

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061440.D
 Acq On : 18 May 2020 17:27
 Operator : JC/MD
 Sample : L2679-06MEDL 10X
 Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-5-14.0-14.5MEDL

Quant Time: May 19 03:49:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

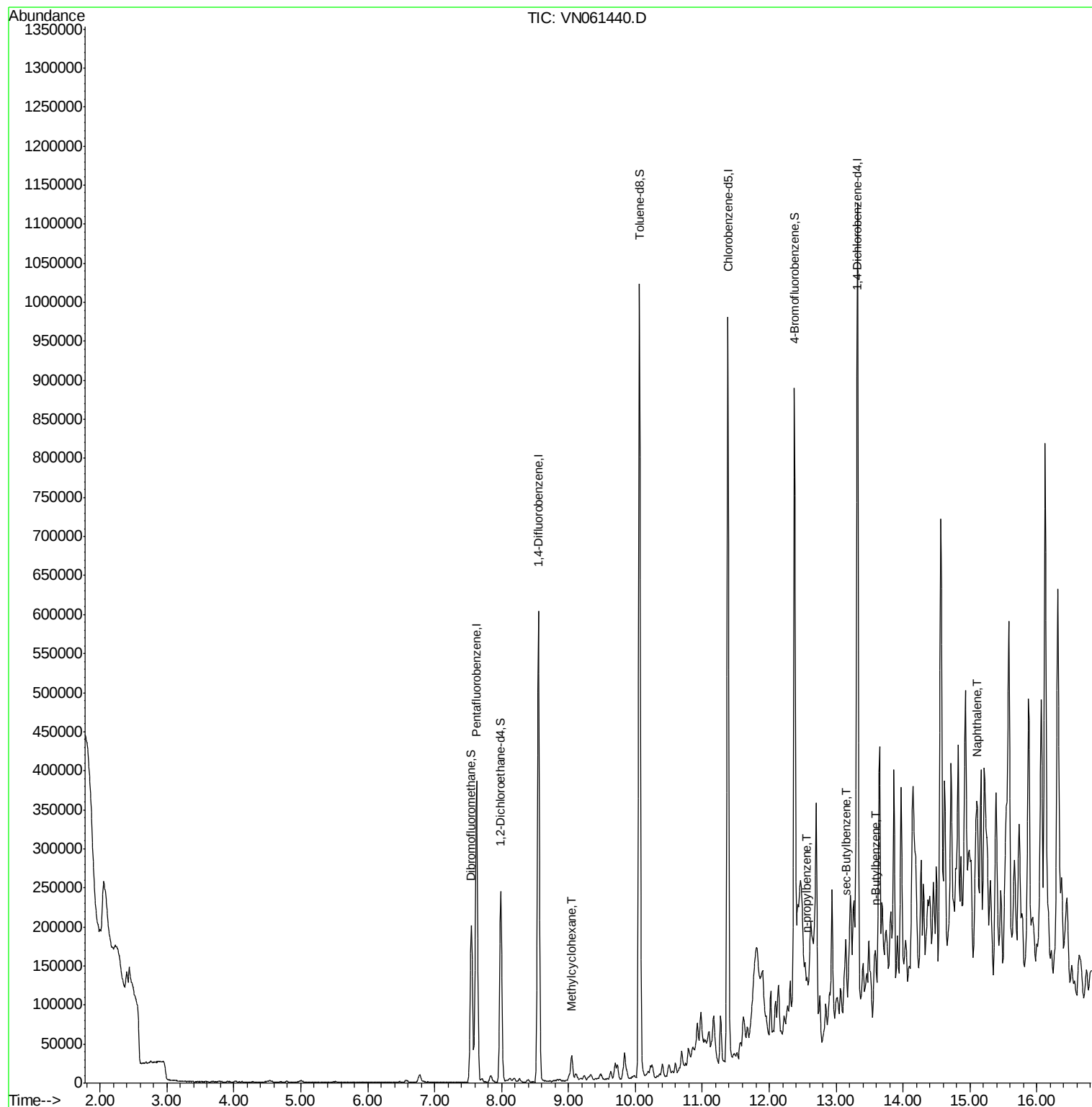
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	294001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	542101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	208314	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
35) Dibromofluoromethane	7.55	113	154710	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
50) Toluene-d8	10.06	98	689990	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.38	95	267943	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
Target Compounds						
39) Methylcyclohexane	9.05	83	13148	2.124	ug/l	96
78) n-propylbenzene	12.57	91	28668	1.220	ug/l	99
85) sec-Butylbenzene	13.15	105	40501	2.070	ug/l	86
89) n-Butylbenzene	13.59	91	35992	2.280	ug/l #	80
95) Naphthalene	15.10	128	91965	6.788	ug/l #	88

