

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062119.D
 Acq On : 25 Jun 2020 18:30
 Operator : JC/MD
 Sample : L3071-04DL 5X
 Misc : 10.62g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-BDL

Manual Integrations
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 6/26/2020 7:01:28 PM

Quant Time: Jun 26 06:48:01 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	7.62	168	260636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	476502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	470209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	168366	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	7.55	113	138679	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
50) Toluene-d8	10.06	98	615241	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.38	95	232517	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.60	56	137591	27.228	ug/l #	54
39) Methylcyclohexane	9.05	83	110995	21.151	ug/l #	65
40) Benzene	8.00	78	17438	1.195	ug/l	99
52) Toluene	10.12	92	85988	9.654	ug/l	100
67) Ethyl Benzene	11.48	91	885932	50.801	ug/l	99
68) m/p-Xylenes	11.60	106	424608	62.950	ug/l	100
69) o-Xylene	11.92	106	27891	4.383	ug/l	94
73) Isopropylbenzene	12.22	105	487718	27.461	ug/l	99
78) n-propylbenzene	12.56	91	876556	43.148	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	476925	33.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	920061	63.986	ug/l	100
85) sec-Butylbenzene	13.15	105	72641	4.462	ug/l #	52
86) p-Isopropyltoluene	13.26	119	22114	1.550	ug/l	99
89) n-Butylbenzene	13.59	91	130895m	11.038	ug/l	
95) Naphthalene	15.10	128	170497	18.340	ug/l	97

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

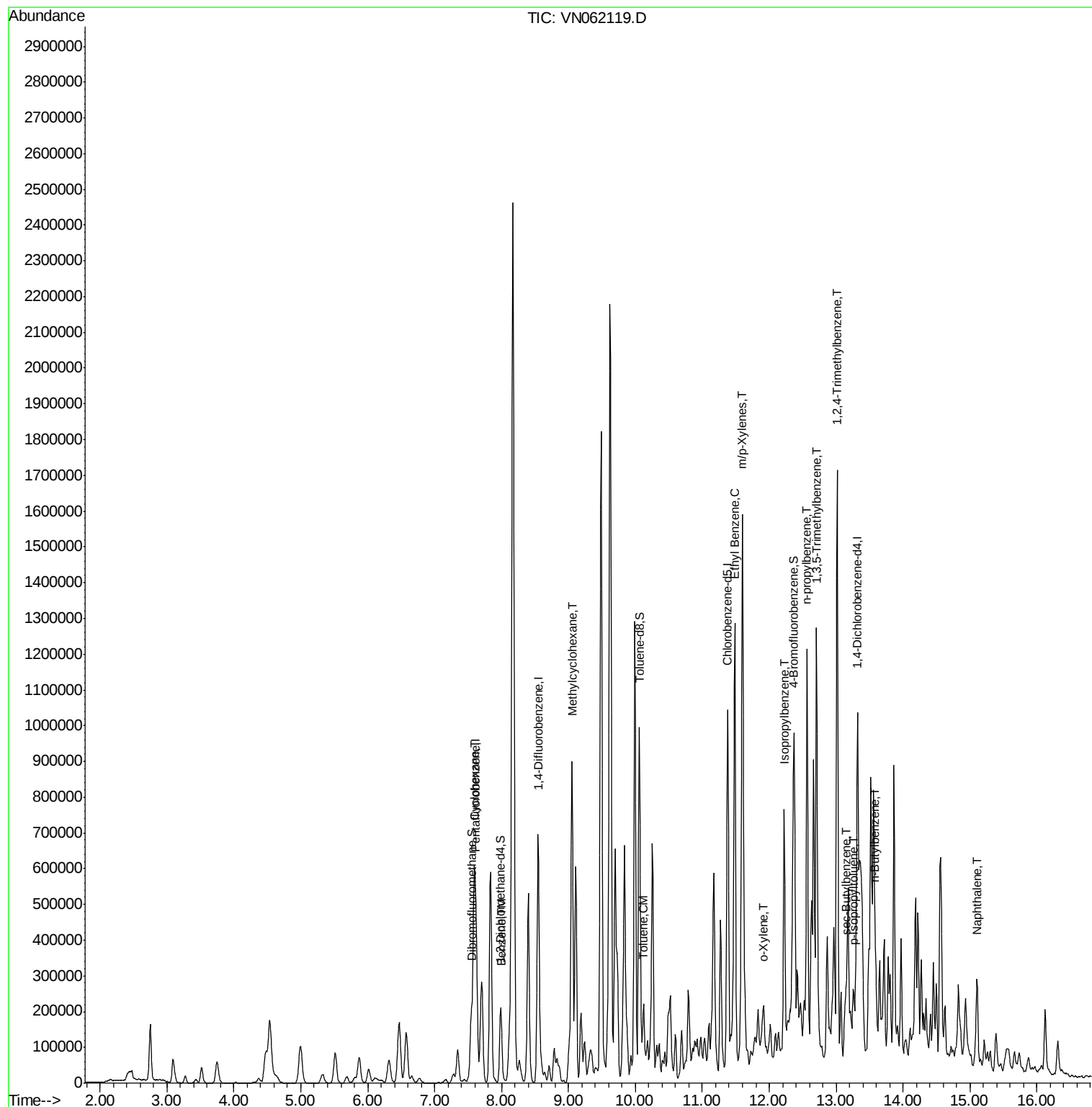
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062520\
Data File : VN062119.D
Acq On : 25 Jun 2020 18:30
Operator : JC/MD
Sample : L3071-04DL 5X
Misc : 10.62g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

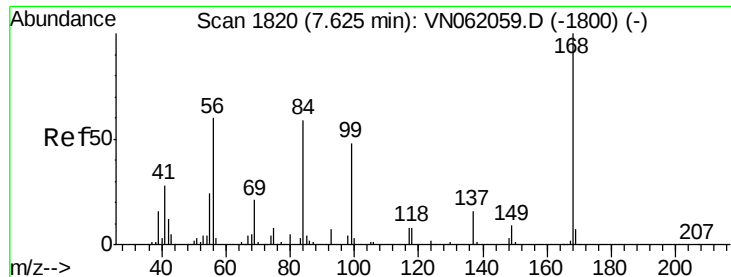
Instrument :
MSVOA_N
ClientSampleId :
SB-BDL

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6/26/2020 7:01:28 PM

Quant Time: Jun 26 06:48:01 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: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062119.D

Acq: 25 Jun 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

SB-BDL

Tot Ion:168 Resp: 260636

Ion Ratio Lower Upper

168 100

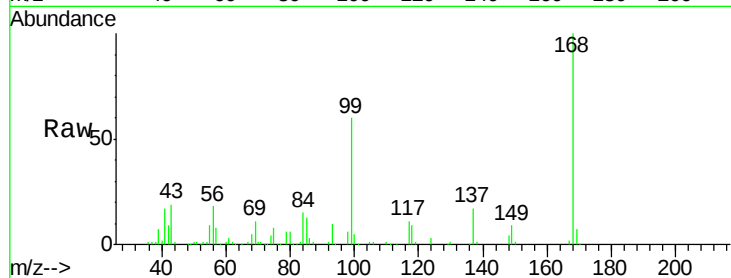
99 59.5 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN062119.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062119.D (-1727) (-)

7.62

120000

100000

80000

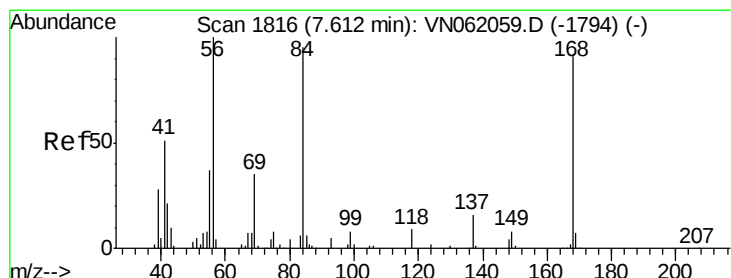
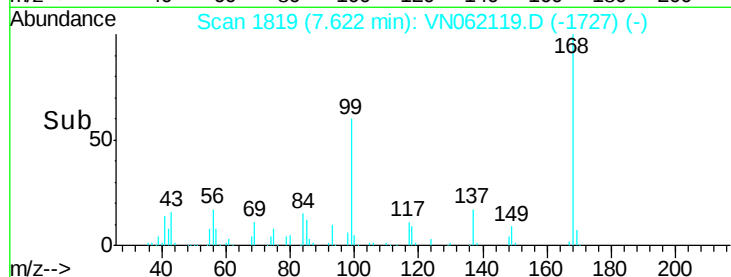
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#31

