

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064802.D
 Acq On : 24 Nov 2020 11:50
 Operator : JC/MD
 Sample : L4829-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Manual Integrations
 APPROVED

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 11/25/2020 3:57:07 PM

Quant Time: Nov 25 04:27:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	163269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	296073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	102248	53.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	107.74%		
35) Dibromofluoromethane	7.55	113	94014	53.07	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.14%		
50) Toluene-d8	10.06	98	388030	53.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.22%		
62) 4-Bromofluorobenzene	12.37	95	162153	62.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	125.18%		

Target Compounds

						Qvalue
16) Acetone	3.79	43	4123	6.608	ug/l	100
17) Carbon Disulfide	4.01	76	6846	1.680	ug/l	100
39) Methylcyclohexane	9.05	83	75400	25.523	ug/l	99
40) Benzene	8.00	78	62646	7.449	ug/l	100
52) Toluene	10.12	92	33845	6.535	ug/l	99
67) Ethyl Benzene	11.48	91	3875859	336.026	ug/l	95
68) m/p-Xylenes	11.60	106	593205	135.838	ug/l	99
69) o-Xylene	11.92	106	600411	144.884	ug/l	99
73) Isopropylbenzene	12.22	105	1102135	95.309	ug/l	100
78) n-propylbenzene	12.56	91	1116096	84.723	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	746184	77.632	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	4328056	445.357	ug/l	97
85) sec-Butylbenzene	13.14	105	39310m	3.675	ug/l	
86) p-Isopropyltoluene	13.26	119	134676	13.829	ug/l	88
89) n-Butylbenzene	13.56	91	138684m	16.216	ug/l	
95) Naphthalene	15.10	128	11357167	1126.789	ug/l #	67

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

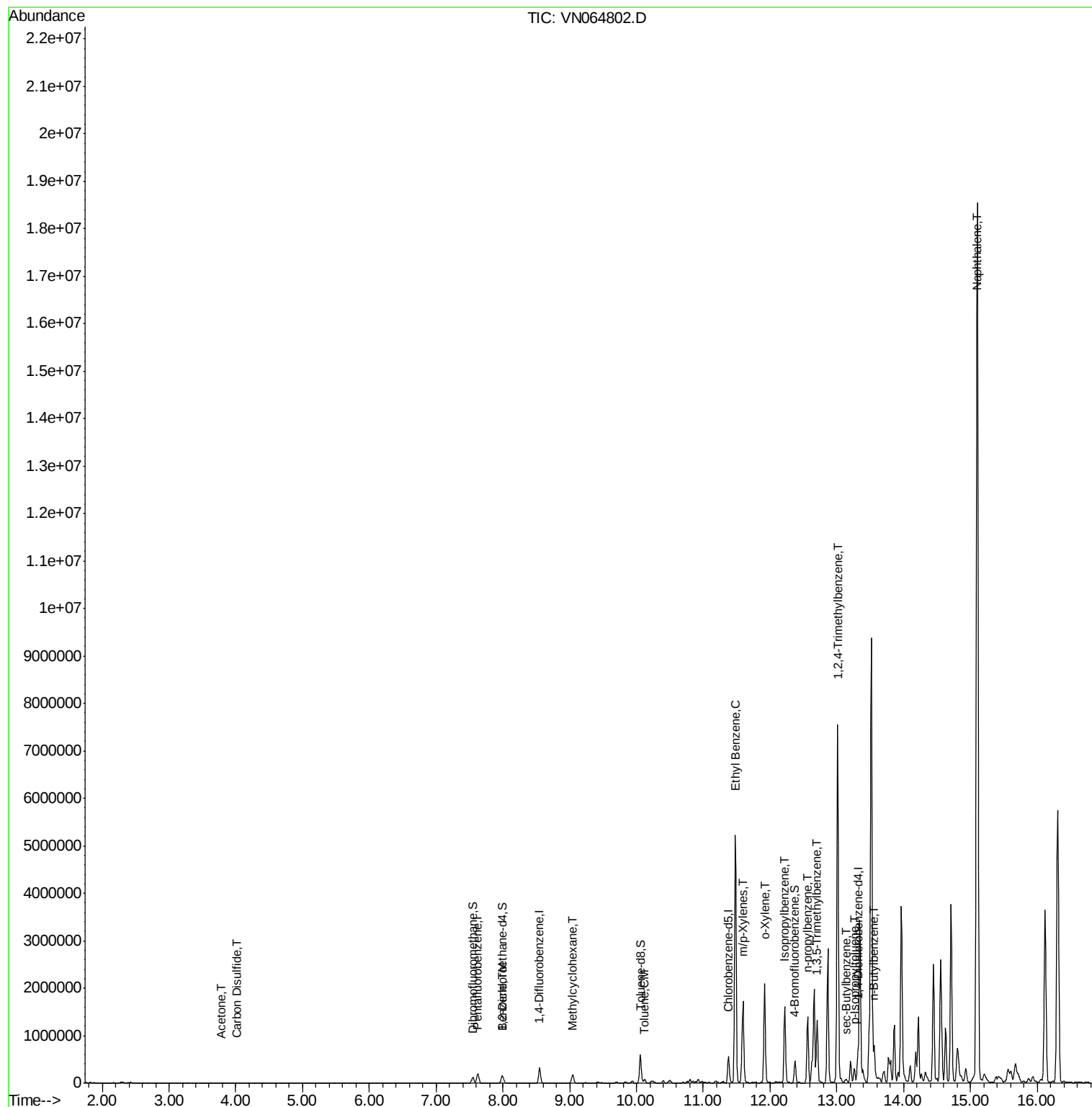
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064802.D
Acq On : 24 Nov 2020 11:50
Operator : JC/MD
Sample : L4829-07
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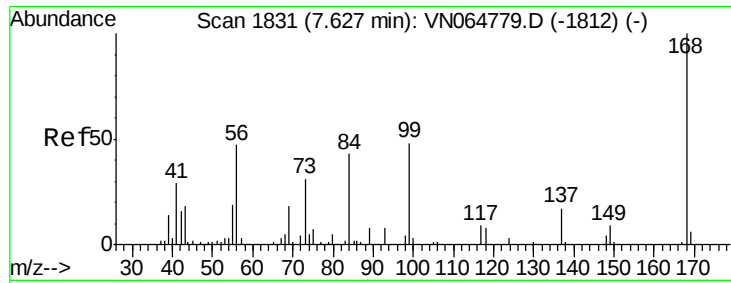
Instrument :
MSVOA_N
ClientSampleId :
MW-12

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Quant Time: Nov 25 04:27:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 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: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA_N

ClientSampled :

MW-12

Tot Ion:168 Resp: 163269

Ion Ratio Lower Upper

168 100

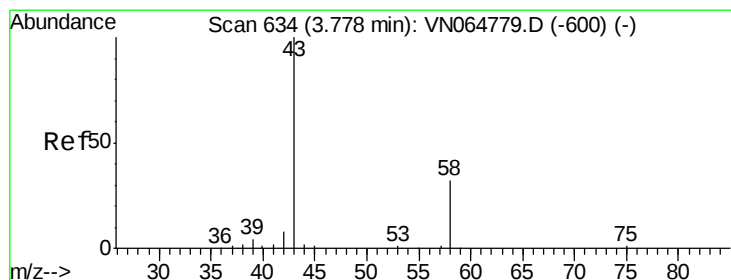
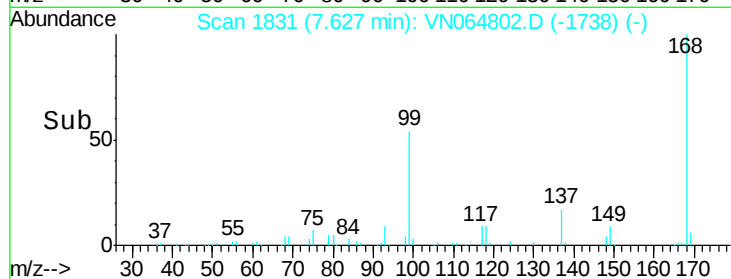
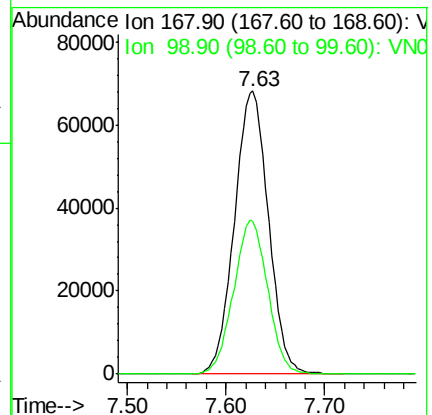
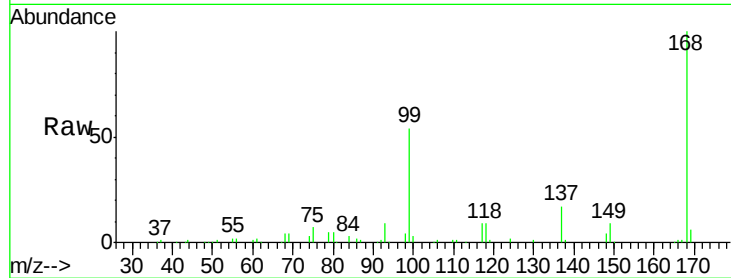
99 54.0 43.0 64.4