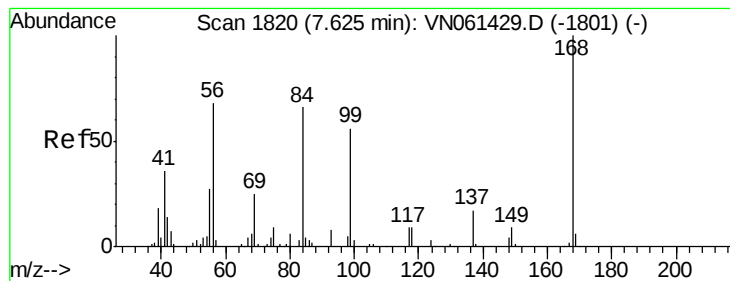
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051820\
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SB-5-14.0-14.5MEDL

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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

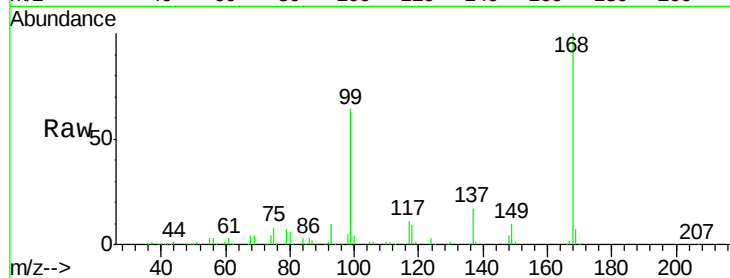
SB-5-14.0-14.5MEDL

Tot Ion:168 Resp: 294001

Ion Ratio Lower Upper

168 100

99 64.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

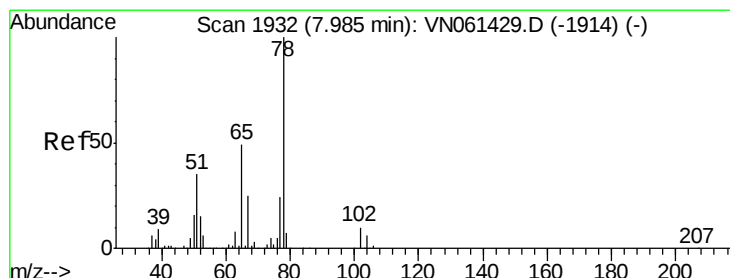
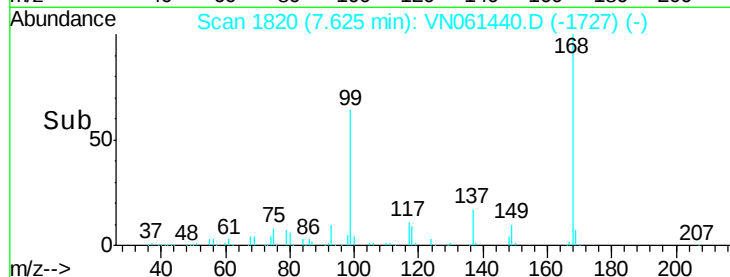
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.475 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061440.D

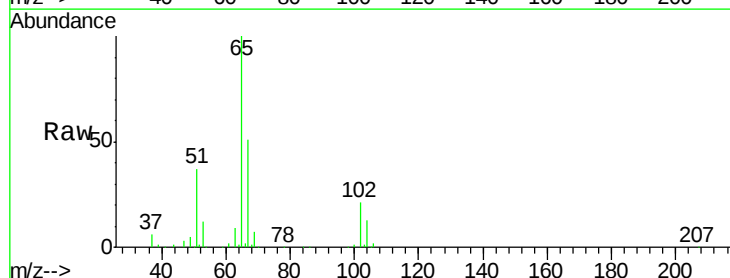
Acq: 18 May 2020 17:27

Tgt Ion: 65 Resp: 208314

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

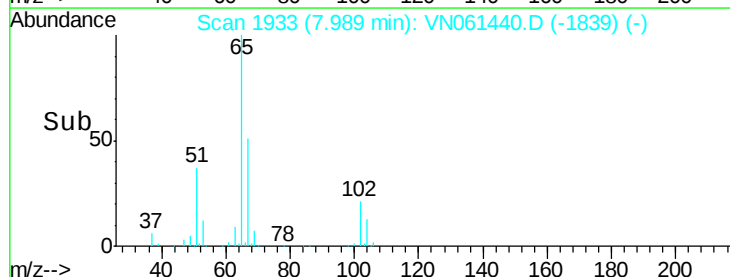
60000

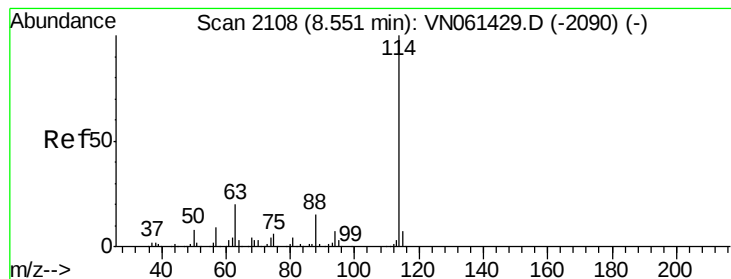
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

