

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070016.D
 Acq On : 11 Dec 2021 18:36
 Operator : JC/MD
 Sample : M4873-03 10X
 Misc : 6.25g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2-4-6.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/31/2021
 Supervised By :Semsettin Yesilyurt 12/31/2021

Quant Time: Dec 12 16:25:09 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	1184678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2204590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2687296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1225199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	904846	49.468	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.940%		
35) Dibromofluoromethane	8.021	113	658703	47.701	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.400%		
50) Toluene-d8	10.443	98	2976963	53.689	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.380%		
62) 4-Bromofluorobenzene	12.731	95	1403212	69.855	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	139.700%#		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.080	56	253281m	9.950	ug/l	
40) Benzene	8.461	78	339281	5.289	ug/l	98
52) Toluene	10.505	92	70745	1.806	ug/l	96
67) Ethyl Benzene	11.846	91	1734143	17.511	ug/l	96
68) m/p-Xylenes	11.956	106	839871	23.293	ug/l	93
69) o-Xylene	12.280	106	157765	4.344	ug/l	89
73) Isopropylbenzene	12.581	105	251363	2.306	ug/l	99
78) n-propylbenzene	12.921	91	1150821	9.487	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	1261398	14.377	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	4589559	54.926	ug/l	97
86) p-Isopropyltoluene	13.616	119	72545	0.881	ug/l	96
89) n-Butylbenzene	13.943	91	221918	3.321	ug/l #	68

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

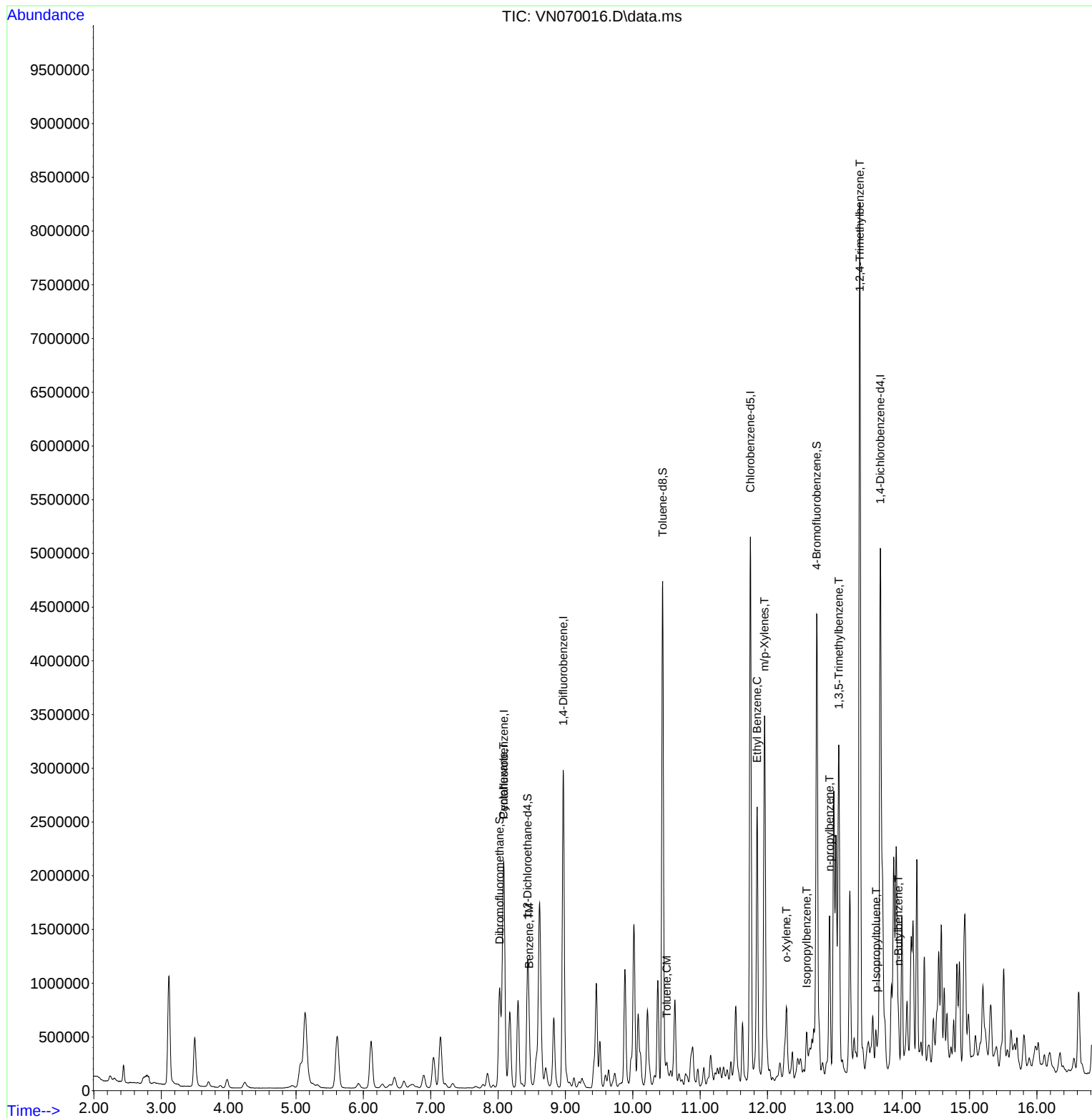
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
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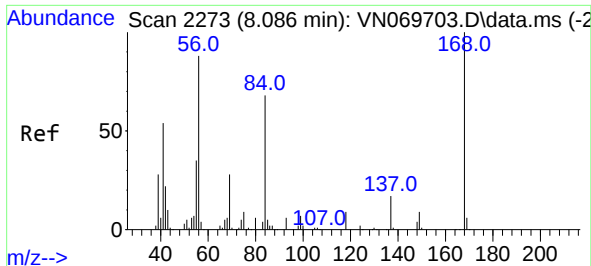
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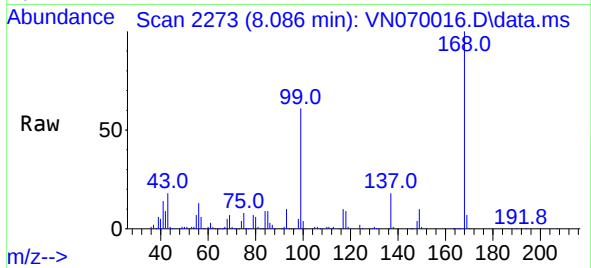
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

