

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064682.D
 Acq On : 17 Nov 2020 15:55
 Operator : JC/MD
 Sample : L4772-08DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111620DL

Manual Integrations
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 11/18/2020 5:15:47 PM

Quant Time: Nov 18 02:47:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	235903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	231277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	226725	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
35) Dibromofluoromethane	7.55	113	164127	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.06	98	616949	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.38	95	267793	57.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.73	59	3014m	6.651	ug/l	
39) Methylcyclohexane	9.04	83	5210	1.165	ug/l #	81
67) Ethyl Benzene	11.48	91	107208	5.411	ug/l	94
68) m/p-Xylenes	11.60	106	86968	12.104	ug/l	100
69) o-Xylene	11.92	106	10244	1.475	ug/l	80
73) Isopropylbenzene	12.22	105	307914	16.750	ug/l	100
78) n-propylbenzene	12.57	91	572362	27.310	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	122659	8.088	ug/l	96
83) tert-Butylbenzene	12.96	119	31432	2.654	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	2291993	150.343	ug/l	100
85) sec-Butylbenzene	13.14	105	162419	10.828	ug/l #	77
86) p-Isopropyltoluene	13.26	119	75301	5.581	ug/l	99
89) n-Butylbenzene	13.59	91	91460	7.884	ug/l #	78
95) Naphthalene	15.11	128	6644	4.109	ug/l #	88

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

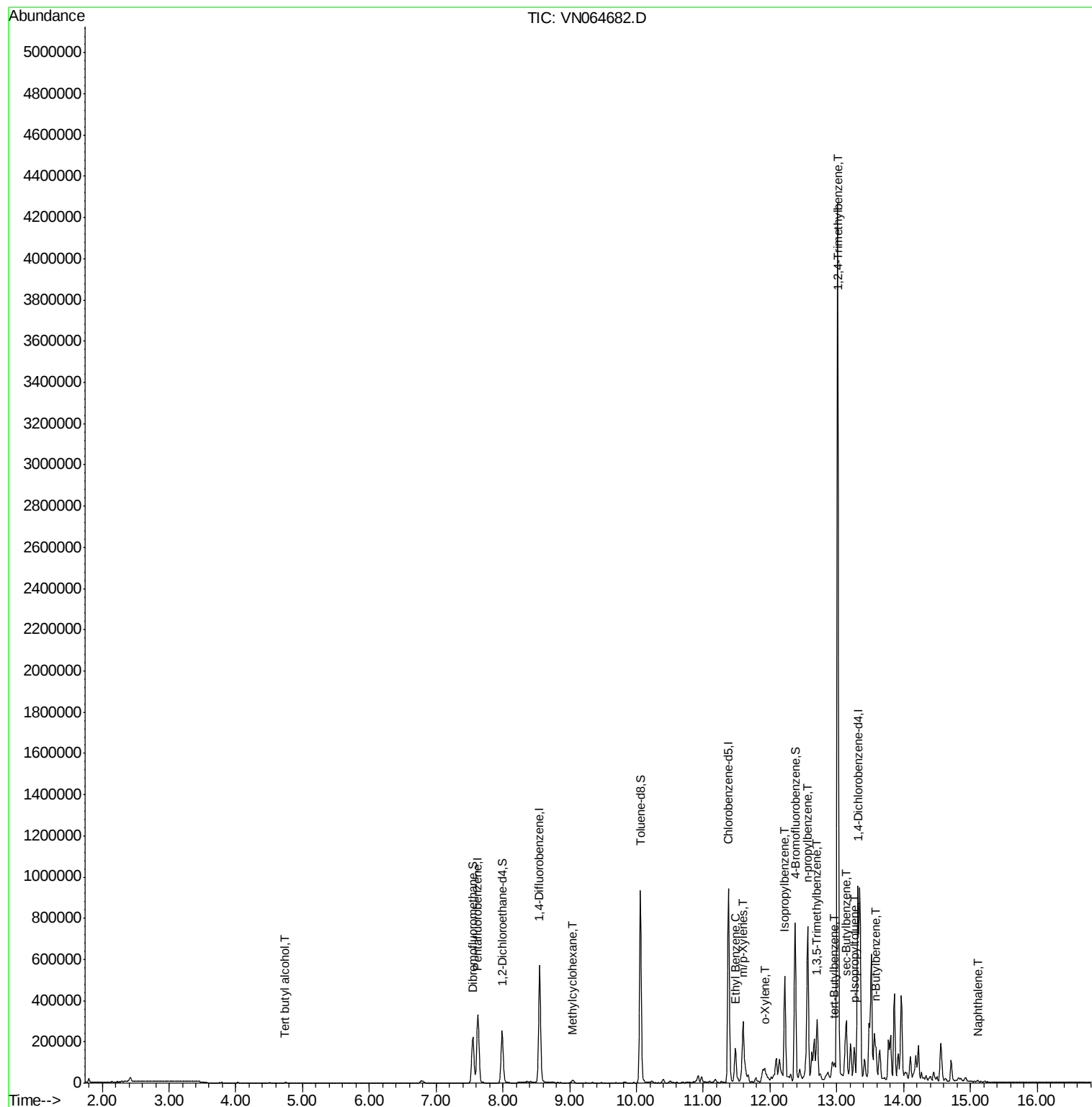
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
Data File : VN064682.D
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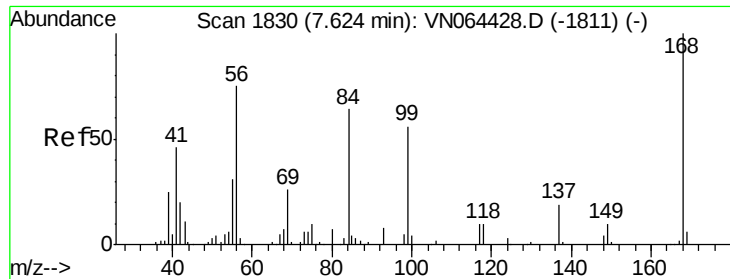
Instrument :
MSVOA_N
ClientSampleId :
FD-111620DL

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Quant Time: Nov 18 02:47:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064682.D

Acq: 17 Nov 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

FD-111620DL

Tot Ion:168 Resp: 235903

Ion Ratio Lower Upper

168 100

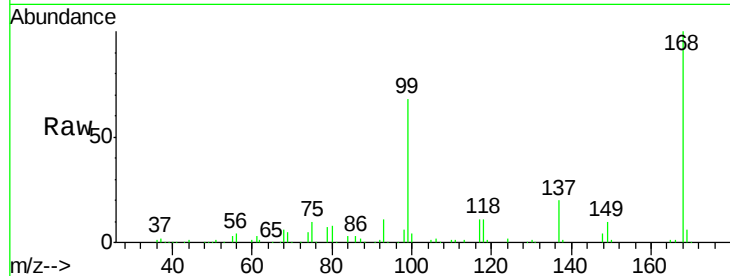
99 68.4 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

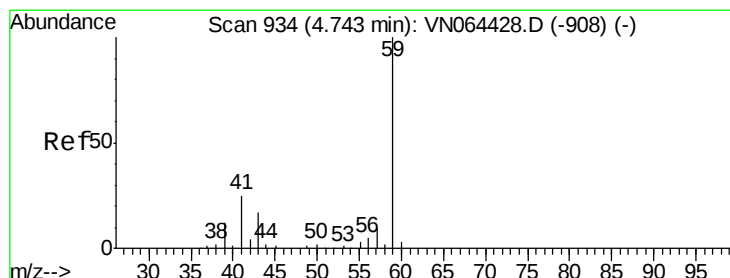
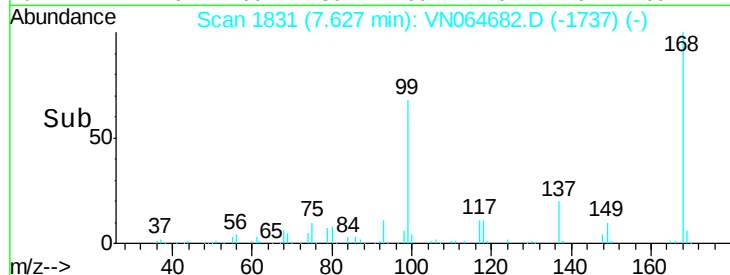
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 6.651 ug/l m

