

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064813.D
 Acq On : 24 Nov 2020 16:15
 Operator : JC/MD
 Sample : L4829-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Manual Integrations
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MMDadoda
 11/25/2020 3:57:26 PM

Quant Time: Nov 25 05:10:01 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	172833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	319296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	148351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	102746	51.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.28%
35) Dibromofluoromethane	7.55	113	94636	51.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.22%
50) Toluene-d8	10.06	98	385618	50.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.94%
62) 4-Bromofluorobenzene	12.37	95	154574	57.08	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.16%

Target Compounds

					Qvalue
16) Acetone	3.78	43	11745	17.782	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	5728m	1.066	ug/l
39) Methylcyclohexane	9.05	83	16109	5.217	ug/l 93
40) Benzene	8.00	78	53321	6.066	ug/l 100
67) Ethyl Benzene	11.48	91	12336	1.077	ug/l 95
68) m/p-Xylenes	11.60	106	3146	0.725	ug/l 99
78) n-propylbenzene	12.57	91	2775	0.236	ug/l 85
80) 1,3,5-Trimethylbenzene	12.71	105	10035	1.170	ug/l 96
84) 1,2,4-Trimethylbenzene	13.01	105	23782	2.742	ug/l 96
95) Naphthalene	15.10	128	39576	4.400	ug/l 98

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

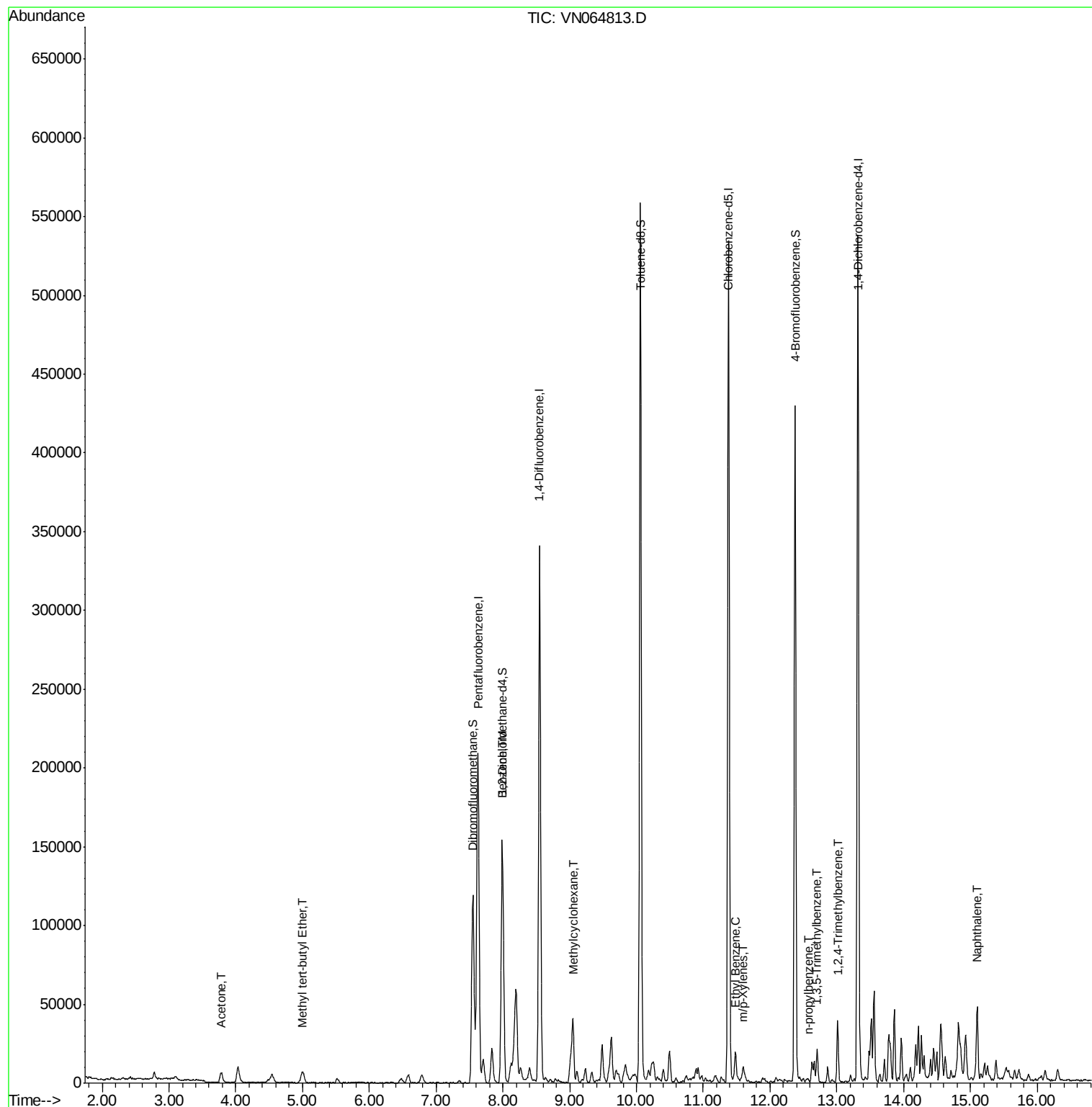
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064813.D
Acq On : 24 Nov 2020 16:15
Operator : JC/MD
Sample : L4829-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

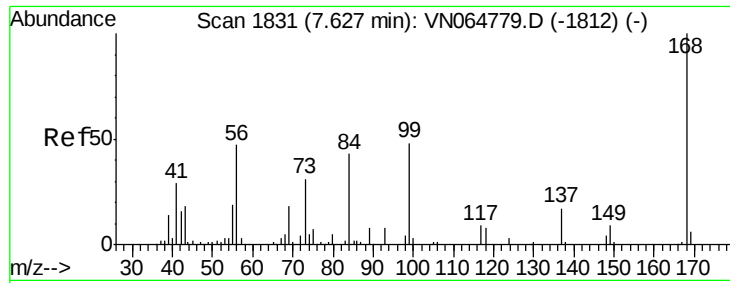
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

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Quant Time: Nov 25 05:10:01 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: VN064813.D

Acq: 24 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampled :

