

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062025.D
 Acq On : 23 Jun 2020 2:45
 Operator : JC/MD
 Sample : L3071-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

Manual Integrations
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MMDadoda
 6/23/2020 12:45:05 PM

Quant Time: Jun 23 12:18:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	168539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	124133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	109044	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	7.55	113	93480	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.06	98	385987	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.37	95	133000	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.01	76	12650	2.525	ug/l #	94
39) Methylcyclohexane	9.05	83	25821	8.623	ug/l #	71
52) Toluene	10.13	92	1983	0.375	ug/l	91
67) Ethyl Benzene	11.48	91	67385	6.523	ug/l	98
68) m/p-Xylenes	11.60	106	45162	11.338	ug/l	98
73) Isopropylbenzene	12.22	105	111235	12.610	ug/l	99
78) n-propylbenzene	12.57	91	193536	19.228	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	153841	21.080	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	650832	90.344	ug/l	100
85) sec-Butylbenzene	13.15	105	34497	4.260	ug/l #	46
86) p-Isopropyltoluene	13.26	119	11439	1.585	ug/l	96
89) n-Butylbenzene	13.59	91	28679m	4.759	ug/l	
95) Naphthalene	15.10	128	62463	12.894	ug/l	98

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

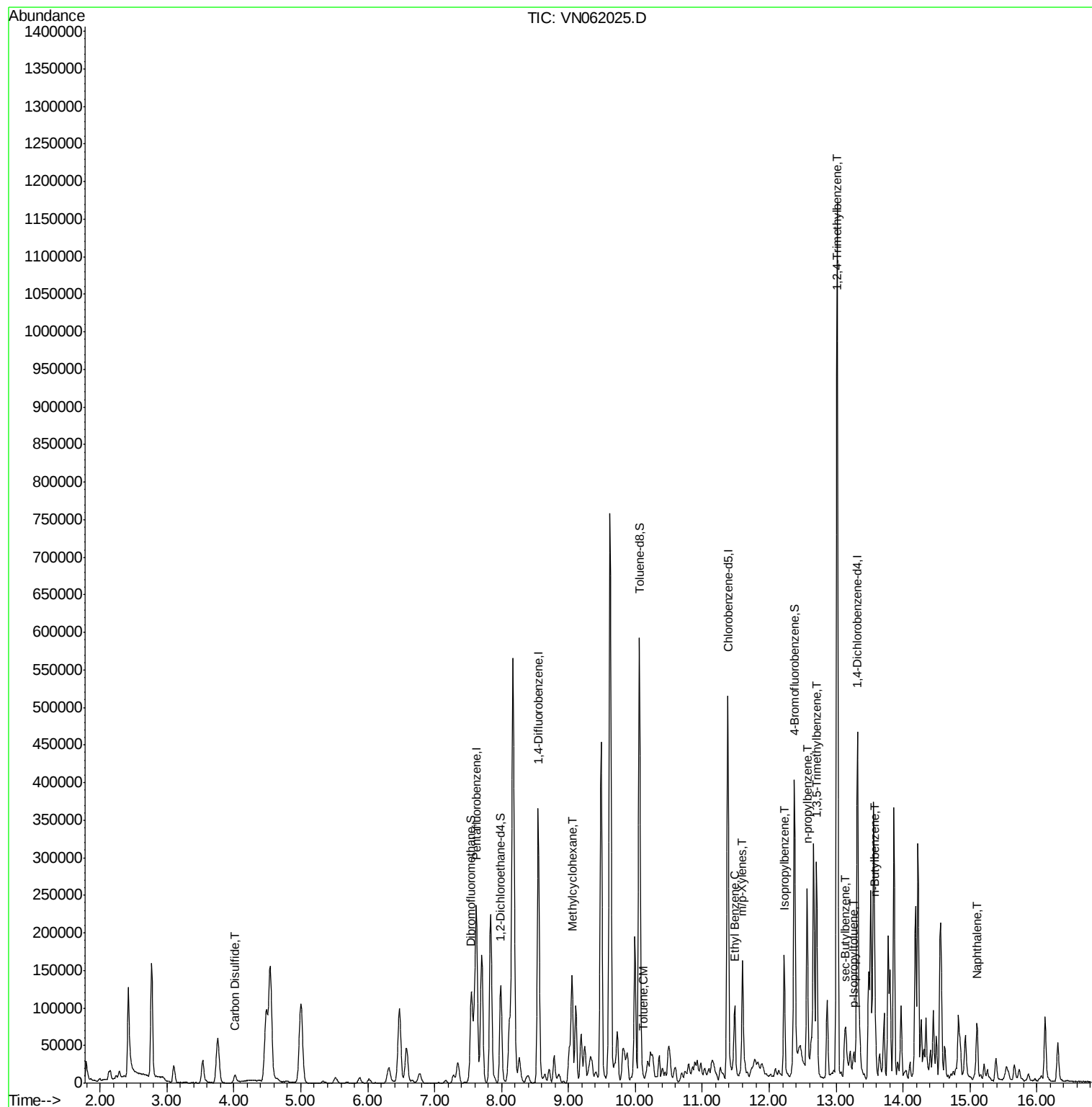
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
Data File : VN062025.D
Acq On : 23 Jun 2020 2:45
Operator : JC/MD
Sample : L3071-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

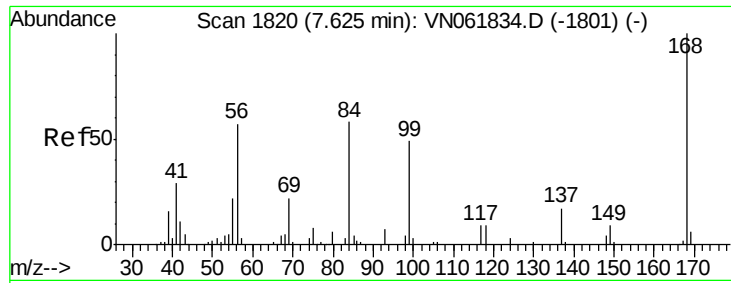
Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

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Quant Time: Jun 23 12:18:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

Tot Ion:168 Resp: 168539

Ion Ratio Lower Upper

168 100

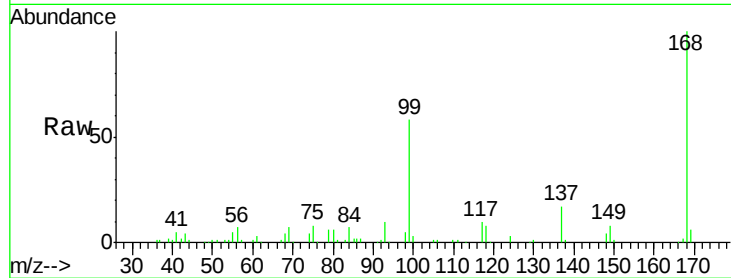
99 58.3 44.6 67.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

