgt Ion: 74 Resp: 2472

Ion Ratio Lower Upper

74 100

45 100.5 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

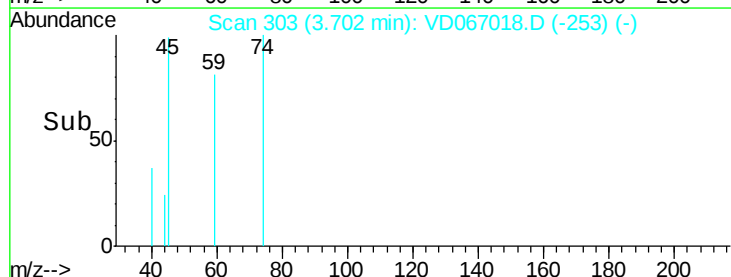
1500

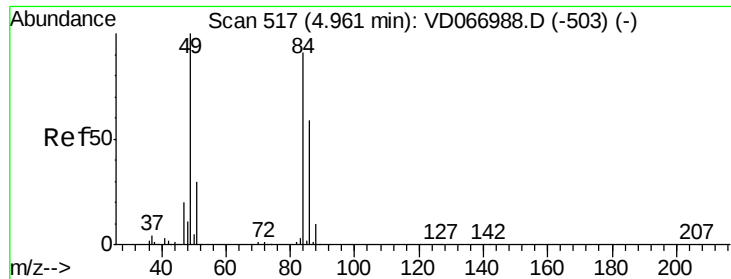
1000

500

0

Time-->

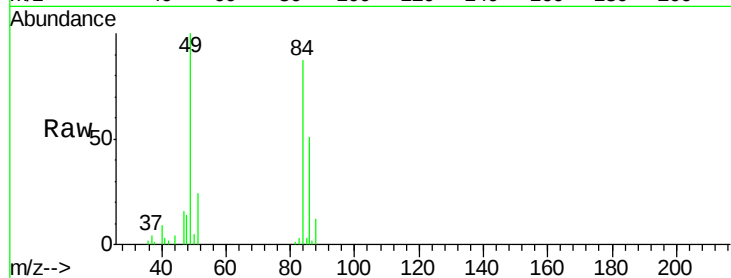




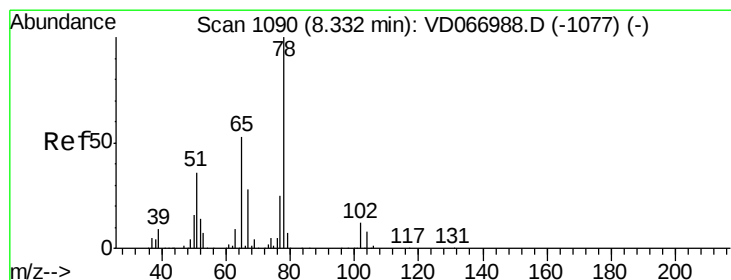
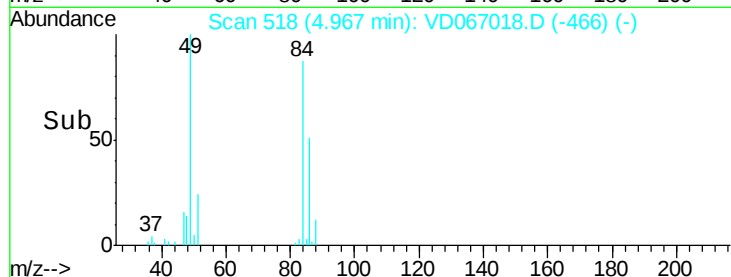
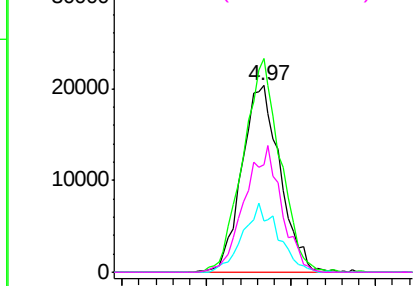
#20
Methylene Chloride
Concen: 9.794 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067018.D
Acq: 02 Oct 2020 04:14

