

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069966.D
 Acq On : 10 Dec 2021 18:32
 Operator : JC/MD
 Sample : M4969-07DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28DDL

Quant Time: Dec 11 05:22:48 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2021
 Supervised By :Mahesh Dadoda 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1092351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2066435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2357341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1017512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	882894	52.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.70%			
35) Dibromofluoromethane	8.024	113	641437	49.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.12%			
50) Toluene-d8	10.443	98	2719129	52.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.64%			
62) 4-Bromofluorobenzene	12.731	95	1179451	62.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 125.28%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.379	59	236993	74.34	ug/l	97
16) Acetone	4.293	43	21058	2.08	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	90058m	2.23	ug/l	
31) Cyclohexane	8.094	56	111487m	4.75	ug/l	
39) Methylcyclohexane	9.461	83	30396	1.30	ug/l	92
40) Benzene	8.461	78	1900407	31.61	ug/l	100
52) Toluene	10.505	92	34971	0.95	ug/l	93
67) Ethyl Benzene	11.846	91	27006	0.31	ug/l	94
68) m/p-Xylenes	11.950	106	200057	6.32	ug/l	90
69) o-Xylene	12.280	106	9402	0.30	ug/l	78
73) Isopropylbenzene	12.580	105	147900	1.63	ug/l	98
78) n-propylbenzene	12.921	91	421567	4.18	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	16651	0.23	ug/l	100
95) Naphthalene	15.507	128	138771	6.55	ug/l	99

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

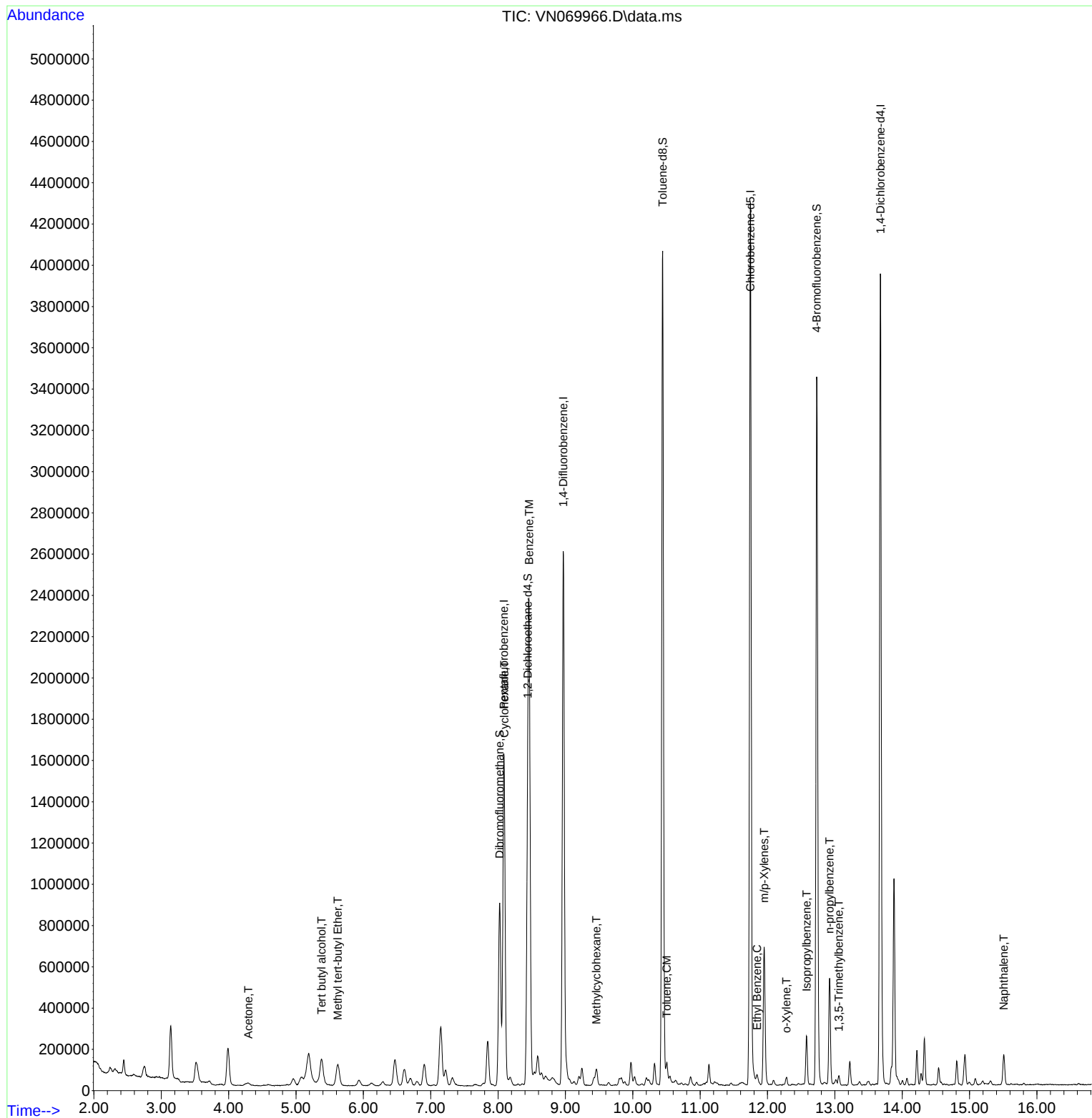
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Data File : VN069966.D
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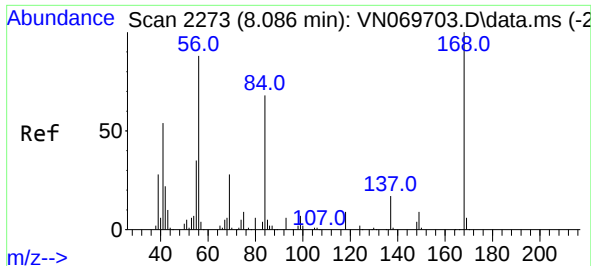
Instrument :
MSVOA_N
ClientSampleId :
MW-28DDL

Quant Time: Dec 11 05:22:48 2021
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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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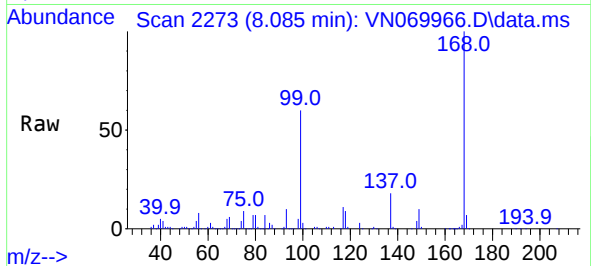
Reviewed By : Semsettin Yesilyurt 12/23/2021
Supervised By : Mahesh Dadoda 12/23/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

