

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066023.D
 Acq On : 23 Jul 2020 14:40
 Operator : VA/SY
 Sample : L3381-01
 Misc : 7.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 357-GRID-A4-A6

Quant Time: Jul 24 04:08:00 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	7.99	168	308182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	521776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	552083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290524	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	131447	52.42	ug/l	0.00
Spiked Amount						
			Recovery	=	104.84%	
35) Dibromofluoromethane	7.92	113	154430	48.80	ug/l	0.00
Spiked Amount						
			Recovery	=	97.60%	
50) Toluene-d8	10.34	98	639511	54.24	ug/l	0.00
Spiked Amount						
			Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.64	95	254536	62.27	ug/l	0.00
Spiked Amount						
			Recovery	=	124.54%	

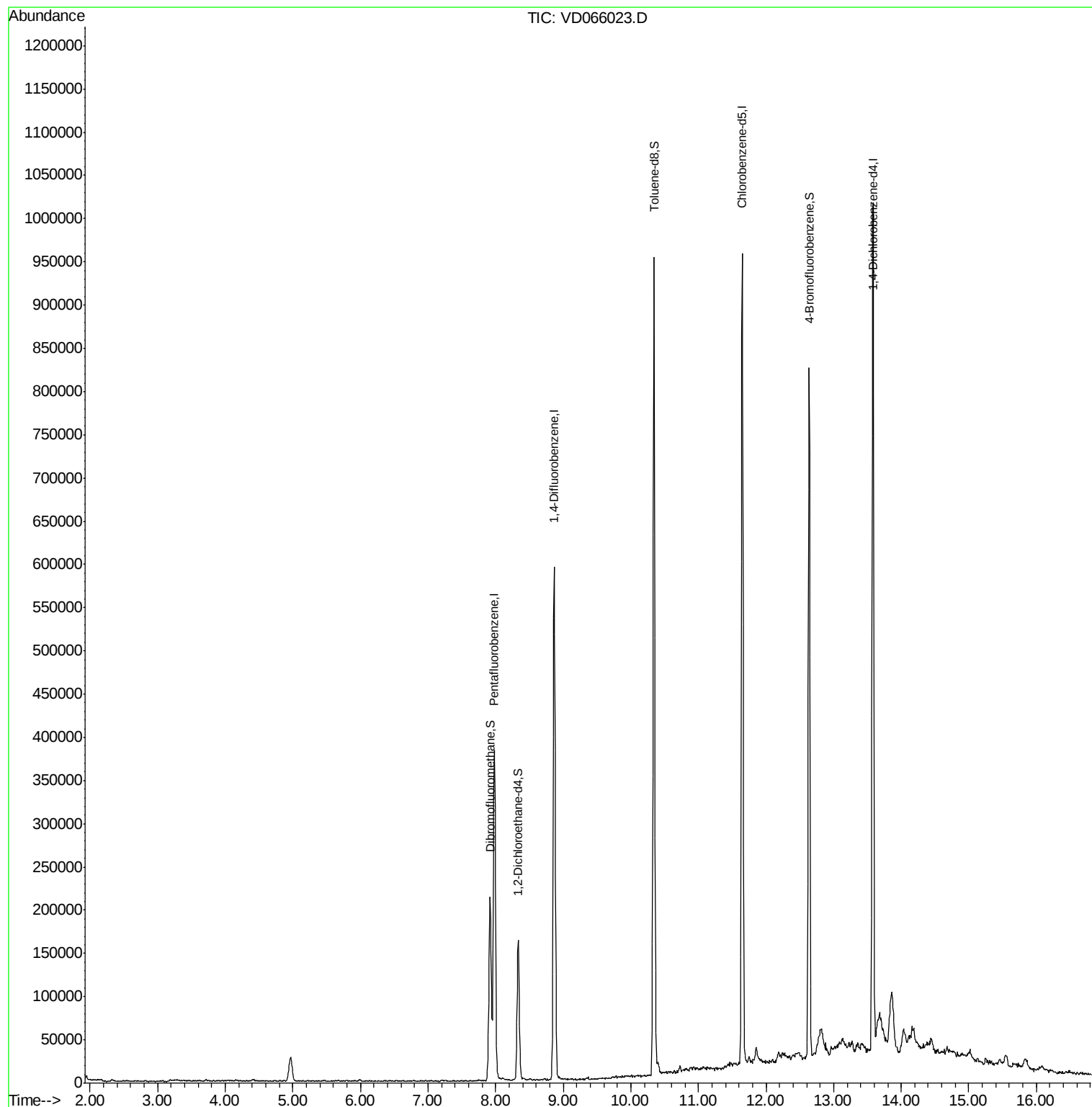
Target Compounds	Qvalue
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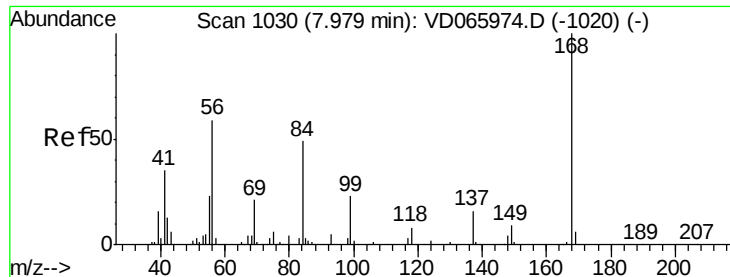
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066023.D