RT: 4.73 min Scan# 929

Delta R.T. -0.02 min

Lab File: VN064682.D

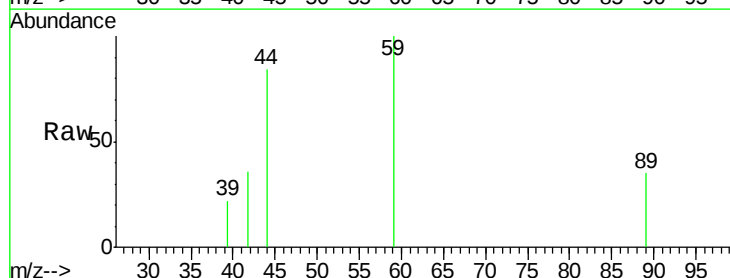
Acq: 17 Nov 2020 15:55

Tgt Ion: 59 Resp: 3014

Ion Ratio Lower Upper

59 100

57 3.4 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

800

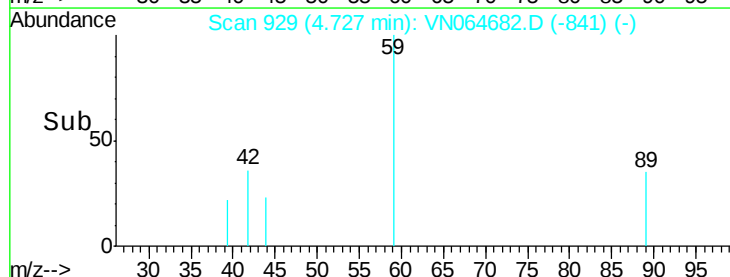
600

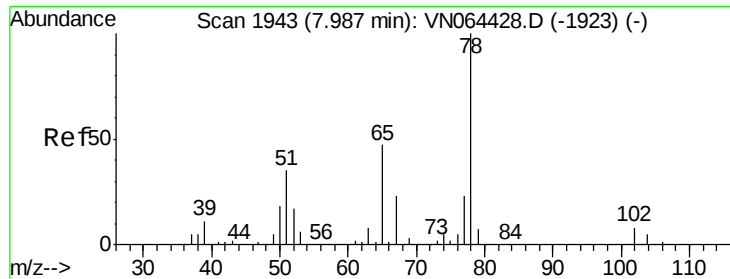
400

200

0

Time--> 4.65 4.70 4.75 4.80





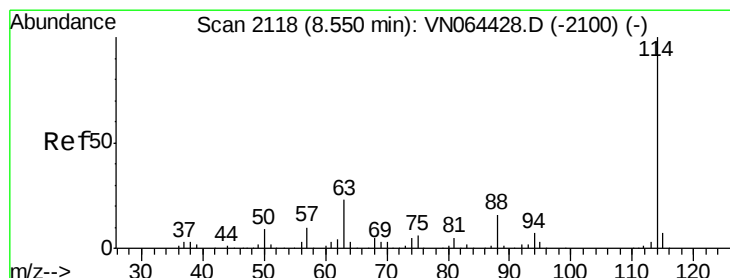
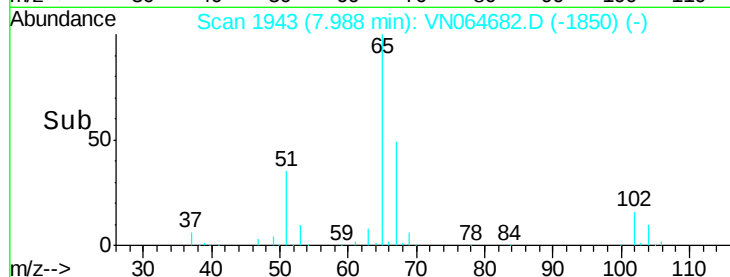
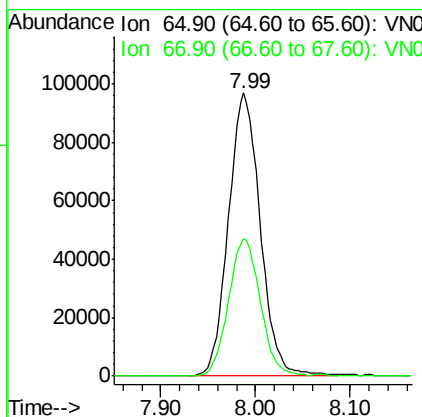
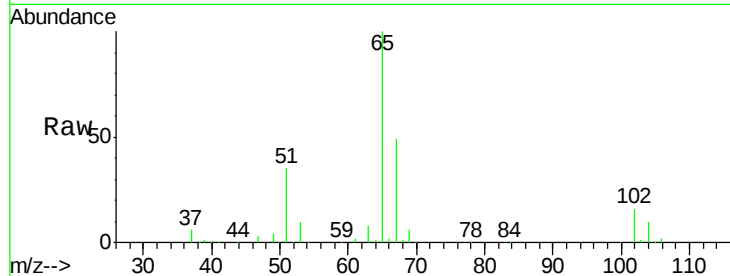
#33
 1,2-Dichloroethane-d4
 Concen: 55.177 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064682.D
 Acq: 17 Nov 2020 15:55

Instrument :
 MSVOA_N
 ClientSampled :
 FD-111620DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	226725		
67	48.5	0.0	101.6	

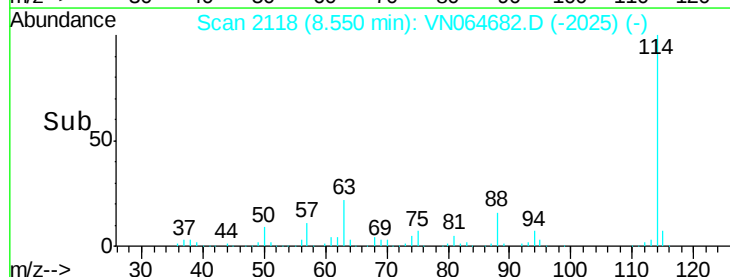
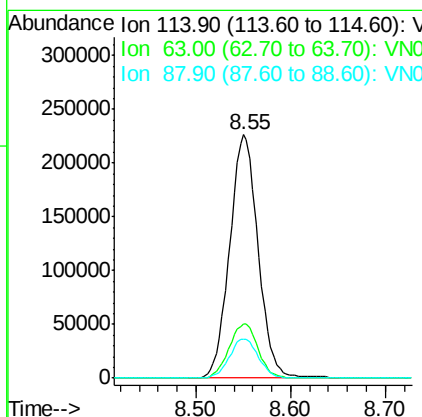
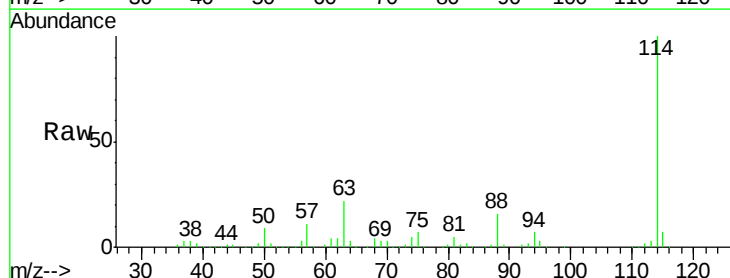
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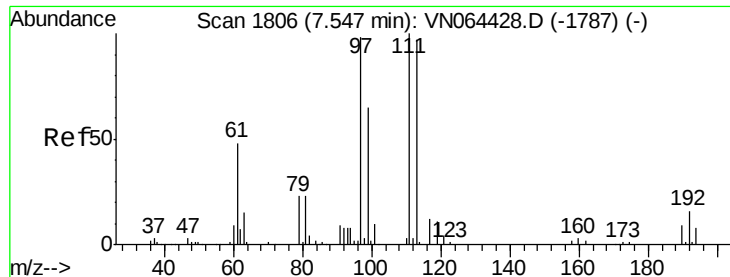
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064682.D
 Acq: 17 Nov 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472096		
63	22.1	0.0	45.6	
88	16.2	0.0	32.8	