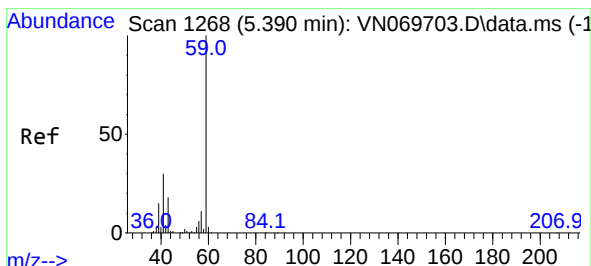
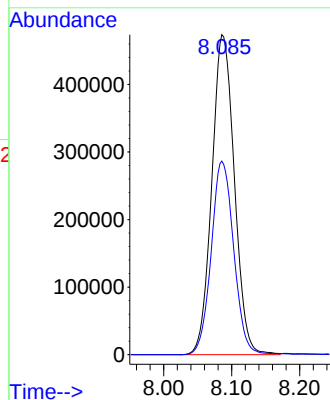
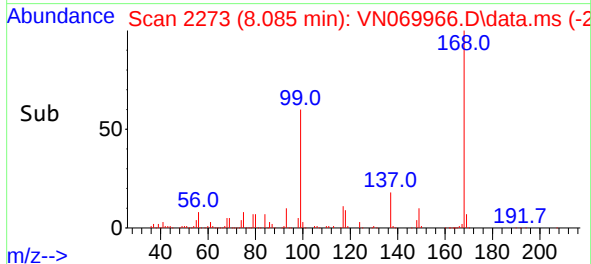
Instrument :
MSVOA_N
ClientSampleId :
MW-28DDL



Tgt Ion:168 Resp: 109235
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

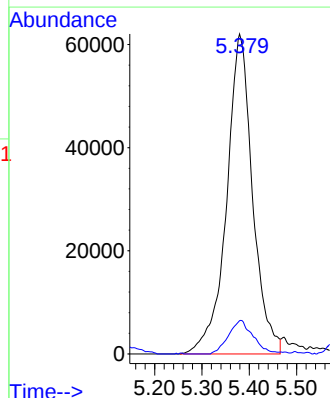
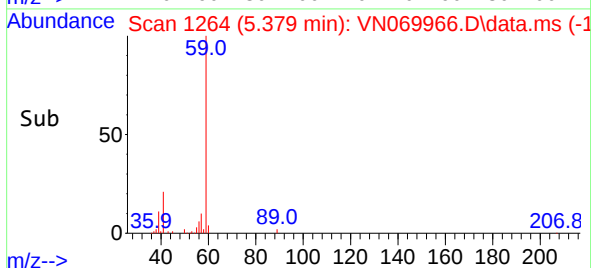
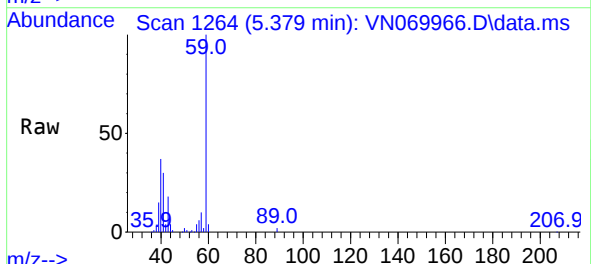
Manual Integrations
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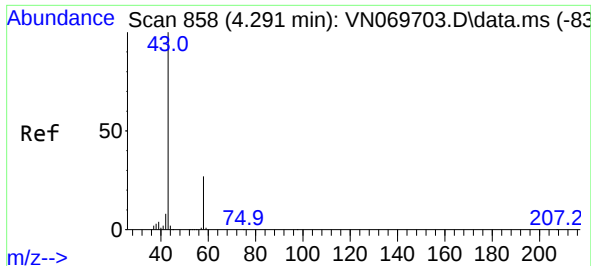
Reviewed By :Semsettin Yesilyurt 12/23/2021
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#11
Tert butyl alcohol
Concen: 74.34 ug/l
RT: 5.379 min Scan# 1264
Delta R.T. -0.011 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

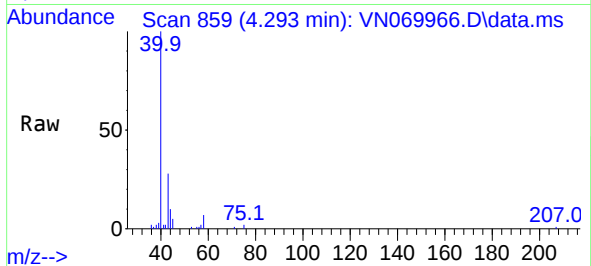
Tgt Ion: 59 Resp: 236993
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1





#16
Acetone
Concen: 2.08 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

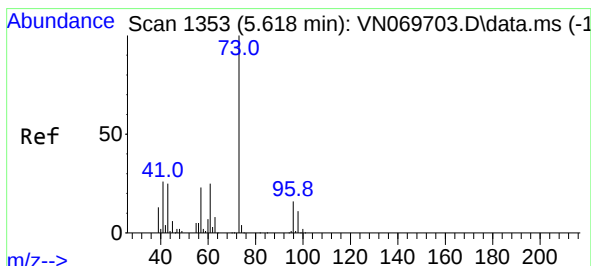
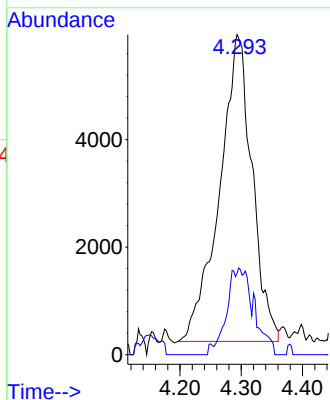
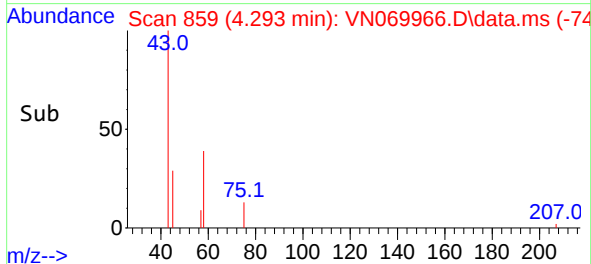
Instrument :
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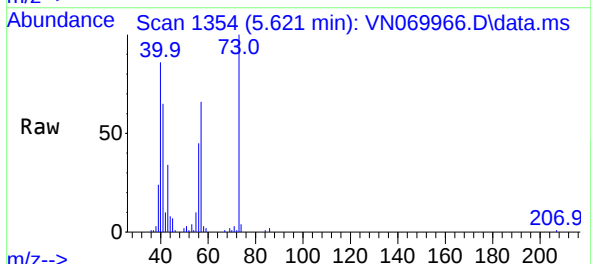
Tgt Ion: 43 Resp: 21058
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7

