

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062110.D
 Acq On : 25 Jun 2020 14:52
 Operator : JC/MD
 Sample : L3071-02 100X
 Misc : 8.97g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

Manual Integrations
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 6/26/2020 7:01:11 PM

Quant Time: Jun 26 03:27:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	256697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	463104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167829	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
35) Dibromofluoromethane	7.55	113	143106	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.06	98	573838	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	203861	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
Target Compounds						
					Qvalue	
16) Acetone	3.75	43	11989	6.660	ug/l #	50
31) Cyclohexane	7.60	56	25166	5.057	ug/l #	75
39) Methylcyclohexane	9.05	83	22093	4.332	ug/l	95
52) Toluene	10.13	92	2279	0.263	ug/l	76
67) Ethyl Benzene	11.48	91	116087	7.049	ug/l	99
68) m/p-Xylenes	11.60	106	89044	13.979	ug/l	100
69) o-Xylene	11.92	106	2304	0.383	ug/l	84
73) Isopropylbenzene	12.22	105	100272	6.779	ug/l	99
78) n-propylbenzene	12.57	91	219268	12.960	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	198922	16.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	569060	47.519	ug/l	99
85) sec-Butylbenzene	13.15	105	13212m	0.974	ug/l	
86) p-Isopropyltoluene	13.26	119	3549m	0.299	ug/l	
89) n-Butylbenzene	13.59	91	12317	1.247	ug/l #	64
95) Naphthalene	15.11	128	23403	6.359	ug/l	98

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

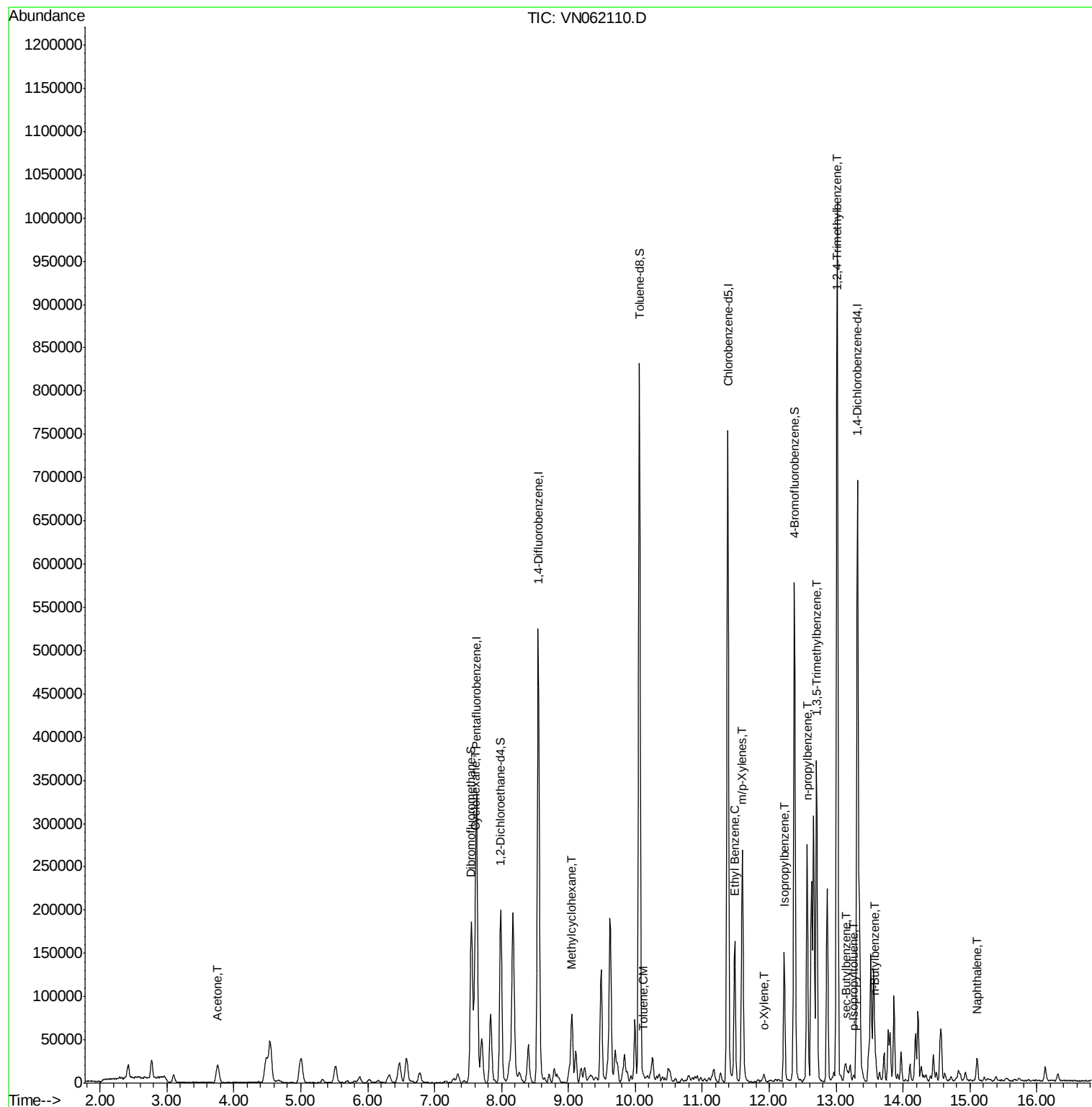
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062520\
Data File : VN062110.D
Acq On : 25 Jun 2020 14:52
Operator : JC/MD
Sample : L3071-02 100X
Misc : 8.97a/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 26 03:27:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampled :

TW-7A

Tot Ion:168 Resp: 256697

Ion Ratio Lower Upper

168 100

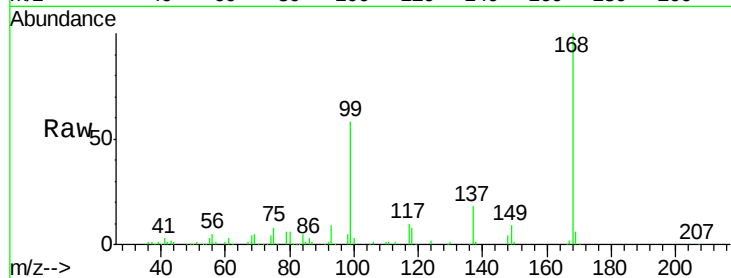
99 57.9 45.8 68.8

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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

120000

100000

80000

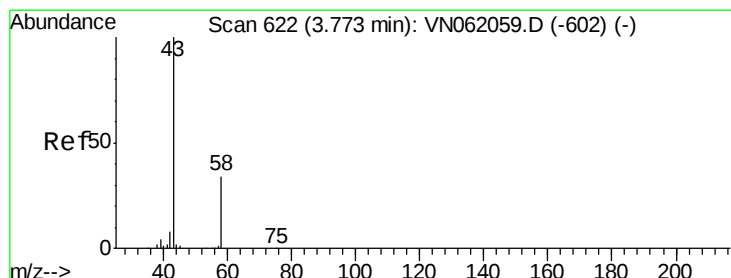
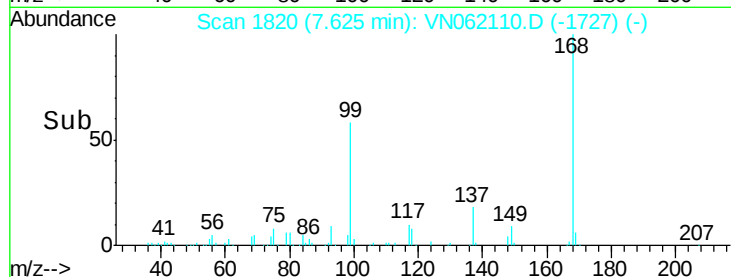
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 6.660 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.02 min

