

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070273.D
 Acq On : 21 Dec 2021 17:34
 Operator : JC/MD
 Sample : M5039-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 21 20:12:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	843224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1439524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1242835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	423569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	685267	52.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.26%			
35) Dibromofluoromethane	8.021	113	456917	50.67	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.34%			
50) Toluene-d8	10.440	98	1772790	48.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.92%			
62) 4-Bromofluorobenzene	12.731	95	570498	43.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.98%			
Target Compounds						Qvalue
3) Chloromethane	2.309	50	3345	0.27	ug/l	89
11) Tert butyl alcohol	5.374	59	516284	209.79	ug/l	99
16) Acetone	4.291	43	47635m	6.08	ug/l	
19) Methyl tert-butyl Ether	5.621	73	489922	15.69	ug/l	95
22) Diisopropyl ether	6.498	45	100973	2.85	ug/l	88
42) 1,2-Dichloroethane	8.531	62	34487	2.04	ug/l	93
83) tert-Butylbenzene	13.324	119	9889	0.37	ug/l	74
84) 1,2,4-Trimethylbenzene	13.366	105	9713	0.34	ug/l	93

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

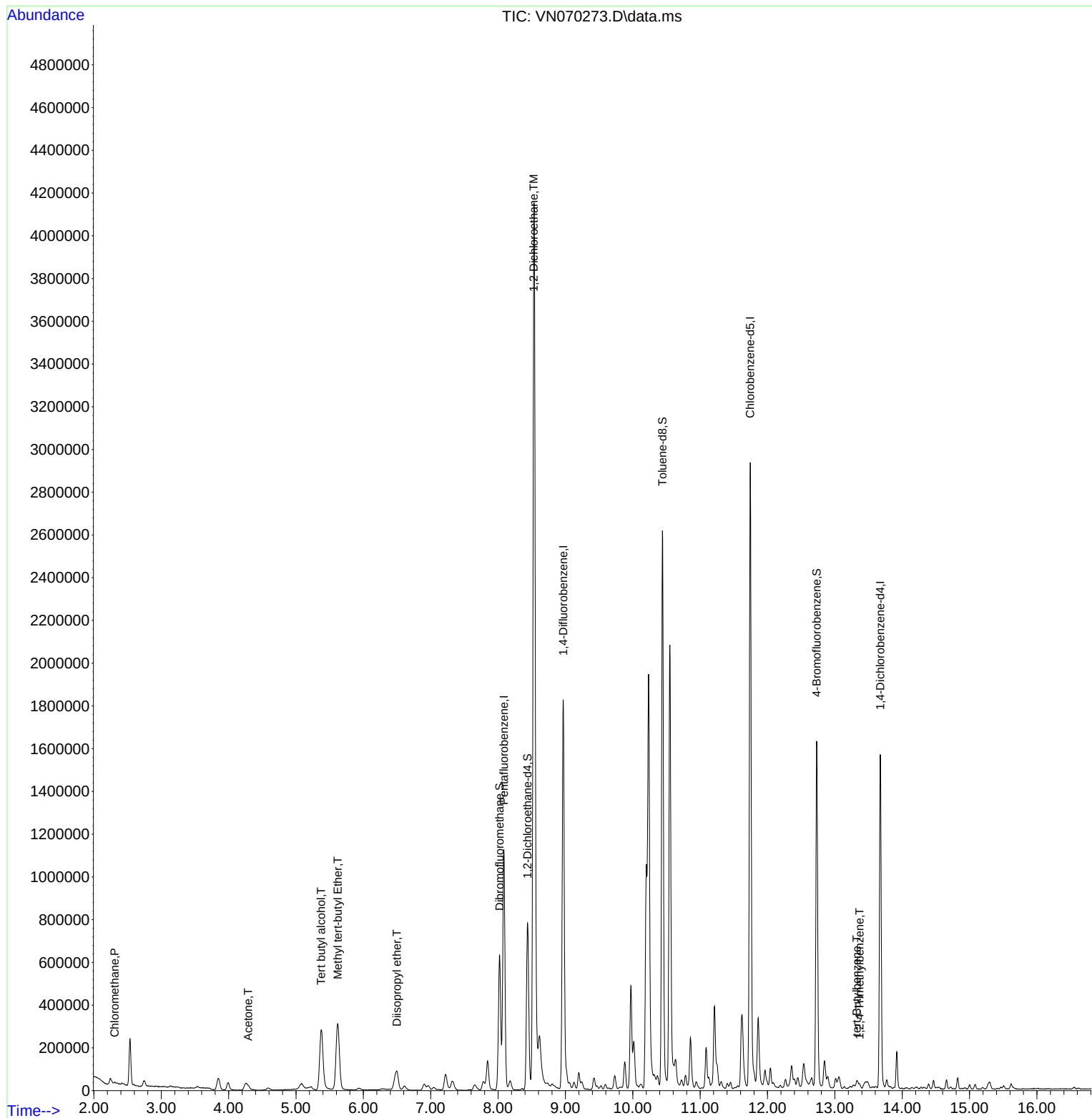
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
Data File : VN070273.D
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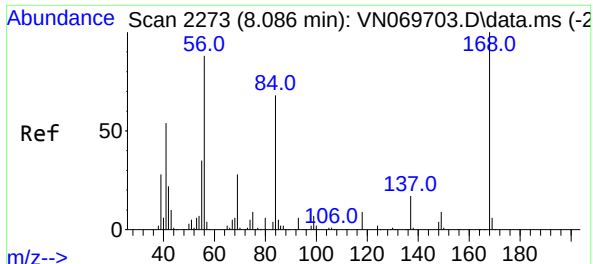
Instrument :
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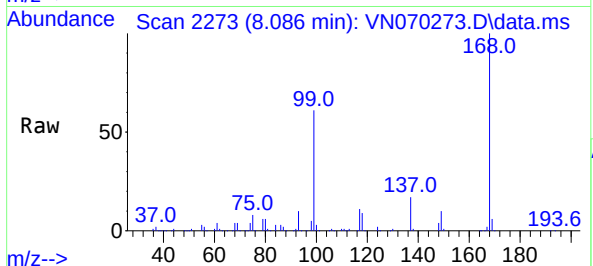
Quant Time: Dec 21 20:12:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