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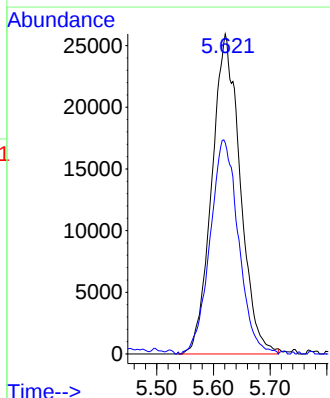
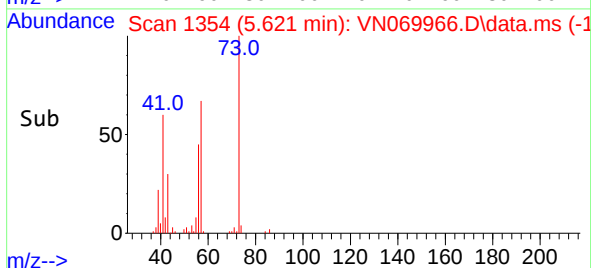
Reviewed By :Semsettin Yesilyurt 12/23/2021
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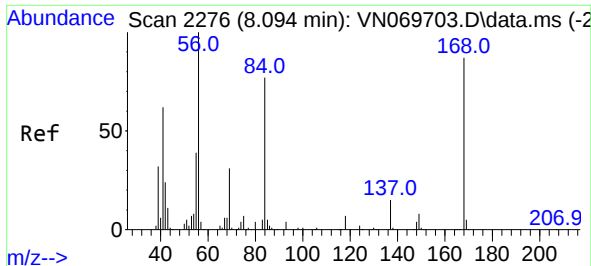


#19
Methyl tert-butyl Ether
Concen: 2.23 ug/l m
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32



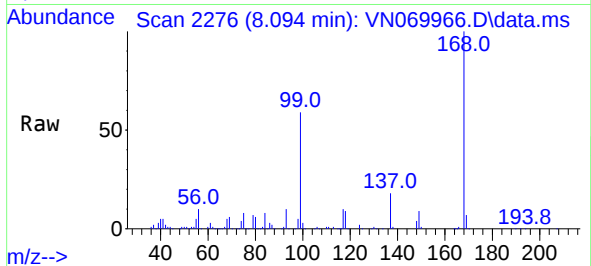
Tgt Ion: 73 Resp: 90058
Ion Ratio Lower Upper
73 100
57 66.0 16.8 25.2#





#31
Cyclohexane
Concen: 4.75 ug/l m
RT: 8.094 min Scan# 21148
Delta R.T. 0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

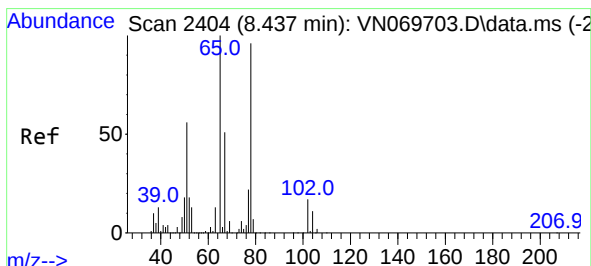
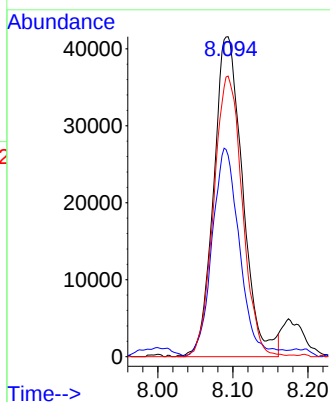
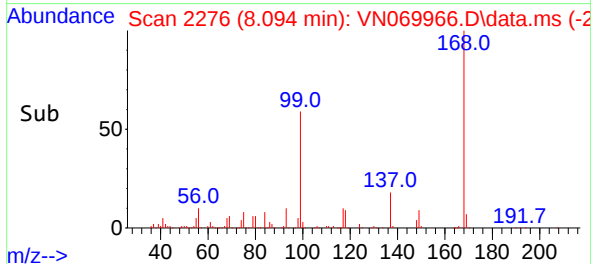
Instrument :
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ClientSampleId :
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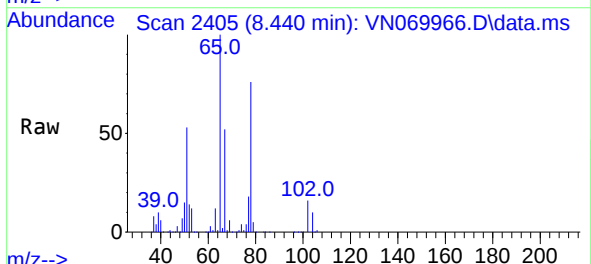
Tgt Ion: 56 Resp: 11148
Ion Ratio Lower Upper
56 100
69 62.9 27.1 40.7
84 87.7 73.4 110.0

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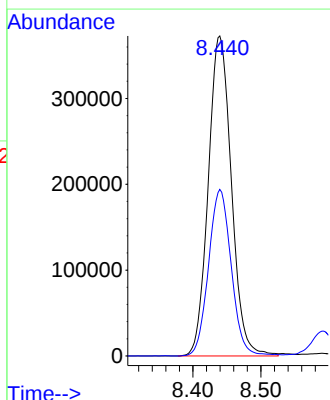
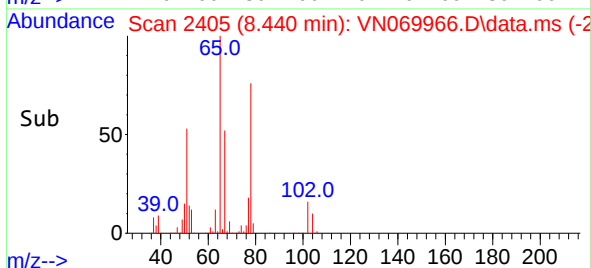
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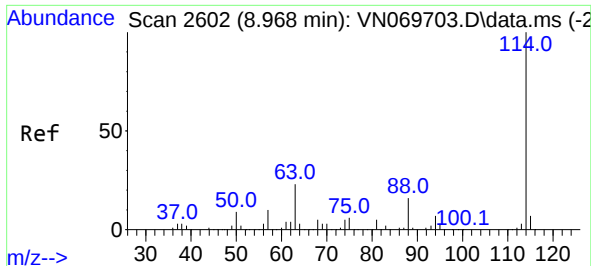


#33
1,2-Dichloroethane-d4
Concen: 52.35 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32