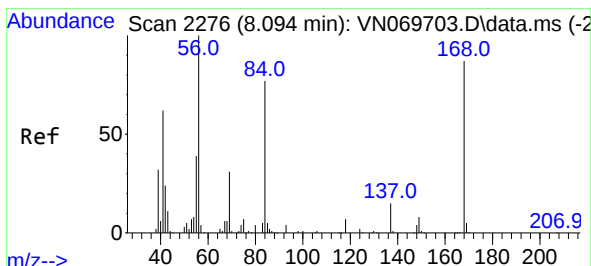
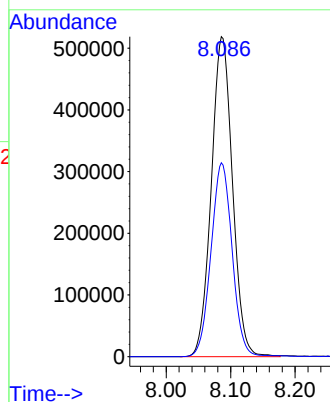
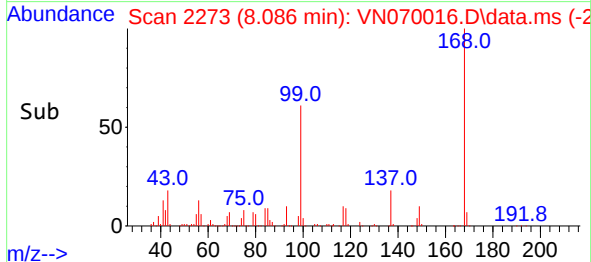
Instrument :
MSVOA_N
ClientSampleId :
A2-4-6.5



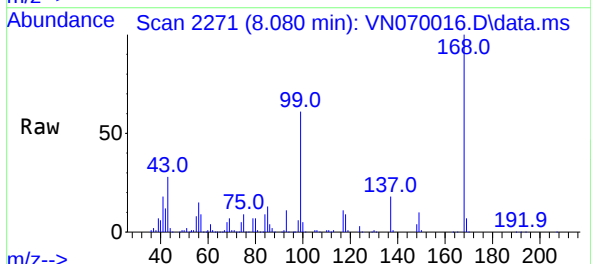
Tgt Ion:168 Resp: 1184678
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9

Manual Integrations
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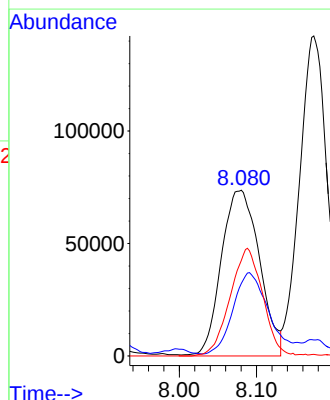
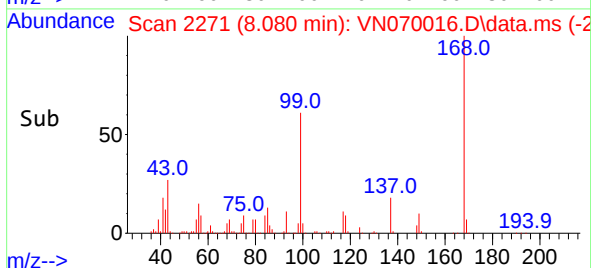
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021

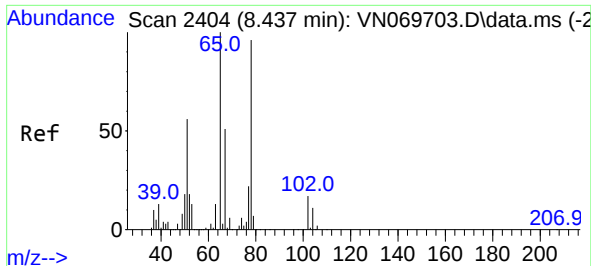


#31
Cyclohexane
Concen: 9.950 ug/l m
RT: 8.080 min Scan# 2271
Delta R.T. -0.013 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36



Tgt Ion: 56 Resp: 253281
Ion Ratio Lower Upper
56 100
69 43.7 27.1 40.7#
84 57.6 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 49.468 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070016.D

Acq: 11 Dec 2021 18:36

Instrument :

MSVOA_N

ClientSampleId :

A2-4-6.5

Tgt Ion: 65 Resp: 904840

Ion Ratio Lower Upper

65 100

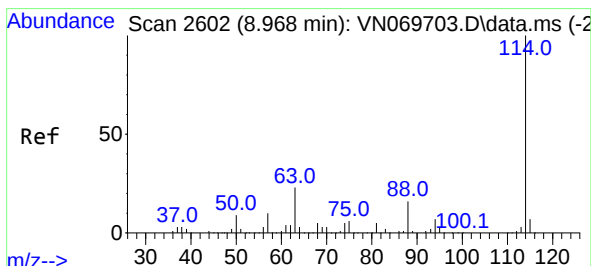
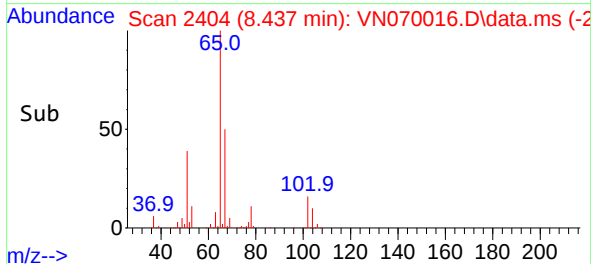
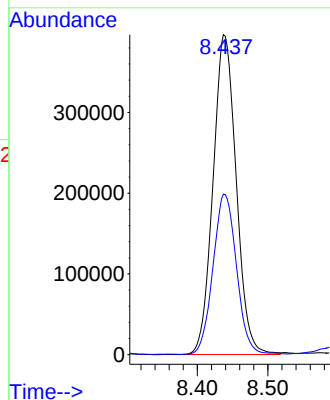
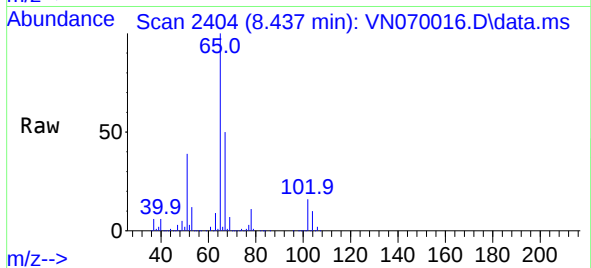
67 50.8 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070016.D

