

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066107.D
 Acq On : 30 Jul 2020 13:18
 Operator : VA/SY
 Sample : L3478-02
 Misc : 6.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-VNJ-213

Quant Time: Jul 31 02:51:39 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

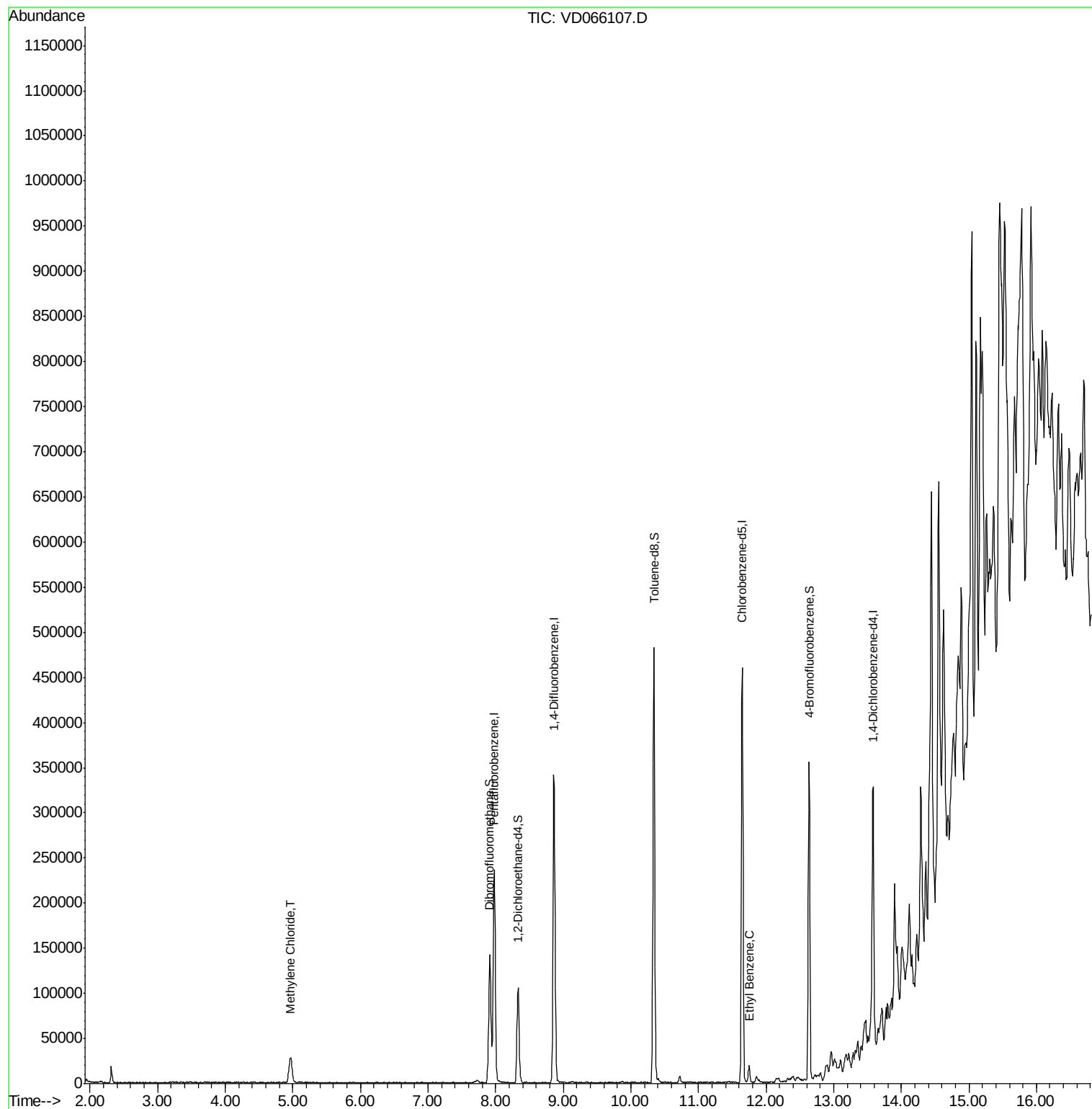
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	181633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	295986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	268271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	83973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	89430	60.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.02%	
35) Dibromofluoromethane	7.92	113	96019	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	10.34	98	333451	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.64	95	106369	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
20) Methylene Chloride	4.96	84	22574	11.355	ug/l	87
67) Ethyl Benzene	11.75	91	12127	1.435	ug/l #	81

