

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069961.D
 Acq On : 10 Dec 2021 16:24
 Operator : JC/MD
 Sample : M4969-02DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4ADL

Quant Time: Dec 11 05:20:31 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 :Mahesh Dadoda 12/23/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1026522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1932621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2327314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	971361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	814409	51.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.76%			
35) Dibromofluoromethane	8.019	113	588071	48.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.16%			
50) Toluene-d8	10.440	98	2587777	53.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.48%			
62) 4-Bromofluorobenzene	12.731	95	1168889	66.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 132.76%			
Target Compounds					Qvalue	
31) Cyclohexane	8.091	56	273495m	12.40	ug/l	
39) Methylcyclohexane	9.459	83	130040m	5.94	ug/l	
40) Benzene	8.456	78	2448448	43.54	ug/l	99
52) Toluene	10.505	92	97488	2.84	ug/l	97
67) Ethyl Benzene	11.843	91	150551	1.76	ug/l	93
68) m/p-Xylenes	11.953	106	91499	2.93	ug/l	94
69) o-Xylene	12.280	106	40442	1.29	ug/l	93
73) Isopropylbenzene	12.578	105	824969	9.55	ug/l	97
78) n-propylbenzene	12.921	91	2506081	26.06	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	94454	1.43	ug/l	98
85) sec-Butylbenzene	13.500	105	116244	1.39	ug/l #	76
89) n-Butylbenzene	13.940	91	159097	3.00	ug/l #	73
95) Naphthalene	15.507	128	99934	5.92	ug/l	98

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

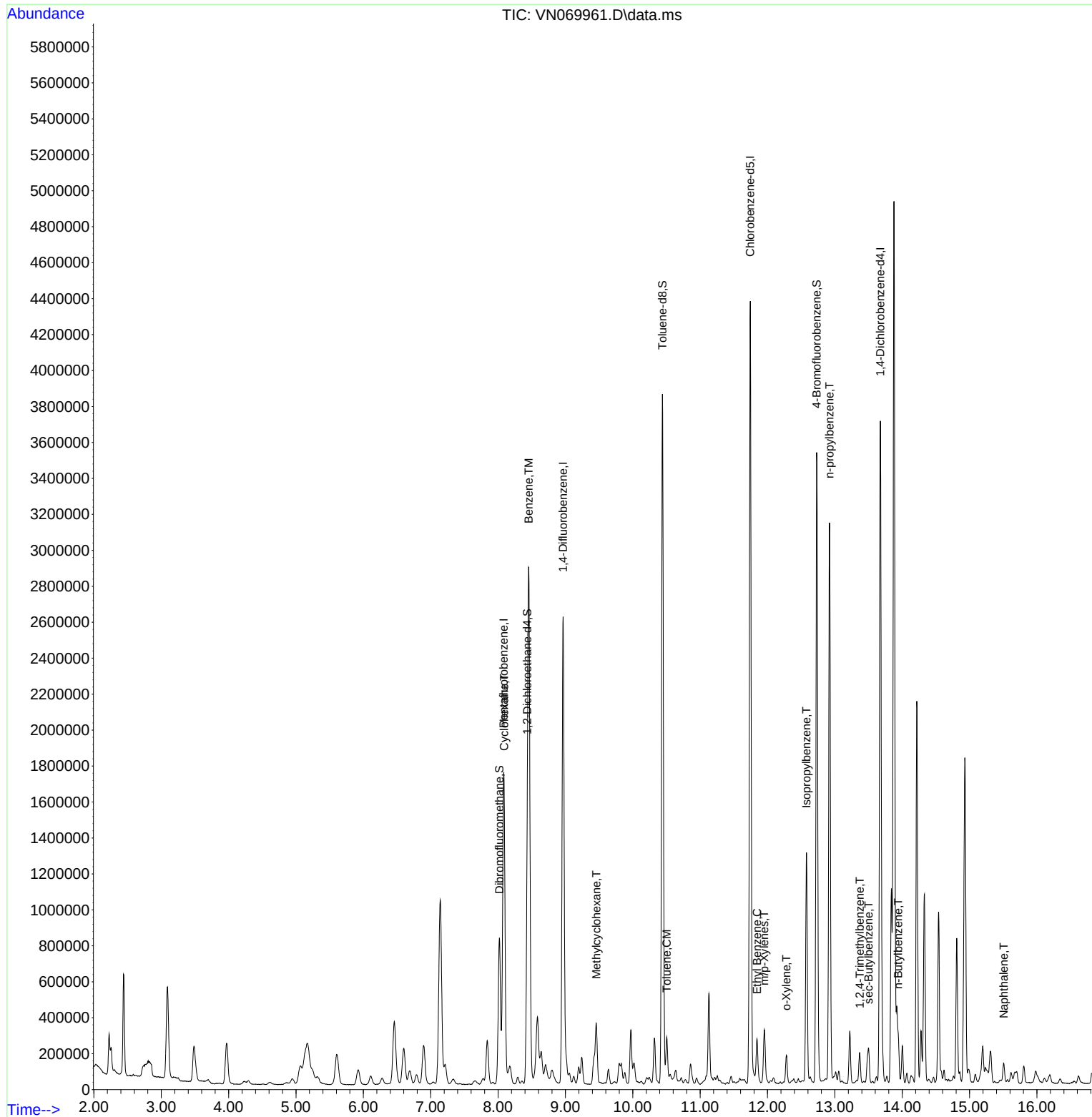
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069961.D
Acq On : 10 Dec 2021 16:24
Operator : JC/MD
Sample : M4969-02DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