Acq: 11 Dec 2021 18:36

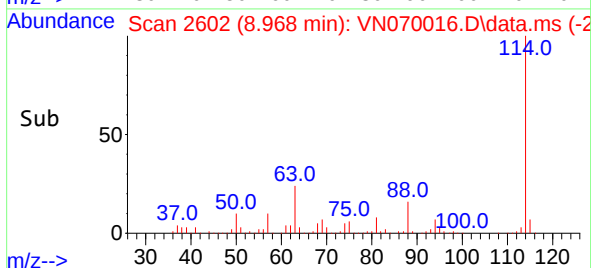
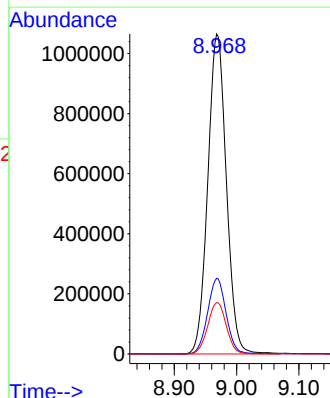
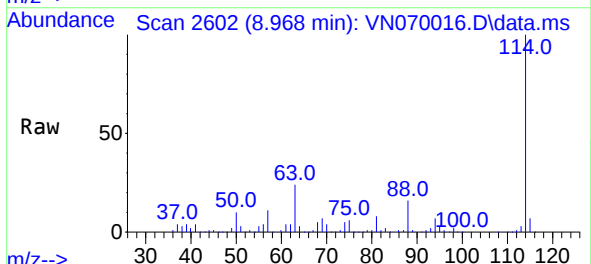
Tgt Ion:114 Resp: 2204590

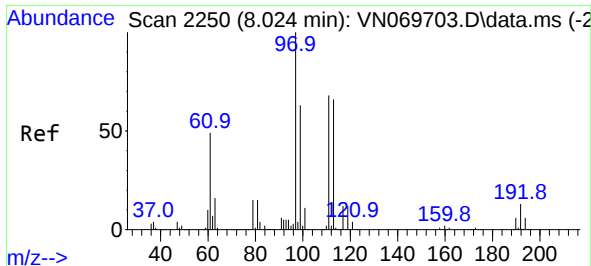
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

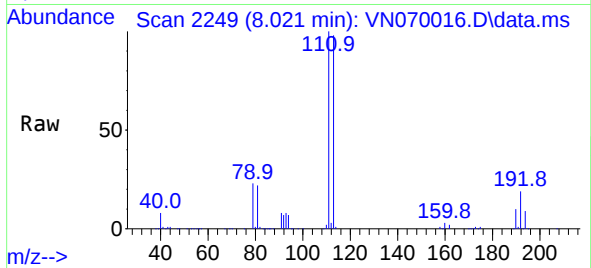
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.701 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

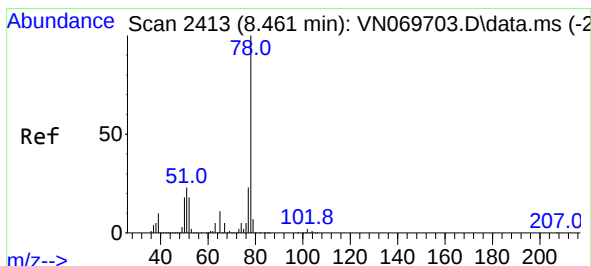
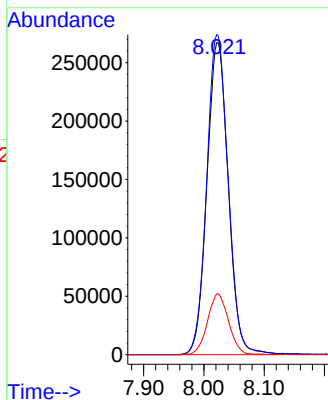
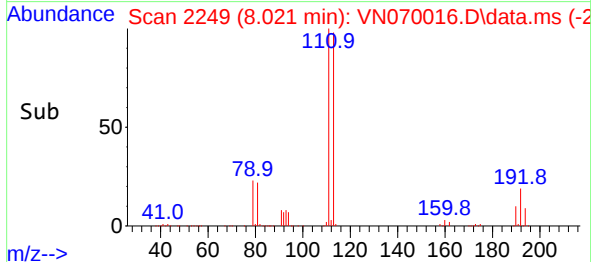
Instrument :
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ClientSampleId :
A2-4-6.5



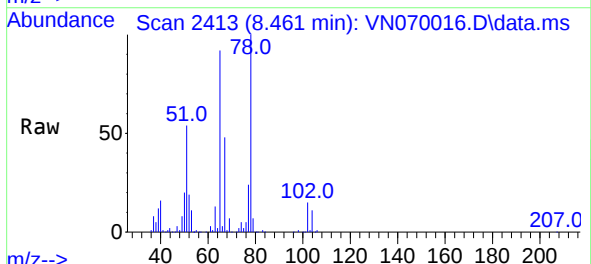
Tgt Ion:113 Resp: 65870
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.3 16.9 25.3

Manual Integrations
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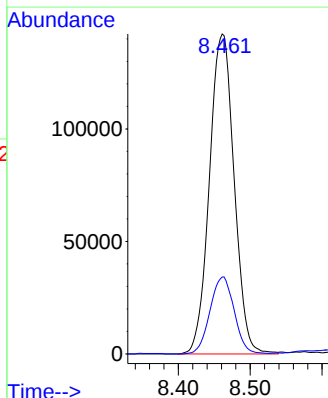
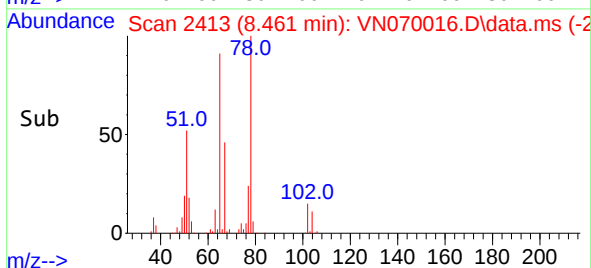
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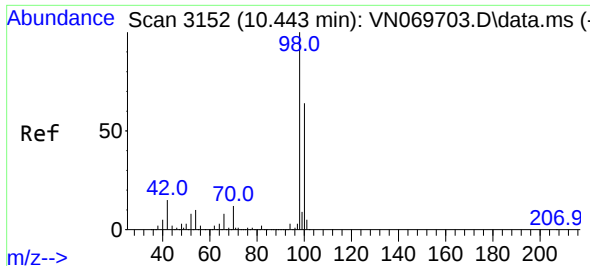


