

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066056.D
 Acq On : 24 Jul 2020 19:19
 Operator : VA/SY
 Sample : L3436-01
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1

Quant Time: Jul 25 00:52:20 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

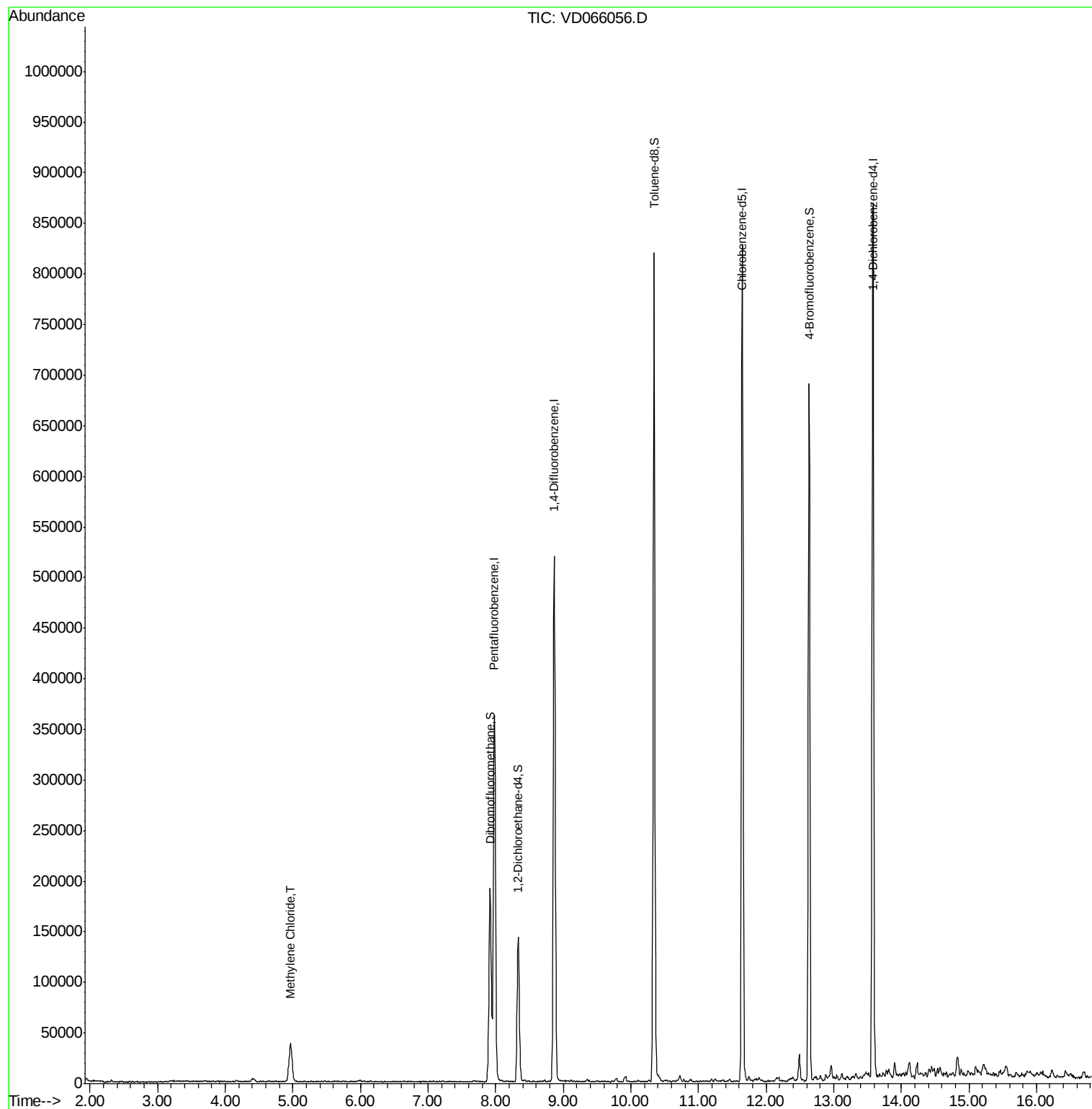
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	294646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	458578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	479554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	117632	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	7.92	113	135172	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
50) Toluene-d8	10.34	98	550616	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.64	95	216684	60.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.62%	
Target Compounds						
20) Methylene Chloride	4.97	84	29654	8.596	ug/l #	90