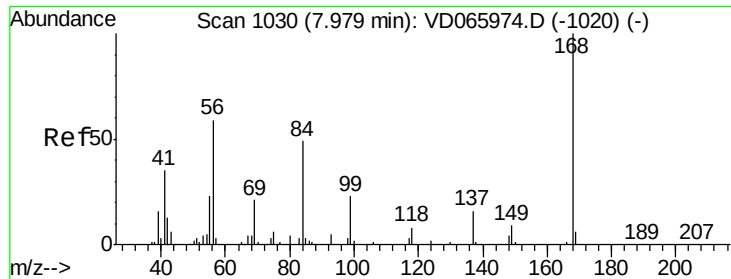
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066107.D

Acq: 30 Jul 2020 13:18

Instrument :

MSVOA_D

ClientSampleId :

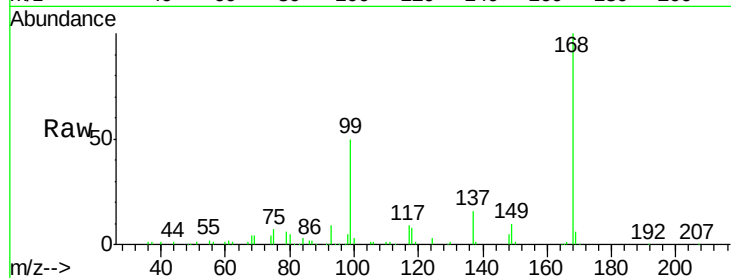
ROLLOFF-VNJ-213

Tot Ion:168 Resp: 181633

Ion Ratio Lower Upper

168 100

99 50.2 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

80000

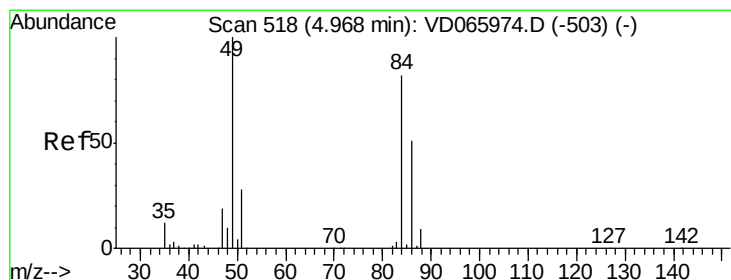
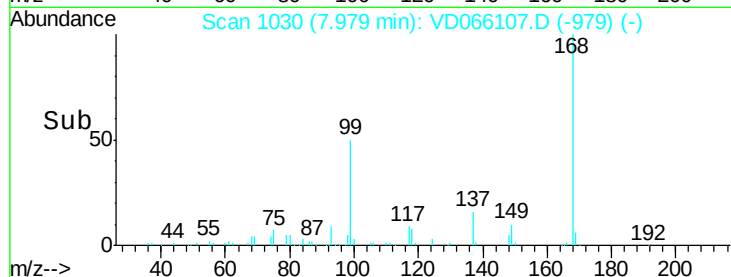
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 11.355 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066107.D