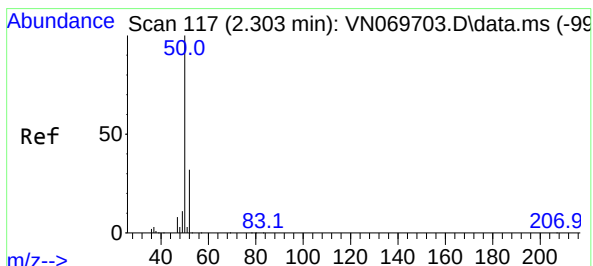
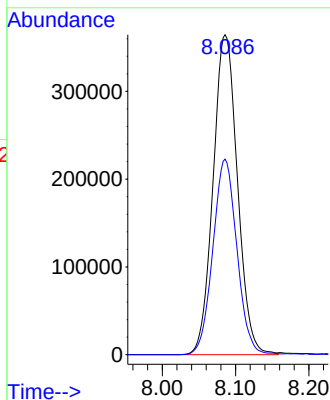
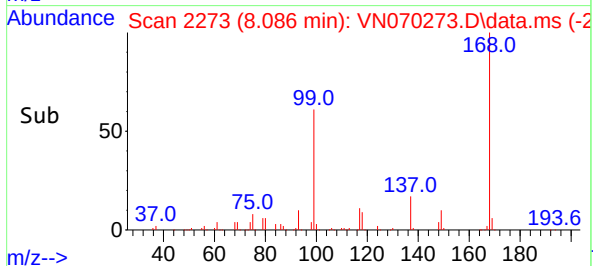
Instrument :
MSVOA_N
ClientSampleId :
MW-30



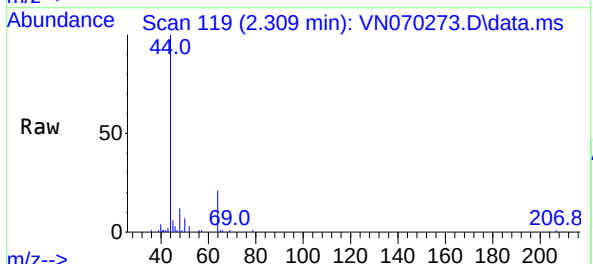
Tgt Ion:168 Resp: 843224
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9

Manual Integrations
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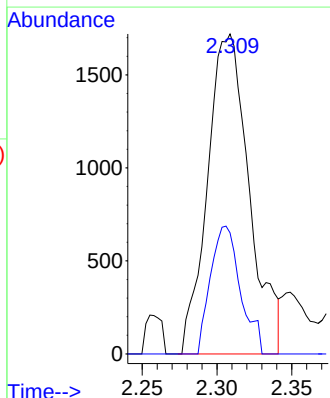
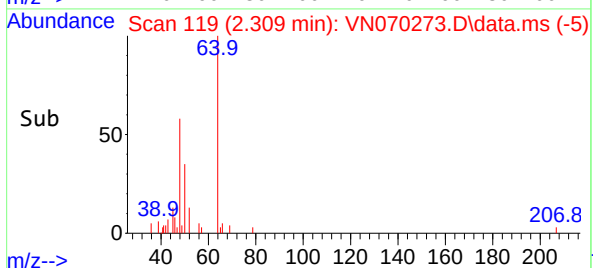
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

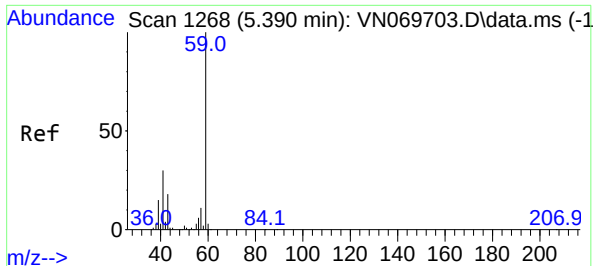


#3
Chloromethane
Concen: 0.27 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34



