

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066012.D
 Acq On : 22 Jul 2020 20:01
 Operator : VA/SY
 Sample : L3365-03
 Misc : 6.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 52-09-57

Quant Time: Jul 23 01:43:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	306813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	534400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	559616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291487	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	141639	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.46%	
35) Dibromofluoromethane	7.91	113	165760	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.34	98	642318	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.64	95	250139	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	

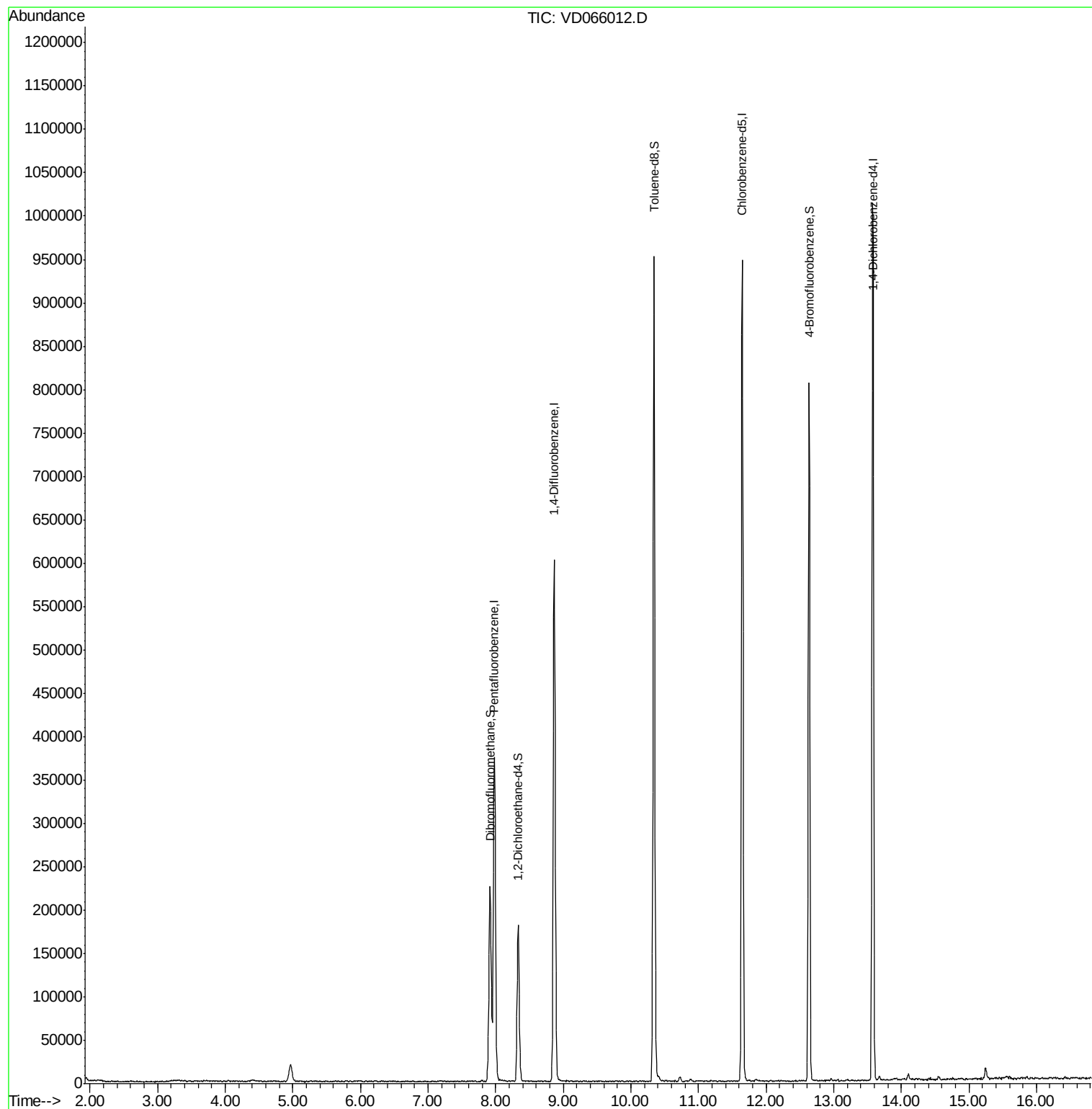
Target Compounds	Qvalue
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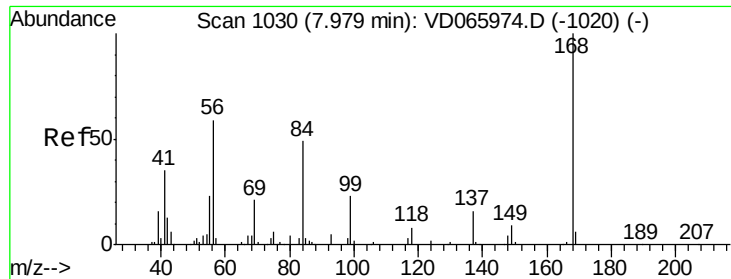
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
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: VD066012.D