Acq: 30 Jul 2020 13:18

Tgt Ion: 84 Resp: 22574

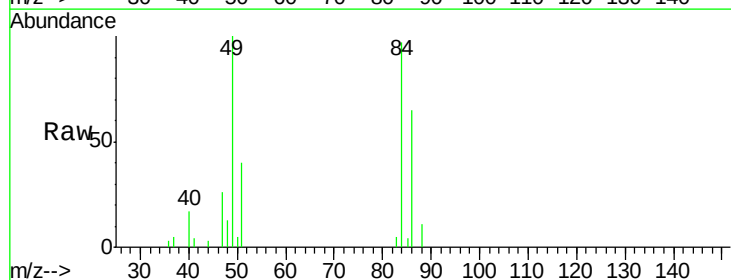
Ion Ratio Lower Upper

84 100

49 102.9 97.7 146.5

51 40.7 27.4 41.2

86 67.1 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

4.96

12000

10000

8000

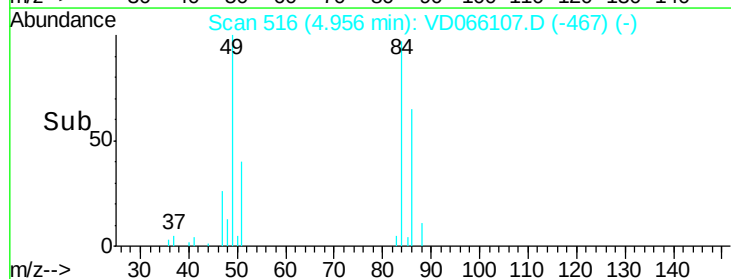
6000

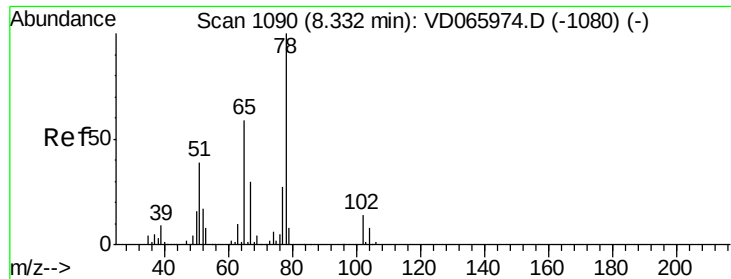
4000

2000

0

Time-->

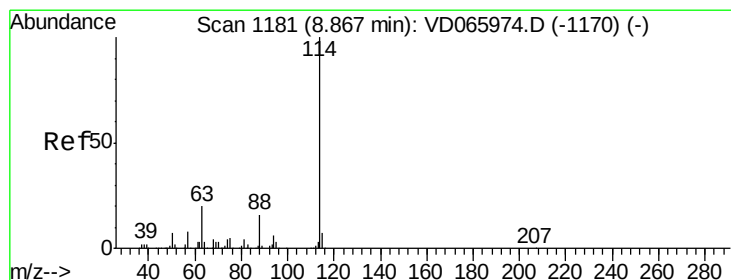
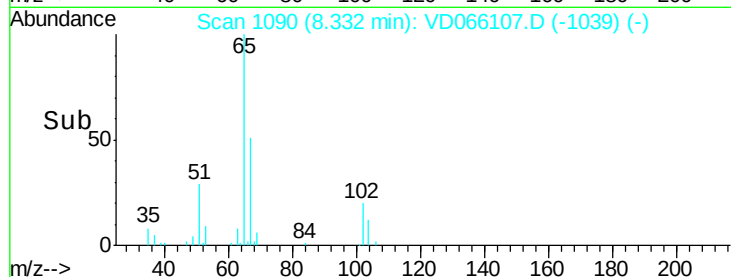
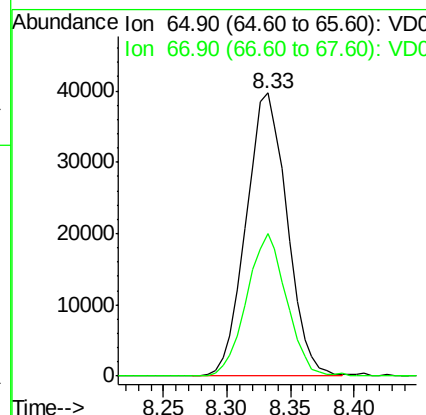
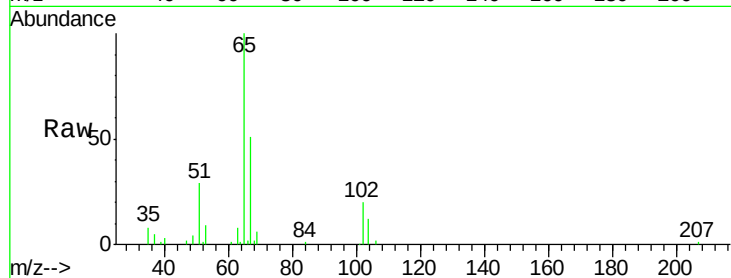




#33
 1,2-Dichloroethane-d4
 Concen: 60.510 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066107.D
 Acq: 30 Jul 2020 13:18