#40
Benzene
Concen: 5.289 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36



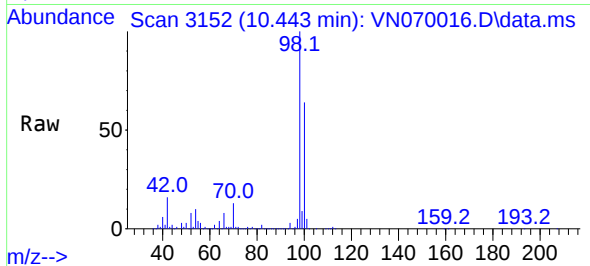
Tgt Ion: 78 Resp: 339281
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#50
Toluene-d8
Concen: 53.689 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

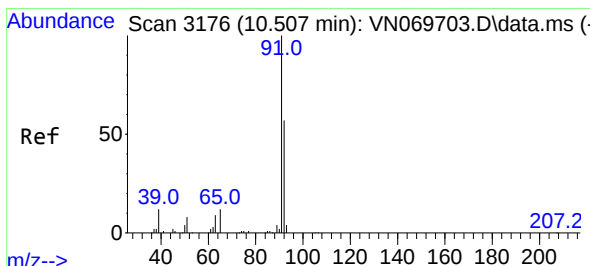
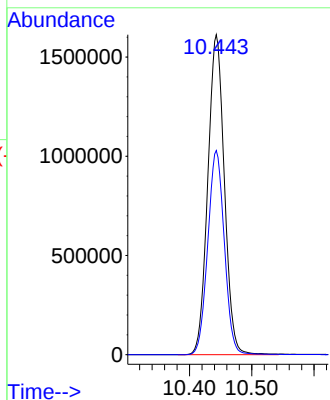
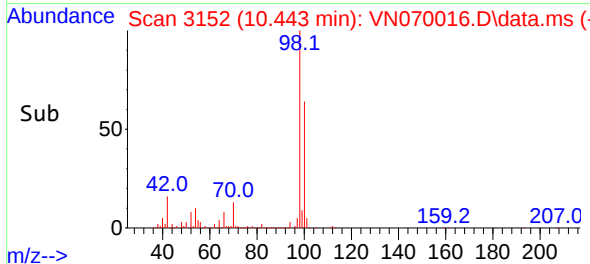
Instrument :
MSVOA_N
ClientSampleId :
A2-4-6.5



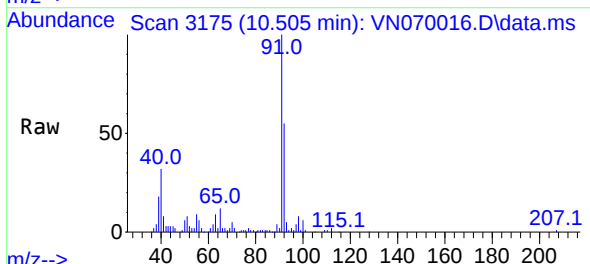
Tgt Ion: 98 Resp: 297696
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

Manual Integrations
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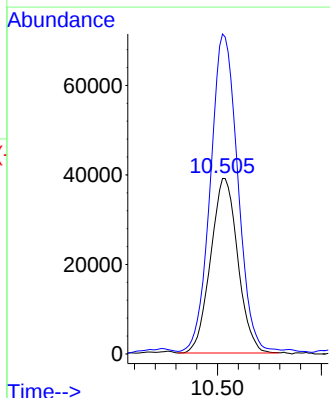
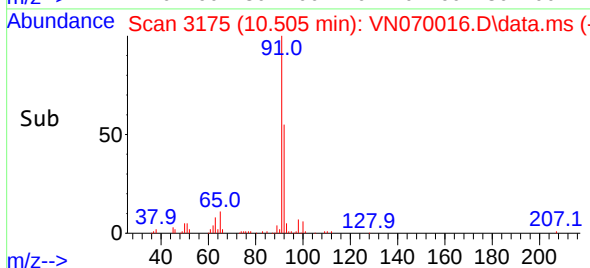
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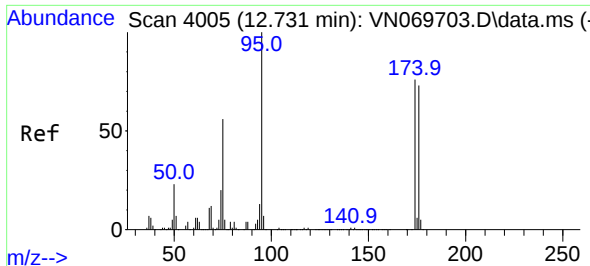


#52
Toluene
Concen: 1.806 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36



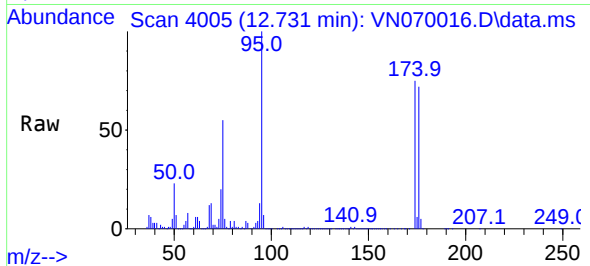
Tgt Ion: 92 Resp: 70745
Ion Ratio Lower Upper
92 100
91 182.5 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 69.855 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

