

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061483.D
 Acq On : 19 May 2020 15:10
 Operator : JC/MD
 Sample : L2679-06ME
 Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 20 04:52:12 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	7.62	168	283417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	500933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	357561	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	184698	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	
35) Dibromofluoromethane	7.54	113	132451	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.06	98	643112	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.37	95	288567	62.69	ug/l	0.00
Spiked Amount			Recovery	=	125.38%	

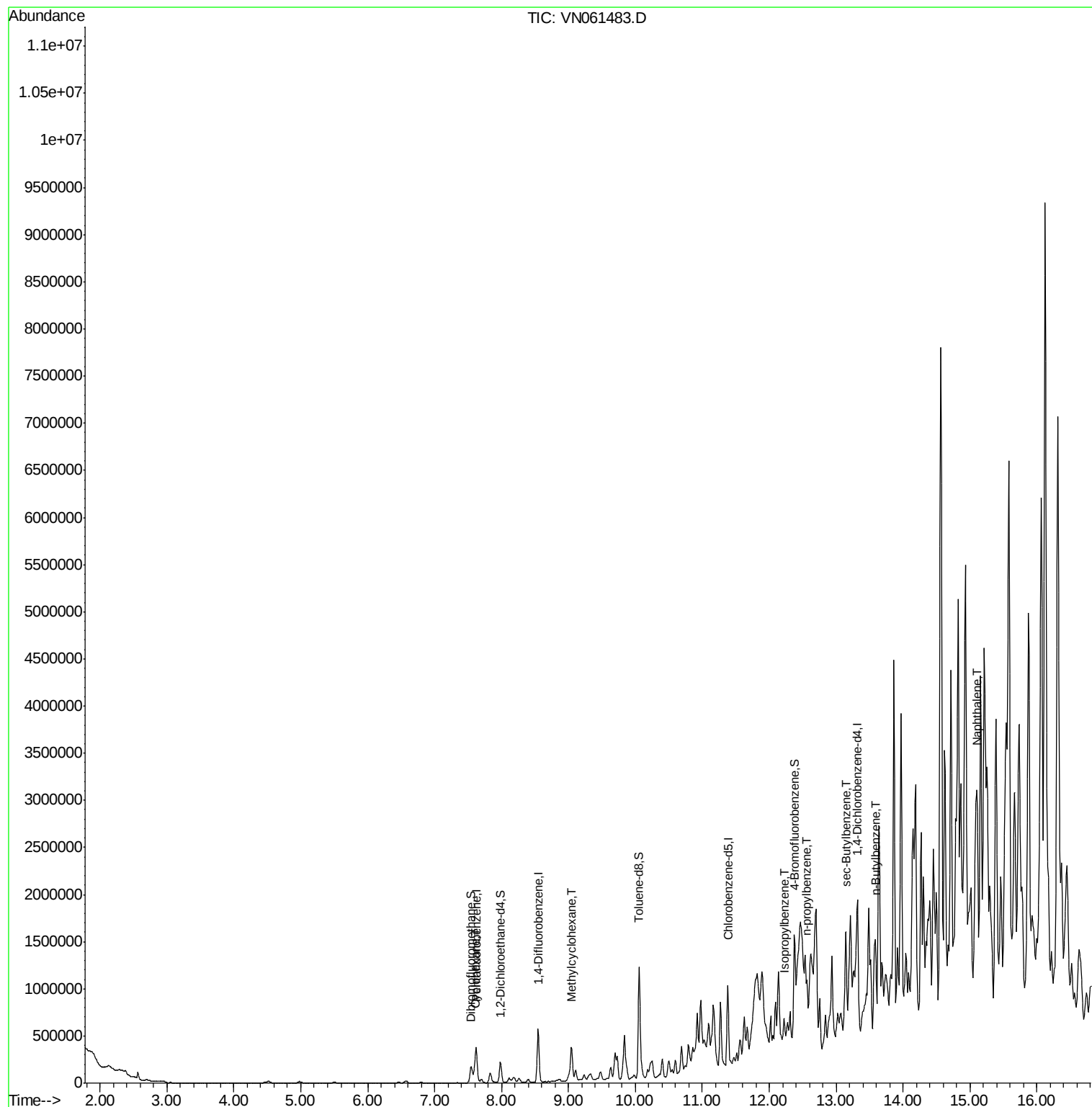
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.60	56	33208	3.308	ug/l	94
39) Methylcyclohexane	9.04	83	152421	26.319	ug/l	98
73) Isopropylbenzene	12.22	105	162212	5.651	ug/l	95
78) n-propylbenzene	12.56	91	360568	11.024	ug/l	96
85) sec-Butylbenzene	13.15	105	560845	20.602	ug/l	85
89) n-Butylbenzene	13.59	91	507704	23.118	ug/l	95
95) Naphthalene	15.10	128	1198695	63.585	ug/l	97

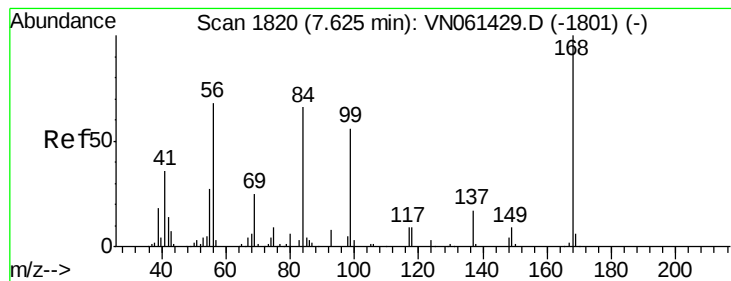
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-5-14.0-14.5ME

