

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064818.D
 Acq On : 24 Nov 2020 18:16
 Operator : JC/MD
 Sample : L4829-07DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Manual Integrations
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 11/25/2020 3:57:35 PM

Quant Time: Nov 25 05:26:33 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	7.62	168	161830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	299327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	94641	50.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.60%
35) Dibromofluoromethane	7.55	113	88894	51.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.38%
50) Toluene-d8	10.06	98	357974	50.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.90%
62) 4-Bromofluorobenzene	12.37	95	153149	60.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.04	83	5203	1.814	ug/l	97
40) Benzene	8.00	78	5485	0.672	ug/l	91
52) Toluene	10.12	92	2305	0.459	ug/l	84
67) Ethyl Benzene	11.48	91	232335	21.636	ug/l	98
68) m/p-Xylenes	11.59	106	35097	8.633	ug/l	98
69) o-Xylene	11.92	106	34242	8.875	ug/l	99
73) Isopropylbenzene	12.22	105	61053	5.605	ug/l	100
78) n-propylbenzene	12.56	91	64802	5.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	44367	4.900	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	271948	29.708	ug/l	99
85) sec-Butylbenzene	13.14	105	5247m	0.521	ug/l	
86) p-Isopropyltoluene	13.26	119	8791m	0.958	ug/l	
89) n-Butylbenzene	13.59	91	9594m	1.191	ug/l	
95) Naphthalene	15.10	128	1405066	147.991	ug/l	100

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

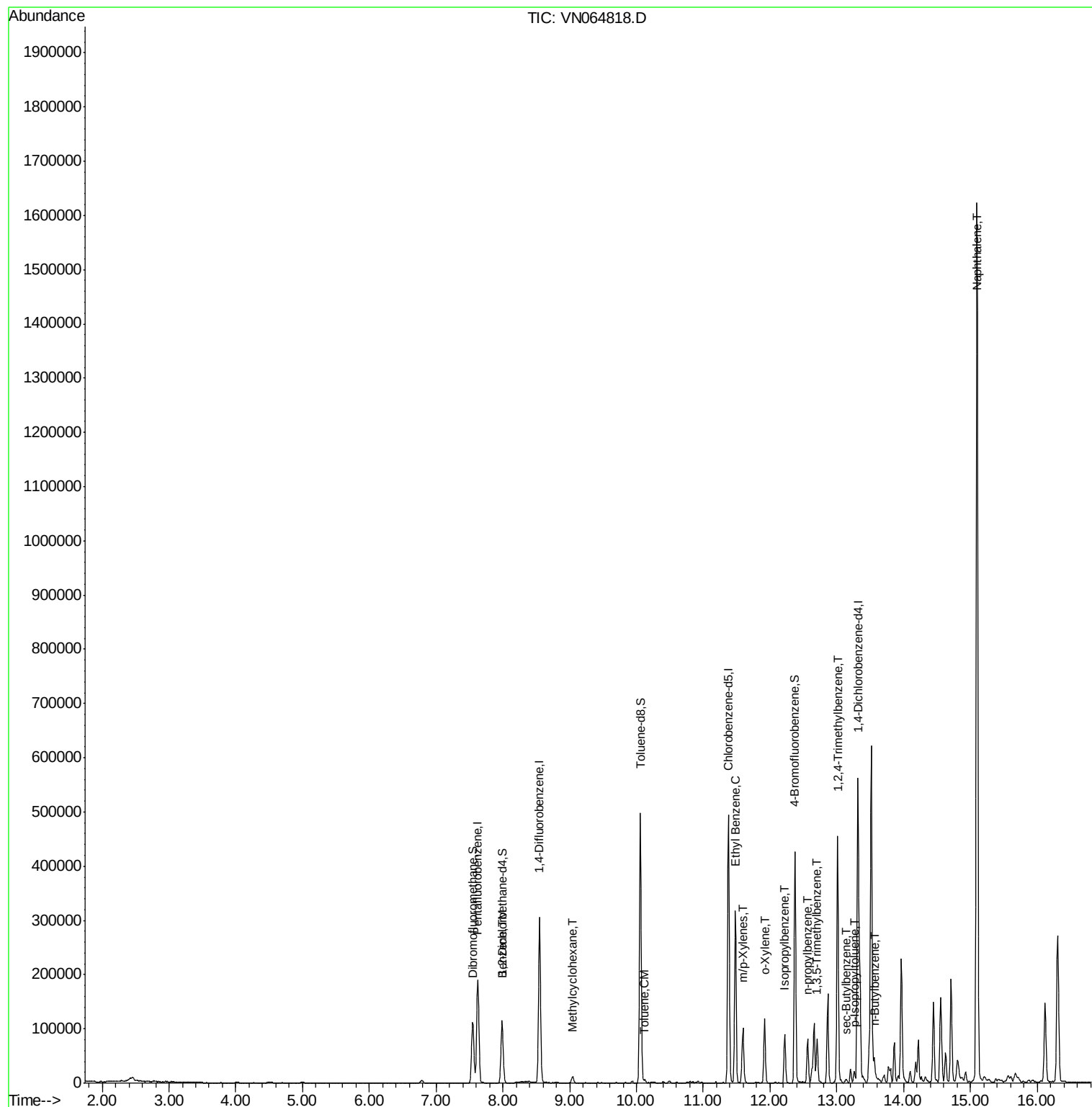
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064818.D
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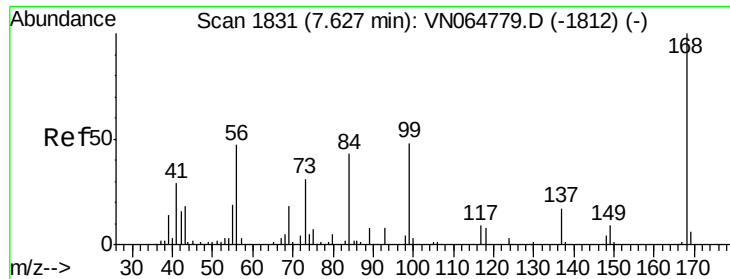
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Manual Integrations
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Quant Time: Nov 25 05:26:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
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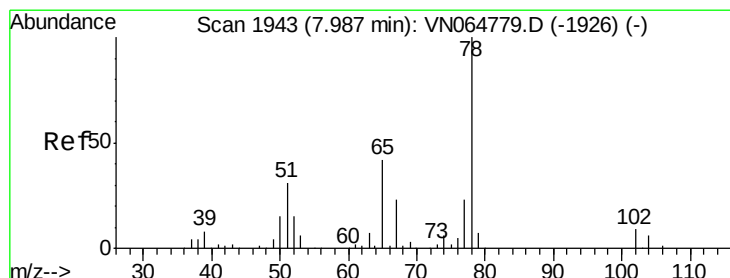
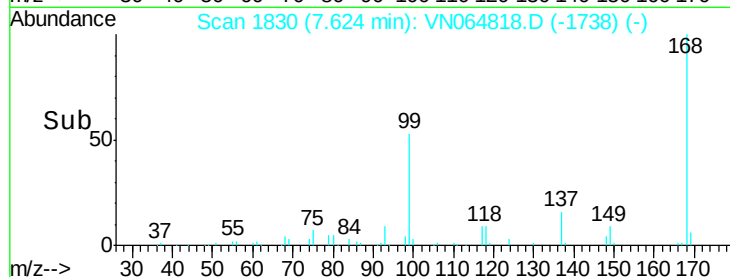
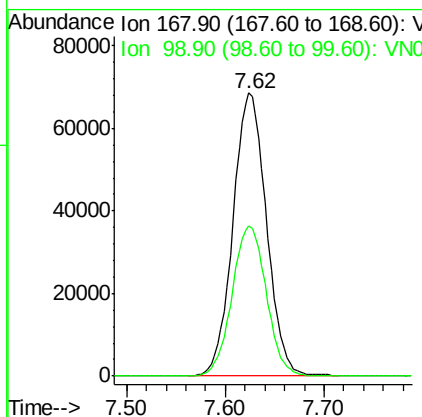
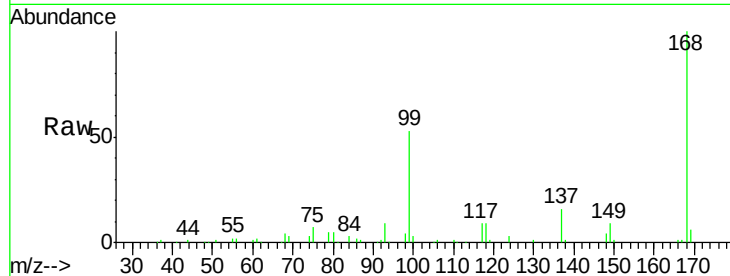
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Instrument :
MSVOA_N
ClientSampled :
MW-12DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	161830		
99	53.2	43.0	64.4	