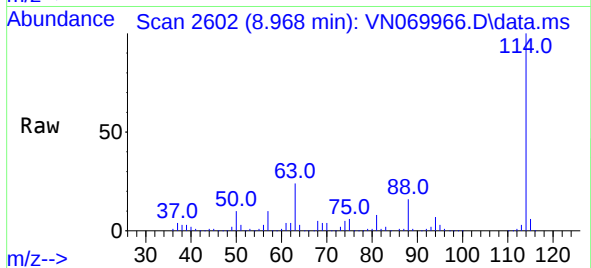
Tgt Ion: 65 Resp: 882894
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

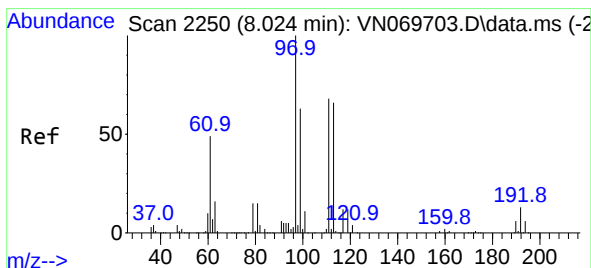
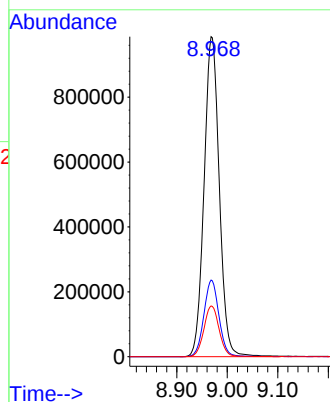
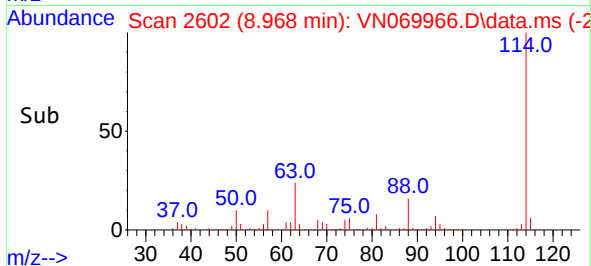
Instrument :
MSVOA_N
ClientSampleId :
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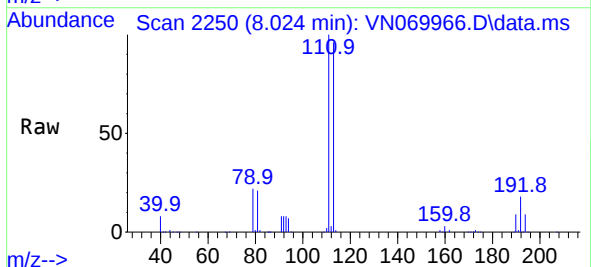
Tgt Ion:114 Resp: 206643
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 15.8 0.0 27.4

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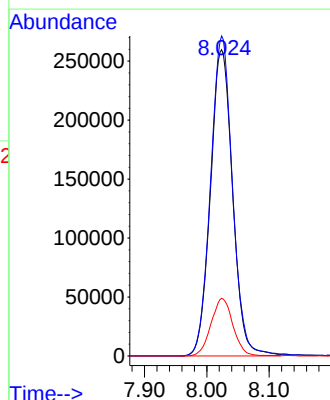
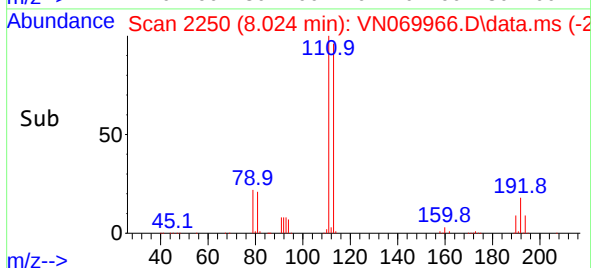
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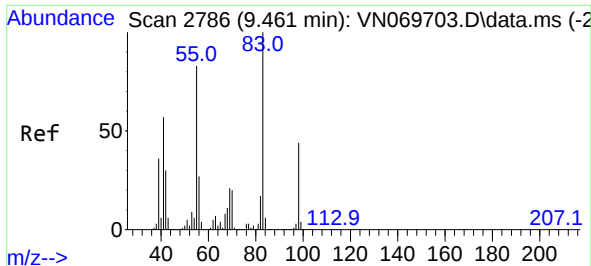


#35
Dibromofluoromethane
Concen: 49.56 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32



Tgt Ion:113 Resp: 641437
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.6 16.9 25.3





#39

Methylcyclohexane

Concen: 1.30 ug/l

RT: 9.461 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069966.D

Acq: 10 Dec 2021 18:32

Instrument :

MSVOA_N

ClientSampleId :

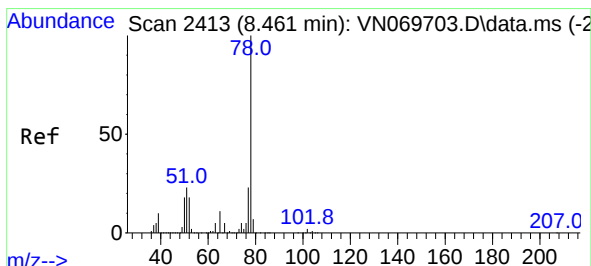
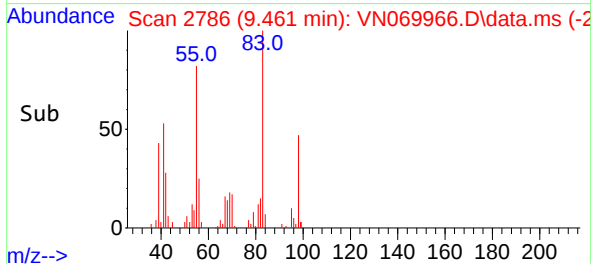
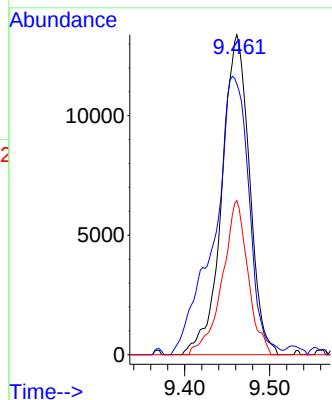
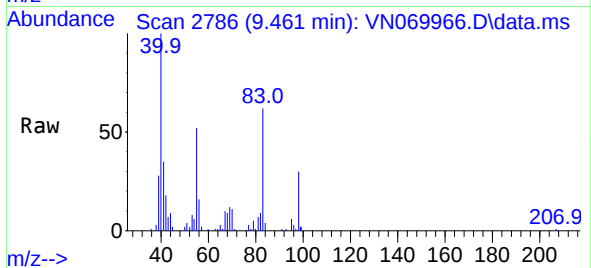
MW-28DDL

Tgt Ion:	83	Resp:	30390
Ion Ratio	Lower	Upper	
83	100		
55	83.0	58.1	87.1
98	48.2	38.4	57.6