Quant Time: May 20 04:52:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
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: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

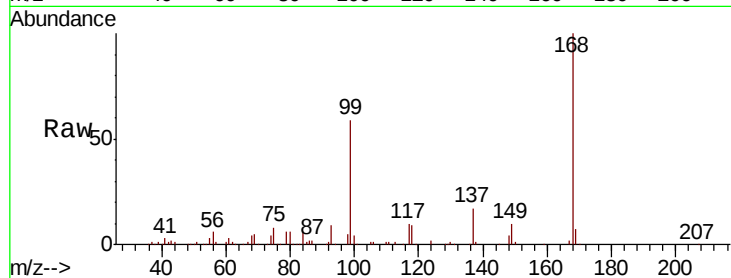
SB-5-14.0-14.5ME

Tot Ion:168 Resp: 283417

Ion Ratio Lower Upper

168 100

99 58.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

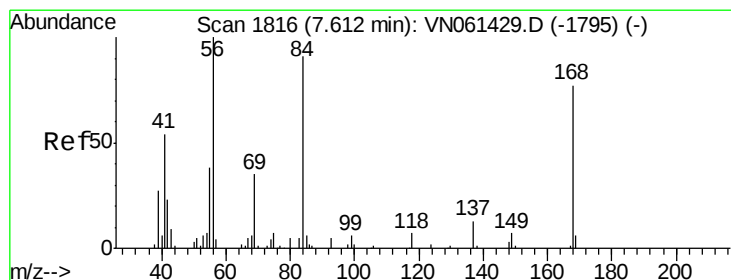
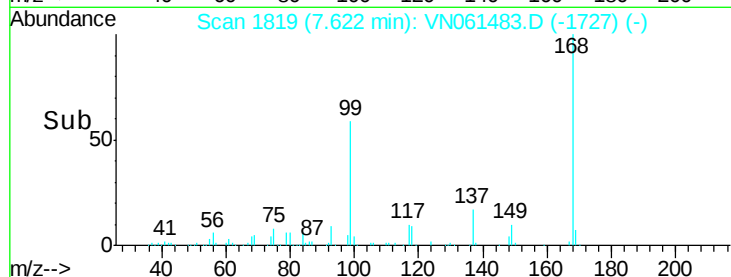
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#31