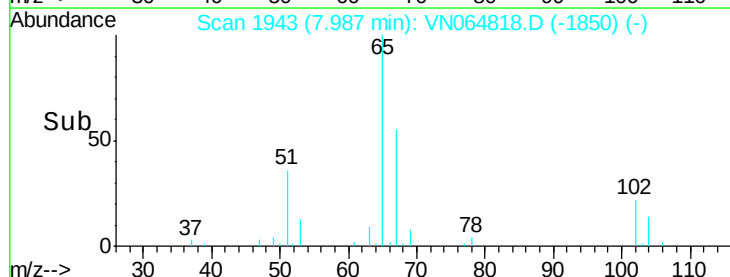
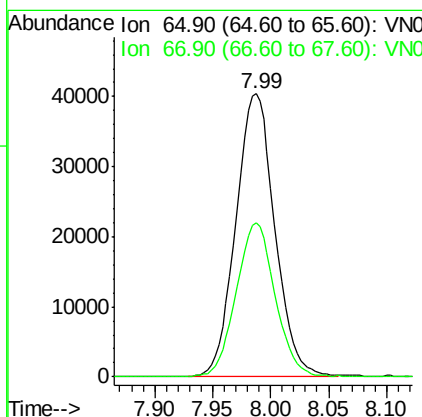
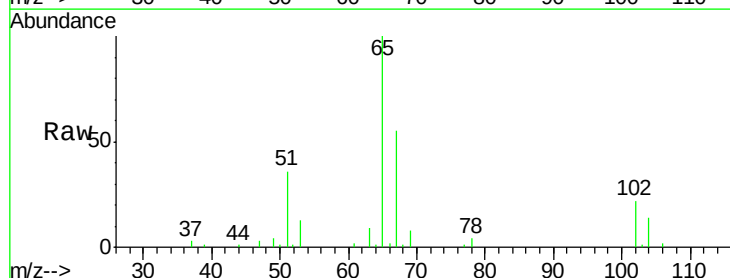
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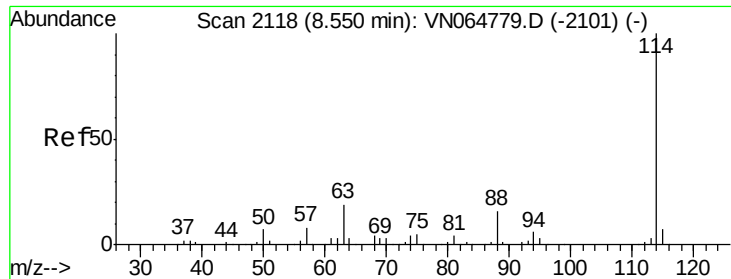
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#33
1,2-Dichloroethane-d4
Concen: 50.304 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	94641		
67	54.3	0.0	108.2	





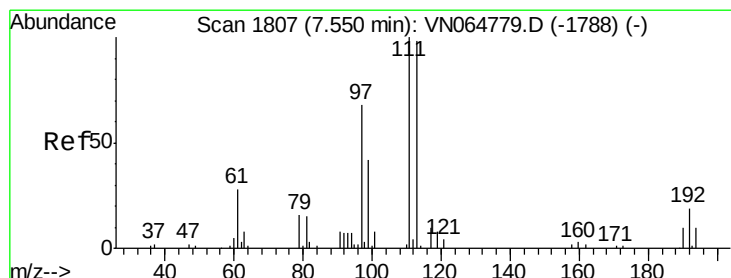
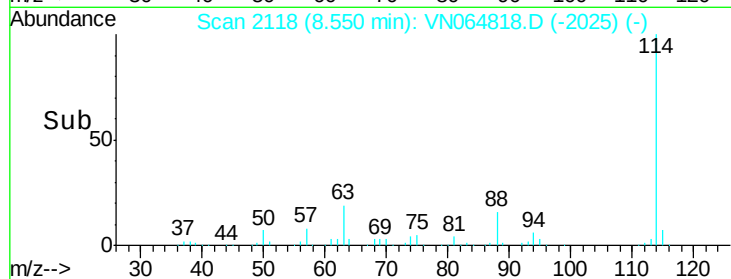
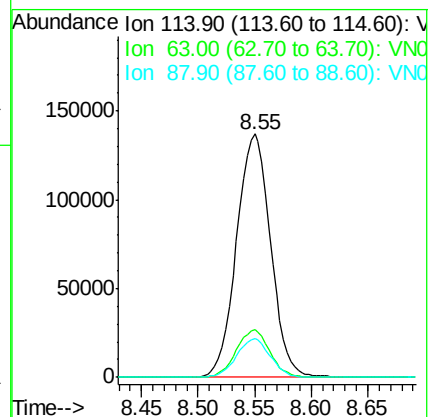
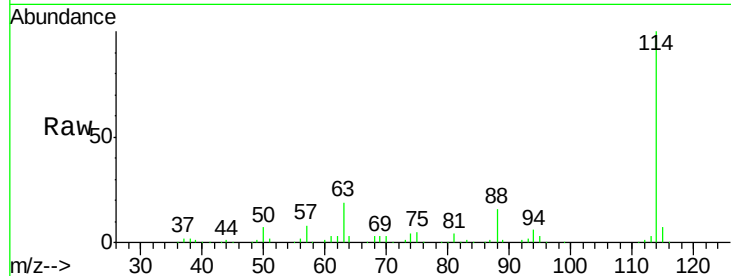
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.4	0.0	38.6
88	15.7	0.0	32.6

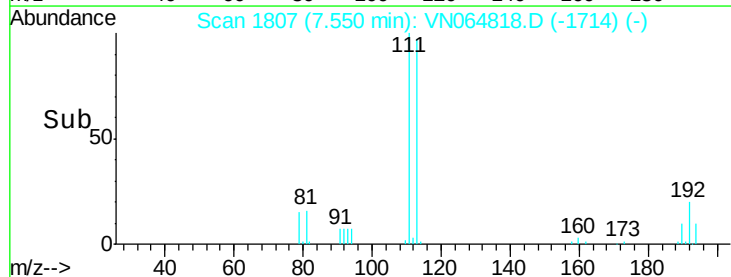
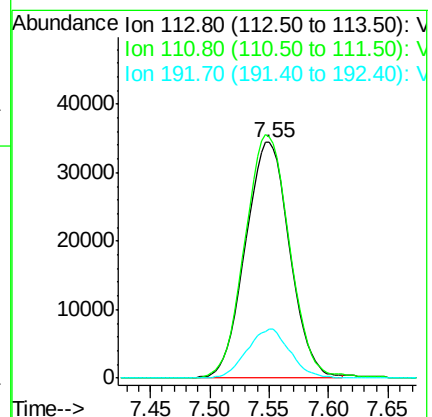
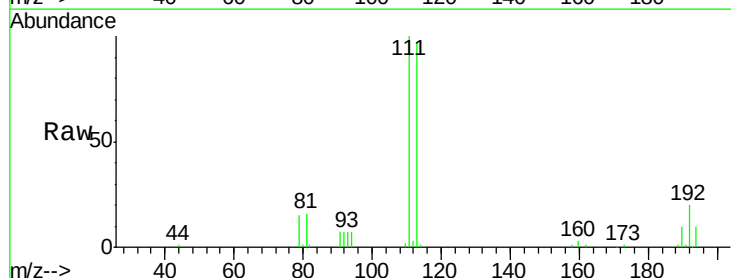
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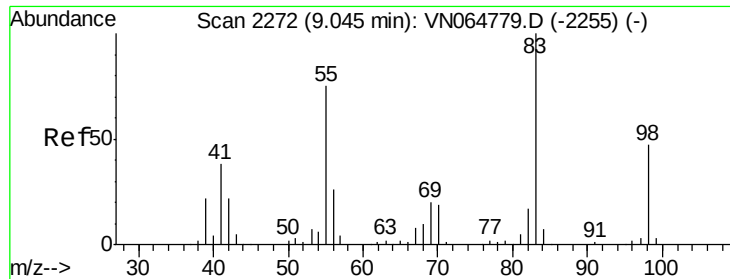
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#35
Dibromofluoromethane
Concen: 51.694 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	104.3	81.6	122.4
192	20.2	16.2	24.2