Manual Integrations

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#16

Acetone

Concen: 6.608 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064802.D

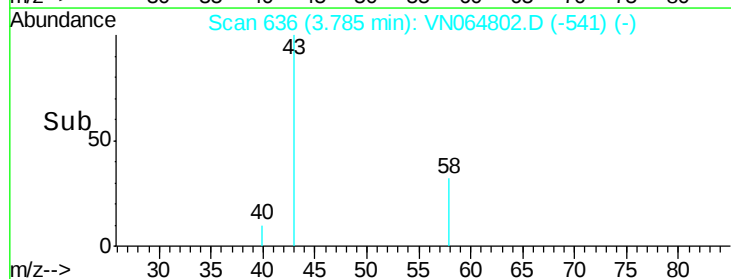
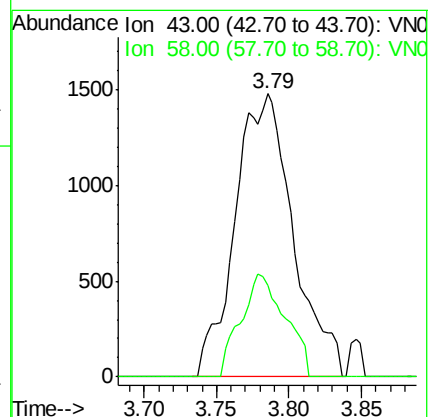
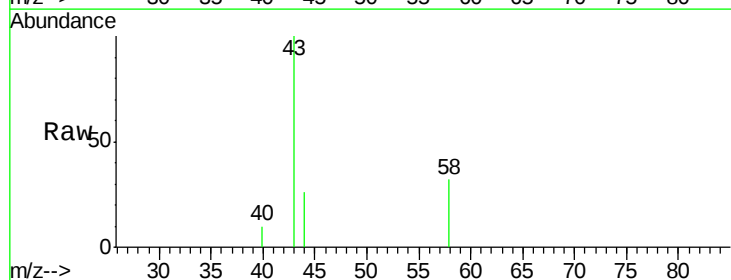
Acq: 24 Nov 2020 11:50

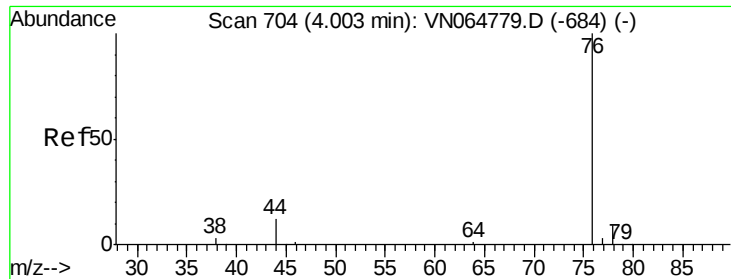
Tgt Ion: 43 Resp: 4123

Ion Ratio Lower Upper

43 100

58 32.2 25.7 38.5





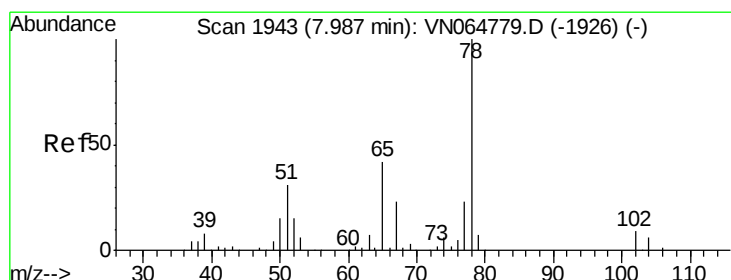
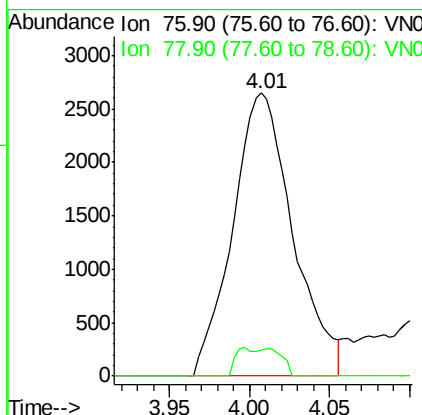
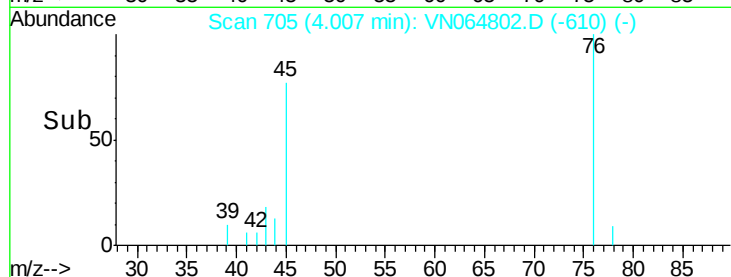
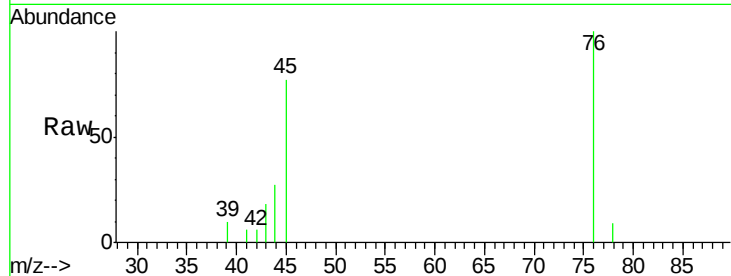
#17
Carbon Disulfide
Concen: 1.680 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion: 76 Resp: 6846
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

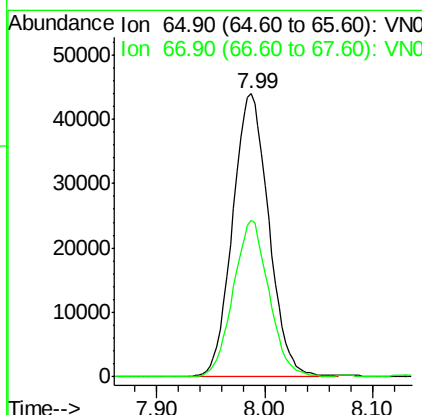
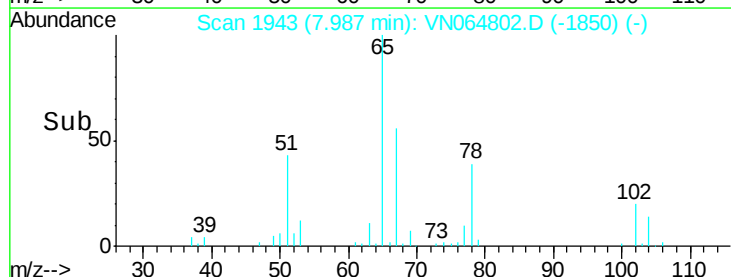
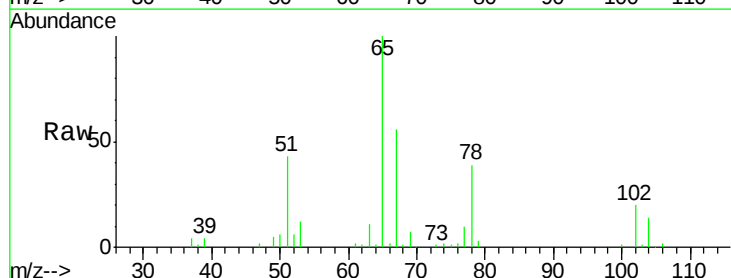
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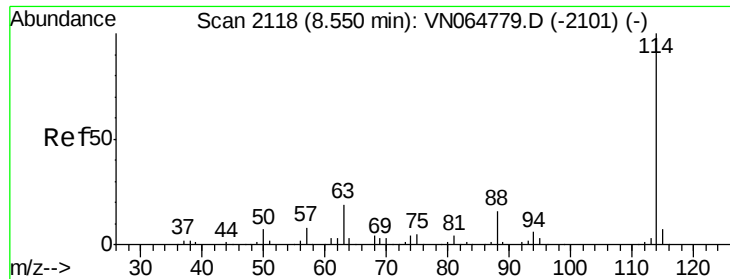
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#33
1,2-Dichloroethane-d4
Concen: 53.868 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Tgt Ion: 65 Resp: 102248
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.2