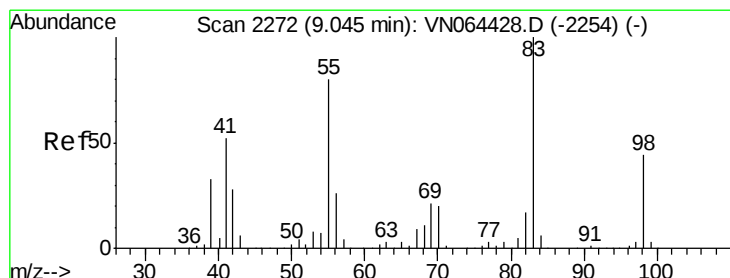
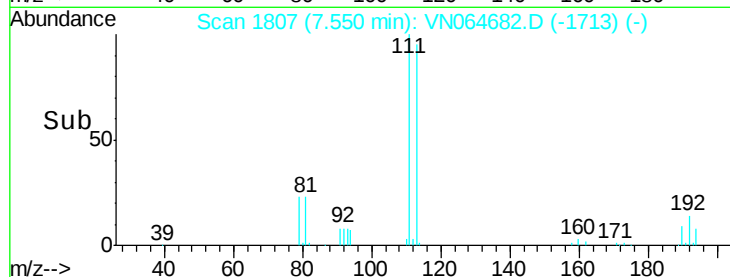
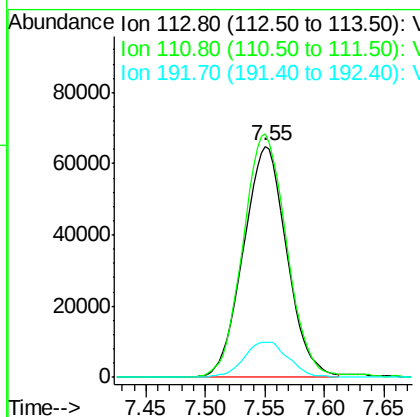
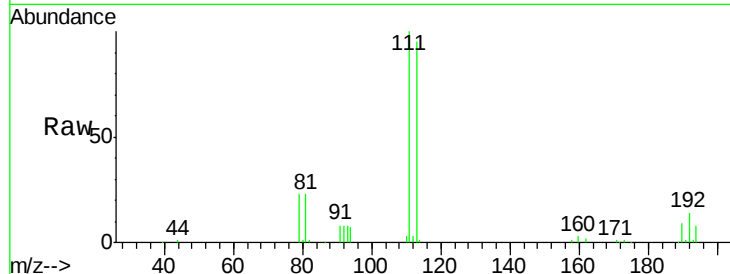
#35
 Dibromofluoromethane
 Concen: 51.061 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064682.D
 Acq: 17 Nov 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111620DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	164127		
111	106.3	81.1	121.7	
192	15.8	12.8	19.2	

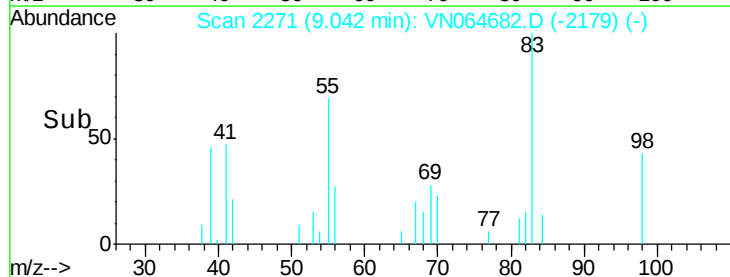
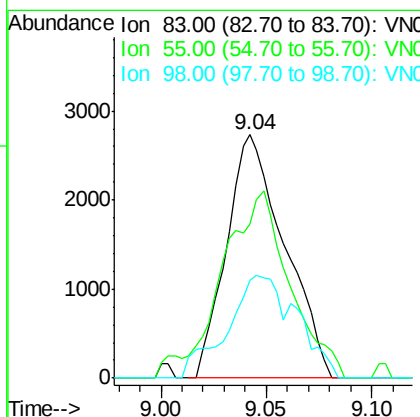
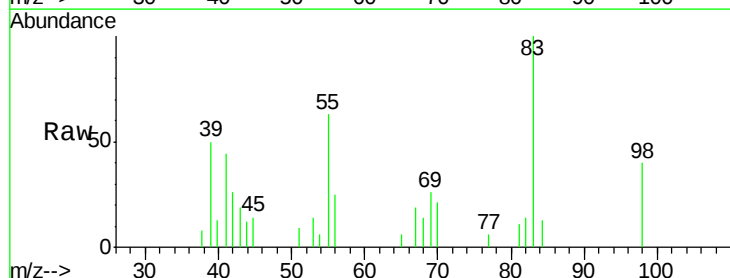
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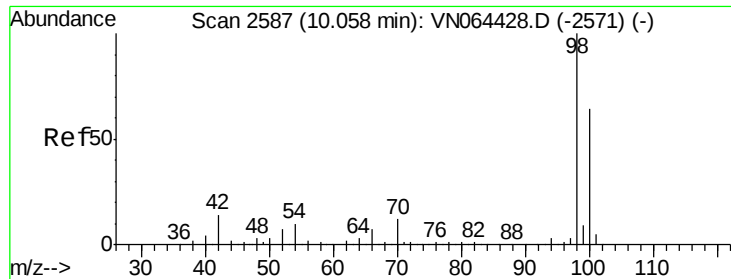
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#39
 Methylcyclohexane
 Concen: 1.165 ug/l
 RT: 9.04 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VN064682.D
 Acq: 17 Nov 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	5210		
55	57.1	63.8	95.6#	
98	40.0	35.4	53.2	





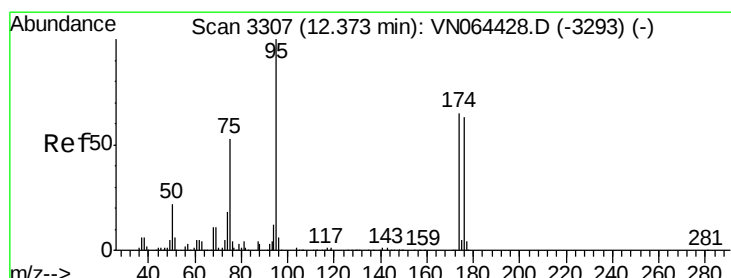
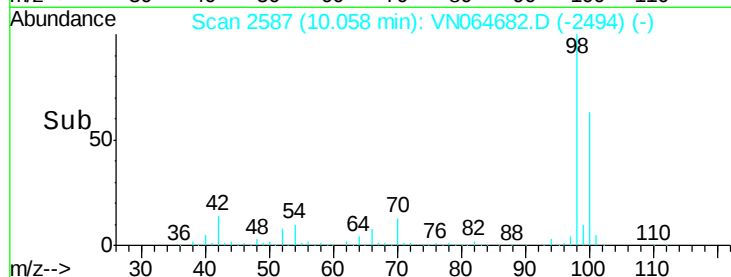
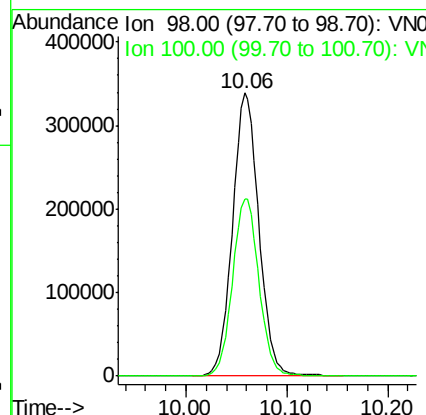
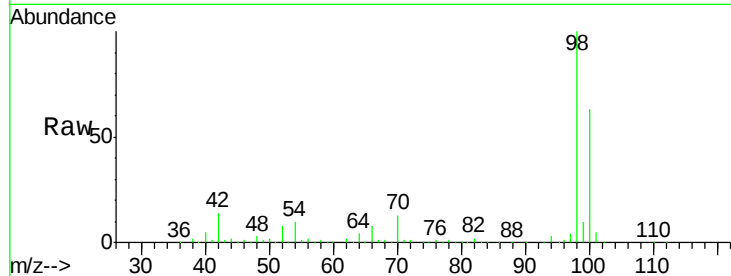
#50
Toluene-d8
Concen: 49.660 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
FD-111620DL