Tgt Ion: 50 Resp: 3345
Ion Ratio Lower Upper
50 100
52 37.8 25.4 38.0





#11

Tert butyl alcohol

Concen: 209.79 ug/l

RT: 5.374 min Scan# 11

Delta R.T. -0.016 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

ClientSampleId :

MW-30

Tgt Ion: 59 Resp: 516284

Ion Ratio Lower Upper

59 100

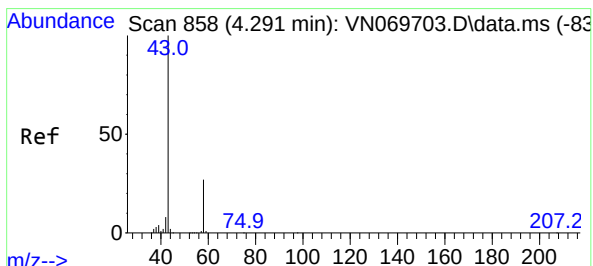
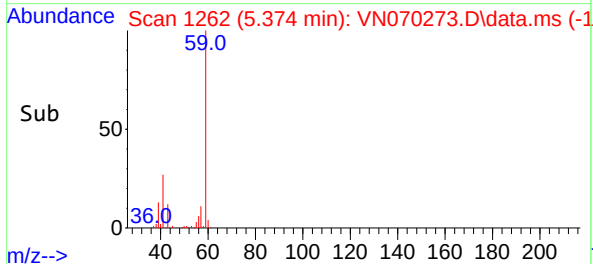
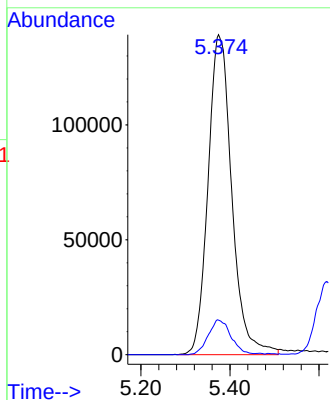
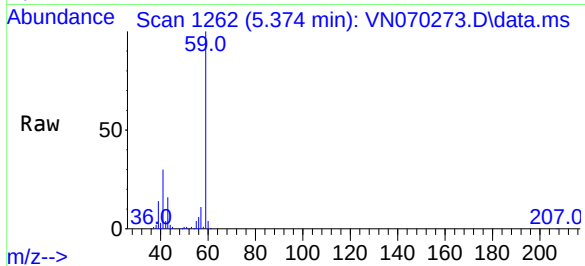
57 10.4 8.7 13.1

Manual Integrations

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#16

Acetone

Concen: 6.08 ug/l m

RT: 4.291 min Scan# 858

Delta R.T. 0.000 min

Lab File: VN070273.D

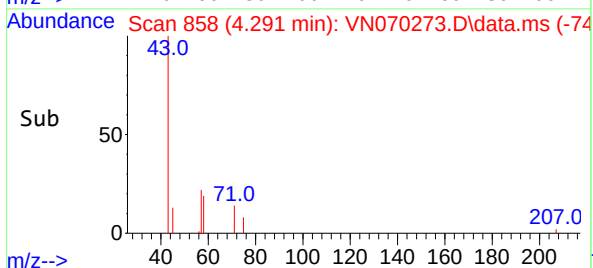
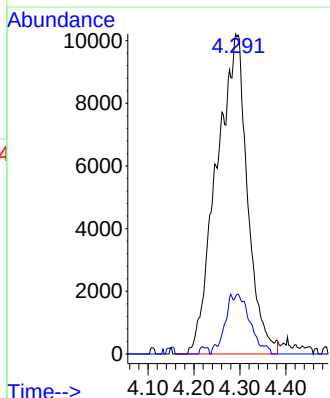
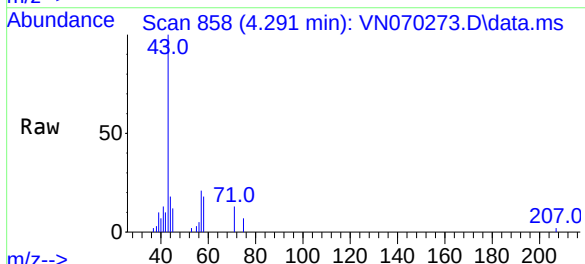
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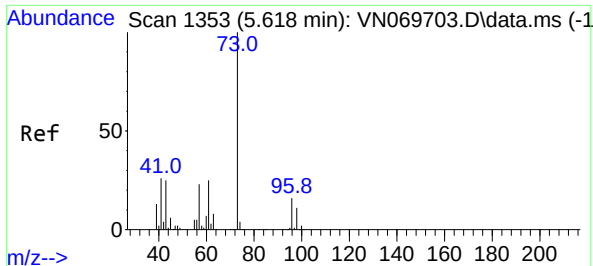
Tgt Ion: 43 Resp: 47635

Ion Ratio Lower Upper

43 100

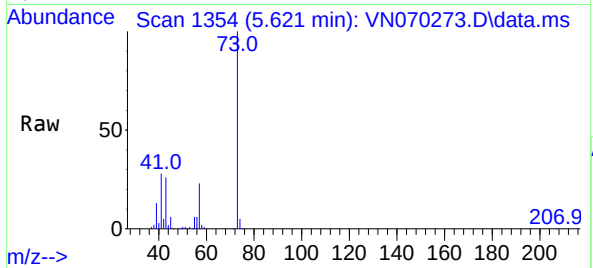
58 18.0 23.1 34.7#





#19
Methyl tert-butyl Ether
Concen: 15.69 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