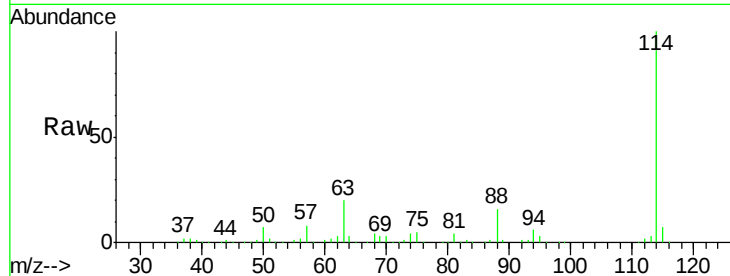
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.9	0.0	38.6
88	15.6	0.0	32.6

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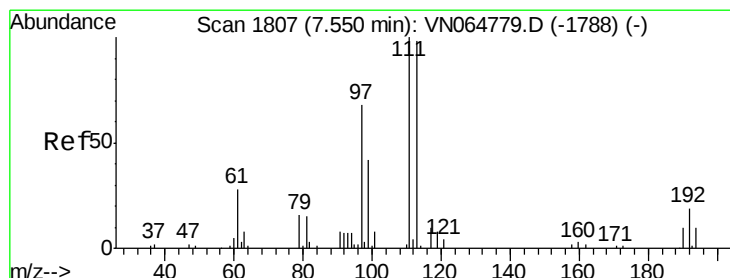
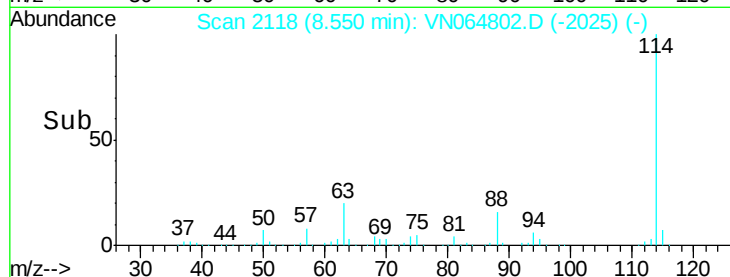
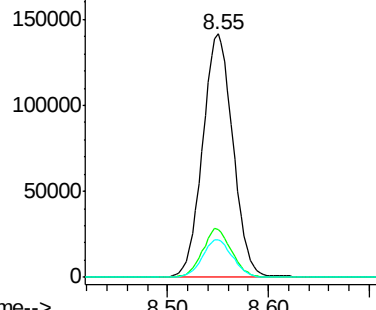
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Abundance Ion 113.90 (113.60 to 114.60): V

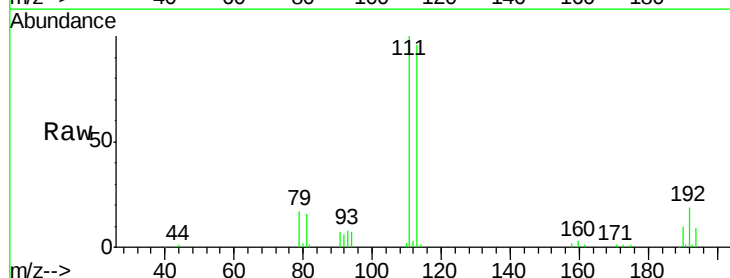
Ion 63.00 (62.70 to 63.70): VN064779.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064779.D (-2101) (-)



#35
Dibromofluoromethane
Concen: 53.067 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

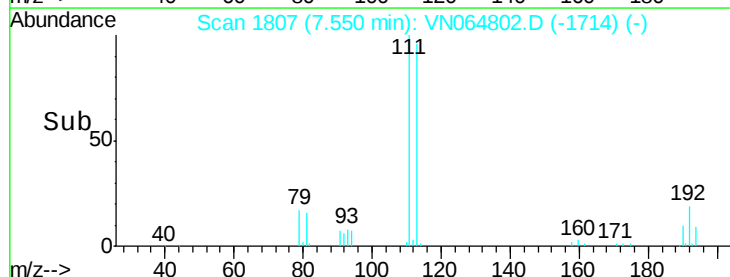
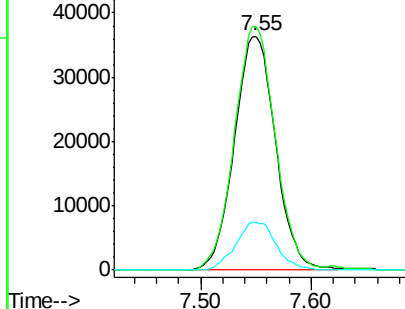
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.4	81.6	122.4
192	20.2	16.2	24.2

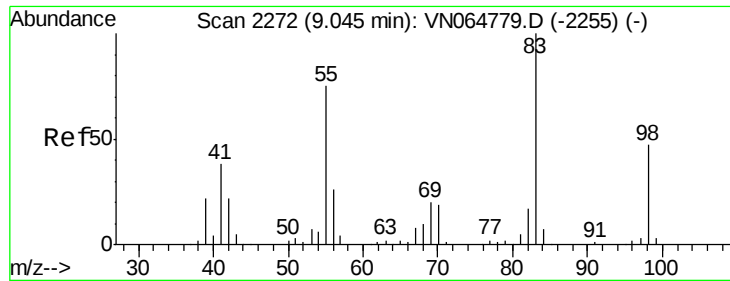


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): VN064779.D (-1788) (-)

Ion 191.70 (191.40 to 192.40): VN064779.D (-1788) (-)





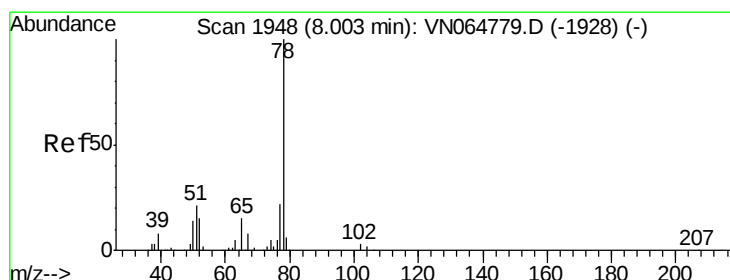
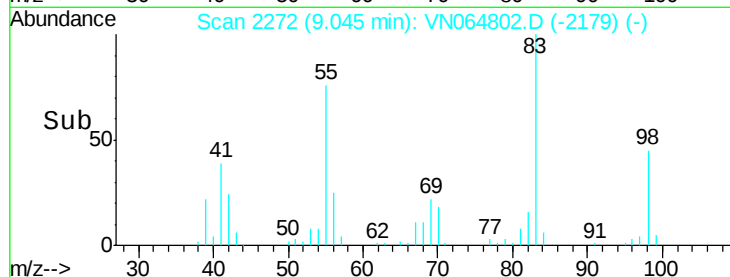
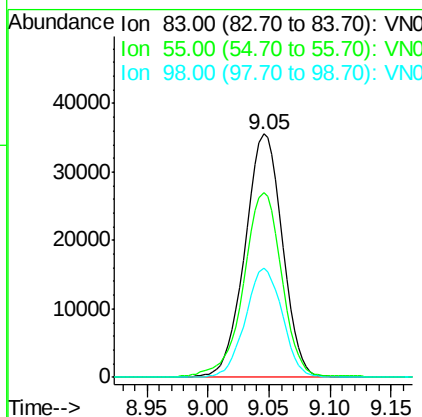
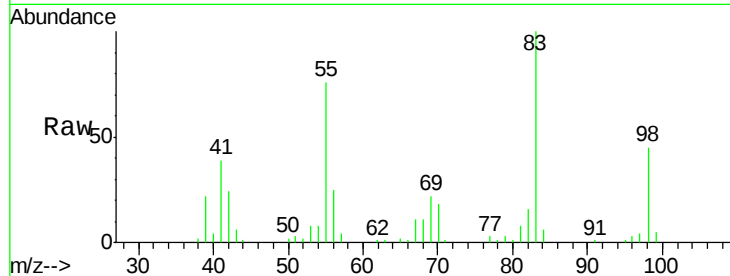
#39
Methvlcvclohexane
Concen: 25.523 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion	83.00	Resp:	75400
Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.2	90.2
98	44.7	37.4	56.2

