

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067102.D
 Acq On : 06 Oct 2020 12:38
 Operator : VA/SY
 Sample : L4272-09
 Misc : 7.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-3-(6)

Quant Time: Oct 07 01:34:30 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

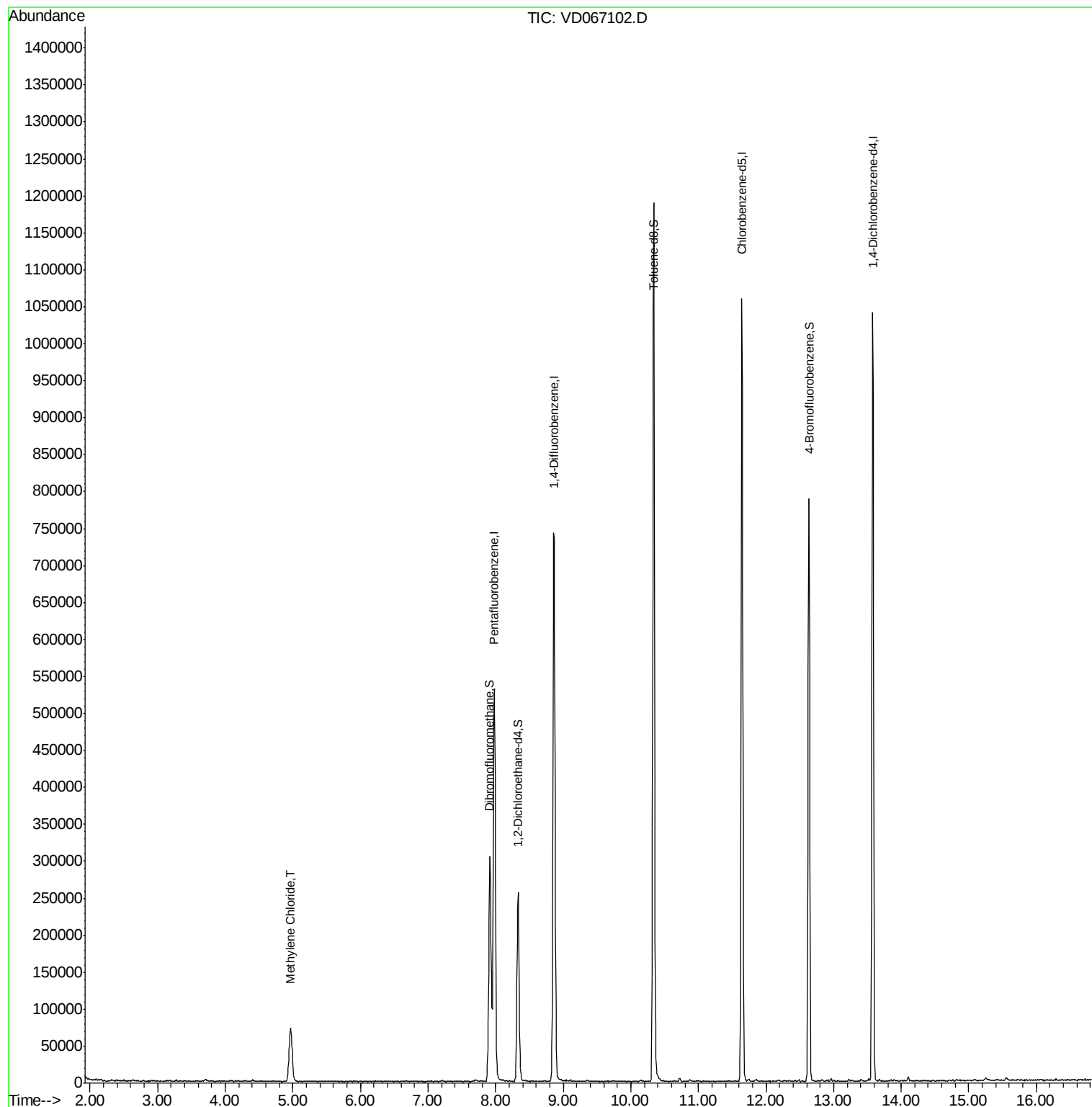
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	404050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	682947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	633017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	204059	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	7.91	113	222927	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	10.34	98	813412	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.63	95	261589	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
20) Methylene Chloride	4.97	84	60555	8.296	ug/l	Qvalue 90