Instrument :
MSVOA_D
ClientSampleId :
RBR-251673

Tot Ion: 84 Resp: 64234
Ion Ratio Lower Upper
84 100
49 114.4 88.2 132.2
51 27.6 26.6 39.8
86 57.8 52.1 78.1

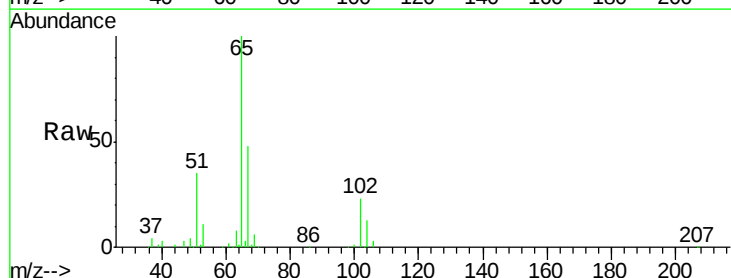


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

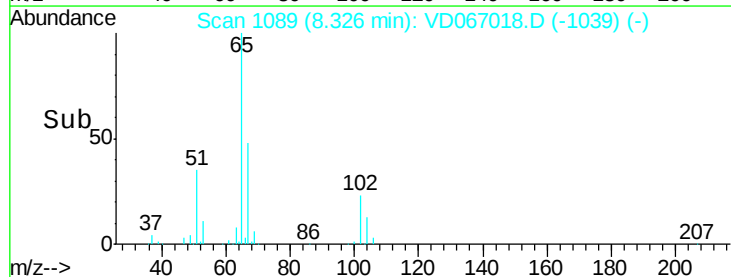
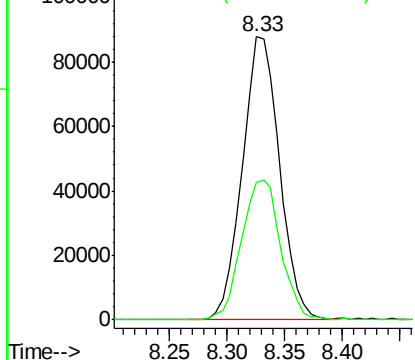


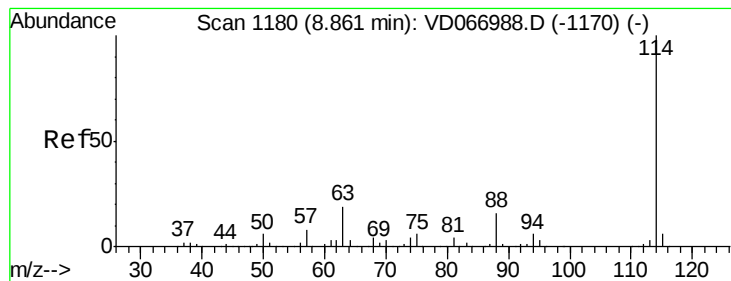
#33
1,2-Dichloroethane-d4
Concen: 52.211 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067018.D
Acq: 02 Oct 2020 04:14

Tgt Ion: 65 Resp: 197908
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.8



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: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD067018.D

Acq: 02 Oct 2020 04:14

Instrument :

MSVOA_D

ClientSampleId :

