

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062113.D
 Acq On : 25 Jun 2020 16:05
 Operator : JC/MD
 Sample : L3071-05 100X
 Misc : 6.11g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-C

Manual Integrations
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 6/26/2020 7:01:17 PM

Quant Time: Jun 26 03:36:32 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	241267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	430196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	156037	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
35) Dibromofluoromethane	7.55	113	133632	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	10.06	98	555249	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.38	95	197964	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
Target Compounds						
					Qvalue	
16) Acetone	3.75	43	71138	63.922	ug/l #	50
31) Cyclohexane	7.60	56	50958	10.894	ug/l #	76
39) Methylcyclohexane	9.05	83	43998	8.982	ug/l #	88
40) Benzene	8.01	78	3935	0.289	ug/l	95
52) Toluene	10.12	92	550364	66.199	ug/l	99
67) Ethyl Benzene	11.48	91	484880	30.390	ug/l	99
68) m/p-Xylenes	11.59	106	600158	97.252	ug/l	99
69) o-Xylene	11.92	106	115250	19.794	ug/l	99
73) Isopropylbenzene	12.22	105	223313	15.450	ug/l	98
78) n-propylbenzene	12.57	91	389917	23.583	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	373611	31.885	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	1222360	104.451	ug/l	99
85) sec-Butylbenzene	13.15	105	23914m	1.805	ug/l	
86) p-Isopropyltoluene	13.26	119	7326m	0.631	ug/l	
89) n-Butylbenzene	13.59	91	24283	2.516	ug/l #	64
95) Naphthalene	15.10	128	67077	10.929	ug/l	99

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

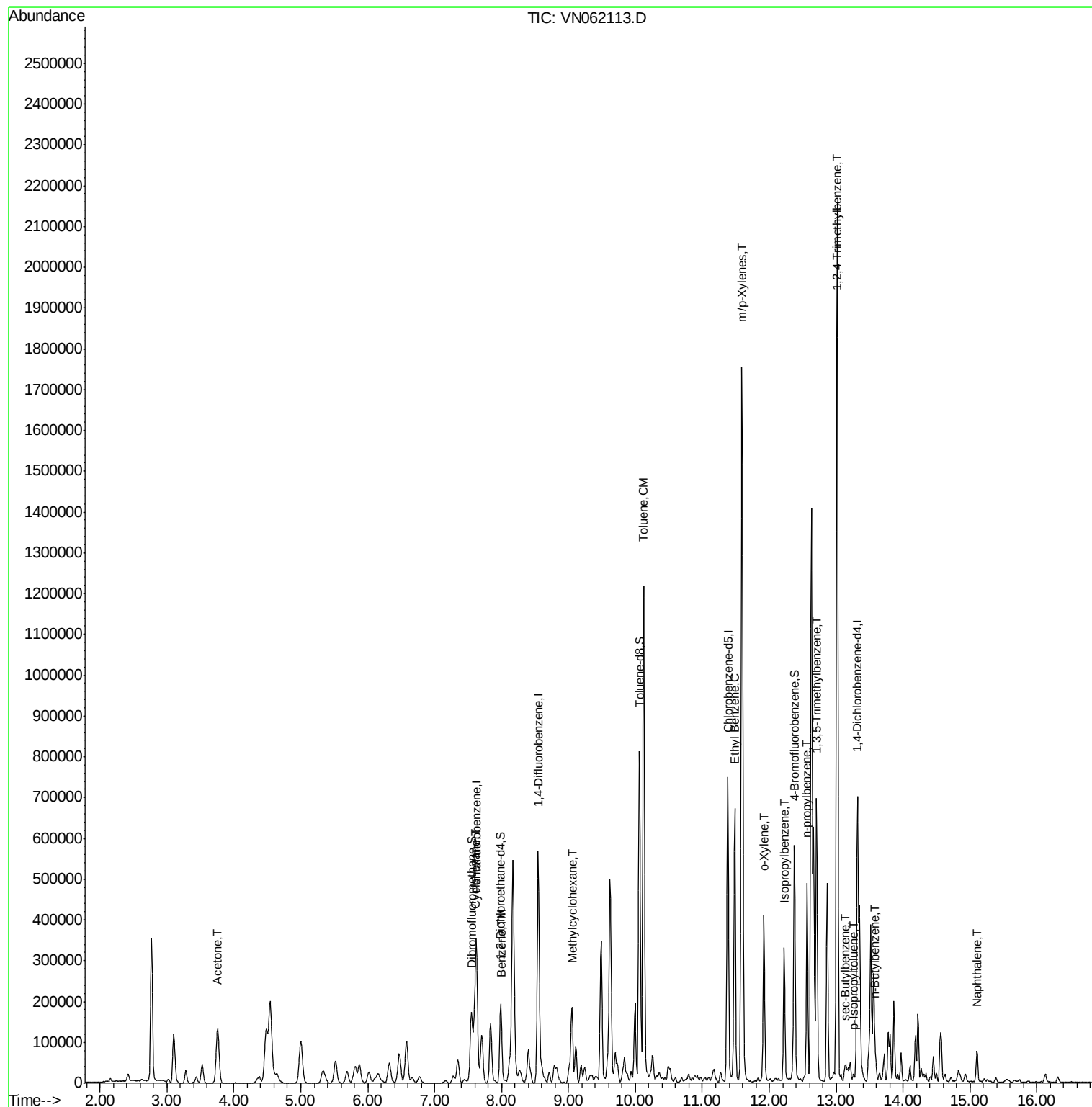
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062520\
Data File : VN062113.D
Acq On : 25 Jun 2020 16:05
Operator : JC/MD
Sample : L3071-05 100X
Misc : 6.11q/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

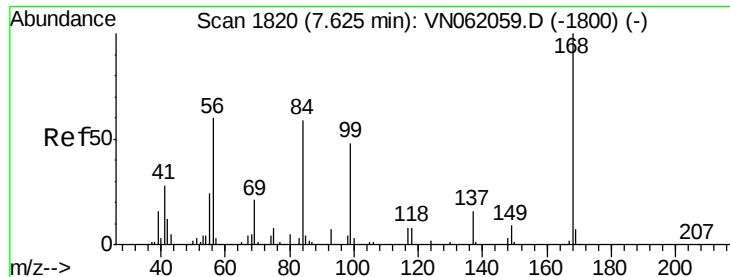
Instrument :
MSVOA_N
ClientSampleId :
SB-C

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Quant Time: Jun 26 03:36:32 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: VN062113.D

Acq: 25 Jun 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

SB-C

Tot Ion:168 Resp: 241267

Ion Ratio Lower Upper

168 100

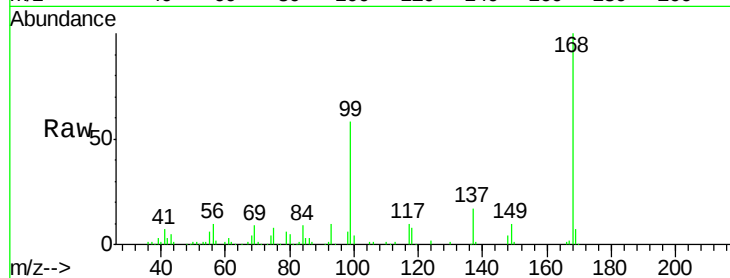
99 58.5 45.8 68.8

Manual Integrations

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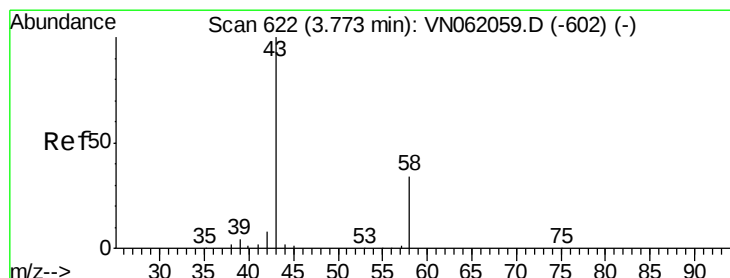
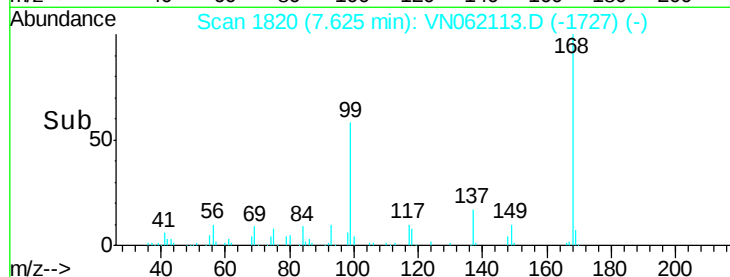
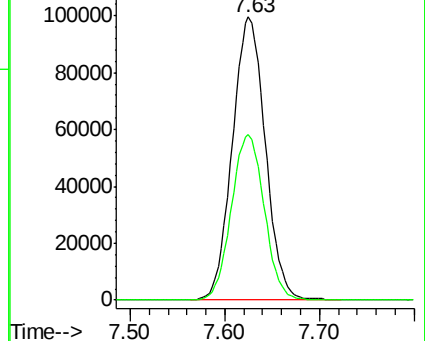
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 63.922 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.02 min