Cyclohexane

Concen: 27.228 ug/l

RT: 7.60 min Scan# 1811

Delta R.T. -0.02 min

Lab File: VN062119.D

Acq: 25 Jun 2020 18:30

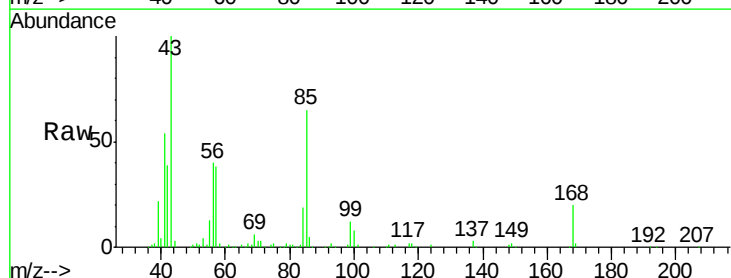
Tgt Ion: 56 Resp: 137591

Ion Ratio Lower Upper

56 100

69 11.6 28.0 42.0#

84 48.2 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062119.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062119.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062119.D (-1723) (-)

7.60

80000

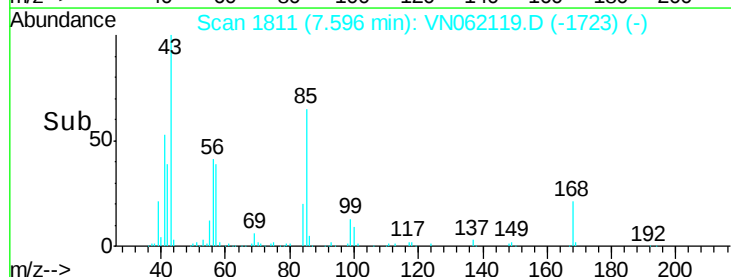
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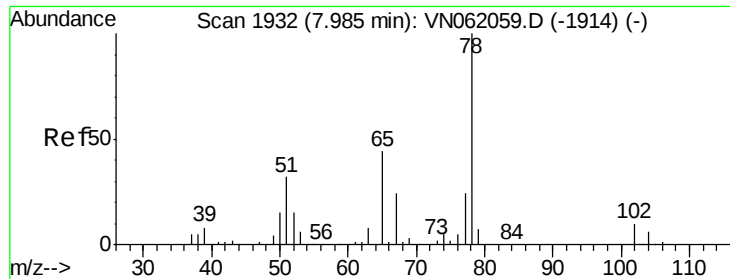
40000

20000

0

Time--> 7.50 7.55 7.60 7.65





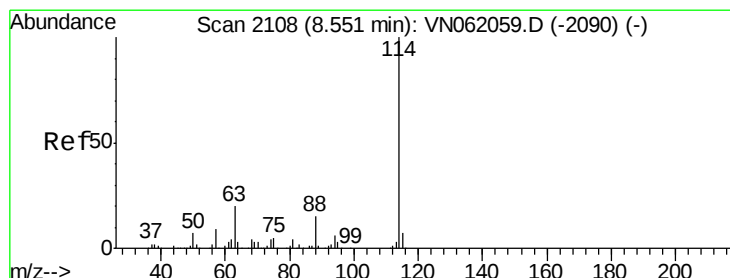
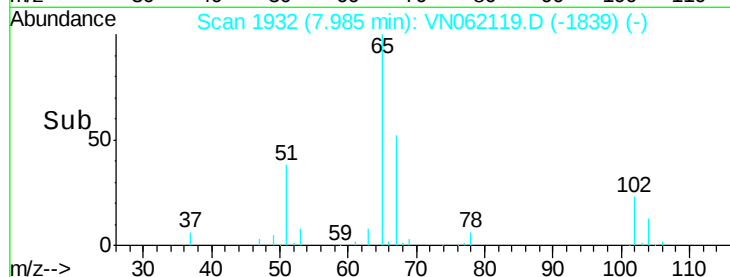
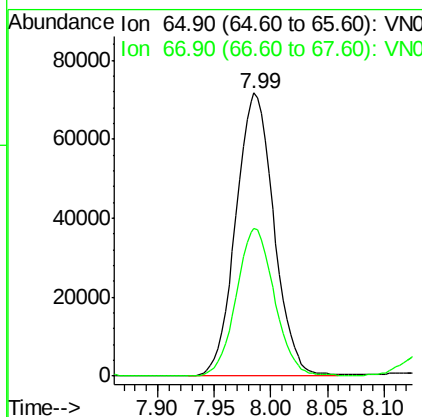
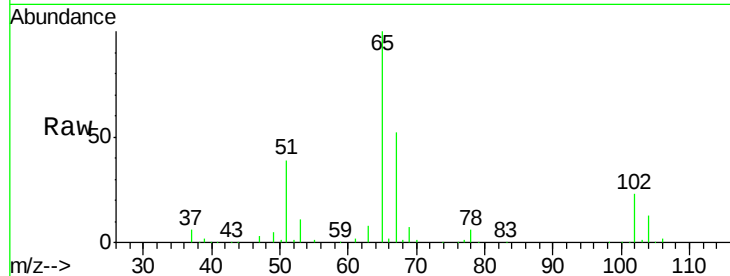
#33
 1,2-Dichloroethane-d4
 Concen: 46.032 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062119.D
 Acq: 25 Jun 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-BDL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168366		
67	52.2	0.0	106.2	

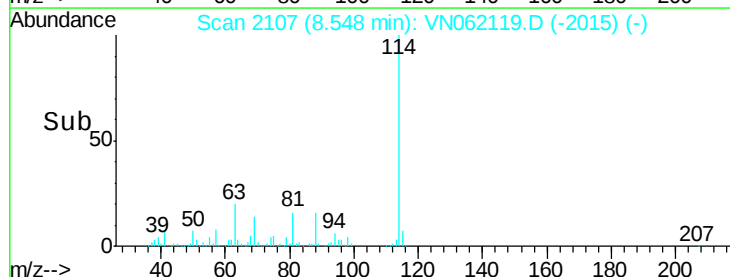
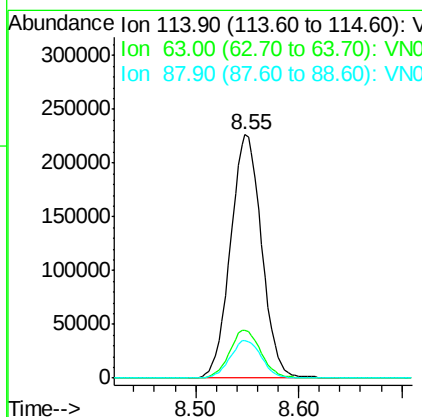
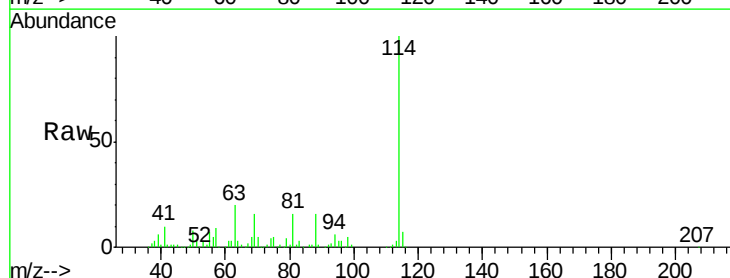
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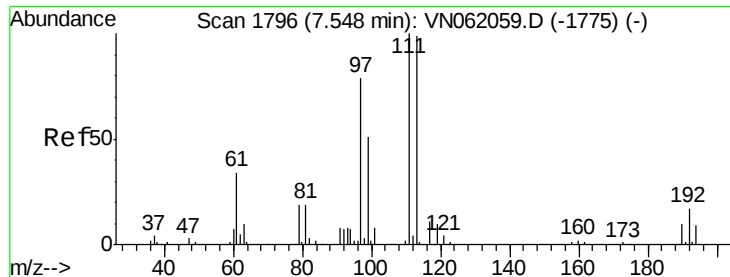
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062119.D
 Acq: 25 Jun 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	476502		
63	19.9	0.0	39.2	
88	15.6	0.0	30.8	