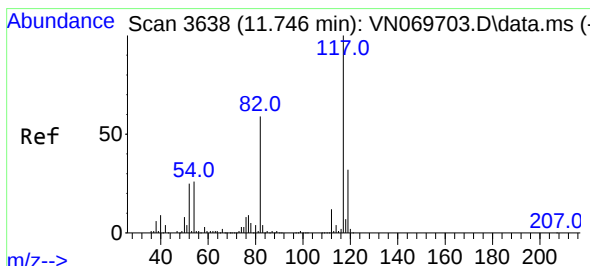
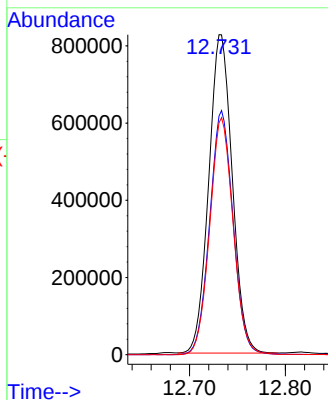
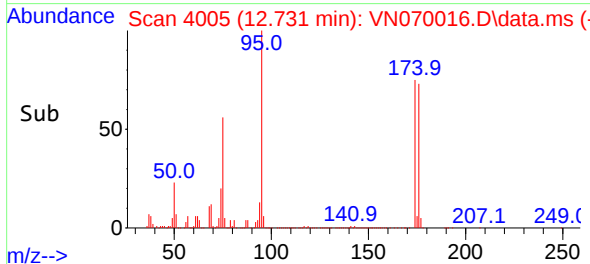
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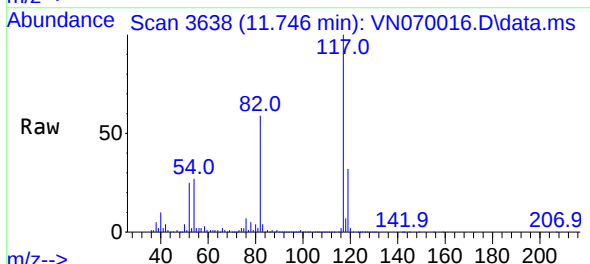
Tgt Ion: 95 Resp: 140321
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 74.1 0.0 181.4

Manual Integrations
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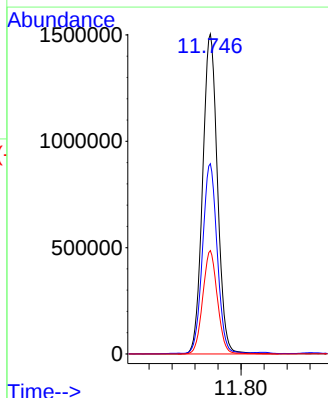
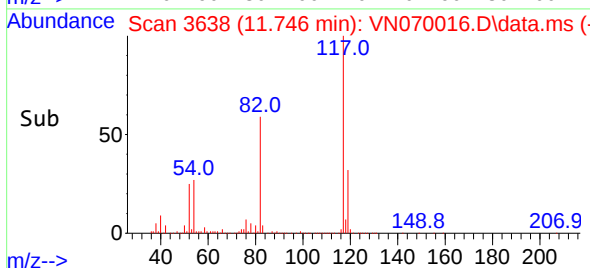
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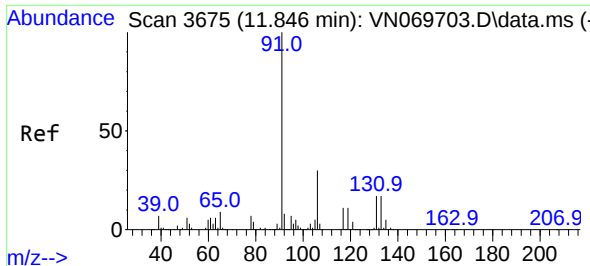


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36



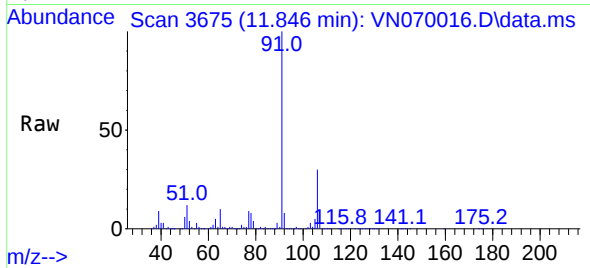
Tgt Ion:117 Resp: 2687296
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.3 25.4 38.2





#67
Ethyl Benzene
Concen: 17.511 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

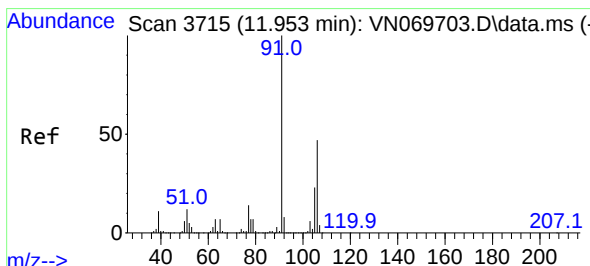
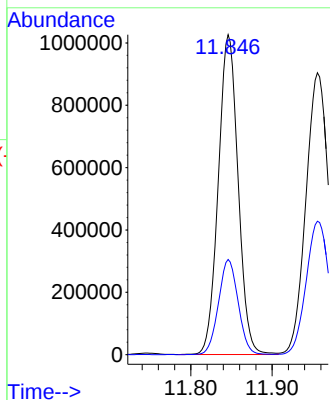
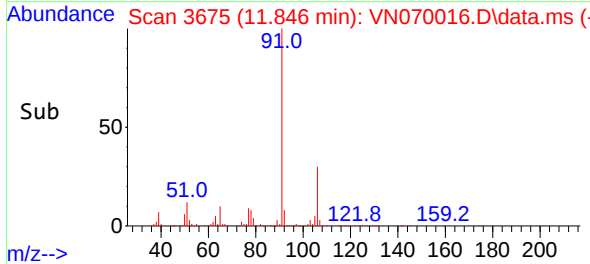
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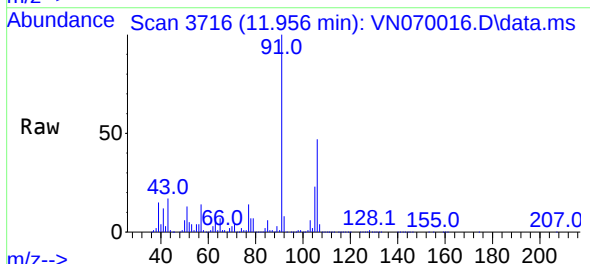
Tgt Ion: 91 Resp: 173414
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