Cyclohexane

Concen: 3.308 ug/l

RT: 7.60 min Scan# 1812

Delta R.T. -0.01 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

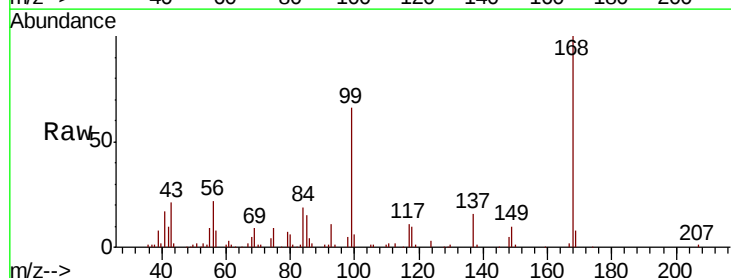
Tgt Ion: 56 Resp: 33208

Ion Ratio Lower Upper

56 100

69 39.2 27.8 41.6

84 85.8 72.7 109.1



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

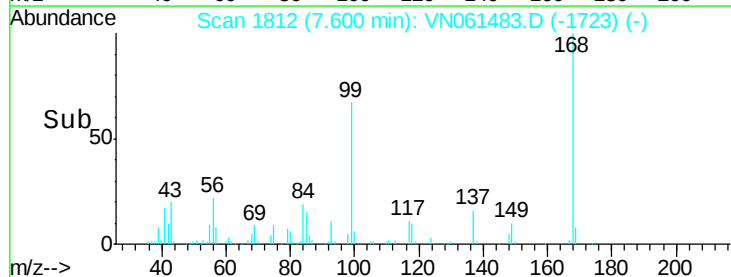
7.60

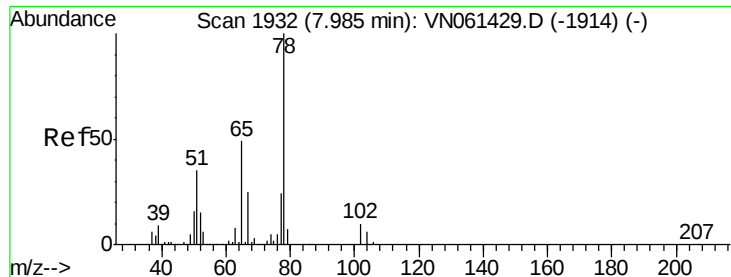
10000

5000

0

Time--> 7.50 7.55 7.60 7.65





#33

1,2-Dichloroethane-d4

Concen: 43.665 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

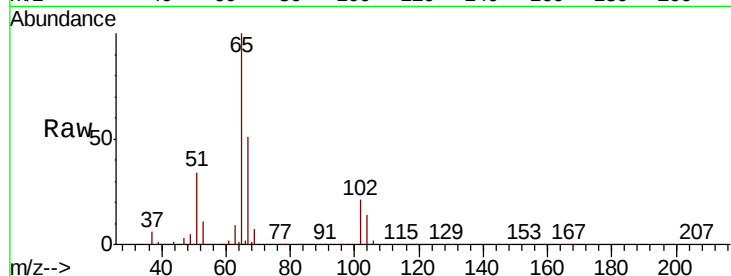
SB-5-14.0-14.5ME

Tot Ion: 65 Resp: 184698

Ion Ratio Lower Upper

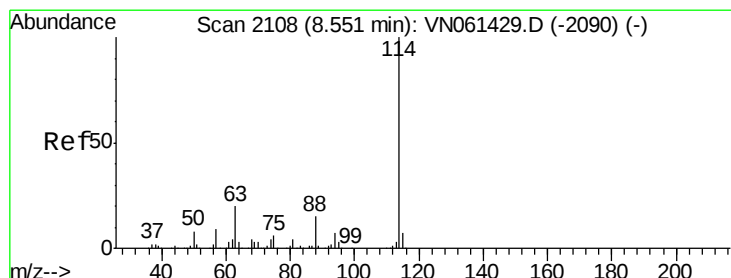
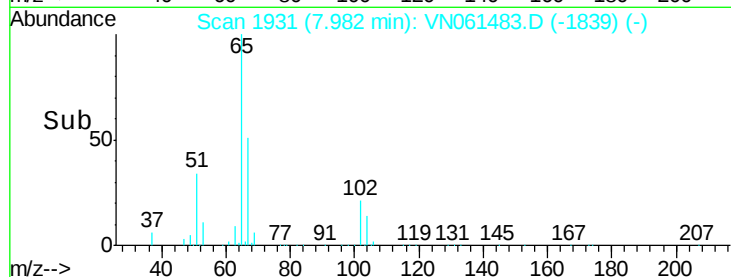
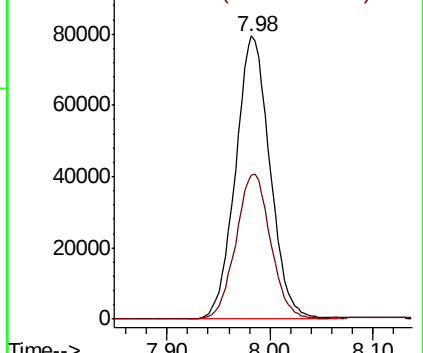
65 100

67 51.9 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN061483.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN061483.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

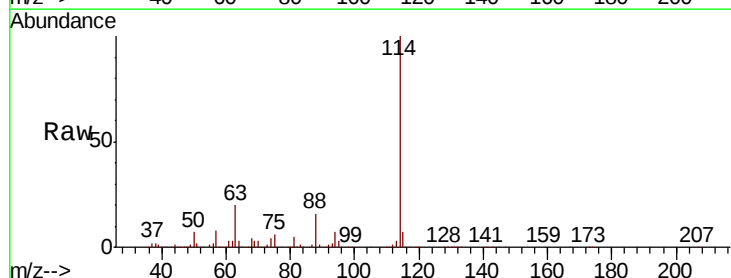
Tgt Ion: 114 Resp: 507094

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

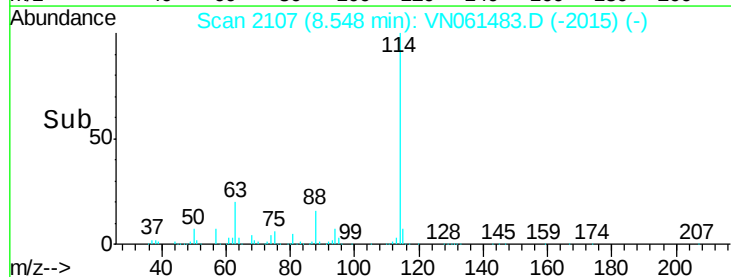
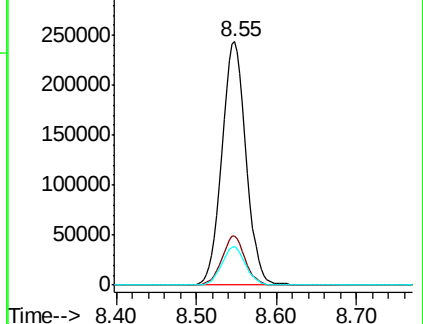
88 15.8 0.0 30.8

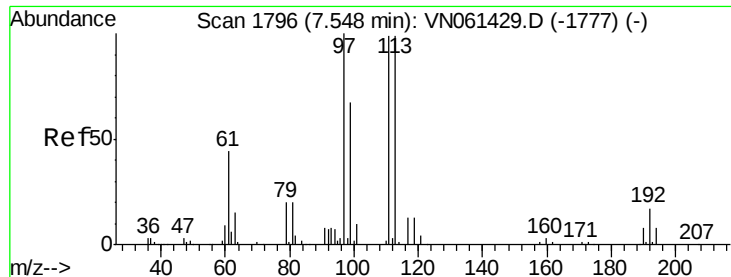


Abundance Ion 113.90 (113.60 to 114.60): VN061483.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN061483.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN061483.D (-2015) (-)