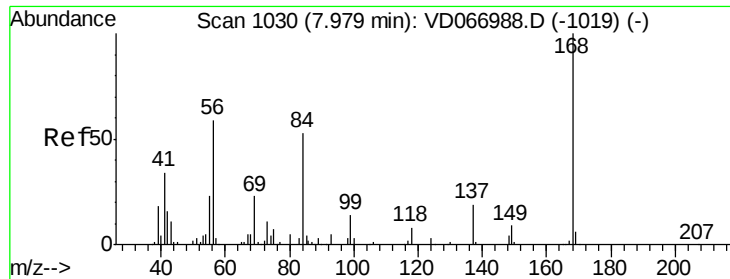
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067102.D

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Instrument :

MSVOA_D

ClientSampleId :

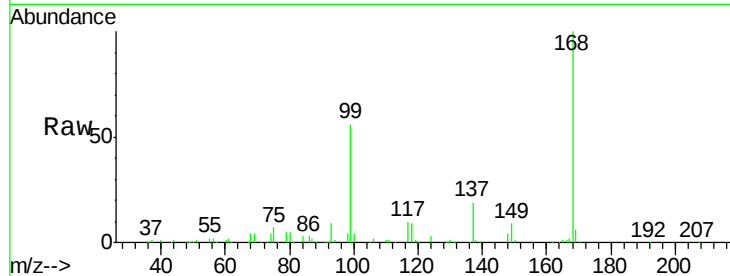
MH-3-(6)

Tot Ion:168 Resp: 404050

Ion Ratio Lower Upper

168 100

99 55.7 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

200000

150000

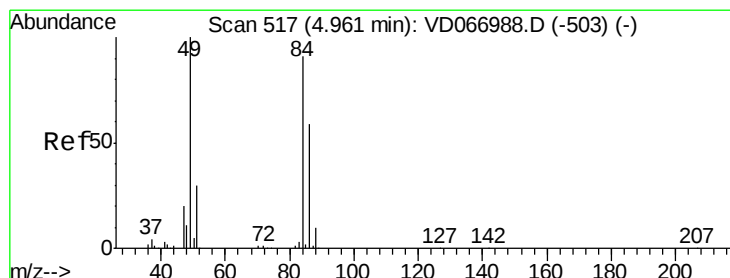
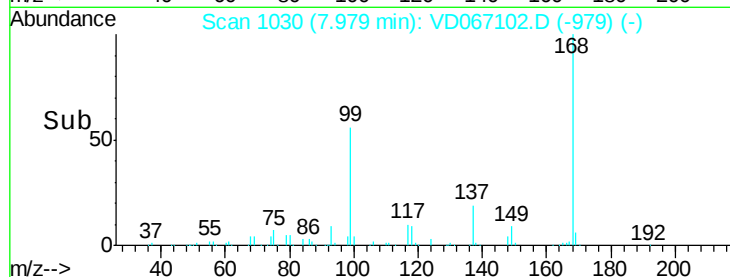
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 8.296 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067102.D