Lab File: VN062110.D

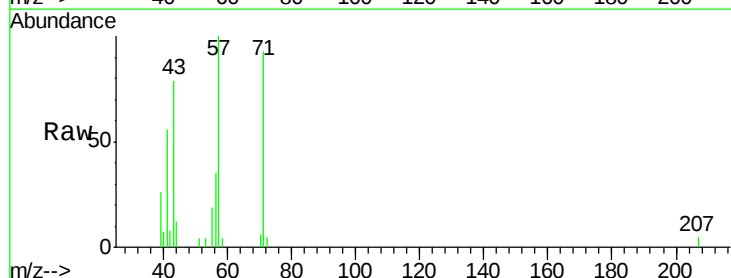
Acq: 25 Jun 2020 14:52

Tgt Ion: 43 Resp: 11989

Ion Ratio Lower Upper

43 100

58 5.6 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.75

4000

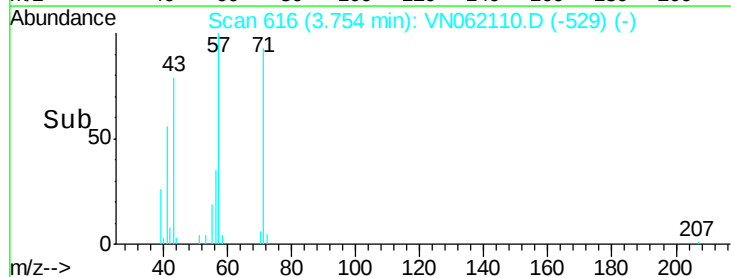
3000

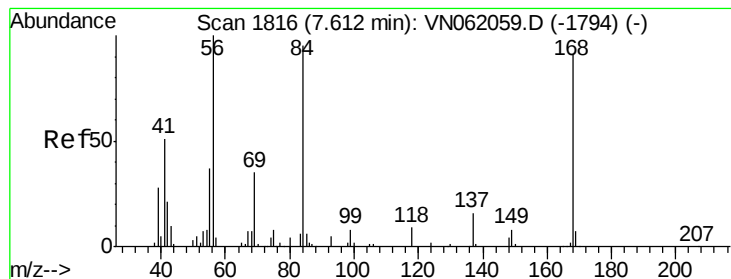
2000

1000

0

Time--> 3.65 3.70 3.75 3.80 3.85





#31

Cyclohexane

Concen: 5.057 ug/l

RT: 7.60 min Scan# 1812

Delta R.T. -0.01 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

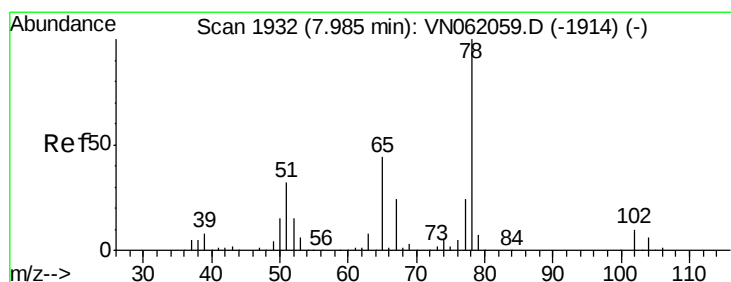
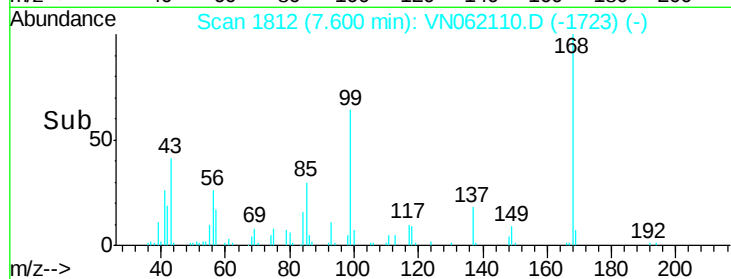
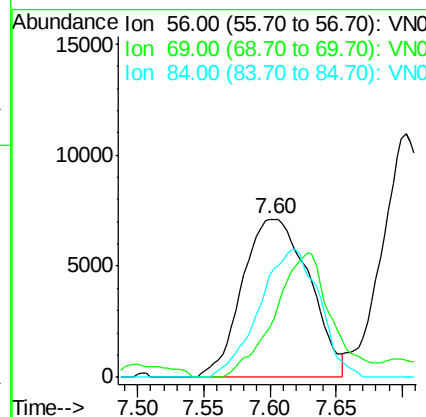
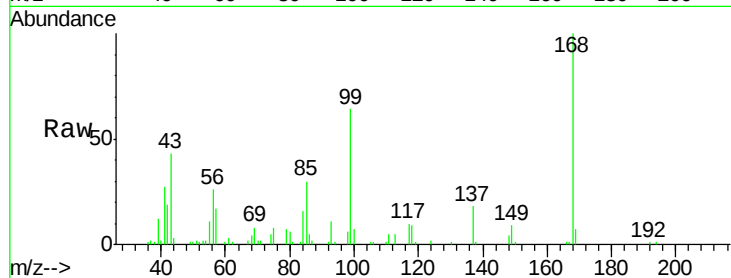
ClientSampled :

TW-7A

Tot Ion:	56	Resp:	25166
Ion Ratio	Lower	Upper	
56	100		
69	30.9	28.0	42.0
84	64.0	76.1	114.1#

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#33

1,2-Dichloroethane-d4

Concen: 46.589 ug/l

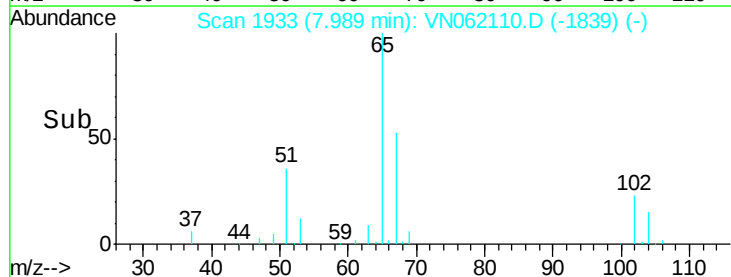
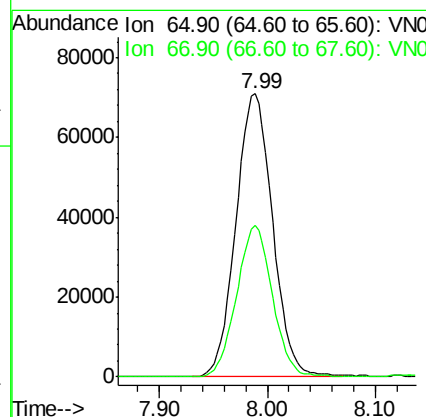
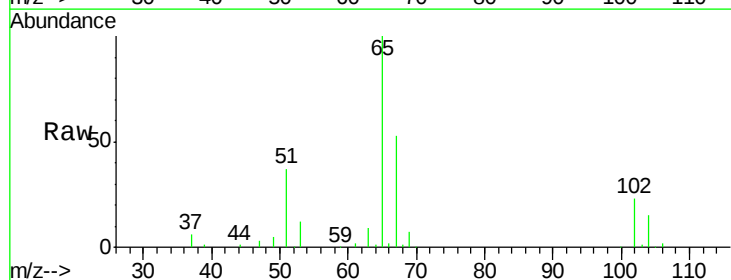
RT: 7.99 min Scan# 1933

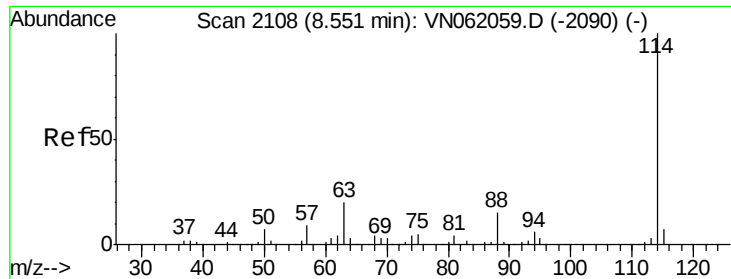
Delta R.T. 0.00 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Tgt Ion:	65	Resp:	167829
Ion Ratio	Lower	Upper	
65	100		
67	52.2	0.0	106.2