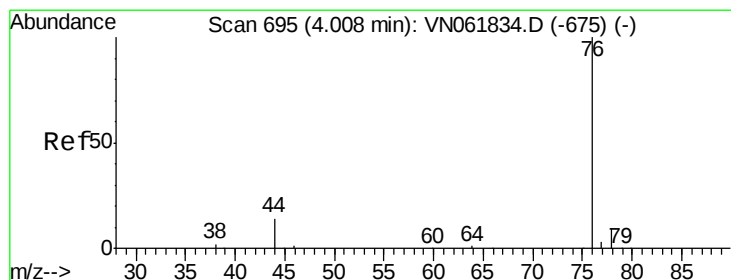
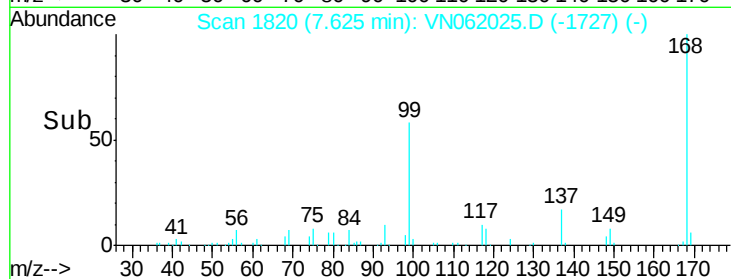
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#17

Carbon Disulfide

Concen: 2.525 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062025.D

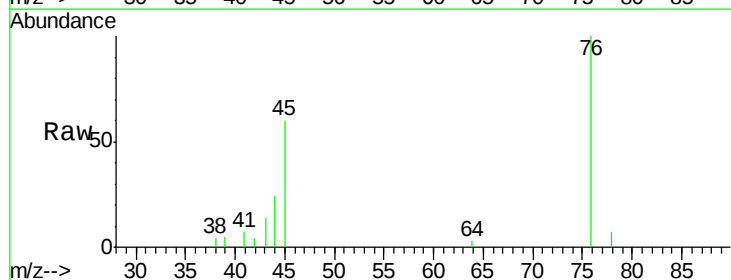
Acq: 23 Jun 2020 2:45

Tgt Ion: 76 Resp: 12650

Ion Ratio Lower Upper

76 100

78 6.9 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

5000

4000

3000

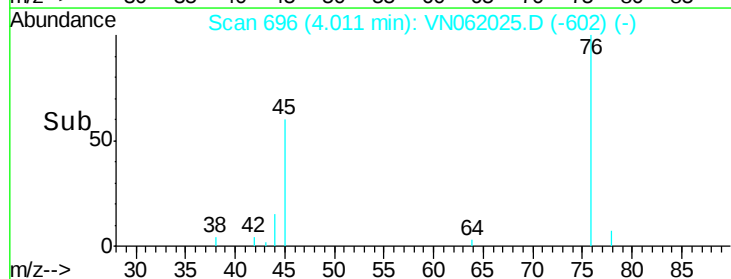
2000

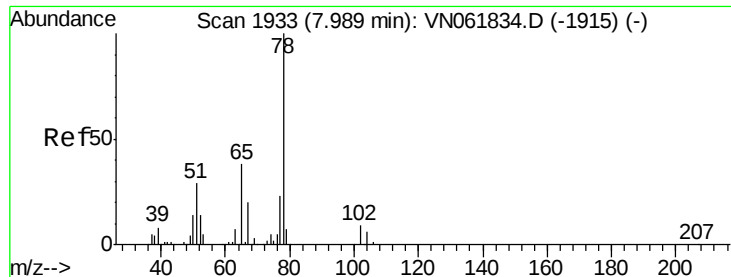
1000

0

3.95 4.00 4.05 4.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.242 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

Tot Ion: 65 Resp: 109044

Ion Ratio Lower Upper

65 100

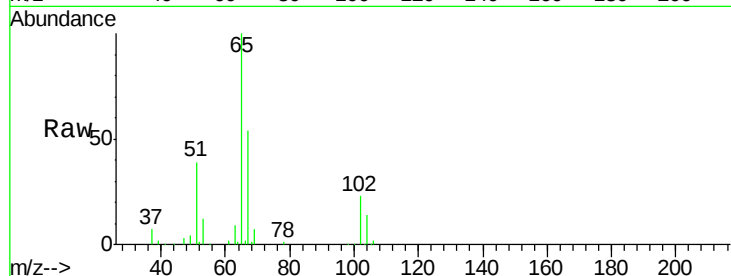
67 53.6 0.0 106.2

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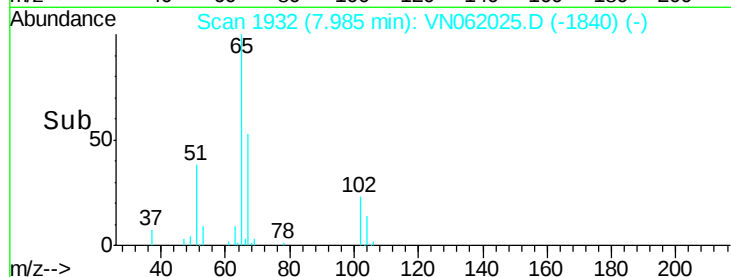


Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

Time-->

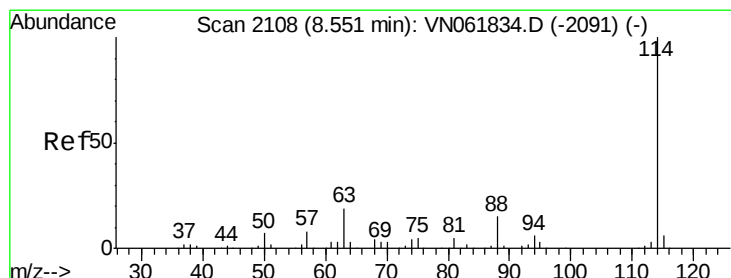


Abundance Ion 64.90 (64.60 to 65.60): VN062025.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062025.D (-1840) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

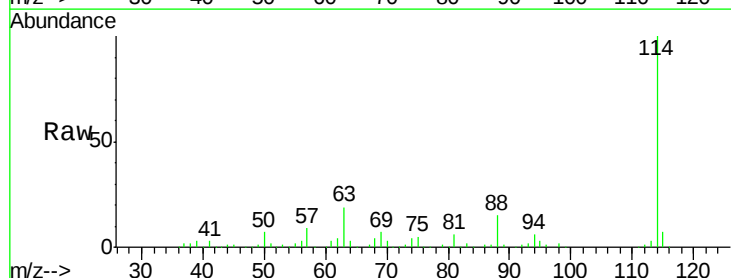
Tgt Ion: 114 Resp: 304874

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 15.4 0.0 31.0



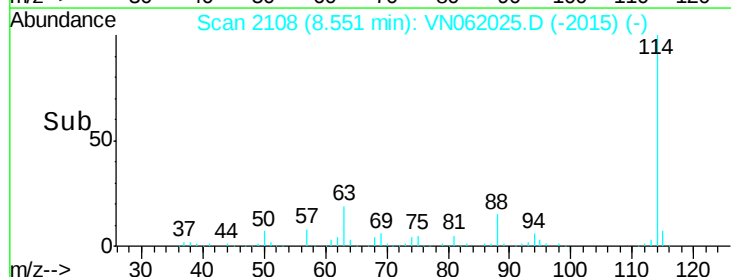
Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

Time-->



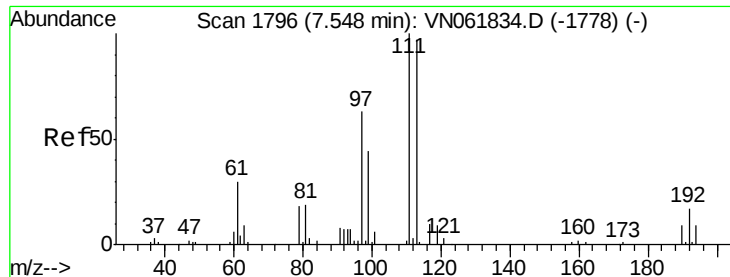
Abundance Ion 113.90 (113.60 to 114.60): VN062025.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062025.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062025.D (-2015) (-)