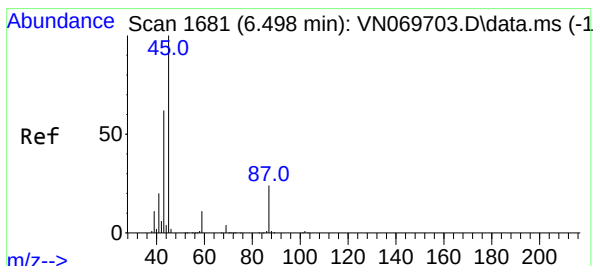
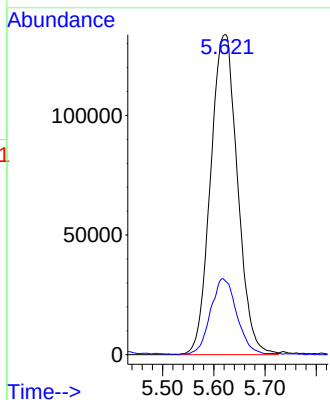
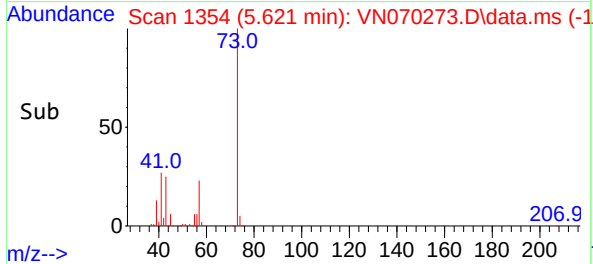
Instrument :
MSVOA_N
ClientSampleId :
MW-30



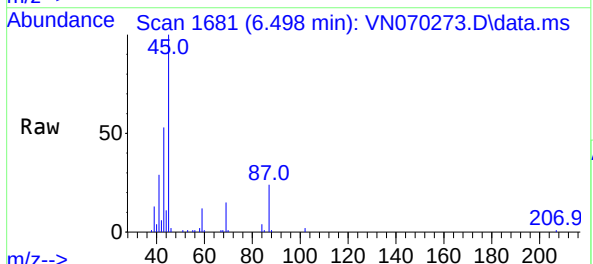
Tgt Ion: 73 Resp: 48992
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

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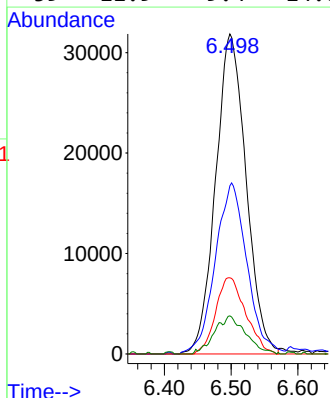
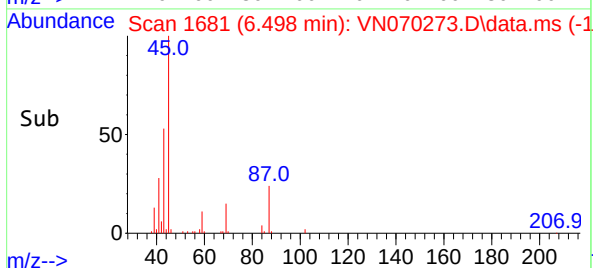
Reviewed By :John Carlone 12/22/2021
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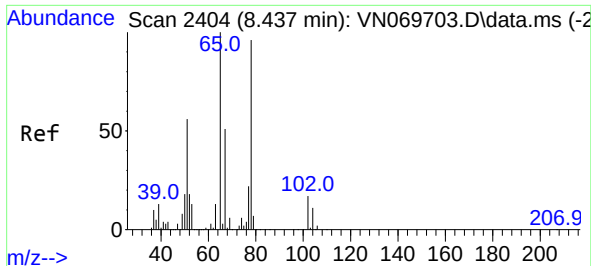


#22
Diisopropyl ether
Concen: 2.85 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34



Tgt Ion: 45 Resp: 100973
Ion Ratio Lower Upper
45 100
43 52.5 51.7 77.5
87 23.8 23.2 34.8
59 11.9 9.4 14.0





#33

1,2-Dichloroethane-d4

Concen: 52.63 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

ClientSampleId :