Tot Ion: 98 Resp: 616949
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1

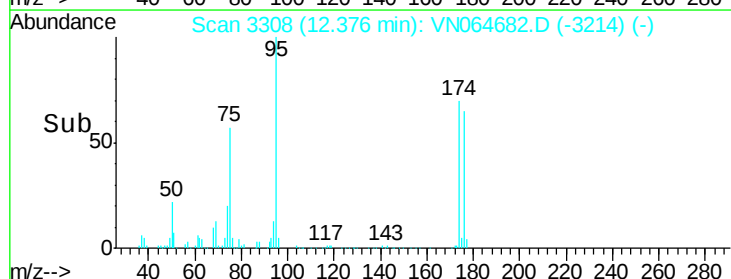
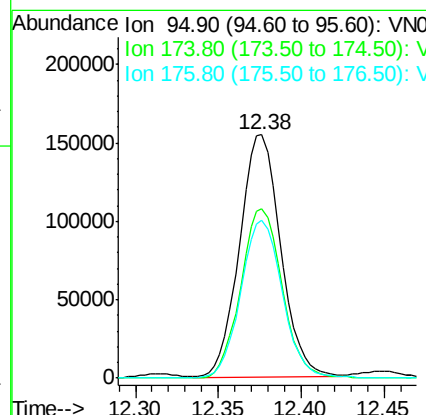
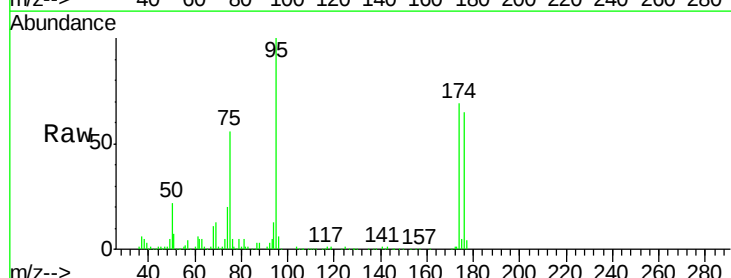
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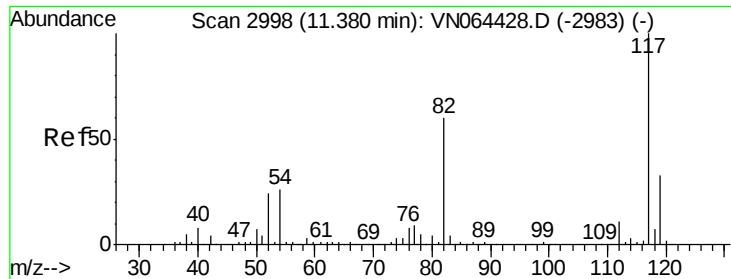
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#62
4-Bromofluorobenzene
Concen: 56.997 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Tgt Ion: 95 Resp: 267793
Ion Ratio Lower Upper
95 100
174 70.2 0.0 132.6
176 65.9 0.0 129.2





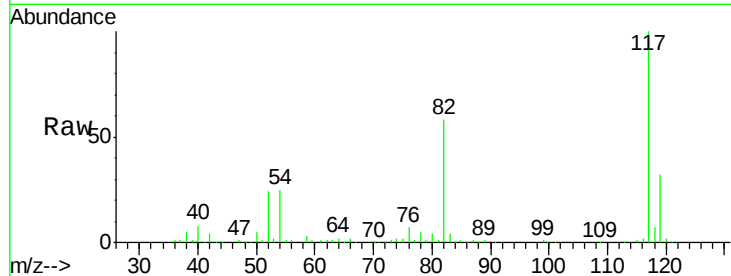
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
FD-111620DL

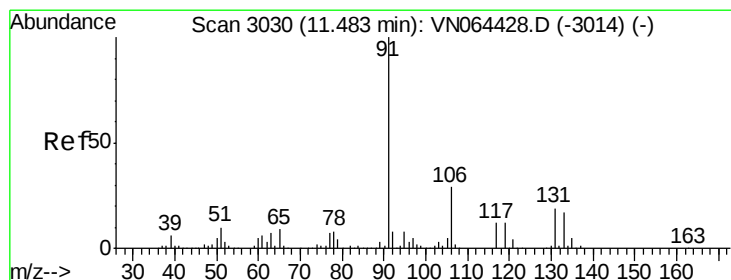
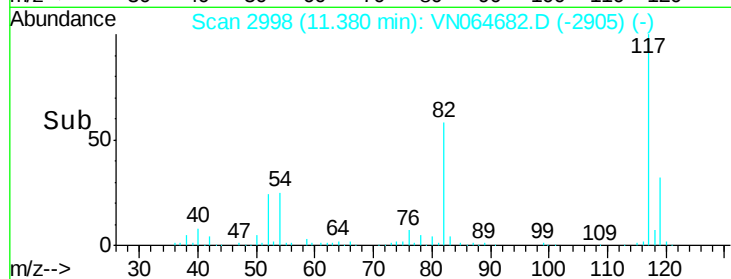
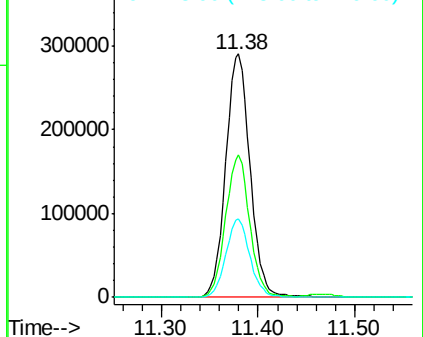
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.1	72.1
119	32.0	26.2	39.4

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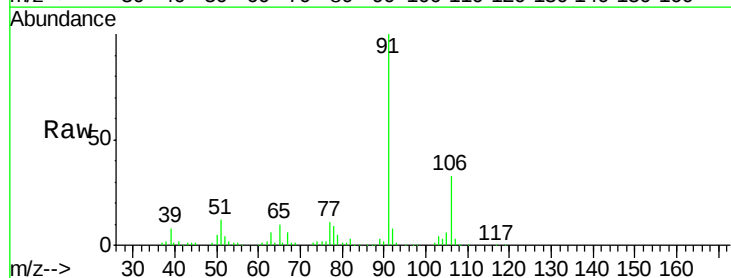


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

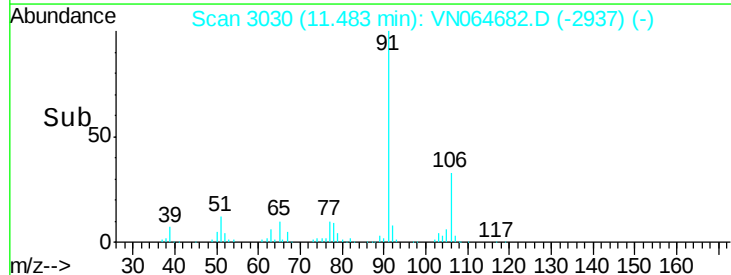
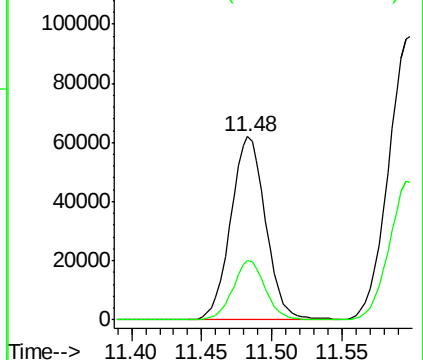