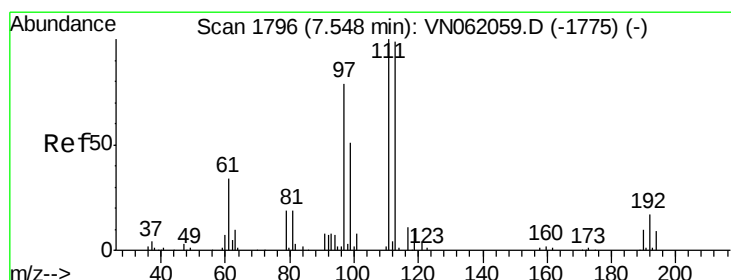
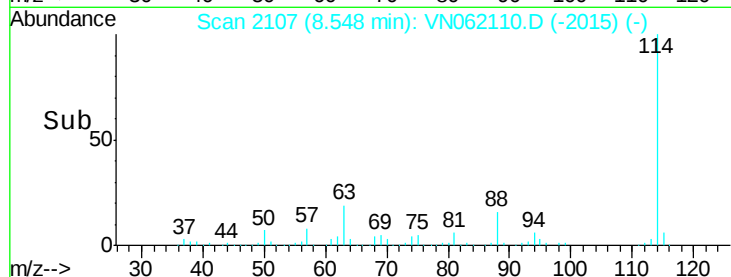
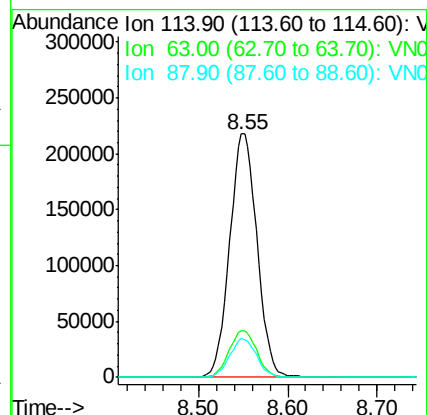
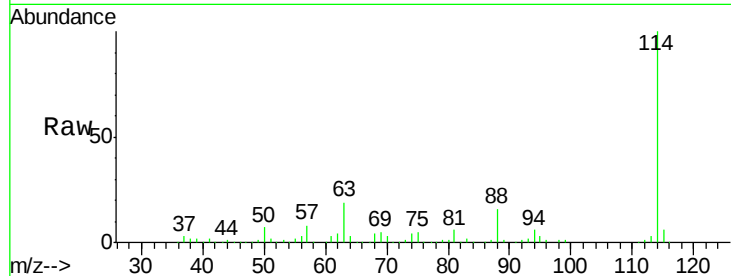
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_N
ClientSampled :
TW-7A

Tot Ion	Ratio	Resp	Lower	Upper
114	100	463104		
63	19.3	0.0	39.2	
88	15.8	0.0	30.8	

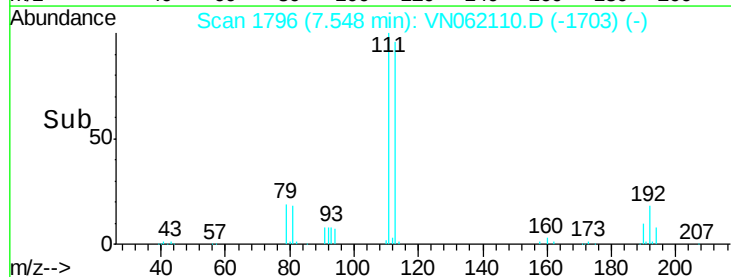
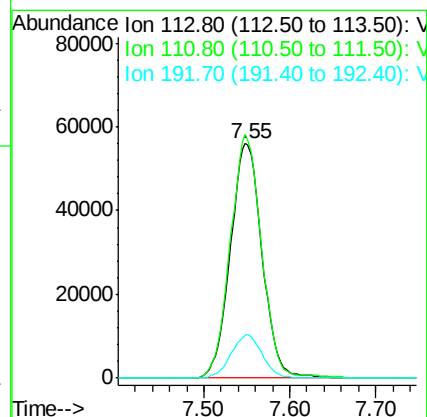
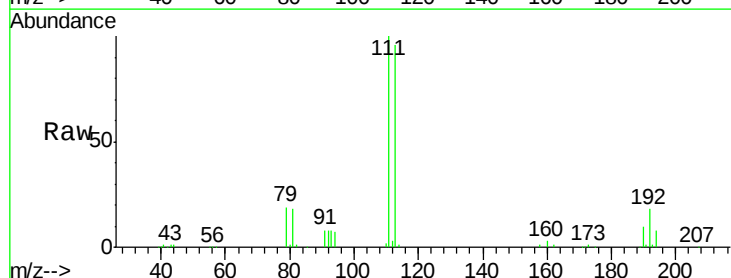
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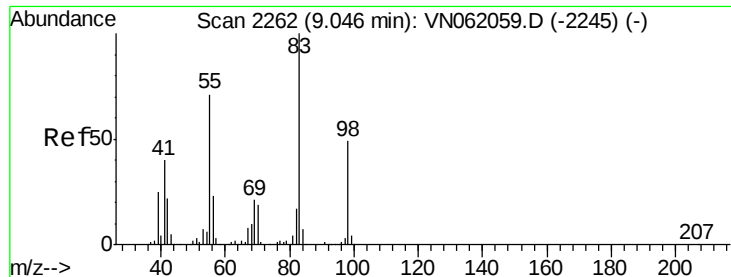
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#35
Dibromofluoromethane
Concen: 48.167 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	143106		
111	101.5	82.2	123.4	
192	18.1	14.0	21.0	





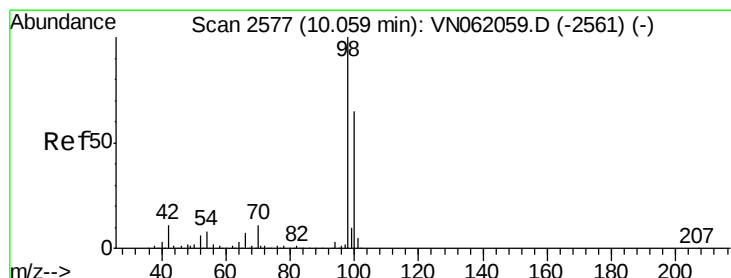
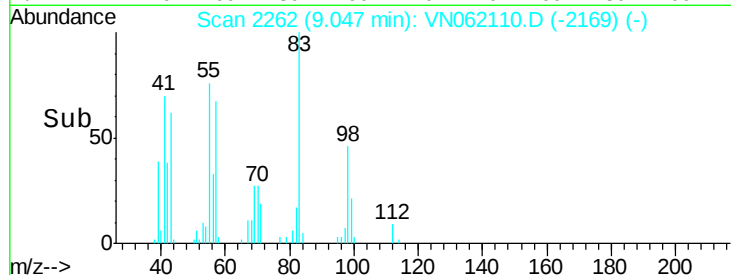
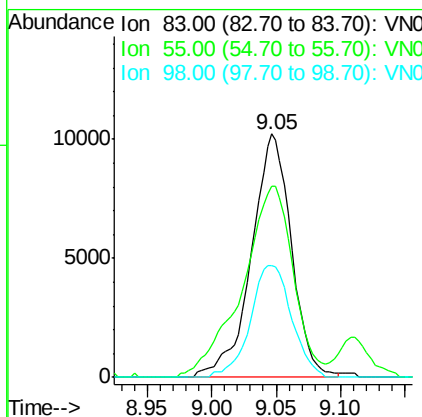
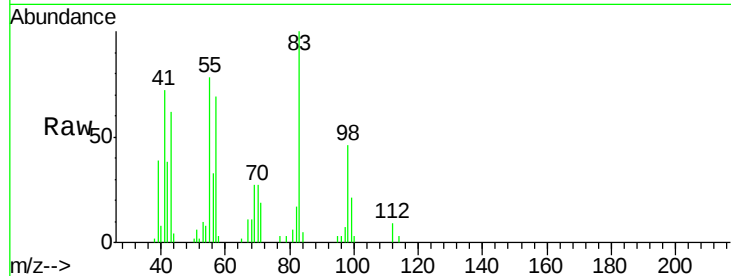
#39
Methvlcvclohexane
Concen: 4.332 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_N
ClientSampled :
TW-7A

Tot Ion	83	Resp	22093
Ion Ratio	Lower	Upper	
83	100		
55	75.7	57.0	85.6
98	46.2	39.0	58.6