SB-5-14.0-14.5MEDL

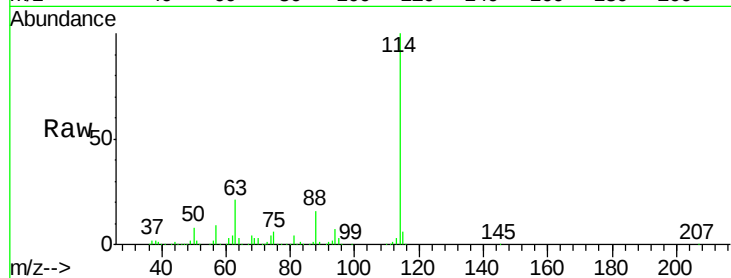
Tot Ion:114 Resp: 542101

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

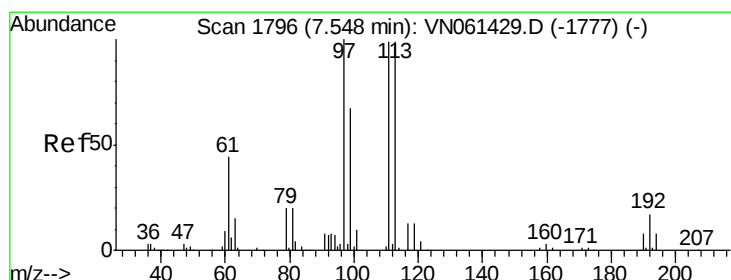
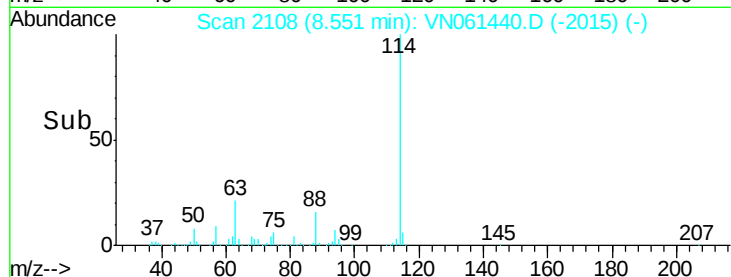
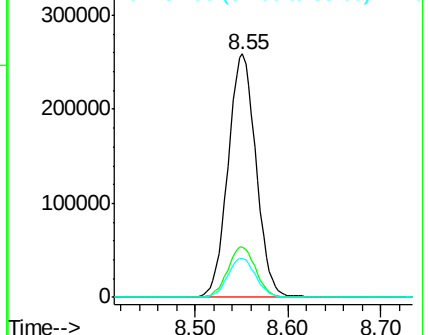
88 16.1 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 54.477 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

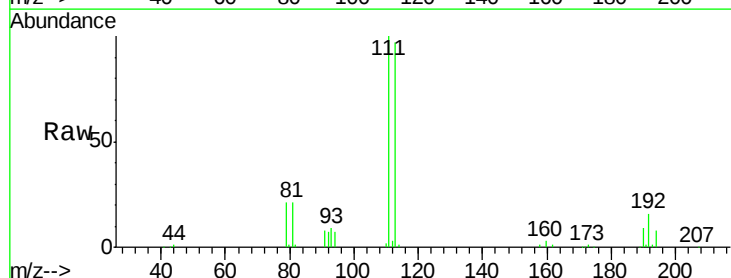
Tgt Ion:113 Resp: 154710

Ion Ratio Lower Upper

113 100

111 102.6 80.6 121.0

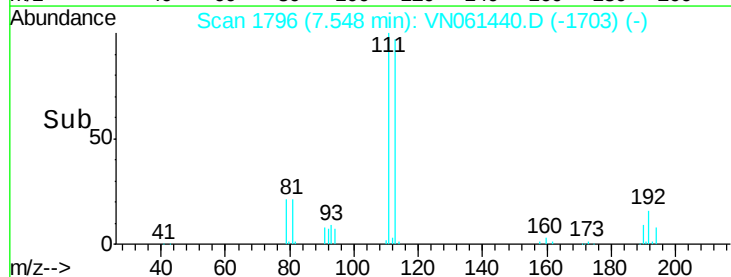
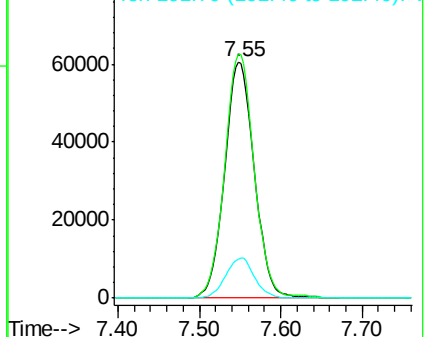
192 16.5 13.2 19.8