MW-1A

Tot Ion:168 Resp: 172833

Ion Ratio Lower Upper

168 100

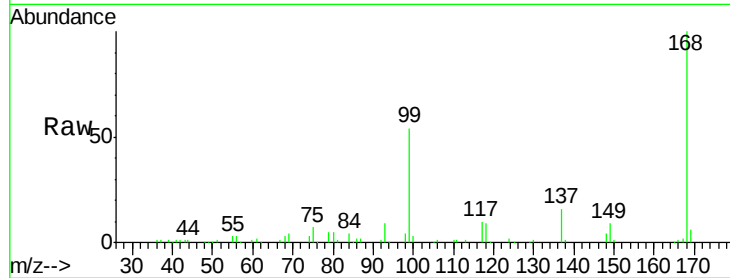
99 53.9 43.0 64.4

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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

80000

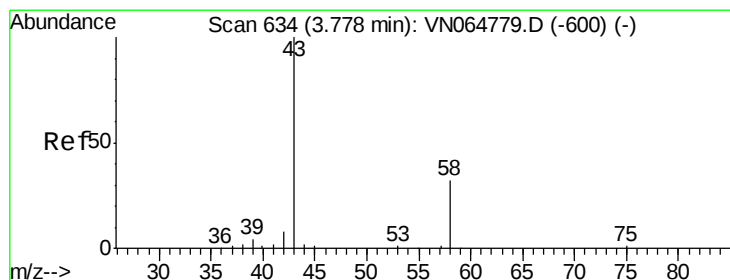
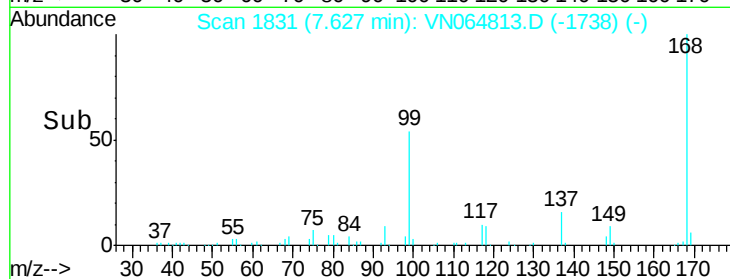
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 17.782 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064813.D

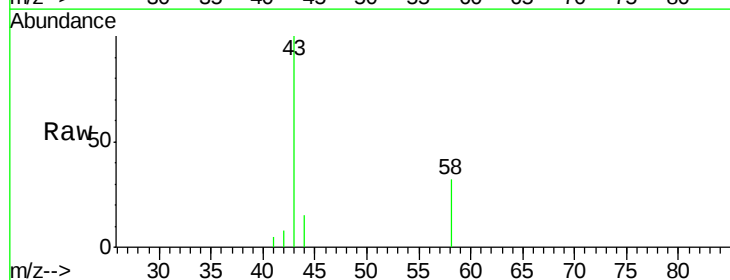
Acq: 24 Nov 2020 16:15

Tgt Ion: 43 Resp: 11745

Ion Ratio Lower Upper

43 100

58 32.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

4000

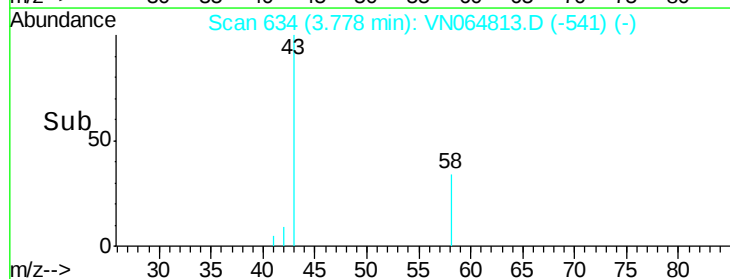
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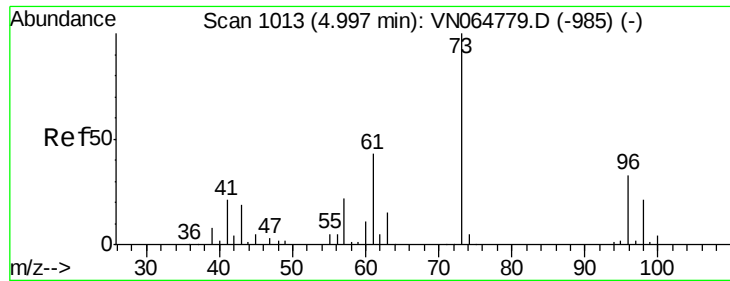
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1000

0

Time-->





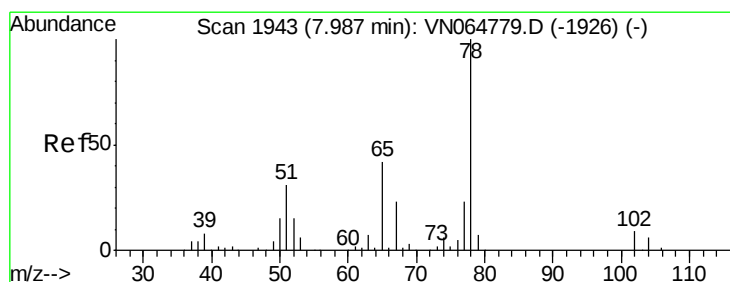
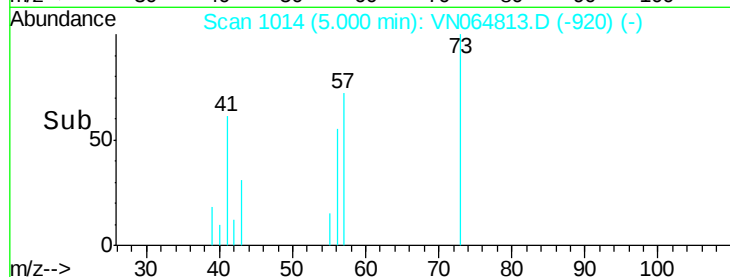
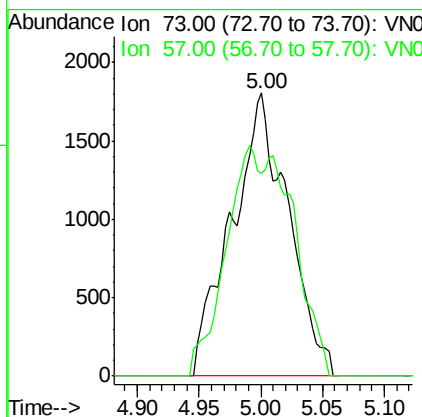
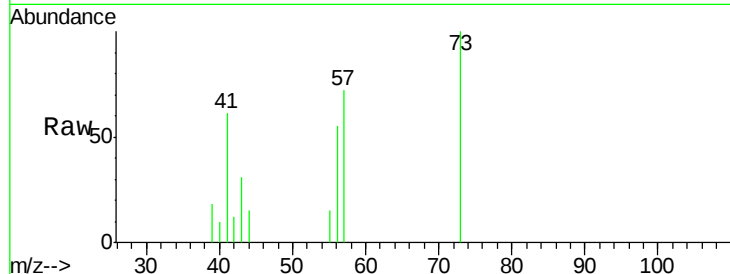
#19
Methvl tert-butvl Ether
Concen: 1.066 ug/l m
RT: 5.00 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Tot Ion: 73 Resp: 5728
Ion Ratio Lower Upper
73 100
57 71.5 17.4 26.0#