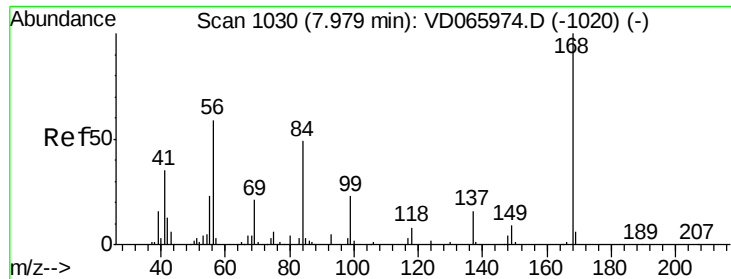
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066056.D

Acq: 24 Jul 2020 19:19

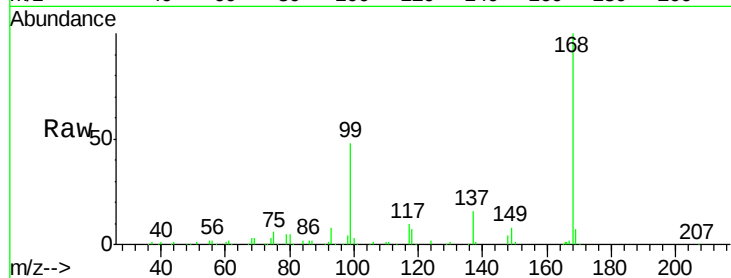
Instrument :
MSVOA_D
ClientSampled :
1

Tot Ion:168 Resp: 294646

Ion Ratio Lower Upper

168 100

99 47.9 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

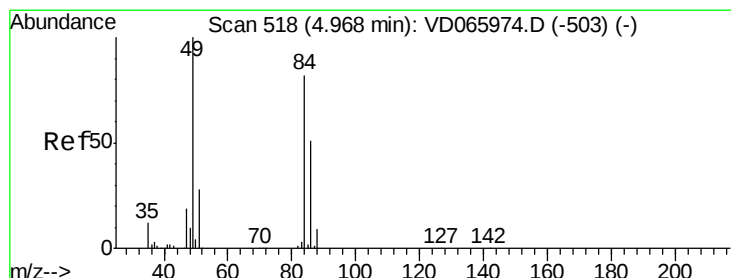
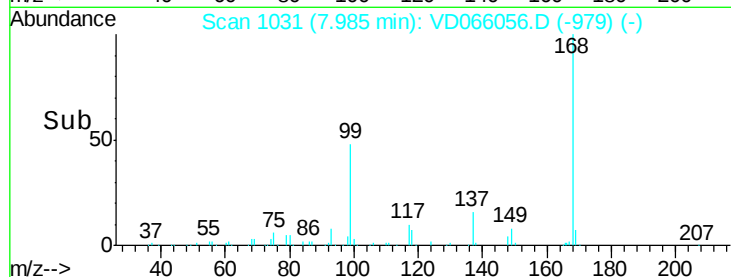
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 8.596 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066056.D