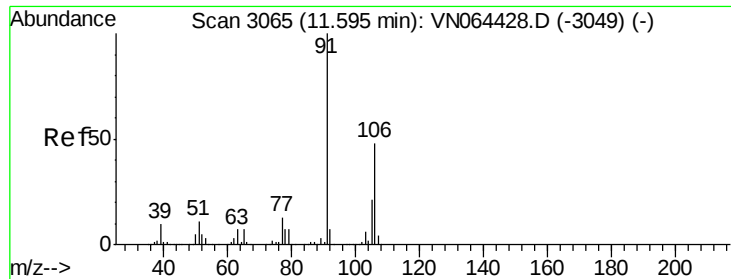
#67
Ethyl Benzene
Concen: 5.411 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.8	23.6	35.4



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





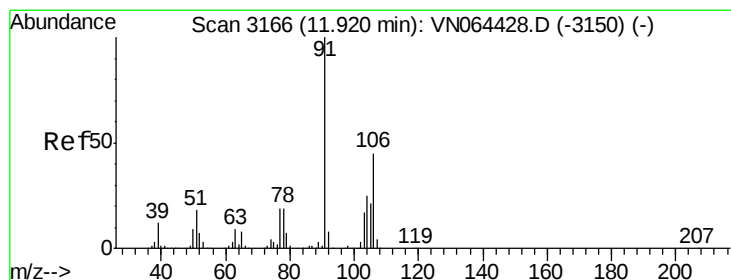
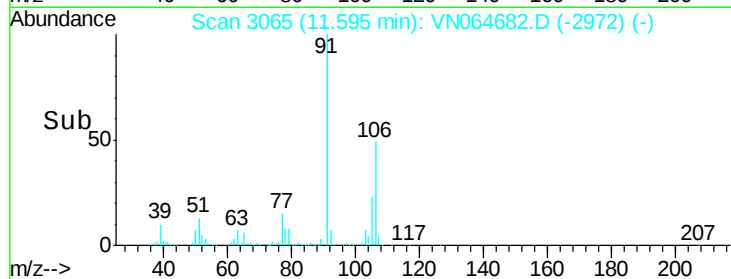
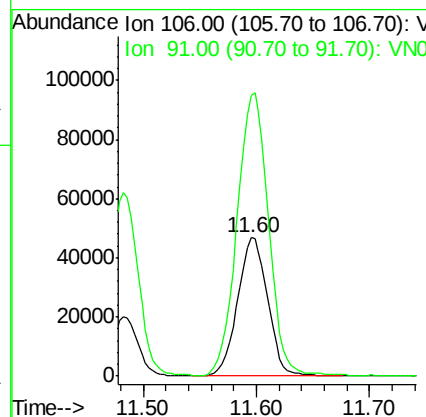
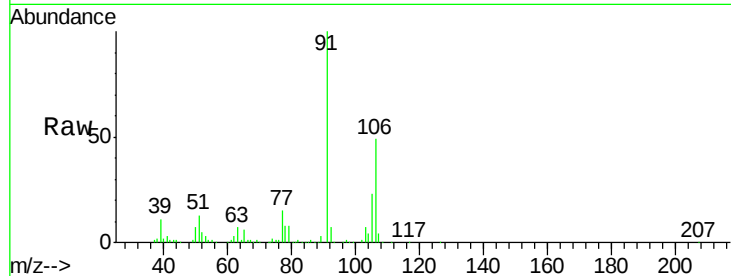
#68
m/p-Xylenes
Concen: 12.104 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
FD-111620DL

Tot Ion:106 Resp: 86968
Ion Ratio Lower Upper
106 100
91 212.5 169.4 254.2

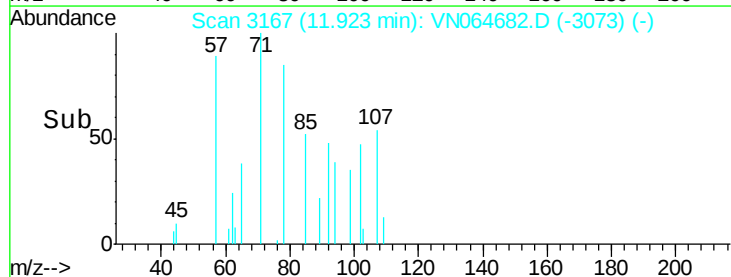
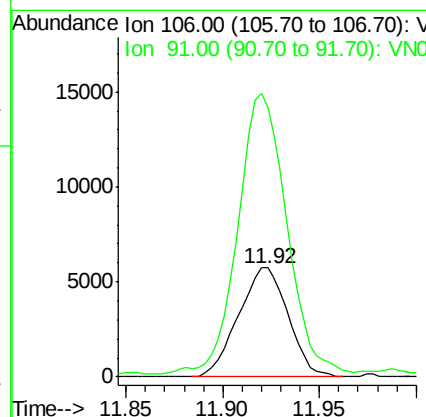
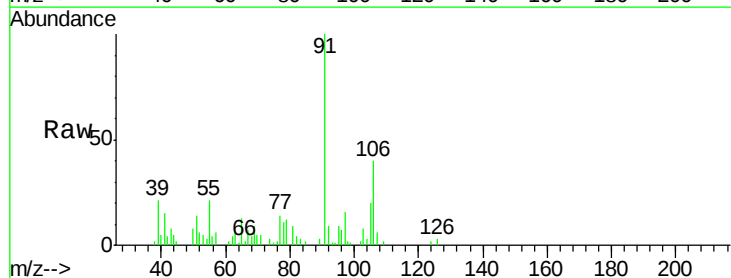
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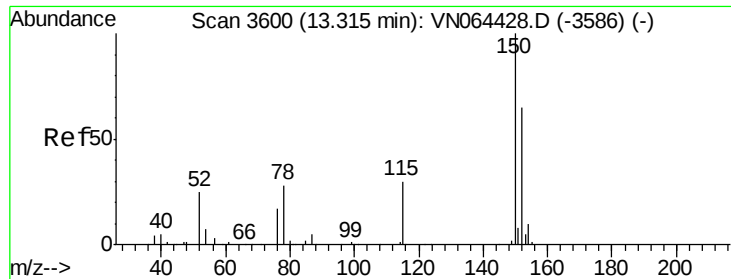
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#69
o-Xylene
Concen: 1.475 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Tgt Ion:106 Resp: 10244
Ion Ratio Lower Upper
106 100
91 256.4 111.7 334.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064682.D

Acq: 17 Nov 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

FD-111620DL

Tot Ion:152 Resp: 231277

Ion Ratio Lower Upper

152 100

115 73.6 32.0 96.0

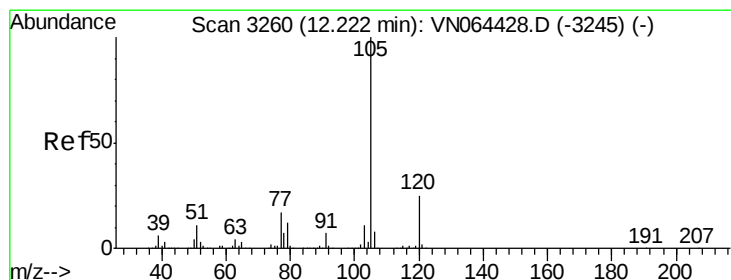
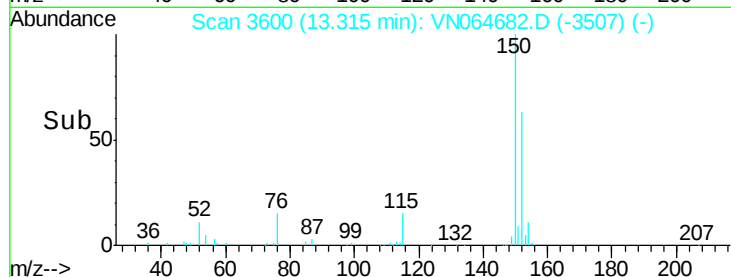
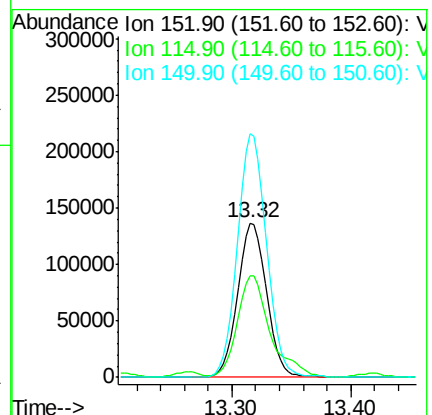
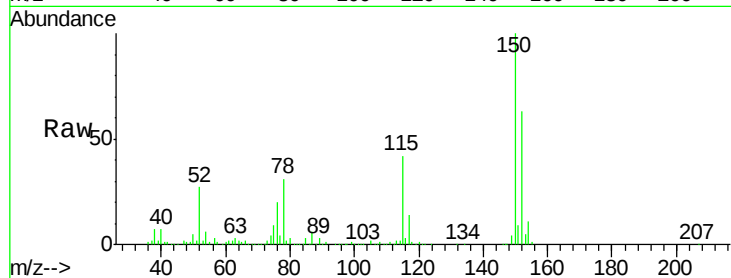
150 159.1 0.0 353.8