RBR-251673

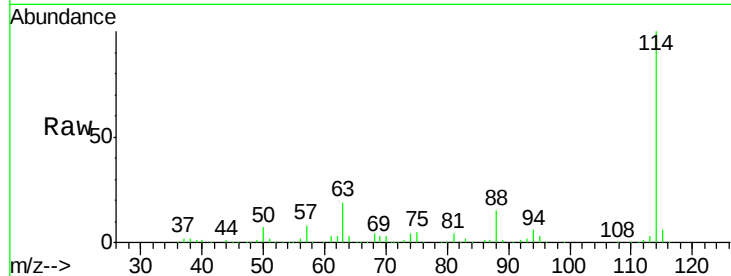
Tot Ion:114 Resp: 665151

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

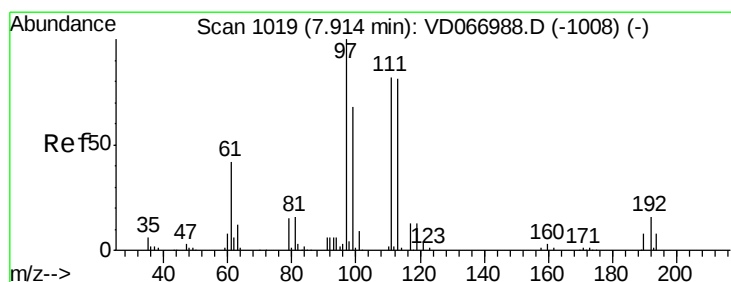
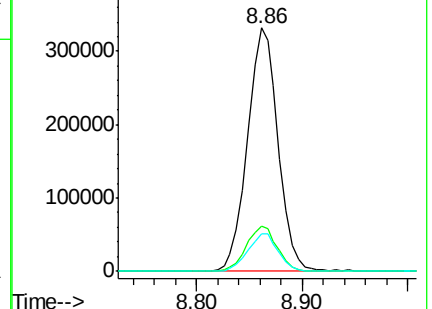
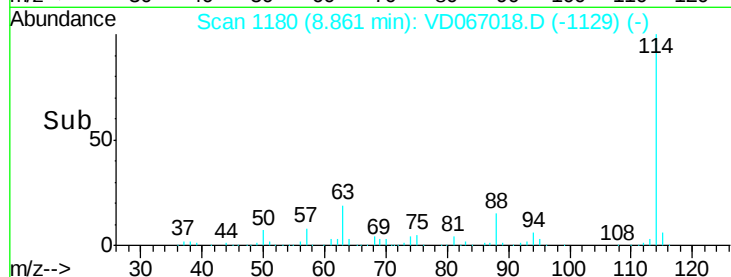
88 15.2 0.0 31.2



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: 49.337 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067018.D

Acq: 02 Oct 2020 04:14

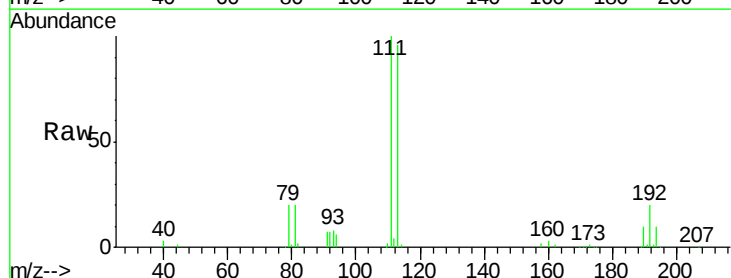
Tgt Ion:113 Resp: 214845

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

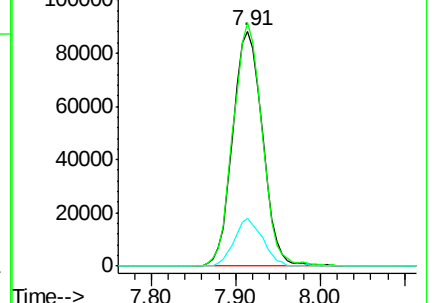
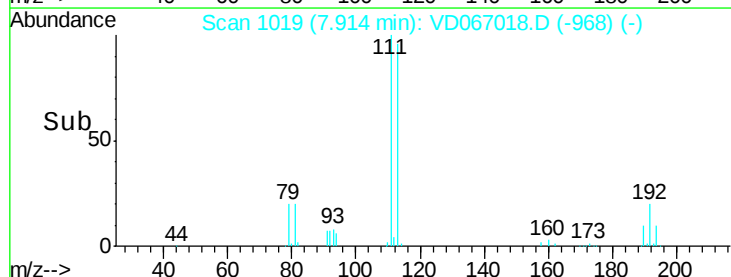
192 19.5 15.5 23.3