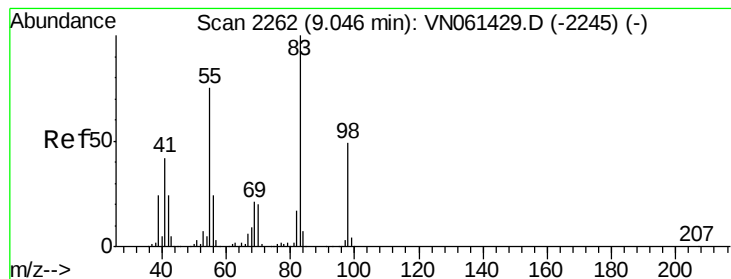


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 2.124 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

SB-5-14.0-14.5MEDL

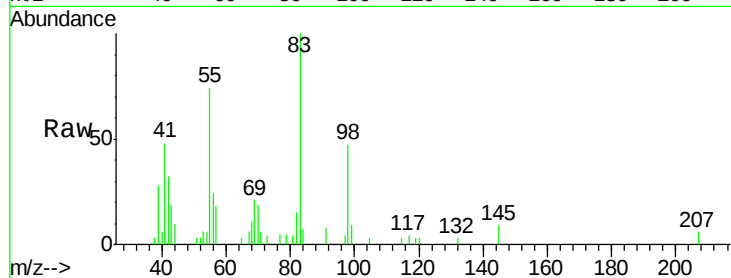
Tot Ion: 83 Resp: 13148

Ion Ratio Lower Upper

83 100

55 70.5 59.7 89.5

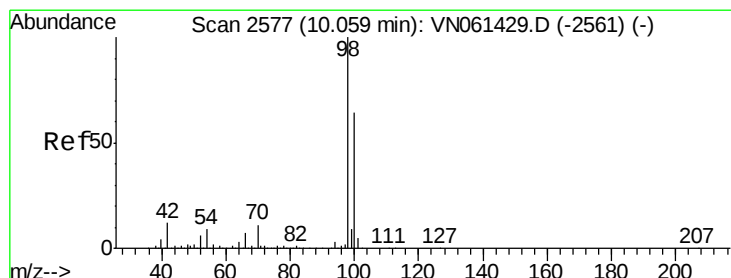
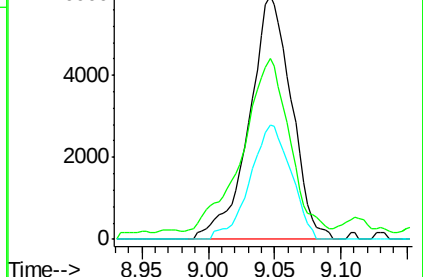
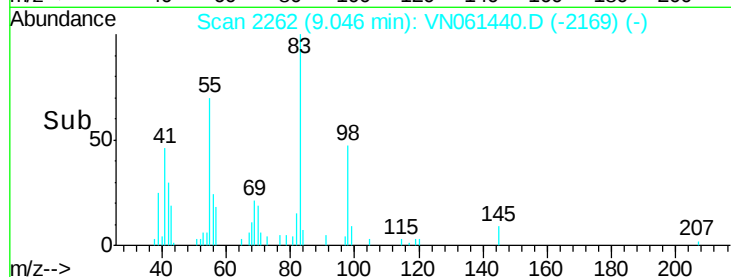
98 47.0 38.9 58.3



Abundance Ion 83.00 (82.70 to 83.70): VN061440.D (-2169) (-)

Ion 55.00 (54.70 to 55.70): VN061440.D (-2169) (-)

Ion 98.00 (97.70 to 98.70): VN061440.D (-2169) (-)