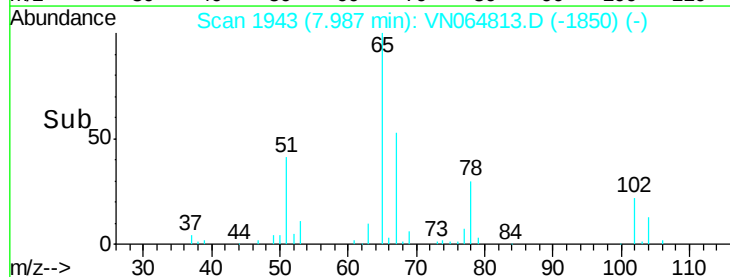
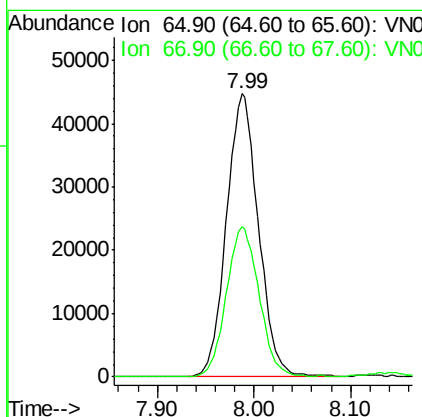
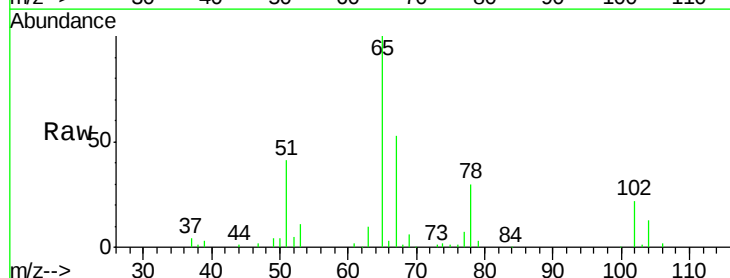
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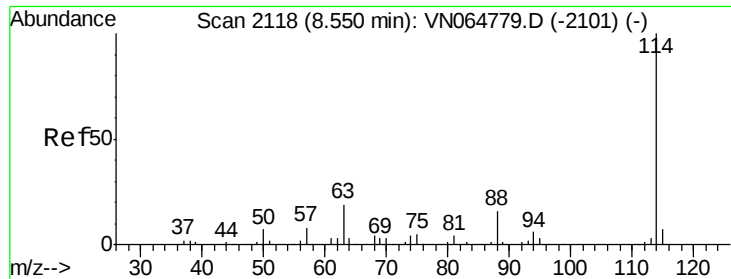
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#33
1,2-Dichloroethane-d4
Concen: 51.135 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Tgt Ion: 65 Resp: 102746
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.2





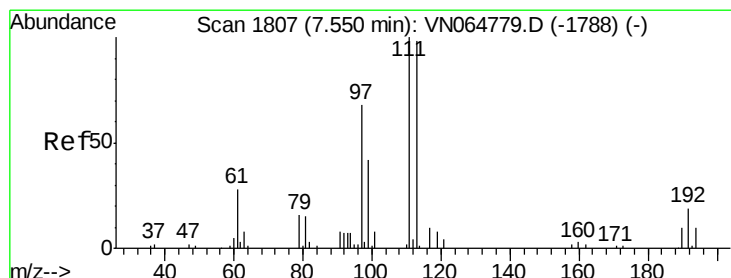
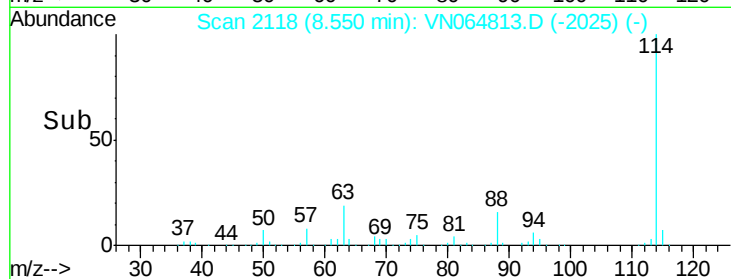
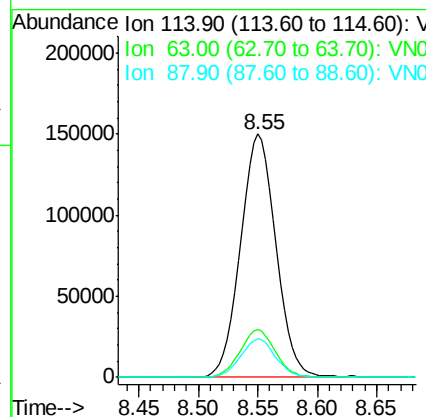
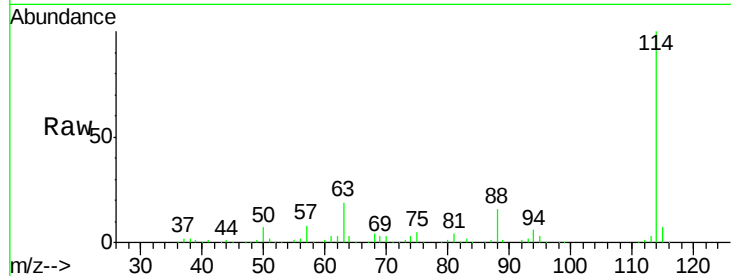
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.4	0.0	38.6
88	15.8	0.0	32.6