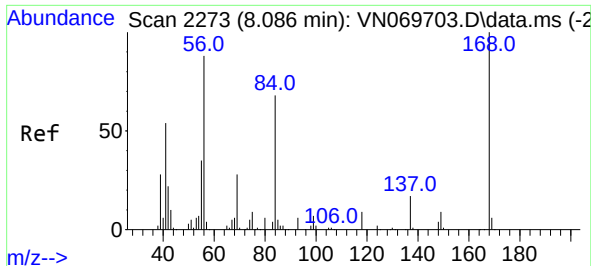
Instrument :
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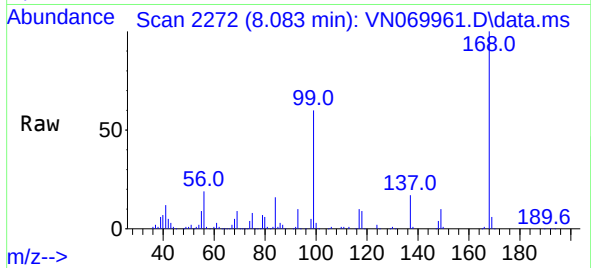
Quant Time: Dec 11 05:20:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

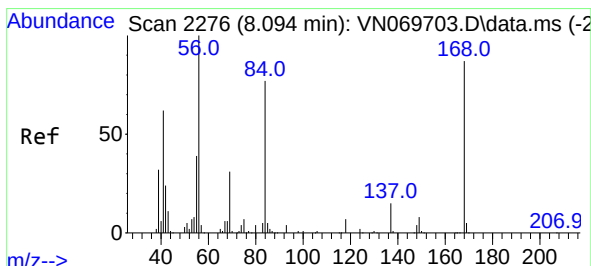
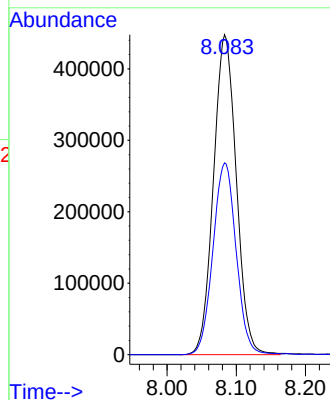
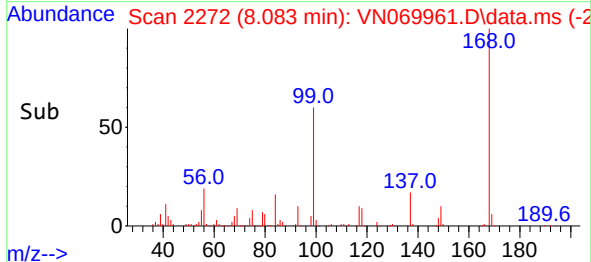
Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL



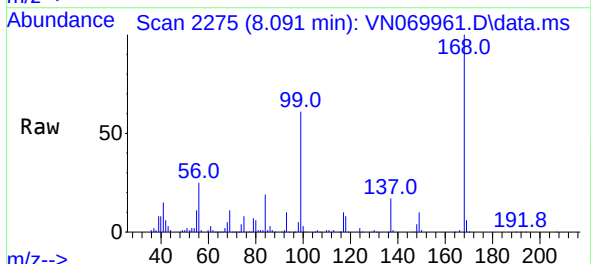
Tgt Ion:168 Resp: 102652
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

Manual Integrations
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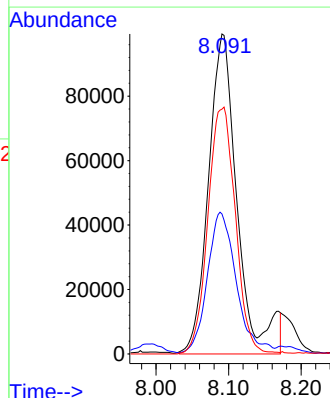
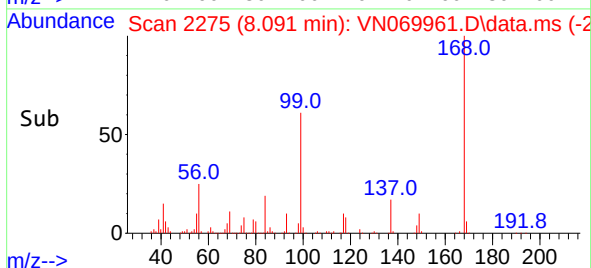
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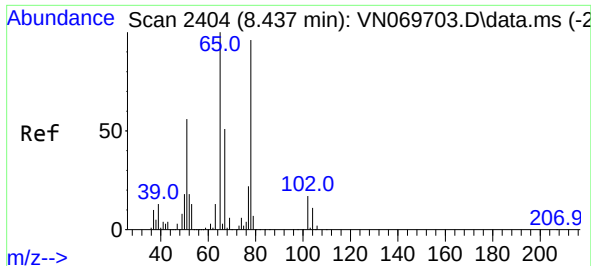


#31
Cyclohexane
Concen: 12.40 ug/l m
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24



Tgt Ion: 56 Resp: 273495
Ion Ratio Lower Upper
56 100
69 43.7 27.1 40.7#
84 76.5 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 51.38 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN069961.D

Acq: 10 Dec 2021 16:24

Instrument :

MSVOA_N

ClientSampleId :

MW-4ADL

Tgt Ion: 65 Resp: 814409

Ion Ratio Lower Upper

65 100

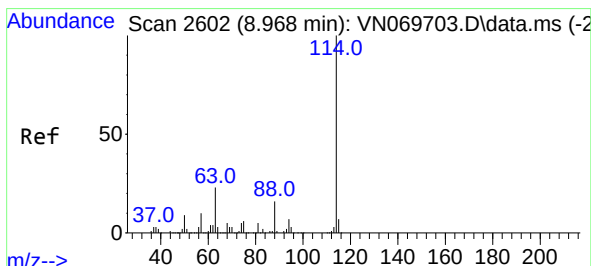
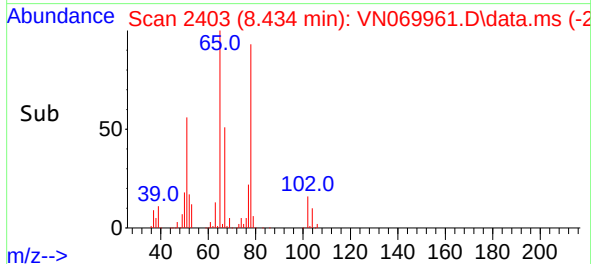
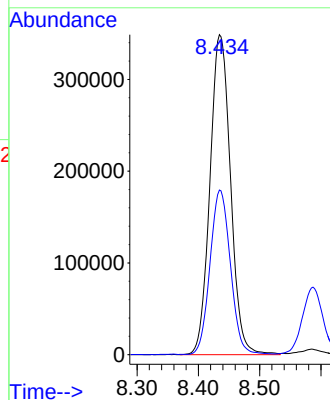
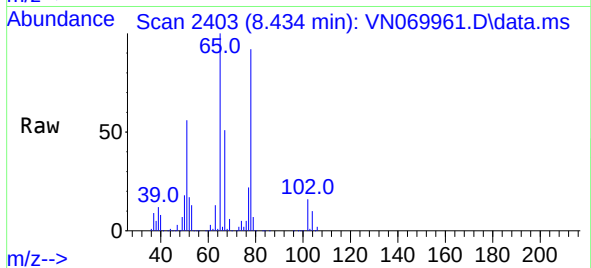
67 50.8 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069961.D