#35

Dibromofluoromethane

Concen: 49.859 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

SB-5-14.0-14.5ME

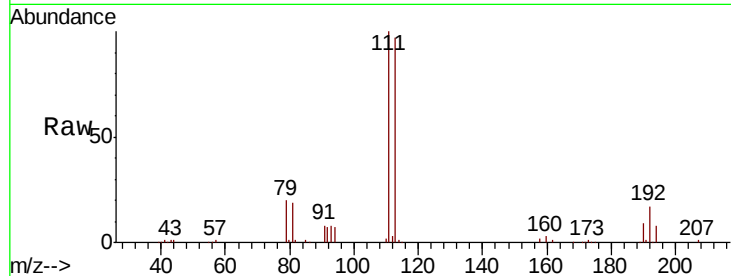
Tot Ion:113 Resp: 132451

Ion Ratio Lower Upper

113 100

111 104.5 80.6 121.0

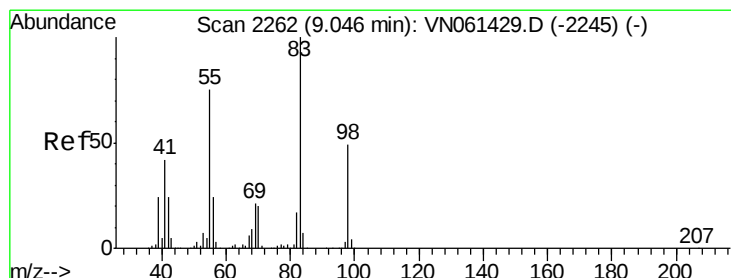
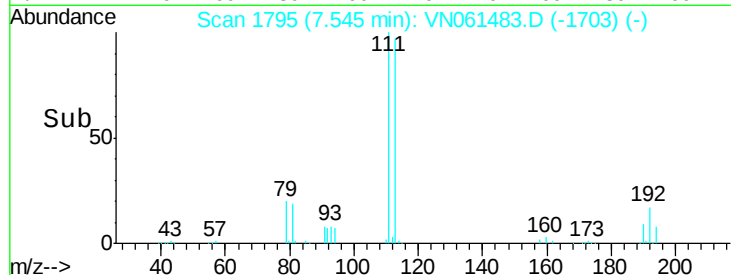
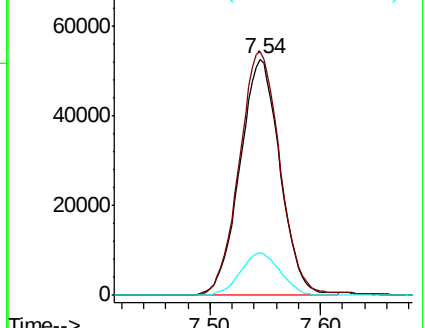
192 17.9 13.2 19.8



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: 26.319 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

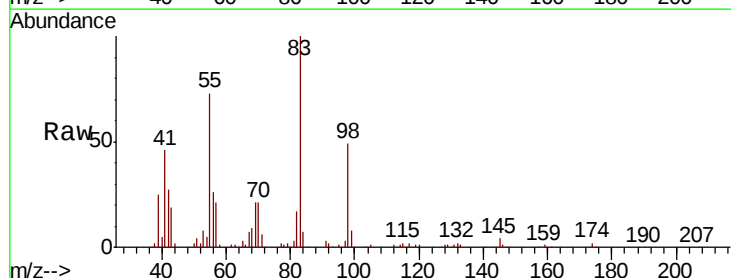
Tgt Ion: 83 Resp: 152421

Ion Ratio Lower Upper

83 100

55 71.9 59.7 89.5

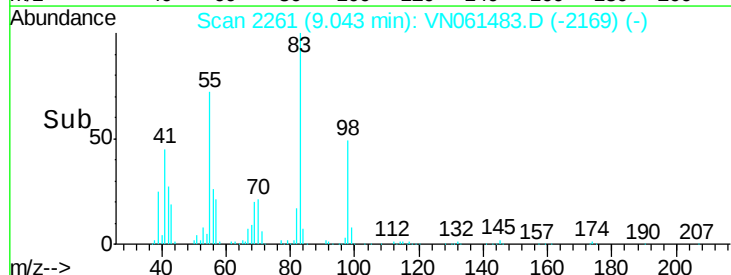
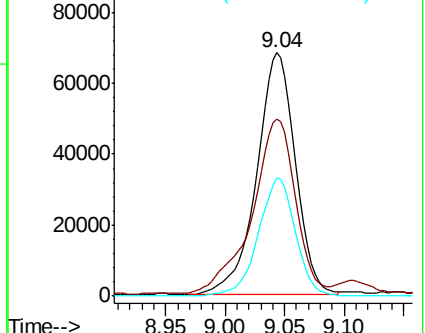
98 48.9 38.9 58.3