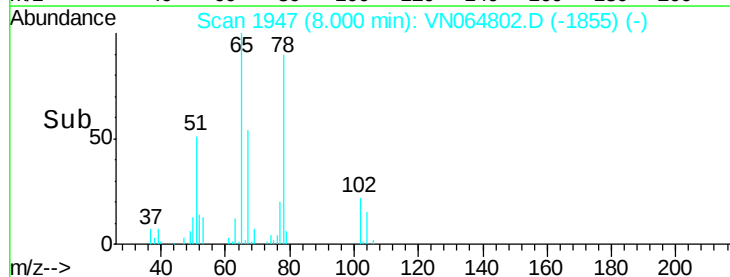
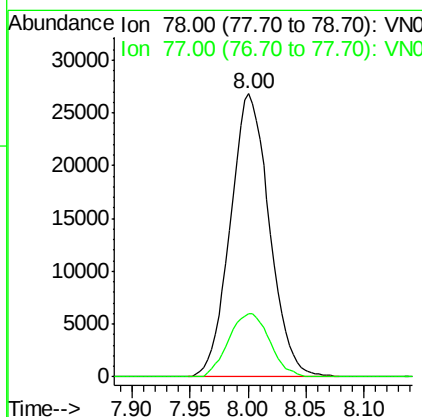
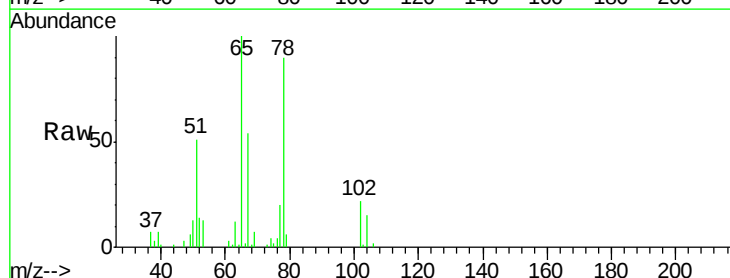
Manual Integrations
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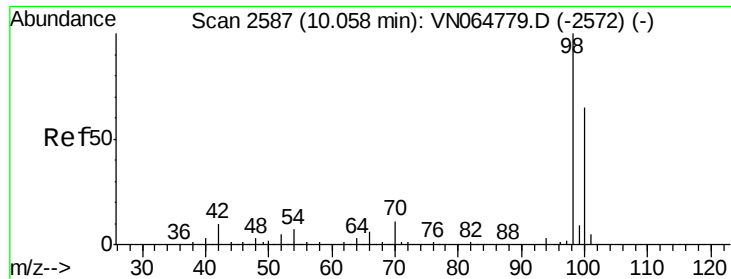
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#40
Benzene
Concen: 7.449 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Tgt Ion	78	Resp:	62646
Ion	Ratio	Lower	Upper
78	100		
77	22.2	17.9	26.9





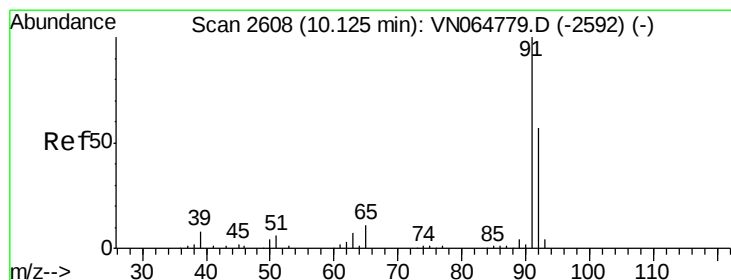
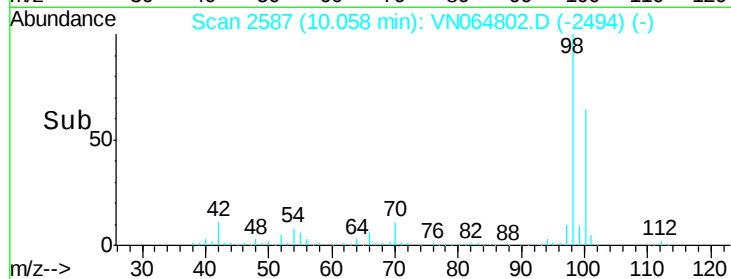
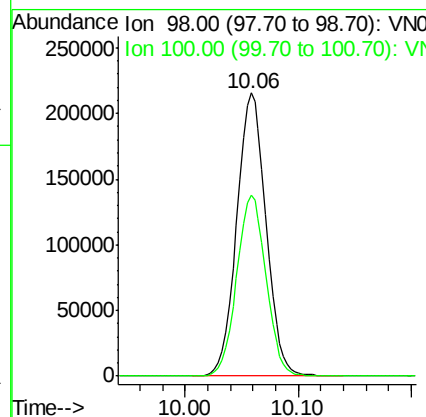
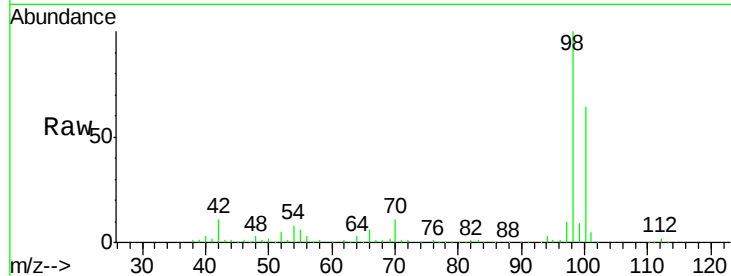
#50
Toluene-d8
Concen: 53.605 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion: 98 Resp: 388030
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

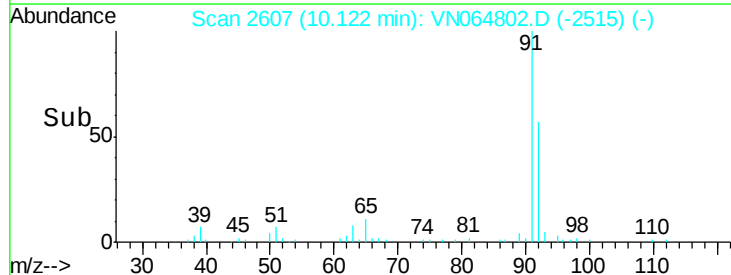
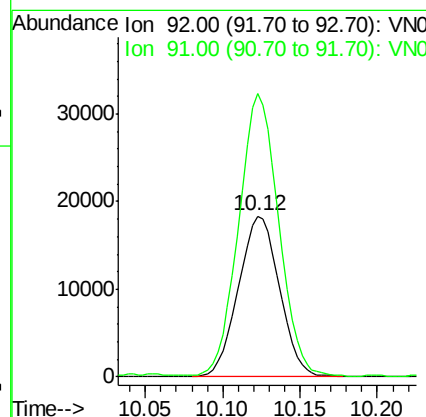
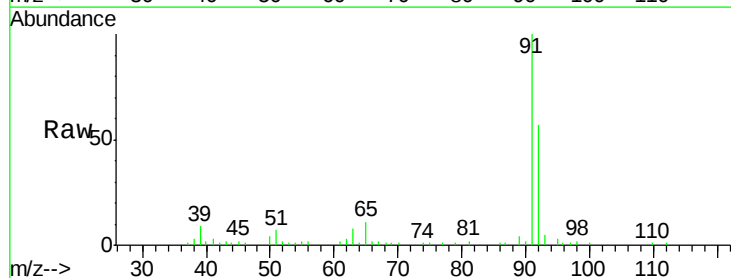
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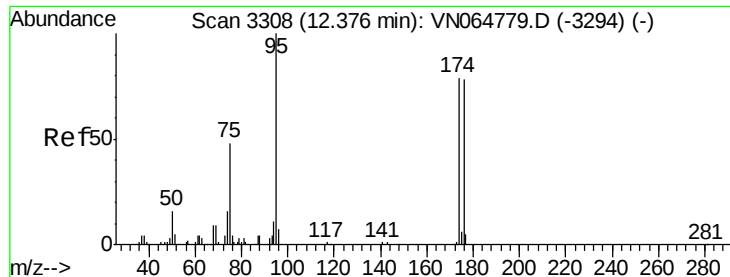
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#52
Toluene
Concen: 6.535 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Tgt Ion: 92 Resp: 33845
Ion Ratio Lower Upper
92 100
91 172.8 139.1 208.7