MW-30

Tgt Ion: 65 Resp: 68526

Ion Ratio Lower Upper

65 100

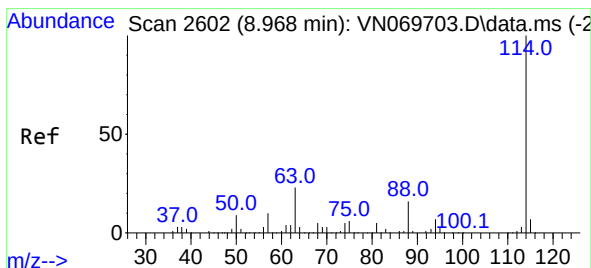
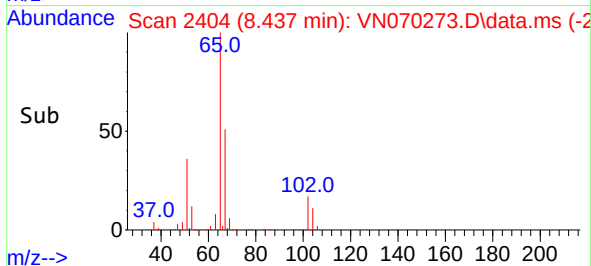
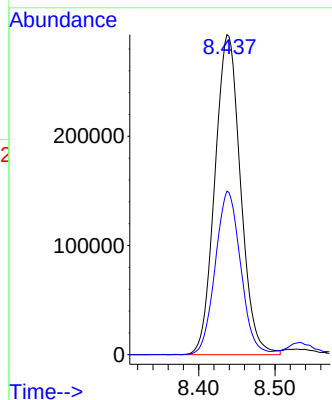
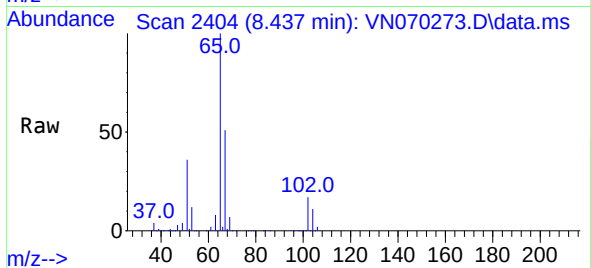
67 50.2 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

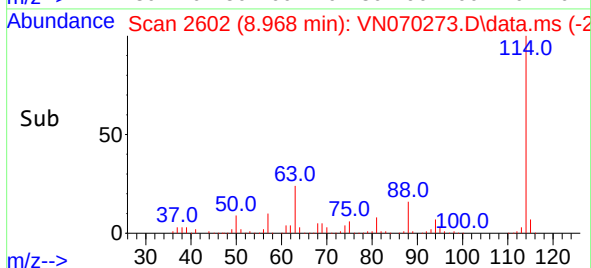
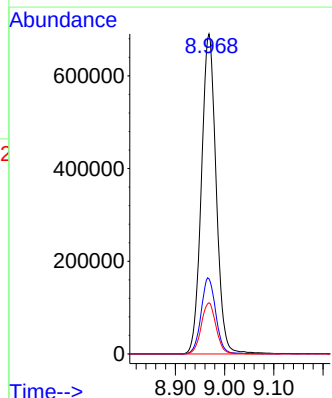
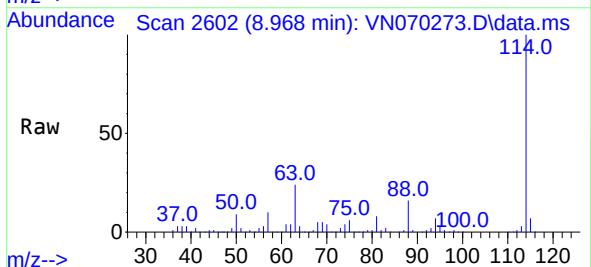
Tgt Ion:114 Resp: 1439524

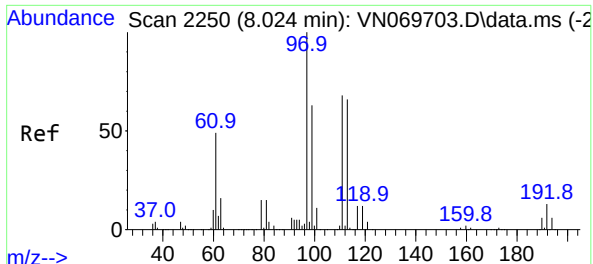
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

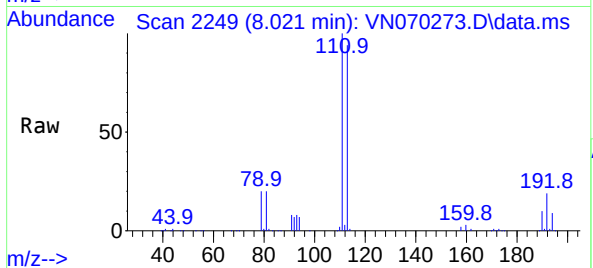
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.67 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