#50

Toluene-d8

Concen: 52.382 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061440.D

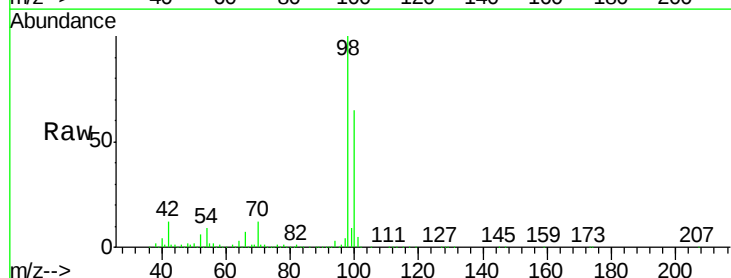
Acq: 18 May 2020 17:27

Tgt Ion: 98 Resp: 689990

Ion Ratio Lower Upper

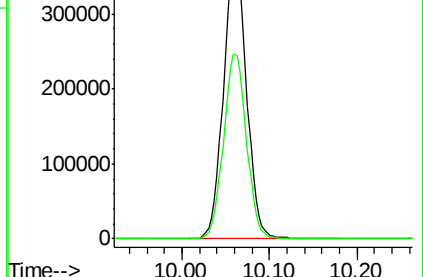
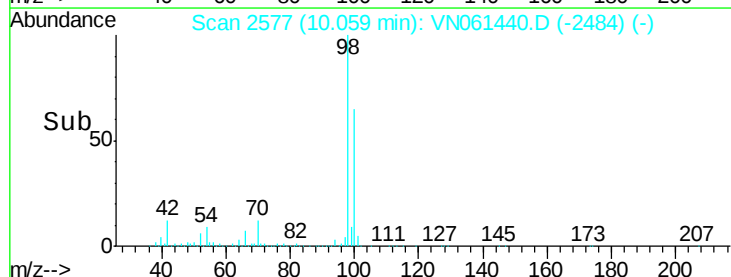
98 100

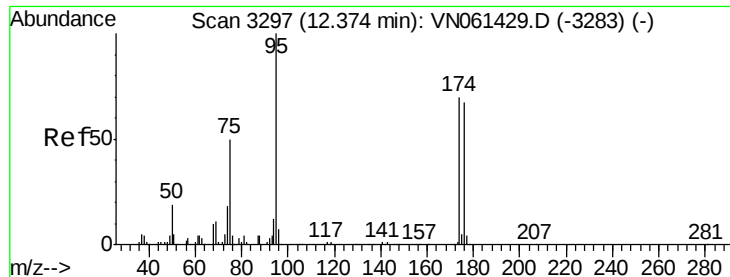
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061440.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061440.D (-2484) (-)





#62

4-Bromofluorobenzene

Concen: 54.446 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

SB-5-14.0-14.5MEDL

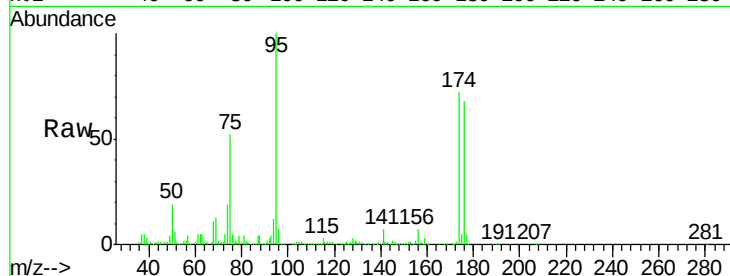
Tot Ion: 95 Resp: 267943

Ion Ratio Lower Upper

95 100

174 72.2 0.0 141.2

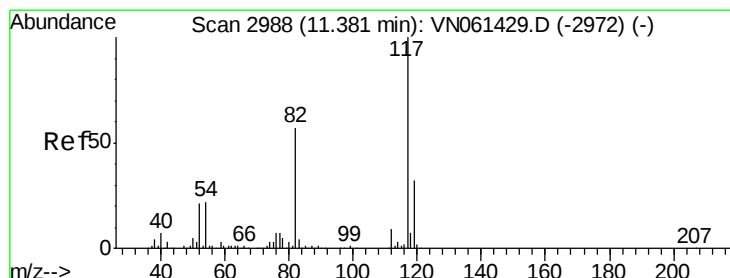
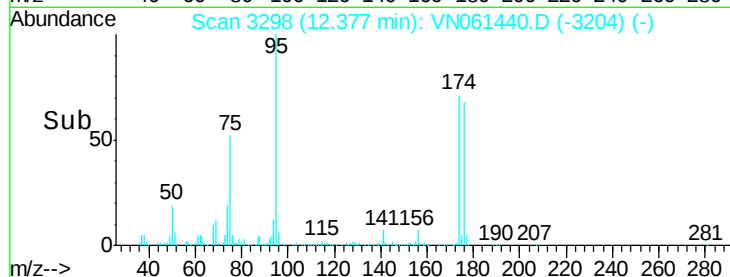
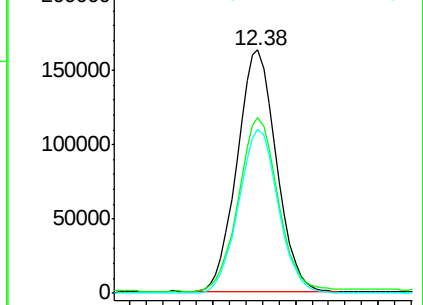
176 68.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