8.55

Time-->



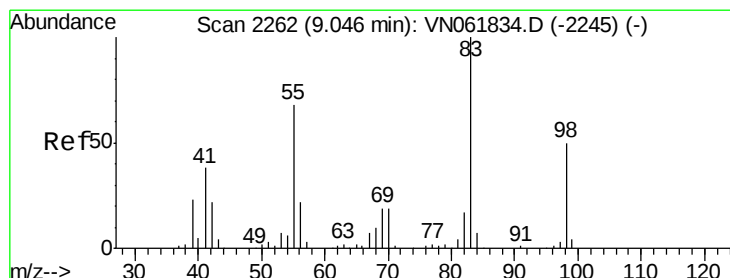
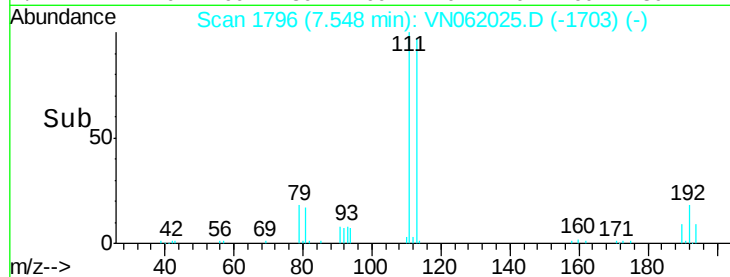
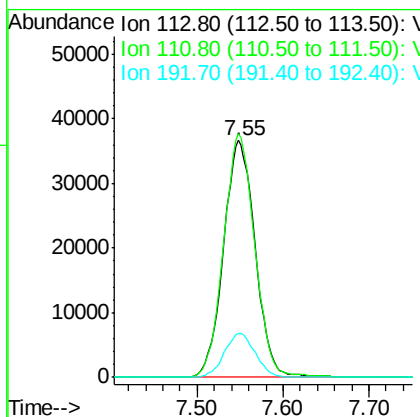
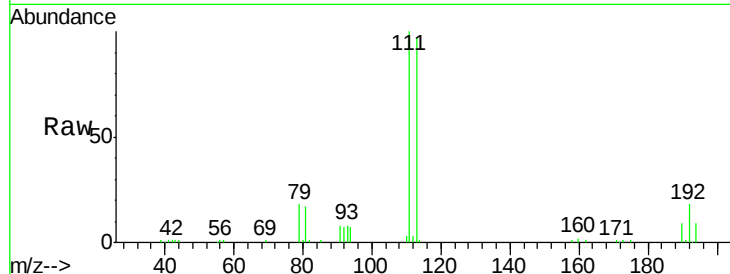
#35
Dibromofluoromethane
Concen: 47.928 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.3	83.7	125.5	
192	18.1	13.9	20.9	

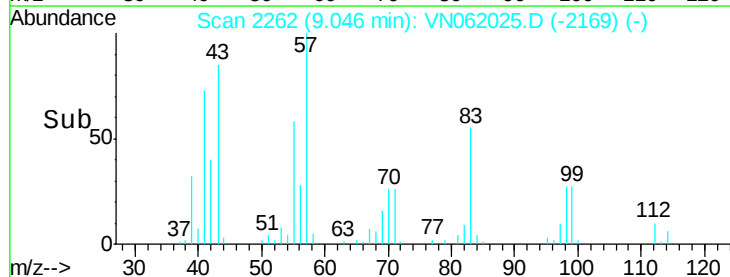
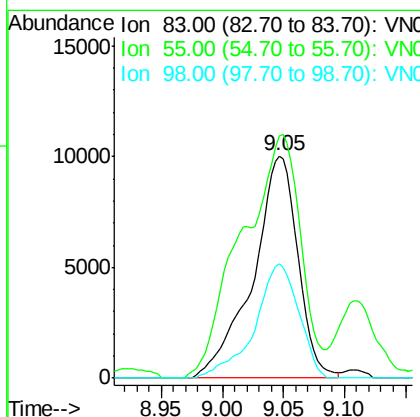
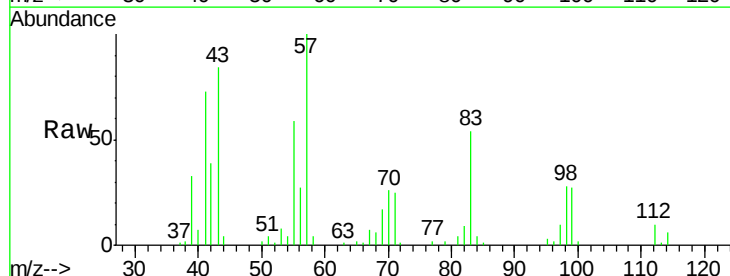
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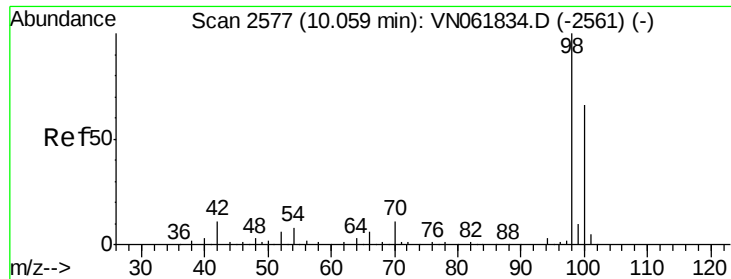
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#39
Methylcyclohexane
Concen: 8.623 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	106.9	54.2	81.4#	
98	51.4	39.8	59.6	





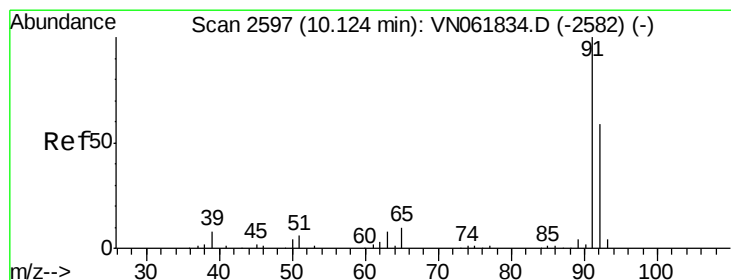
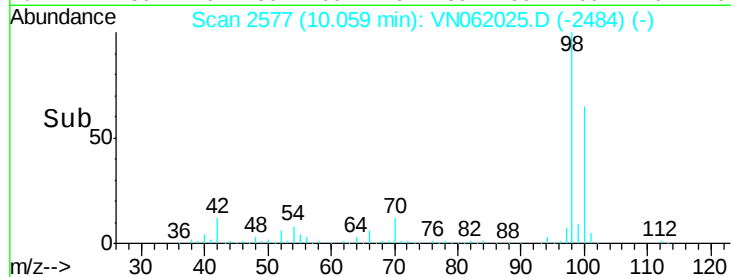
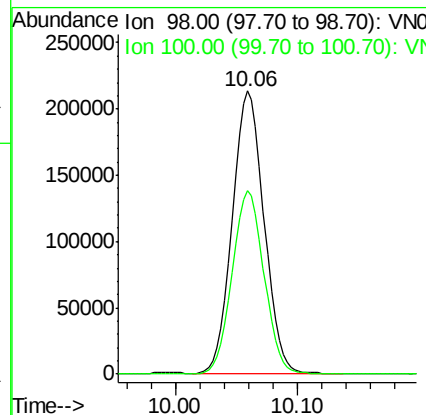
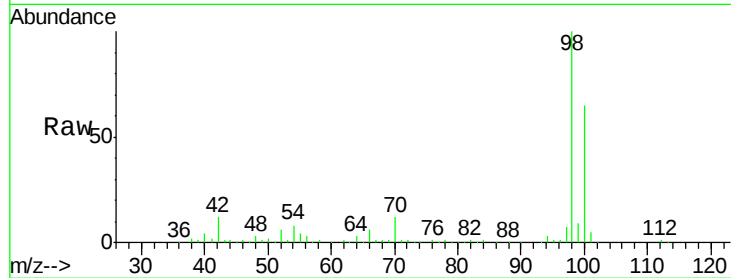
#50
Toluene-d8
Concen: 50.338 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