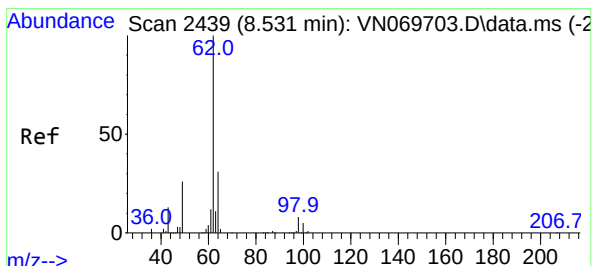
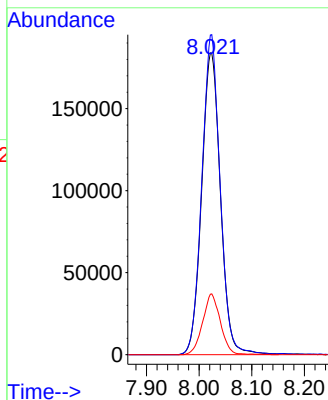
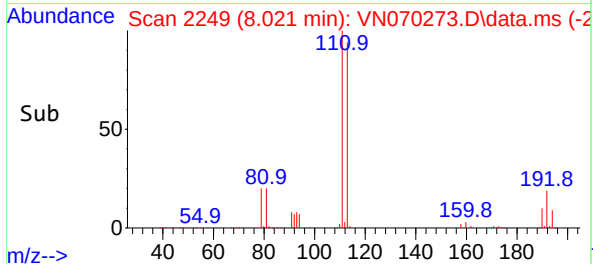
Instrument :
MSVOA_N
ClientSampleId :
MW-30



Tgt Ion:113 Resp: 45691
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.0 16.9 25.3

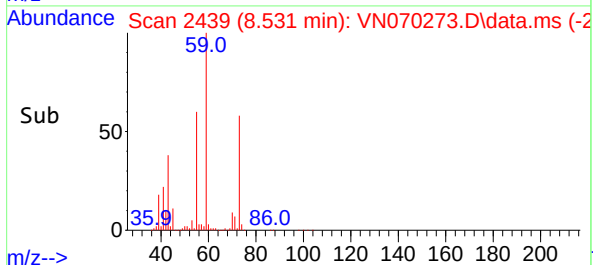
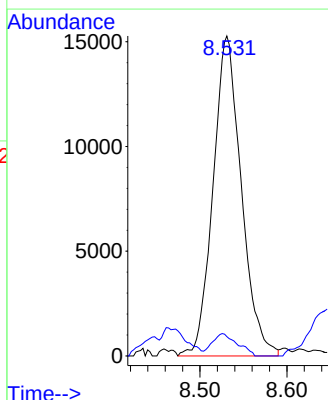
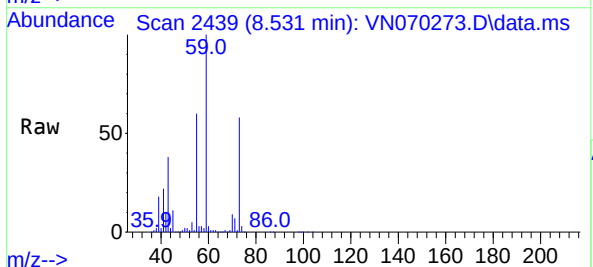
Manual Integrations
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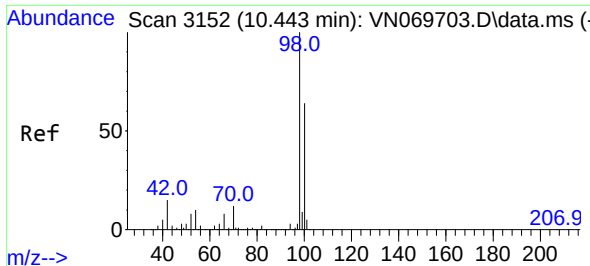
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#42
1,2-Dichloroethane
Concen: 2.04 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

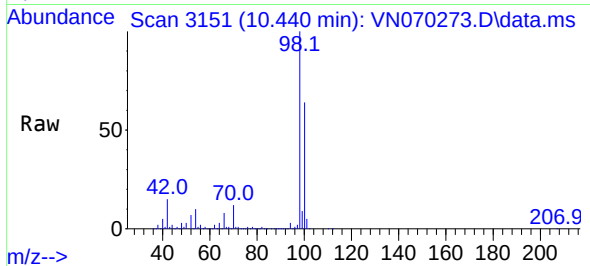
Tgt Ion: 62 Resp: 34487
Ion Ratio Lower Upper
62 100
98 6.2 0.0 17.6





#50
Toluene-d8
Concen: 48.96 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

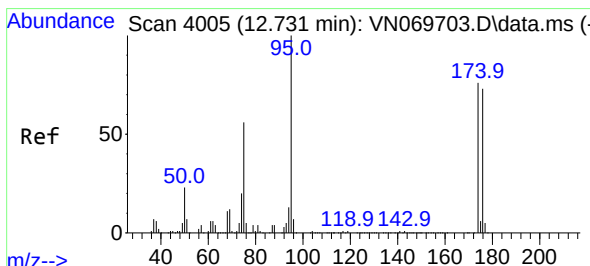
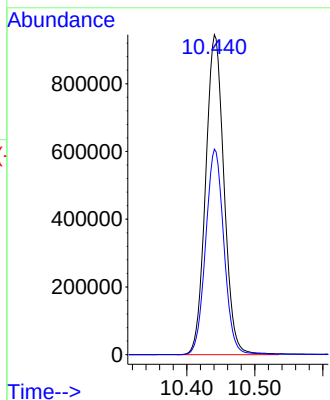
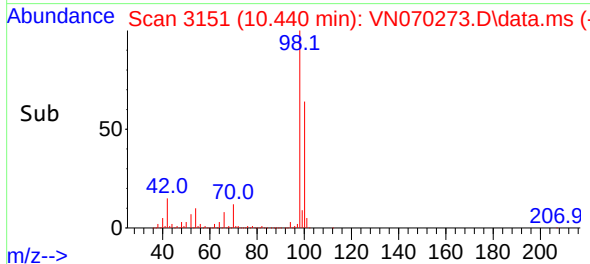
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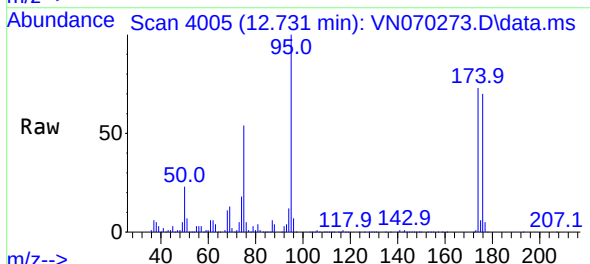
Tgt Ion: 98 Resp: 1772790
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