Acq: 23 Jul 2020 14:40

Instrument :

MSVOA_D

ClientSampleId :

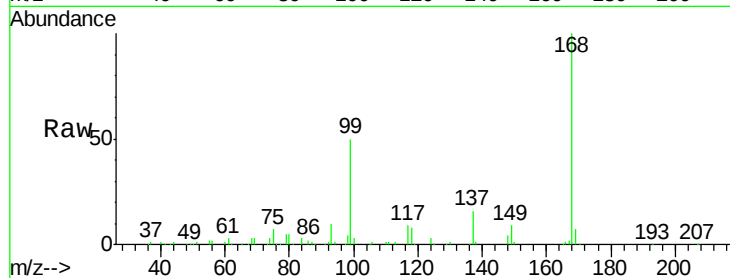
357-GRID-A4-A6

Tot Ion:168 Resp: 308182

Ion Ratio Lower Upper

168 100

99 49.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

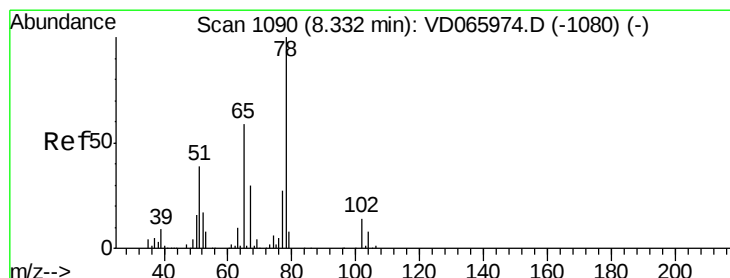
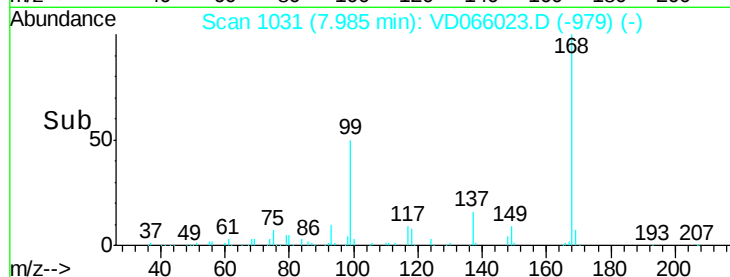
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.418 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066023.D