Tot Ion: 98 Resp: 385987
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

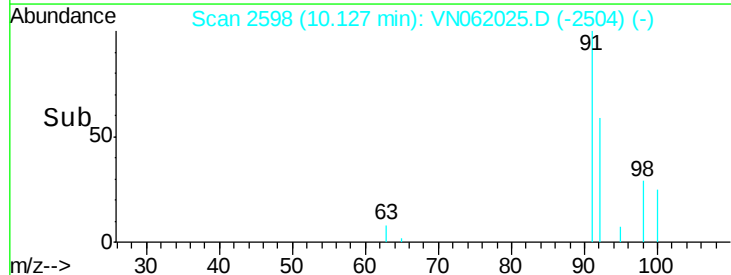
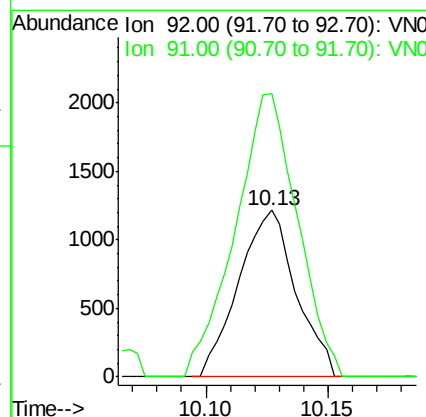
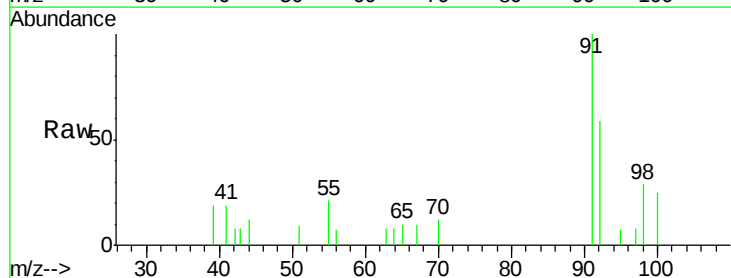
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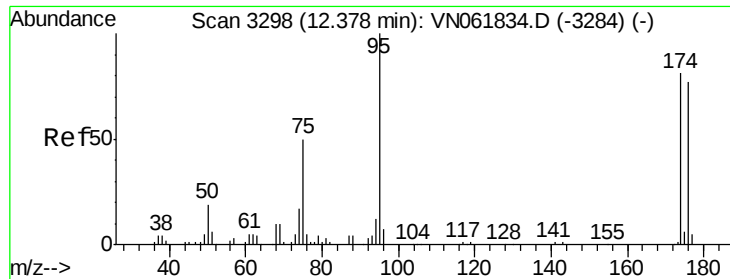
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#52
Toluene
Concen: 0.375 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 92 Resp: 1983
Ion Ratio Lower Upper
92 100
91 184.2 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 50.566 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

Tot Ion: 95 Resp: 133000
Ion Ratio Lower Upper

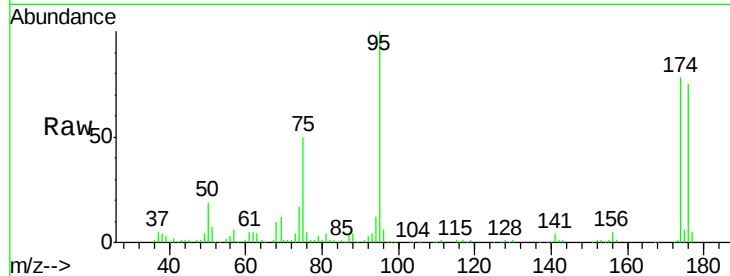
95 100

174 79.6 0.0 158.6

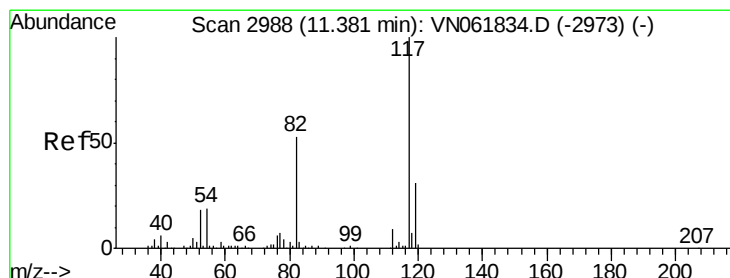
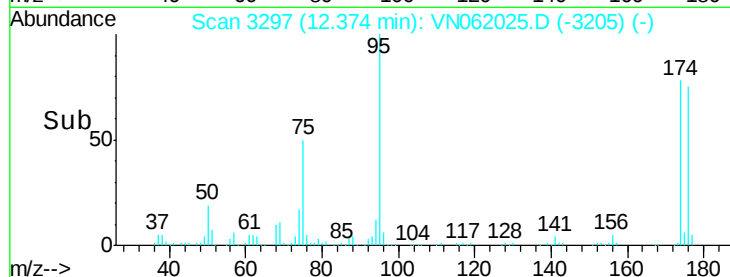
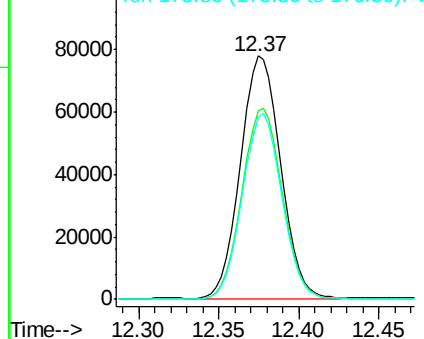
176 76.2 0.0 152.0

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Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062025.D

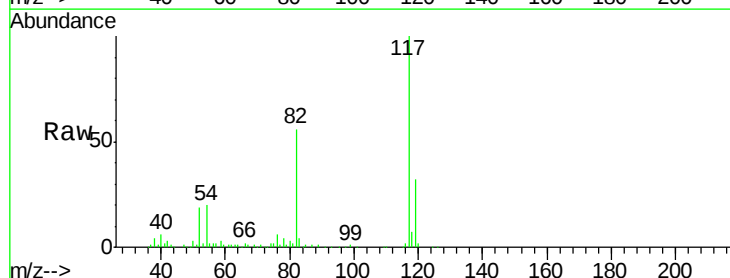
Acq: 23 Jun 2020 2:45

Tgt Ion: 117 Resp: 291989
Ion Ratio Lower Upper

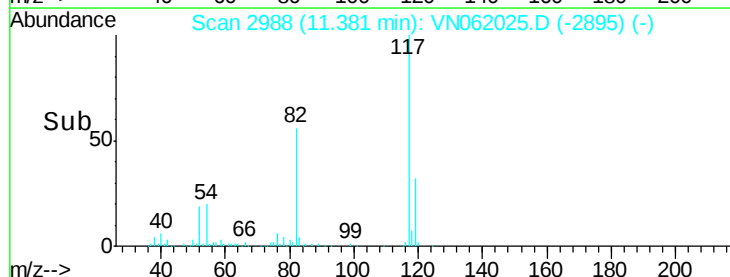
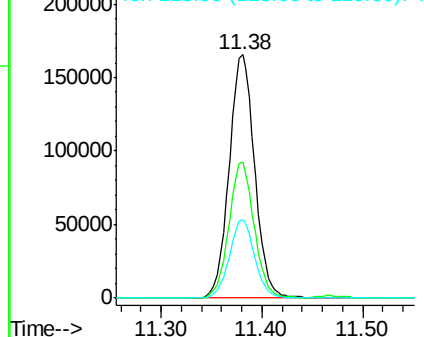
117 100