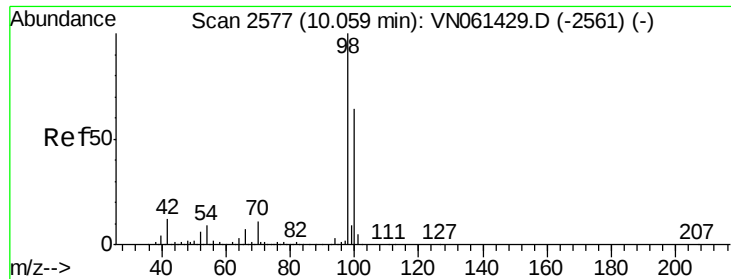


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#50

Toluene-d8

Concen: 52.194 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

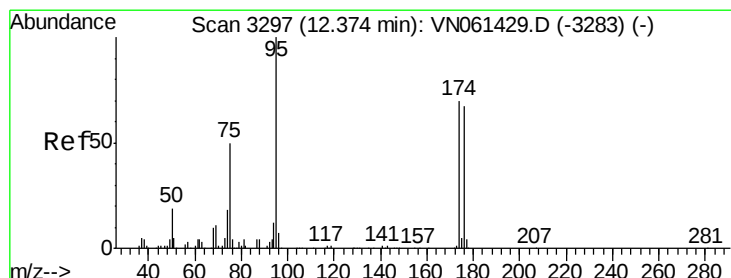
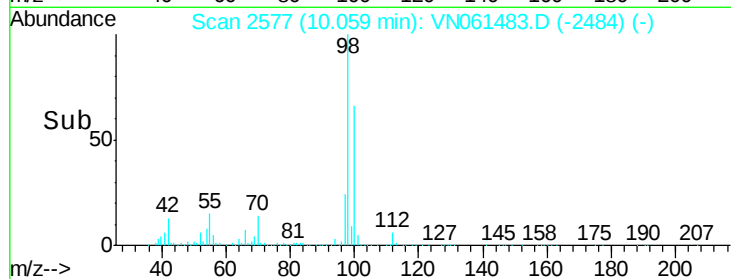
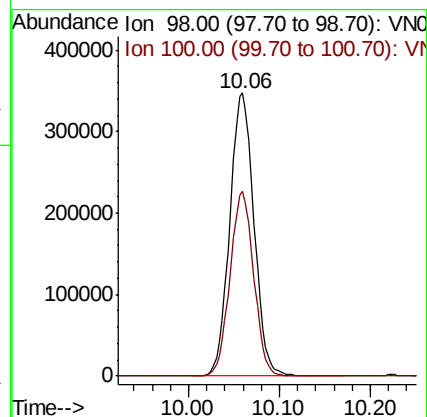
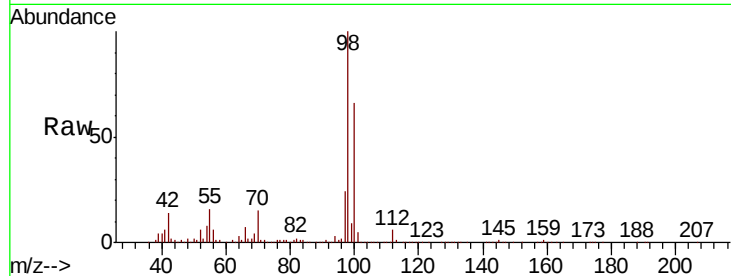
SB-5-14.0-14.5ME

Tot Ion: 98 Resp: 643112

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 62.685 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

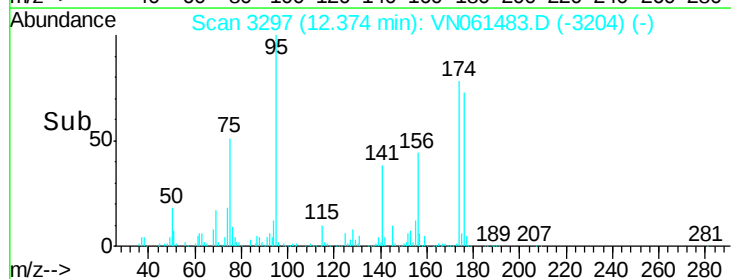
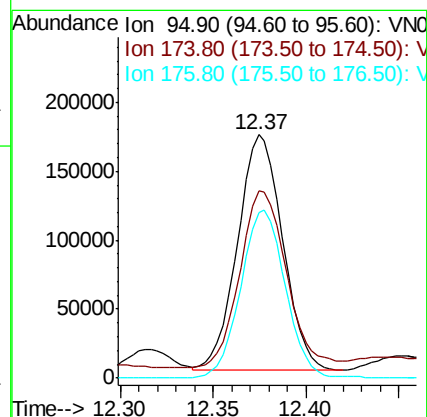
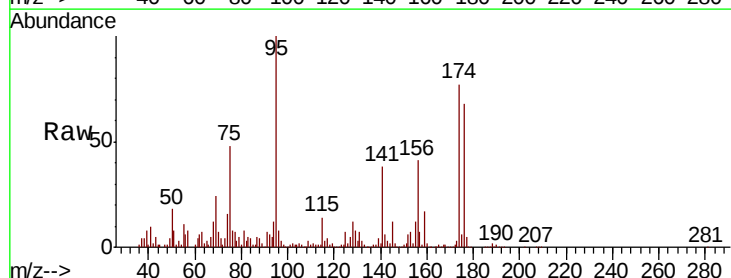
Tgt Ion: 95 Resp: 288567