Lab File: VN062113.D

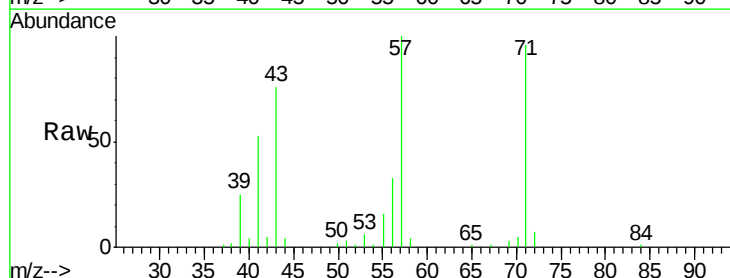
Acq: 25 Jun 2020 16:05

Tgt Ion: 43 Resp: 71138

Ion Ratio Lower Upper

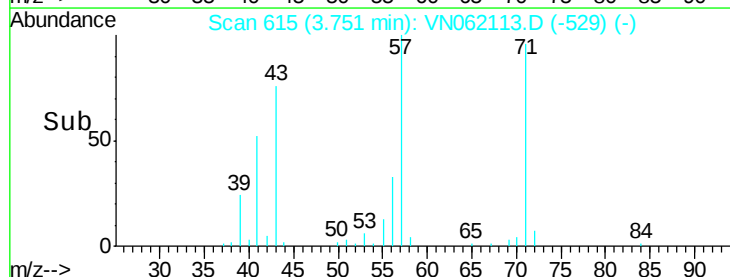
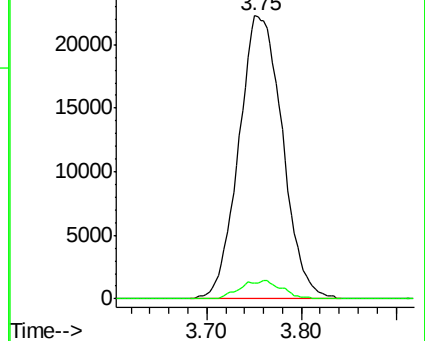
43 100

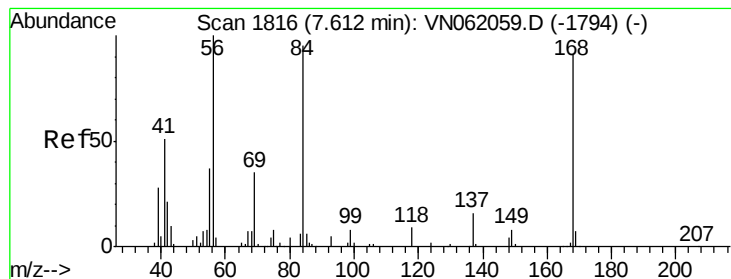
58 5.5 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#31

Cyclohexane

Concen: 10.894 ug/l

RT: 7.60 min Scan# 1813

Delta R.T. -0.01 min

Lab File: VN062113.D

Acq: 25 Jun 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

SB-C

Tot Ion: 56 Resp: 50958

Ion Ratio Lower Upper

56 100

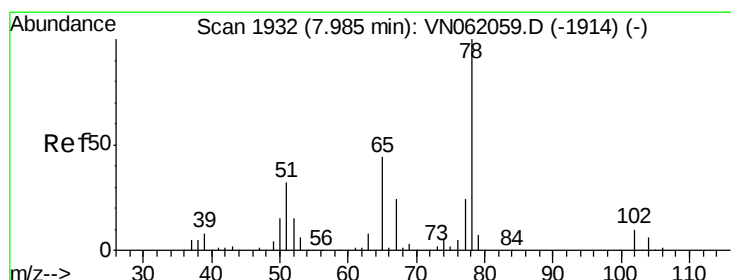
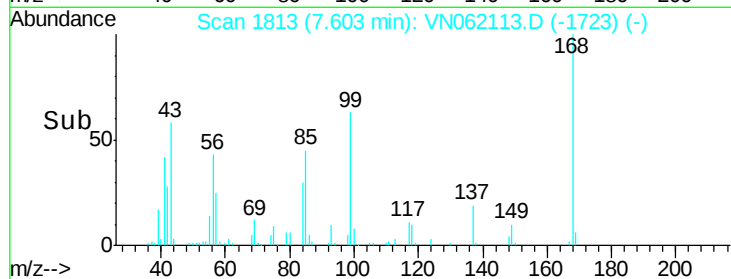
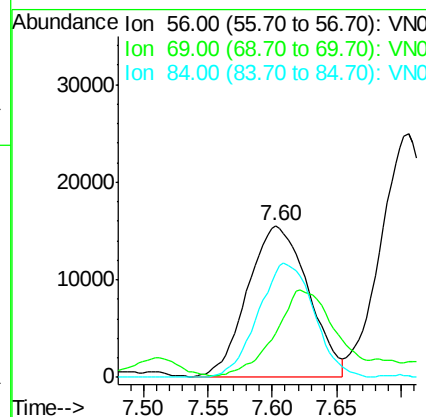
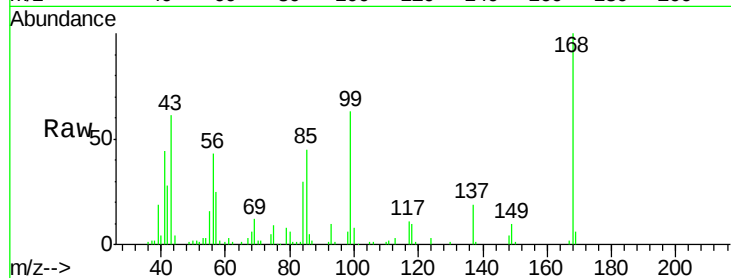
69 25.2 28.0 42.0#

84 69.0 76.1 114.1#

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#33

1,2-Dichloroethane-d4

Concen: 46.086 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062113.D

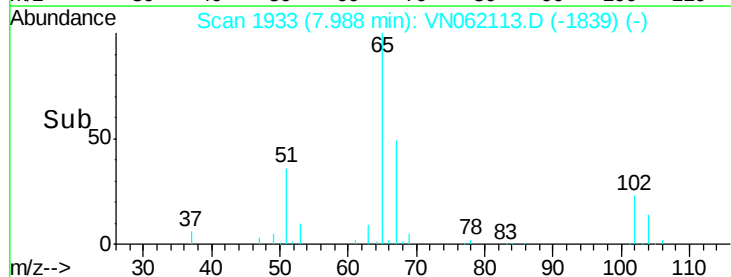
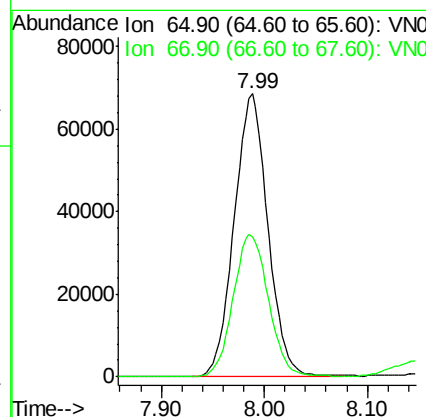
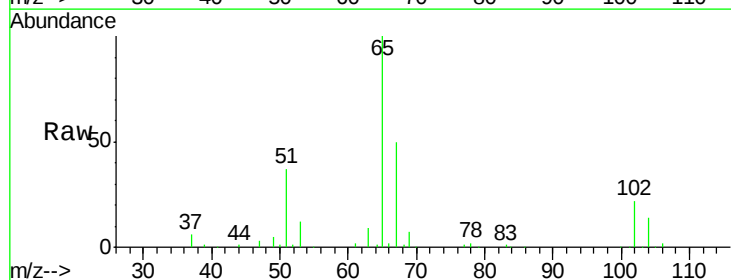
Acq: 25 Jun 2020 16:05