Acq: 22 Jul 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

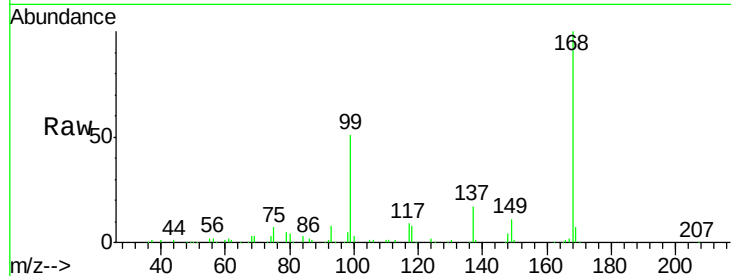
52-09-57

Tot Ion:168 Resp: 306813

Ion Ratio Lower Upper

168 100

99 51.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

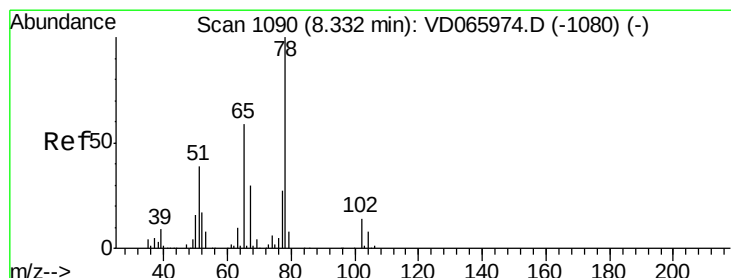
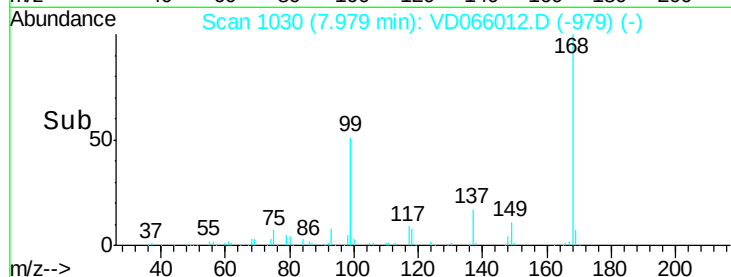
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.735 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066012.D