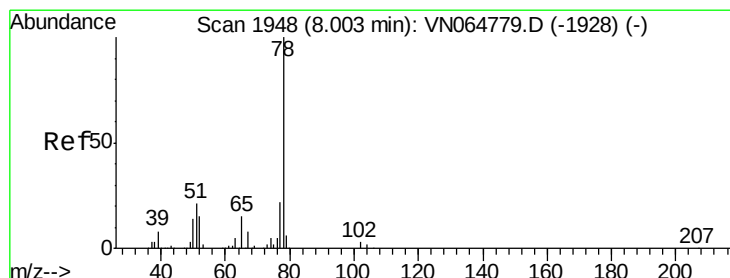
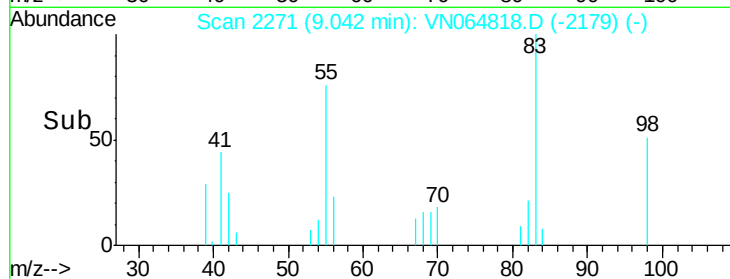
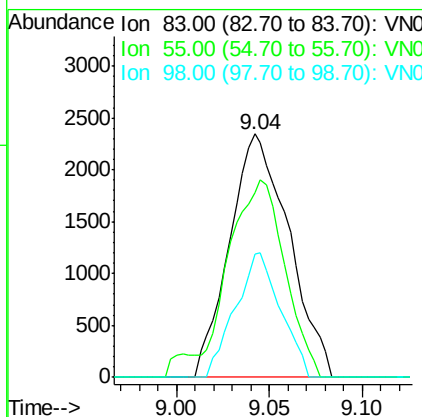
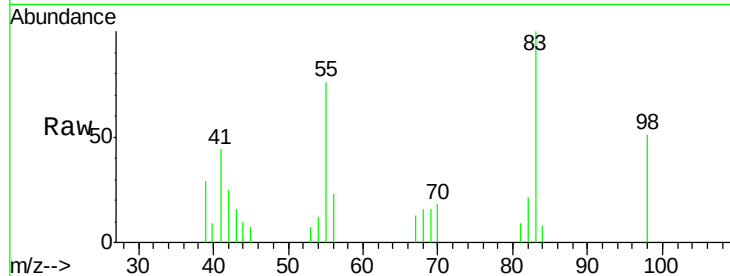
#39
Methylvlcyclohexane
Concen: 1.814 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.2	90.2
98	50.8	37.4	56.2

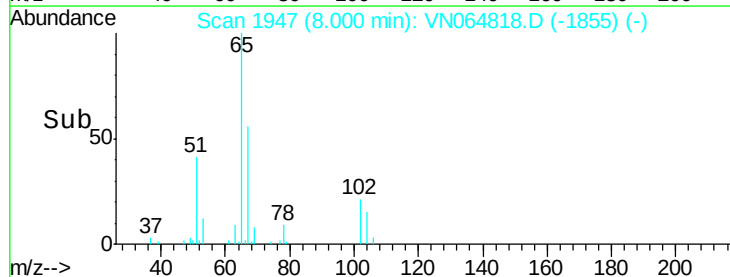
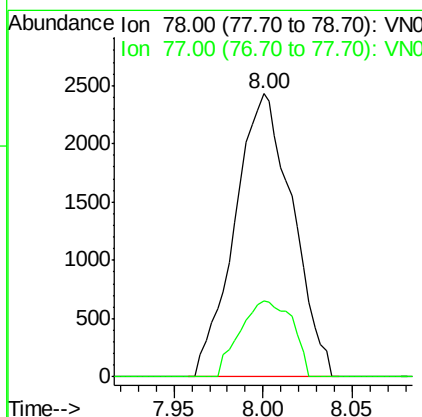
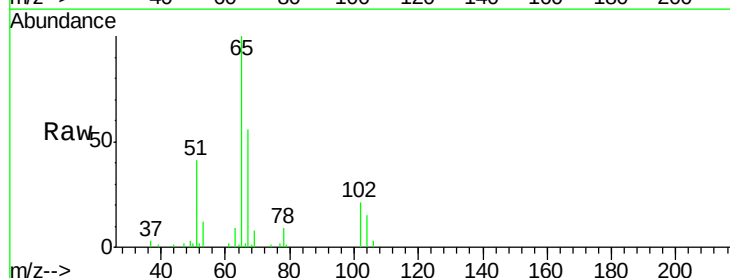
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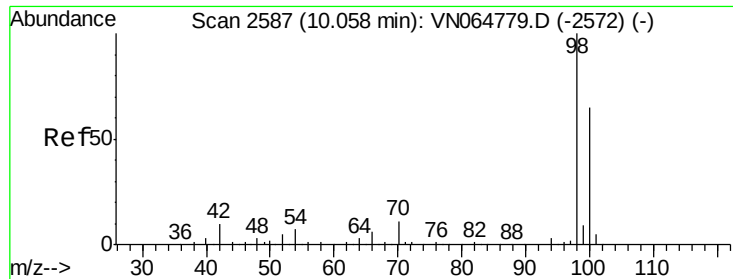
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#40
Benzene
Concen: 0.672 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.8	17.9	26.9





#50

Toluene-d8

Concen: 50.948 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

Tot Ion: 98 Resp: 357974

Ion Ratio Lower Upper

98 100

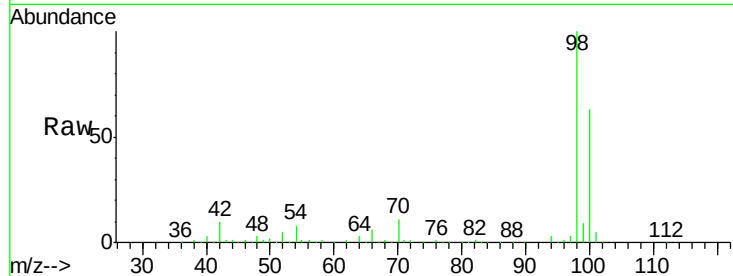
100 64.2 51.7 77.5

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

200000

150000

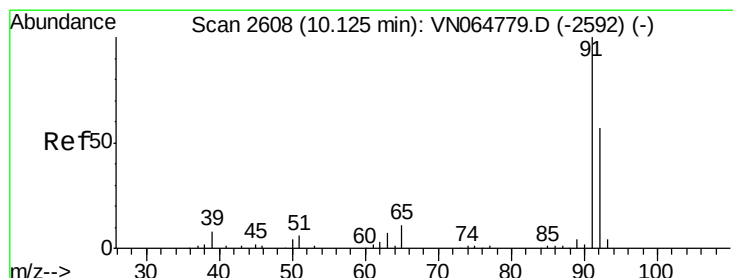
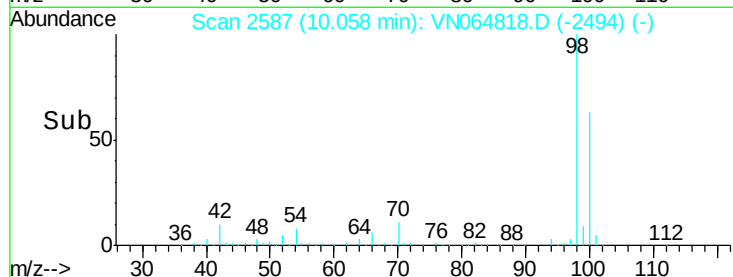
100000