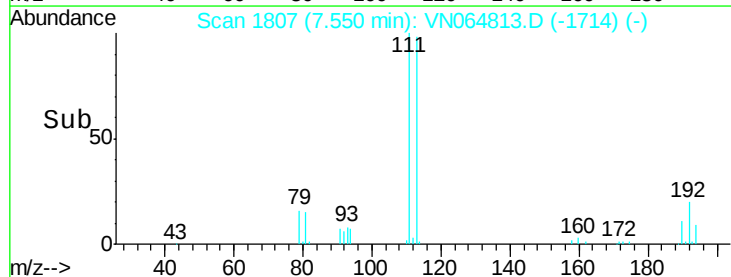
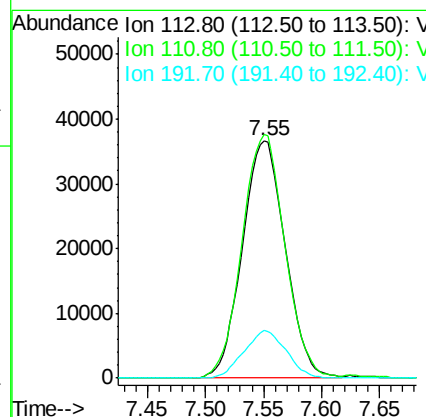
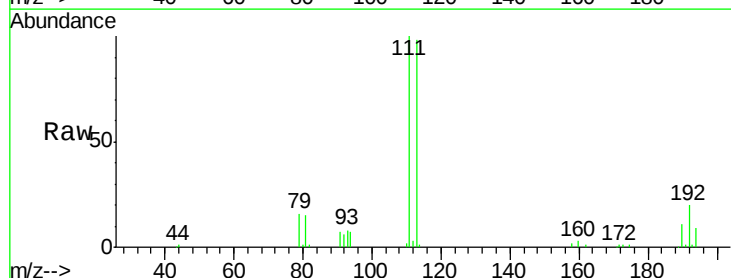
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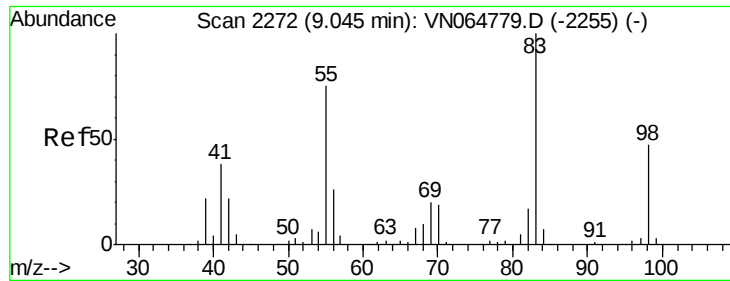
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#35
Dibromofluoromethane
Concen: 51.106 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.5	81.6	122.4
192	19.6	16.2	24.2





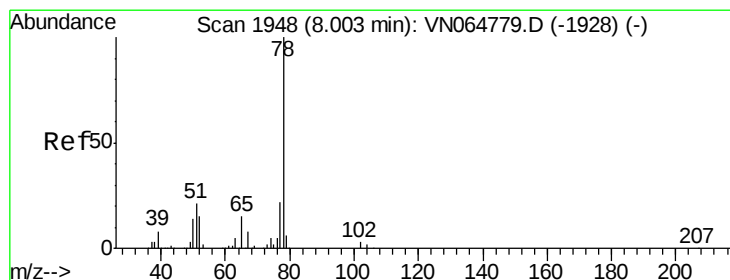
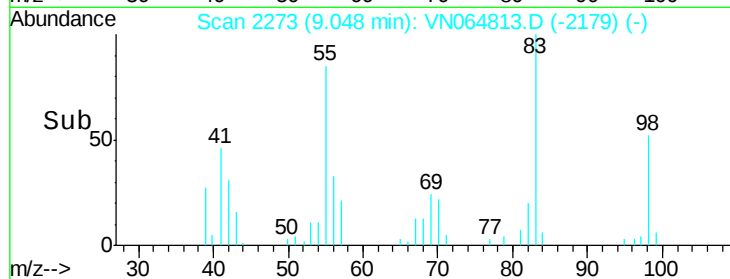
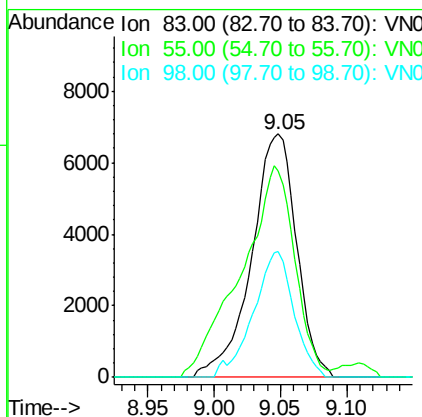
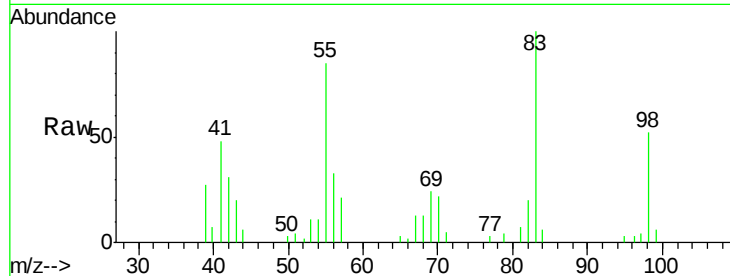
#39
Methvlcvclohexane
Concen: 5.217 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	60.2	90.2
98	51.8	37.4	56.2

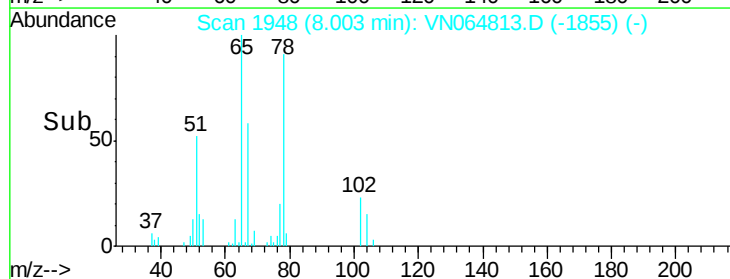
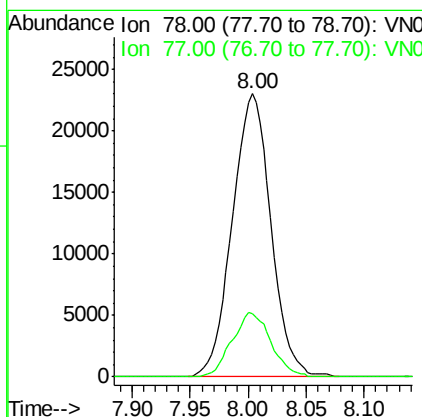
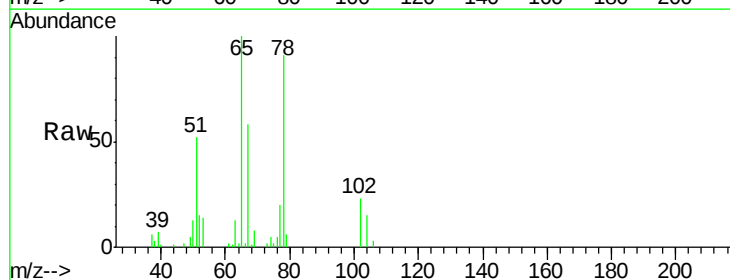
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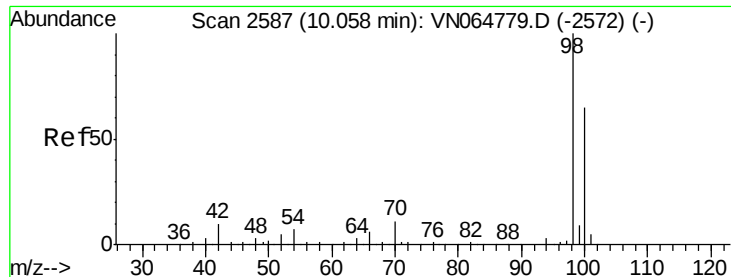
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#40
Benzene
Concen: 6.066 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	17.9	26.9