Acq: 10 Dec 2021 16:24

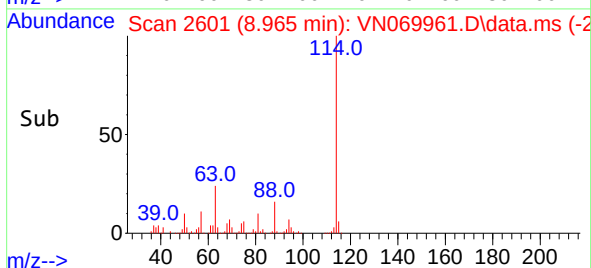
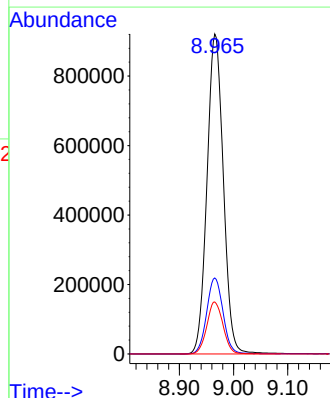
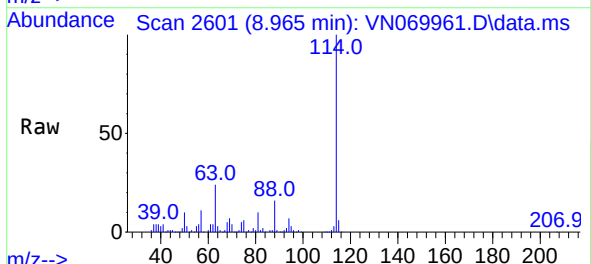
Tgt Ion:114 Resp: 1932621

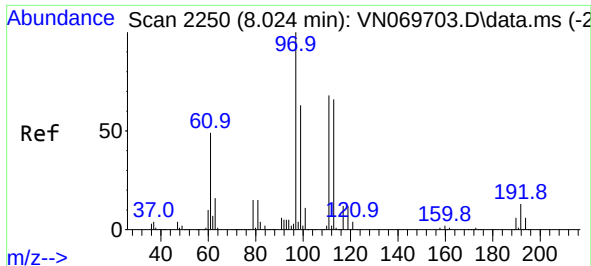
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

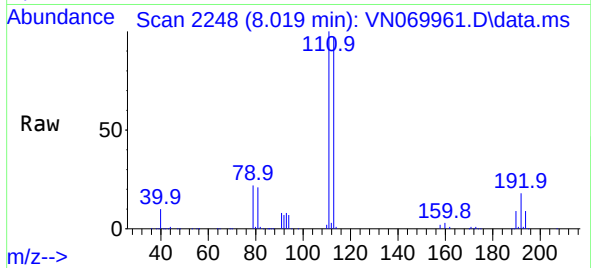
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.58 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.005 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