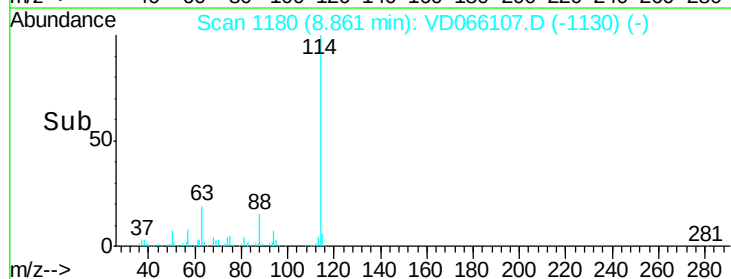
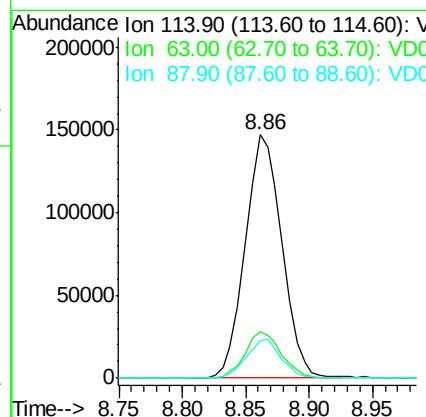
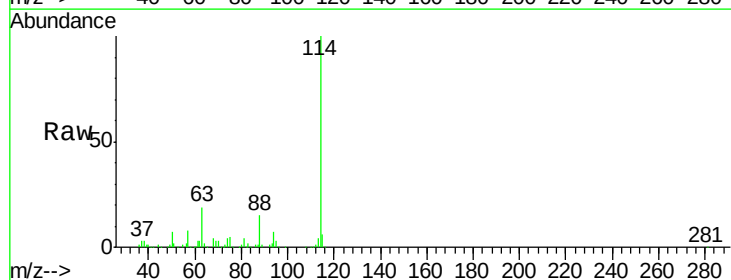
Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-VNJ-213

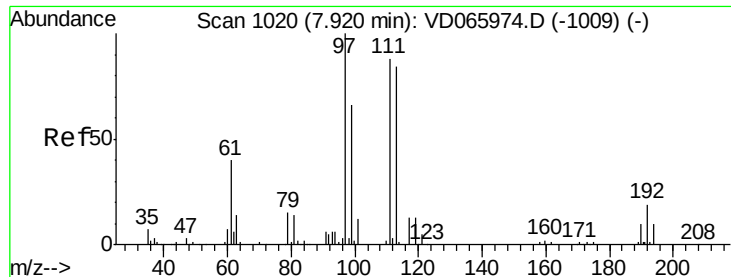
Tot Ion: 65 Resp: 89430
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066107.D
 Acq: 30 Jul 2020 13:18

Tgt Ion: 114 Resp: 295986
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.485 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD066107.D