Acq: 06 Oct 2020 12:38

Tgt Ion: 84 Resp: 60555

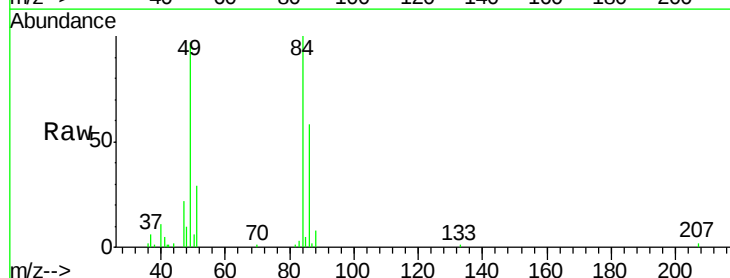
Ion Ratio Lower Upper

84 100

49 97.4 88.2 132.2

51 29.2 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

4.97

30000

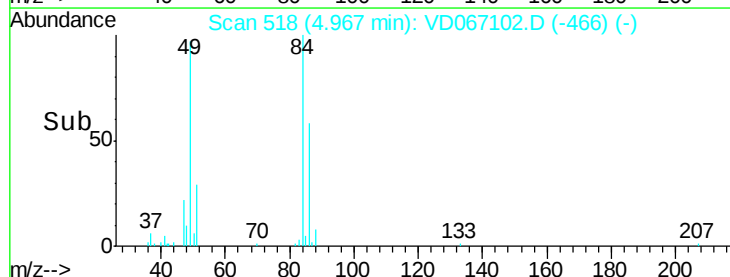
20000

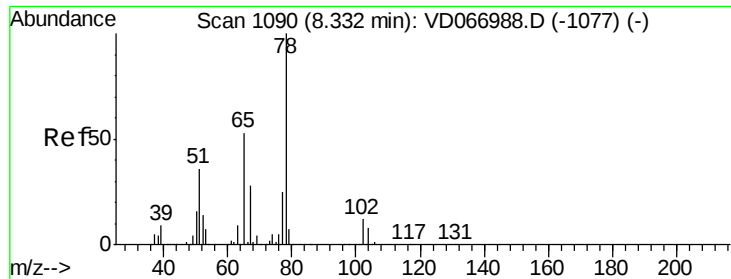
10000

0

Time-->

4.90 5.00

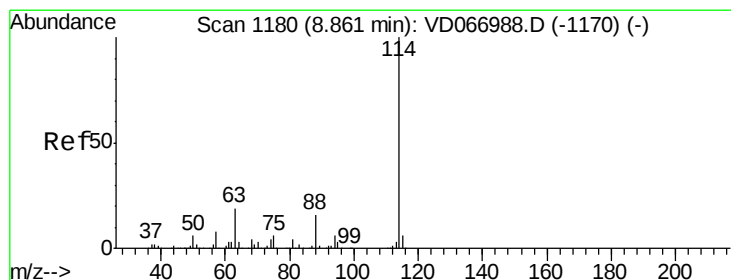
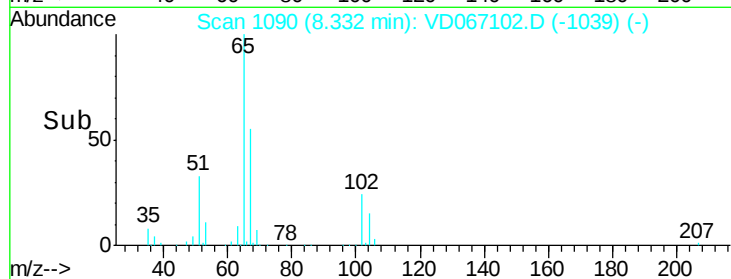
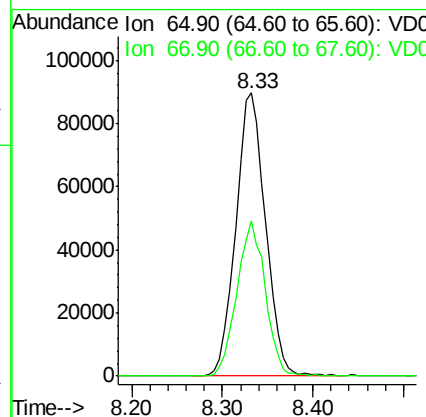
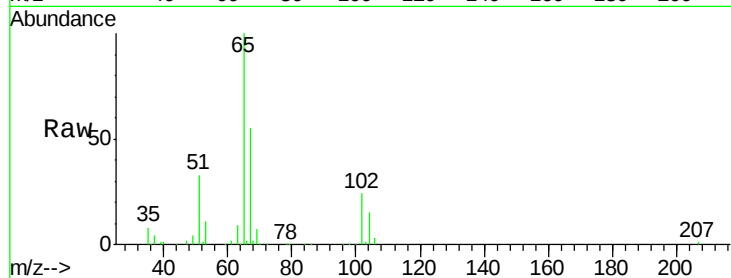