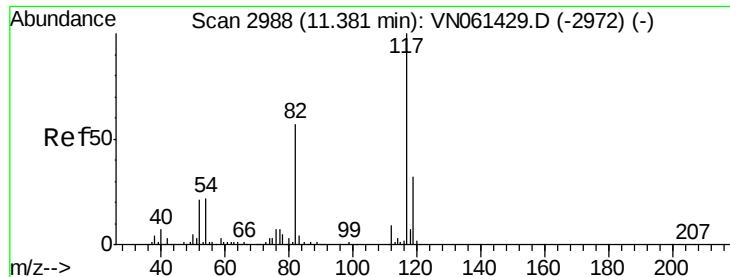
Ion Ratio Lower Upper

95 100

174 77.3 0.0 141.2

176 71.0 0.0 137.6

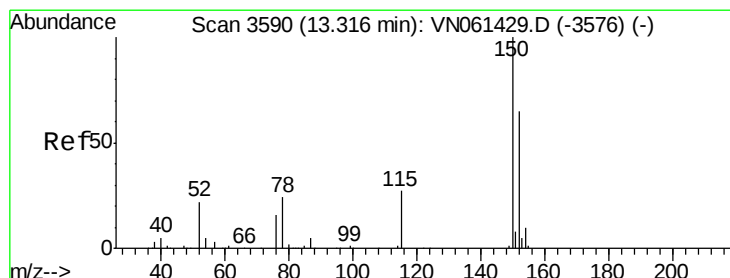
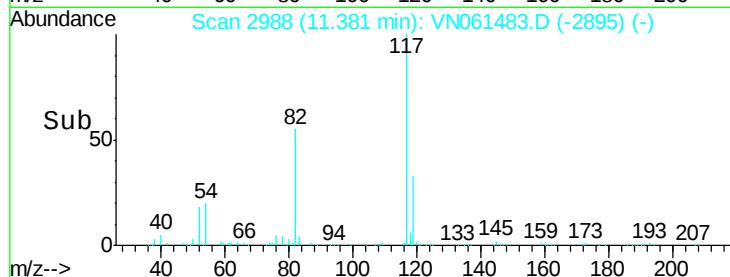
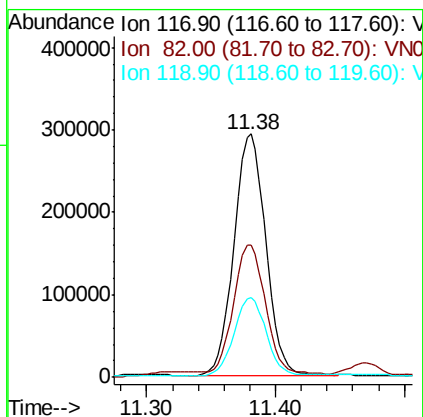
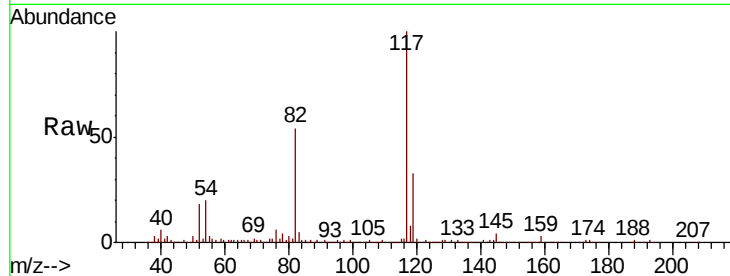




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061483.D
Acq: 19 May 2020 15:10

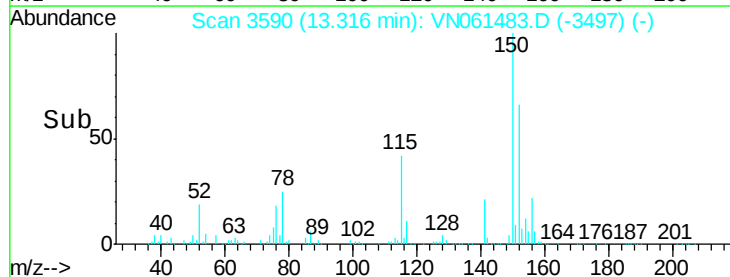
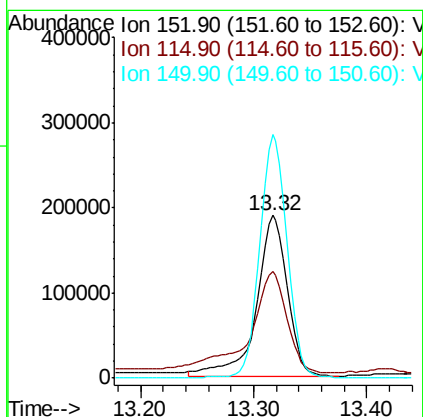
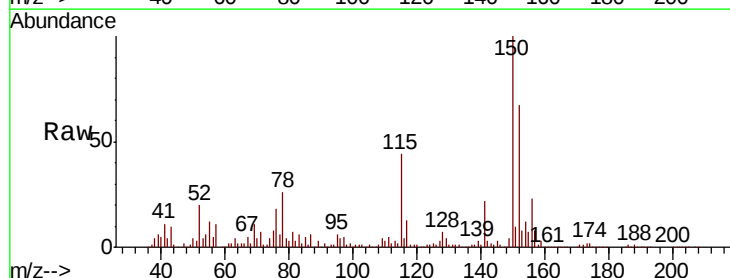
Instrument :
MSVOA_N
ClientSampleId :
SB-5-14.0-14.5ME

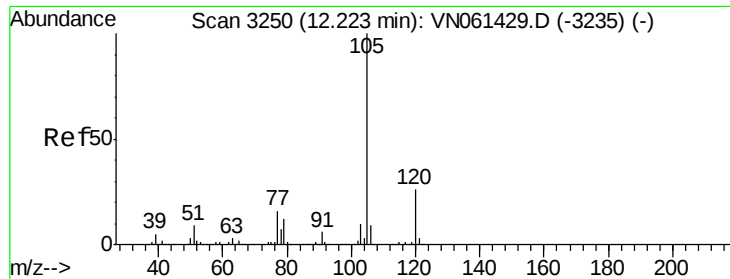
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.2	67.8
119	32.7	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061483.D
Acq: 19 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.5	30.9	92.5
150	133.6	0.0	349.2