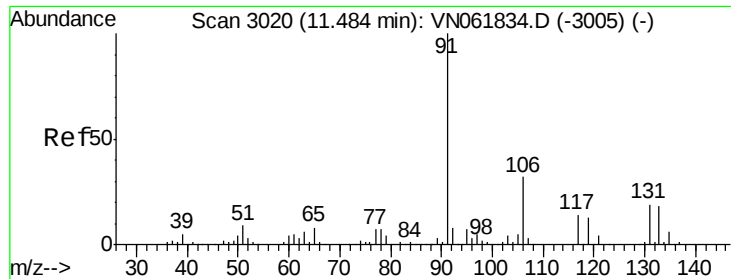
82 55.5 42.6 64.0

119 32.3 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)
Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)
Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





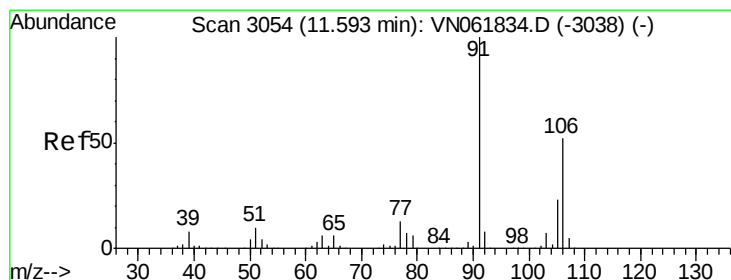
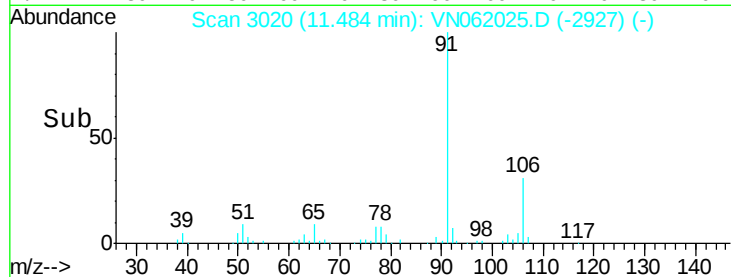
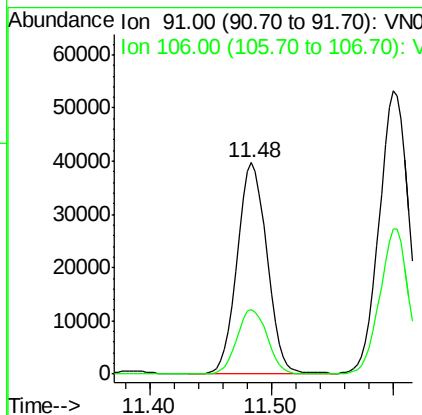
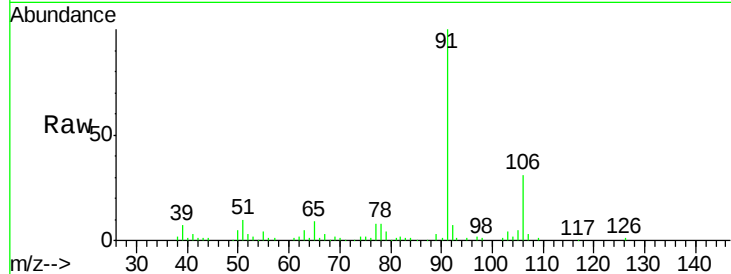
#67
Ethyl Benzene
Concen: 6.523 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion: 91 Resp: 67385
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2

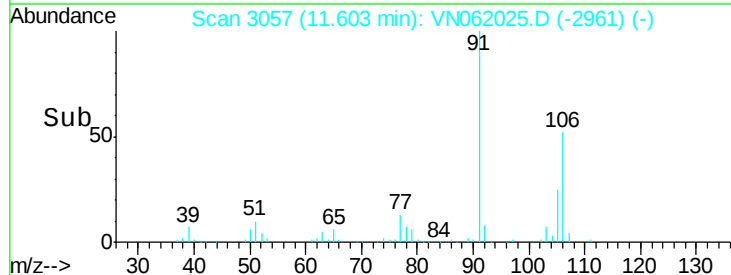
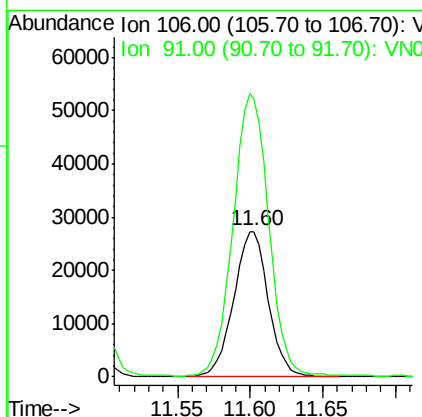
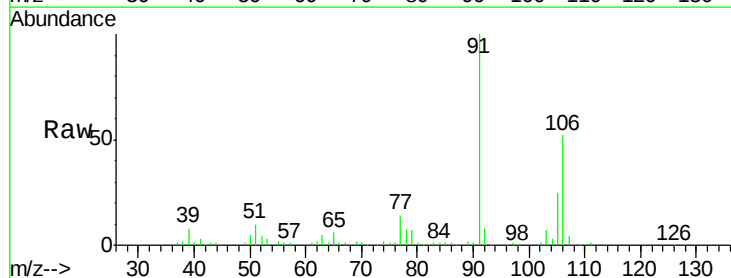
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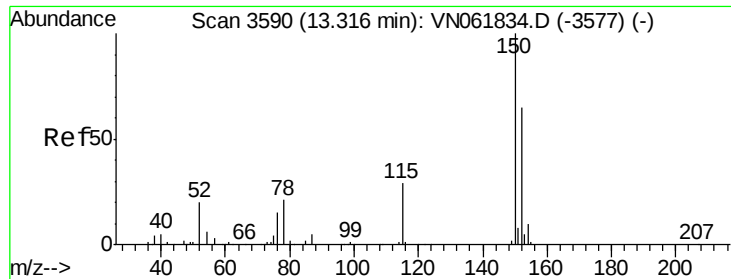
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#68
m/p-Xylenes
Concen: 11.338 ug/l
RT: 11.60 min Scan# 3057
Delta R.T. 0.01 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 106 Resp: 45162
Ion Ratio Lower Upper
106 100
91 199.7 157.0 235.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