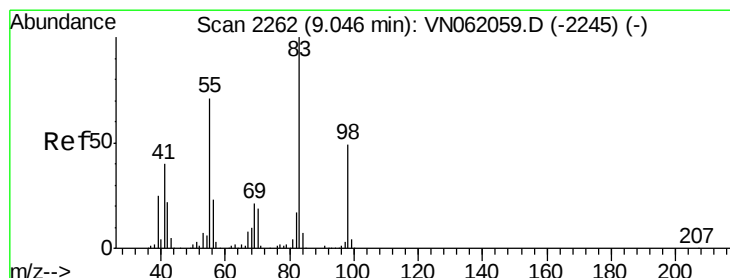
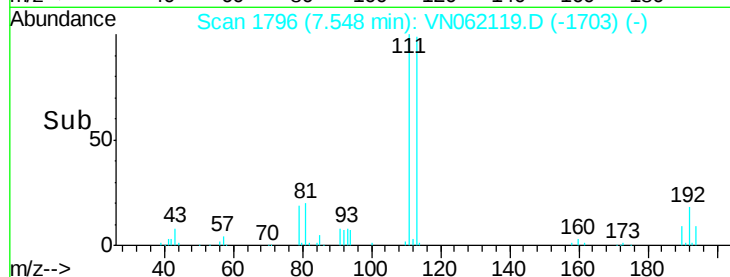
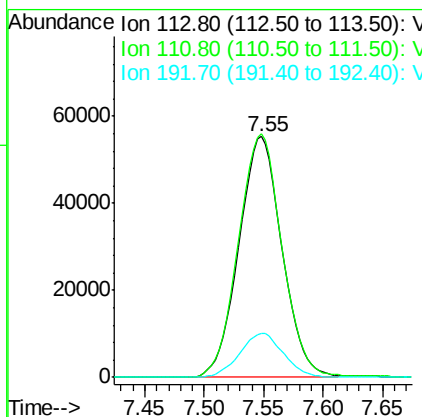
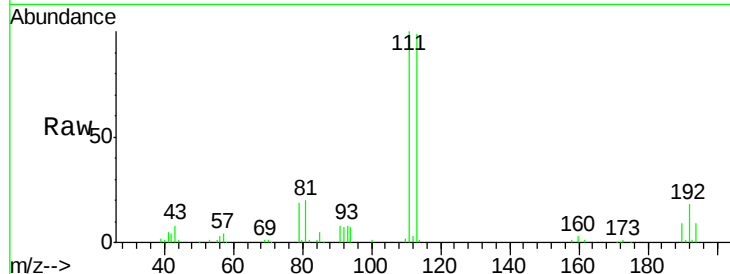
#35
 Dibromofluoromethane
 Concen: 45.365 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062119.D
 Acq: 25 Jun 2020 18:30

Instrument :
 MSVOA_N
 ClientSampled :
 SB-BDL

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	82.2	123.4	
192	18.4	14.0	21.0	

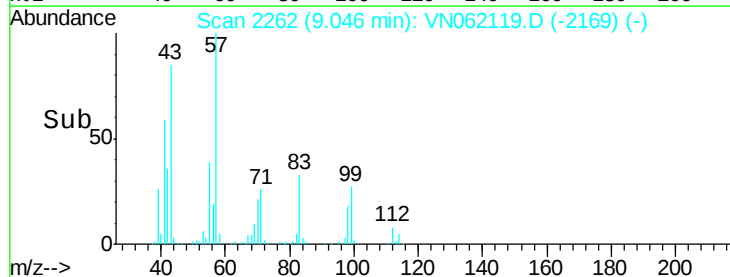
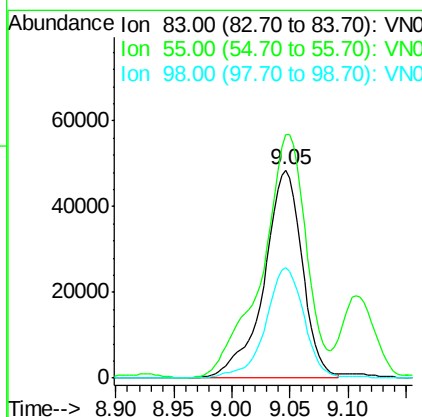
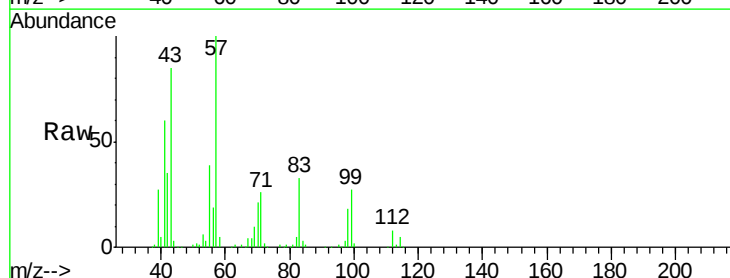
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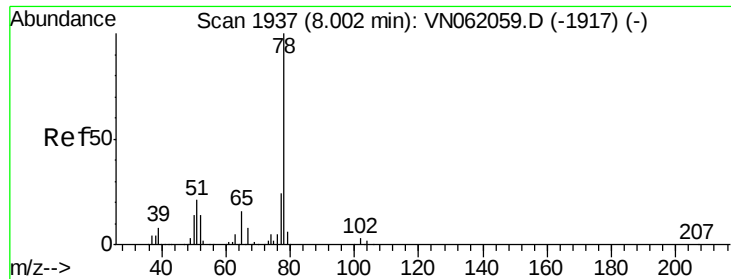
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#39
 Methylcyclohexane
 Concen: 21.151 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN062119.D
 Acq: 25 Jun 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	117.0	57.0	85.6#	
98	53.1	39.0	58.6	





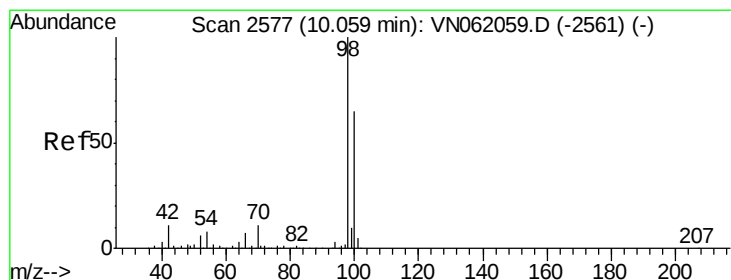
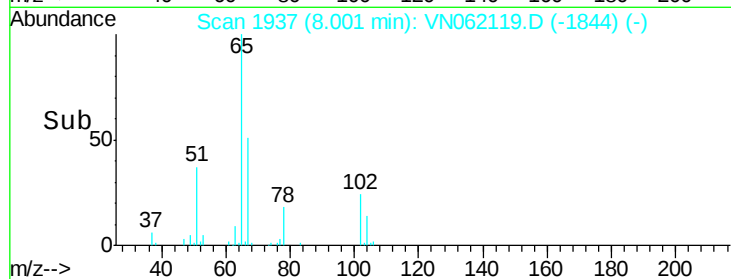
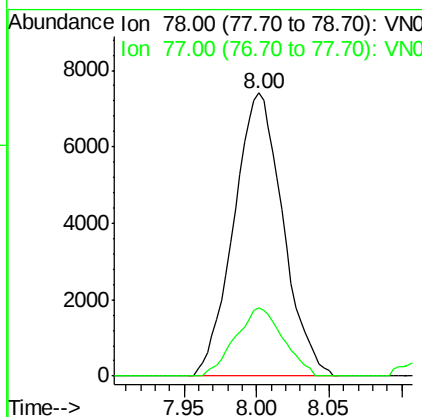
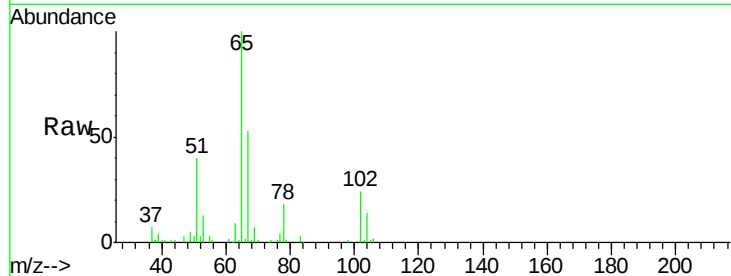
#40
Benzene
Concen: 1.195 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Instrument :
MSVOA_N
ClientSampled :
SB-BDL