50000

0

10.00 10.10

Time-->



#52

Toluene

Concen: 0.459 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064818.D

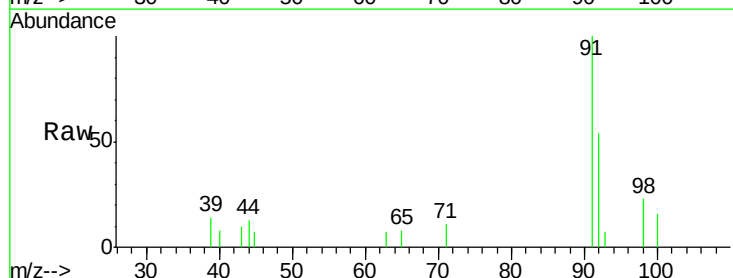
Acq: 24 Nov 2020 18:16

Tgt Ion: 92 Resp: 2305

Ion Ratio Lower Upper

92 100

91 195.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

3000

2500

2000

1500

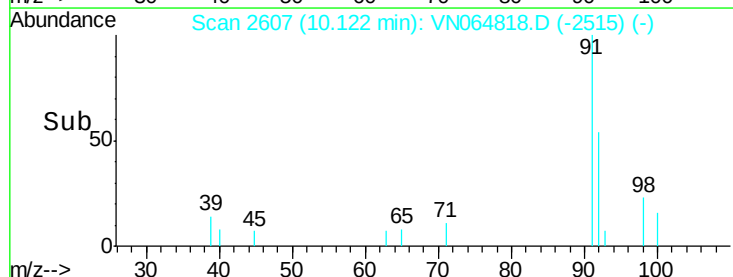
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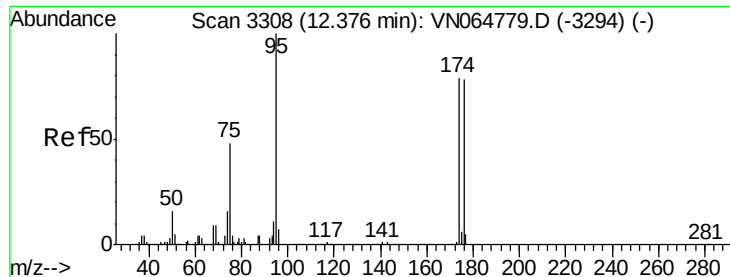
500

0

10.10 10.15

Time-->





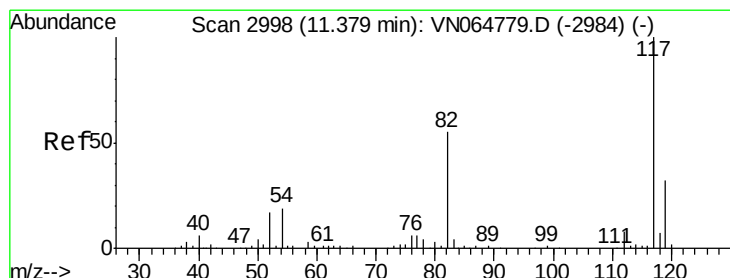
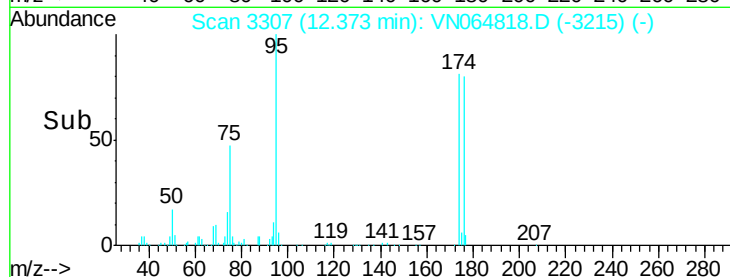
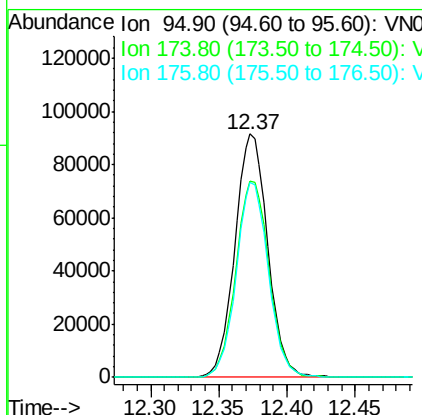
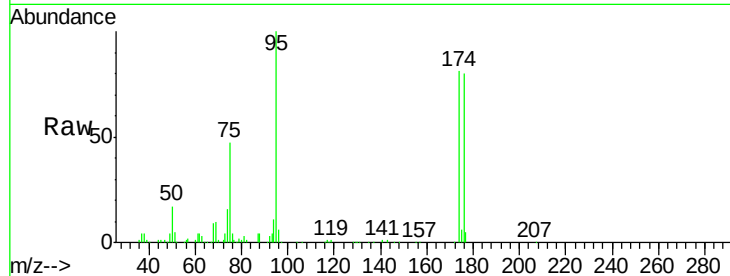
#62
4-Bromofluorobenzene
Concen: 60.905 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	153149		
174	81.4	0.0	160.4	
176	78.3	0.0	158.4	

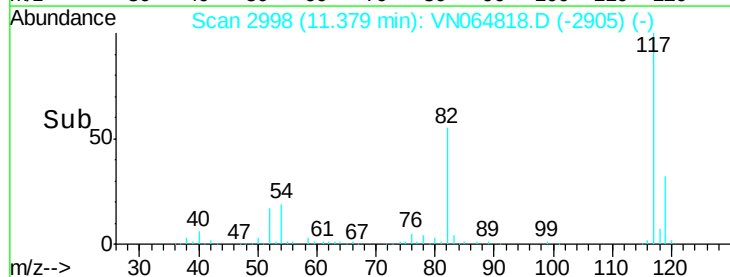
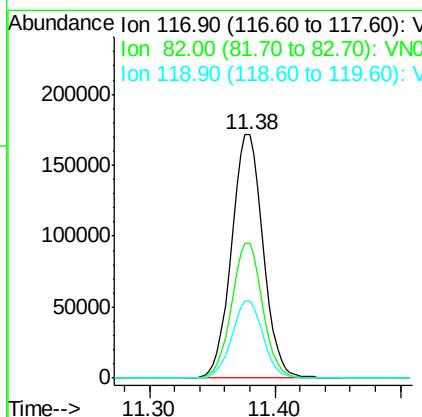
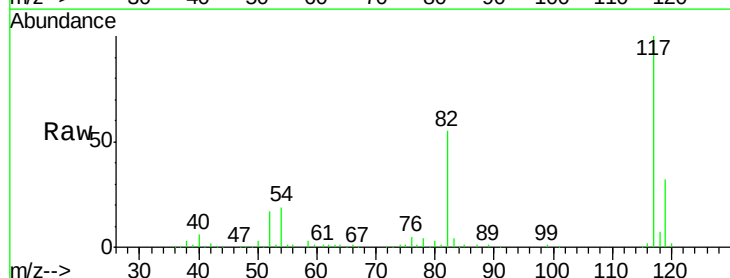
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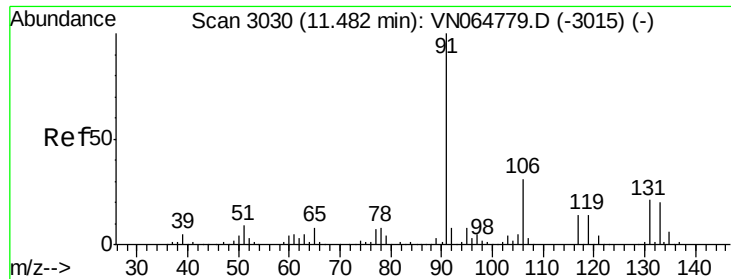
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299327		
82	55.3	44.2	66.2	
119	31.9	25.8	38.6	