#33
 1,2-Dichloroethane-d4
 Concen: 52.433 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067102.D
 Acq: 06 Oct 2020 12:38

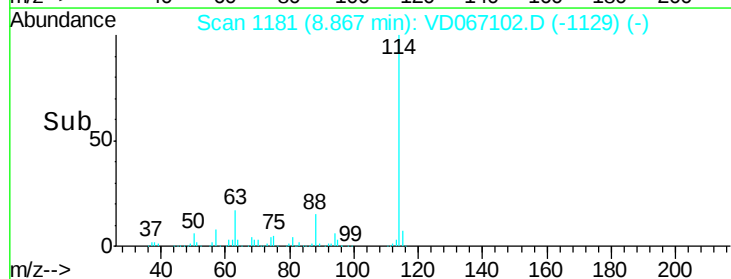
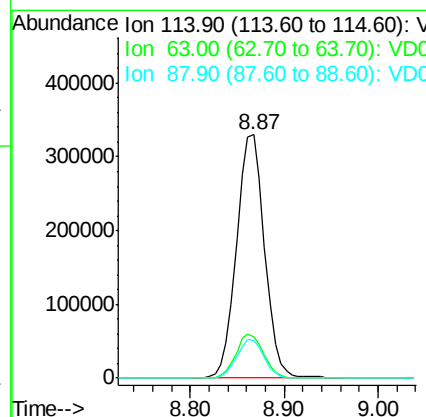
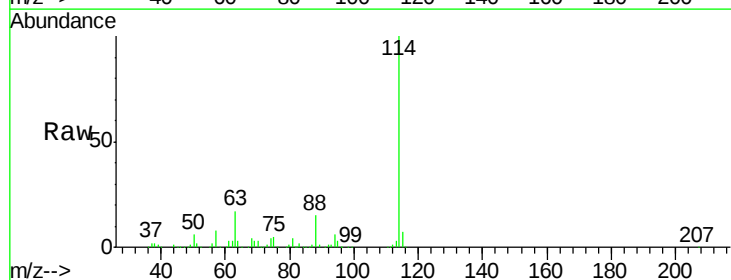
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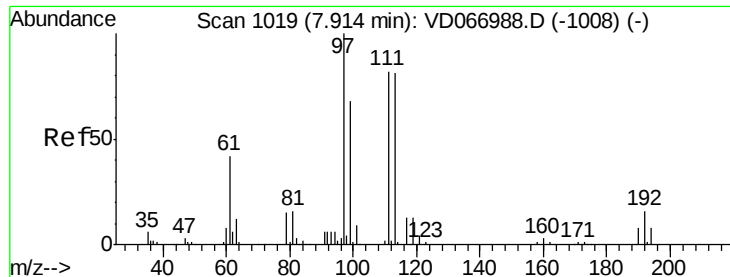
Tot Ion: 65 Resp: 204059
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067102.D
 Acq: 06 Oct 2020 12:38

Tgt Ion: 114 Resp: 682947
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 38.4
 88 15.4 0.0 31.2