Acq: 30 Jul 2020 13:18

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-VNJ-213

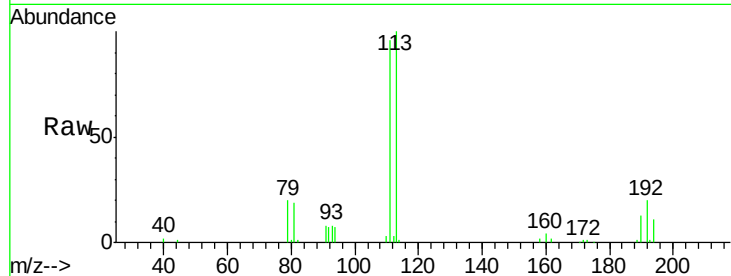
Tot Ion:113 Resp: 96019

Ion Ratio Lower Upper

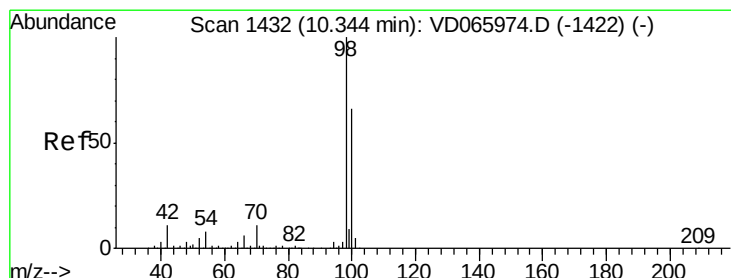
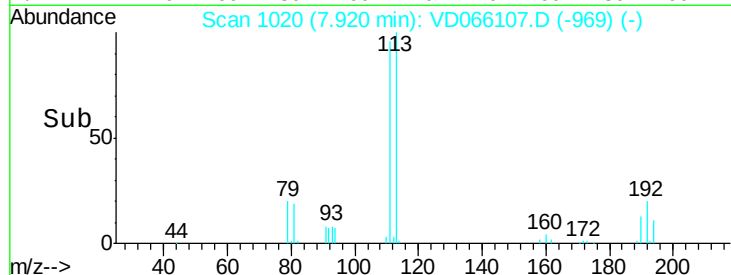
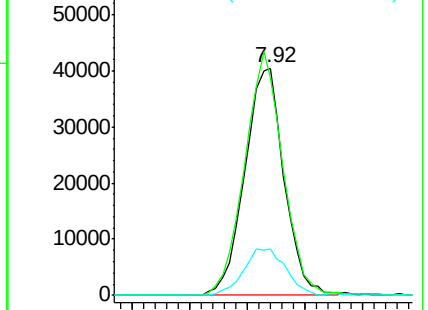
113 100

111 104.4 83.2 124.8

192 21.9 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: 49.860 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066107.D

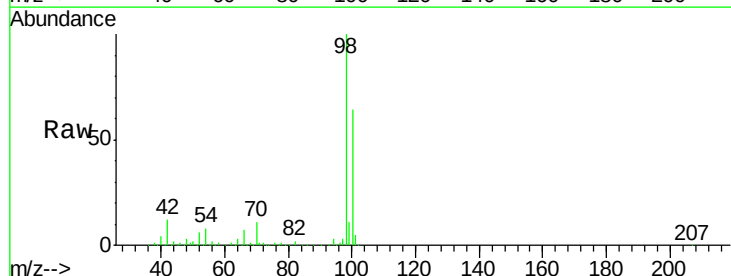
Acq: 30 Jul 2020 13:18

Tgt Ion: 98 Resp: 333451

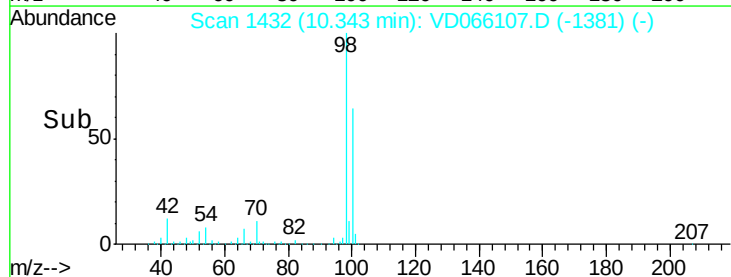
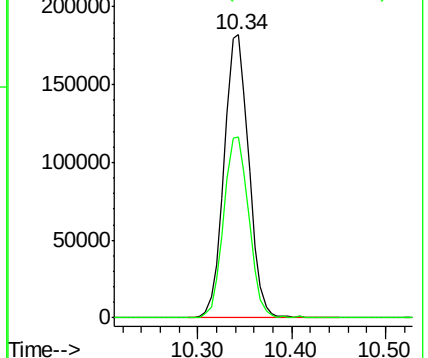
Ion Ratio Lower Upper

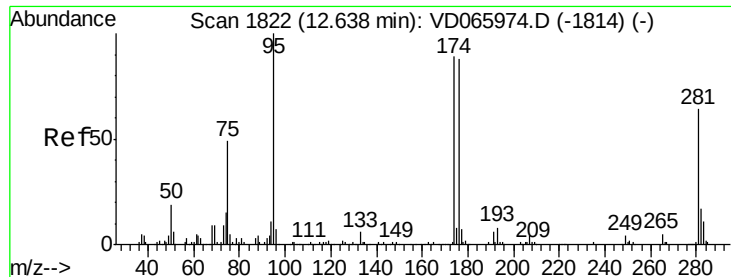
98 100

100 65.3 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: 45.870 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066107.D