Acq: 24 Jul 2020 19:19

Tgt Ion: 84 Resp: 29654

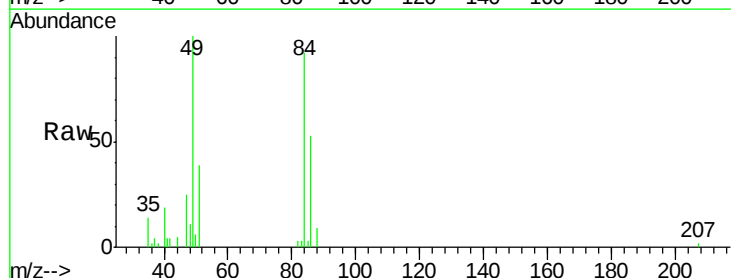
Ion Ratio Lower Upper

84 100

49 108.3 97.7 146.5

51 41.7 27.4 41.2#

86 57.9 49.4 74.2



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

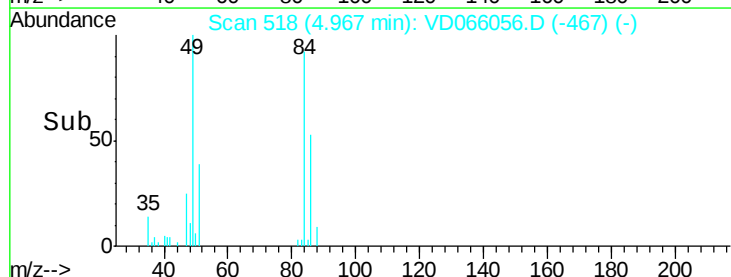
15000

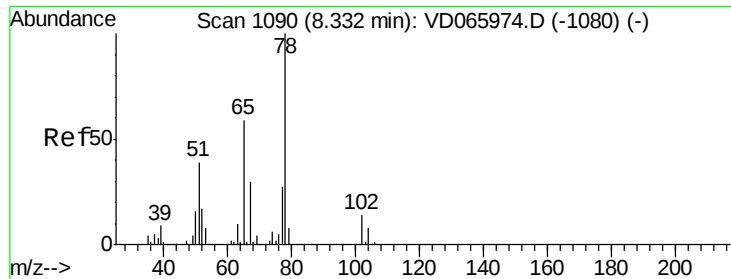
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.064 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD066056.D

Acq: 24 Jul 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

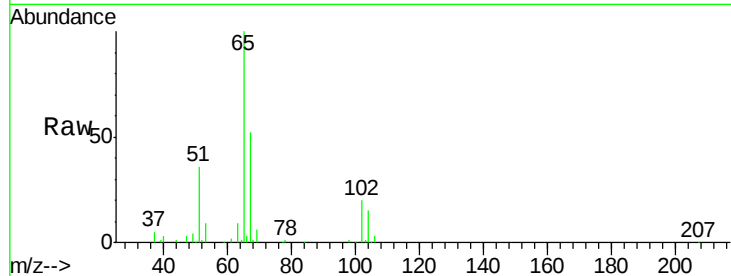
1

Tot Ion: 65 Resp: 117632

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

30000

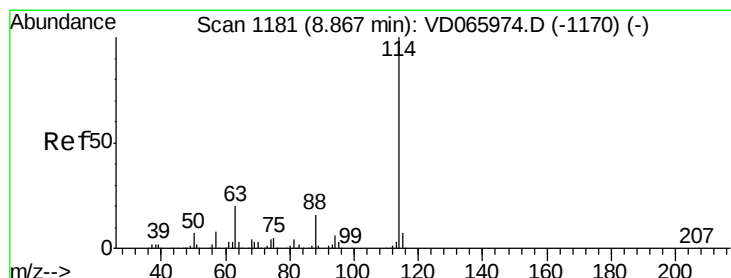
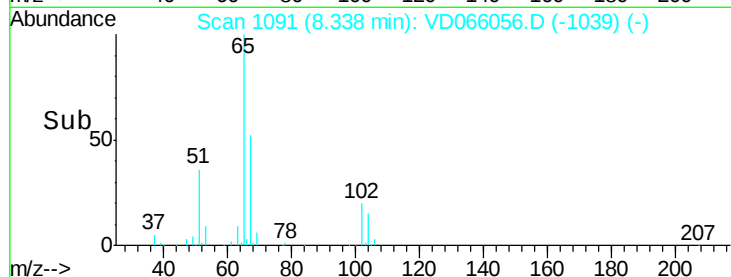
20000

10000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066056.D

Acq: 24 Jul 2020 19:19

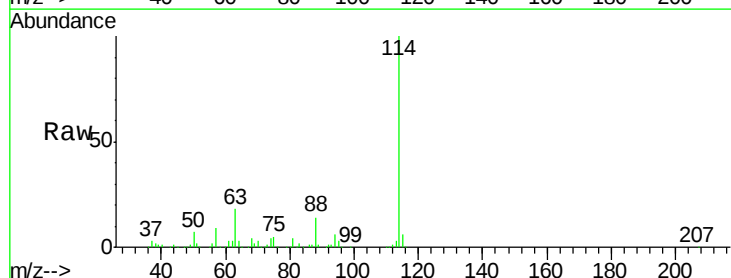
Tgt Ion: 114 Resp: 458578

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 14.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