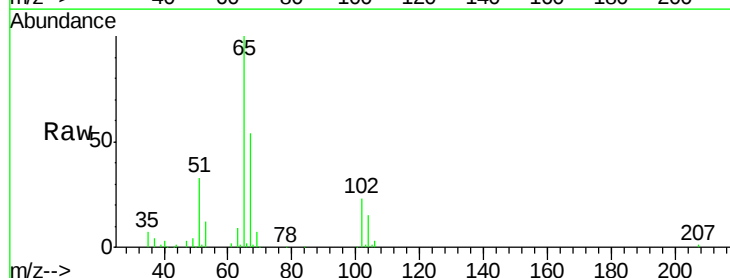
Acq: 23 Jul 2020 14:40

Tgt Ion: 65 Resp: 131447

Ion Ratio Lower Upper

65 100

67 52.6 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

60000

50000

40000

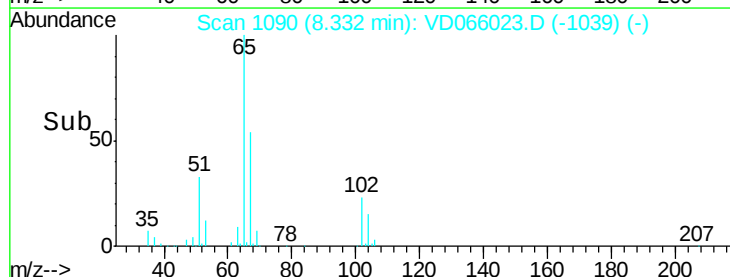
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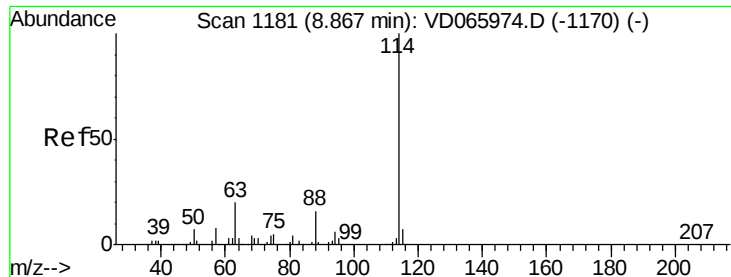
20000

10000

0

Time-->

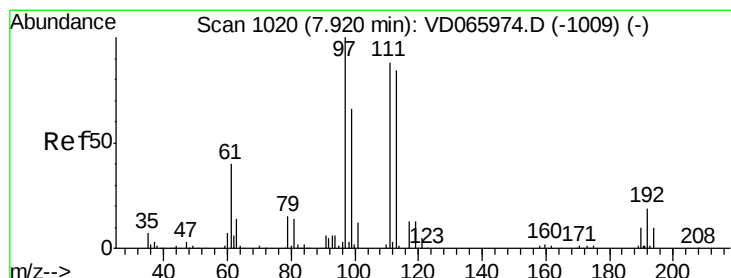
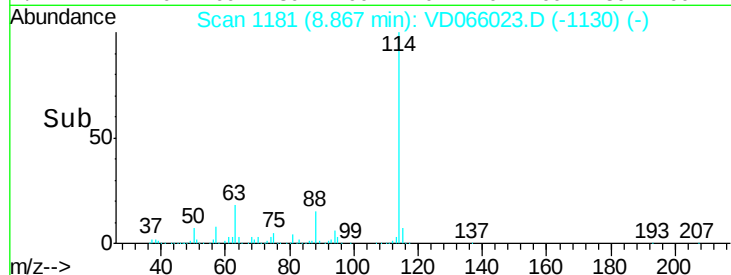
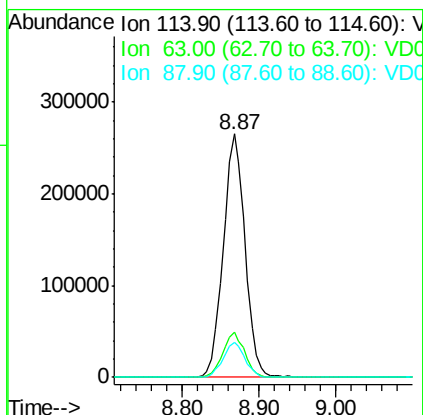
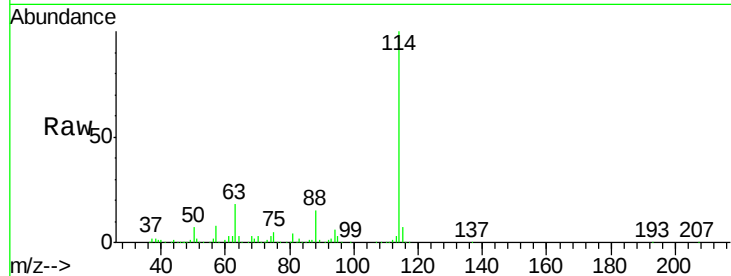