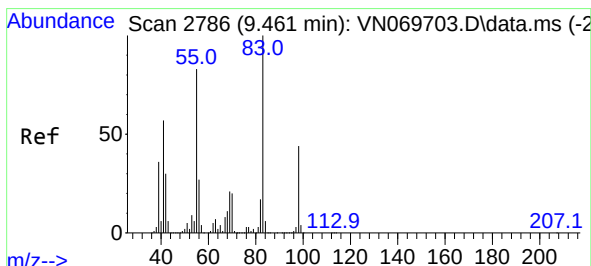
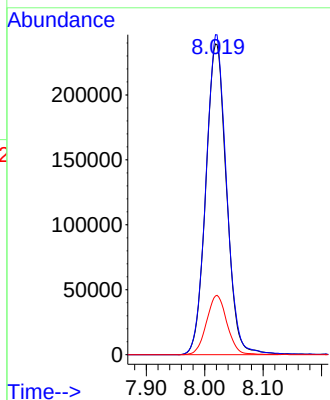
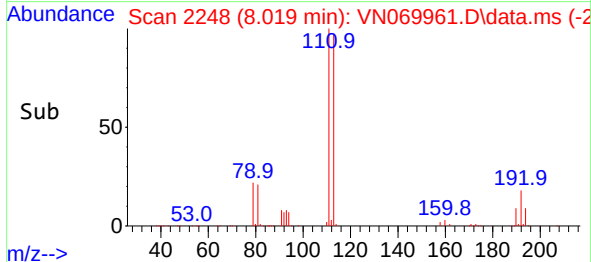
Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL



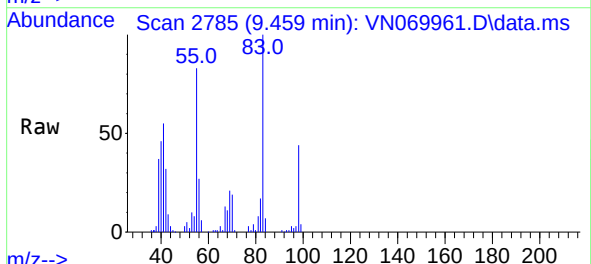
Tgt Ion:113 Resp: 58807
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.9 16.9 25.3

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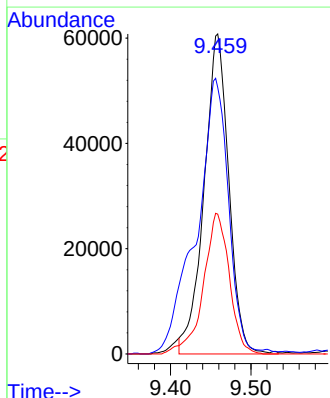
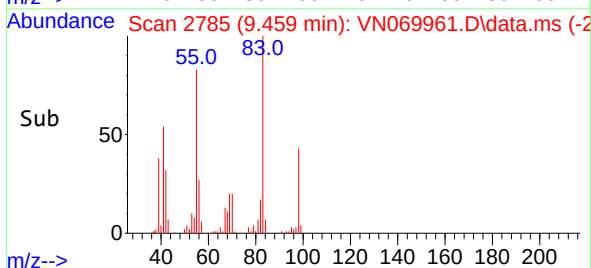
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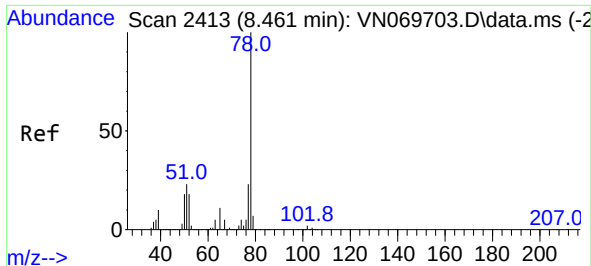


#39
Methylcyclohexane
Concen: 5.94 ug/l m
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24



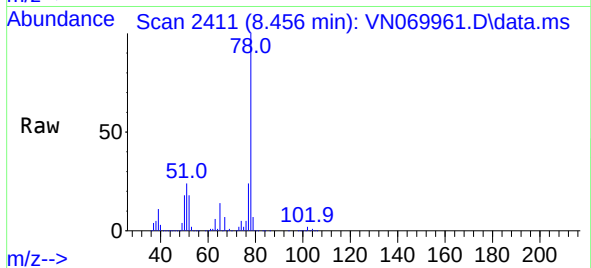
Tgt Ion: 83 Resp: 130040
Ion Ratio Lower Upper
83 100
55 83.3 58.1 87.1
98 43.7 38.4 57.6