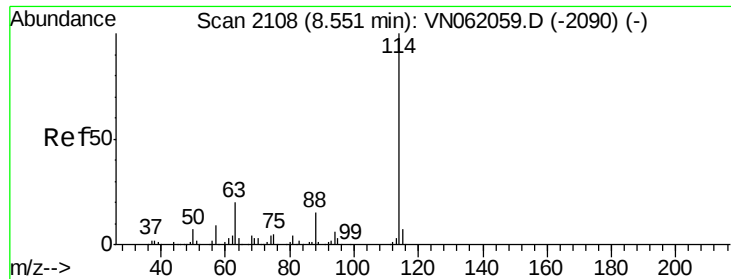
Tgt Ion: 65 Resp: 156037

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2





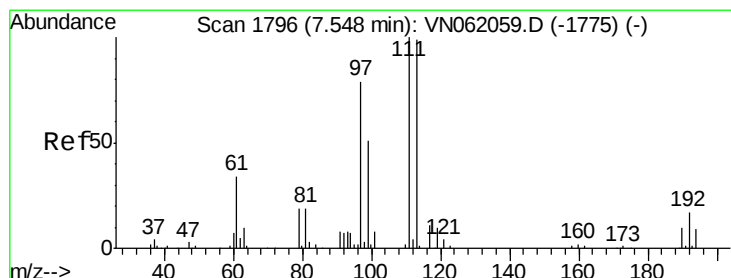
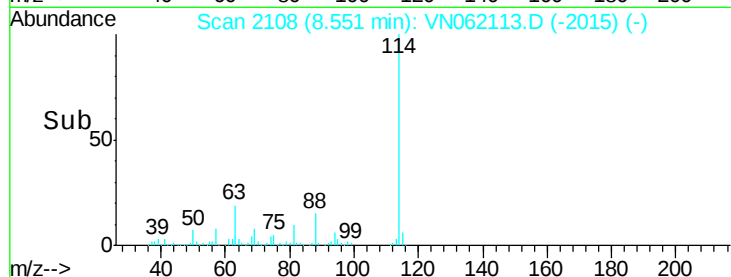
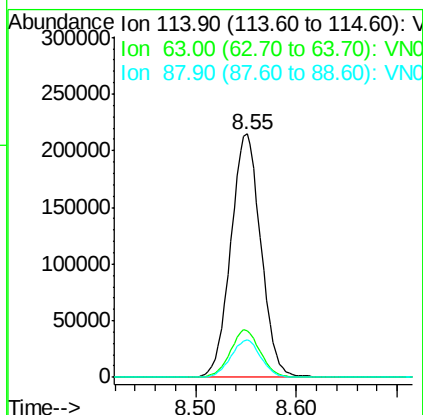
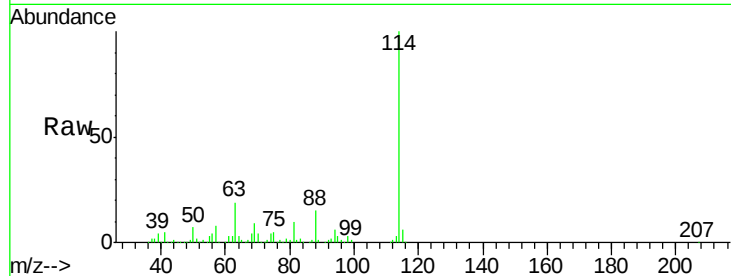
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062113.D
 Acq: 25 Jun 2020 16:05

Instrument :
 MSVOA_N
 ClientSampled :
 SB-C

Tot Ion	Ratio	Resp	Lower	Upper
114	100	444756		
63	19.3		0.0	39.2
88	15.2		0.0	30.8

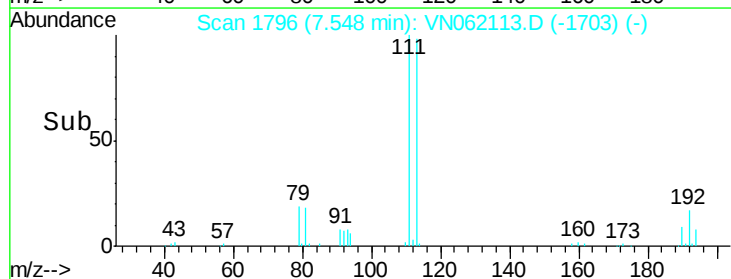
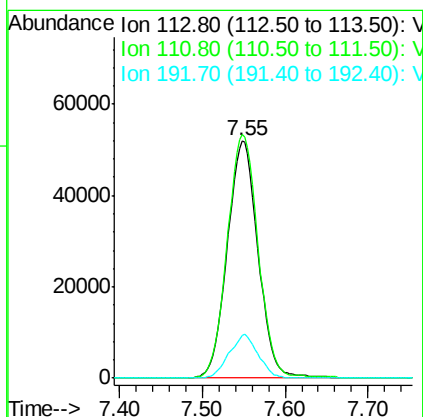
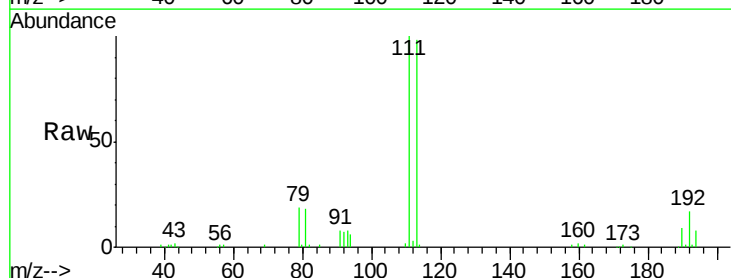
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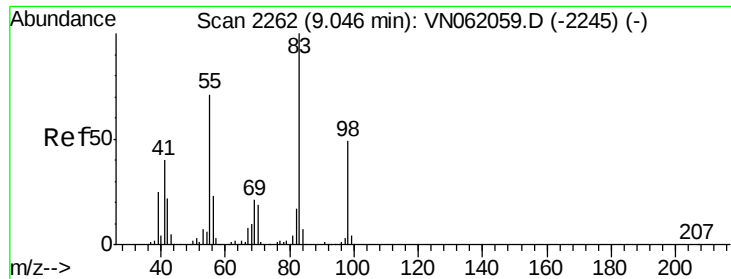
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#35
 Dibromofluoromethane
 Concen: 46.834 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062113.D
 Acq: 25 Jun 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	133632		
111	103.6		82.2	123.4
192	17.3		14.0	21.0





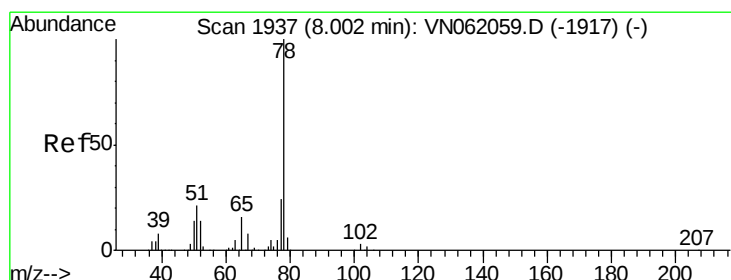
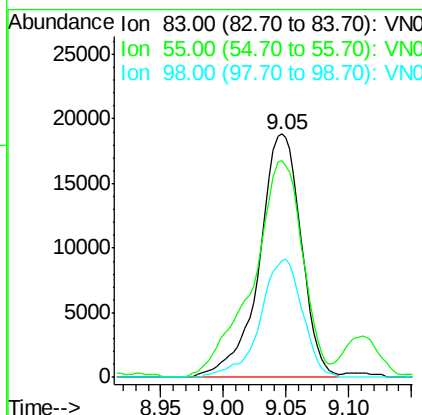
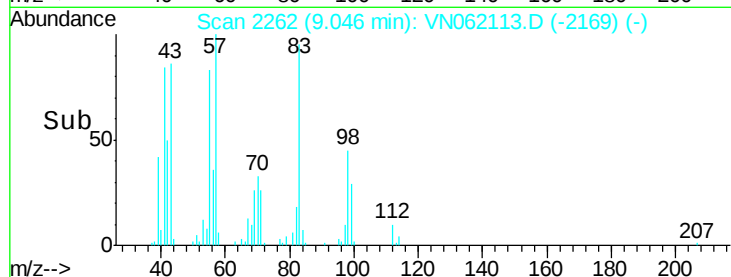
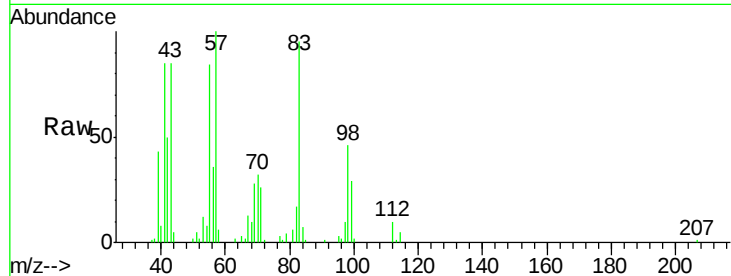
#39
Methvlcvclohexane
Concen: 8.982 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Instrument :
MSVOA_N
ClientSampled :
SB-C