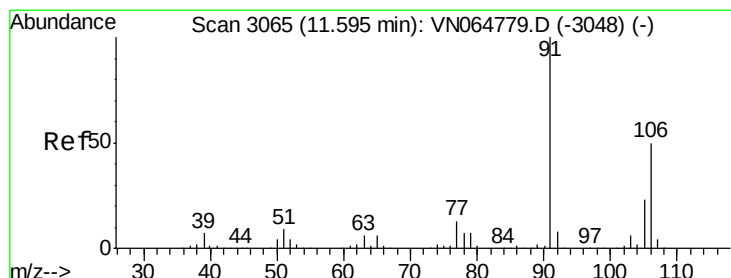
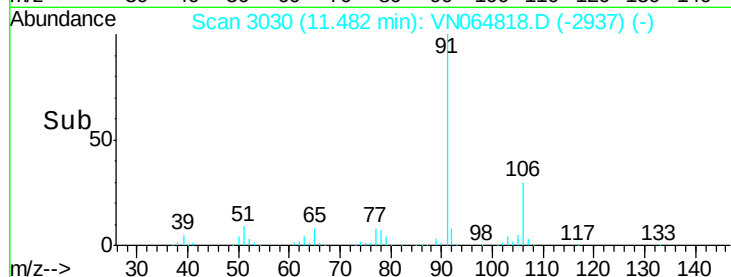
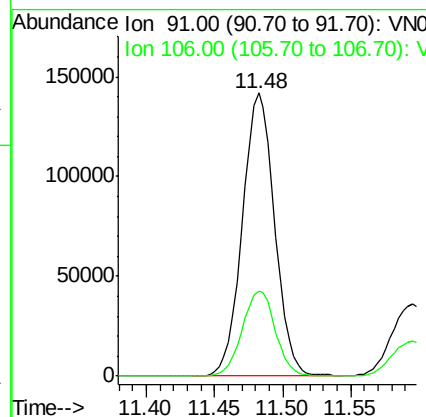
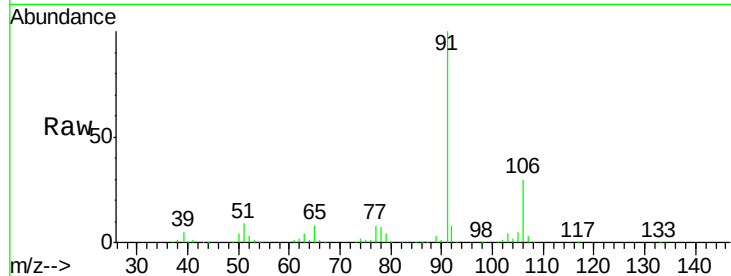
#67
Ethyl Benzene
Concen: 21.636 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tot Ion: 91 Resp: 232335
Ion Ratio Lower Upper
91 100
106 30.2 25.2 37.8

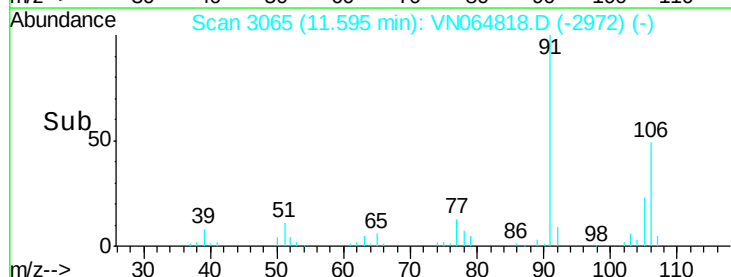
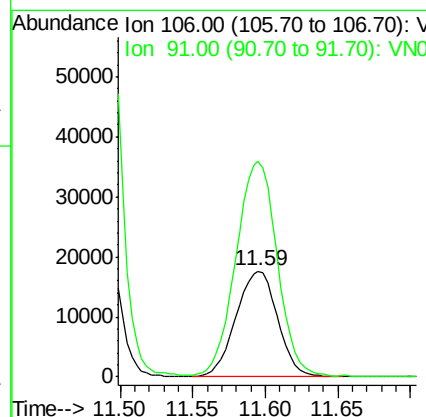
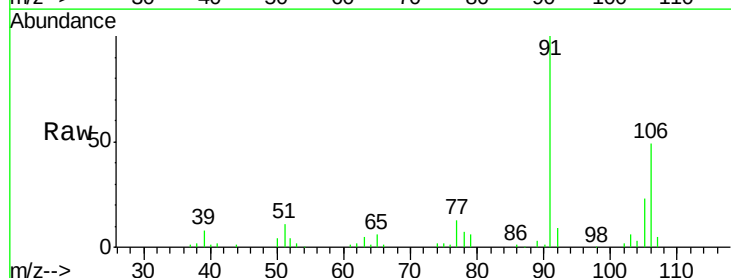
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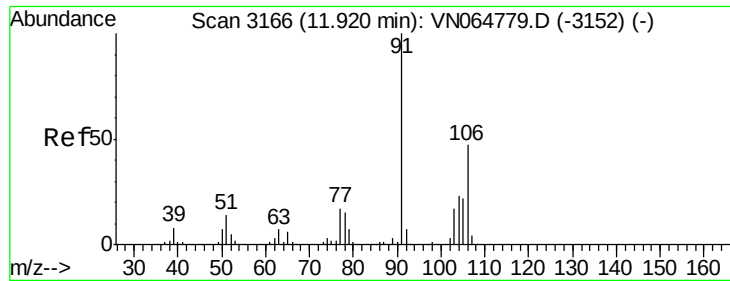
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#68
m/p-Xylenes
Concen: 8.633 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion: 106 Resp: 35097
Ion Ratio Lower Upper
106 100
91 203.6 161.0 241.4





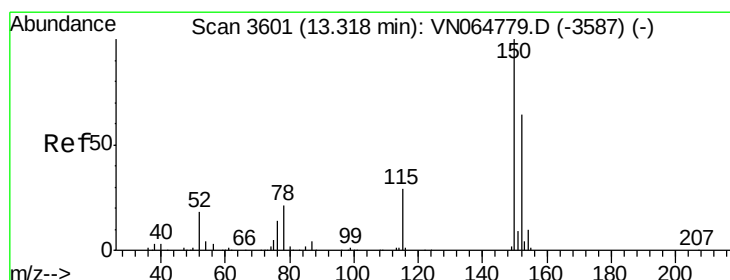
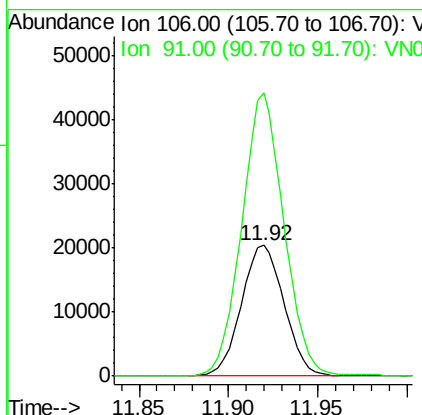
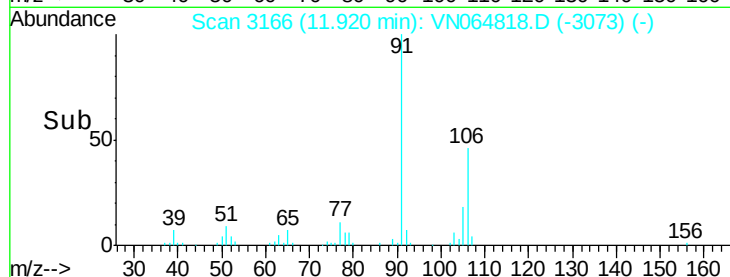
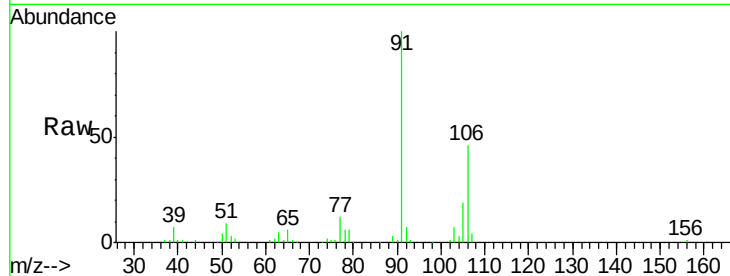
#69
o-Xylene
Concen: 8.875 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Instrument :
MSVOA_N
ClientSampled :
MW-12DL