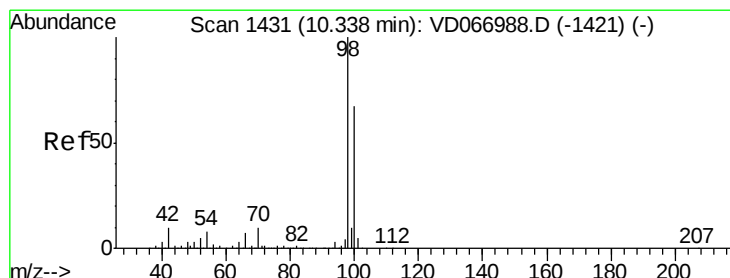
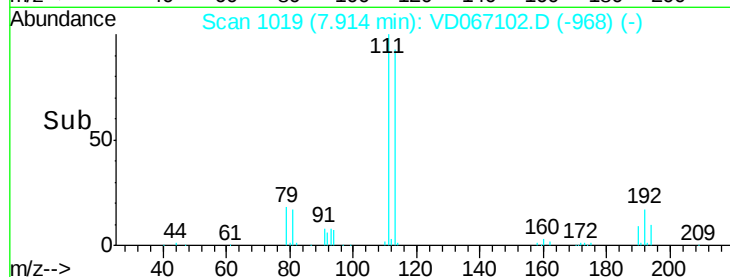
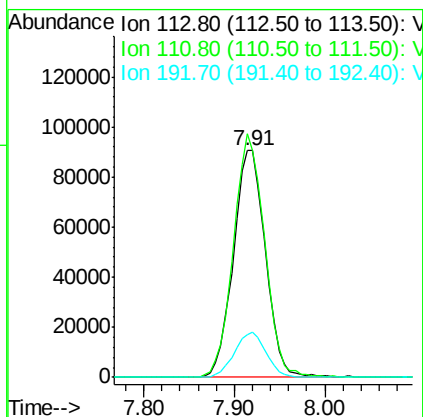
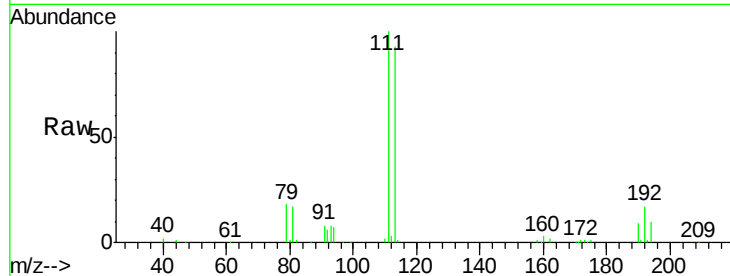




#35
 Dibromofluoromethane
 Concen: 49.859 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067102.D
 Acq: 06 Oct 2020 12:38

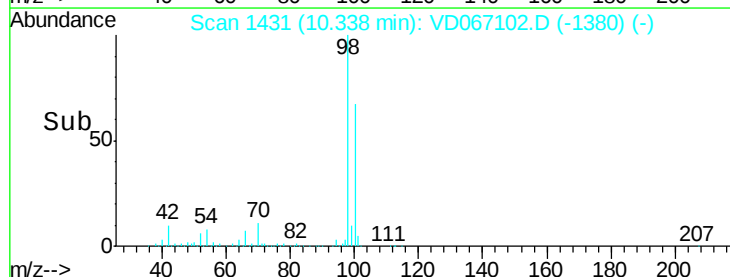
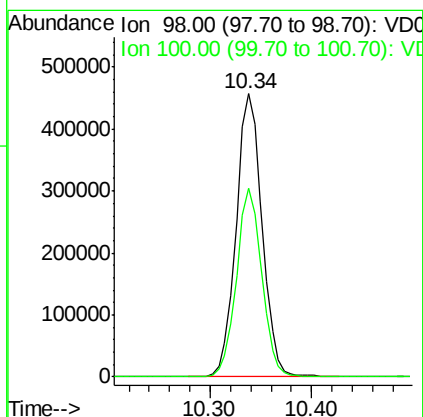
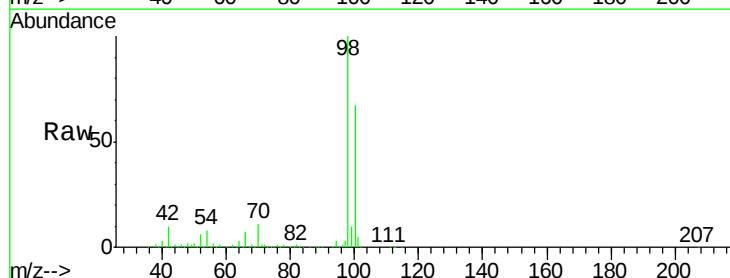
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-3-(6)