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.2	57.0	85.6#
98	48.2	39.0	58.6

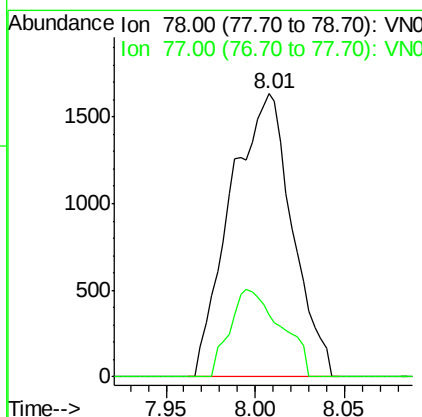
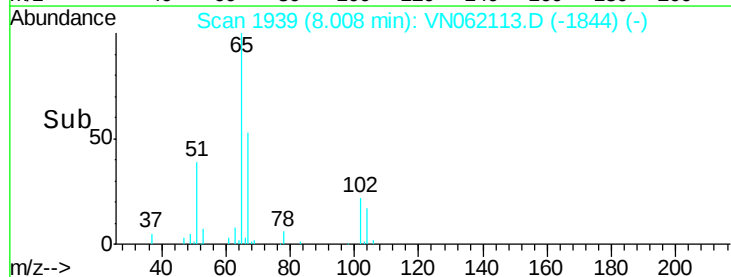
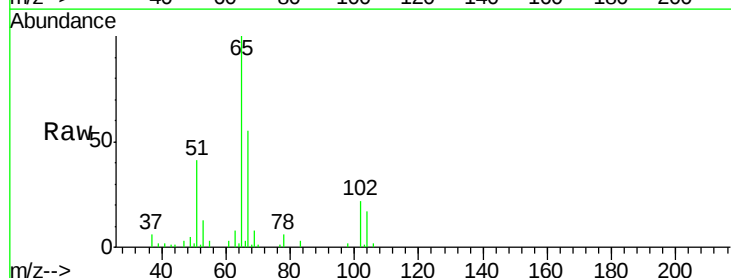
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#40
Benzene
Concen: 0.289 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.01 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.5	29.3





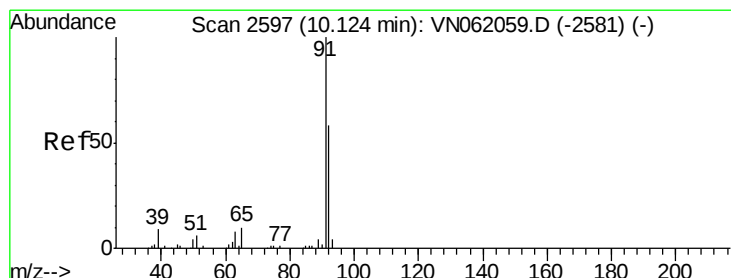
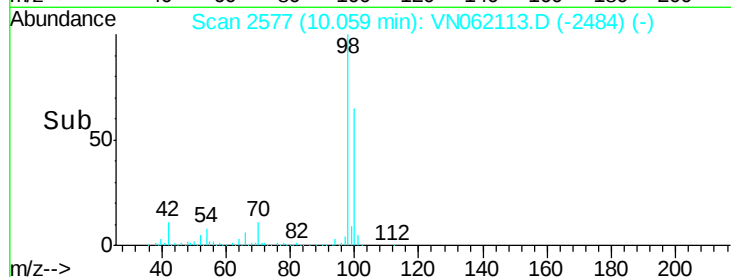
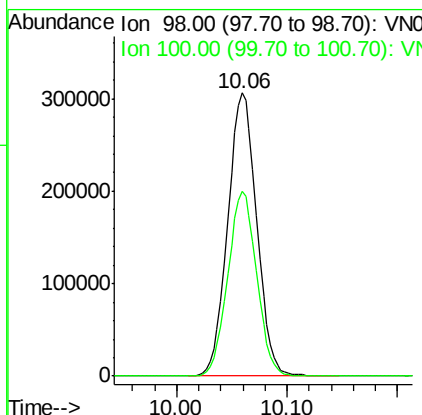
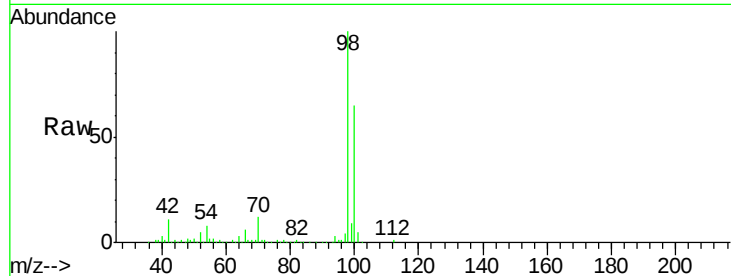
#50
Toluene-d8
Concen: 48.682 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :
SB-C

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	65.5	51.2	76.8	

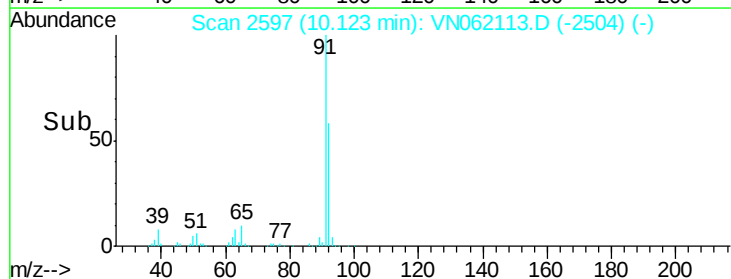
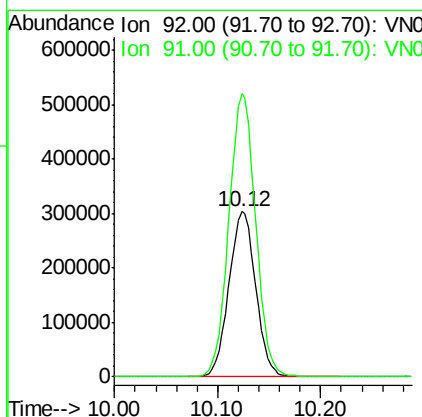
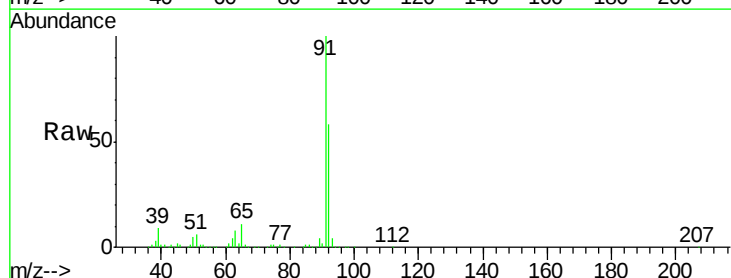
Manual Integrations
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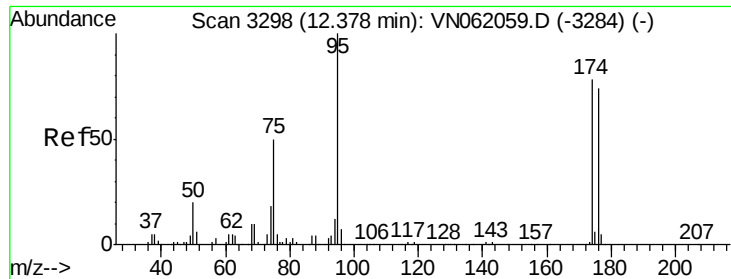
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#52
Toluene
Concen: 66.199 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Tgt Ion	Ion	Ratio	Lower	Upper
92	100			
91	170.8	137.4	206.0	





#62

4-Bromofluorobenzene

Concen: 51.373 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062113.D

Acq: 25 Jun 2020 16:05

Instrument :