Acq: 30 Jul 2020 13:18

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-VNJ-213

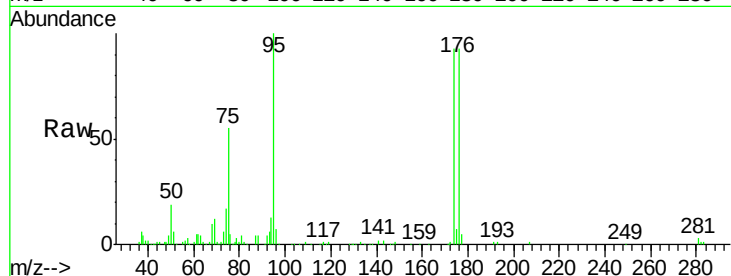
Tot Ion: 95 Resp: 106369

Ion Ratio Lower Upper

95 100

174 94.8 0.0 178.8

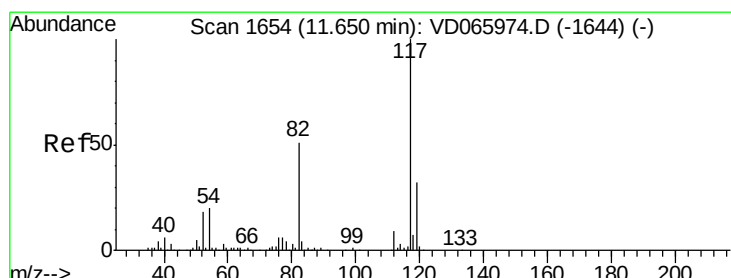
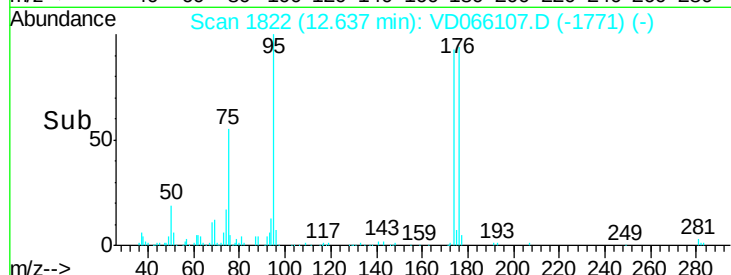
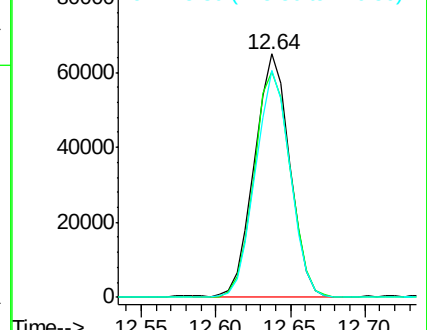
176 91.4 0.0 172.6



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: VD066107.D

Acq: 30 Jul 2020 13:18

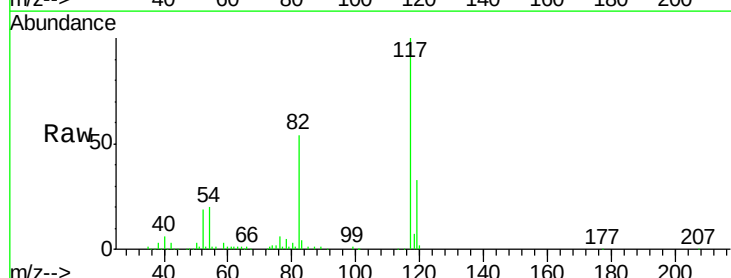
Tgt Ion: 117 Resp: 268271

Ion Ratio Lower Upper

117 100

82 54.0 41.1 61.7

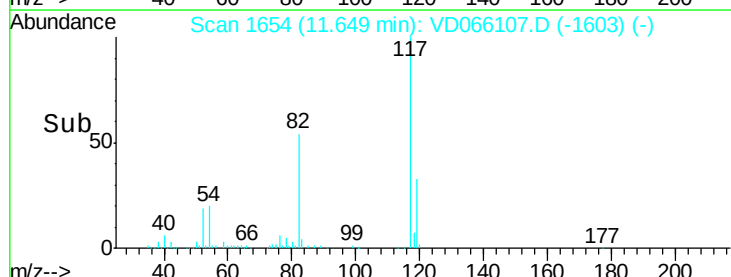
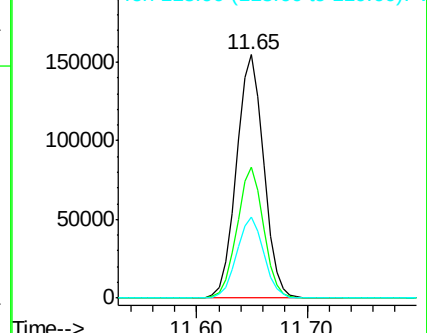
119 33.4 25.9 38.9