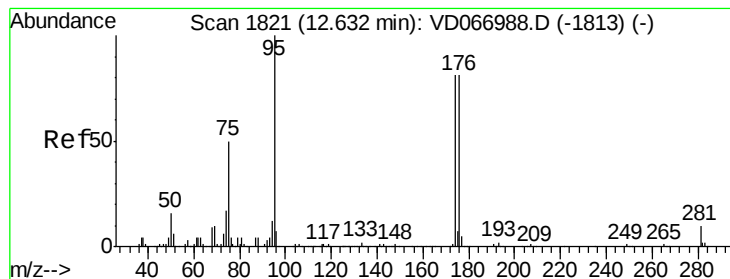
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.0	124.4
192	19.6	15.5	23.3



#50
 Toluene-d8
 Concen: 49.926 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067102.D
 Acq: 06 Oct 2020 12:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 47.297 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067102.D

Acq: 06 Oct 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

MH-3-(6)

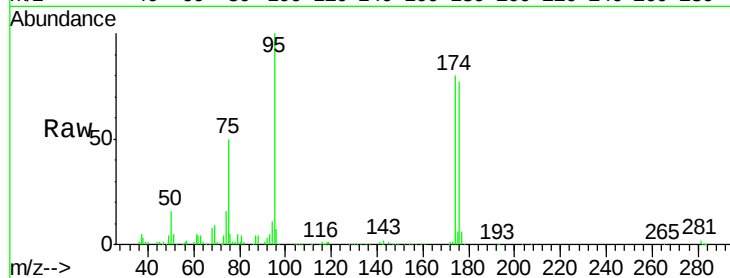
Tot Ion: 95 Resp: 261589

Ion Ratio Lower Upper

95 100

174 84.8 0.0 167.6

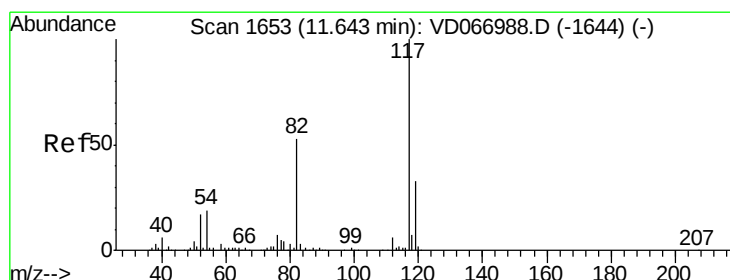
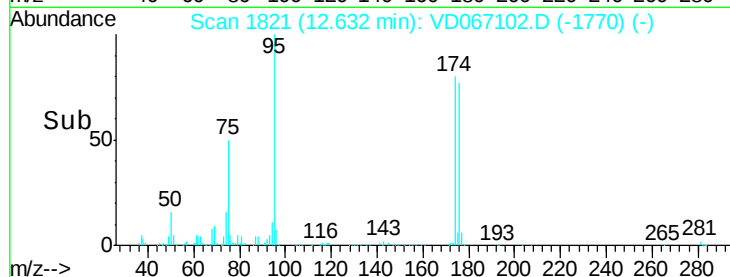
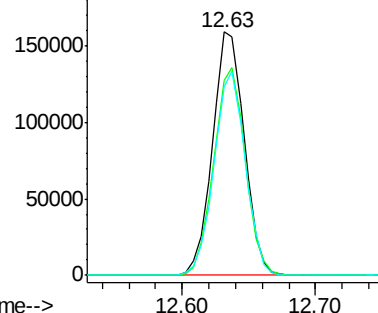
176 82.1 0.0 162.4