MSVOA_N

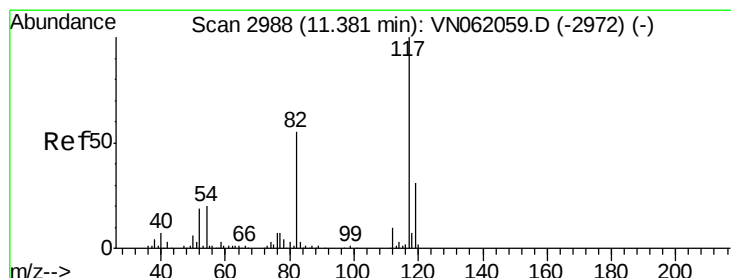
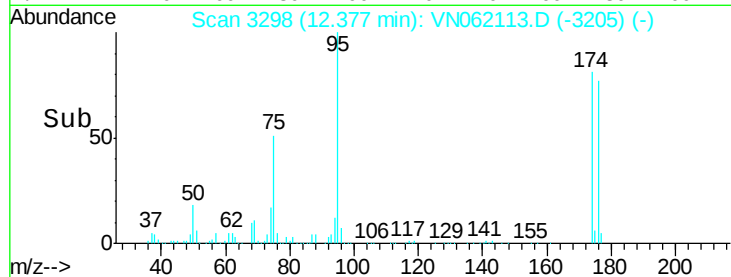
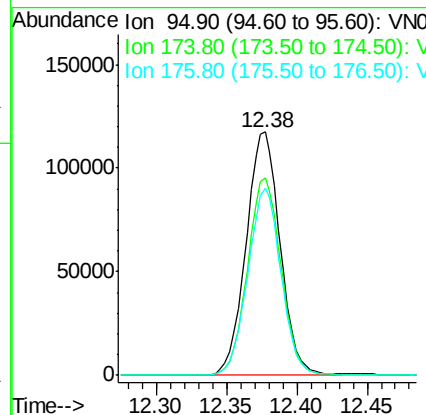
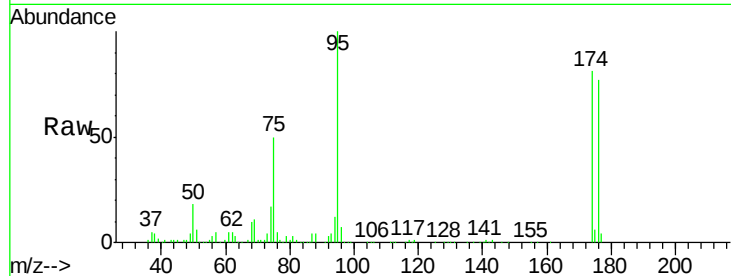
ClientSampled :

SB-C

Tot Ion:	95	Resp:	197964
Ion Ratio	Lower	Upper	
95	100		
174	80.5	0.0	154.8
176	75.7	0.0	147.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

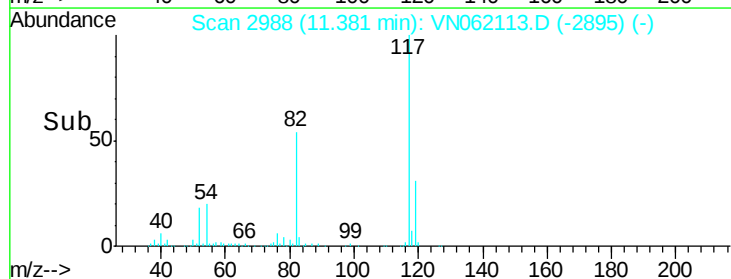
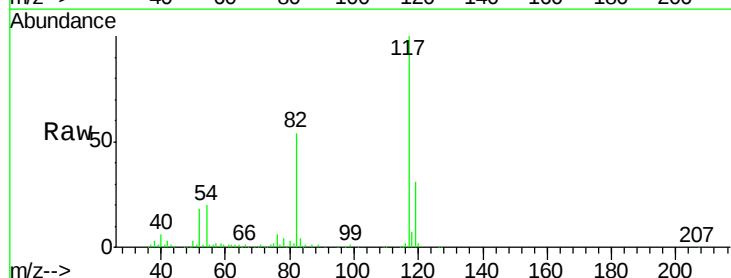
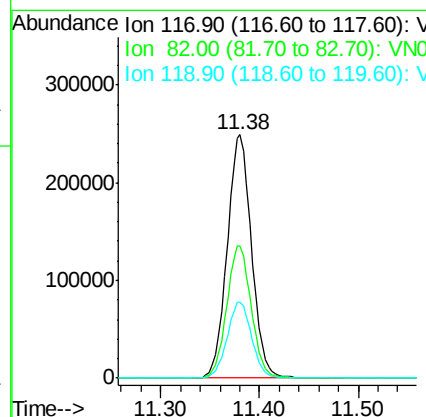
RT: 11.38 min Scan# 2988

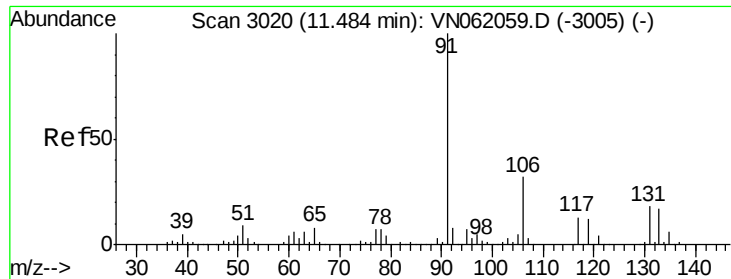
Delta R.T. -0.00 min

Lab File: VN062113.D

Acq: 25 Jun 2020 16:05

Tgt Ion:	117	Resp:	430196
Ion Ratio	Lower	Upper	
117	100		
82	54.3	43.8	65.8
119	31.3	25.2	37.8





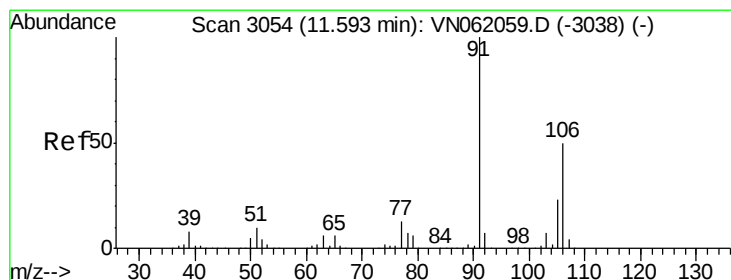
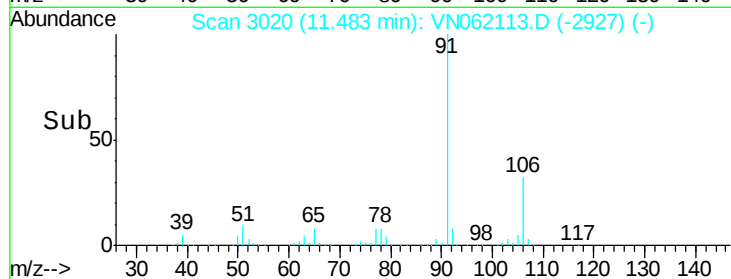
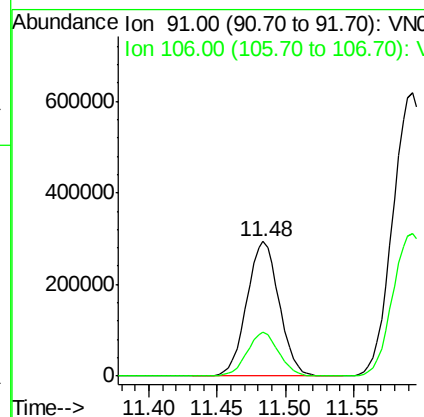
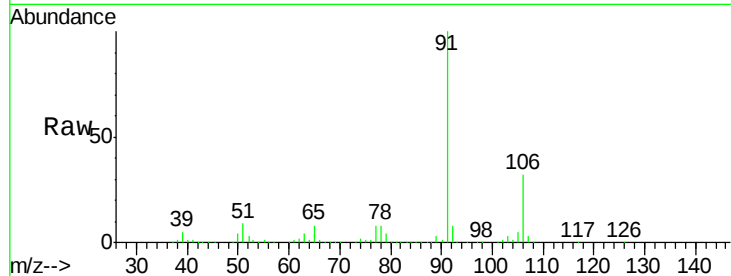
#67
Ethyl Benzene
Concen: 30.390 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Instrument :
MSVOA_N
ClientSampled :
SB-C