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066023.D
 Acq: 23 Jul 2020 14:40

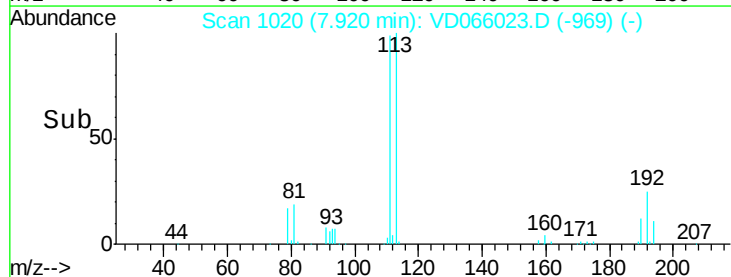
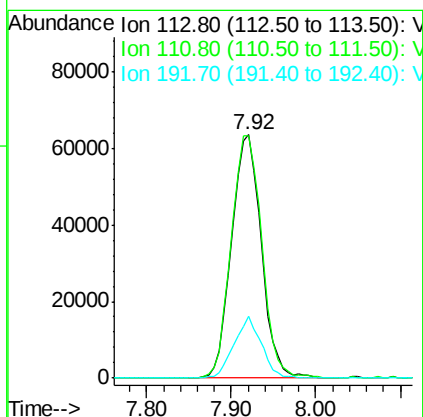
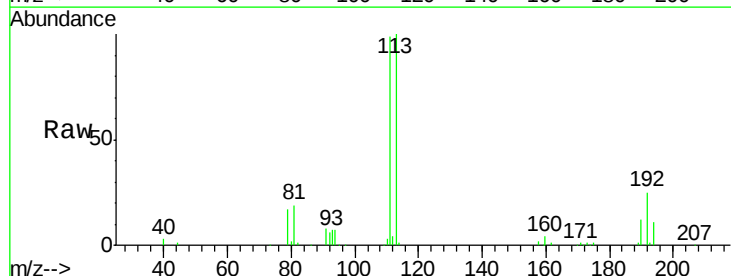
Instrument :
 MSVOA_D
 ClientSampleId :
 357-GRID-A4-A6

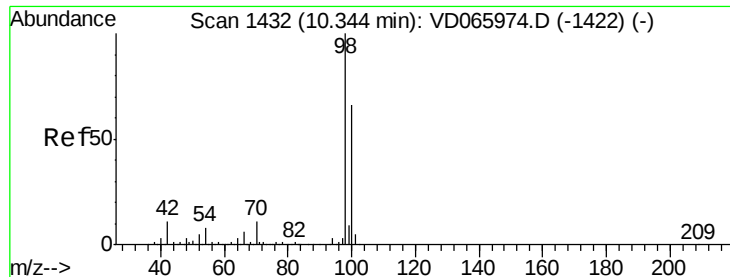
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.6
88	14.6	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 48.797 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD066023.D
 Acq: 23 Jul 2020 14:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.2	124.8
192	23.1	18.7	28.1