Tot Ion	Ion	Ratio	Lower	Upper
78	100			
77	24.0	19.5	29.3	

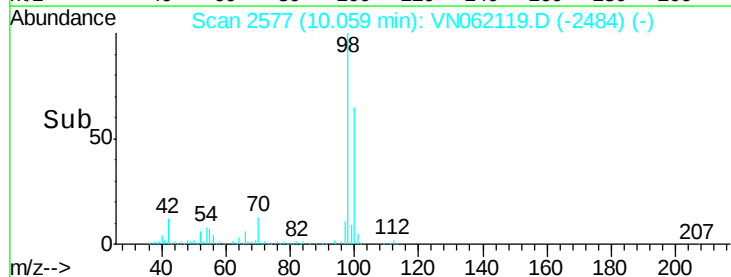
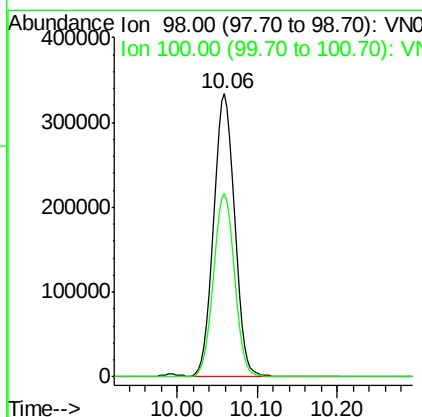
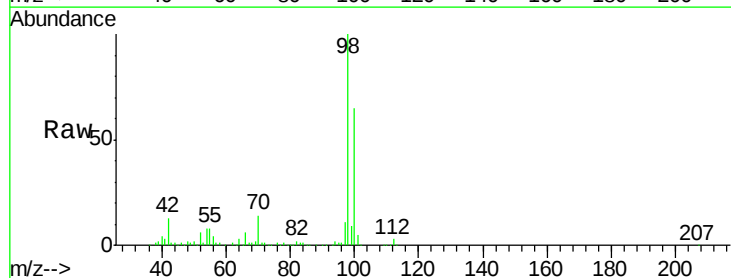
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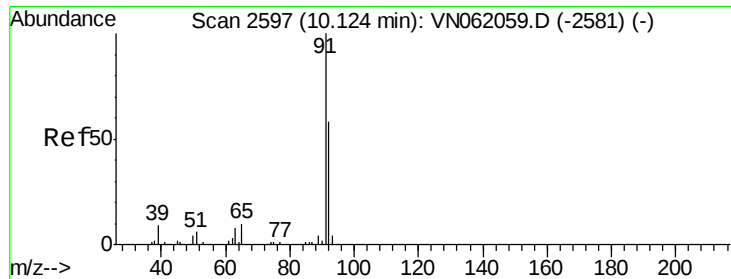
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#50
Toluene-d8
Concen: 50.348 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
98	100			
100	64.8	51.2	76.8	





#52

Toluene

Concen: 9.654 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062119.D

Acq: 25 Jun 2020 18:30

Instrument :

MSVOA_N

ClientSampled :

SB-BDL

Tot Ion: 92 Resp: 85988

Ion Ratio Lower Upper

92 100

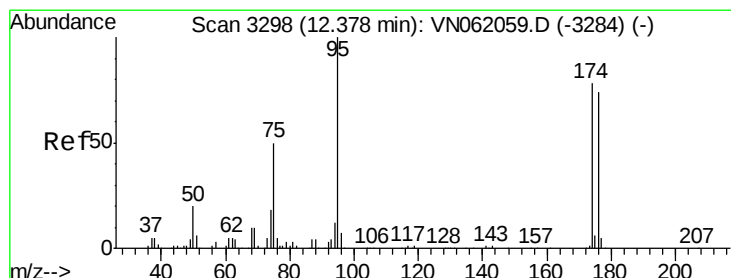
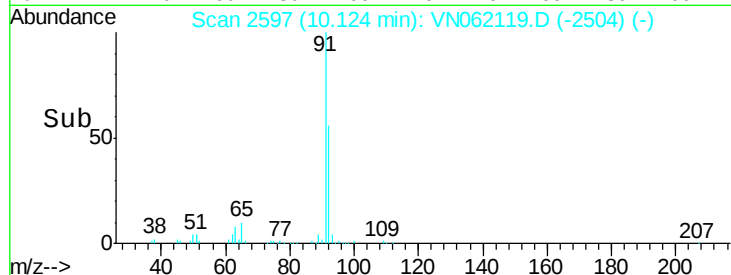
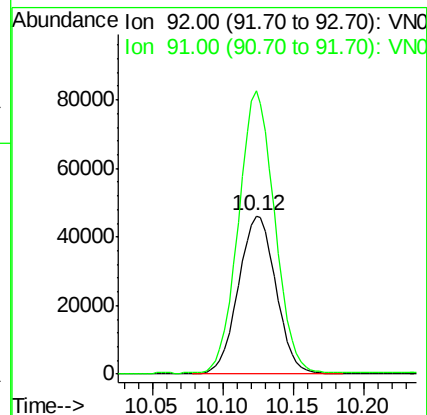
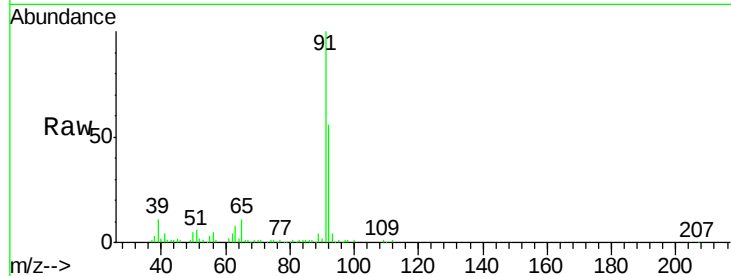
91 171.3 137.4 206.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 56.319 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062119.D

Acq: 25 Jun 2020 18:30

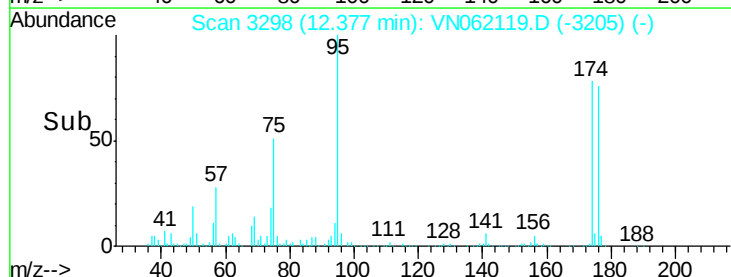
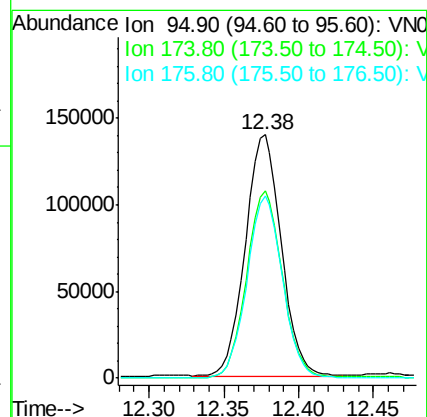
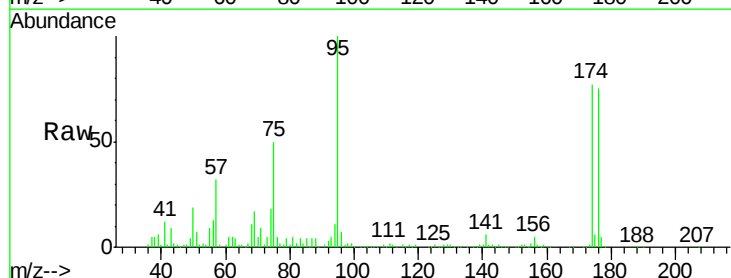
Tgt Ion: 95 Resp: 232517