#40
Benzene
Concen: 43.54 ug/l
RT: 8.456 min Scan# 2413
Delta R.T. -0.005 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

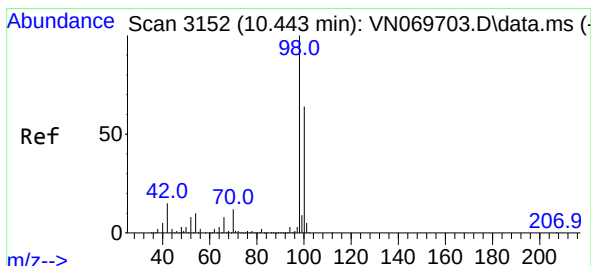
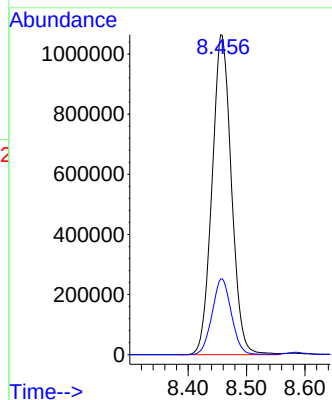
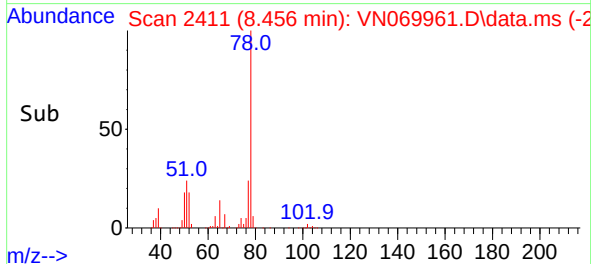
Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL



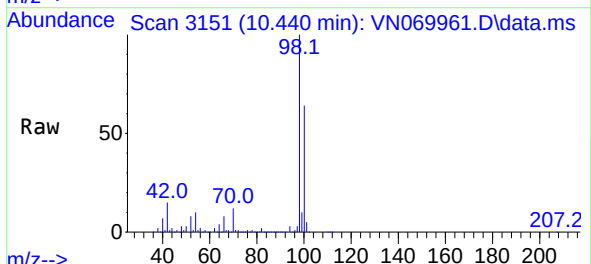
Tgt Ion: 78 Resp: 2448448
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8

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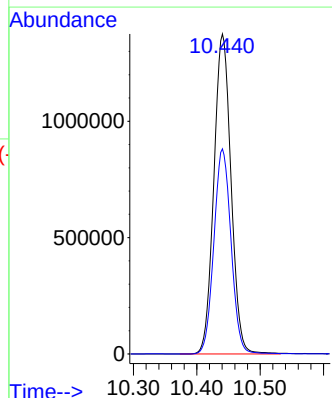
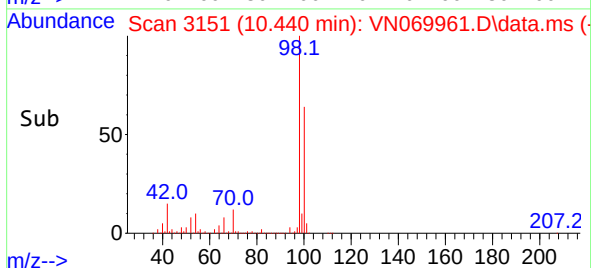
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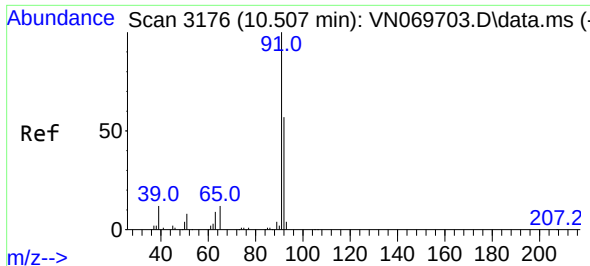