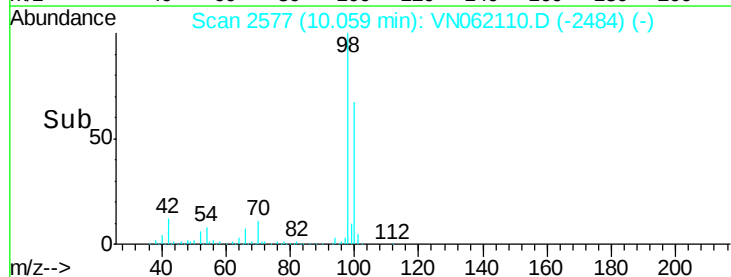
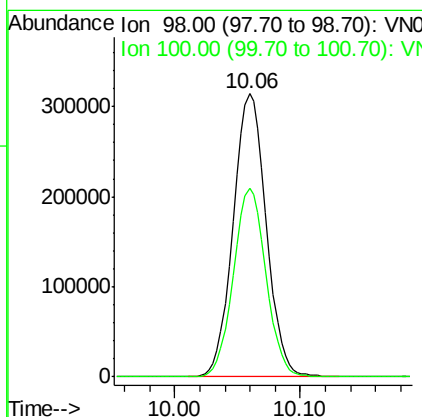
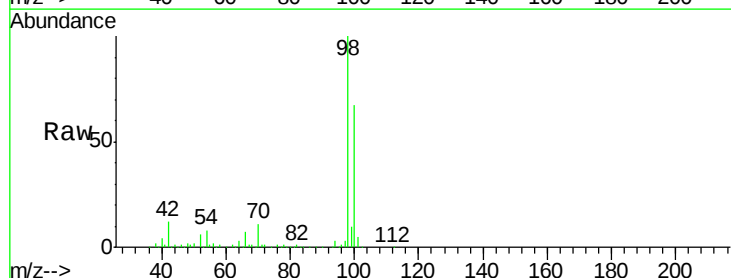
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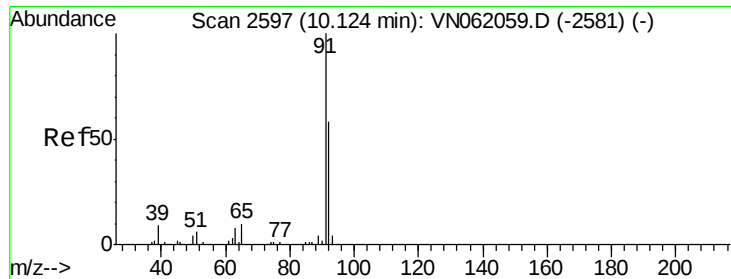
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#50
Toluene-d8
Concen: 48.318 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion	98	Resp	573838
Ion Ratio	Lower	Upper	
98	100		
100	65.8	51.2	76.8





#52

Toluene

Concen: 0.263 ug/l

RT: 10.13 min Scan# 2599

Delta R.T. 0.01 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampleId :

TW-7A

Tot Ion: 92 Resp: 2279

Ion Ratio Lower Upper

92 100

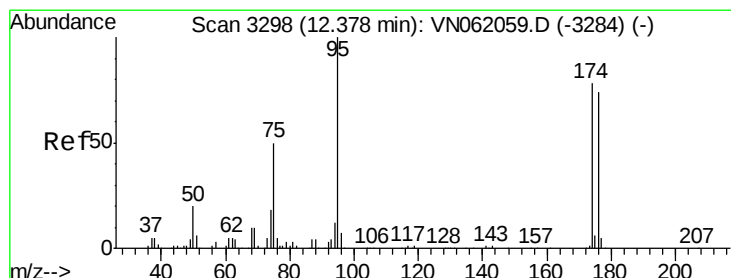
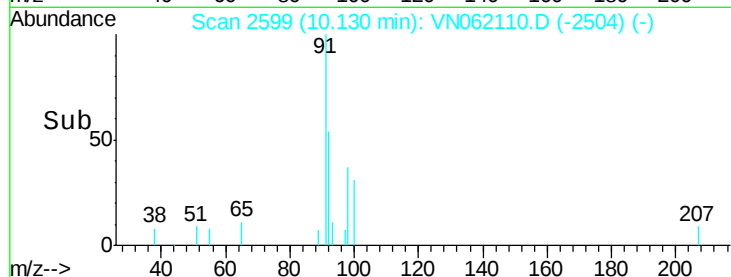
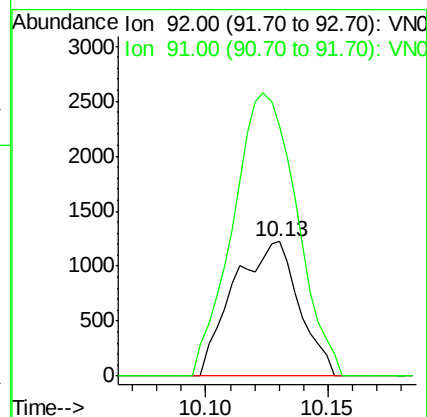
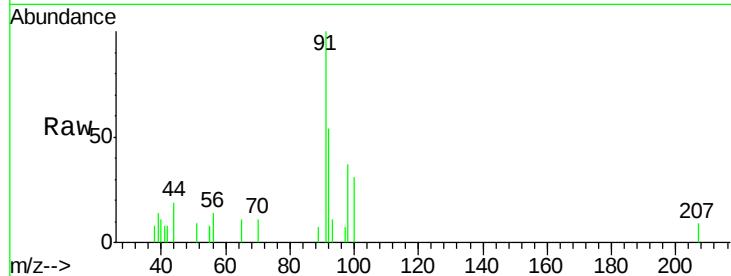
91 205.2 137.4 206.0

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#62

4-Bromofluorobenzene

Concen: 50.807 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

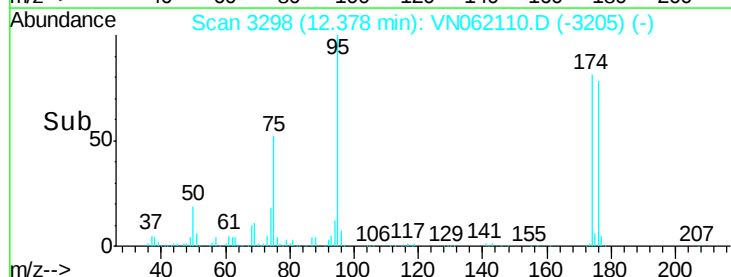
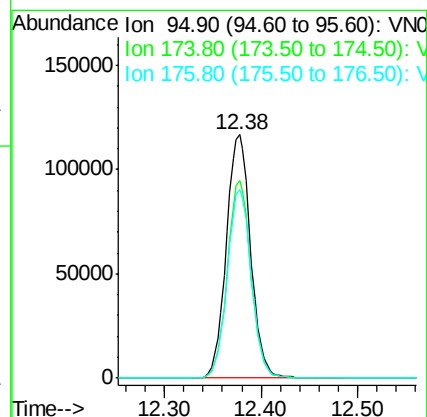
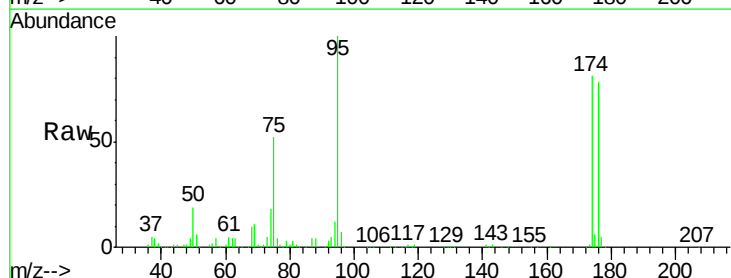
Tgt Ion: 95 Resp: 203861