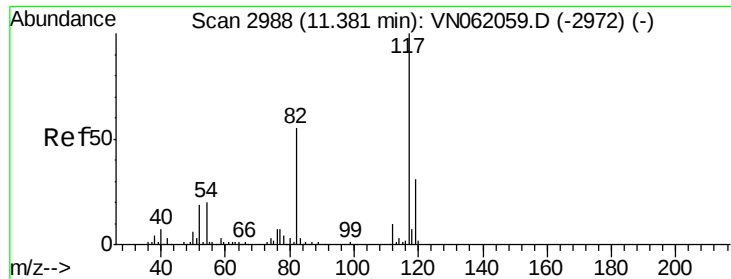
Ion Ratio Lower Upper

95 100

174 77.4 0.0 154.8

176 74.8 0.0 147.4





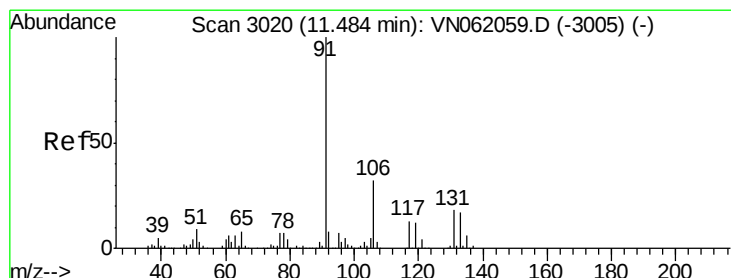
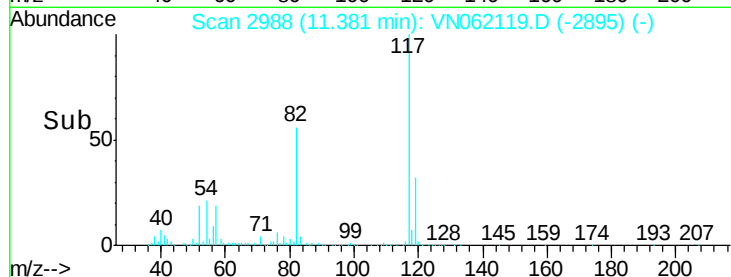
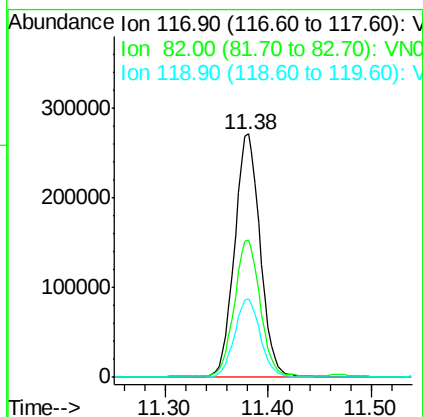
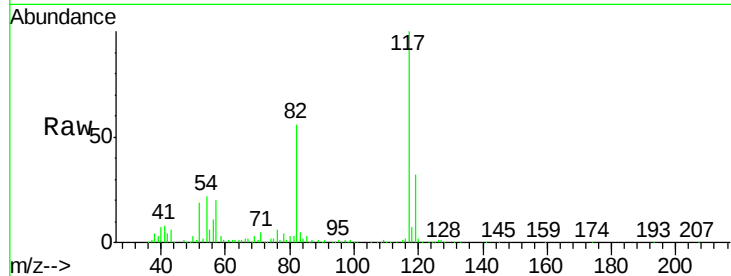
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Instrument :
MSVOA_N
ClientSampled :
SB-BDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.8	65.8
119	32.1	25.2	37.8

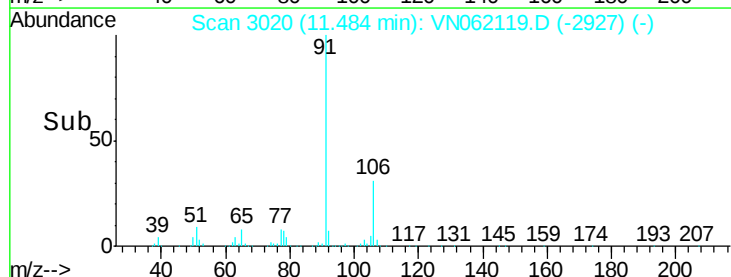
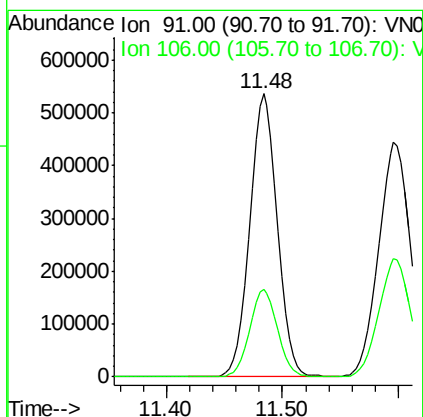
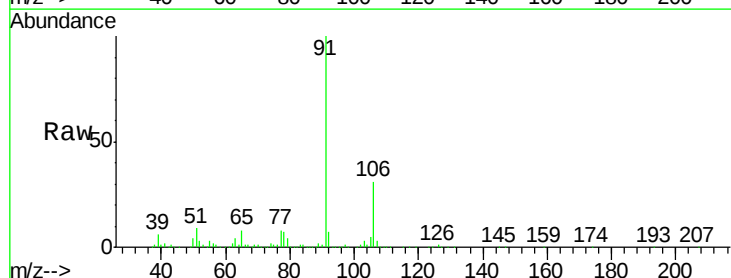
Manual Integrations
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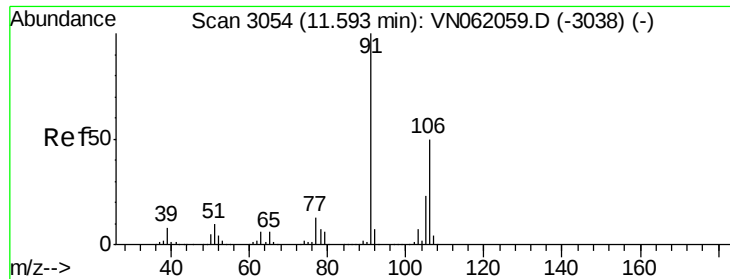
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#67
Ethyl Benzene
Concen: 50.801 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.3	37.9





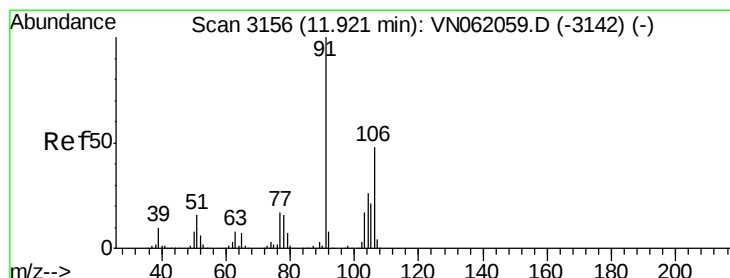
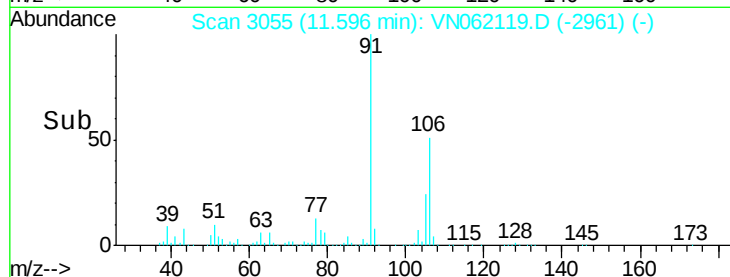
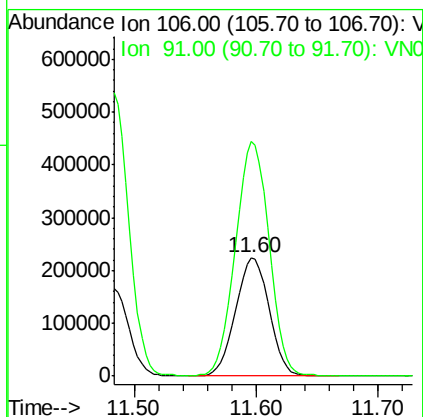
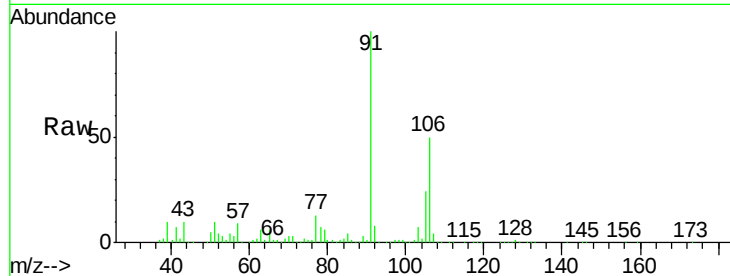
#68
m/p-Xylenes
Concen: 62.950 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Instrument :
MSVOA_N
ClientSampled :
SB-BDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	197.9	157.8	424608	236.8	