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: VD067102.D

Acq: 06 Oct 2020 12:38

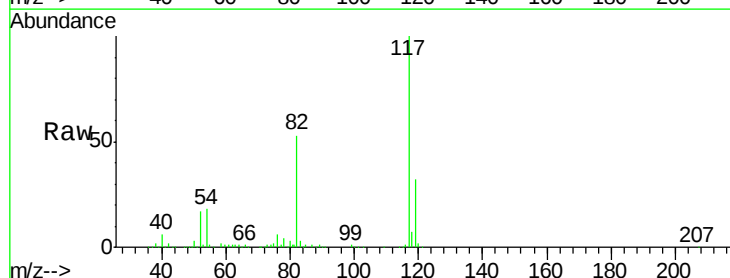
Tgt Ion: 117 Resp: 633017

Ion Ratio Lower Upper

117 100

82 52.8 42.6 63.8

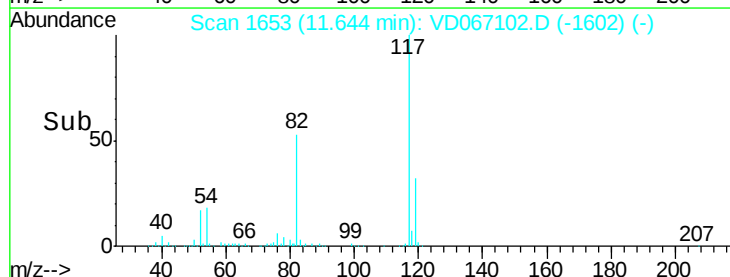
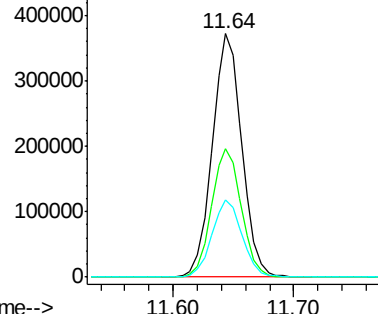
119 31.8 26.3 39.5

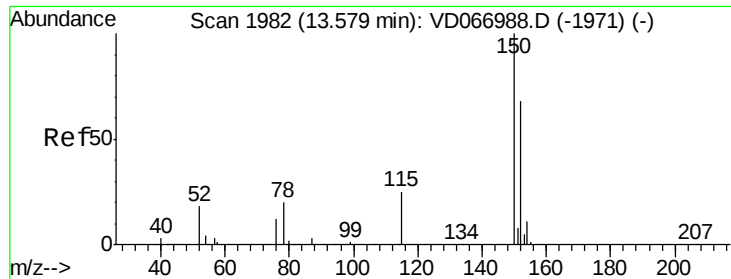


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067102.D

Acq: 06 Oct 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

MH-3-(6)

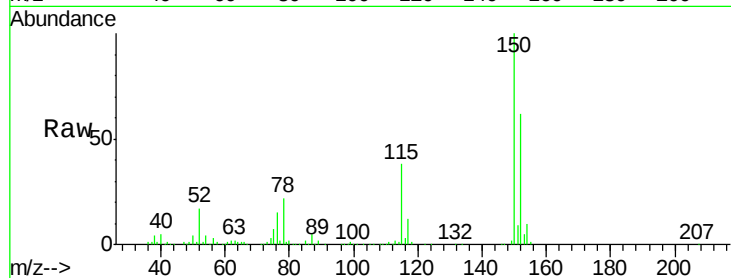
Tot Ion:152 Resp: 281273

Ion Ratio Lower Upper

152 100

115 59.8 29.6 88.8

150 160.9 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