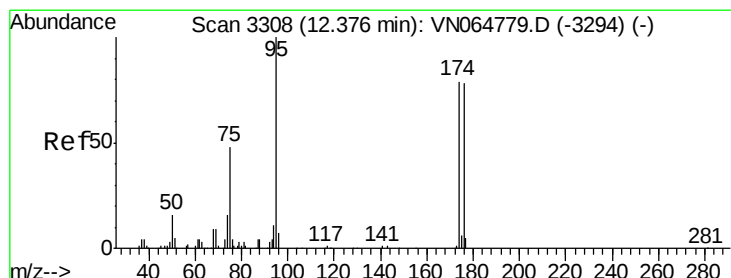
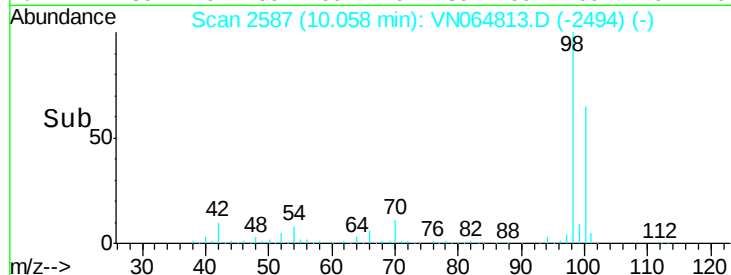
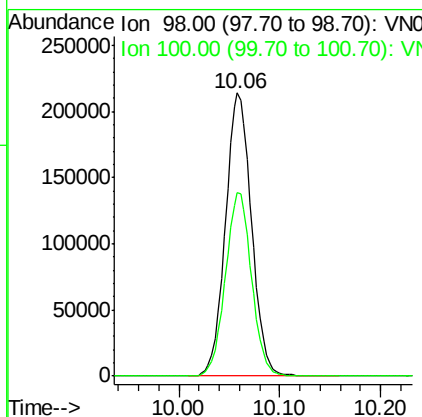
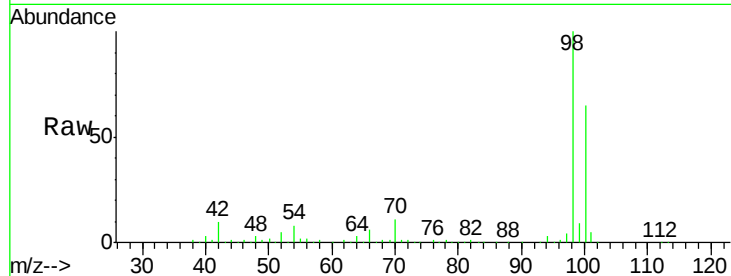
#50
Toluene-d8
Concen: 50.966 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampled :
MW-1A

Tot Ion: 98 Resp: 385618
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

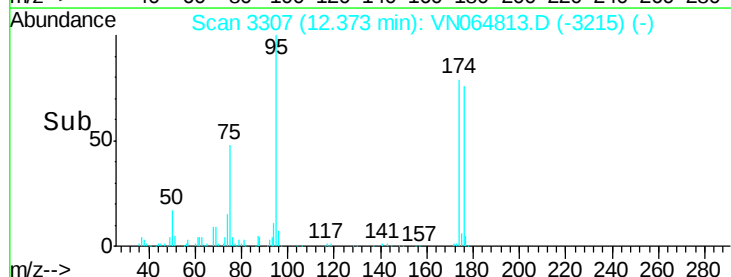
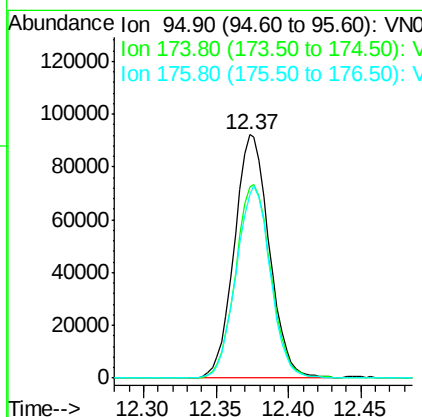
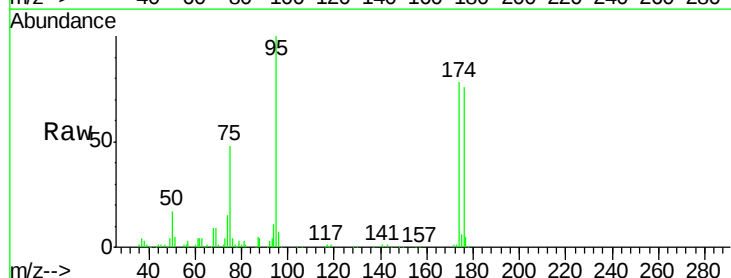
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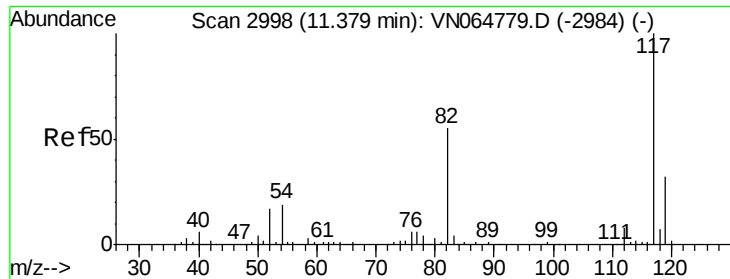
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#62
4-Bromofluorobenzene
Concen: 57.085 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Tgt Ion: 95 Resp: 154574
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.4
176 77.4 0.0 158.4