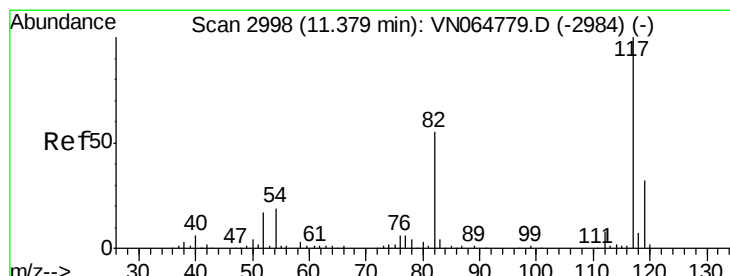
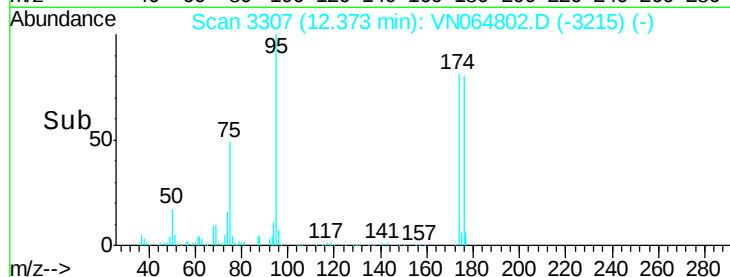
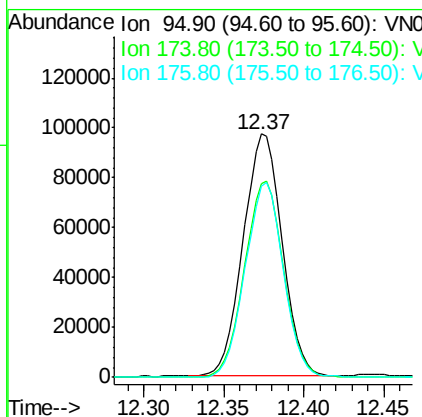
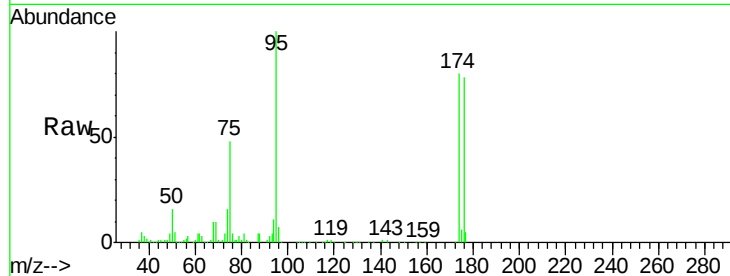
#62
4-Bromofluorobenzene
Concen: 62.594 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion	Ratio	Resp	Lower	Upper
95	100	162153		
174	81.4	0.0	160.4	
176	79.0	0.0	158.4	

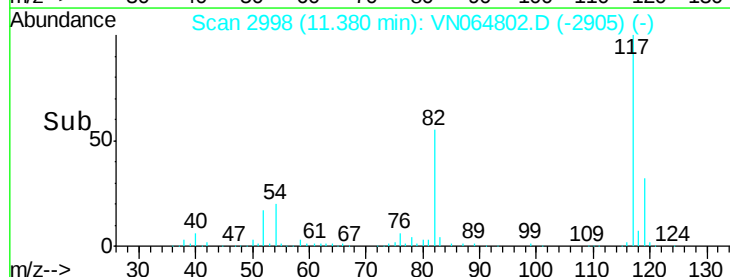
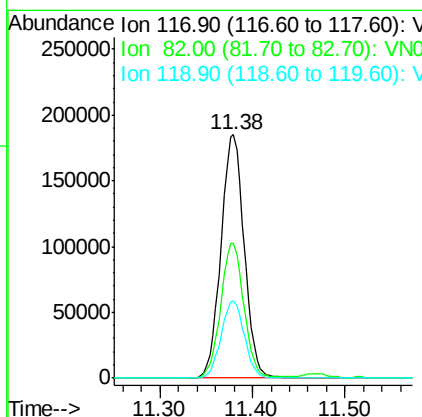
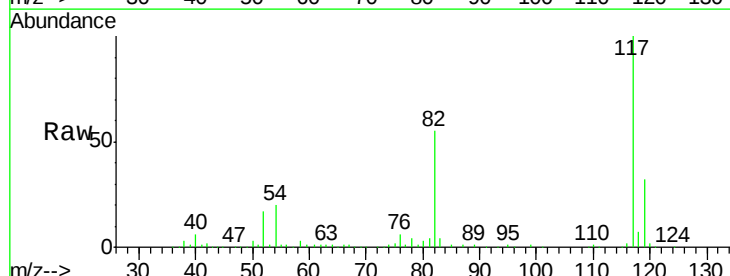
Manual Integrations
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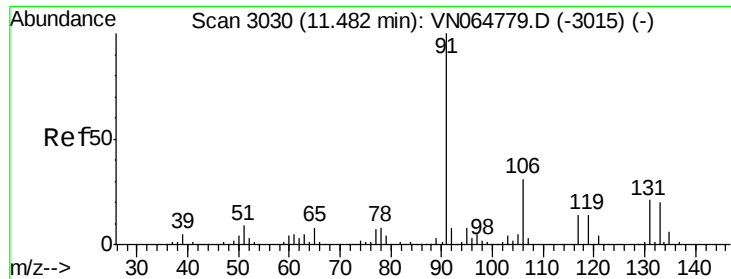
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	321516		
82	55.2	44.2	66.2	
119	32.0	25.8	38.6	





#67

Ethyl Benzene

Concen: 336.026 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA_N

ClientSampled :

MW-12

Tot Ion: 91 Resp: 3875859

Ion Ratio Lower Upper

91 100

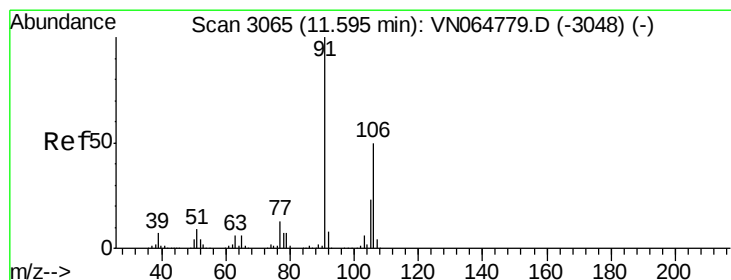
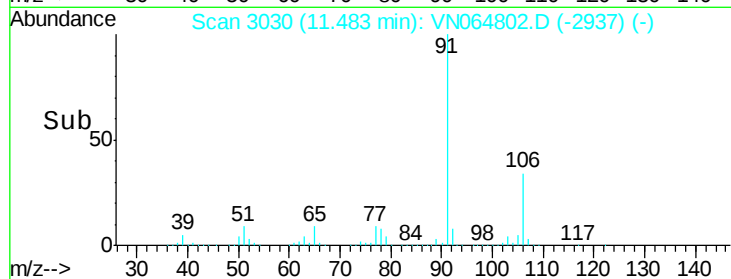
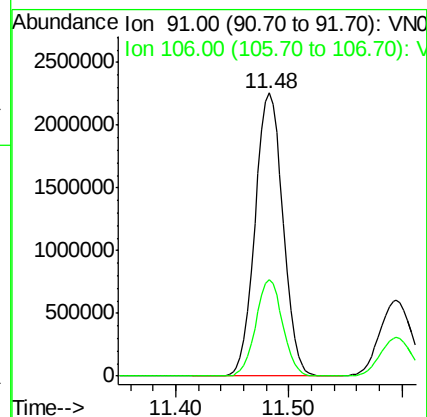
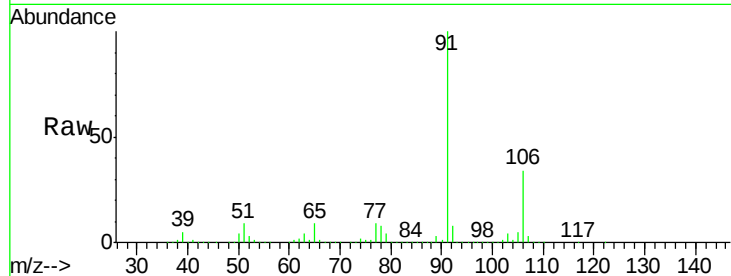
106 34.1 25.2 37.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 135.838 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064802.D

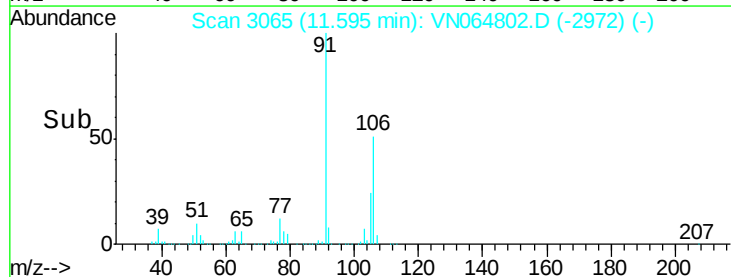
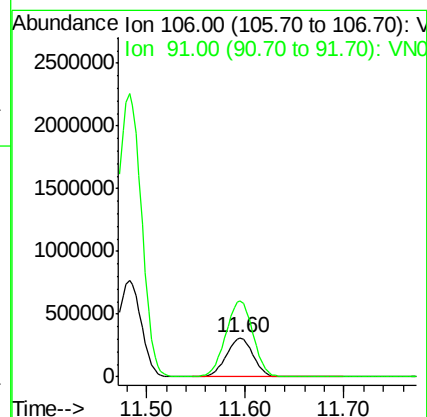
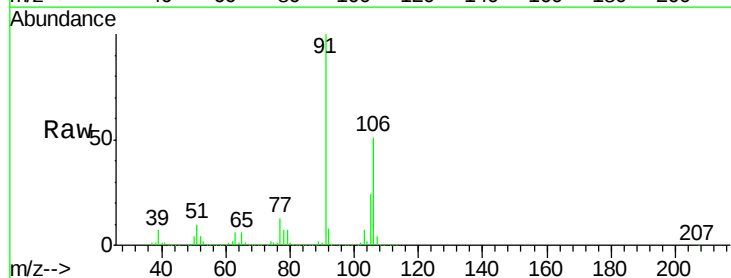
Acq: 24 Nov 2020 11:50