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#40

Benzene

Concen: 31.61 ug/l

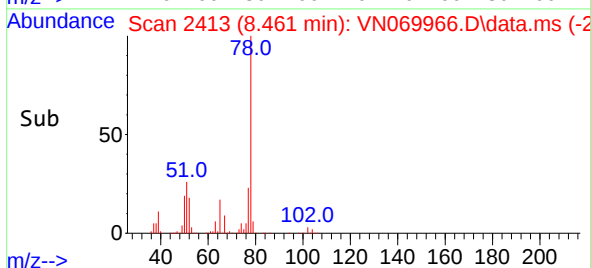
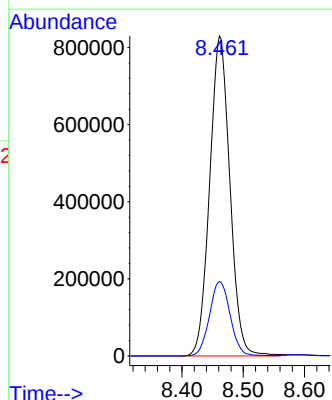
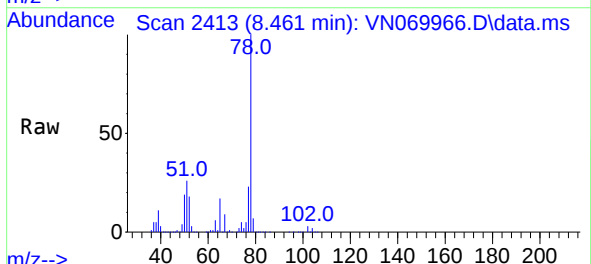
RT: 8.461 min Scan# 2413

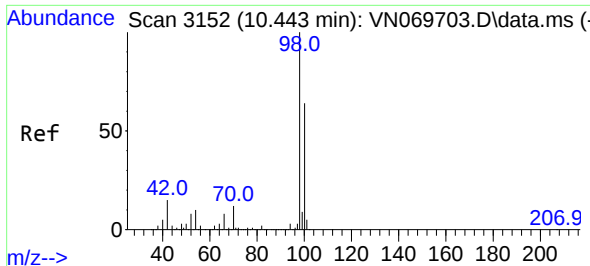
Delta R.T. 0.000 min

Lab File: VN069966.D

Acq: 10 Dec 2021 18:32

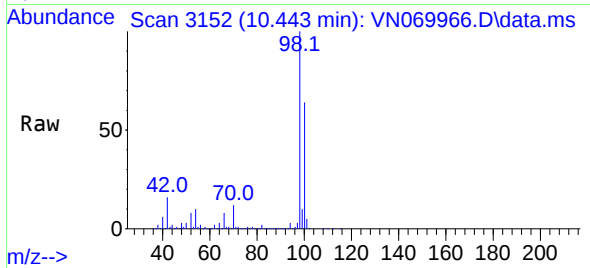
Tgt Ion:	78	Resp:	1900407
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.6	27.8





#50
Toluene-d8
Concen: 52.32 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

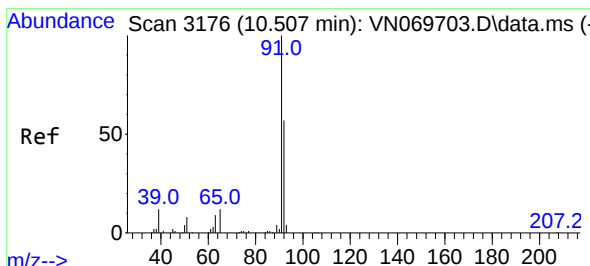
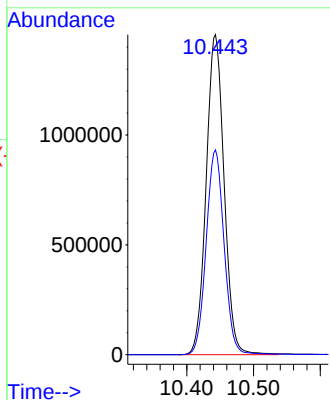
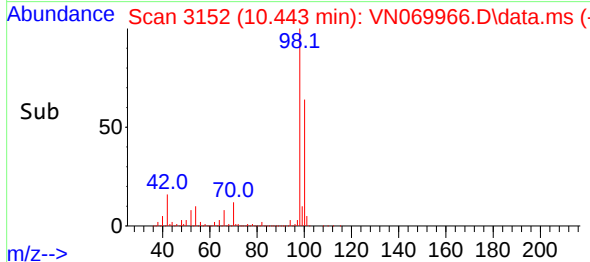
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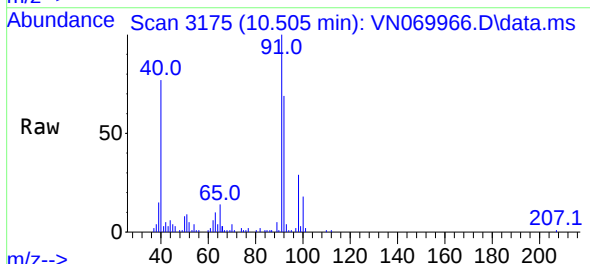
Tgt Ion: 98 Resp: 2719129
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

Manual Integrations
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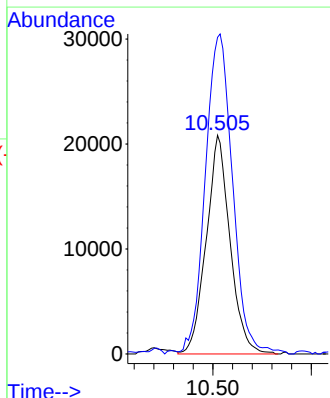
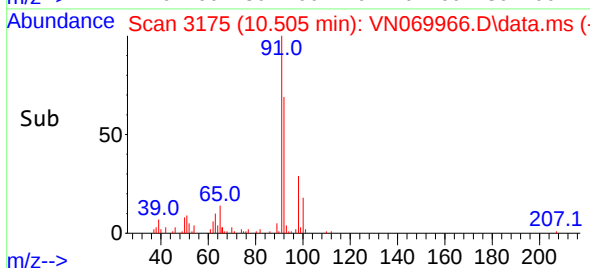
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021