Tot Ion: 91 Resp: 484880
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9

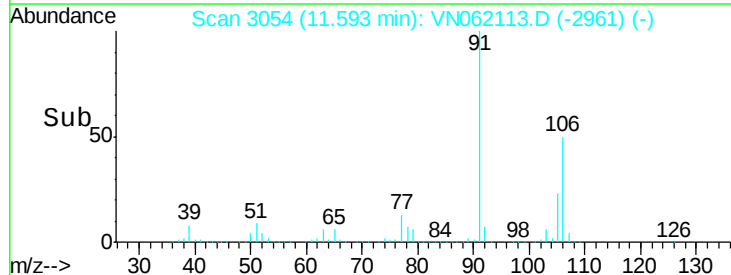
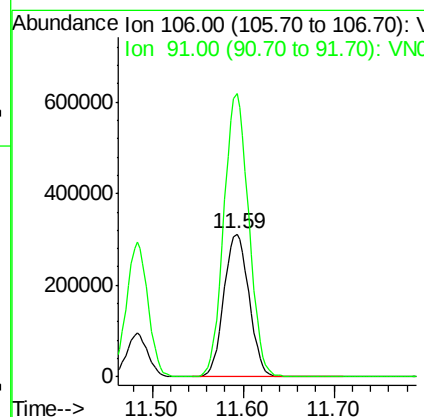
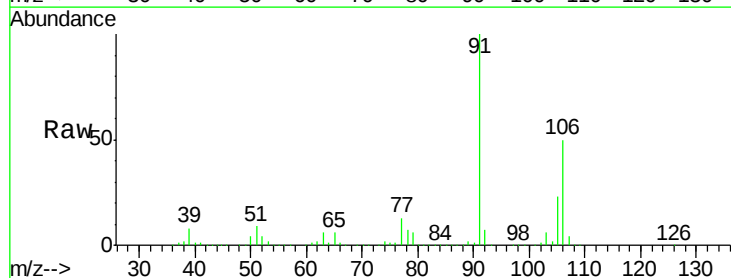
Manual Integrations
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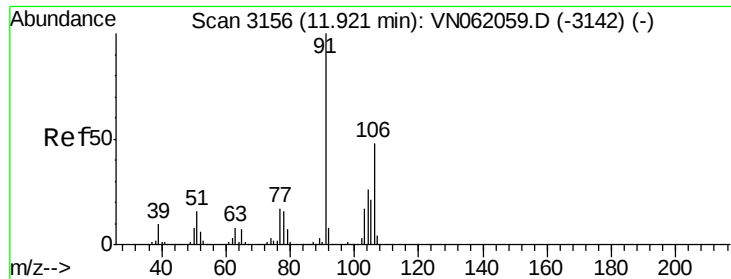
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#68
m/p-Xylenes
Concen: 97.252 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Tgt Ion: 106 Resp: 600158
Ion Ratio Lower Upper
106 100
91 195.6 157.8 236.8





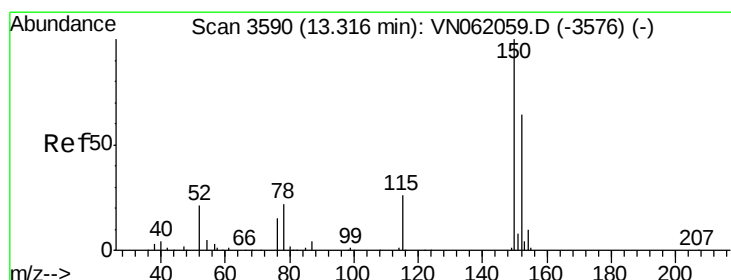
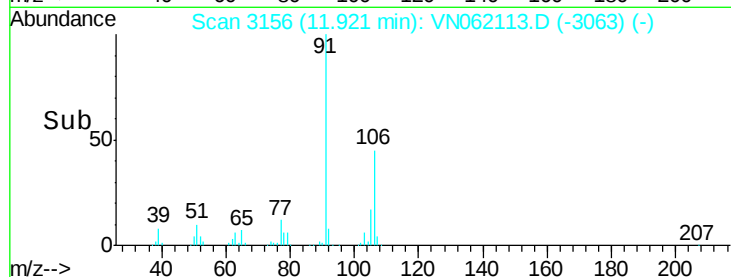
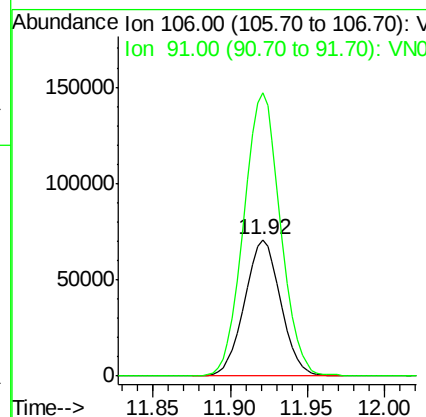
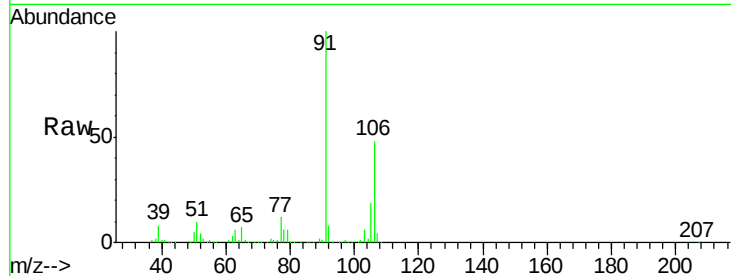
#69
o-Xylene
Concen: 19.794 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :
SB-C

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.8	104.0	311.9

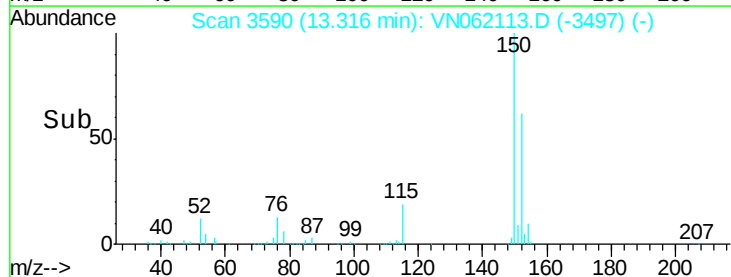
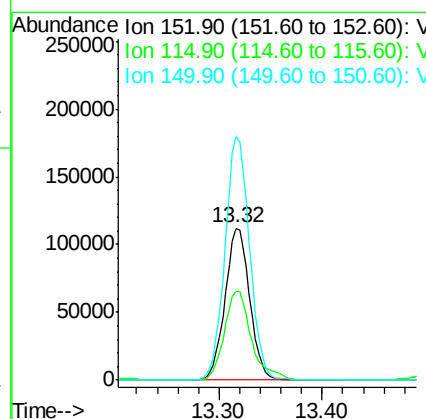
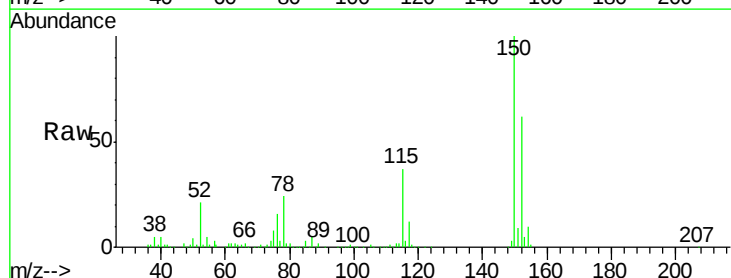
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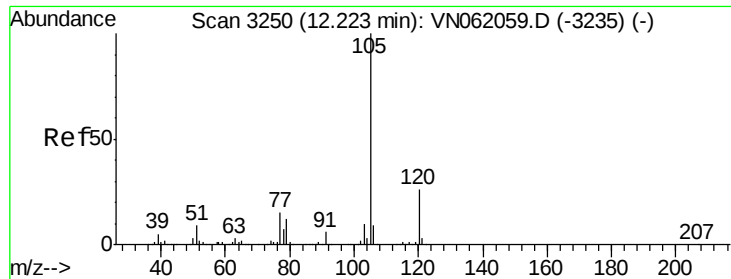
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	29.5	88.5
150	159.1	0.0	351.4





#73

Isopropylbenzene

Concen: 15.450 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062113.D

Acq: 25 Jun 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

SB-C

Tot Ion: 105 Resp: 223313

Ion Ratio Lower Upper

105 100

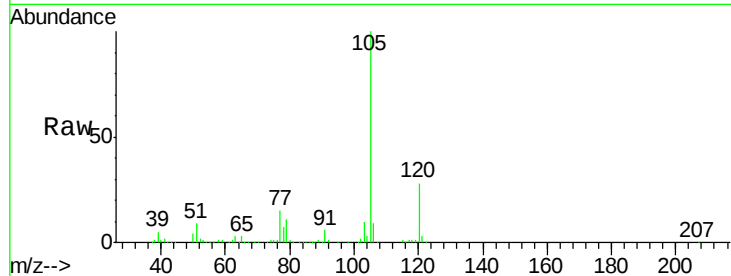
120 27.5 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