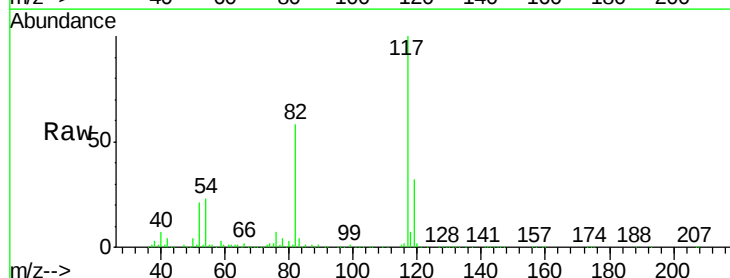
Tgt Ion: 117 Resp: 533161

Ion Ratio Lower Upper

117 100

82 58.2 45.2 67.8

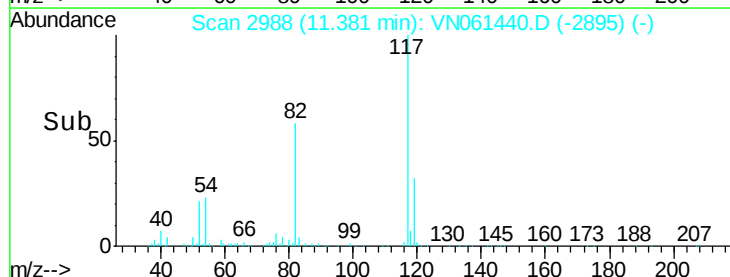
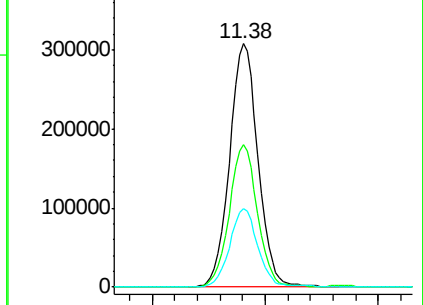
119 31.9 25.3 37.9