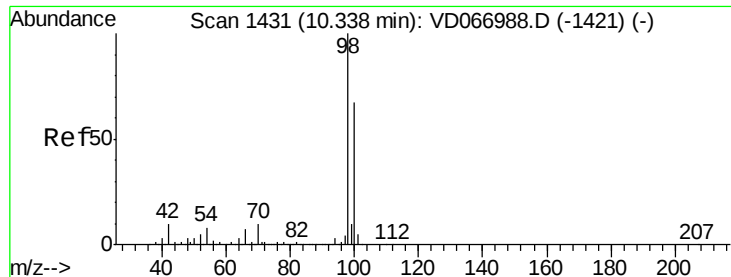


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.238 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067018.D

Acq: 02 Oct 2020 04:14

Instrument :

MSVOA_D

ClientSampleId :

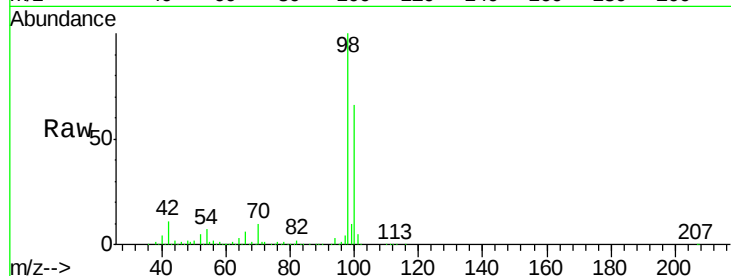
RBR-251673

Tot Ion: 98 Resp: 797164

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

500000

400000

300000

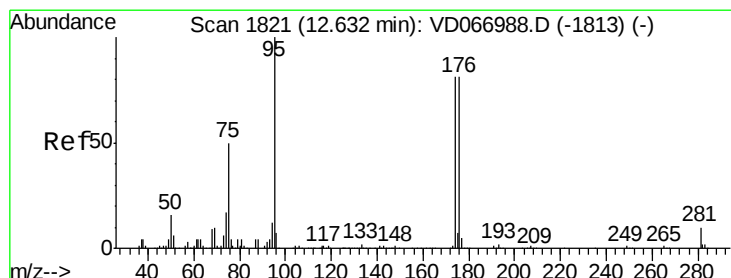
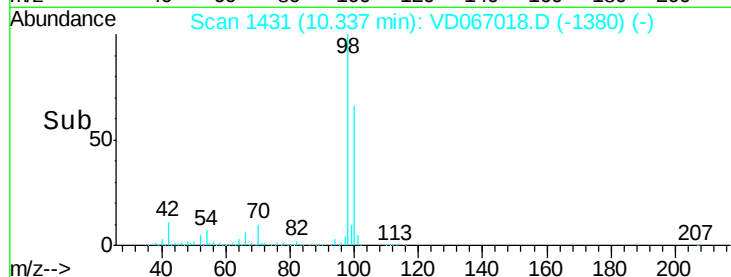
200000

100000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 45.366 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067018.D