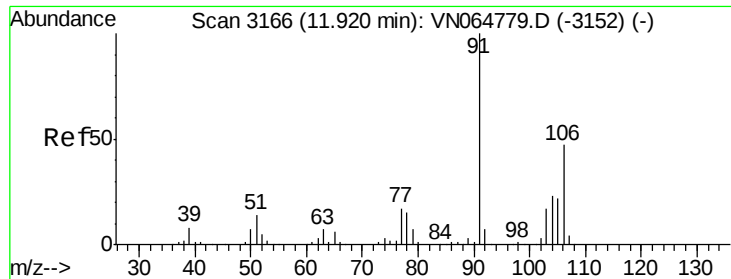
Tgt Ion: 106 Resp: 593205

Ion Ratio Lower Upper

106 100

91 198.9 161.0 241.4





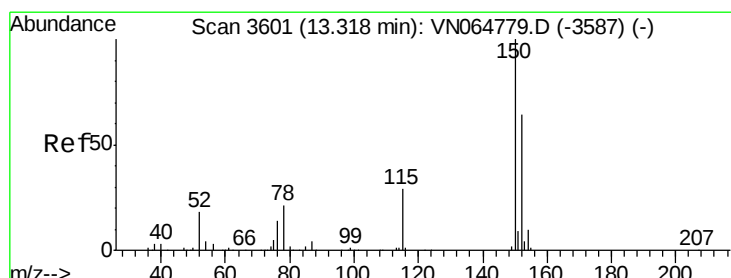
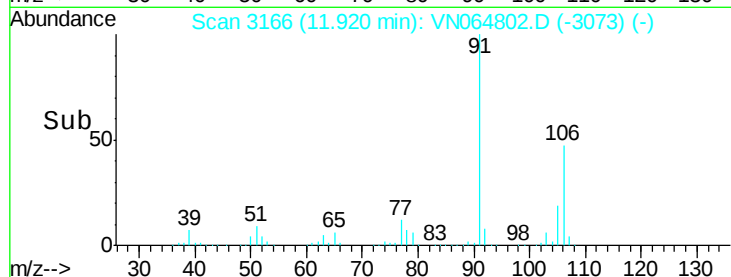
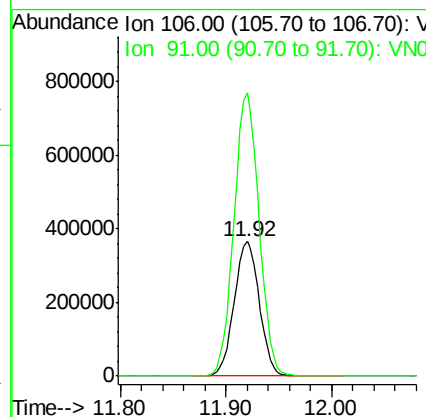
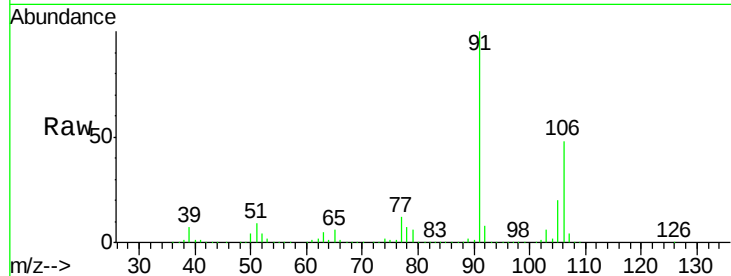
#69
o-Xylene
Concen: 144.884 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Instrument :
MSVOA_N
ClientSampled :
MW-12

Tot Ion	Ratio	Resp	Lower	Upper
106	100	600411		
91	210.2	105.5	316.5	

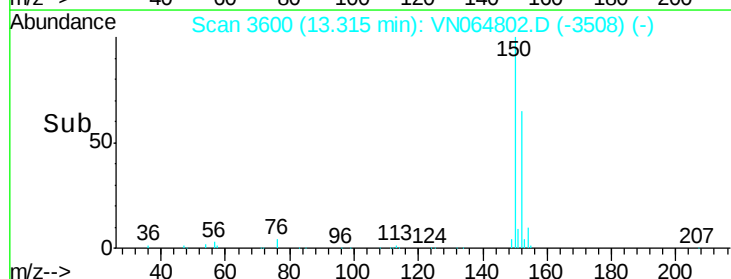
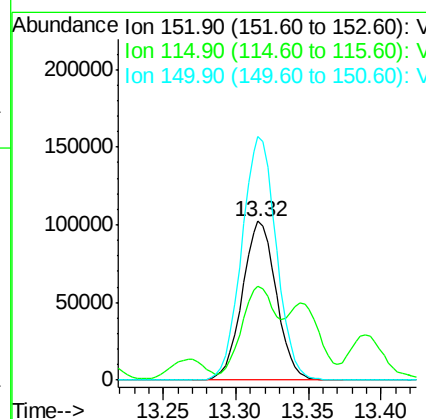
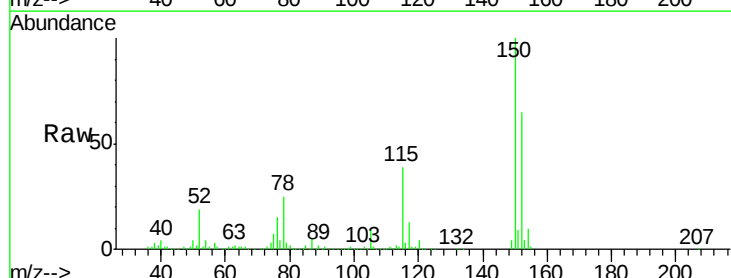
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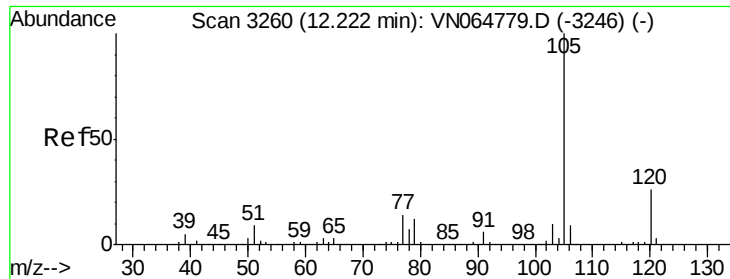
MMDadoda
11/25/2020 3:57:07 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	166249		
115	53.9	29.7	89.1	
150	156.2	0.0	350.6	





#73

Isopropylbenzene

Concen: 95.309 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA_N

ClientSampled :

MW-12

Tot Ion:105 Resp: 1102135

Ion Ratio Lower Upper

105 100

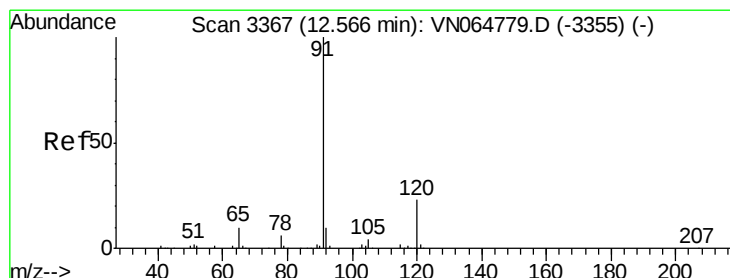
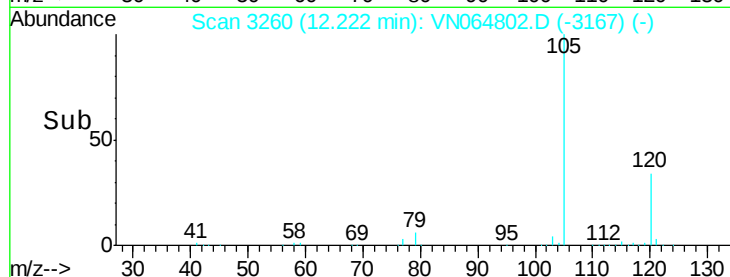
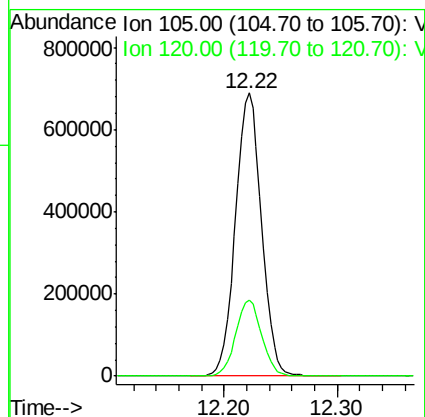
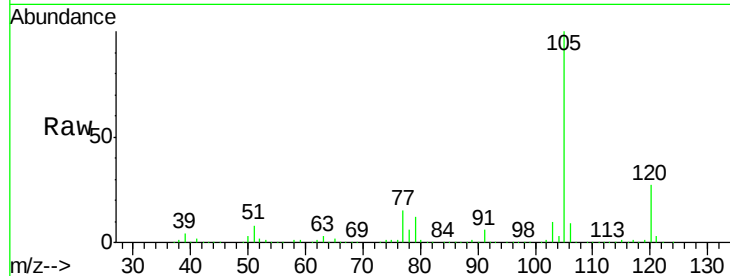
120 26.8 13.3 39.9