Tot Ion:106 Resp: 34242
Ion Ratio Lower Upper
106 100
91 213.2 105.5 316.5

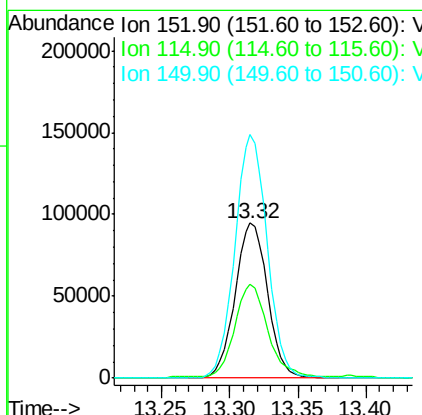
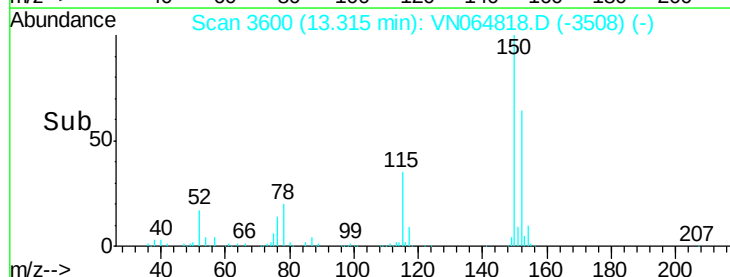
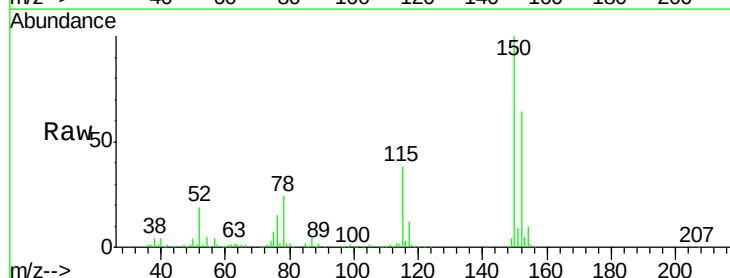
Manual Integrations
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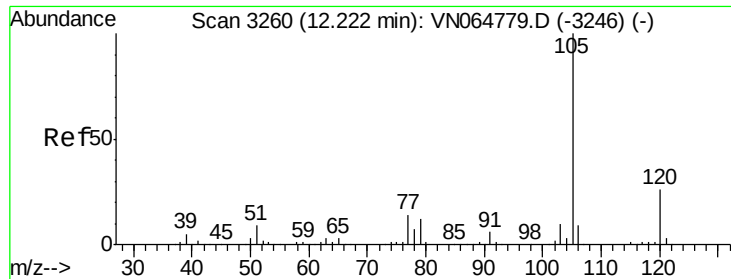
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion:152 Resp: 156601
Ion Ratio Lower Upper
152 100
115 61.1 29.7 89.1
150 156.3 0.0 350.6





#73

Isopropylbenzene

Concen: 5.605 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

Tot Ion:105 Resp: 61053

Ion Ratio Lower Upper

105 100

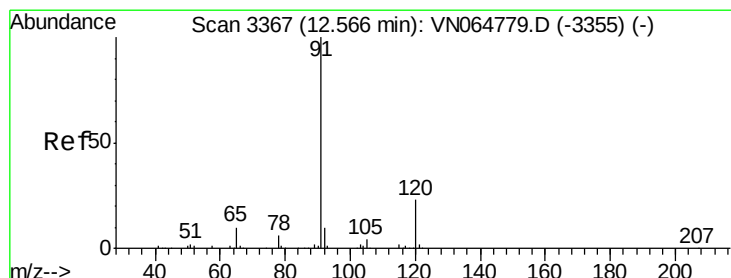
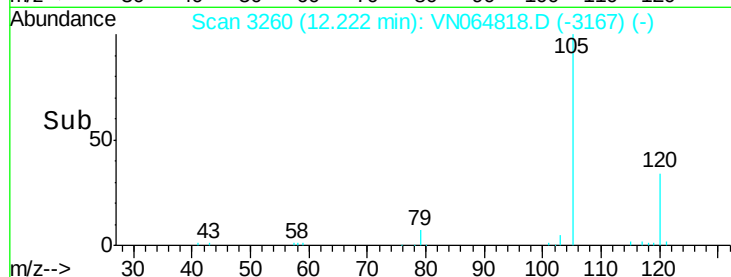
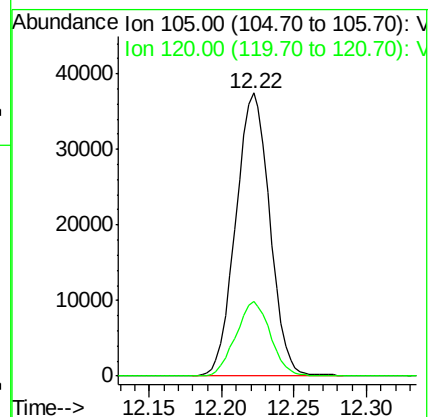
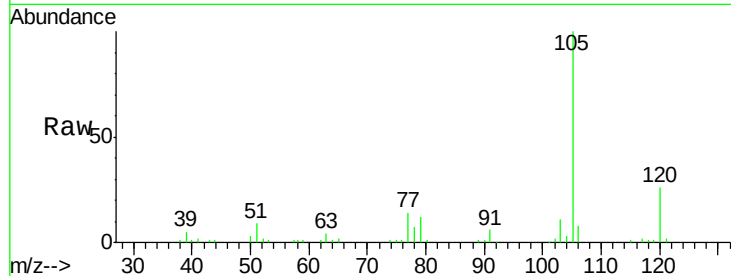
120 26.6 13.3 39.9

Manual Integrations

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#78

n-propylbenzene

Concen: 5.222 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064818.D

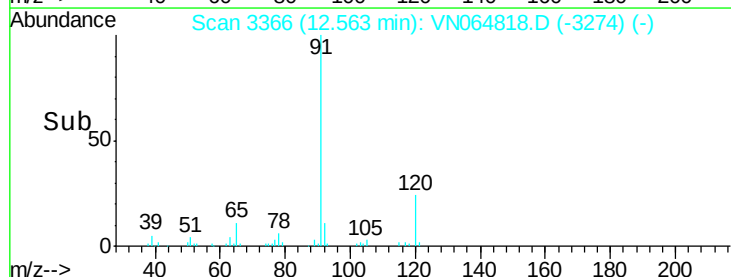
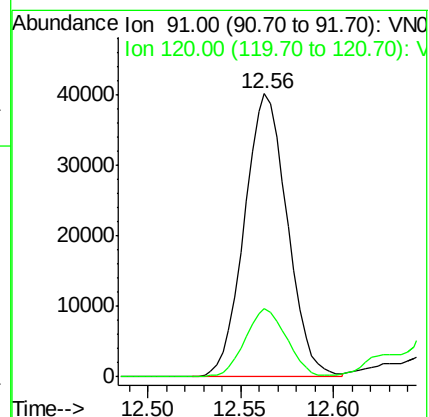
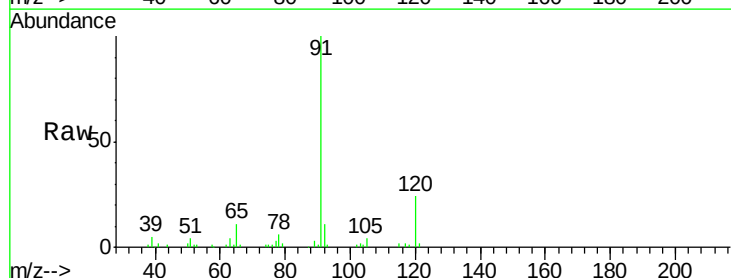
Acq: 24 Nov 2020 18:16