#50
Toluene-d8
Concen: 53.24 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24



Tgt Ion: 98 Resp: 2587777
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





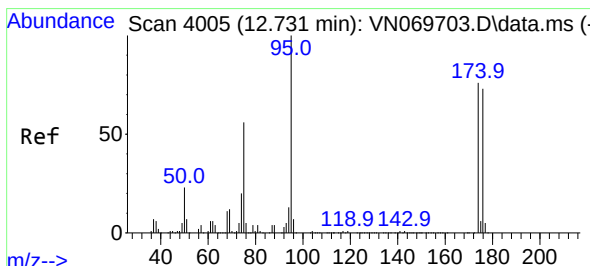
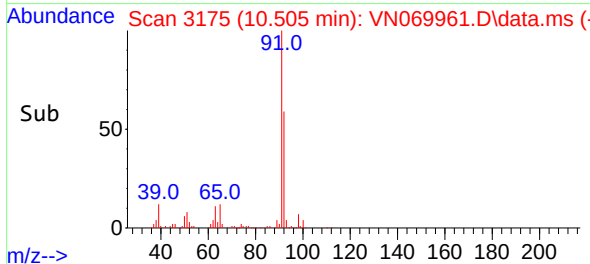
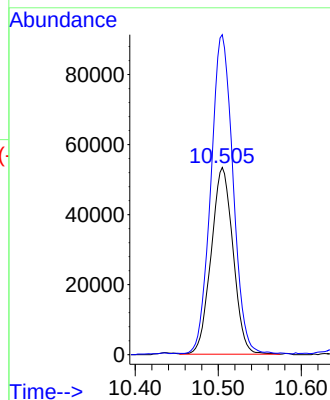
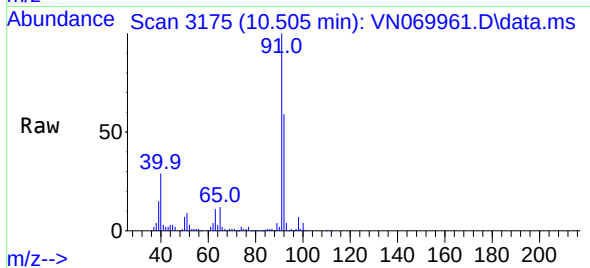
#52
Toluene
Concen: 2.84 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion: 92 Resp: 97488
Ion Ratio Lower Upper
92 100
91 172.6 142.0 213.0

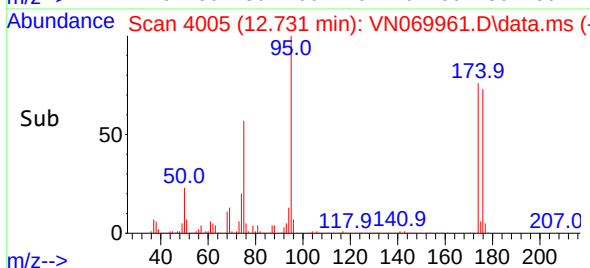
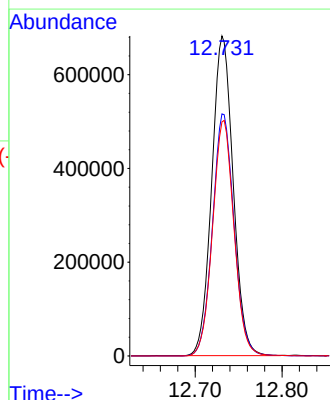
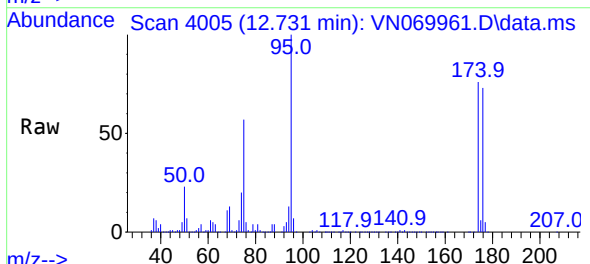
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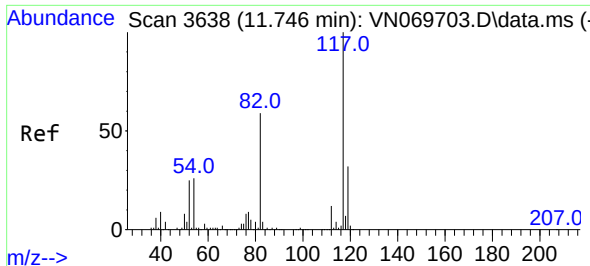
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#62
4-Bromofluorobenzene
Concen: 66.38 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