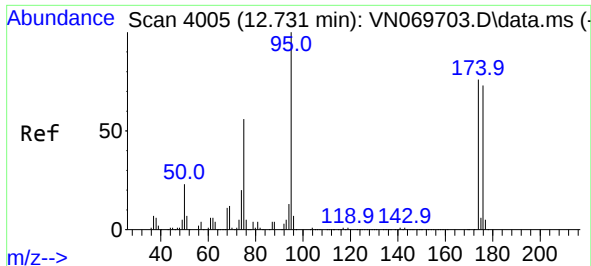


#52
Toluene
Concen: 0.95 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32



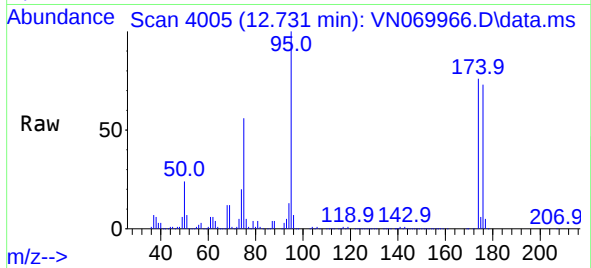
Tgt Ion: 92 Resp: 34971
Ion Ratio Lower Upper
92 100
91 167.6 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 62.64 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

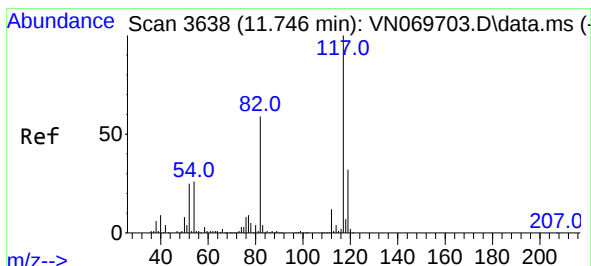
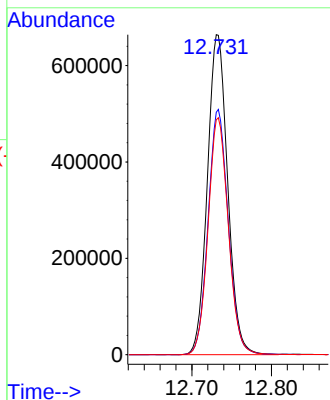
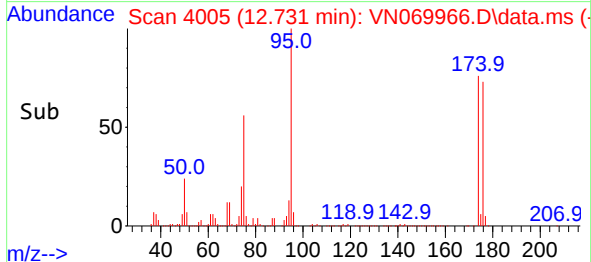
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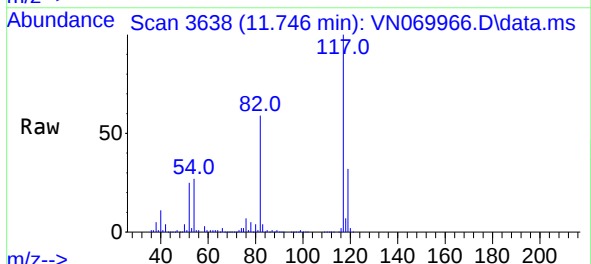
Tgt Ion: 95 Resp: 117945
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.8 0.0 181.4

Manual Integrations
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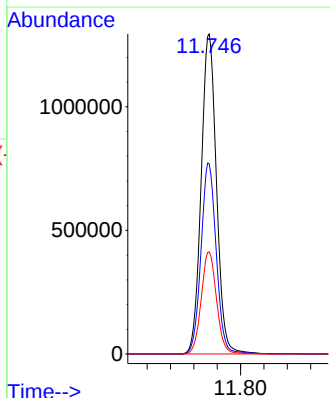
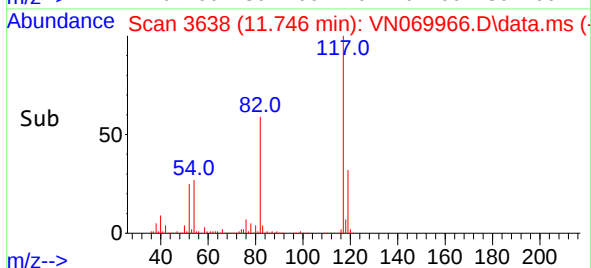
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021

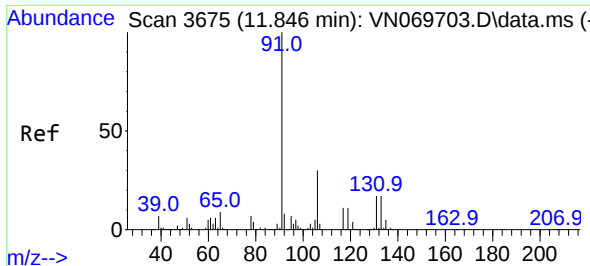


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32



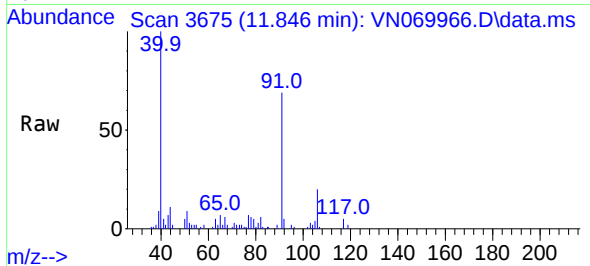
Tgt Ion:117 Resp: 2357341
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 31.9 25.4 38.2





#67
Ethyl Benzene
Concen: 0.31 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

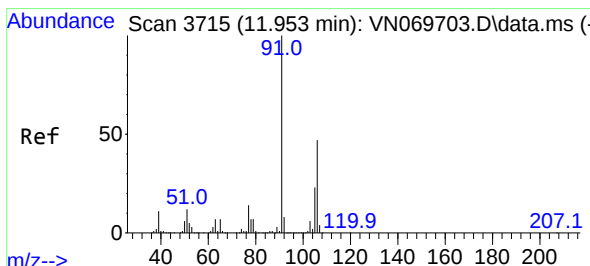
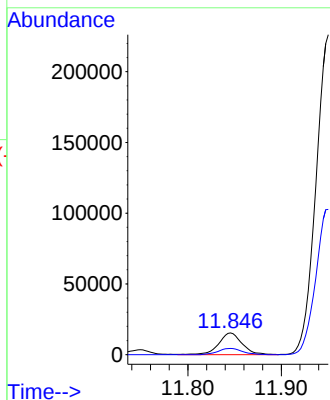
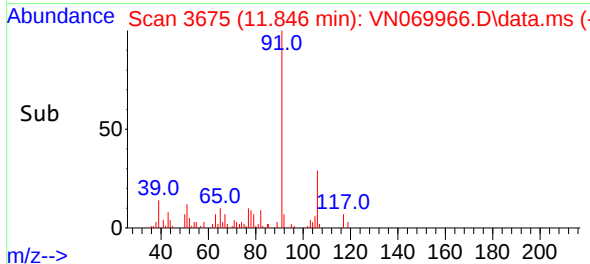
Instrument :
MSVOA_N
ClientSampleId :
MW-28DDL