Manual Integrations

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#73

Isopropylbenzene

Concen: 16.750 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064682.D

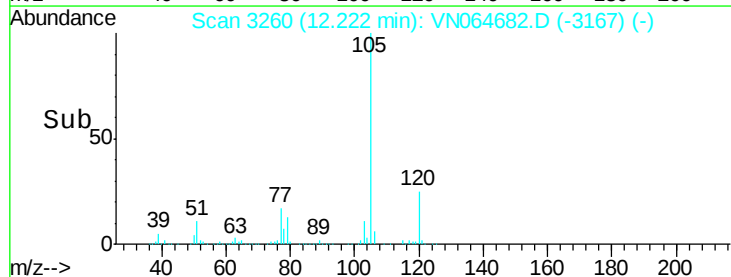
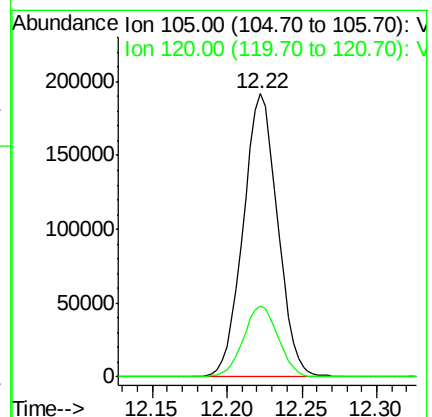
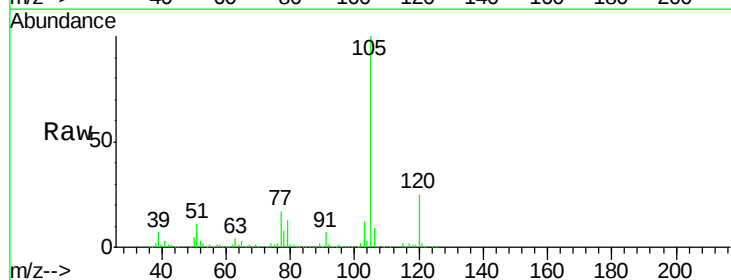
Acq: 17 Nov 2020 15:55

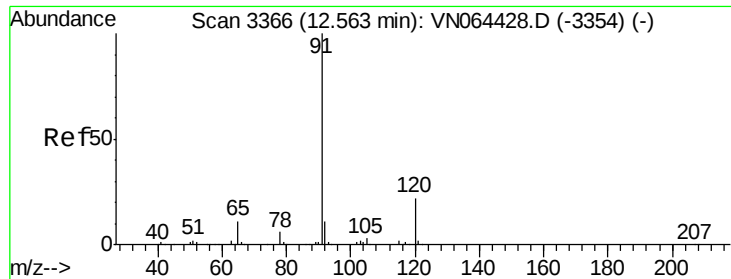
Tgt Ion:105 Resp: 307914

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3





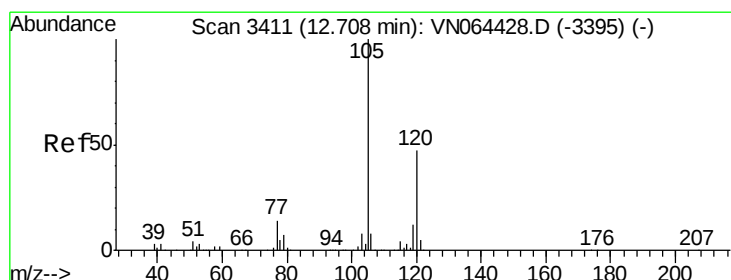
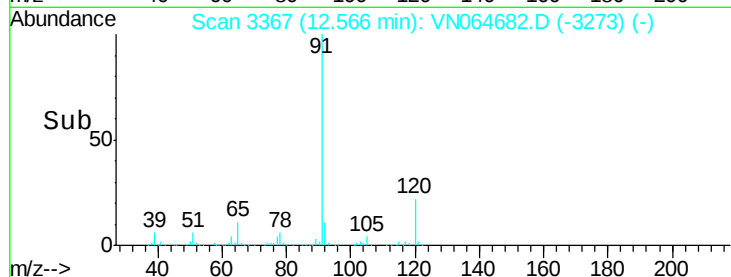
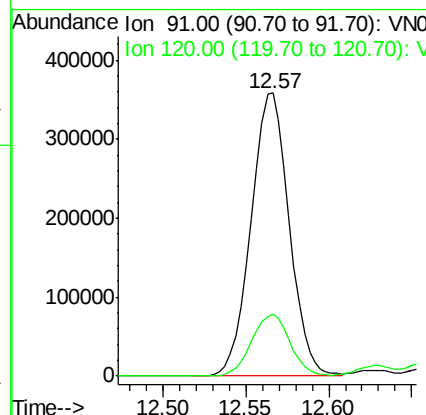
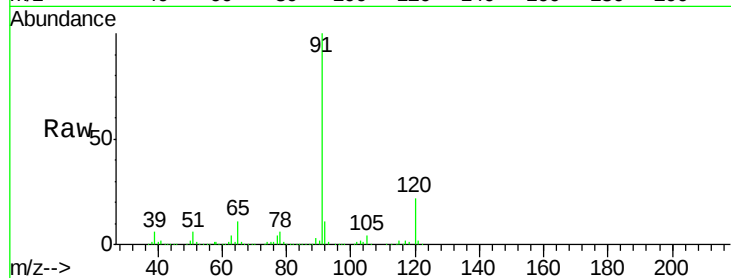
#78
n-propylbenzene
Concen: 27.310 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
FD-111620DL