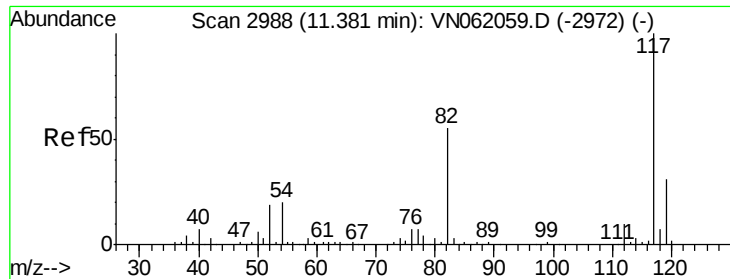
Ion Ratio Lower Upper

95 100

174 78.6 0.0 154.8

176 76.5 0.0 147.4





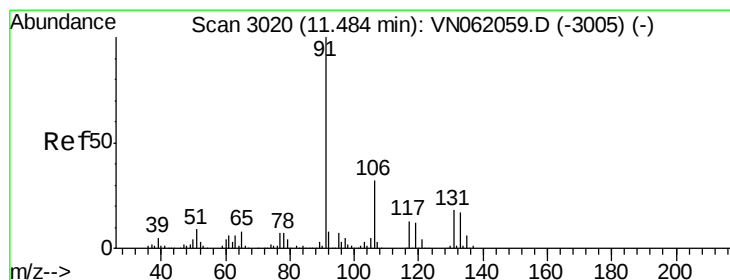
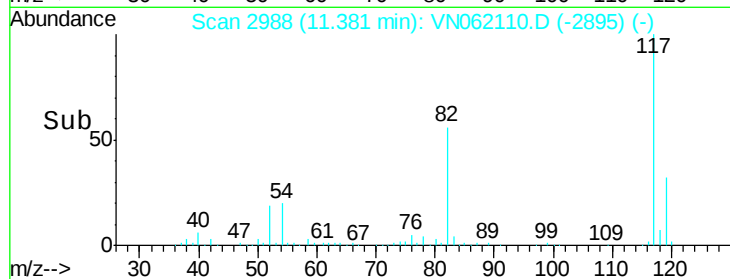
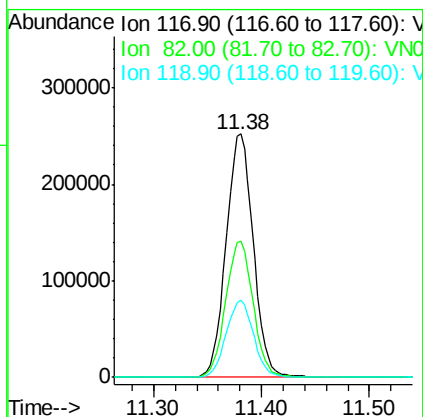
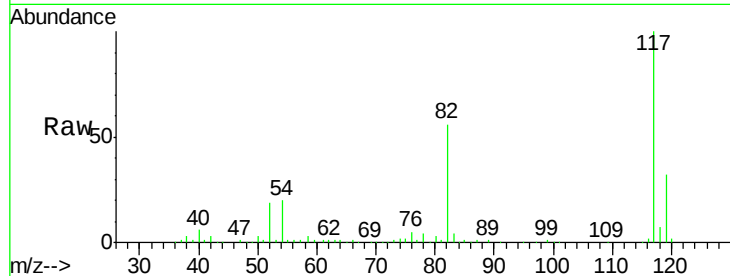
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_N
ClientSampled :
TW-7A

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.8	65.8
119	31.5	25.2	37.8

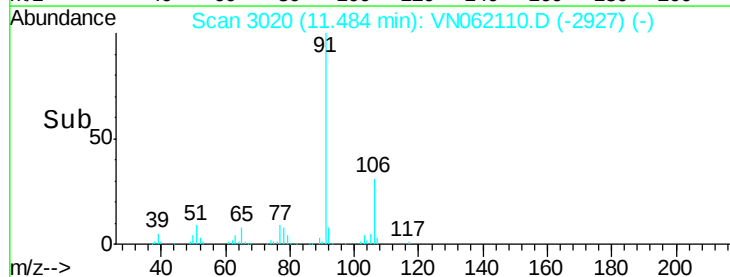
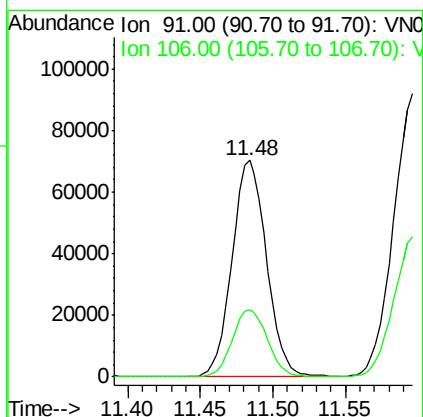
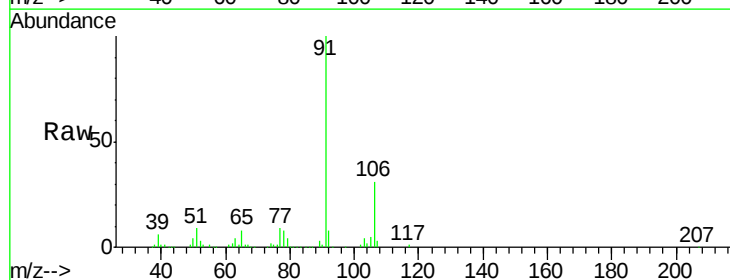
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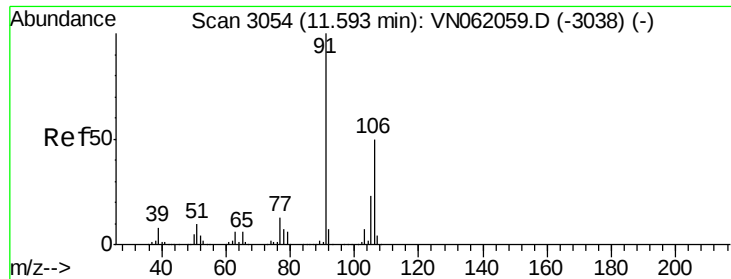
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#67
Ethyl Benzene
Concen: 7.049 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.3	37.9





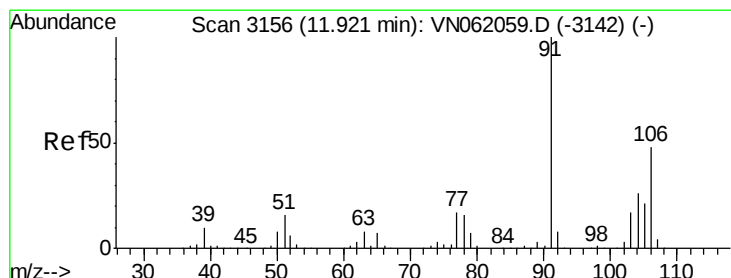
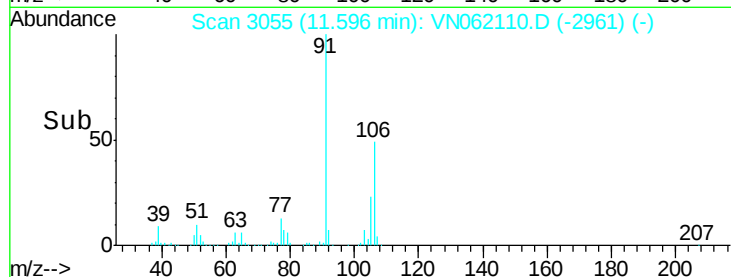
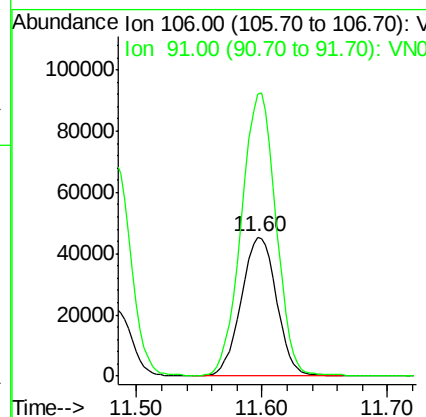
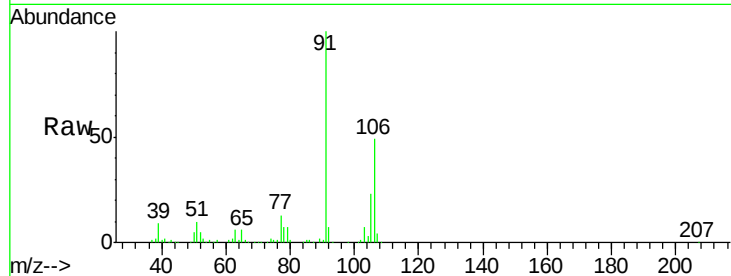
#68
m/p-Xylenes
Concen: 13.979 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_N
ClientSampled :
TW-7A