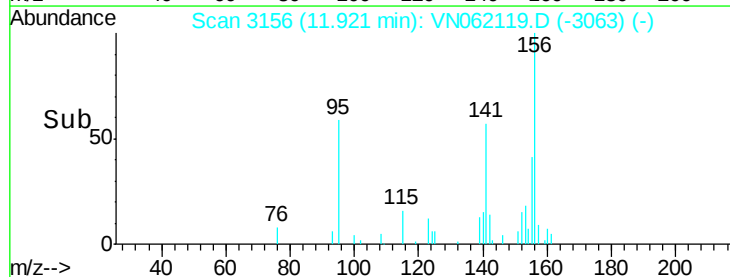
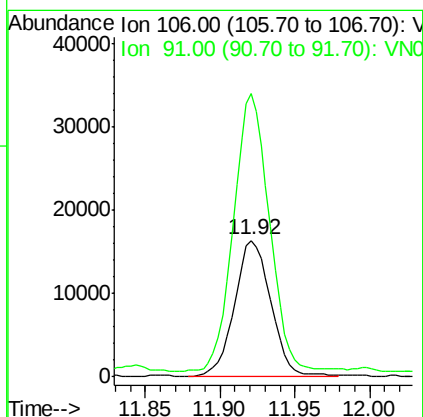
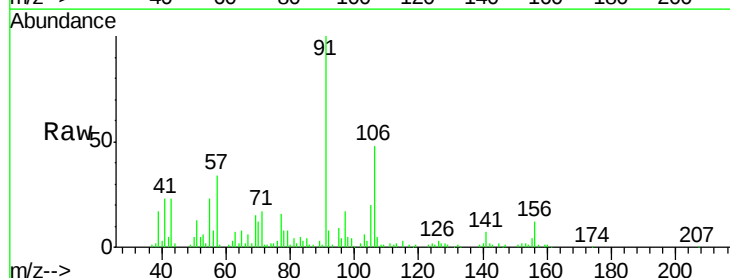
Manual Integrations
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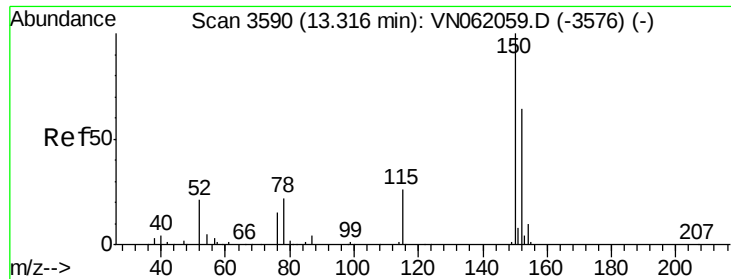
MMDadoda
6/26/2020 7:01:28 PM



#69
o-Xylene
Concen: 4.383 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	198.5	104.0	27891	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: VN062119.D

Acq: 25 Jun 2020 18:30

Instrument :

MSVOA_N

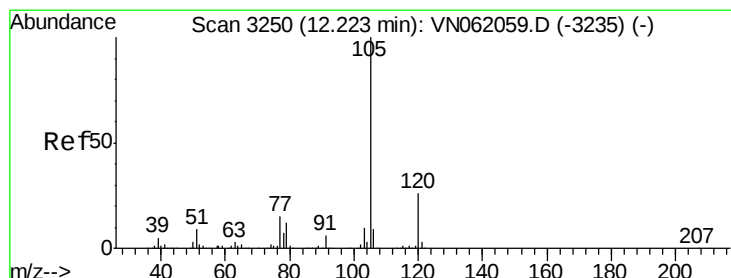
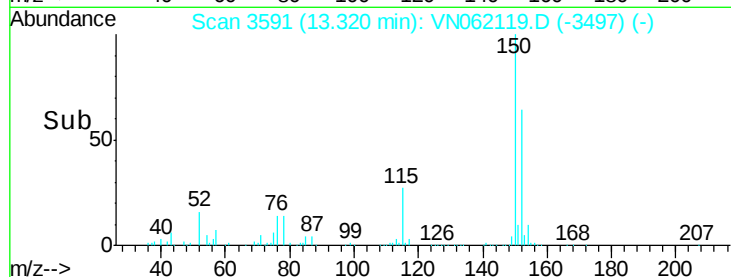
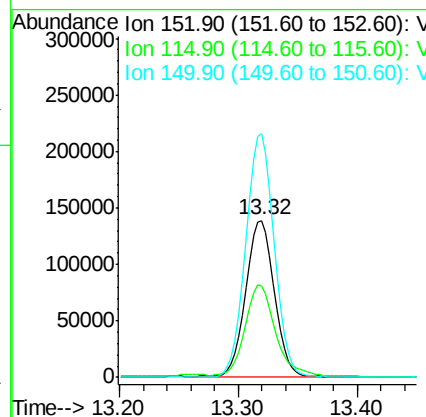
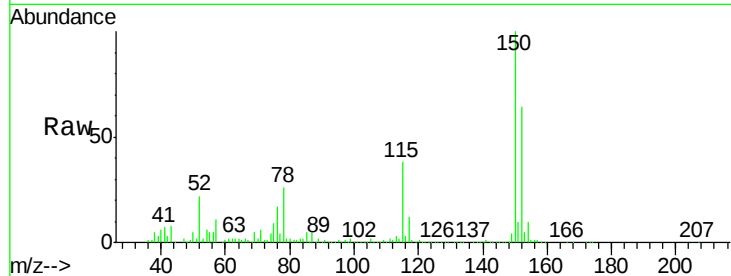
ClientSampled :

SB-BDL

Tot Ion	152	Resp	229435
Ion Ratio	Lower	Upper	
152	100		
115	63.0	29.5	88.5
150	156.1	0.0	351.4

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#73

Isopropylbenzene

Concen: 27.461 ug/l

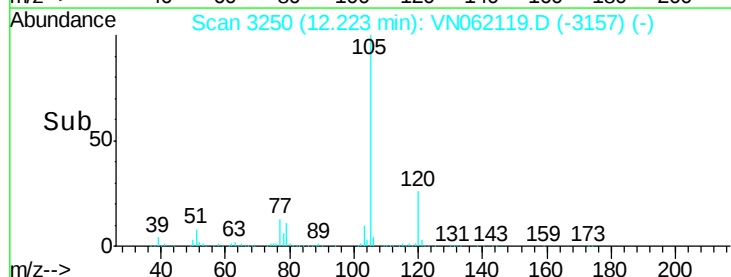
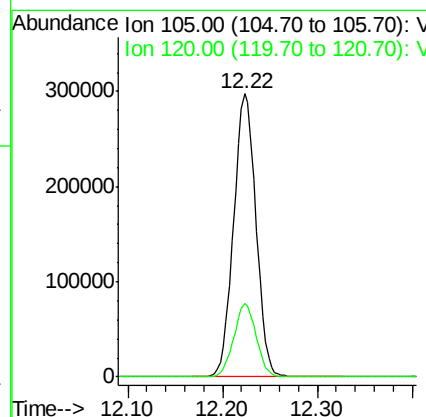
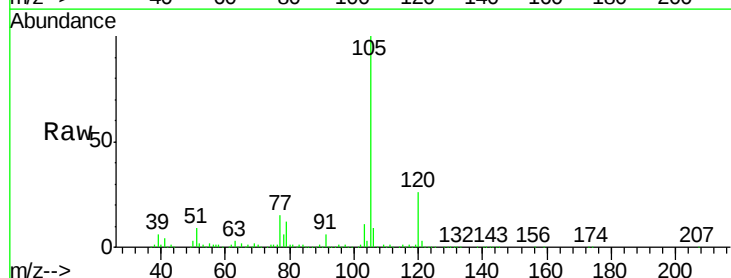
RT: 12.22 min Scan# 3250

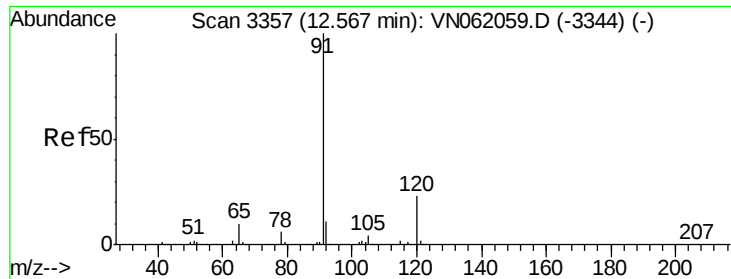
Delta R.T. -0.00 min

Lab File: VN062119.D

Acq: 25 Jun 2020 18:30

Tgt Ion	105	Resp	487718
Ion Ratio	Lower	Upper	
105	100		
120	25.9	13.2	39.6





#78

n-propylbenzene

Concen: 43.148 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062119.D

Acq: 25 Jun 2020 18:30

Instrument :

MSVOA_N

ClientSampled :