300000

250000

200000

150000

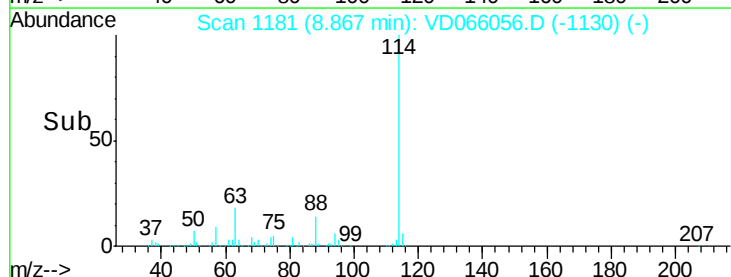
100000

50000

0

8.80 8.90 9.00

Time-->

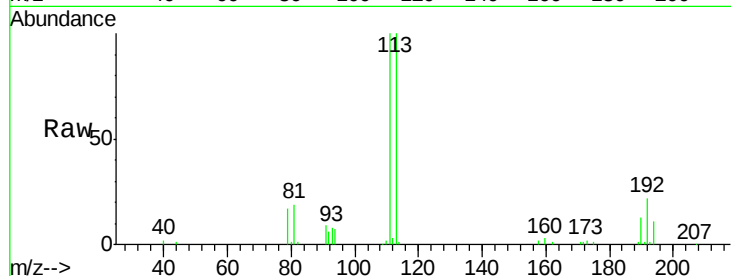




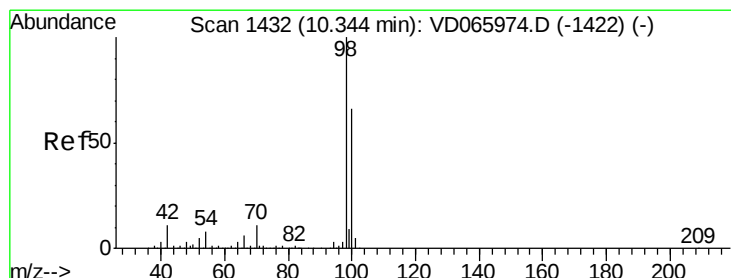
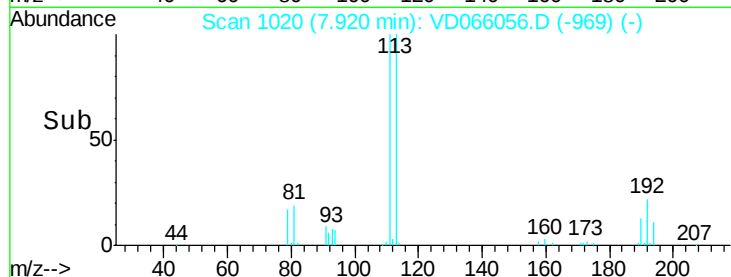
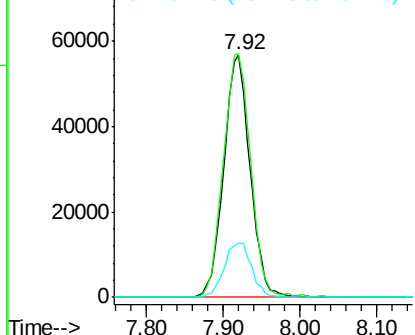
#35
Dibromofluoromethane
Concen: 48.598 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD066056.D
Acq: 24 Jul 2020 19:19

Instrument :
MSVOA_D
ClientSampled :
1

Tot Ion:113 Resp: 135172
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 23.4 18.7 28.1