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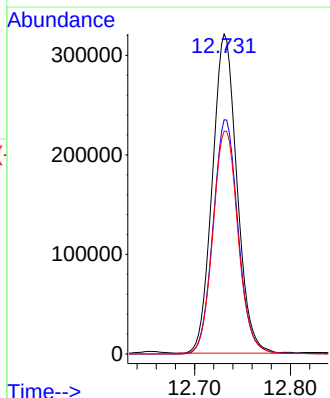
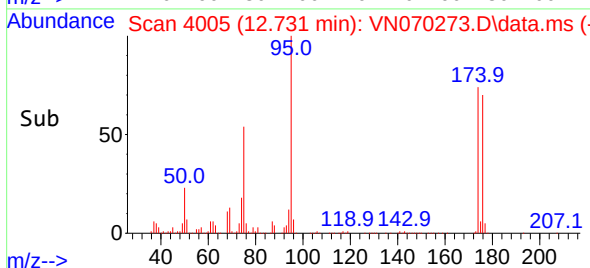
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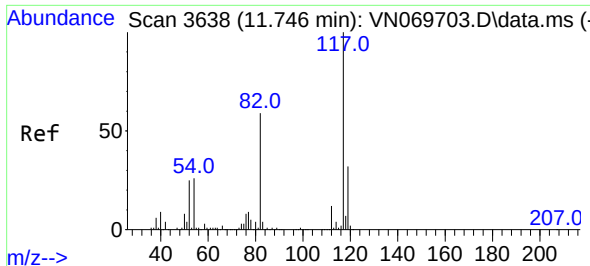


#62
4-Bromofluorobenzene
Concen: 43.49 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34



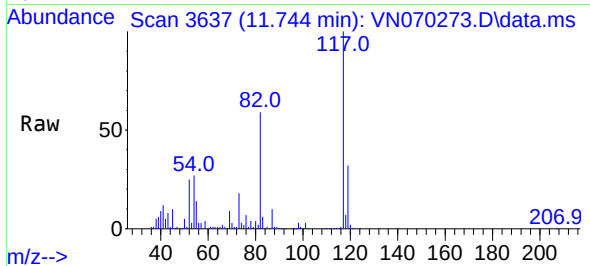
Tgt Ion: 95 Resp: 570498
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

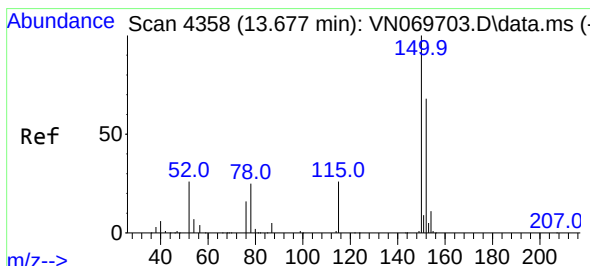
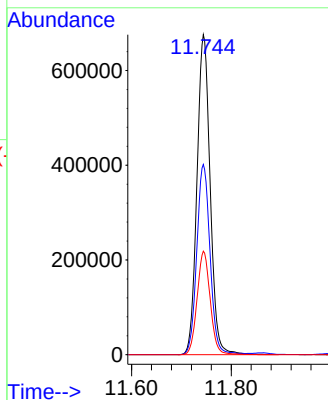
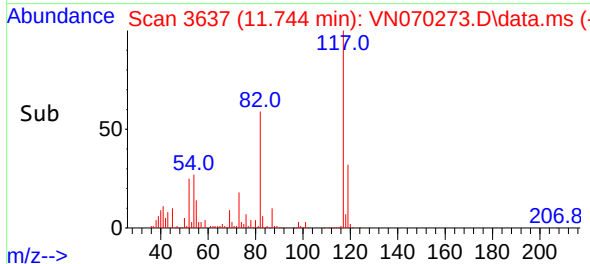
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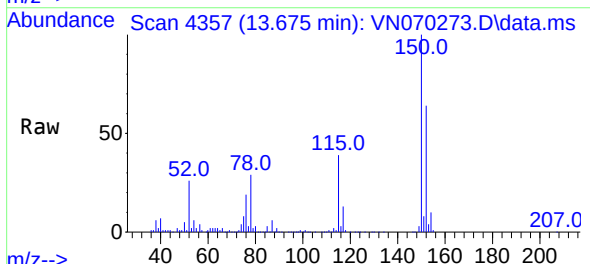
Tgt Ion:117 Resp: 1242835
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.4 25.4 38.2