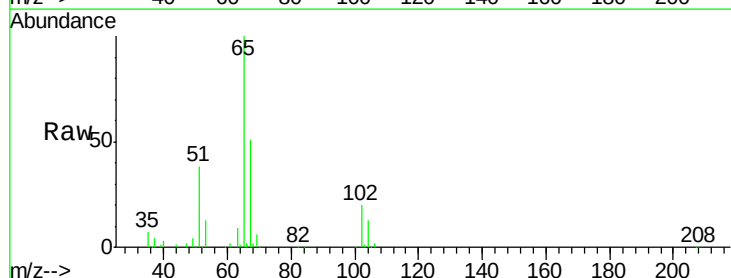
Acq: 22 Jul 2020 20:01

Tgt Ion: 65 Resp: 141639

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

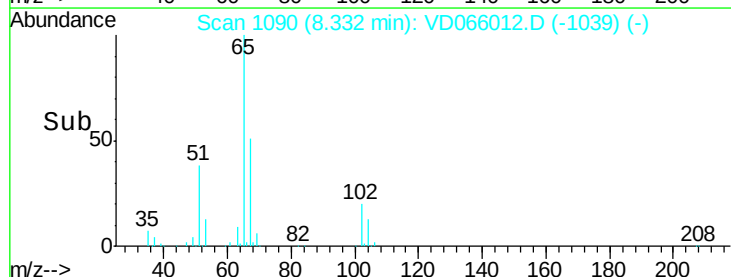
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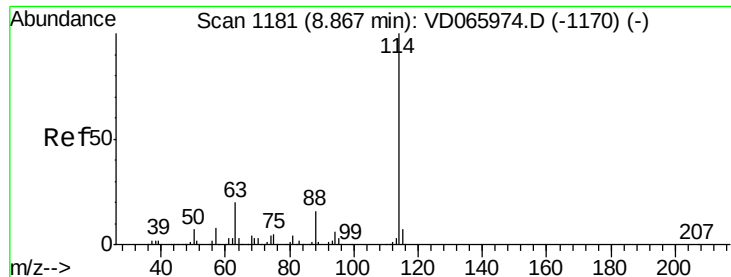
40000

20000

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Time-->

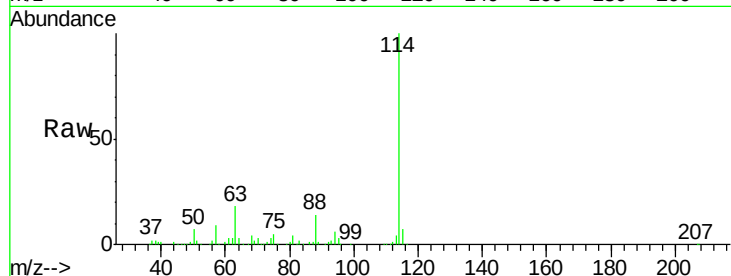




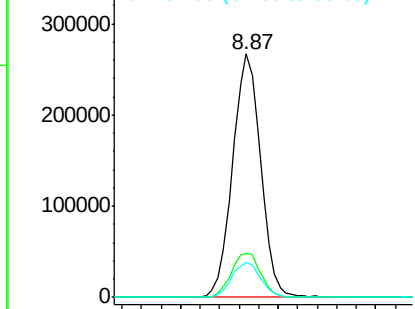
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066012.D
 Acq: 22 Jul 2020 20:01

Instrument :
 MSVOA_D
 ClientSampleId :
 52-09-57

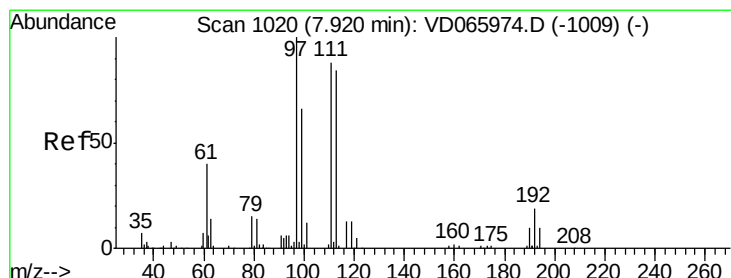
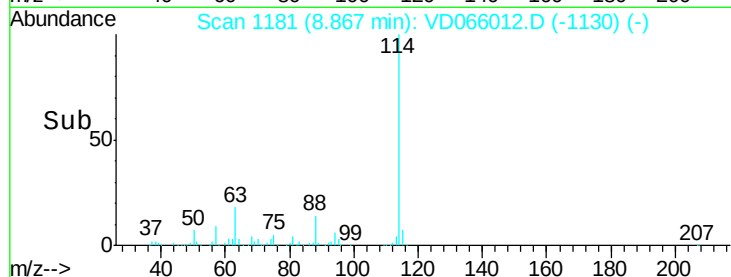
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	39.6
88	14.5	0.0	31.2