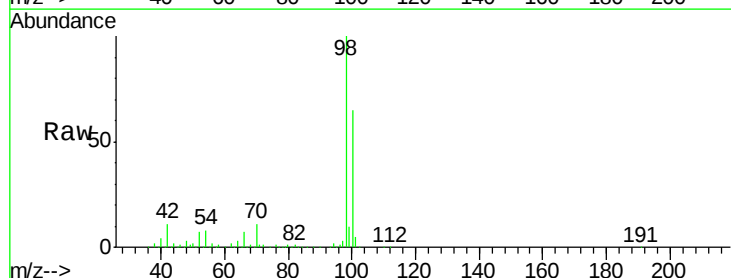


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

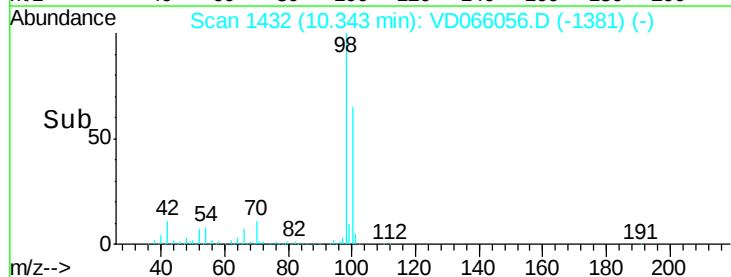
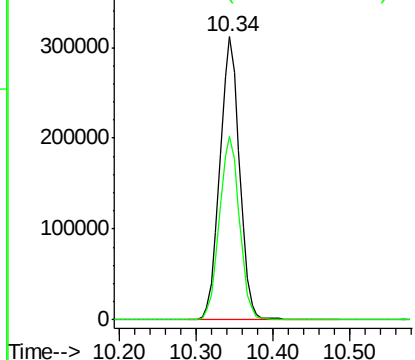


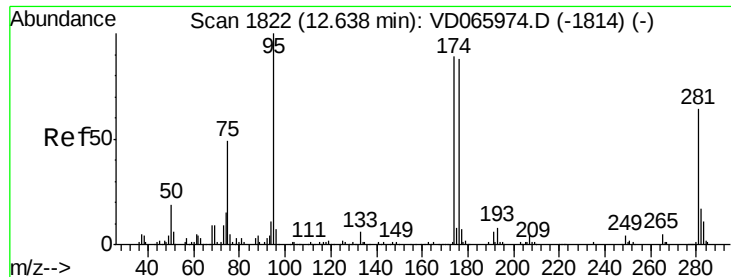
#50
Toluene-d8
Concen: 53.140 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066056.D
Acq: 24 Jul 2020 19:19

Tgt Ion: 98 Resp: 550616
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 60.312 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066056.D

Acq: 24 Jul 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

1

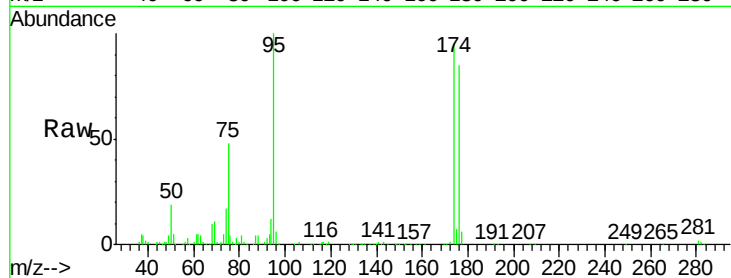
Tot Ion: 95 Resp: 216684

Ion Ratio Lower Upper

95 100

174 94.5 0.0 178.8

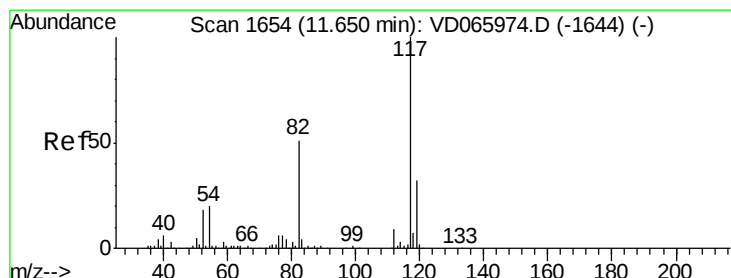
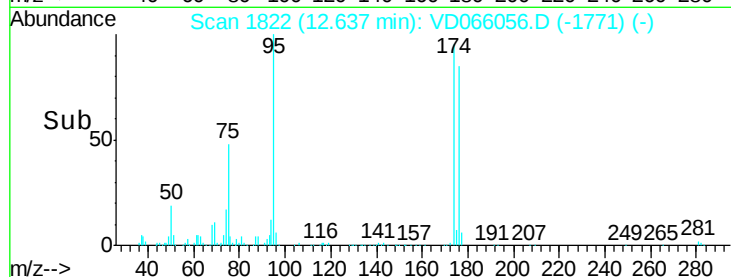
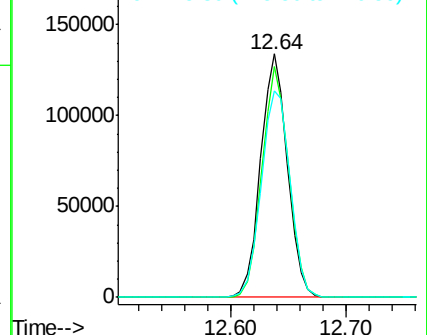
176 91.3 0.0 172.6



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: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066056.D