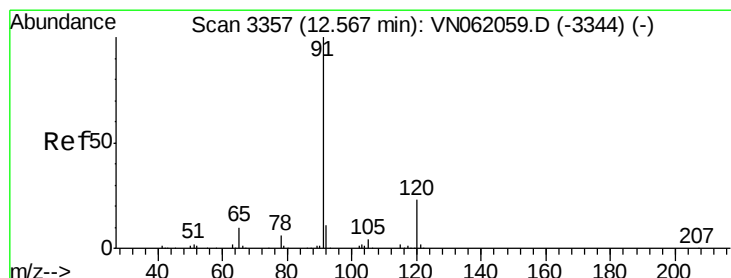
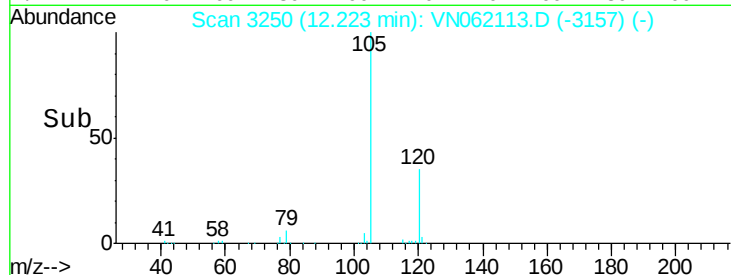
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 23.583 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062113.D

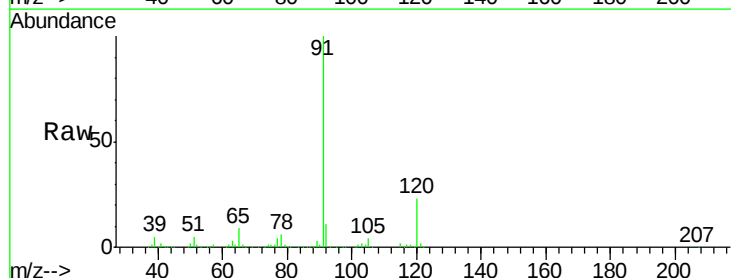
Acq: 25 Jun 2020 16:05

Tgt Ion: 91 Resp: 389917

Ion Ratio Lower Upper

91 100

120 23.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.57

250000

200000

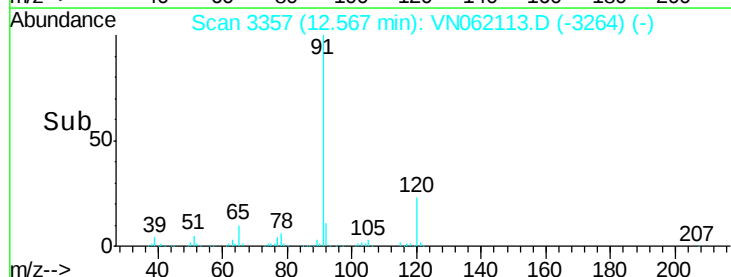
150000

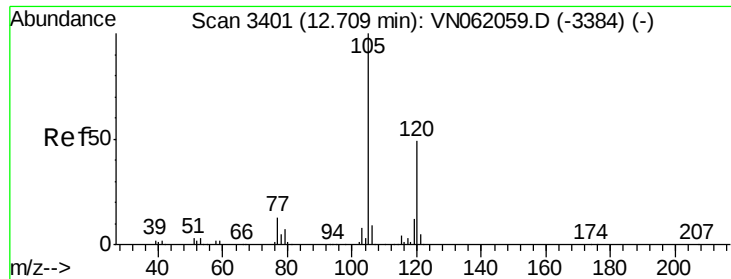
100000

50000

0

Time-->





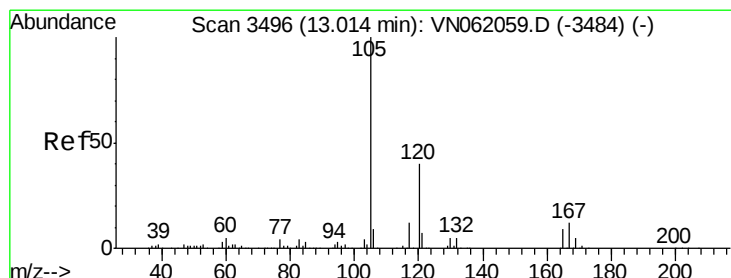
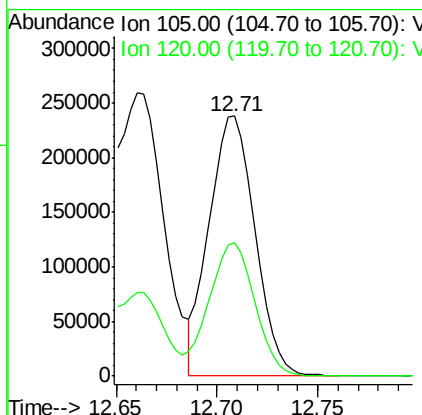
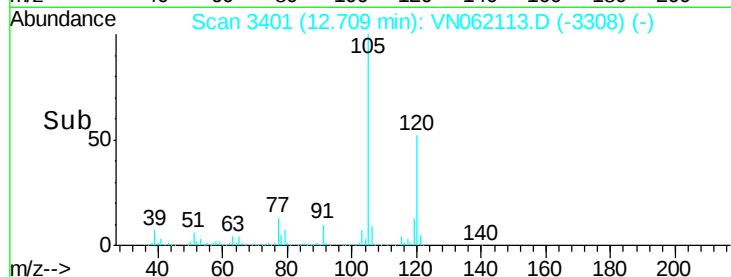
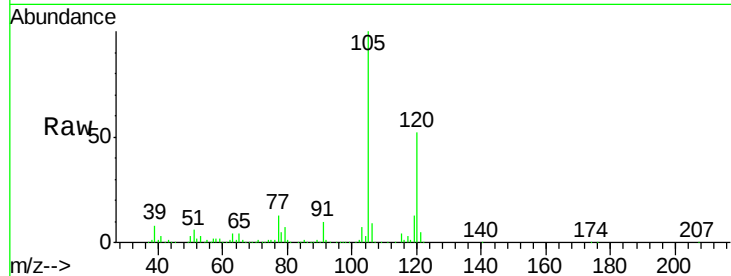
#80
 1,3,5-Trimethylbenzene
 Concen: 31.885 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062113.D
 Acq: 25 Jun 2020 16:05

Instrument :
 MSVOA_N
 ClientSampled :
 SB-C

Tot Ion:105 Resp: 373611
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.6 74.0

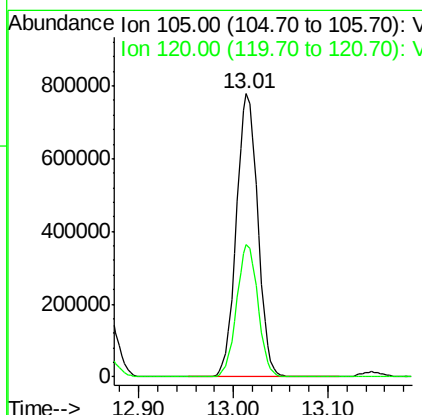
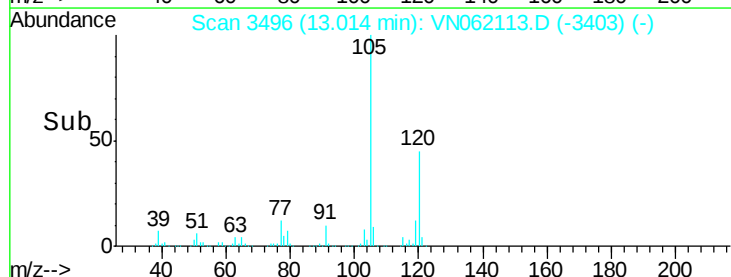
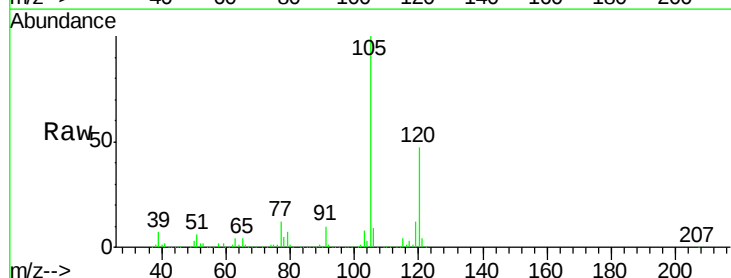
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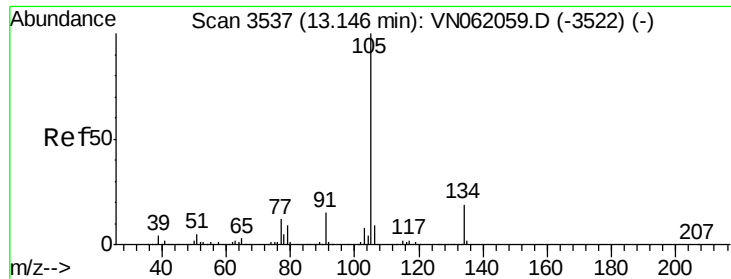
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#84
 1,2,4-Trimethylbenzene
 Concen: 104.451 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062113.D
 Acq: 25 Jun 2020 16:05

Tgt Ion:105 Resp: 1222360
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 1.805 ug/l m