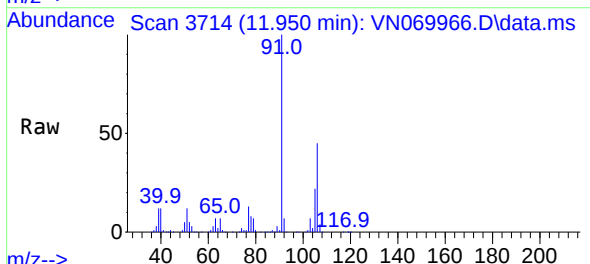
Tgt Ion: 91 Resp: 27000
Ion Ratio Lower Upper
91 100
106 28.7 25.7 38.5

Manual Integrations
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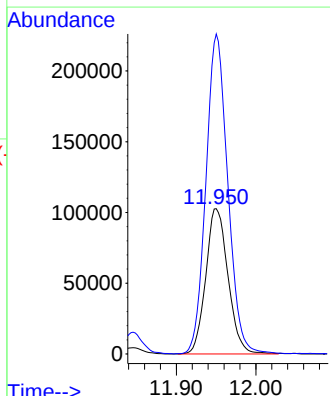
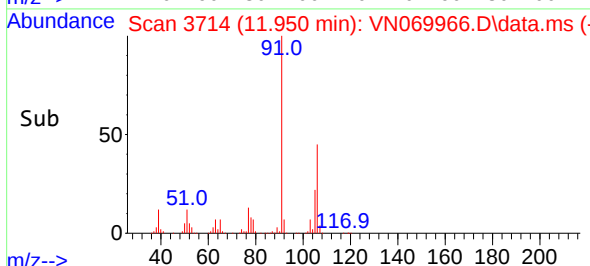
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021

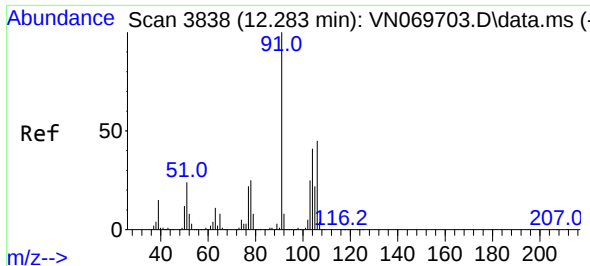


#68
m/p-Xylenes
Concen: 6.32 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32



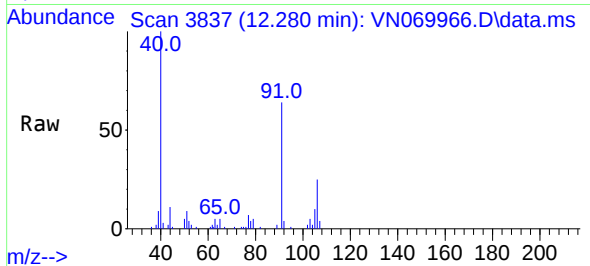
Tgt Ion:106 Resp: 200057
Ion Ratio Lower Upper
106 100
91 216.5 160.6 240.8





#69
o-Xylene
Concen: 0.30 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

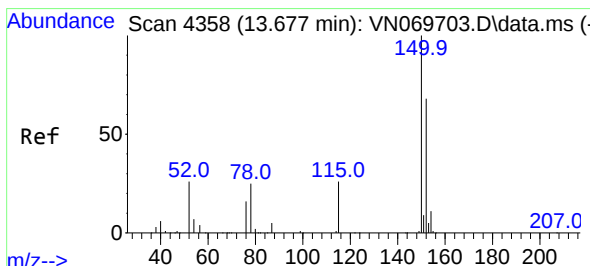
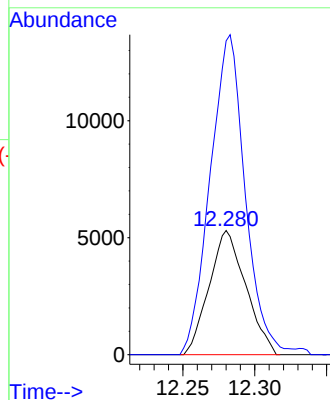
Instrument :
MSVOA_N
ClientSampleId :
MW-28DDL



Tgt Ion:106 Resp: 9402
Ion Ratio Lower Upper
106 100
91 246.2 105.8 317.3

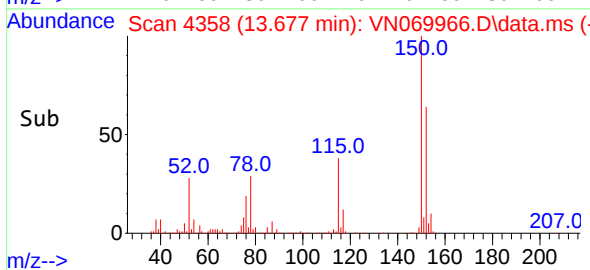
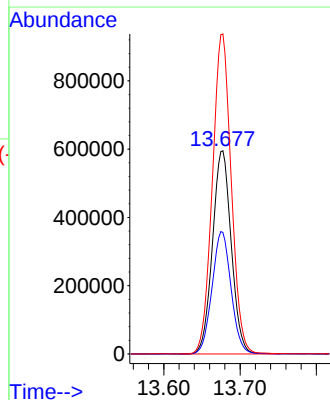
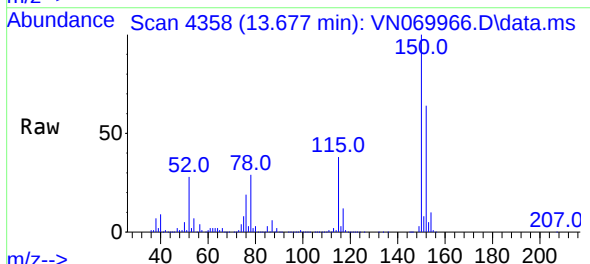
Manual Integrations
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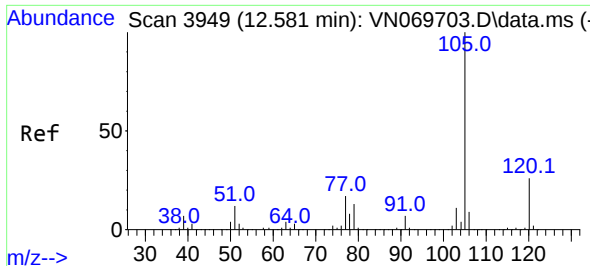
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

Tgt Ion:152 Resp: 1017512
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 157.8 0.0 344.4