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

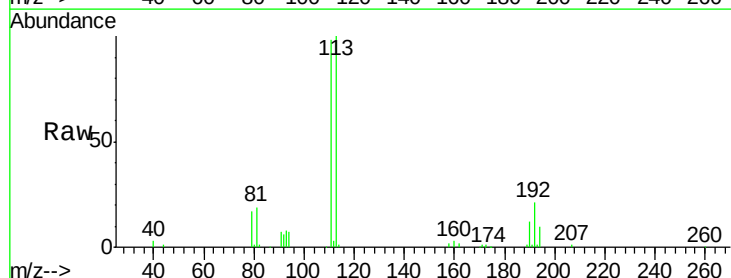


Time-->

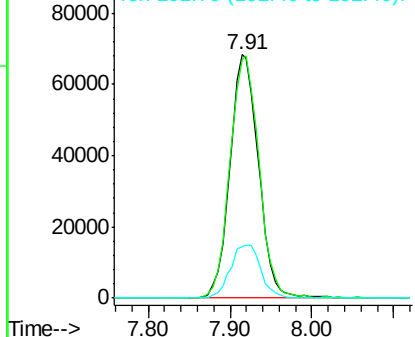


#35
 Dibromofluoromethane
 Concen: 51.140 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066012.D
 Acq: 22 Jul 2020 20:01

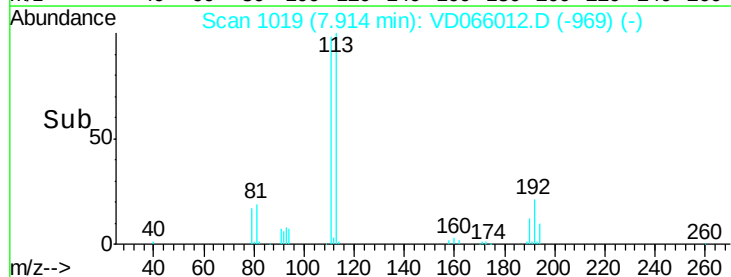
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.2	124.8
192	23.2	18.7	28.1

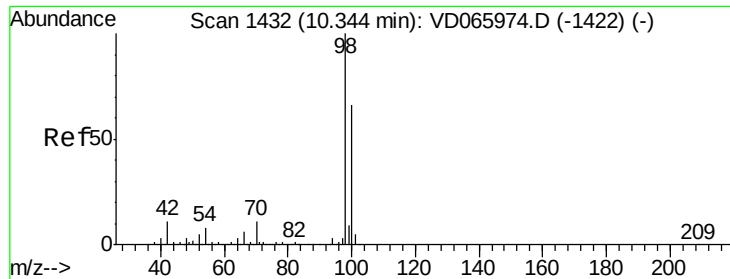


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

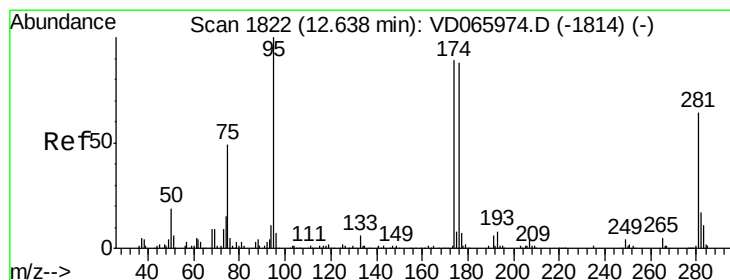
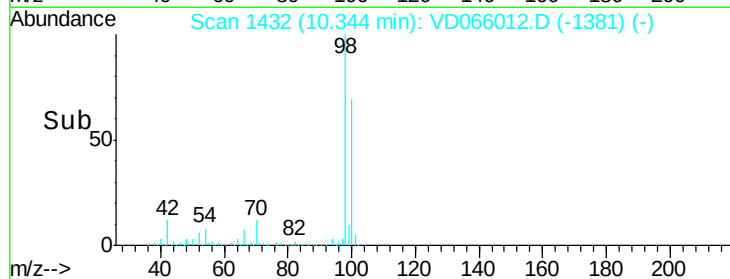
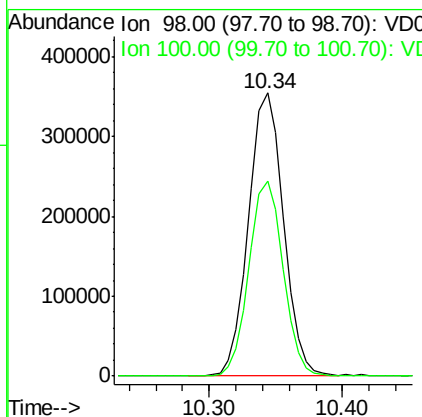
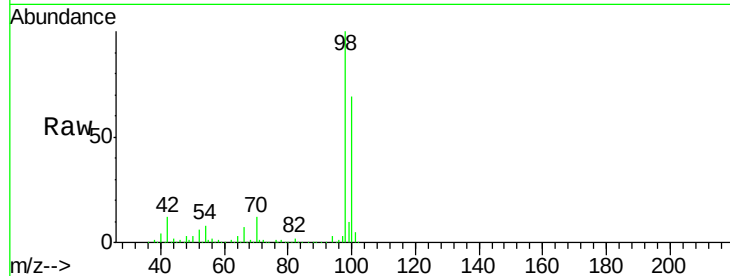