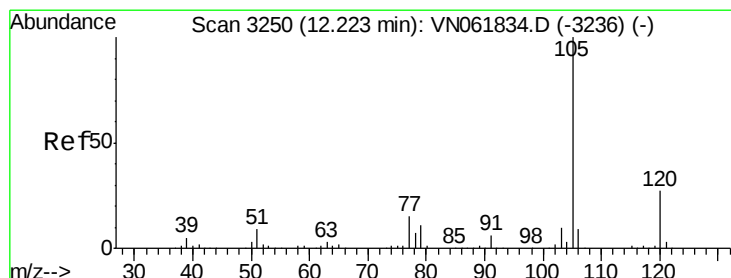
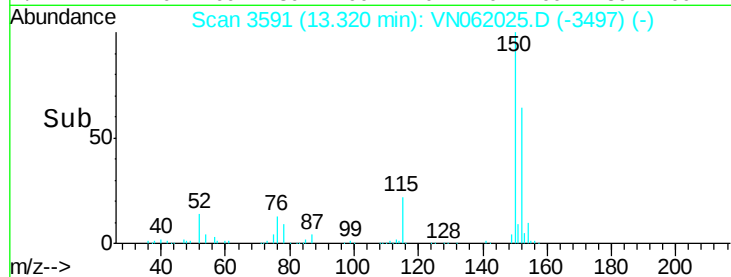
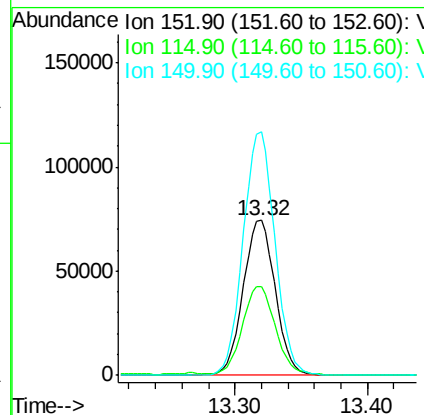
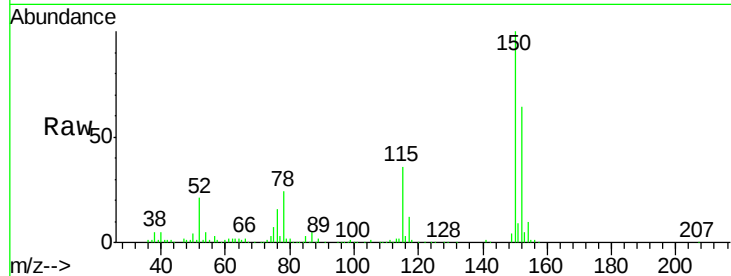
ClientSampled :

TW-7.5

Tot Ion	Ratio	Resp	Lower	Upper
152	100	124133		
115	60.2	29.1	87.3	
150	156.9	0.0	347.6	

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#73

Isopropylbenzene

Concen: 12.610 ug/l

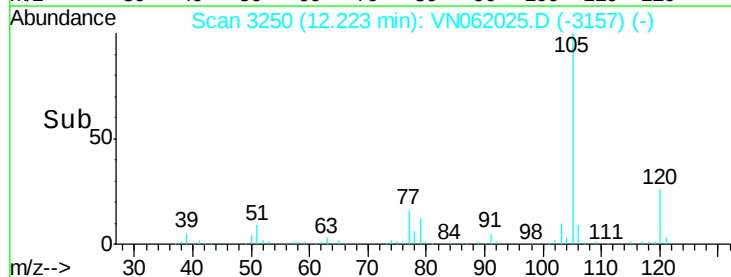
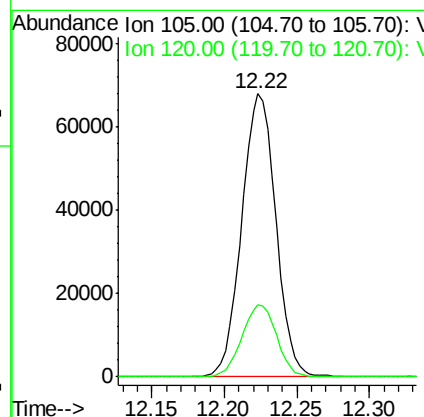
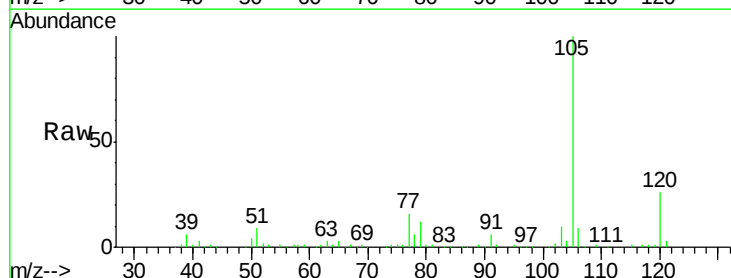
RT: 12.22 min Scan# 3250

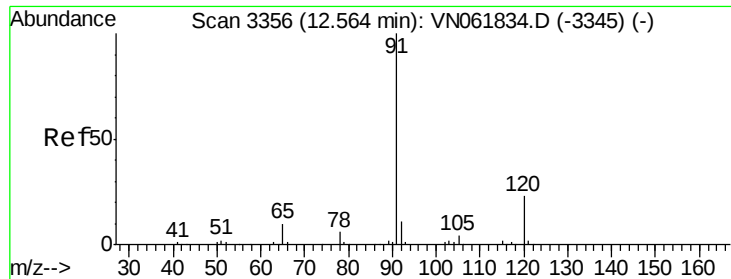
Delta R.T. -0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	111235		
120	25.9	13.3	39.8	





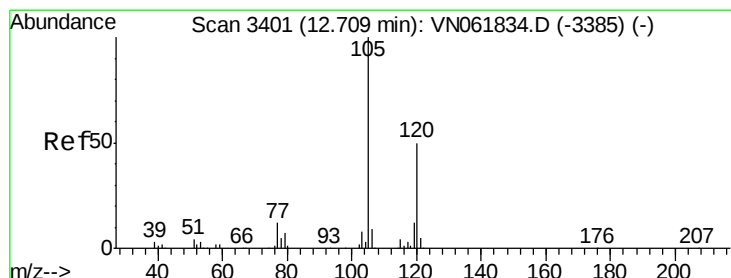
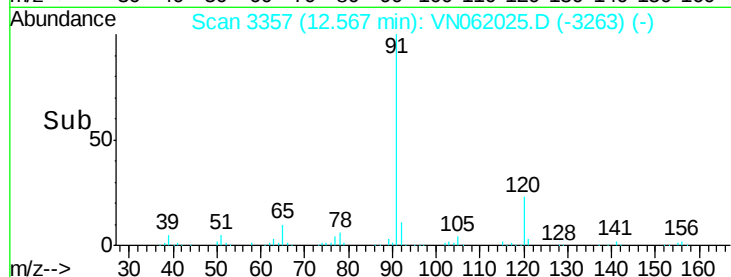
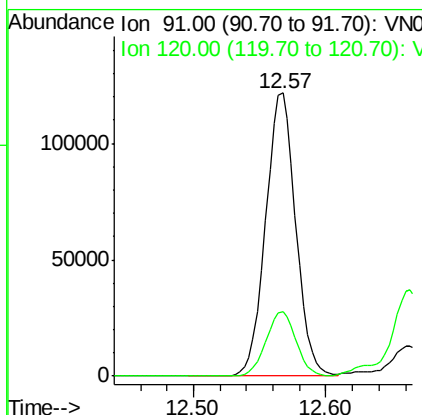
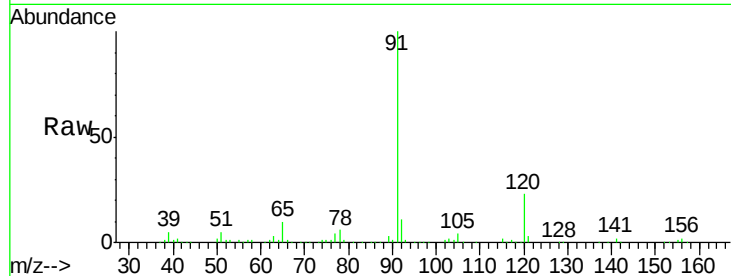
#78
n-propylbenzene
Concen: 19.228 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.6	34.8