Tot Ion: 91 Resp: 572362
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0

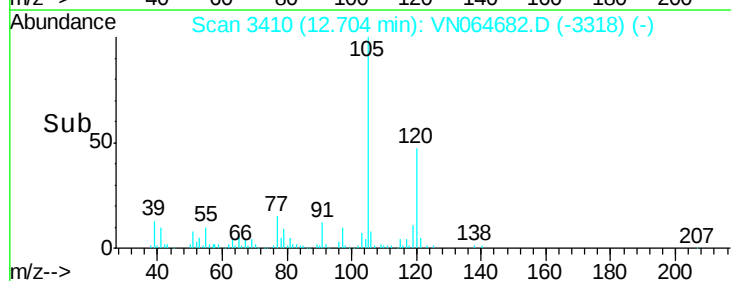
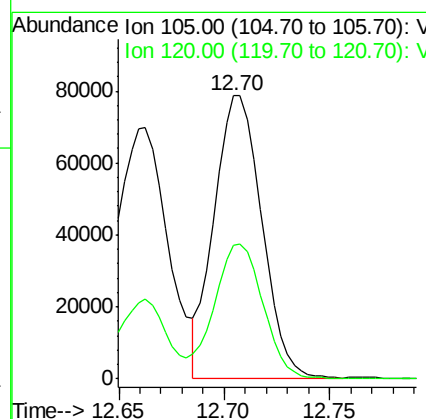
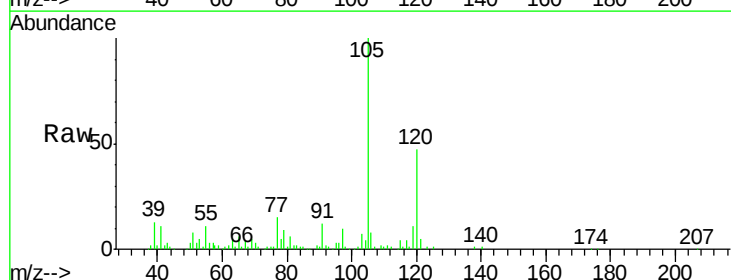
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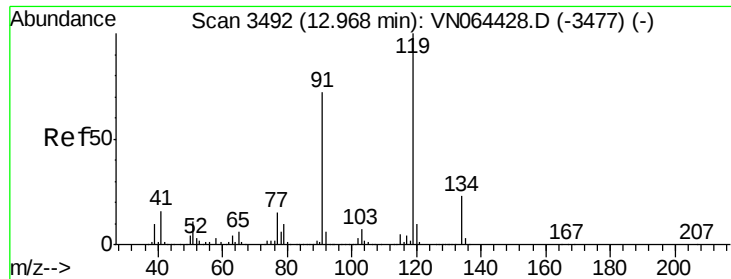
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#80
1,3,5-Trimethylbenzene
Concen: 8.088 ug/l
RT: 12.70 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Tgt Ion: 105 Resp: 122659
Ion Ratio Lower Upper
105 100
120 49.3 23.4 70.2





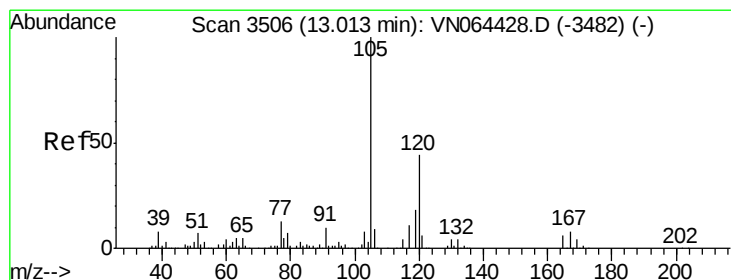
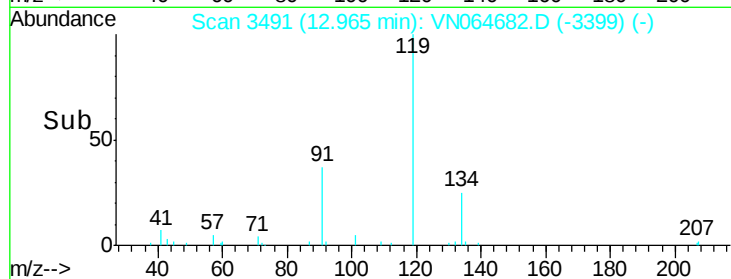
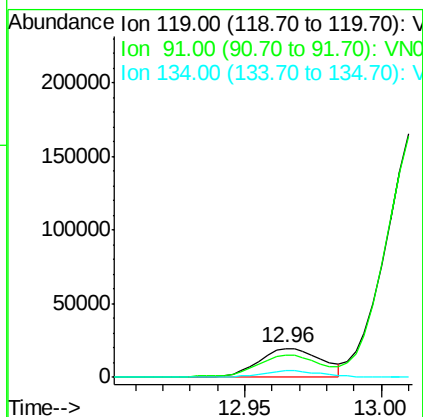
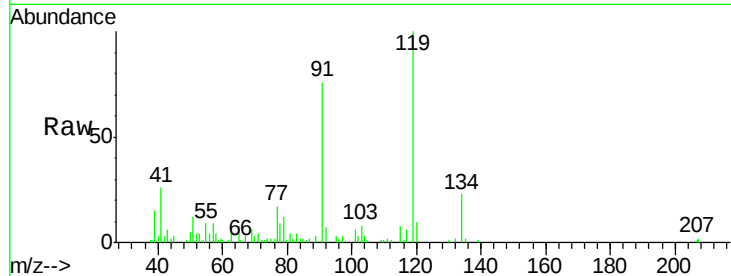
#83
tert-Butylbenzene
Concen: 2.654 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
FD-111620DL

Tot Ion	Ratio	Lower	Upper
119	100		
91	76.0	36.1	108.3
134	22.9	11.7	35.1

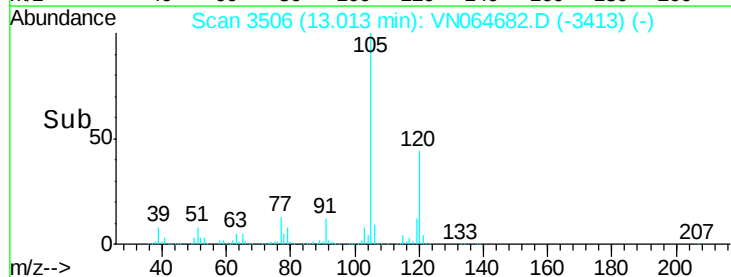
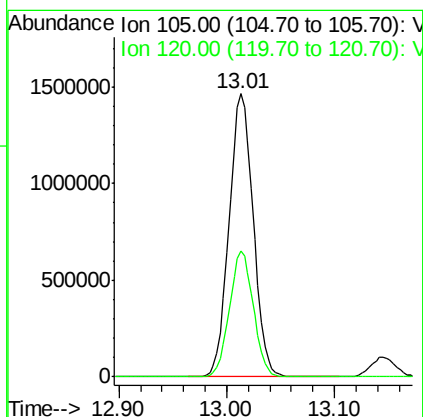
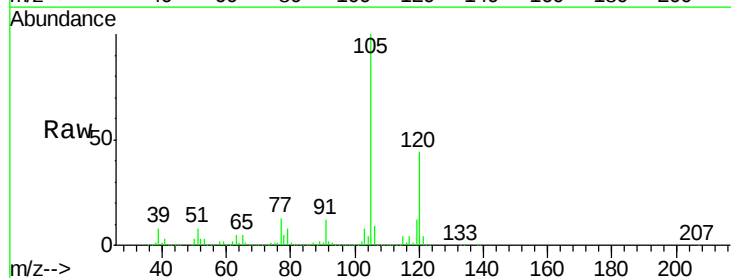
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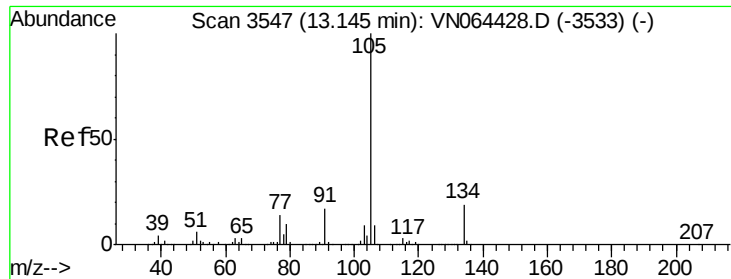
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#84
1,2,4-Trimethylbenzene
Concen: 150.343 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.7