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#78

n-propylbenzene

Concen: 84.723 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064802.D

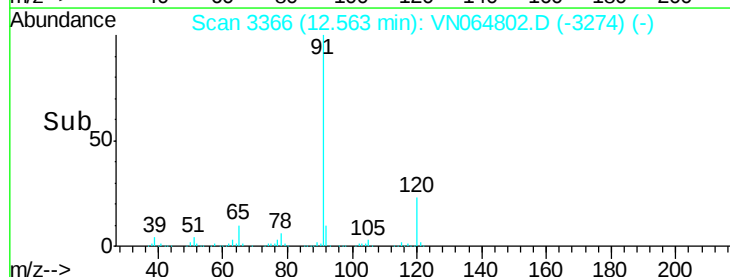
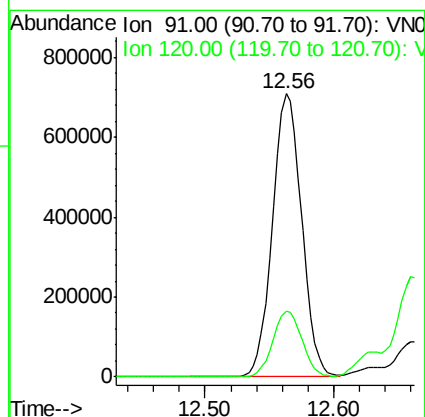
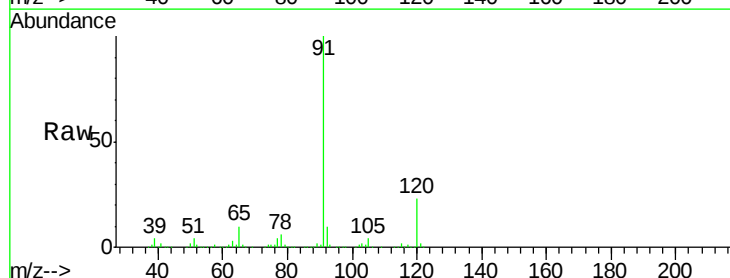
Acq: 24 Nov 2020 11:50

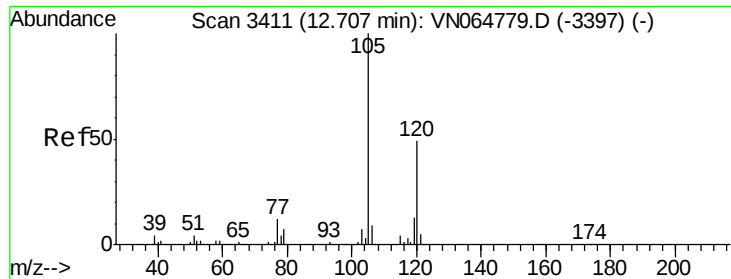
Tgt Ion: 91 Resp: 1116096

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.7





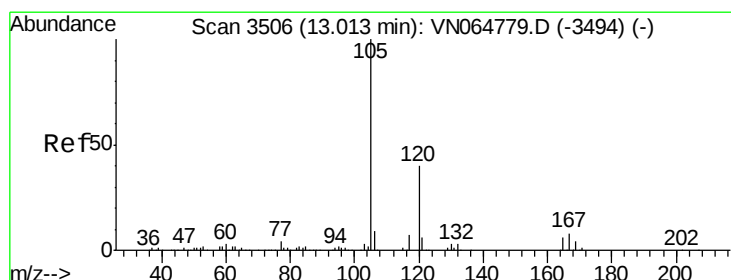
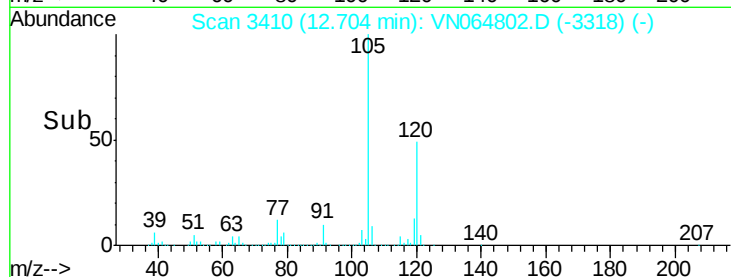
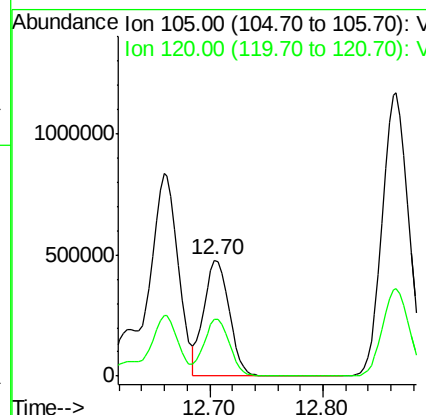
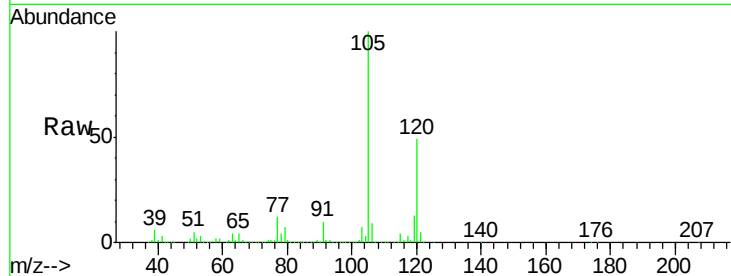
#80
 1,3,5-Trimethylbenzene
 Concen: 77.632 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064802.D
 Acq: 24 Nov 2020 11:50

Instrument :
 MSVOA_N
 ClientSampled :
 MW-12

Tot Ion:105 Resp: 746184
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.6

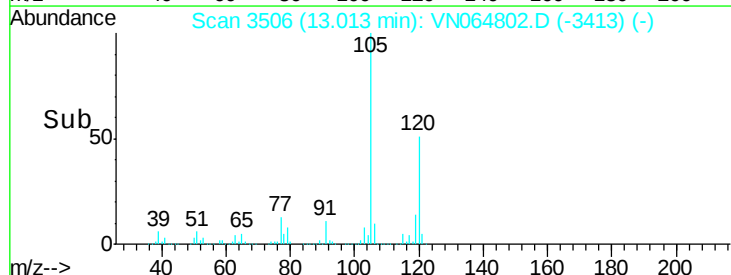
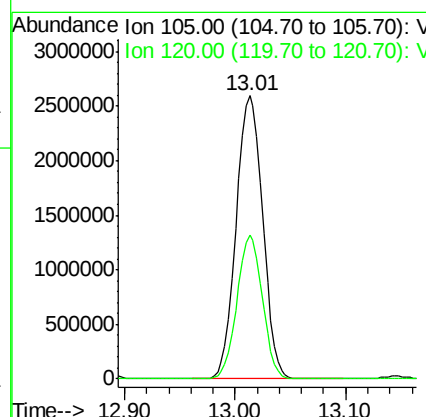
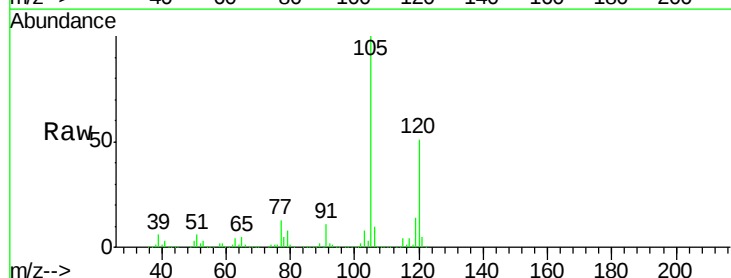
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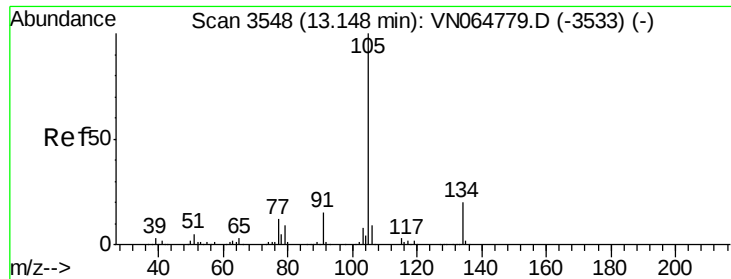
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#84
 1,2,4-Trimethylbenzene
 Concen: 445.357 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064802.D
 Acq: 24 Nov 2020 11:50