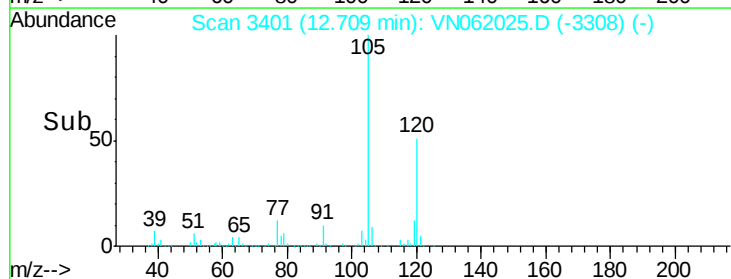
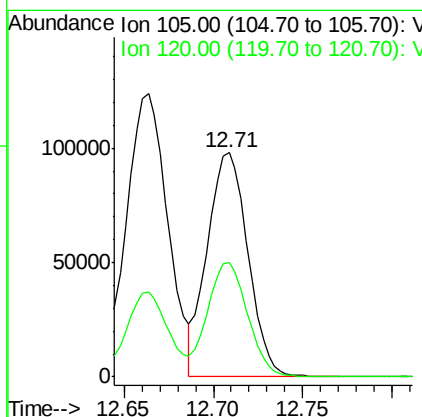
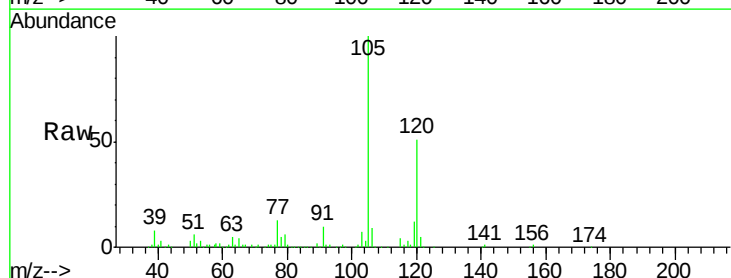
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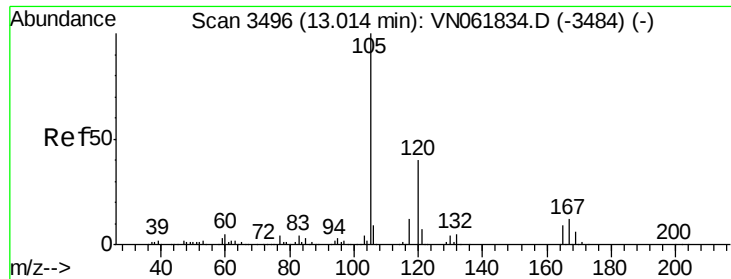
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#80
1,3,5-Trimethylbenzene
Concen: 21.080 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.9	74.7





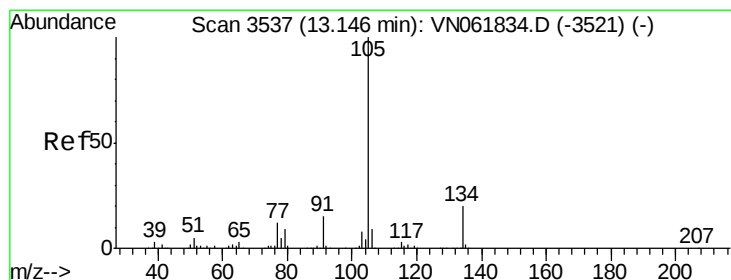
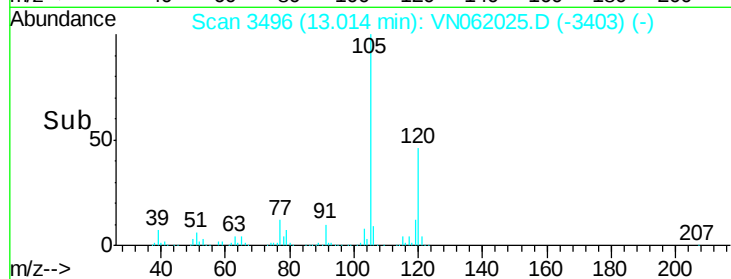
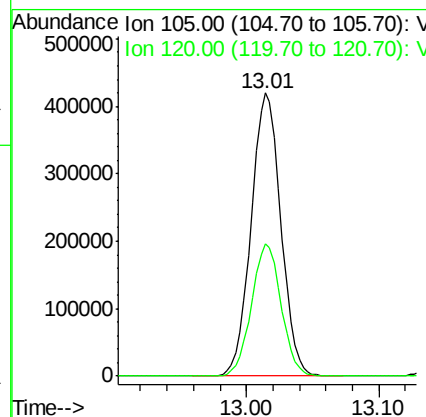
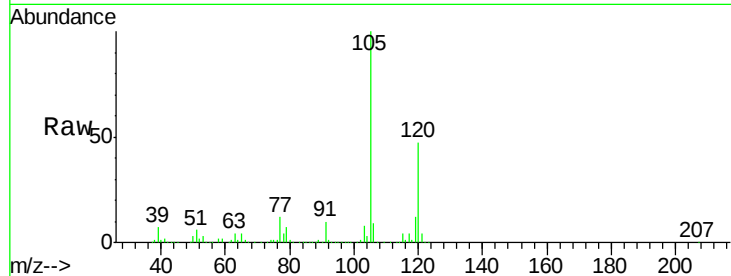
#84
1,2,4-Trimethylbenzene
Concen: 90.344 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.3	69.9

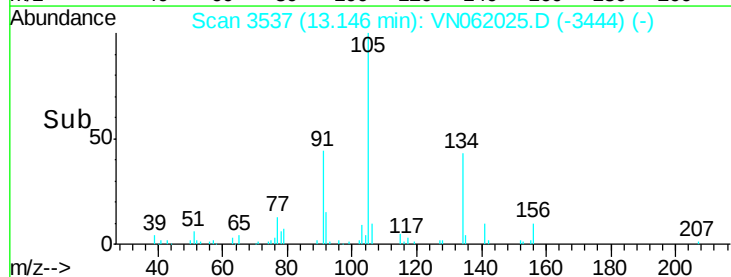
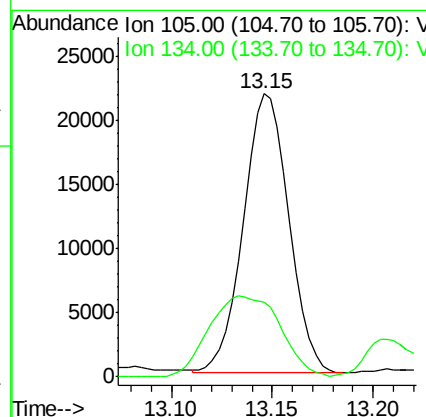
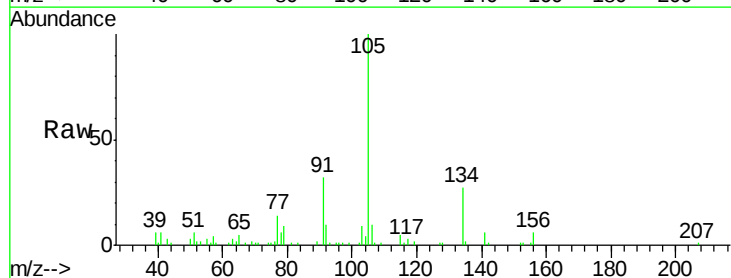
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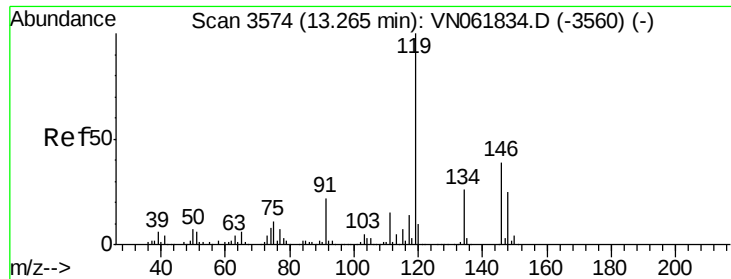
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#85
sec-Butylbenzene
Concen: 4.260 ug/l
RT: 13.15 min Scan# 3537
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion	Ratio	Lower	Upper
105	100		
134	44.9	10.1	30.1#