Manual Integrations
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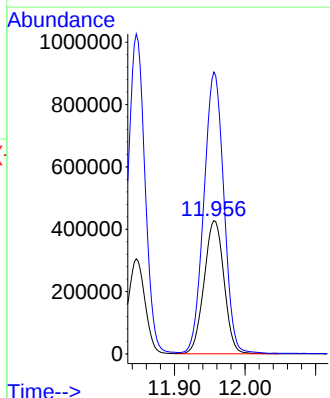
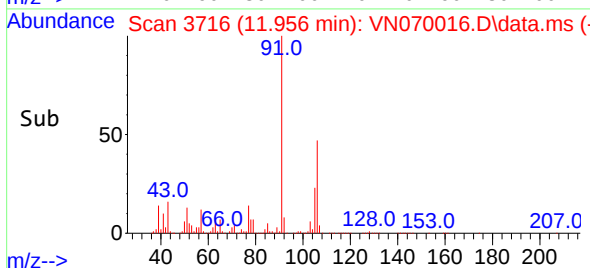
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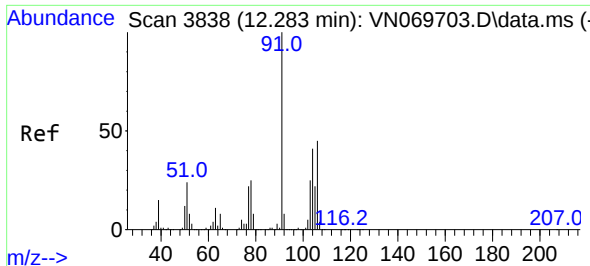


#68
m/p-Xylenes
Concen: 23.293 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36



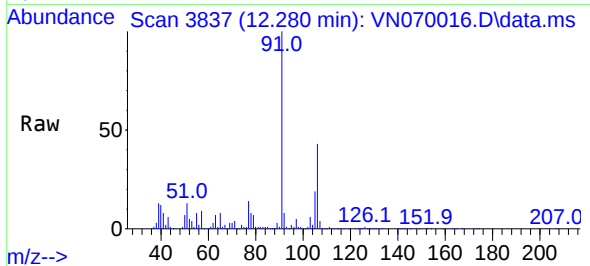
Tgt Ion:106 Resp: 839871
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8





#69
o-Xylene
Concen: 4.344 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

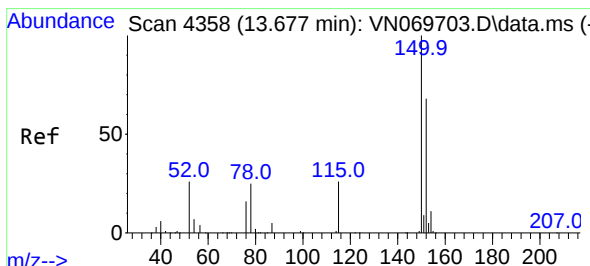
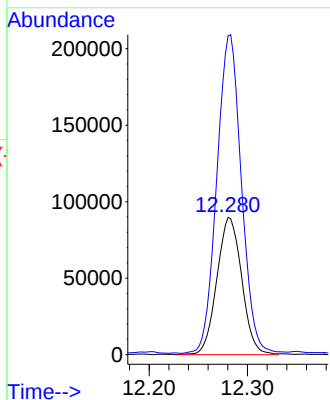
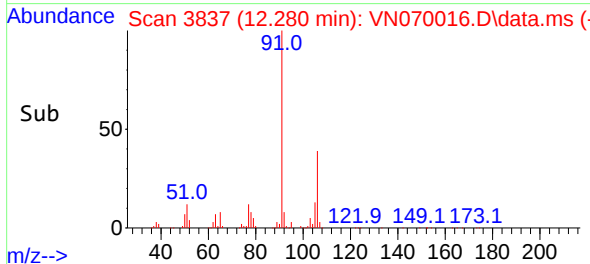
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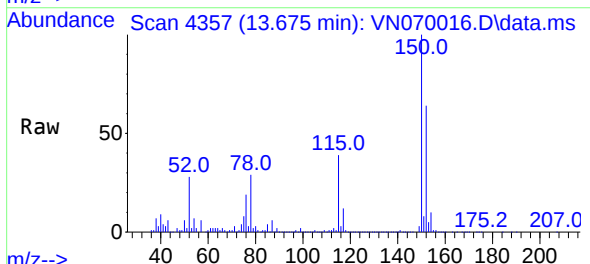
Tgt Ion:106 Resp: 157768
Ion Ratio Lower Upper
106 100
91 229.2 105.8 317.3

Manual Integrations
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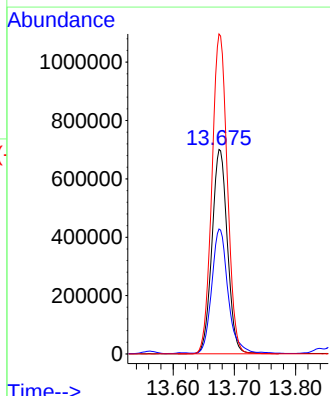
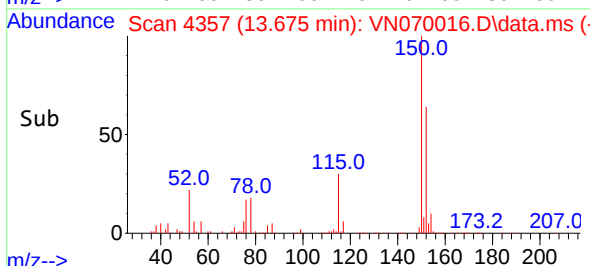
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Supervised By :Semsettin Yesilyurt 12/31/2021