Acq: 24 Jul 2020 19:19

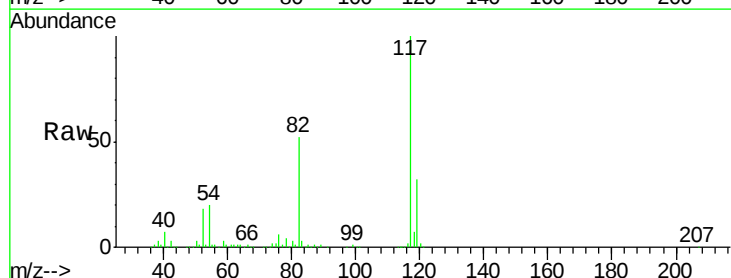
Tgt Ion: 117 Resp: 479554

Ion Ratio Lower Upper

117 100

82 52.2 41.1 61.7

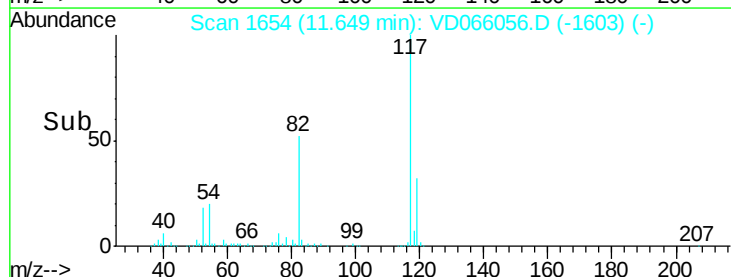
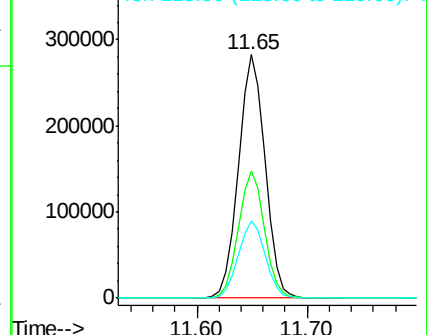
119 31.6 25.9 38.9

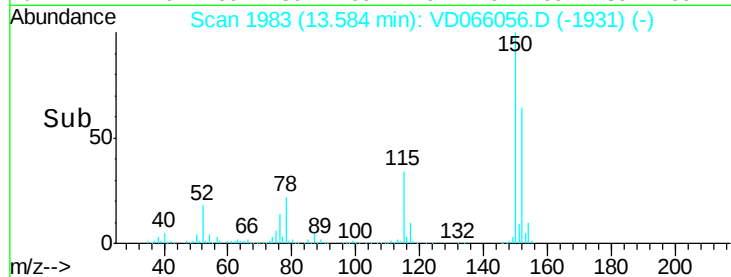
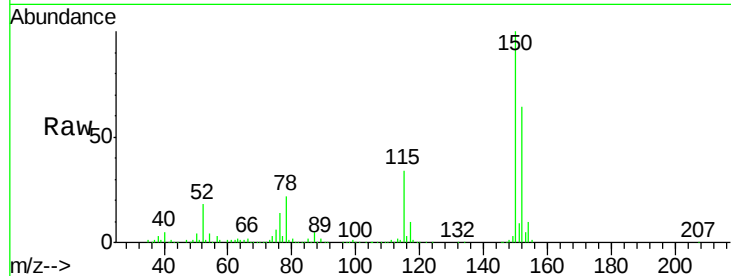
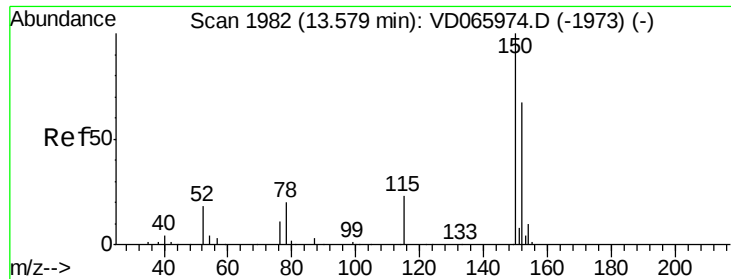


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.01 min

Lab File: VD066056.D

Acq: 24 Jul 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

1

Tot Ion:152 Resp: 249697

Ion Ratio Lower Upper

152 100

115 54.7 27.9 83.7

150 155.0 0.0 348.2