Tot Ion:106 Resp: 89044
Ion Ratio Lower Upper
106 100
91 197.8 157.8 236.8

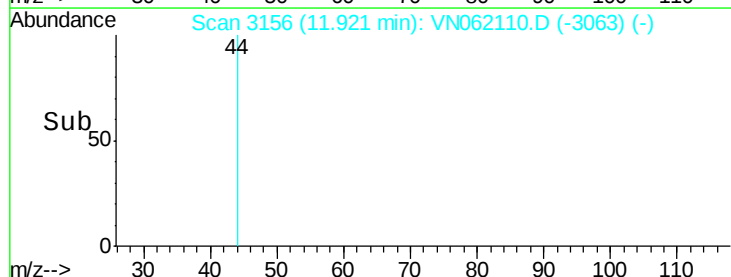
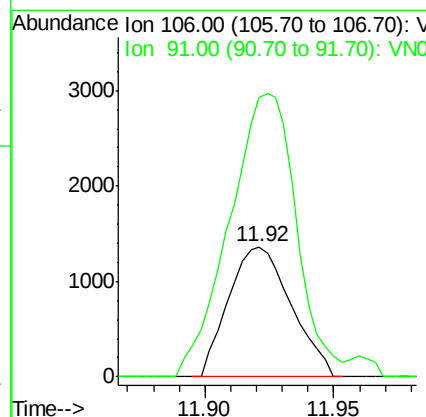
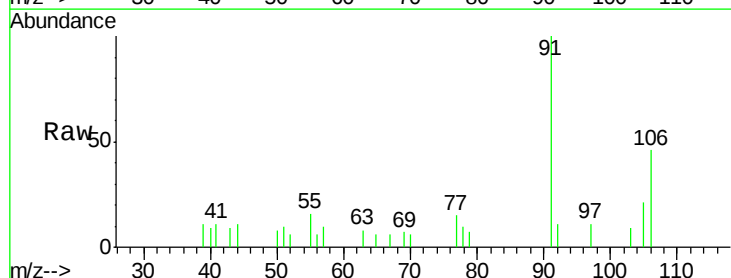
Manual Integrations
APPROVED

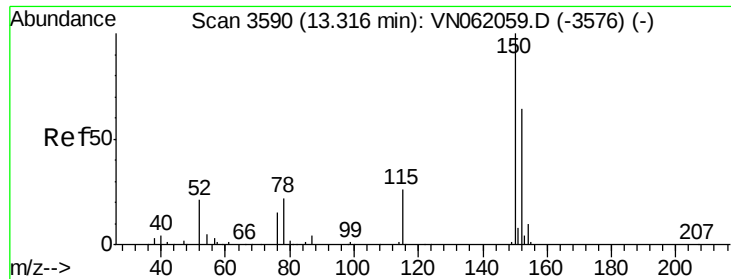
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#69
o-Xylene
Concen: 0.383 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion:106 Resp: 2304
Ion Ratio Lower Upper
106 100
91 232.8 104.0 311.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampled :

TW-7A

Tot Ion:152 Resp: 191079

Ion Ratio Lower Upper

152 100

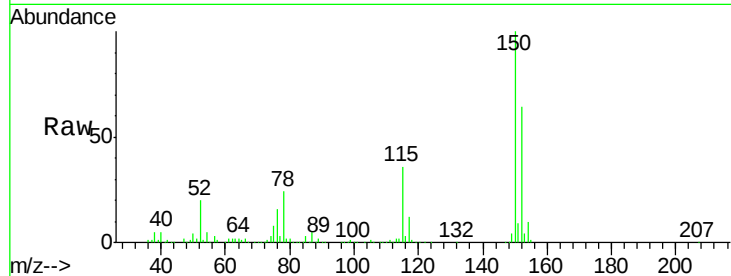
115 59.1 29.5 88.5

150 156.4 0.0 351.4

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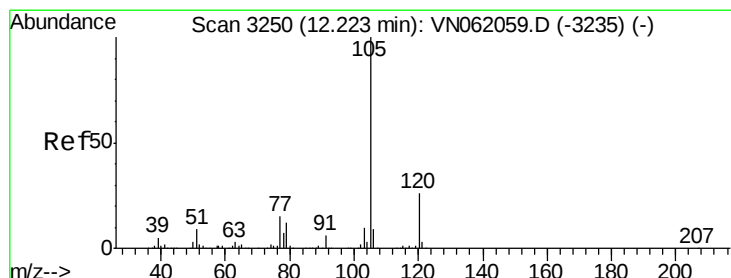
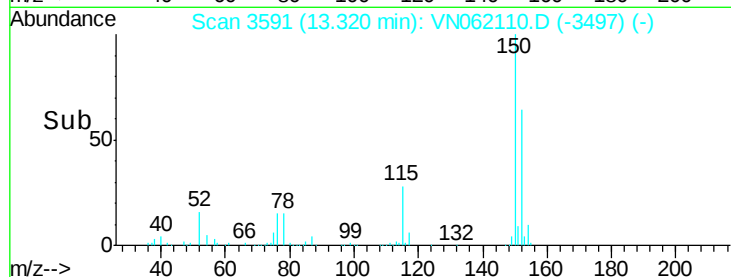
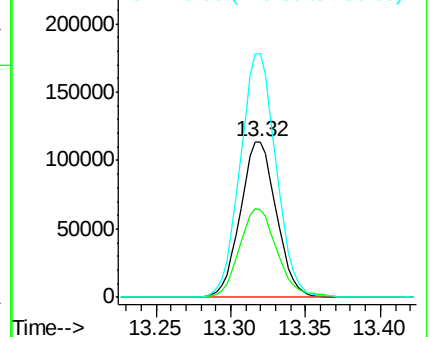
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 6.779 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062110.D

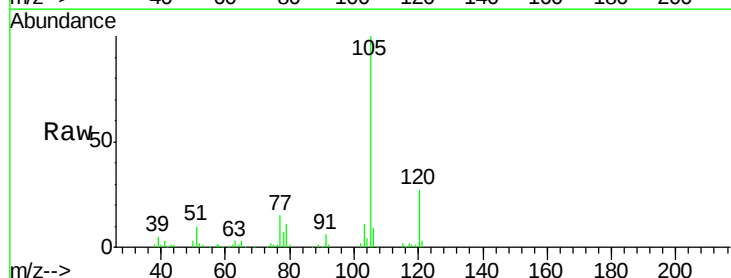
Acq: 25 Jun 2020 14:52

Tgt Ion:105 Resp: 100272

Ion Ratio Lower Upper

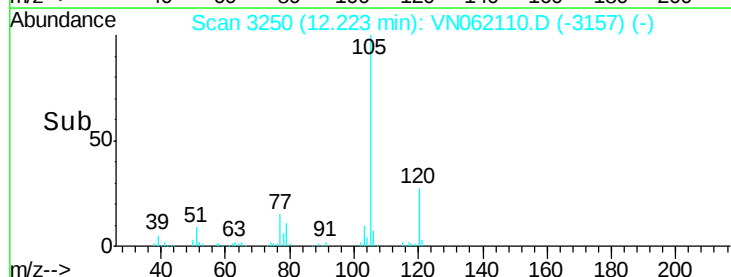
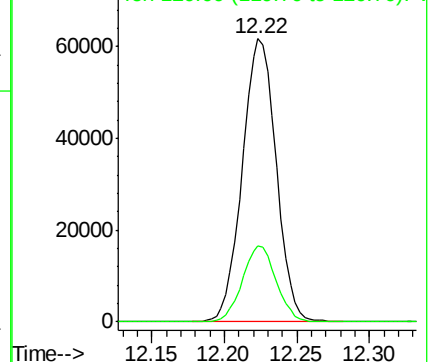
105 100

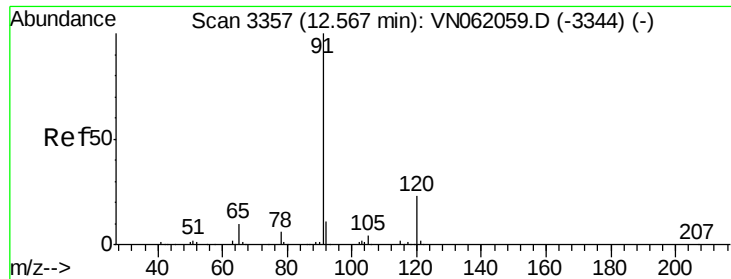
120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 12.960 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampled :