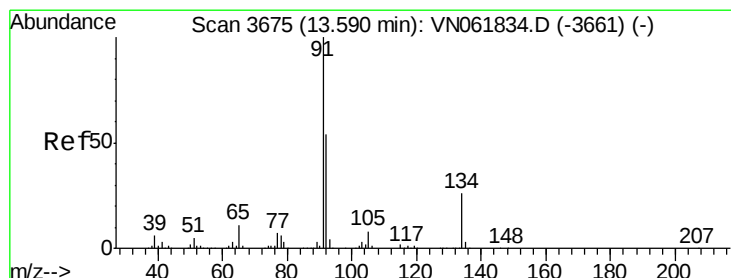
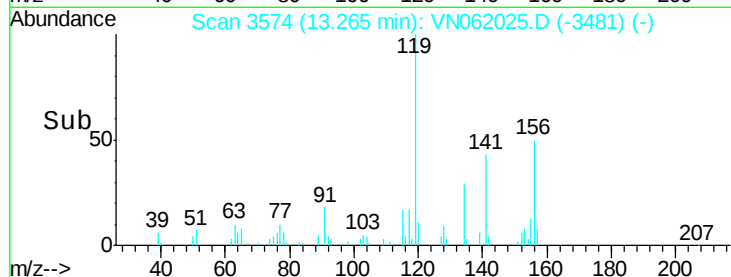
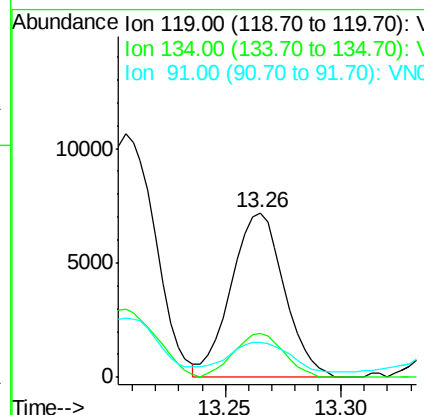
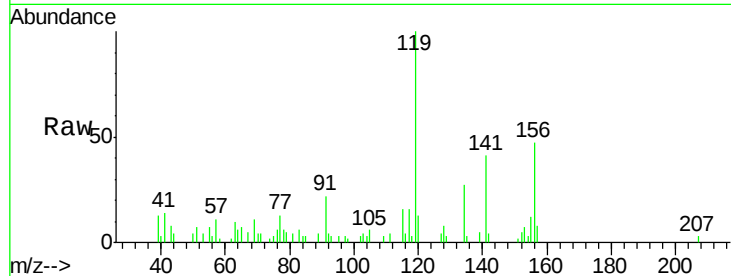
#86
p-Isopropyltoluene
Concen: 1.585 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.3	39.9
91	20.1	11.2	33.6

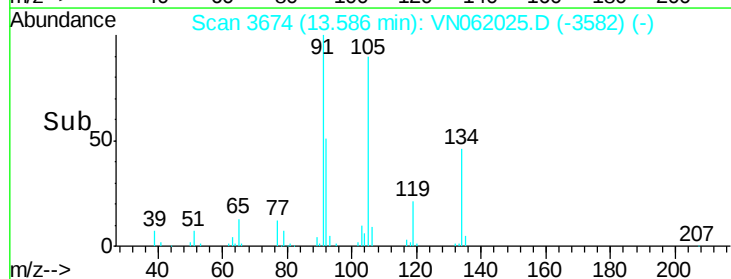
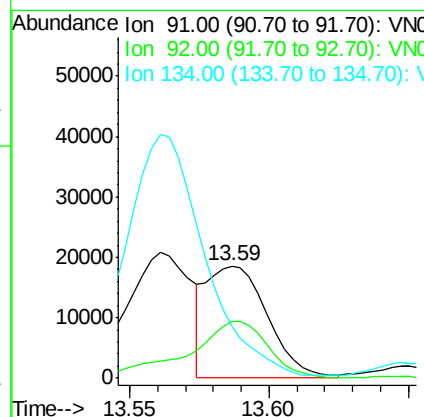
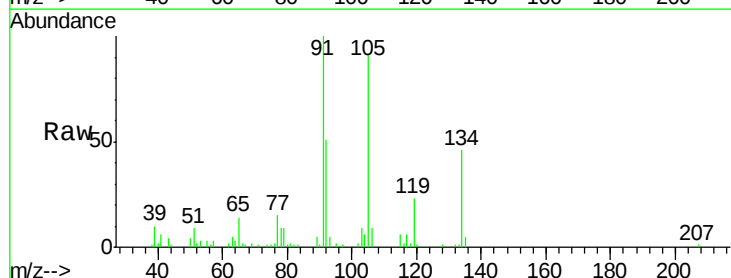
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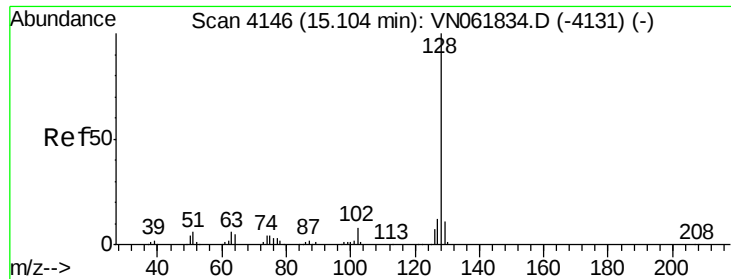
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#89
n-Butylbenzene
Concen: 4.759 ug/l m
RT: 13.59 min Scan# 3674
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.0	80.8#
134	266.5	13.0	39.0#





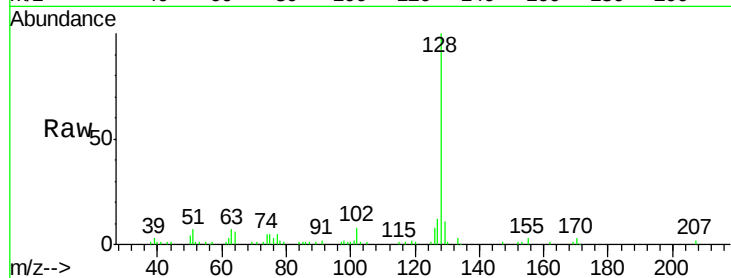
#95
Naphthalene
Concen: 12.894 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.7	8.6	13.0

Manual Integrations
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6/23/2020 12:45:05 PM



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