SB-BDL

Tot Ion: 91 Resp: 876556

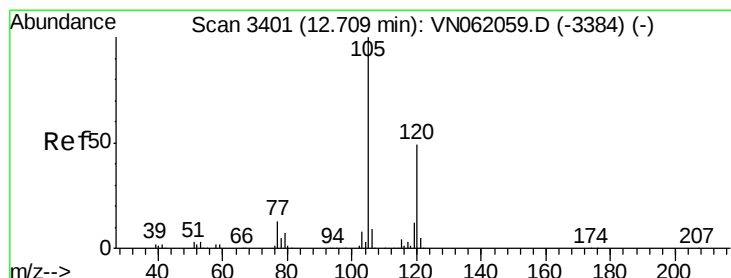
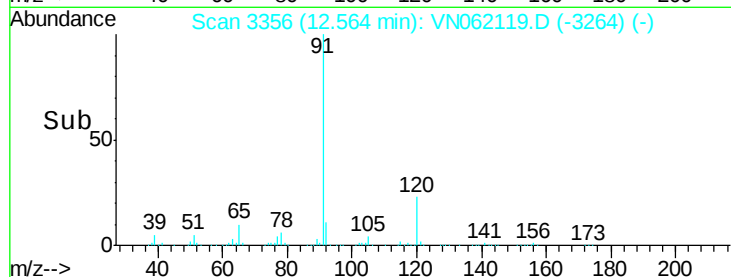
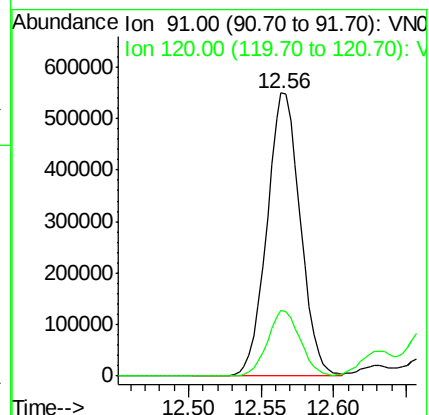
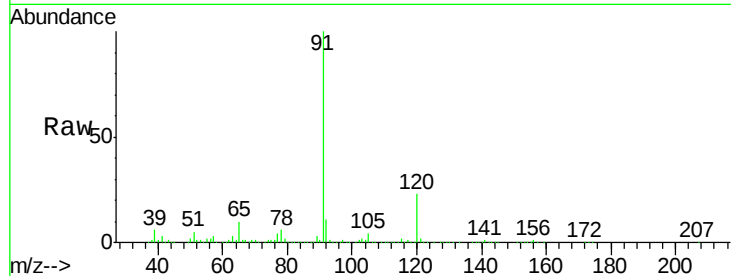
Ion Ratio Lower Upper

91 100

120 22.7 11.4 34.1

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#80

1,3,5-Trimethylbenzene

Concen: 33.126 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062119.D

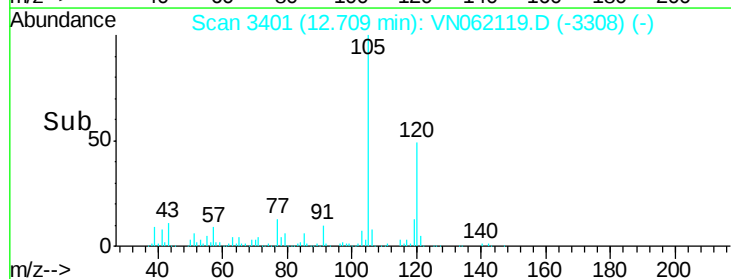
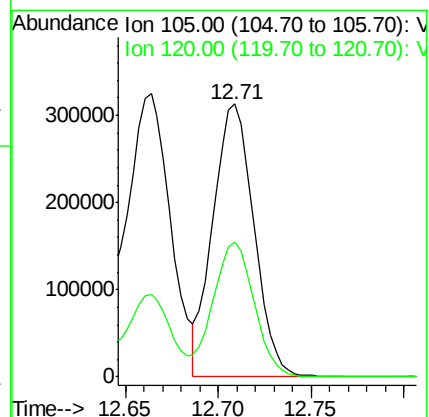
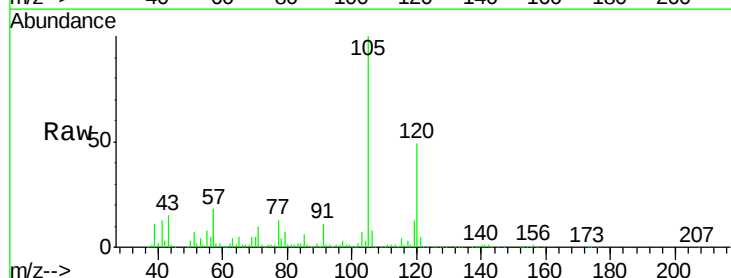
Acq: 25 Jun 2020 18:30

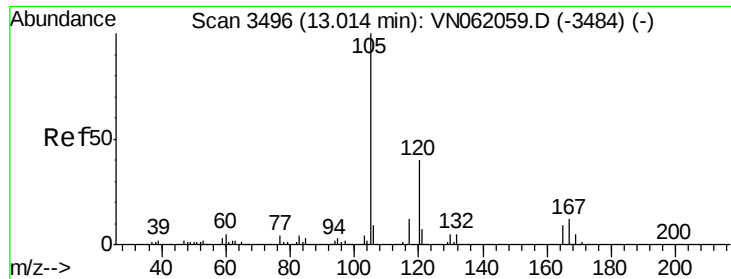
Tgt Ion: 105 Resp: 476925

Ion Ratio Lower Upper

105 100

120 50.3 24.6 74.0





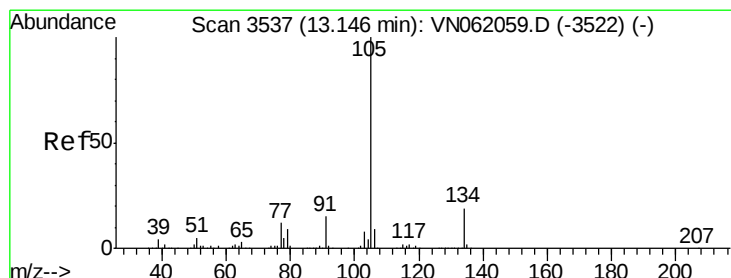
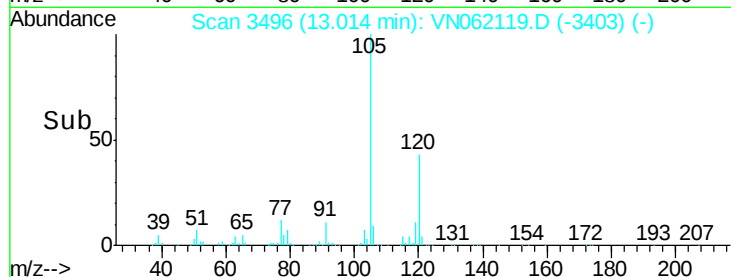
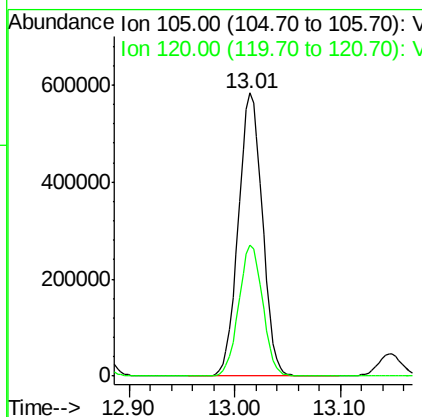
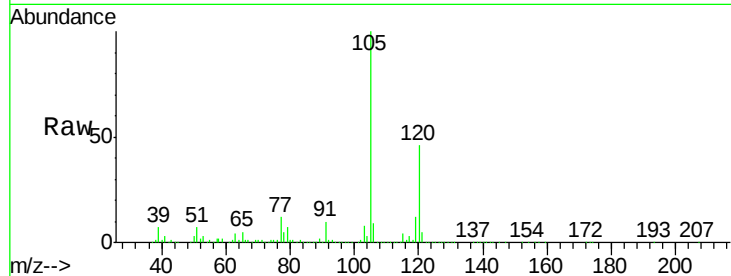
#84
 1,2,4-Trimethylbenzene
 Concen: 63.986 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062119.D
 Acq: 25 Jun 2020 18:30