#73

Isopropylbenzene

Concen: 5.651 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

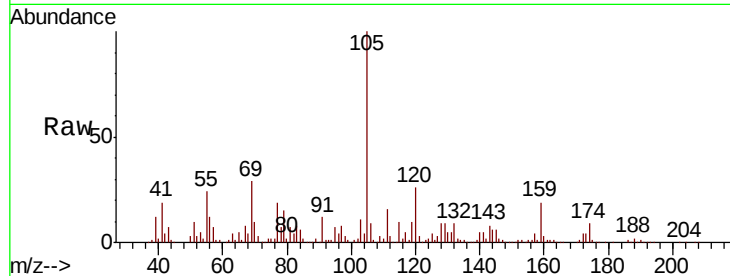
SB-5-14.0-14.5ME

Tot Ion:105 Resp: 162212

Ion Ratio Lower Upper

105 100

120 28.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

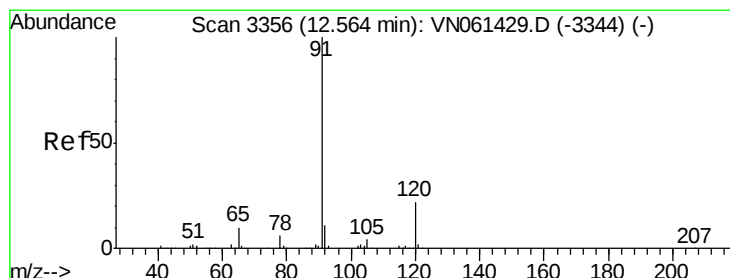
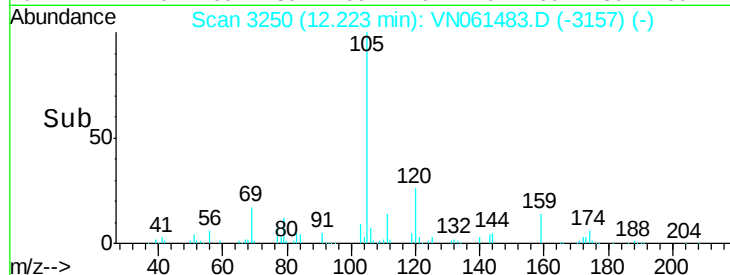
60000