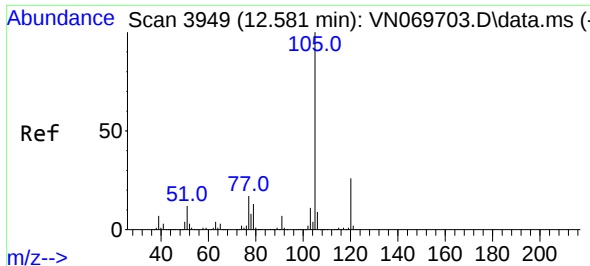


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36



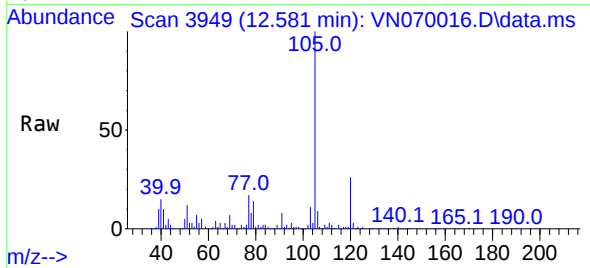
Tgt Ion:152 Resp: 1225199
Ion Ratio Lower Upper
152 100
115 63.7 27.5 82.5
150 156.3 0.0 344.4





#73
Isopropylbenzene
Concen: 2.306 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

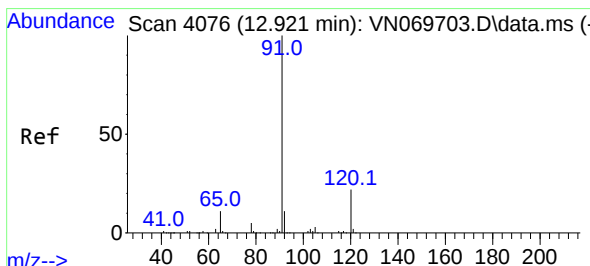
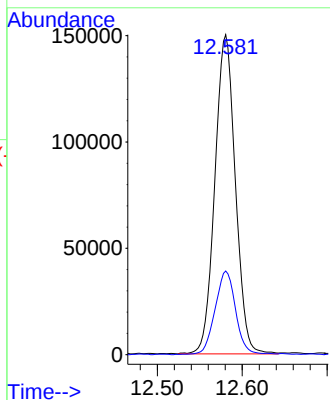
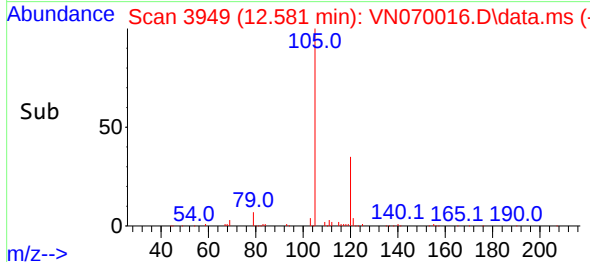
Instrument :
MSVOA_N
ClientSampleId :
A2-4-6.5



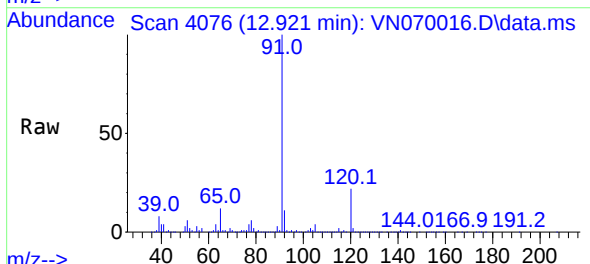
Tgt Ion:105 Resp: 25136
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

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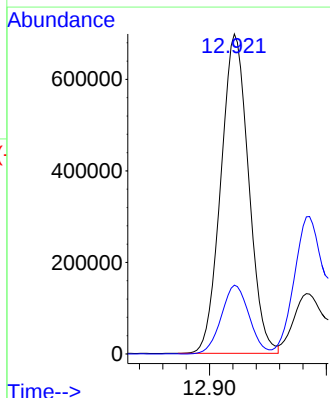
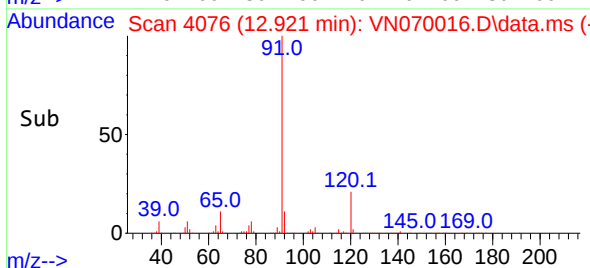
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021

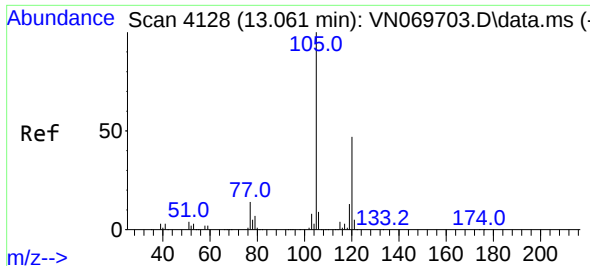


#78
n-propylbenzene
Concen: 9.487 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36



Tgt Ion: 91 Resp: 1150821
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9





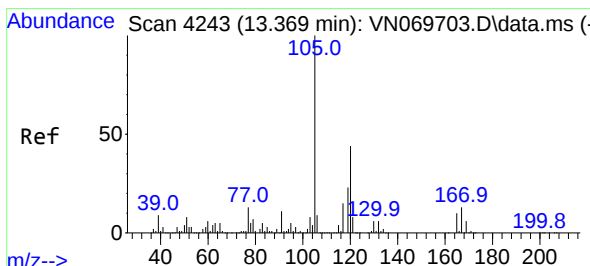
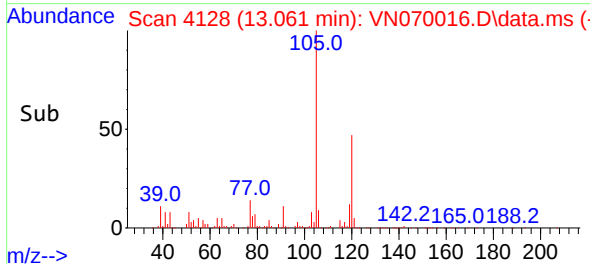
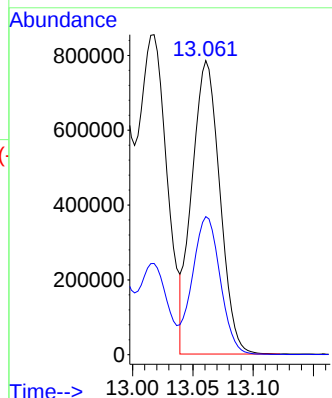
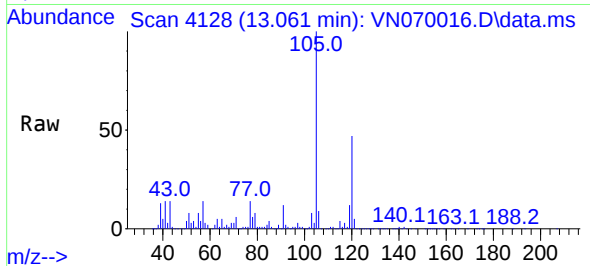
#80
1,3,5-Trimethylbenzene
Concen: 14.377 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :
A2-4-6.5