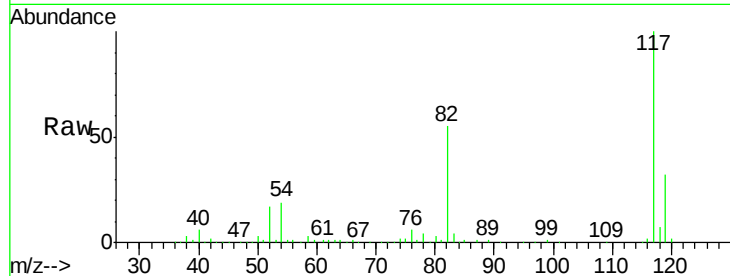
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampled :
MW-1A

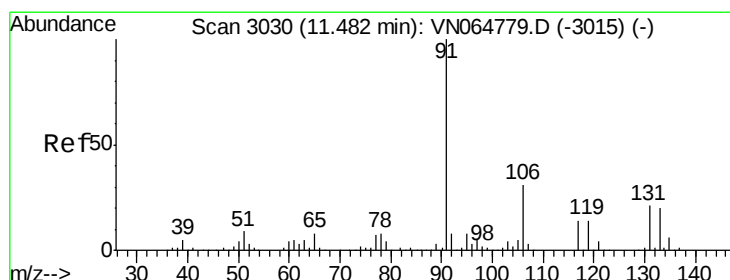
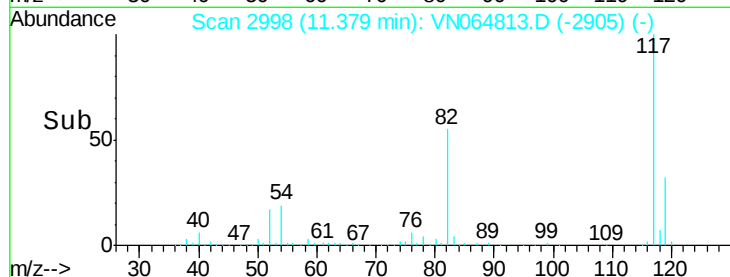
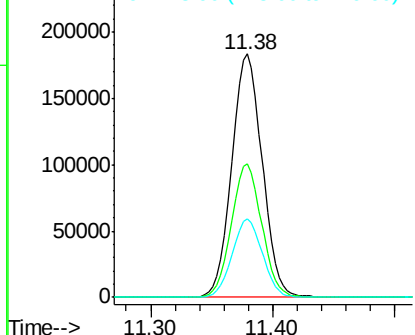
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	32.1	25.8	38.6

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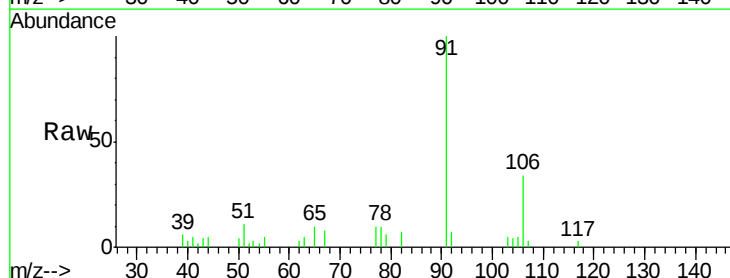


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

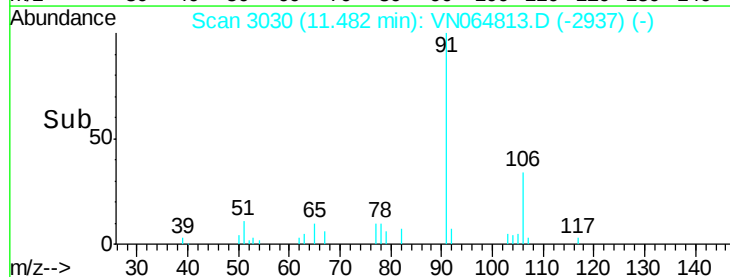
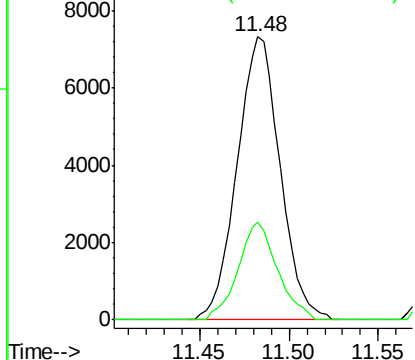


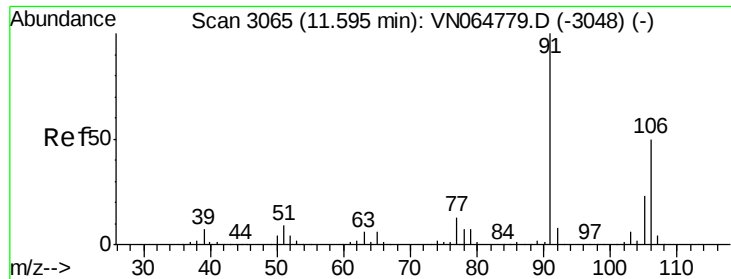
#67
Ethyl Benzene
Concen: 1.077 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.4	25.2	37.8



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





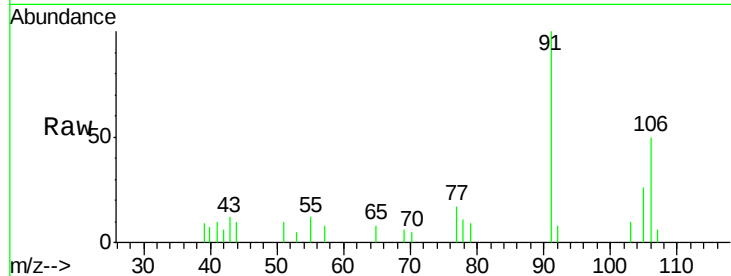
#68
m/p-Xvlenes
Concen: 0.725 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampled :
MW-1A