#50
Toluene-d8
Concen: 53.195 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066012.D
Acq: 22 Jul 2020 20:01

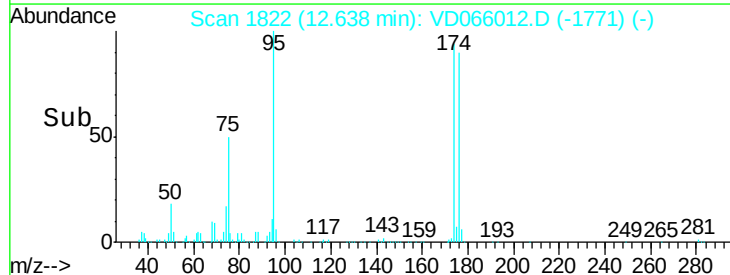
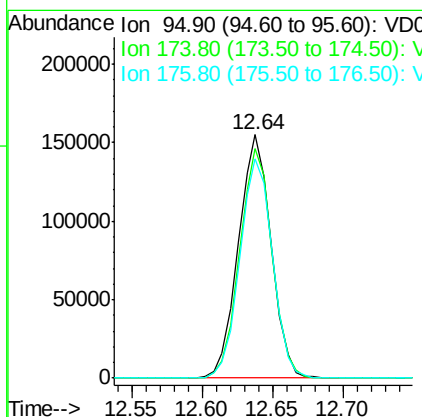
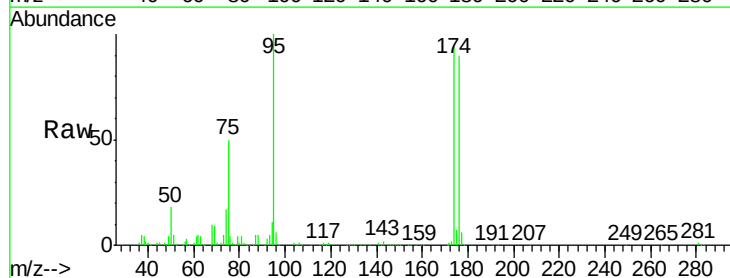
Instrument :
MSVOA_D
ClientSampleId :
52-09-57

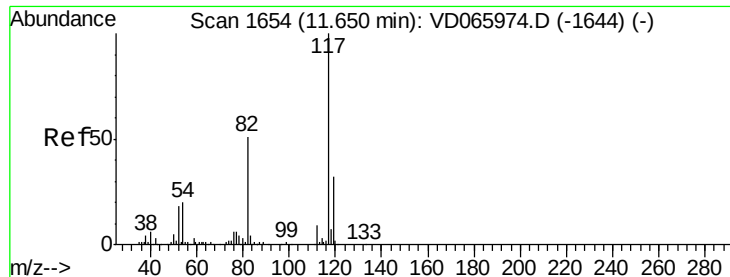
Tot Ion: 98 Resp: 642318
Ion Ratio Lower Upper
98 100
100 67.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 59.745 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066012.D
Acq: 22 Jul 2020 20:01