#85

sec-Butylbenzene

Concen: 10.828 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064682.D

Acq: 17 Nov 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

FD-111620DL

Tot Ion:105 Resp: 162419

Ion Ratio Lower Upper

105 100

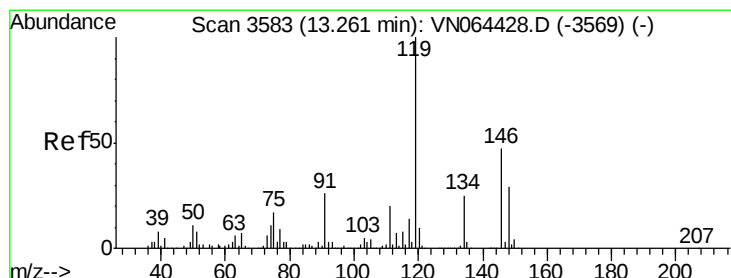
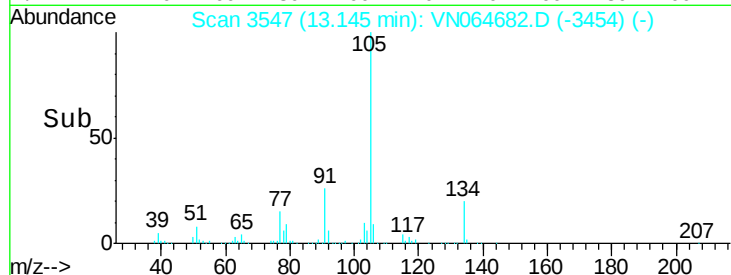
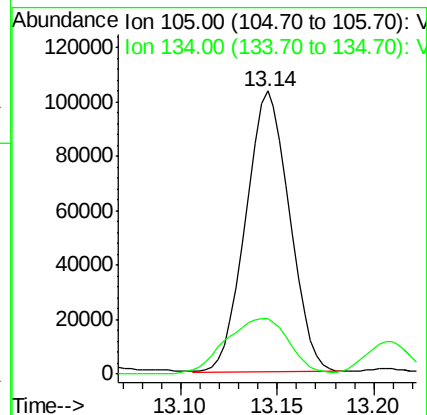
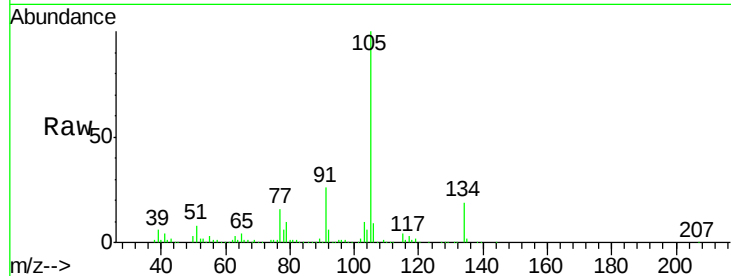
134 29.0 9.4 28.2#

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#86

p-Isopropyltoluene

Concen: 5.581 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064682.D

Acq: 17 Nov 2020 15:55

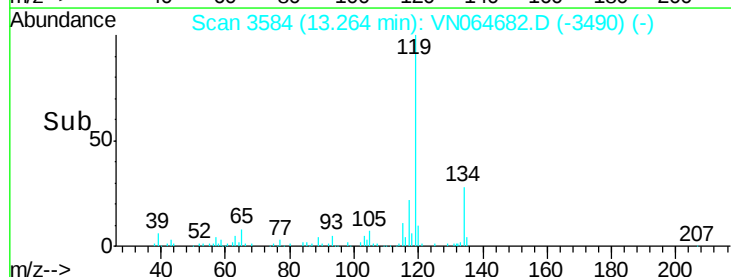
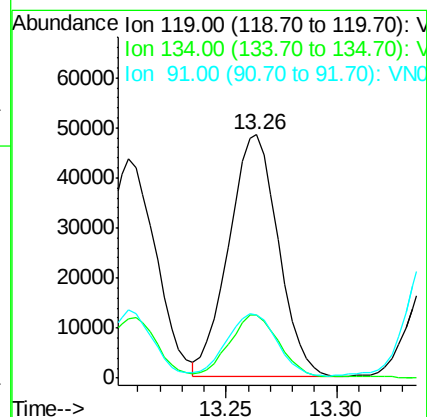
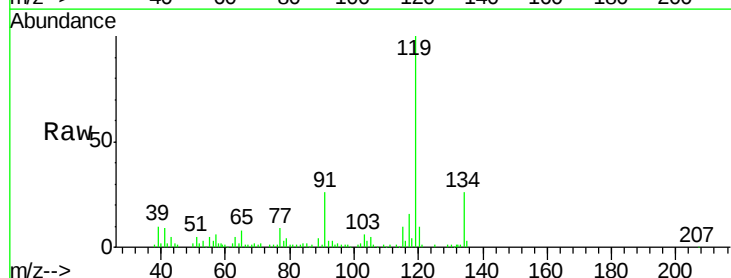
Tgt Ion:119 Resp: 75301

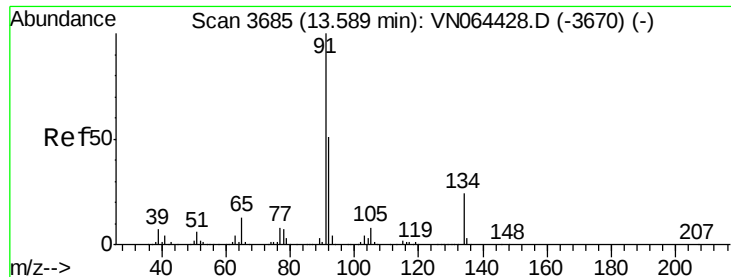
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 25.7 12.8 38.3





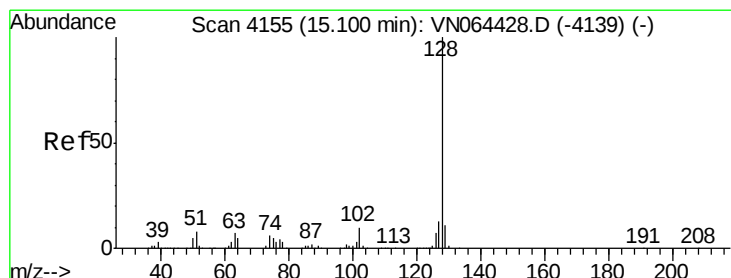
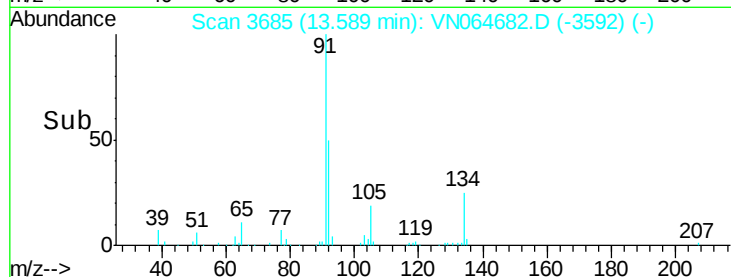
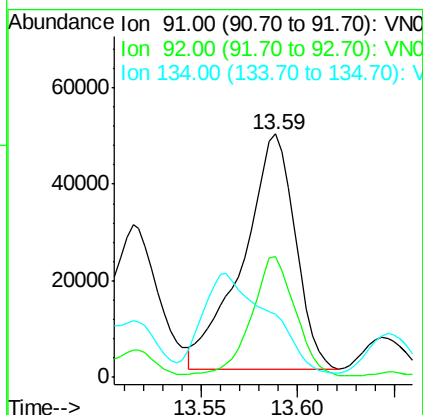
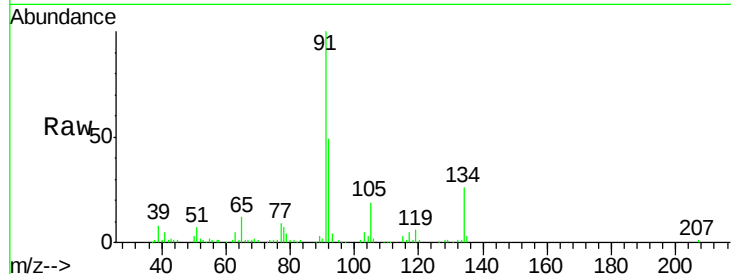
#89
n-Butylbenzene
Concen: 7.884 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
FD-111620DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	43.5	25.3	75.9
134	0.0	11.8	35.4#

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#95
Naphthalene
Concen: 4.109 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064682.D
Acq: 17 Nov 2020 15:55

Tgt Ion	Ratio	Lower	Upper
128	100		
127	5.6	10.5	15.7#
129	9.5	8.8	13.2