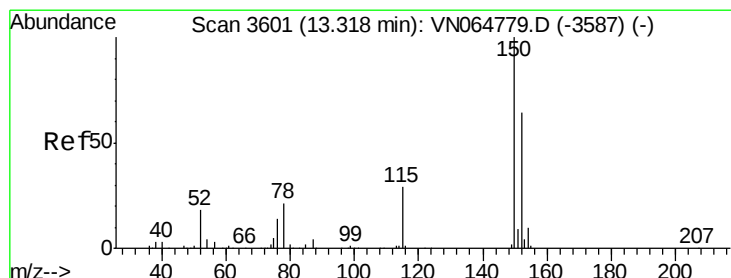
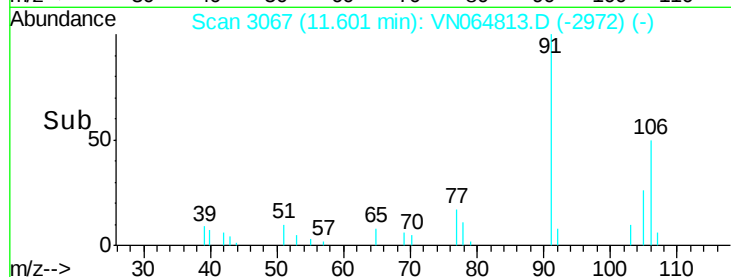
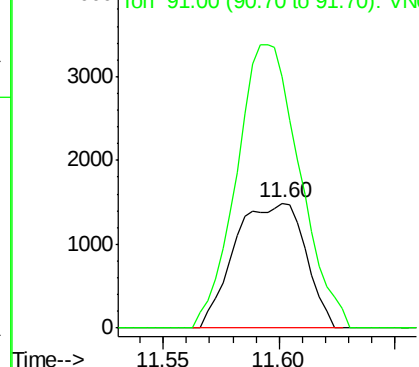
Tot Ion:106 Resp: 3146
Ion Ratio Lower Upper
106 100
91 203.1 161.0 241.4

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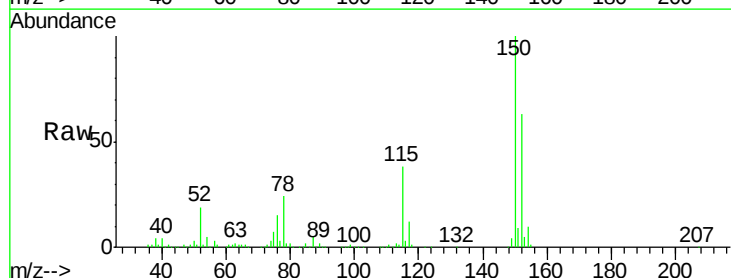


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

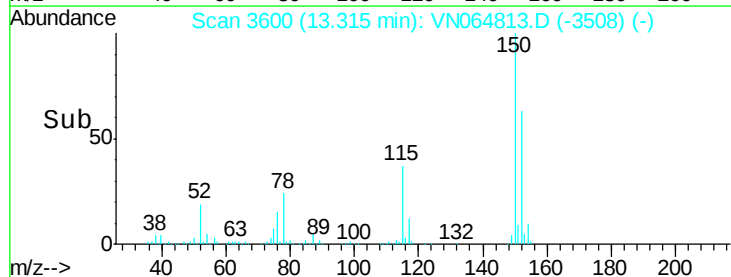
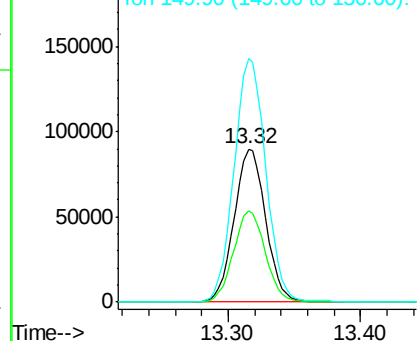


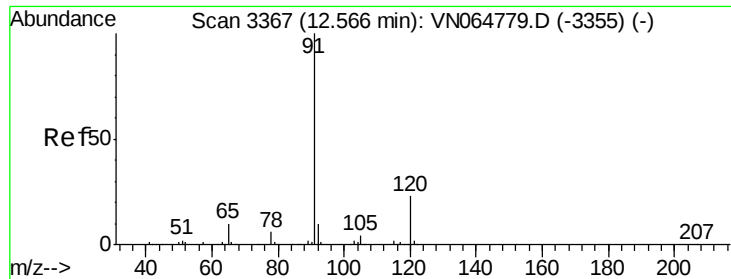
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064813.D
Acq: 24 Nov 2020 16:15

Tgt Ion:152 Resp: 148351
Ion Ratio Lower Upper
152 100
115 60.3 29.7 89.1
150 160.7 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.236 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN064813.D

Acq: 24 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

Tot Ion: 91 Resp: 2775

Ion Ratio Lower Upper

91 100

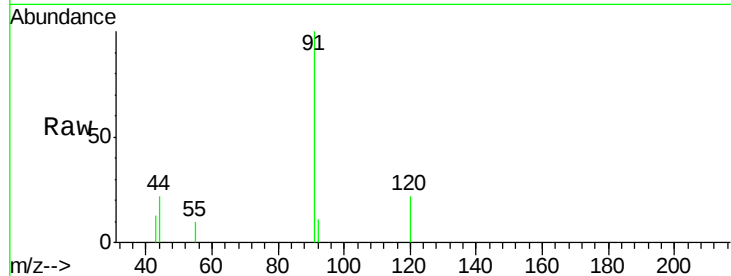
120 15.8 11.6 34.7

Manual Integrations

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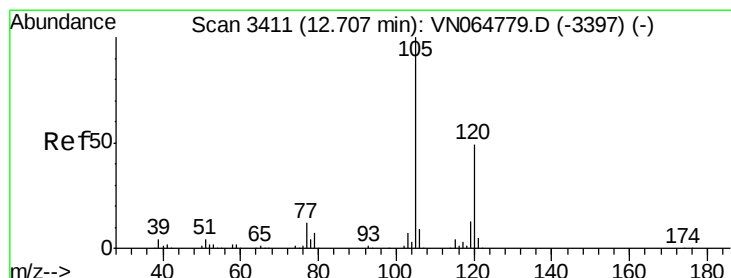
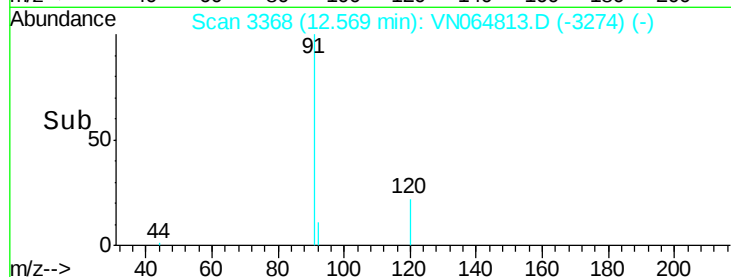
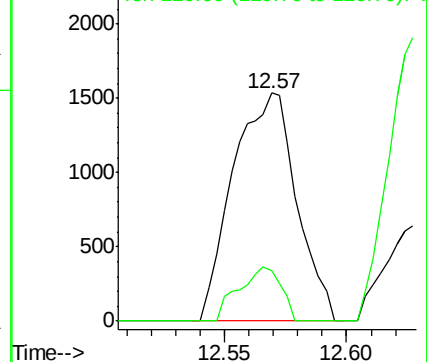
MMDadoda