Tgt Ion: 95 Resp: 250139
Ion Ratio Lower Upper
95 100
174 93.5 0.0 178.8
176 90.2 0.0 172.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066012.D

Acq: 22 Jul 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

52-09-57

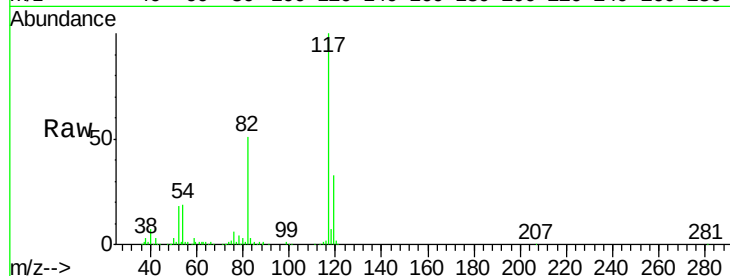
Tot Ion:117 Resp: 559616

Ion Ratio Lower Upper

117 100

82 50.5 41.1 61.7

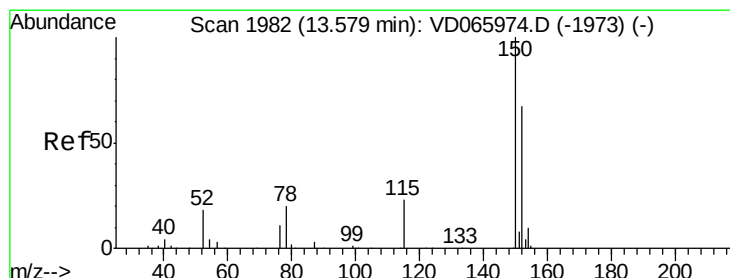
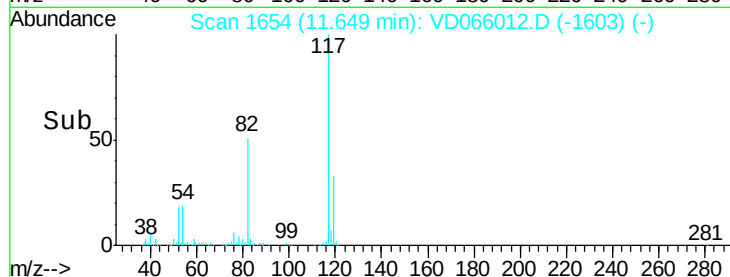
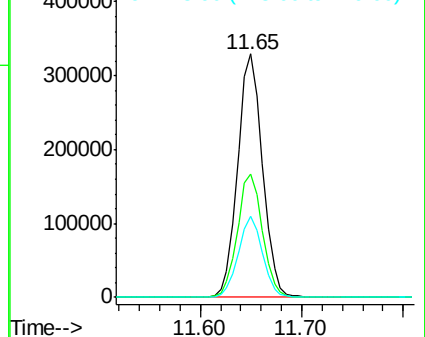
119 33.0 25.9 38.9



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: VD066012.D

Acq: 22 Jul 2020 20:01

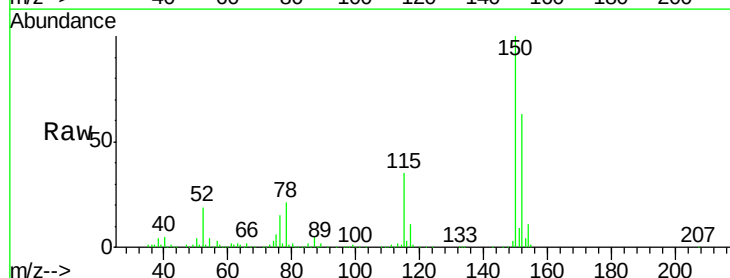
Tgt Ion:152 Resp: 291487

Ion Ratio Lower Upper

152 100

115 54.6 27.9 83.7

150 157.1 0.0 348.2



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