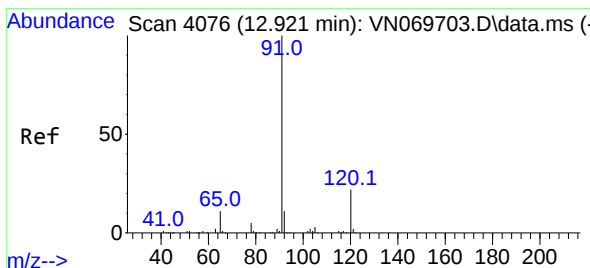
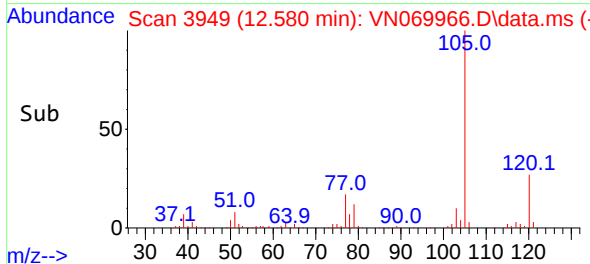
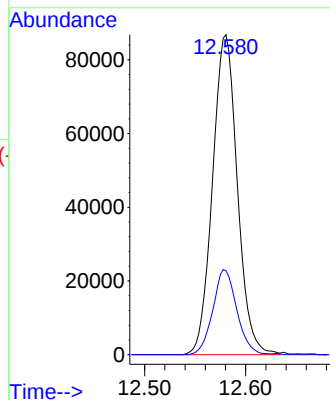
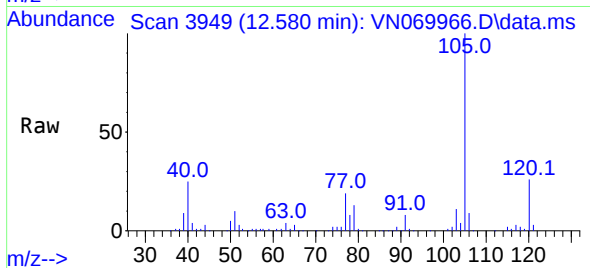
#73
Isopropylbenzene
Concen: 1.63 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

Instrument :
MSVOA_N
ClientSampleId :
MW-28DDL

Tgt Ion:105 Resp: 147900
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

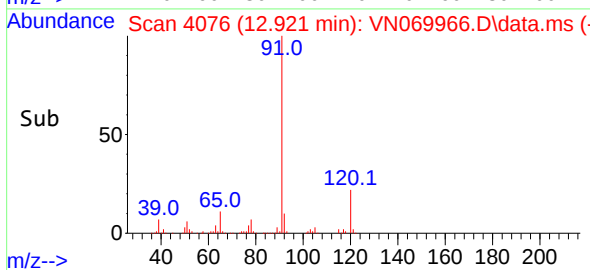
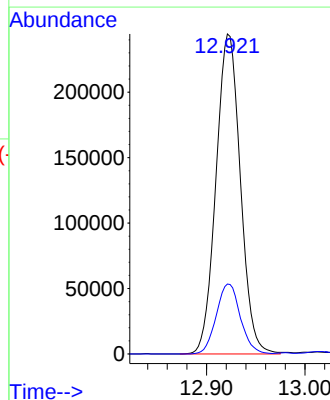
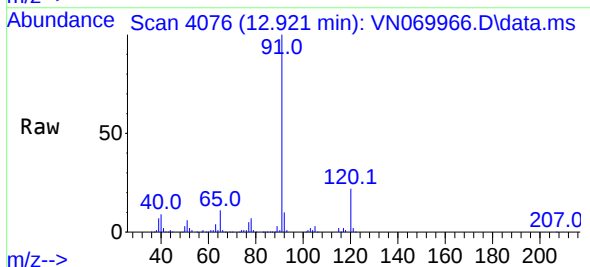
Manual Integrations
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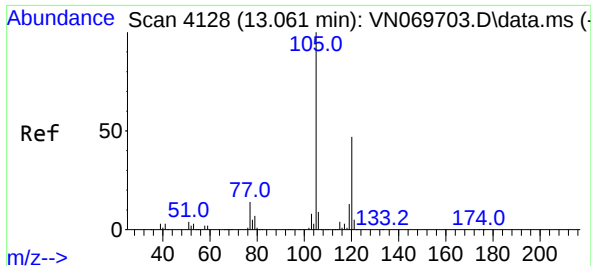
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 4.18 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

Tgt Ion: 91 Resp: 421567
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





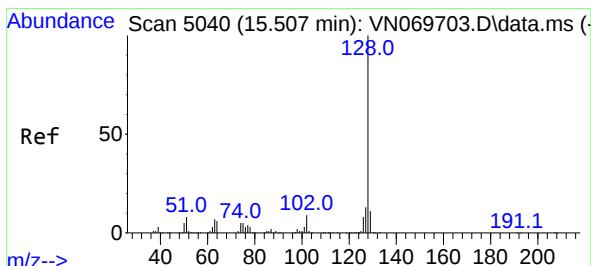
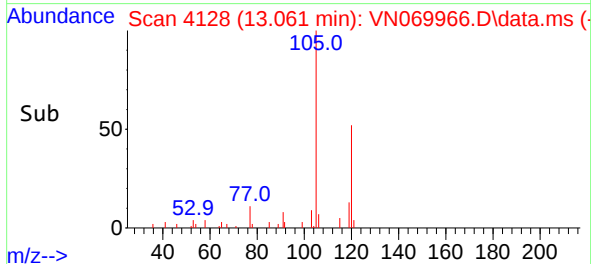
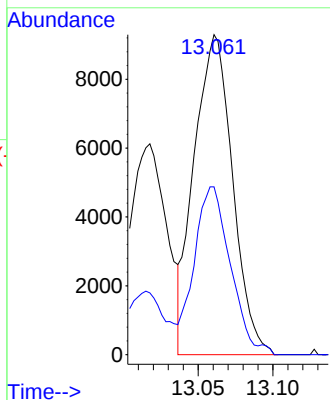
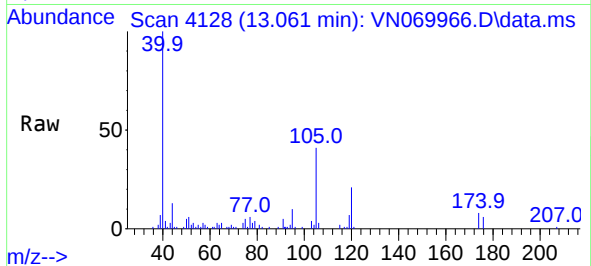
#80
1,3,5-Trimethylbenzene
Concen: 0.23 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

Instrument :
MSVOA_N
ClientSampleId :
MW-28DDL

Tgt Ion:105 Resp: 1665
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#95
Naphthalene
Concen: 6.55 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069966.D
Acq: 10 Dec 2021 18:32

Tgt Ion:128 Resp: 138771
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.3 8.7 13.1