Acq: 02 Oct 2020 04:14

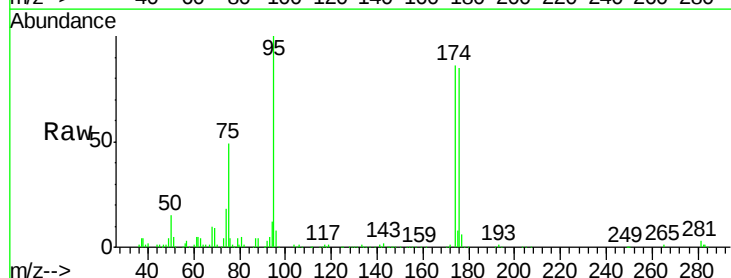
Tgt Ion: 95 Resp: 244373

Ion Ratio Lower Upper

95 100

174 84.8 0.0 167.6

176 82.5 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

200000

150000

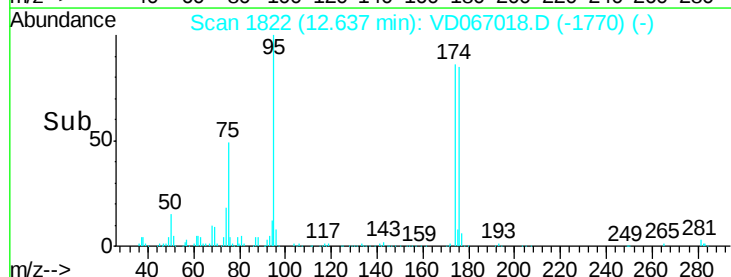
100000

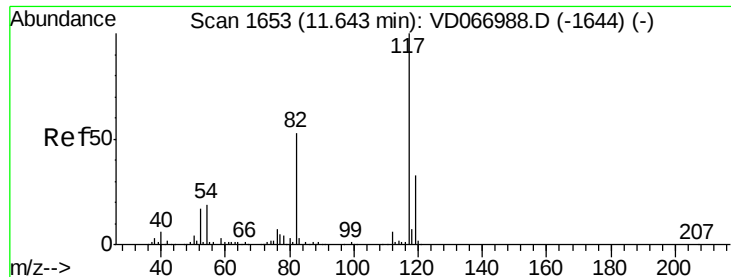
50000

0

Time-->

12.55 12.60 12.65 12.70

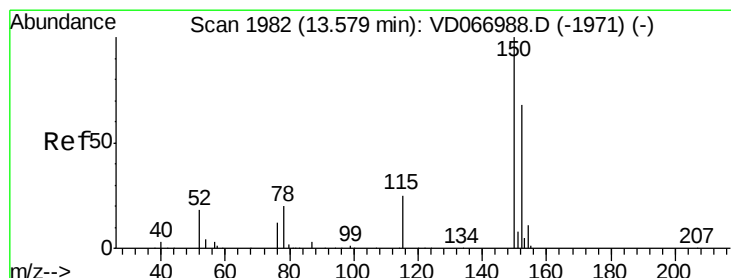
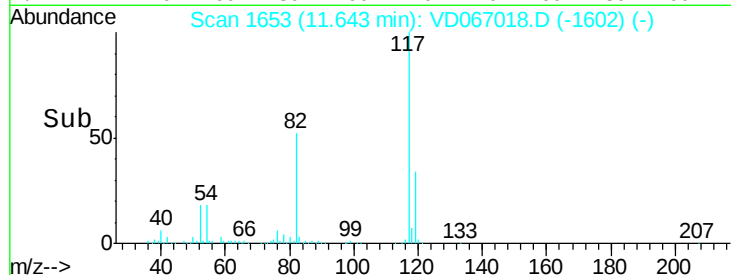
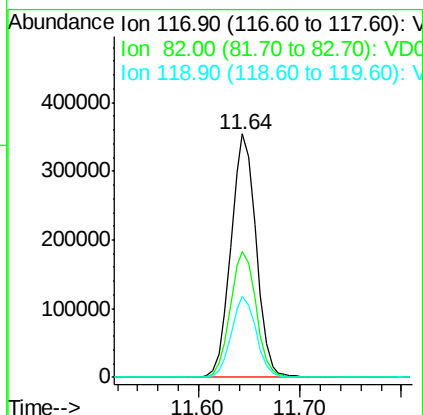
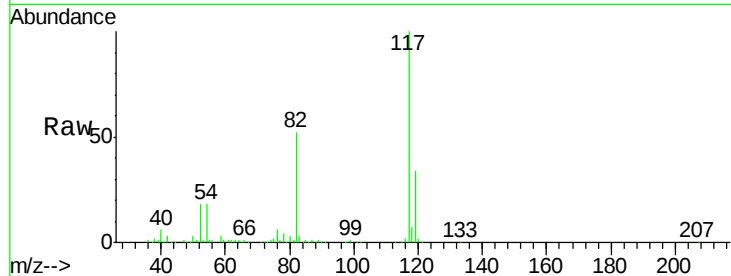




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067018.D
Acq: 02 Oct 2020 04:14

Instrument :
MSVOA_D
ClientSampleId :
RBR-251673

Tot Ion:117 Resp: 609017
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 33.5 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: VD067018.D
Acq: 02 Oct 2020 04:14

Tgt Ion:152 Resp: 269115
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 157.6 0.0 344.8