TW-7A

Tot Ion: 91 Resp: 219268

Ion Ratio Lower Upper

91 100

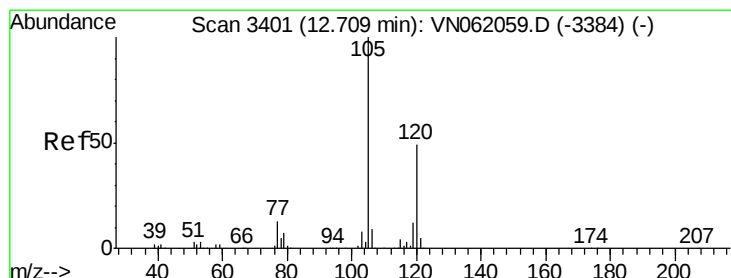
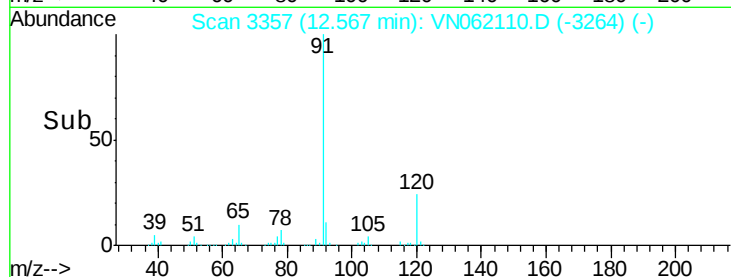
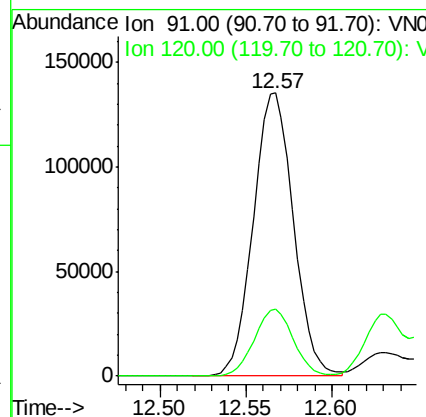
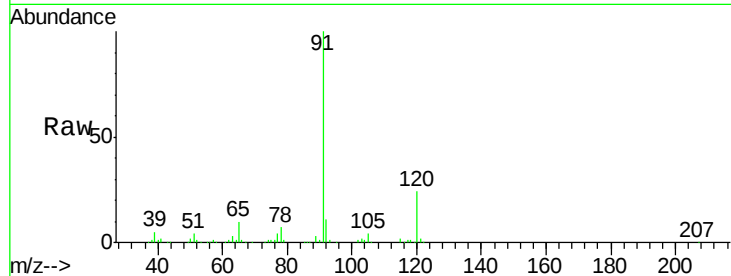
120 23.1 11.4 34.1

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#80

1,3,5-Trimethylbenzene

Concen: 16.590 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062110.D

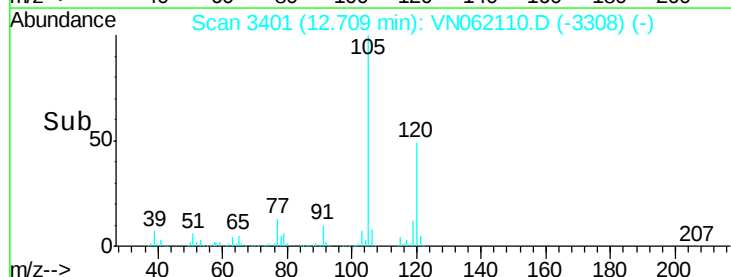
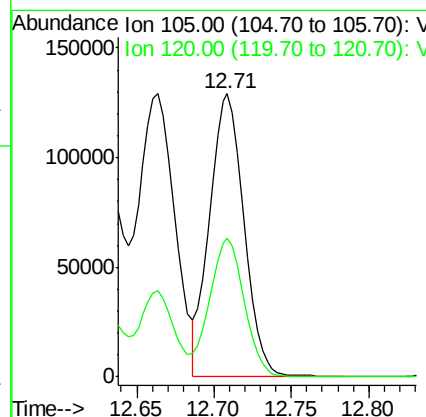
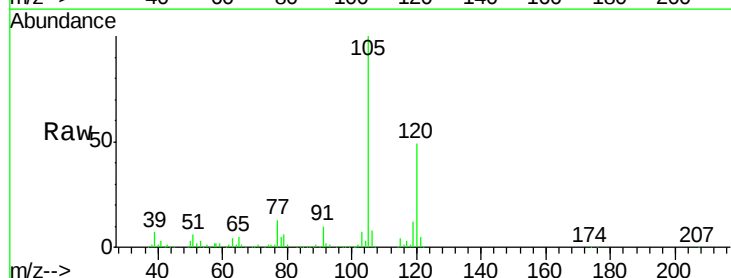
Acq: 25 Jun 2020 14:52

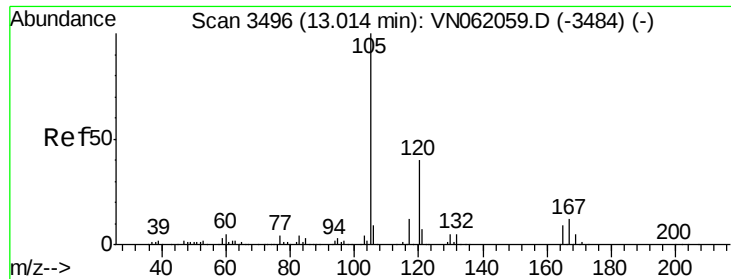
Tgt Ion: 105 Resp: 198922

Ion Ratio Lower Upper

105 100

120 50.3 24.6 74.0





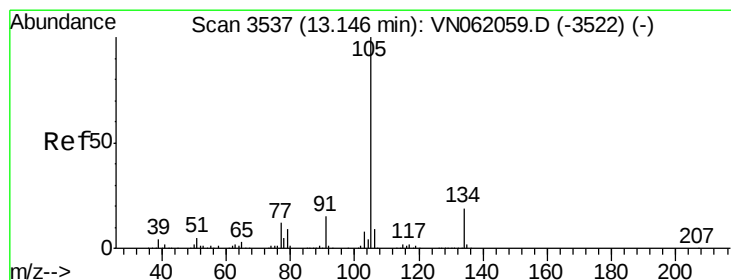
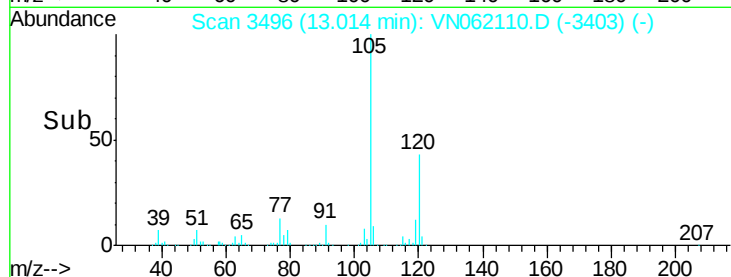
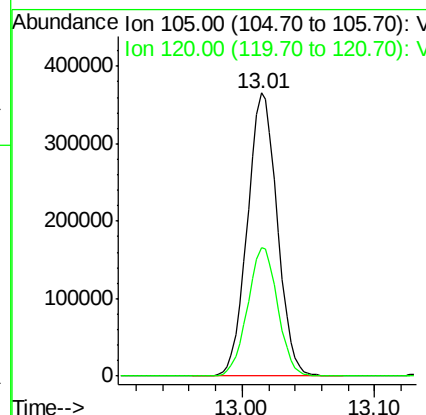
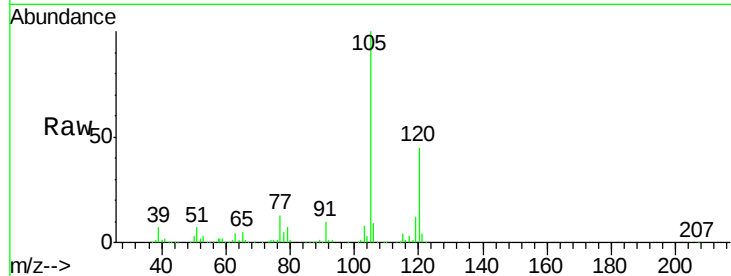
#84
 1,2,4-Trimethylbenzene
 Concen: 47.519 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.5