#50

Toluene-d8

Concen: 54.244 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD066023.D

Acq: 23 Jul 2020 14:40

Instrument :

MSVOA_D

ClientSampleId :

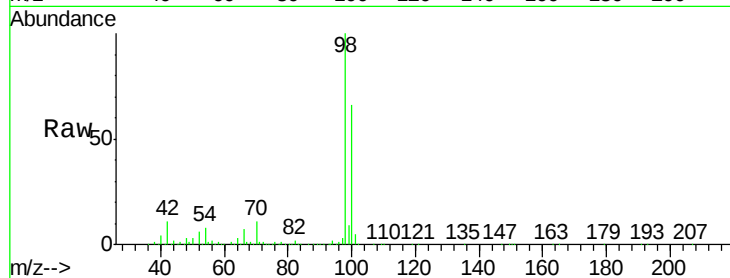
357-GRID-A4-A6

Tot Ion: 98 Resp: 639511

Ion Ratio Lower Upper

98 100

100 66.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD

10.34

400000

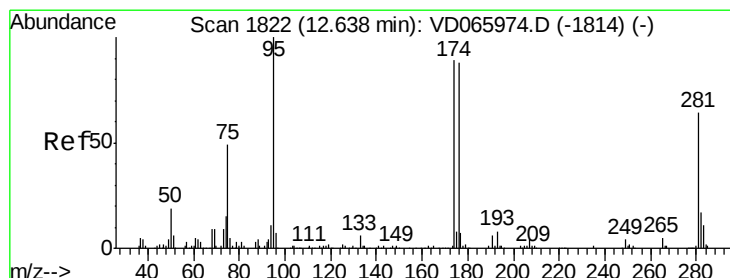
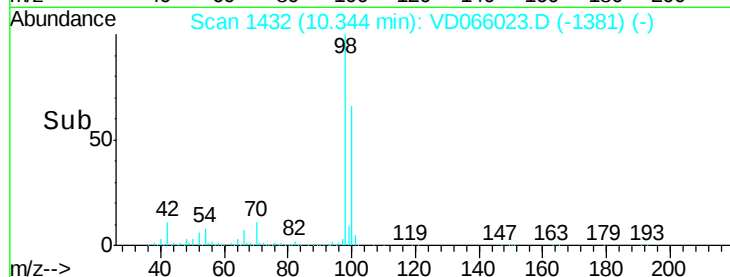
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 62.266 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066023.D