Tgt Ion:105 Resp: 4328056
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 3.675 ug/l m

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA_N

ClientSampled :

MW-12

Tot Ion:105 Resp: 39310

Ion Ratio Lower Upper

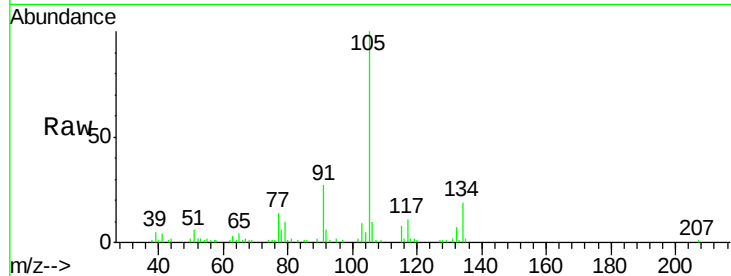
105 100

134 0.0 10.1 30.1#

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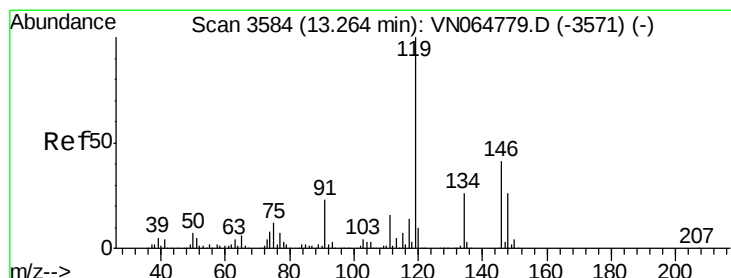
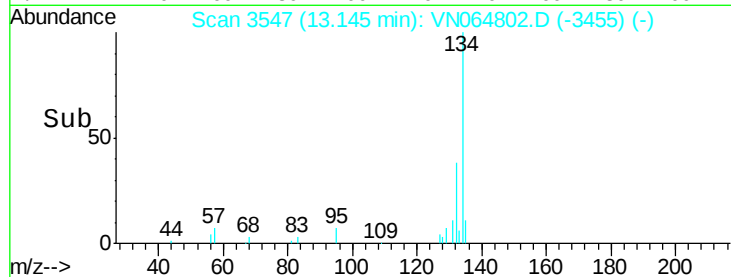
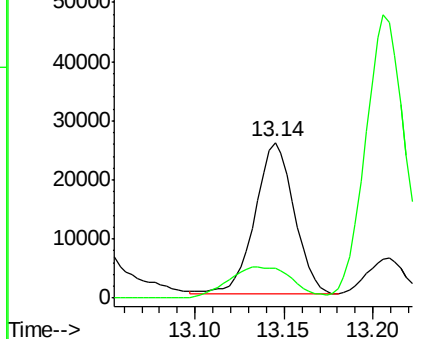
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 13.829 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

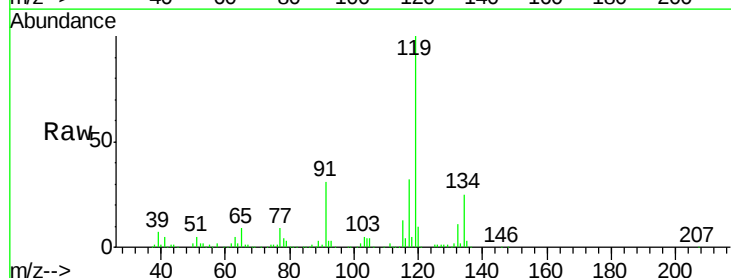
Tgt Ion:119 Resp: 134676

Ion Ratio Lower Upper

119 100

134 24.9 13.1 39.1

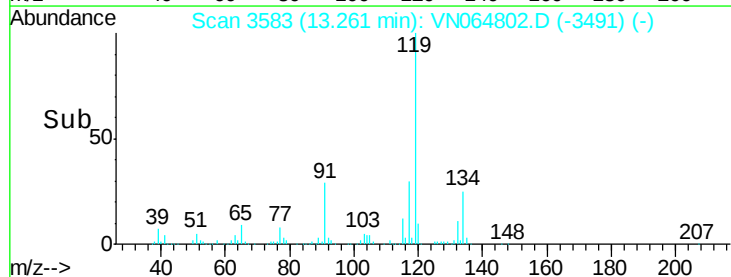
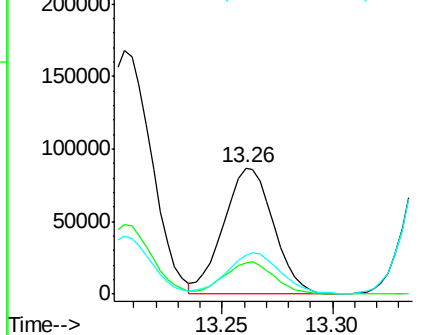
91 33.6 11.5 34.5

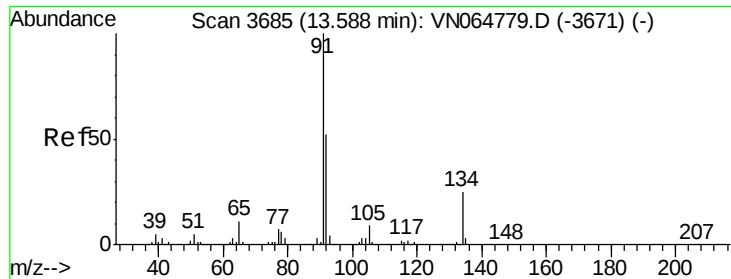


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





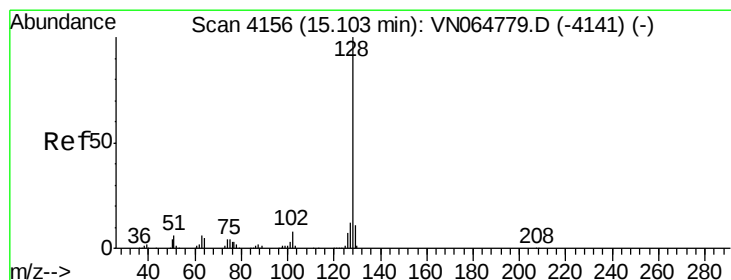
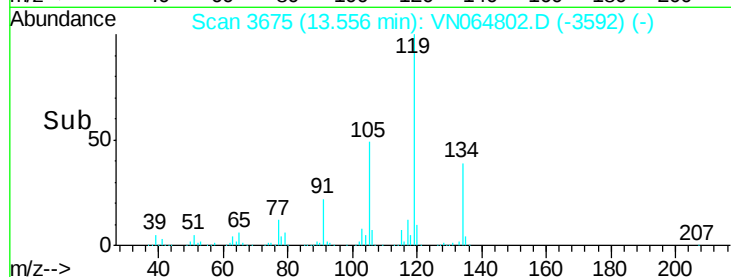
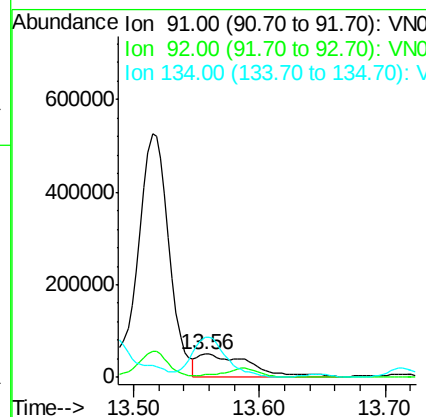
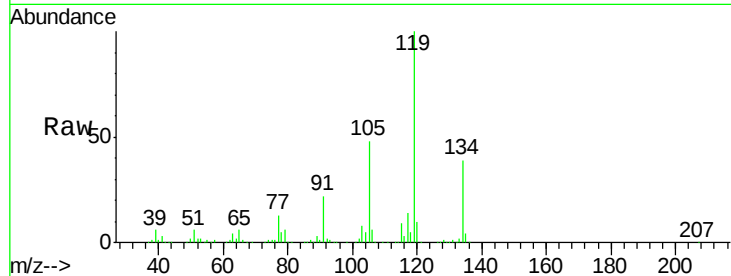
#89
n-Butylbenzene
Concen: 16.216 ug/l m
RT: 13.56 min Scan# 3675
Delta R.T. -0.03 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
91	100		
92	71.8	26.0	78.0
134	0.0	12.9	38.6#

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#95
Naphthalene
Concen: 1126.789 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064802.D
Acq: 24 Nov 2020 11:50

Tgt Ion	Ratio	Lower	Upper
128	100		
127	26.4	10.3	15.5#
129	23.3	8.7	13.1#