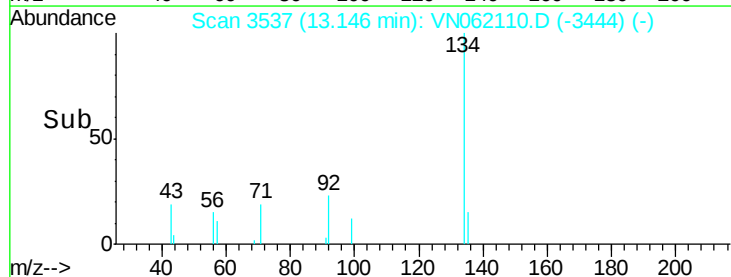
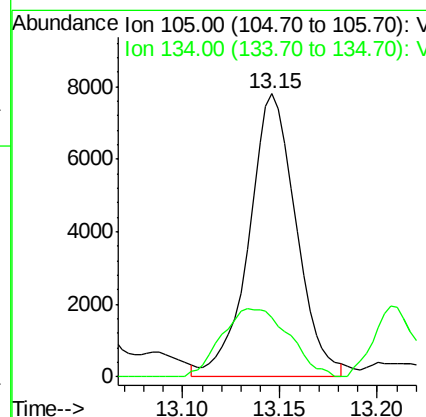
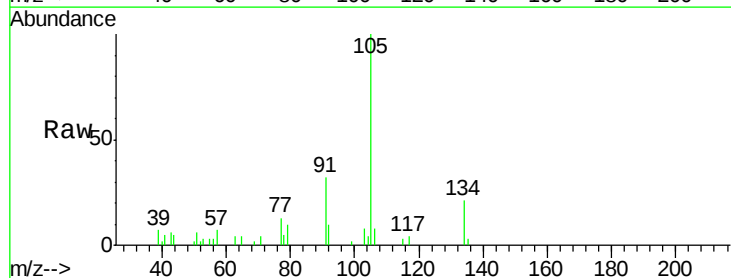
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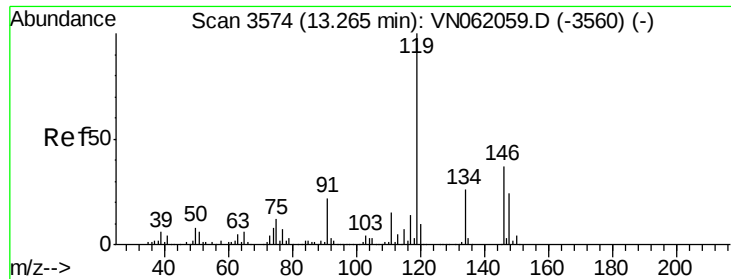
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#85
 sec-Butylbenzene
 Concen: 0.974 ug/l m
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.7	29.1#





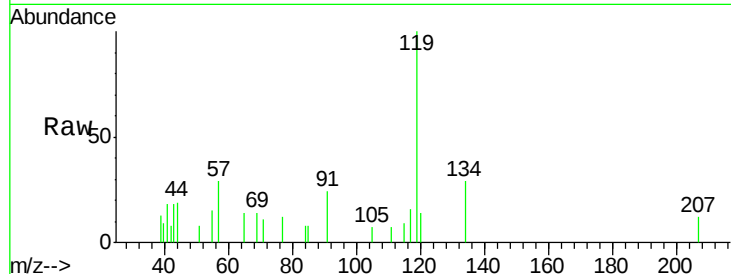
#86
p-Isopropyltoluene
Concen: 0.299 ug/l m
RT: 13.26 min Scan# 3573
Delta R.T. -0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_N
ClientSampled :
TW-7A

Tot Ion	Ratio	Lower	Upper
119	100		
134	80.2	13.0	39.0#
91	68.2	11.3	33.8#

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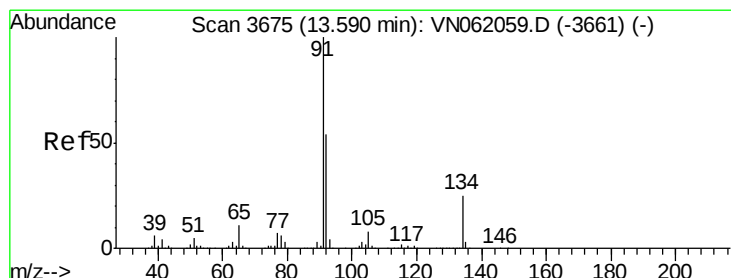
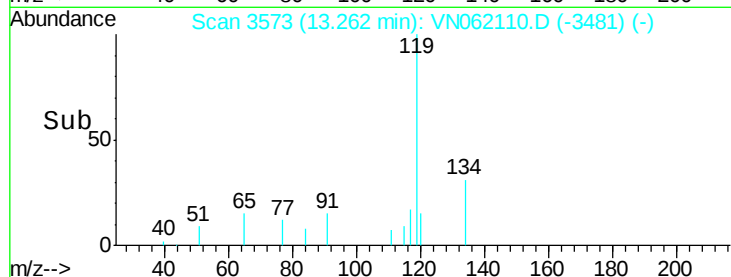
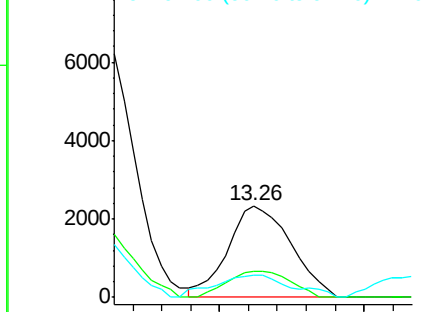


Abundance

Ion 119.00 (118.70 to 119.70): V

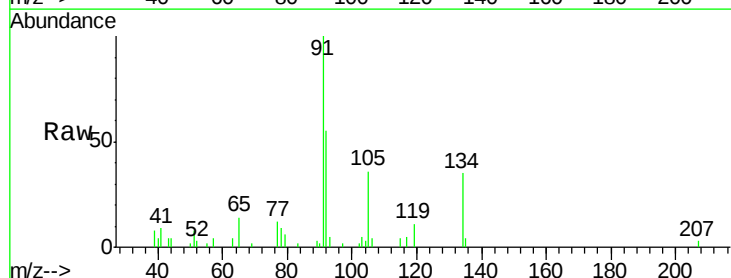
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
n-Butylbenzene
Concen: 1.247 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	74.4	26.6	79.7
134	0.0	12.3	36.9#

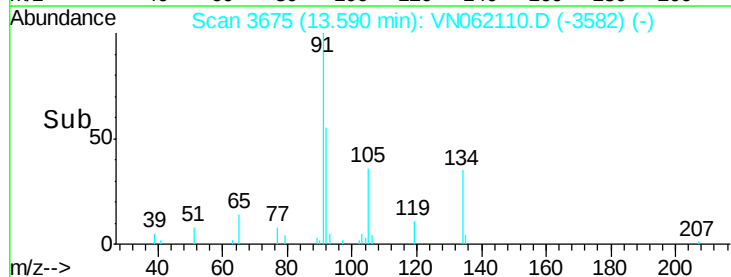
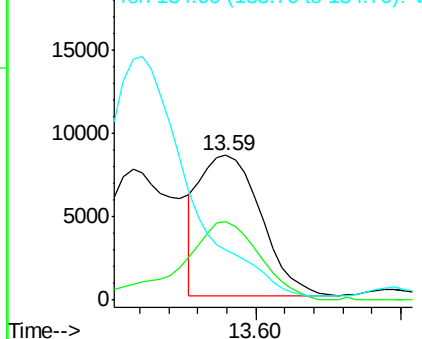


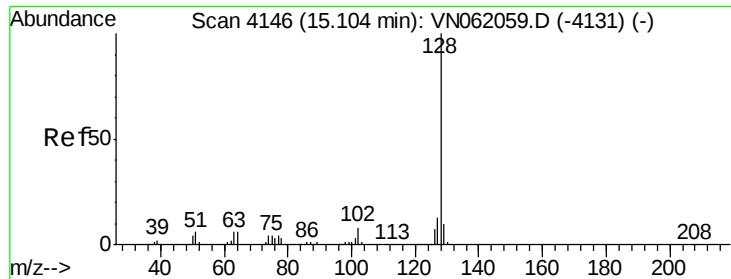
Abundance

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





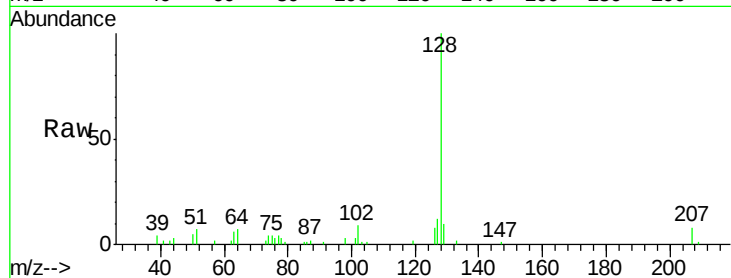
#95
Naphthalene
Concen: 6.359 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_N
ClientSampleId :
TW-7A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.2	8.6	13.0

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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