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062113.D

Acq: 25 Jun 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

SB-C

Tot Ion:105 Resp: 23914

Ion Ratio Lower Upper

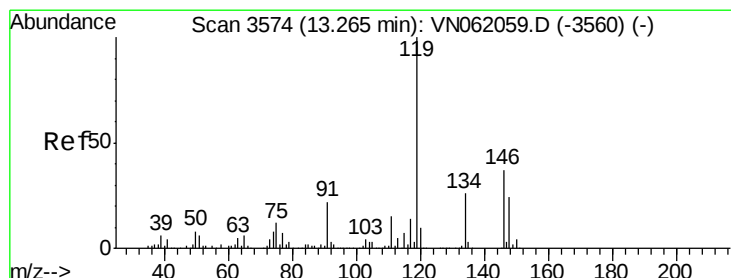
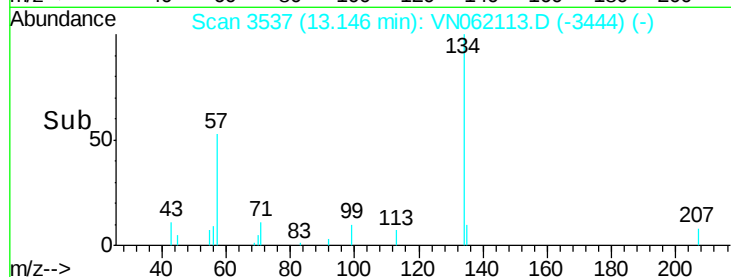
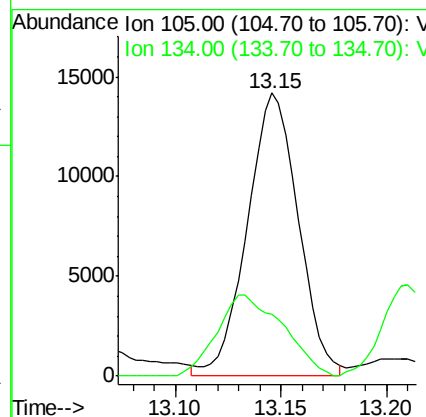
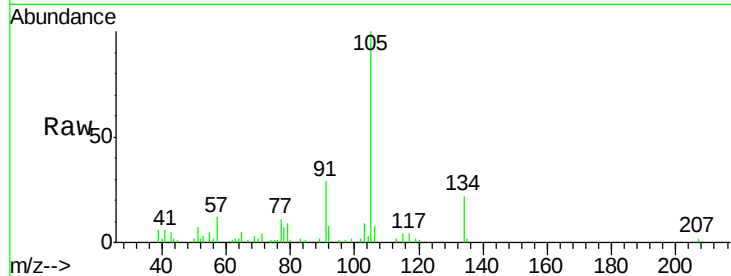
105 100

134 0.0 9.7 29.1#

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#86

p-Isopropyltoluene

Concen: 0.631 ug/l m

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062113.D

Acq: 25 Jun 2020 16:05

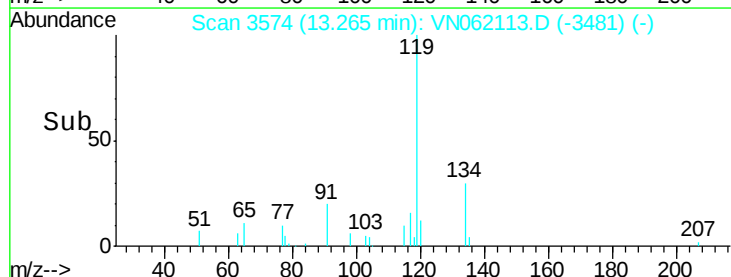
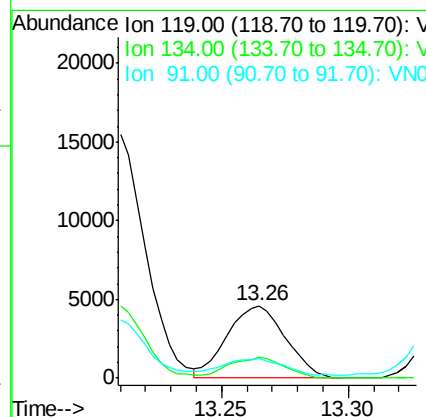
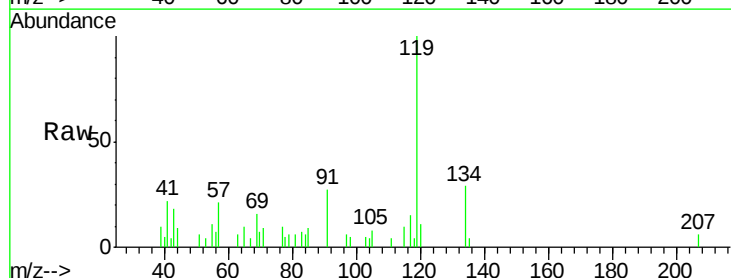
Tgt Ion:119 Resp: 7326

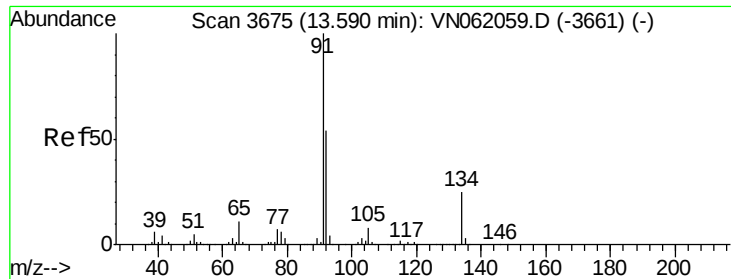
Ion Ratio Lower Upper

119 100

134 95.5 13.0 39.0#

91 77.2 11.3 33.8#





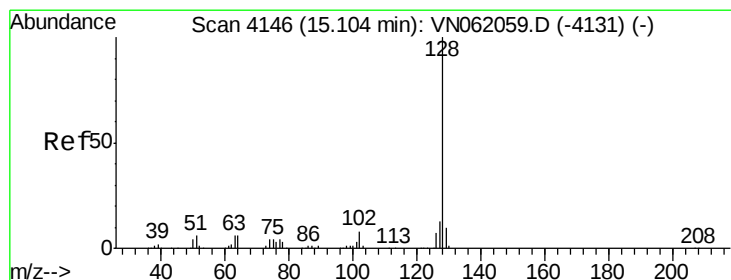
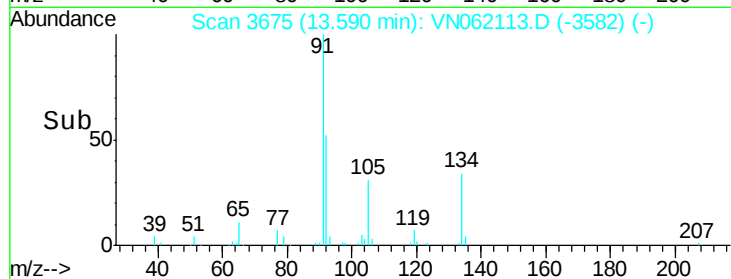
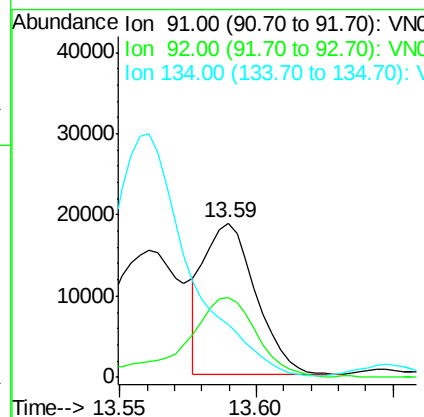
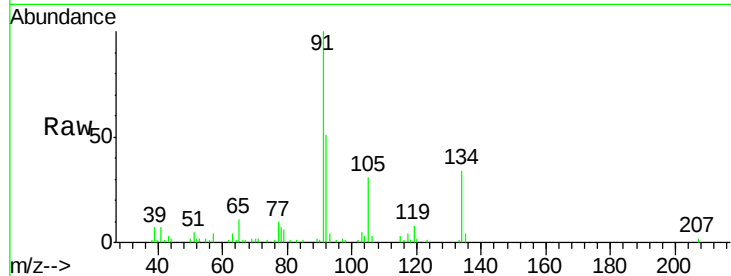
#89
n-Butylbenzene
Concen: 2.516 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Instrument :
MSVOA_N
ClientSampled :
SB-C

Tot Ion	Ratio	Lower	Upper
91	100		
92	74.3	26.6	79.7
134	0.0	12.3	36.9#

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#95
Naphthalene
Concen: 10.929 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062113.D
Acq: 25 Jun 2020 16:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.8	8.6	13.0