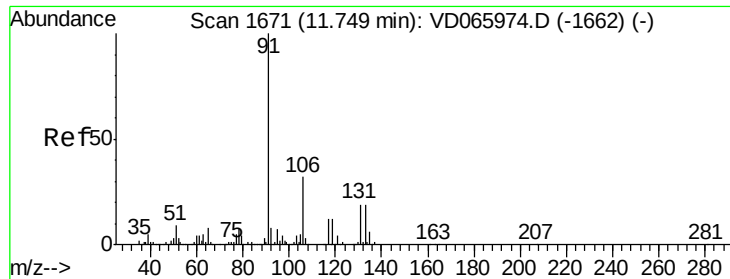


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

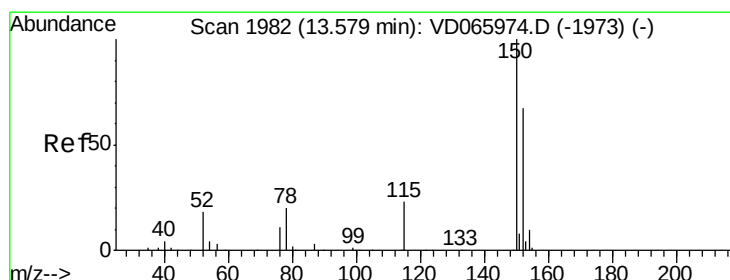
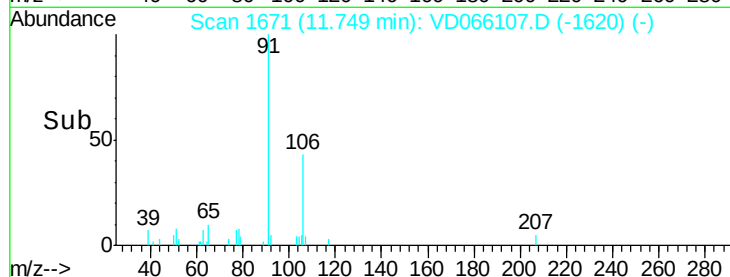
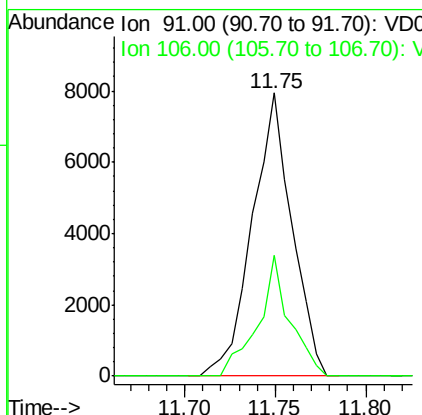
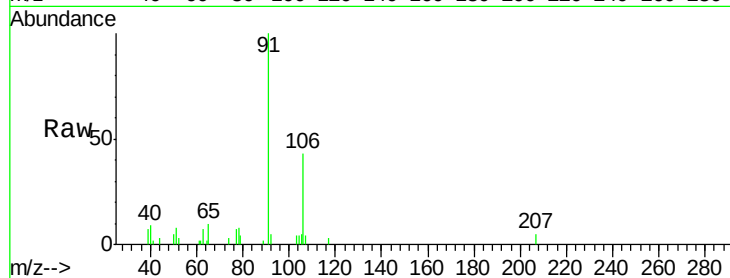




#67
Ethyl Benzene
Concen: 1.435 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD066107.D
Acq: 30 Jul 2020 13:18

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-VNJ-213

Tot Ion: 91 Resp: 12127
Ion Ratio Lower Upper
91 100
106 42.9 25.7 38.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066107.D
Acq: 30 Jul 2020 13:18

Tgt Ion: 152 Resp: 83973
Ion Ratio Lower Upper
152 100
115 52.6 27.9 83.7
150 149.3 0.0 348.2