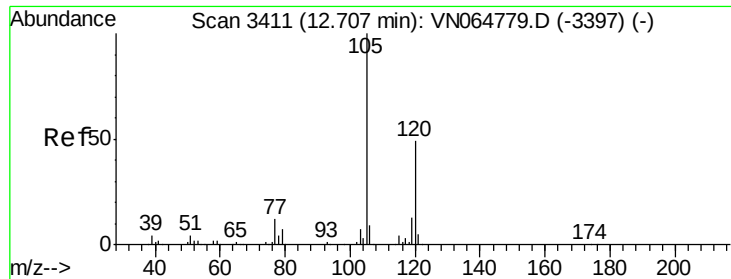
Tgt Ion: 91 Resp: 64802

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.7





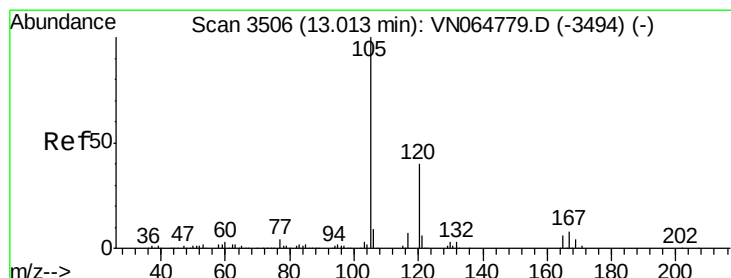
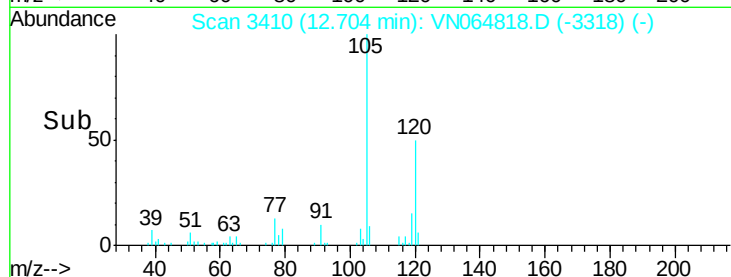
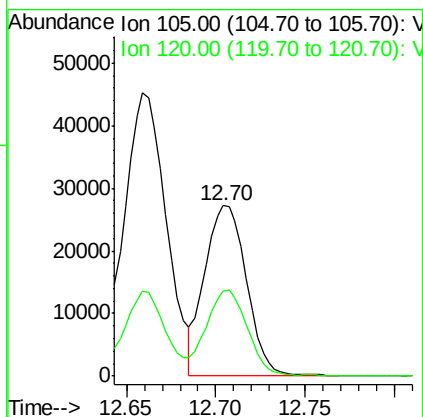
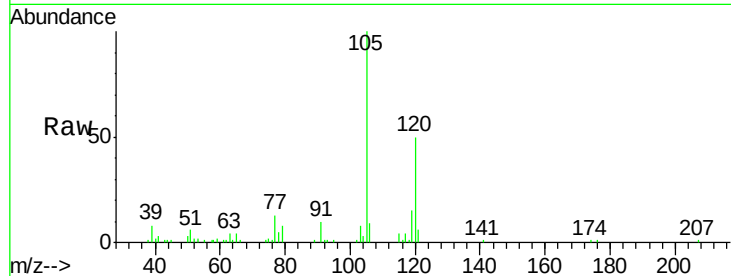
#80
 1,3,5-Trimethylbenzene
 Concen: 4.900 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

Instrument :
 MSVOA_N
 ClientSampled :
 MW-12DL

Tot Ion:105 Resp: 44367
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.6 73.6

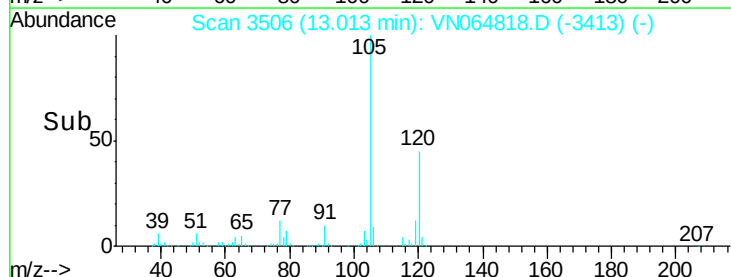
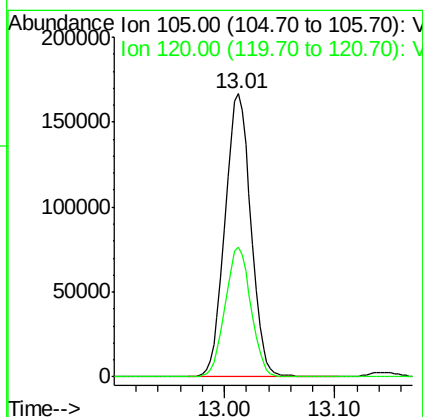
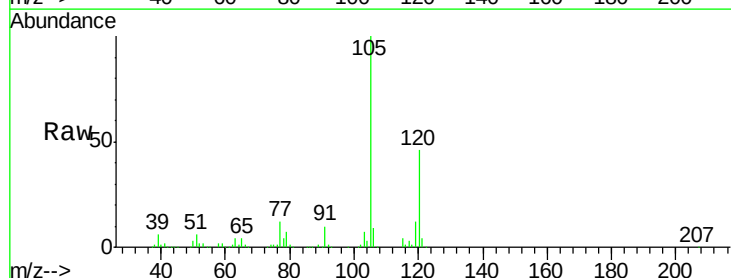
Manual Integrations
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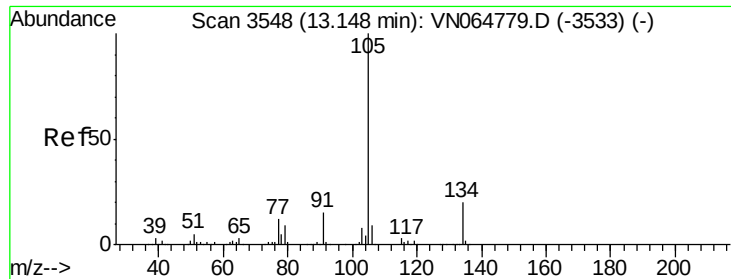
MMDadoda
 11/25/2020 3:57:35 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 29.708 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

Tgt Ion:105 Resp: 271948
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 0.521 ug/l m