40000

20000

0

Time--> 12.15 12.20 12.25



#78

n-propylbenzene

Concen: 11.024 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061483.D

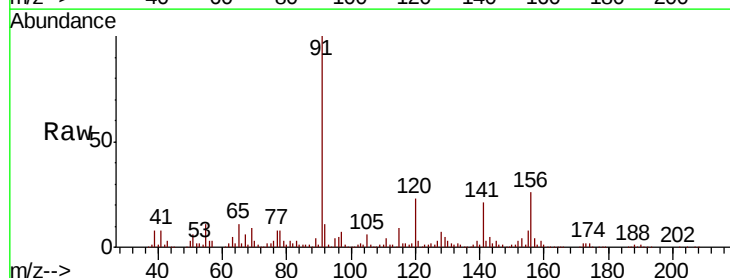
Acq: 19 May 2020 15:10

Tgt Ion: 91 Resp: 360568

Ion Ratio Lower Upper

91 100

120 24.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.56

250000

200000

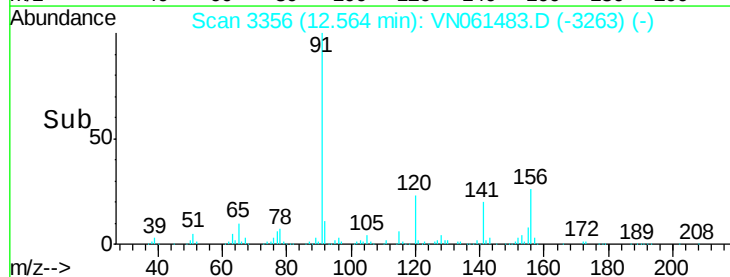
150000

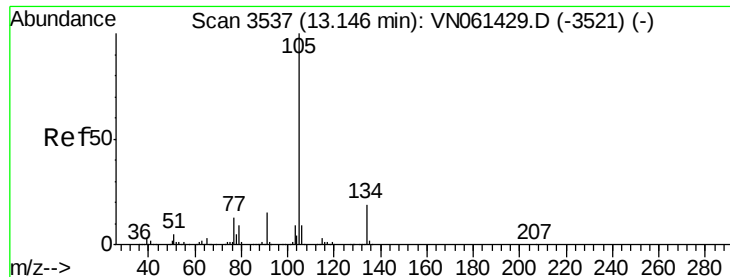
100000

50000

0

Time--> 12.50 12.55 12.60





#85

sec-Butylbenzene

Concen: 20.602 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

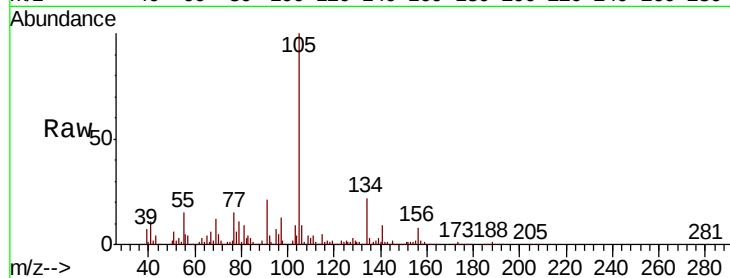
SB-5-14.0-14.5ME

Tot Ion:105 Resp: 560845

Ion Ratio Lower Upper

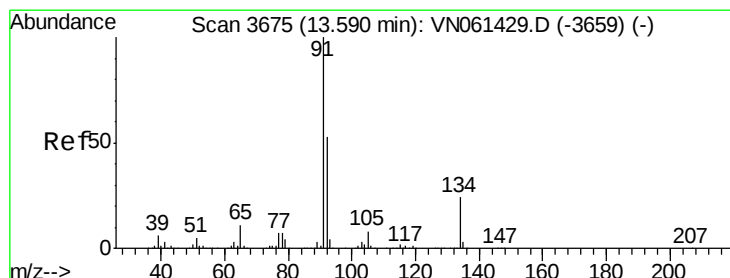
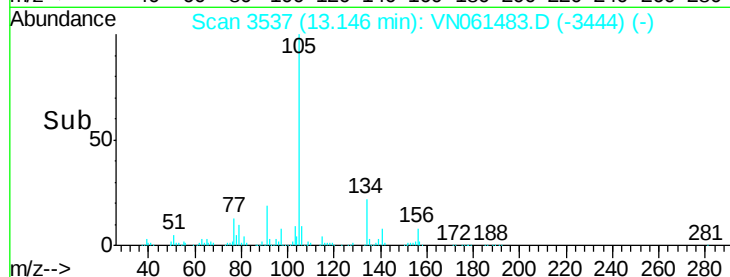
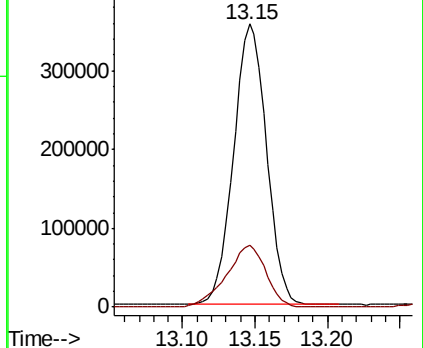
105 100

134 26.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 23.118 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061483.D

Acq: 19 May 2020 15:10

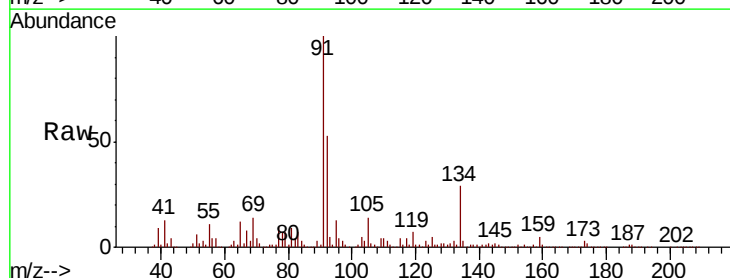
Tgt Ion: 91 Resp: 507704

Ion Ratio Lower Upper

91 100

92 48.9 26.8 80.3

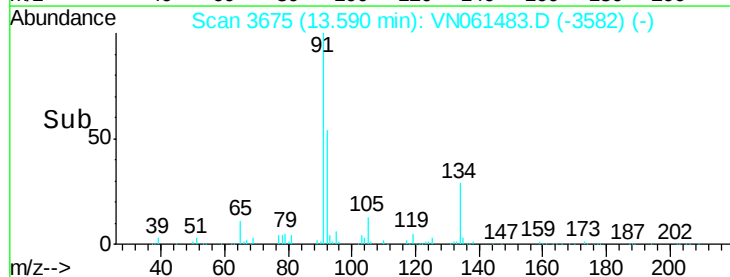
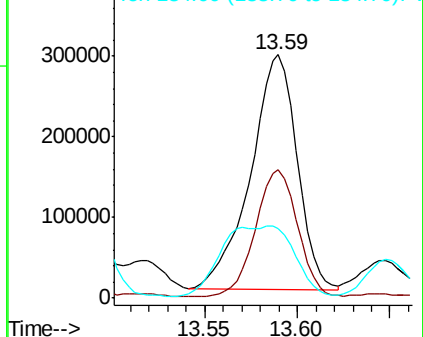
134 23.7 12.4 37.4

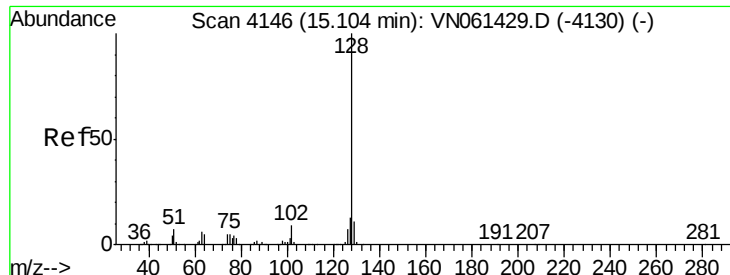


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

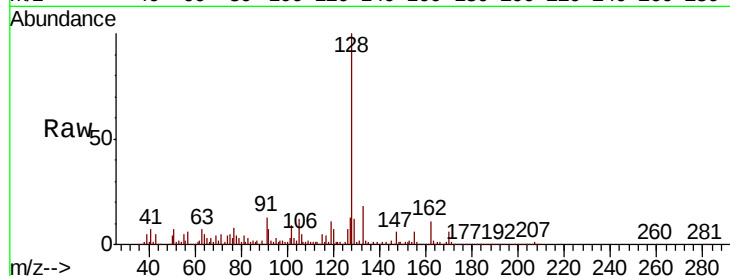




#95
Naphthalene
Concen: 63.585 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061483.D
Acq: 19 May 2020 15:10

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

Tot Ion:128 Resp: 1198695
Ion Ratio Lower Upper
128 100
127 13.8 10.1 15.1
129 12.2 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