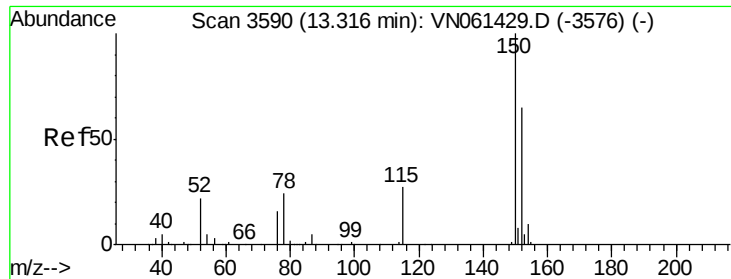


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

SB-5-14.0-14.5MEDL

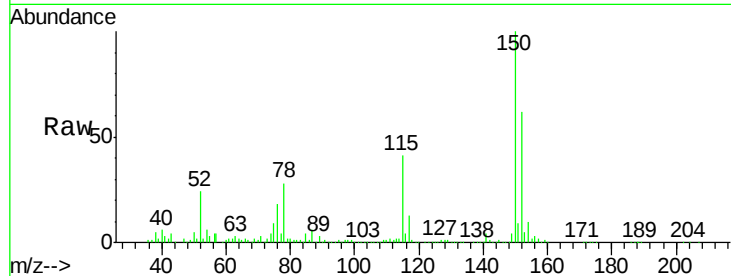
Tot Ion:152 Resp: 256974

Ion Ratio Lower Upper

152 100

115 66.7 30.9 92.5

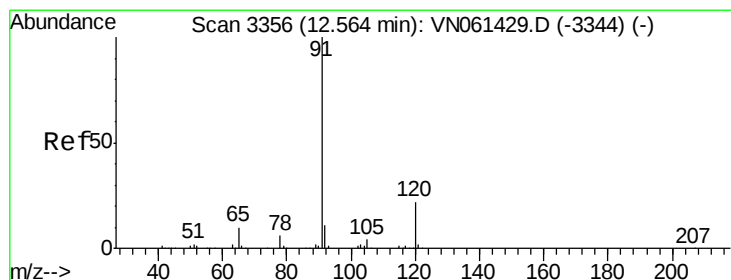
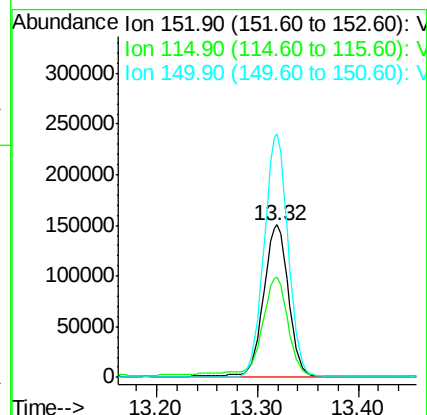
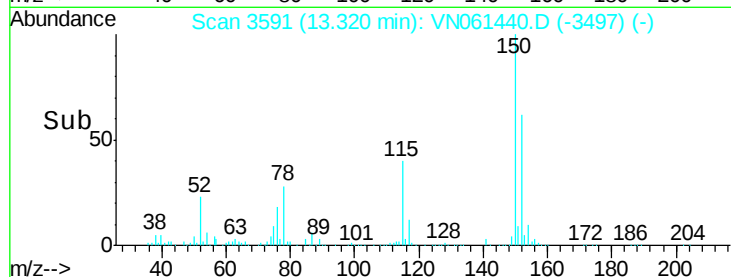
150 153.8 0.0 349.2



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



#78

n-propylbenzene

Concen: 1.220 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061440.D

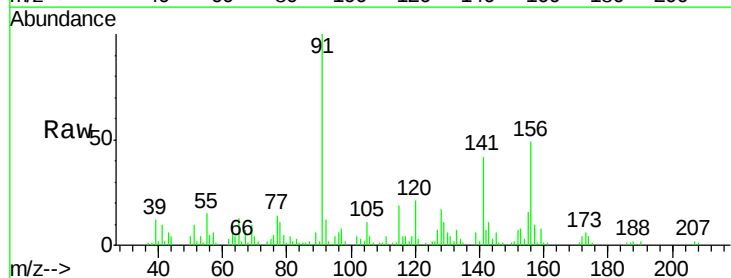
Acq: 18 May 2020 17:27

Tgt Ion: 91 Resp: 28668

Ion Ratio Lower Upper

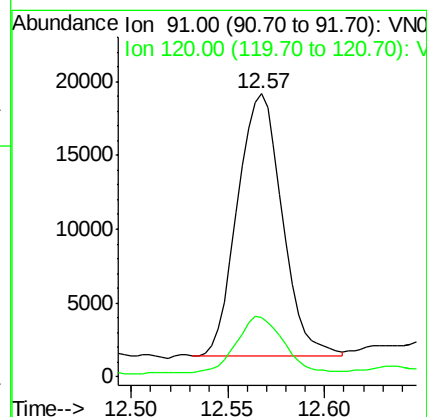
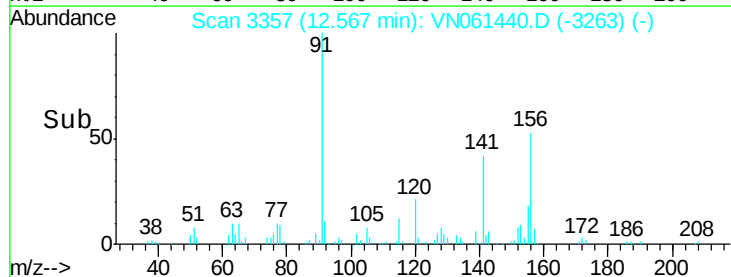
91 100

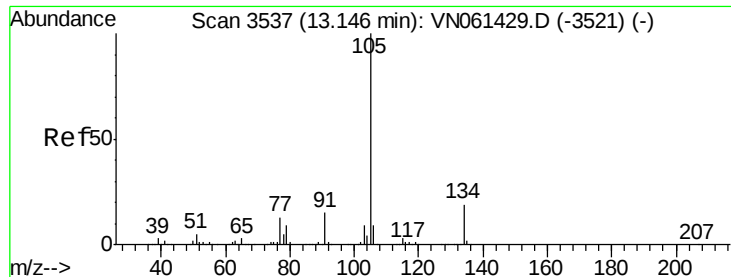
120 22.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.070 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