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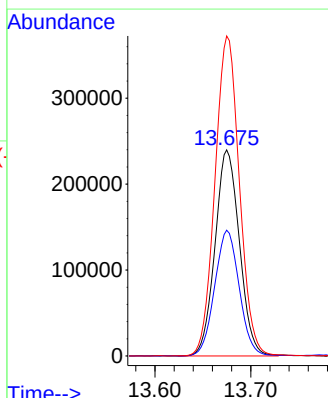
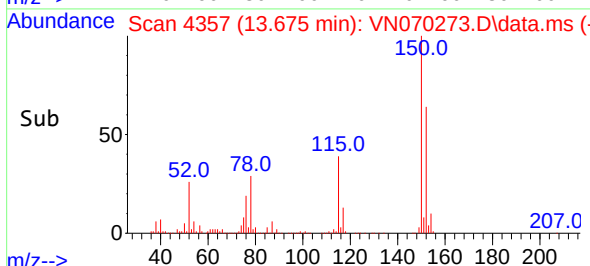
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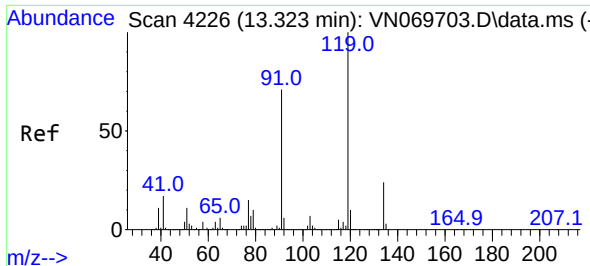


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34



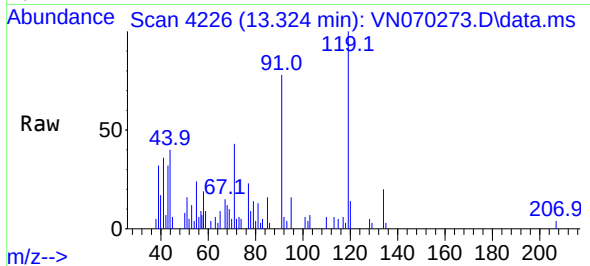
Tgt Ion:152 Resp: 423569
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 155.8 0.0 344.4





#83
tert-Butylbenzene
Concen: 0.37 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

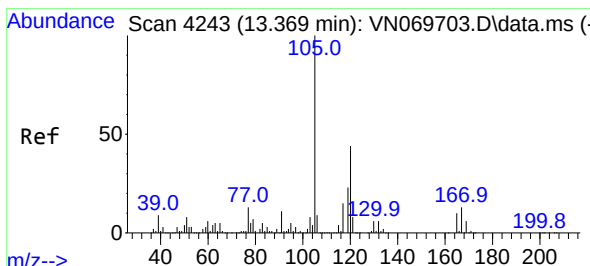
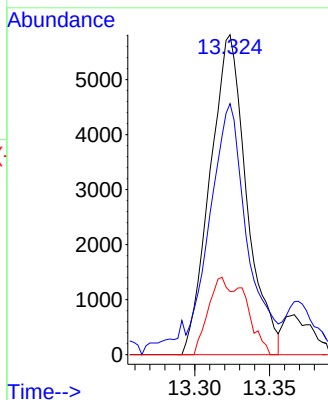
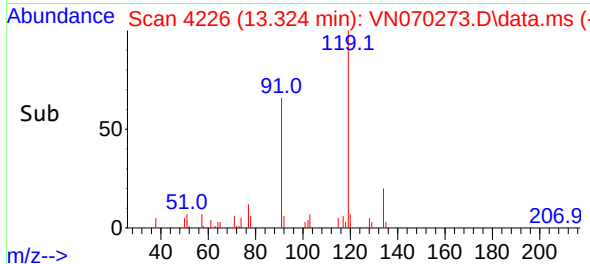
Instrument :
MSVOA_N
ClientSampleId :
MW-30



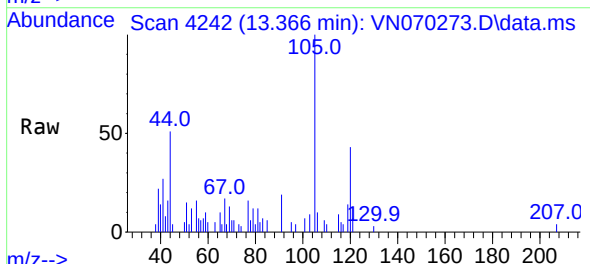
Tgt Ion:119 Resp: 9889
Ion Ratio Lower Upper
119 100
91 84.6 31.5 94.5
134 14.1 12.4 37.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#84
1,2,4-Trimethylbenzene
Concen: 0.34 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34



Tgt Ion:105 Resp: 9713
Ion Ratio Lower Upper
105 100
120 41.1 22.8 68.4