RT: 13.14 min Scan# 3546

Delta R.T. -0.01 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

Tot Ion:105 Resp: 5247

Ion Ratio Lower Upper

105 100

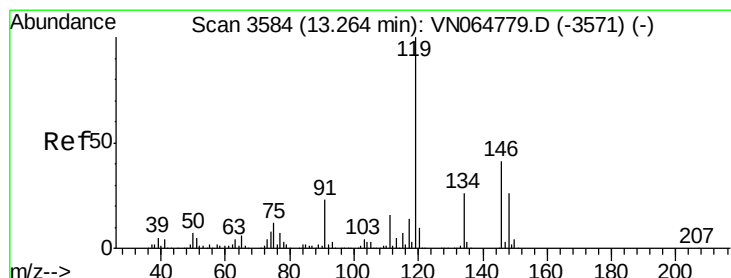
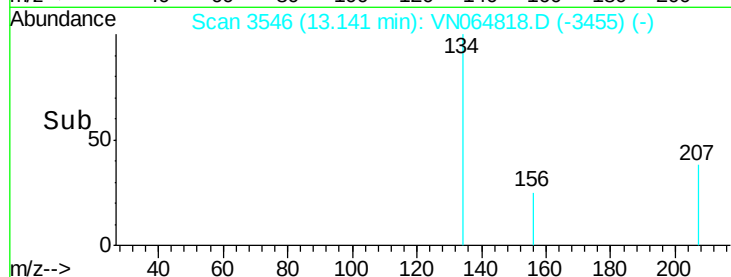
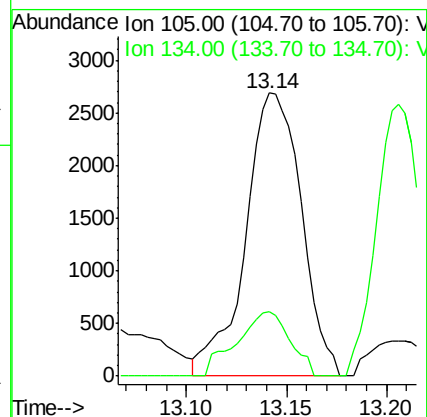
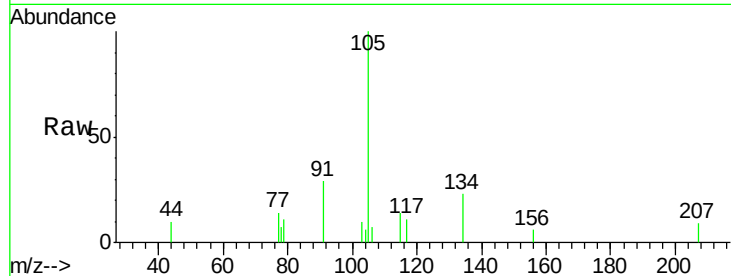
134 0.0 10.1 30.1#

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 0.958 ug/l m

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

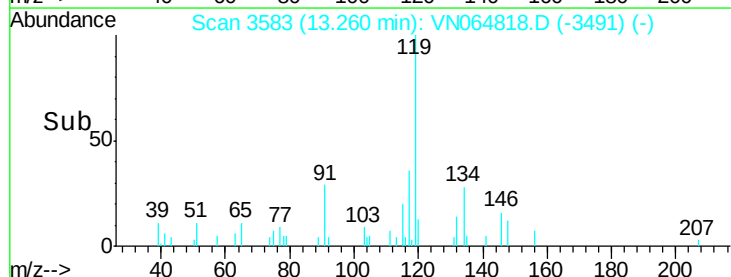
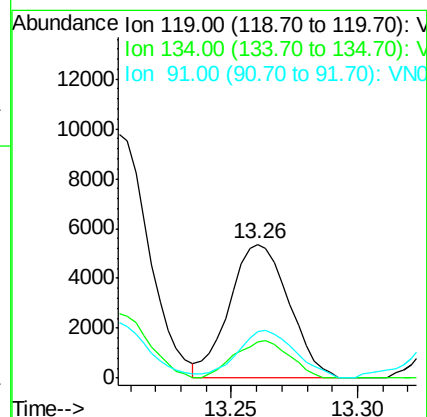
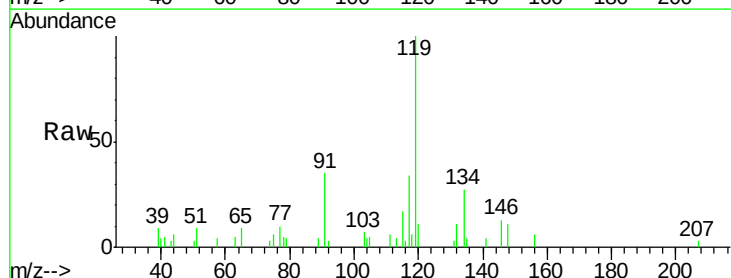
Tgt Ion:119 Resp: 8791

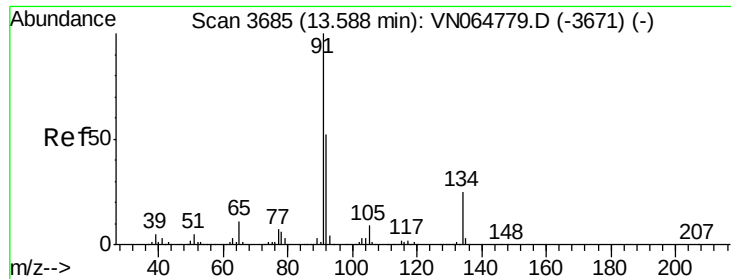
Ion Ratio Lower Upper

119 100

134 46.5 13.1 39.1#

91 41.6 11.5 34.5#





#89

n-Butylbenzene

Concen: 1.191 ug/l m

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

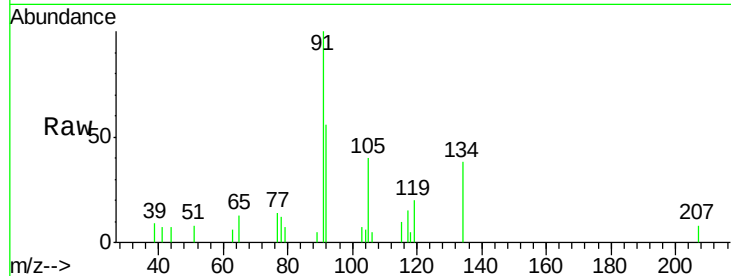
ClientSampleId :

MW-12DL

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	66.4	26.0	78.0	
134	0.0	12.9	38.6	

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:35 PM

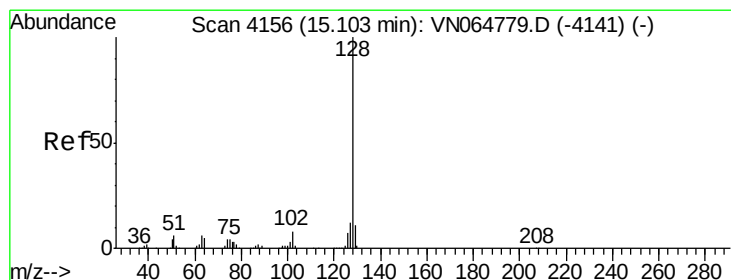
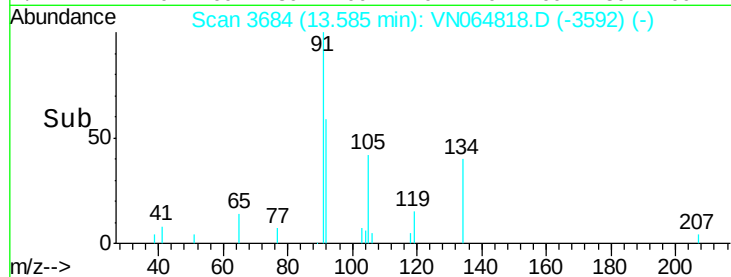
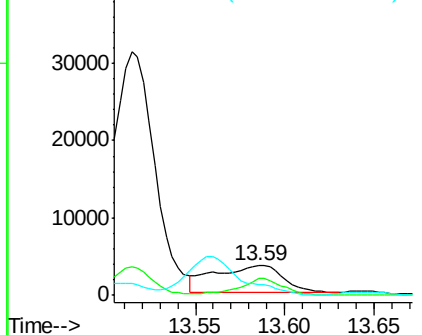


Abundance

Ion 91.00 (90.70 to 91.70): VN064779.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064779.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064779.D (-3671) (-)



#95

Naphthalene

Concen: 147.991 ug/l

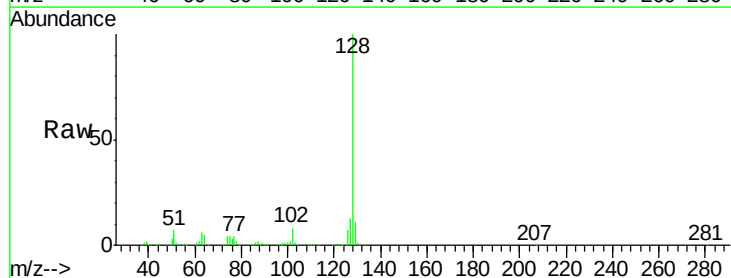
RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
127	12.7	10.3	15.5	
129	10.8	8.7	13.1	



Abundance

Ion 128.00 (127.70 to 128.70): VN064779.D (-4141) (-)

Ion 127.00 (126.70 to 127.70): VN064779.D (-4141) (-)

Ion 129.00 (128.70 to 129.70): VN064779.D (-4141) (-)