Tgt Ion:105 Resp: 1261398
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6

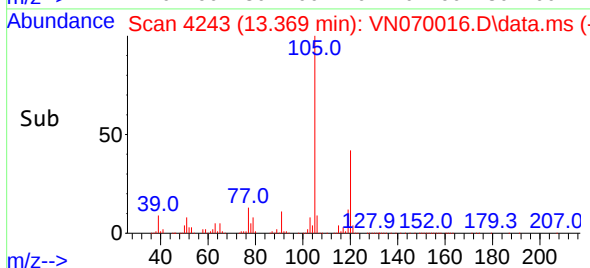
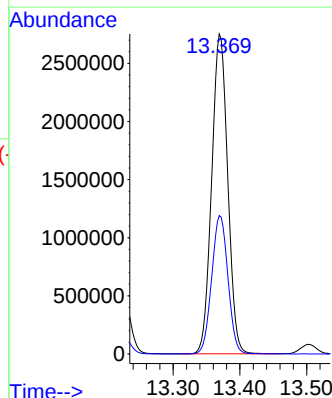
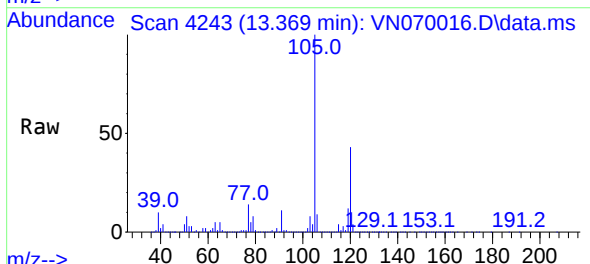
Manual Integrations
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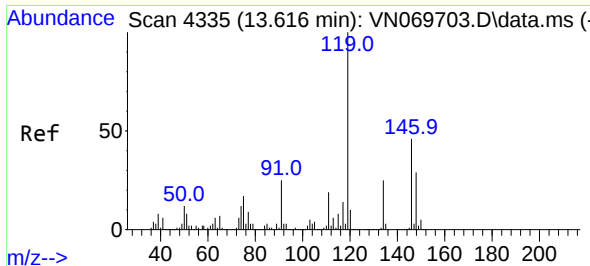
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#84
1,2,4-Trimethylbenzene
Concen: 54.926 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

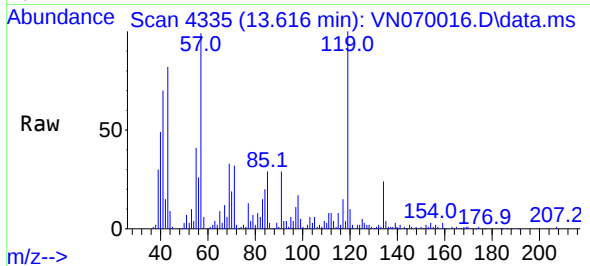
Tgt Ion:105 Resp: 4589559
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





#86
p-Isopropyltoluene
Concen: 0.881 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

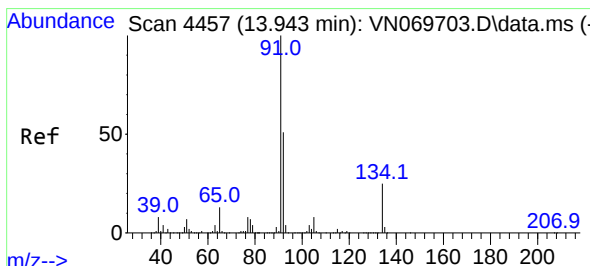
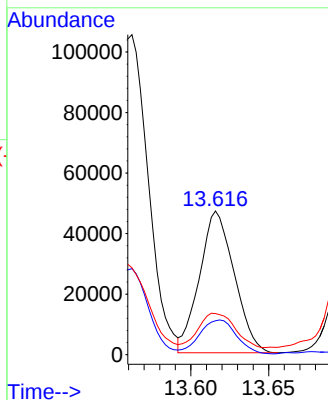
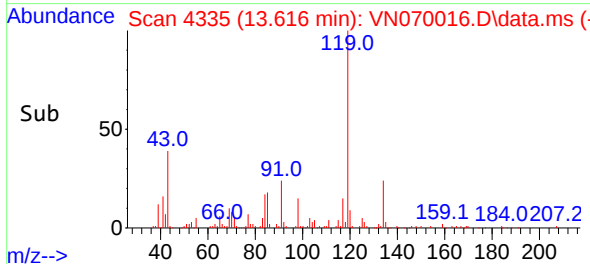
Instrument :
MSVOA_N
ClientSampleId :
A2-4-6.5



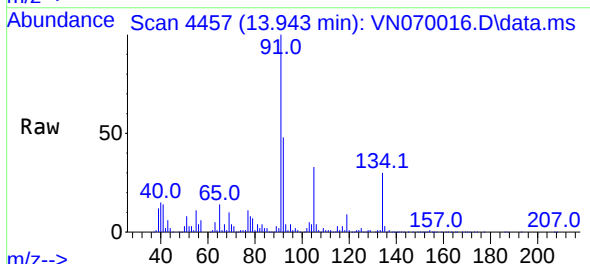
Tgt Ion:119 Resp: 72549
Ion Ratio Lower Upper
119 100
134 25.5 13.6 40.7
91 24.8 11.4 34.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#89
n-Butylbenzene
Concen: 3.321 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36



Tgt Ion: 91 Resp: 221918
Ion Ratio Lower Upper
91 100
92 65.1 25.4 76.0
134 0.0 13.6 40.8#