11/25/2020 3:57:26 PM



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.170 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064813.D

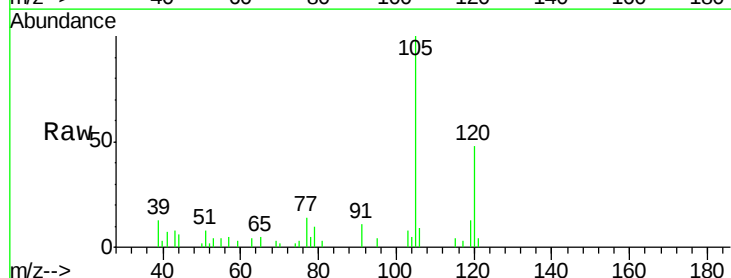
Acq: 24 Nov 2020 16:15

Tgt Ion: 105 Resp: 10035

Ion Ratio Lower Upper

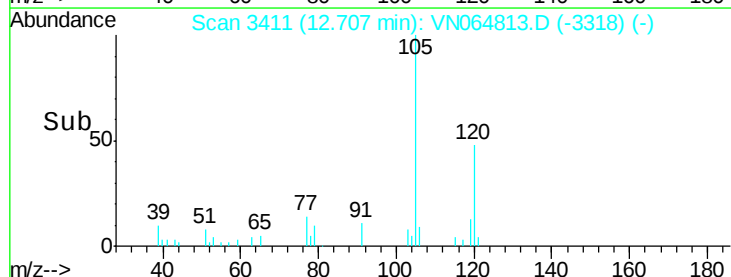
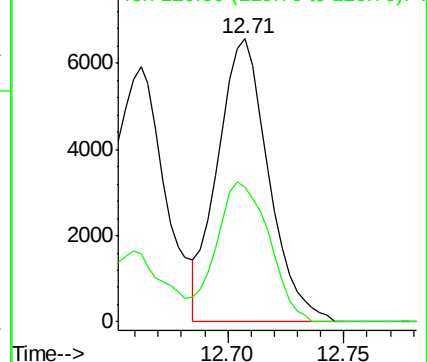
105 100

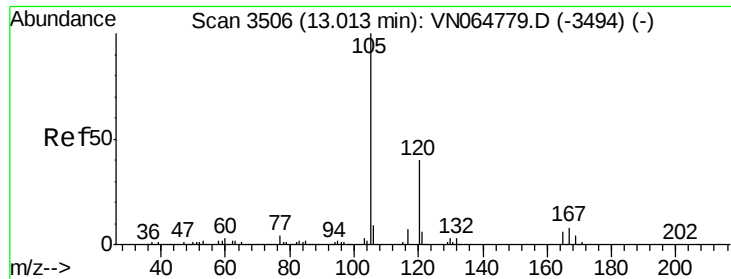
120 51.8 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





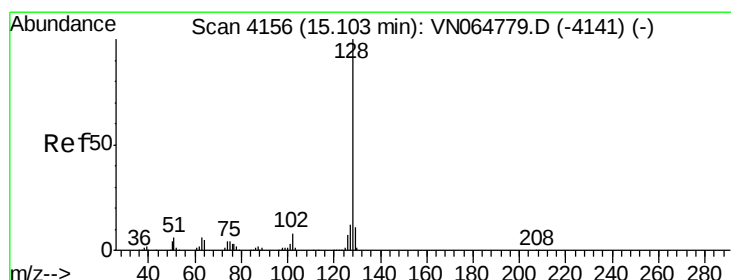
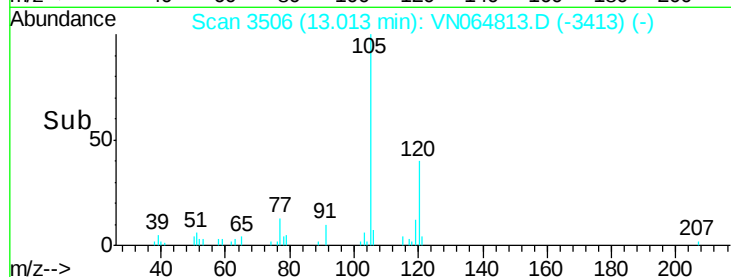
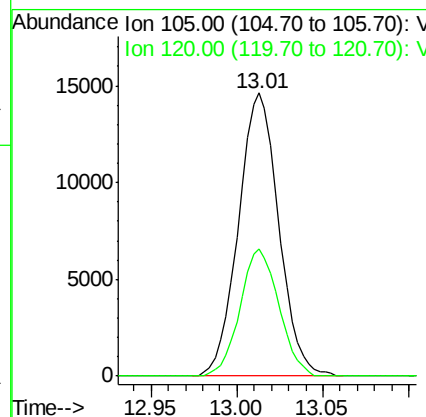
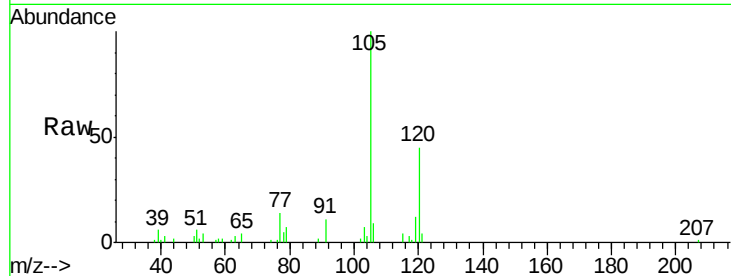
#84
 1,2,4-Trimethylbenzene
 Concen: 2.742 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064813.D
 Acq: 24 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.1	23.1	69.2

Manual Integrations
 APPROVED

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 11/25/2020 3:57:26 PM



#95
 Naphthalene
 Concen: 4.400 ug/l
 RT: 15.10 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN064813.D
 Acq: 24 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	12.2	8.7	13.1