Instrument :
 MSVOA_N
 ClientSampled :
 SB-BDL

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.2	69.5

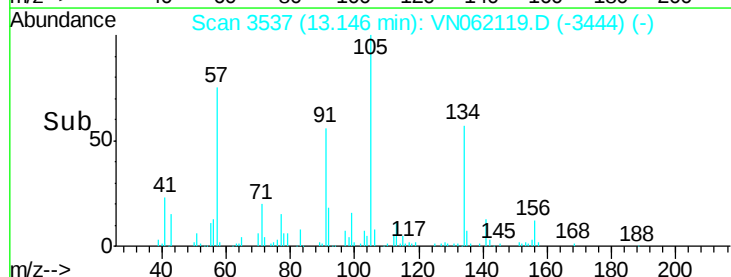
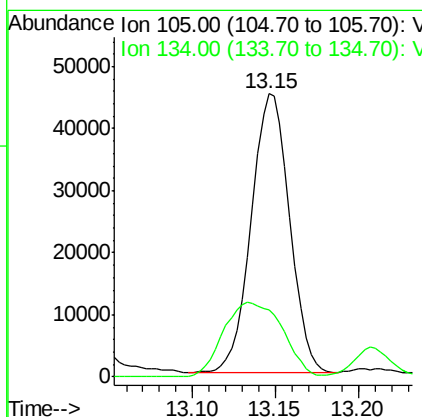
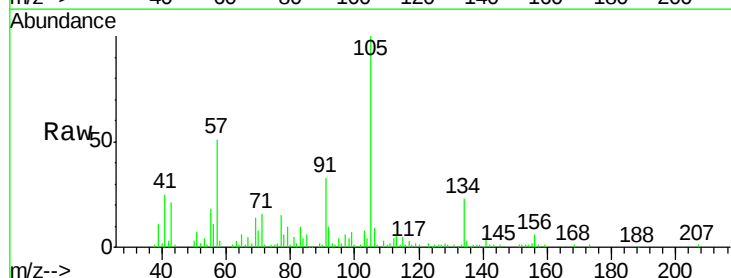
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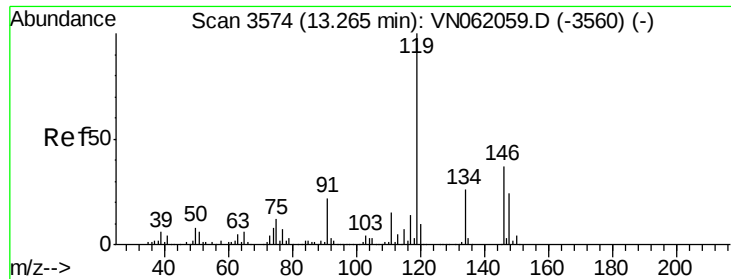
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#85
 sec-Butylbenzene
 Concen: 4.462 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062119.D
 Acq: 25 Jun 2020 18:30

Tgt Ion	Ratio	Lower	Upper
105	100		
134	41.0	9.7	29.1#





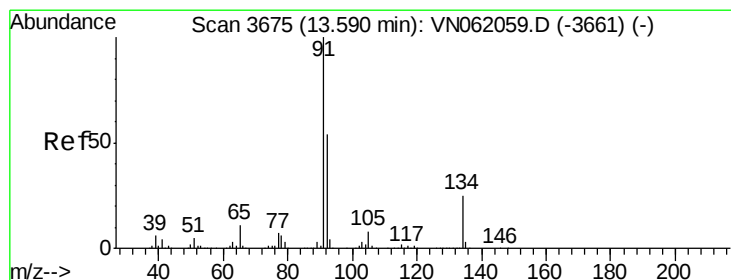
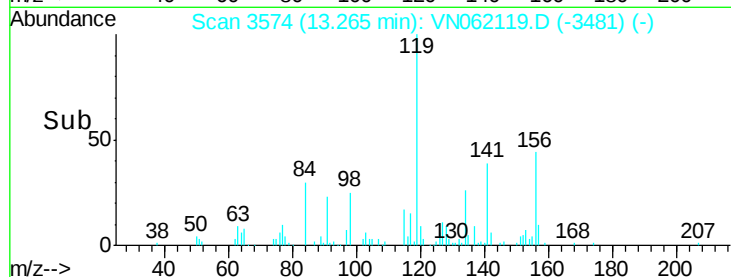
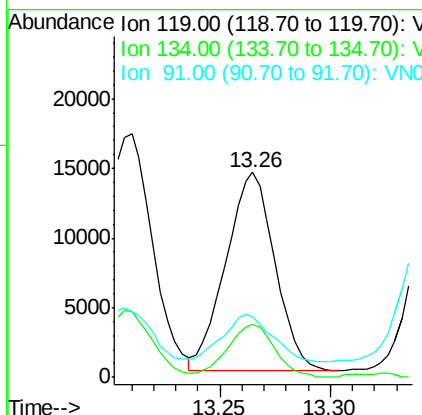
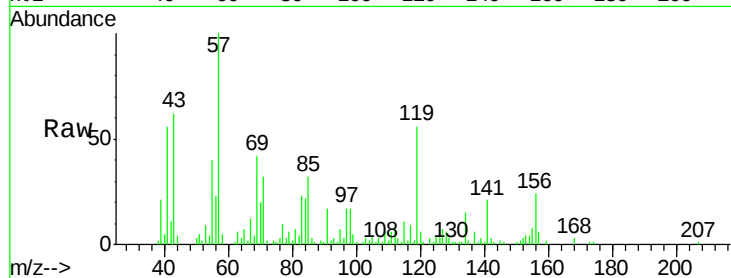
#86
p-Isopropyltoluene
Concen: 1.550 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. -0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Instrument :
MSVOA_N
ClientSampled :
SB-BDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	23.5	11.3	33.8

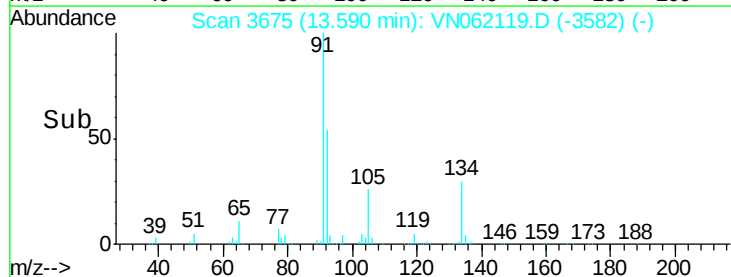
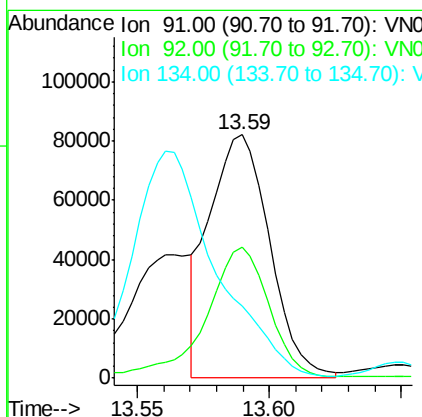
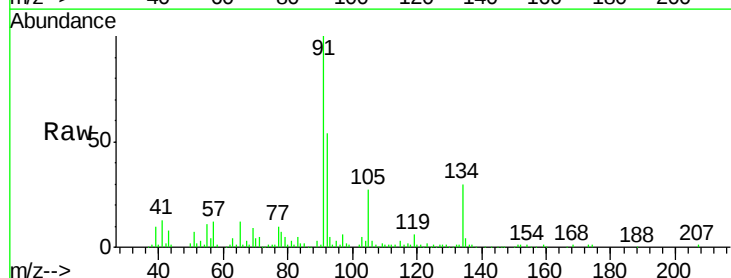
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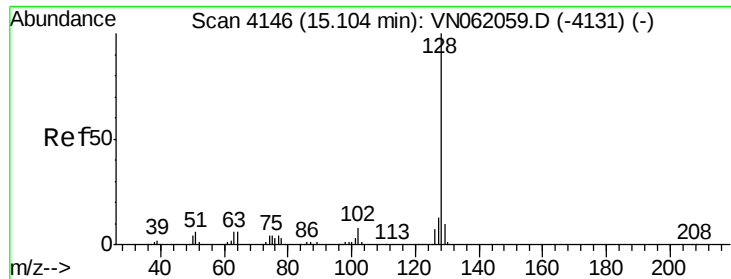
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#89
n-Butylbenzene
Concen: 11.038 ug/l m
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.6	79.7
134	0.0	12.3	36.9#





#95
Naphthalene
Concen: 18.340 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062119.D
Acq: 25 Jun 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
SB-BDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.5	15.7
129	11.4	8.6	13.0

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