Acq: 23 Jul 2020 14:40

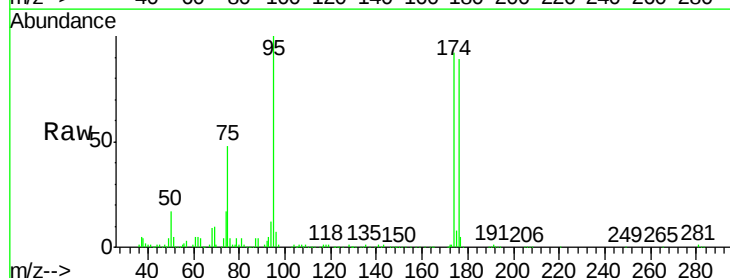
Tgt Ion: 95 Resp: 254536

Ion Ratio Lower Upper

95 100

174 92.6 0.0 178.8

176 89.6 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

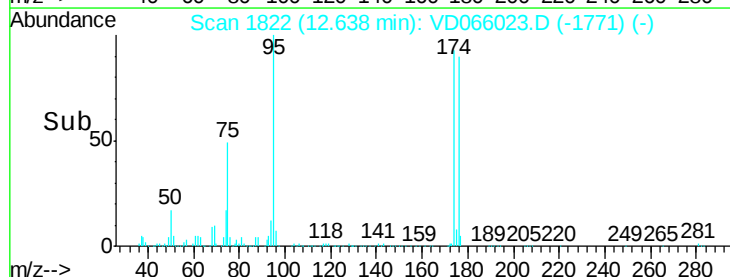
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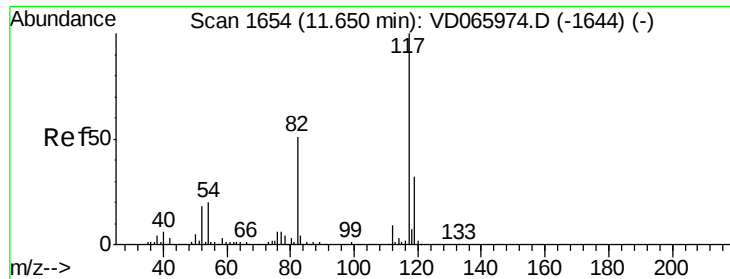
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

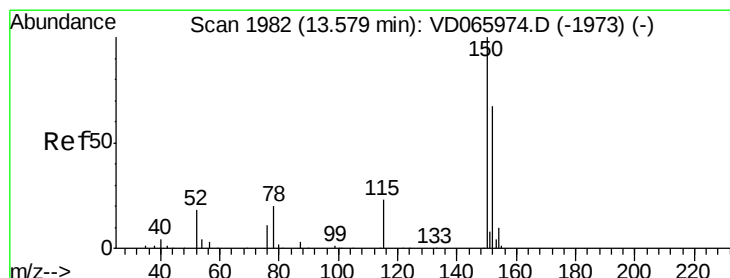
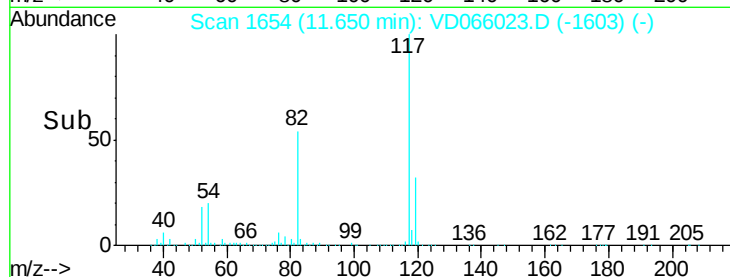
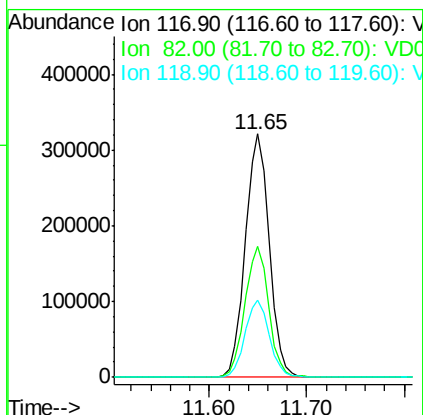
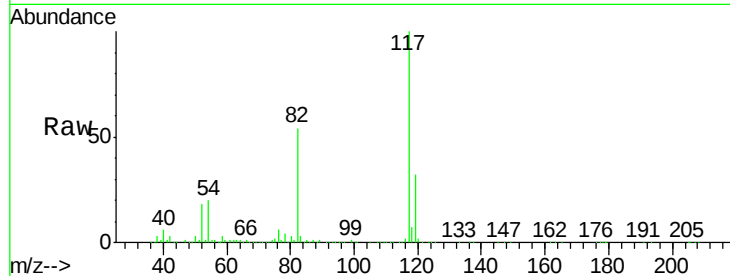




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

Instrument :
MSVOA_D
ClientSampleId :
357-GRID-A4-A6

Tot Ion:117 Resp: 552083
Ion Ratio Lower Upper
117 100
82 53.8 41.1 61.7
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

Tgt Ion:152 Resp: 290524
Ion Ratio Lower Upper
152 100
115 53.4 27.9 83.7
150 157.1 0.0 348.2