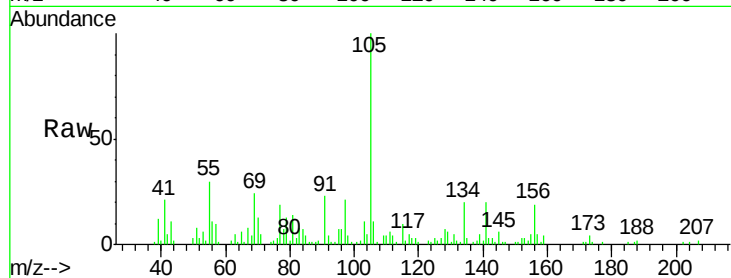
SB-5-14.0-14.5MEDL

Tot Ion:105 Resp: 40501

Ion Ratio Lower Upper

105 100

134 26.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

30000

25000

20000

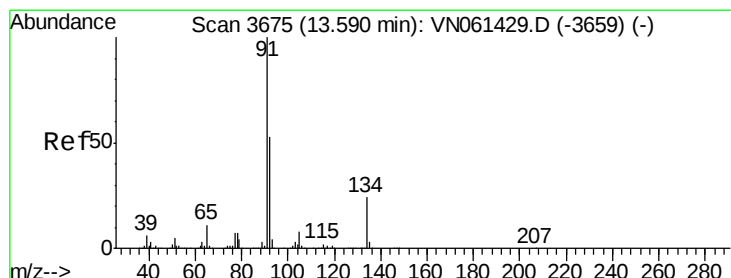
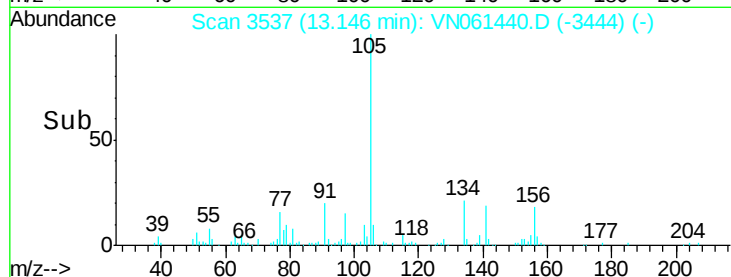
15000

10000

5000

0

Time-->



#89

n-Butylbenzene

Concen: 2.280 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

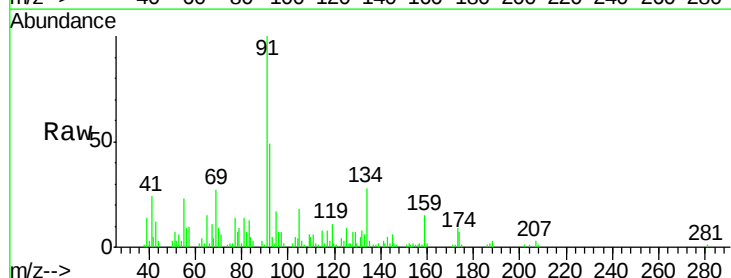
Tgt Ion: 91 Resp: 35992

Ion Ratio Lower Upper

91 100

92 48.8 26.8 80.3

134 0.0 12.4 37.4#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

13.59

30000

25000

20000

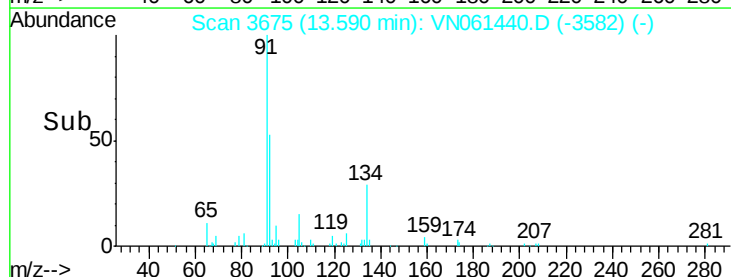
15000

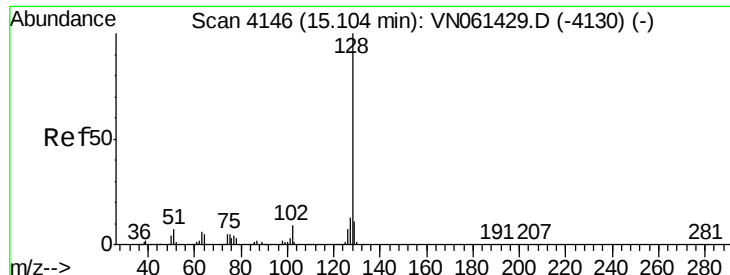
10000

5000

0

Time-->

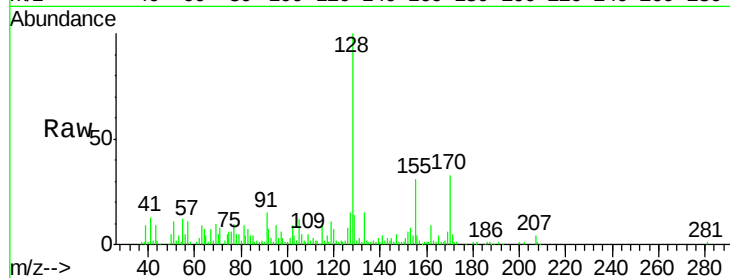




#95
Naphthalene
Concen: 6.788 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
SB-5-14.0-14.5MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.4	10.1	15.1#
129	15.5	8.6	13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