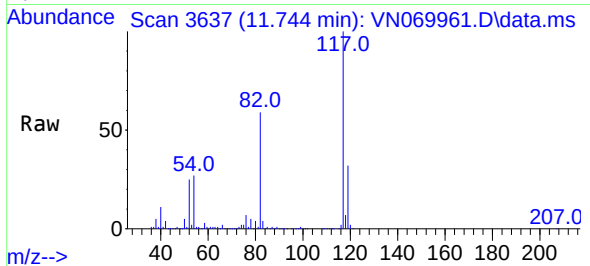
Tgt Ion: 95 Resp: 1168889
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

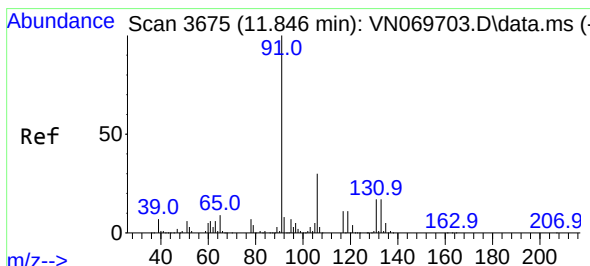
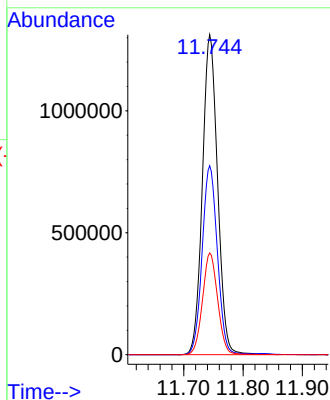
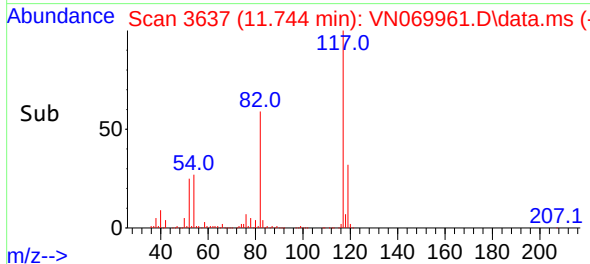
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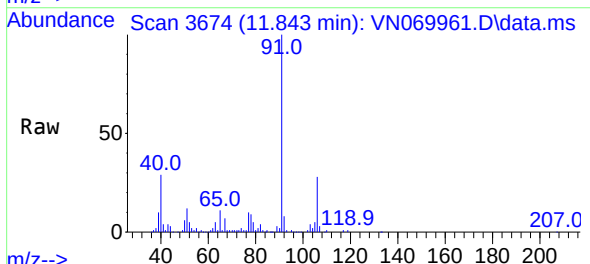
Tgt Ion: 117 Resp: 2327314
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.8 25.4 38.2

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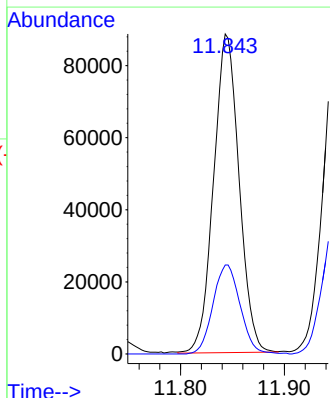
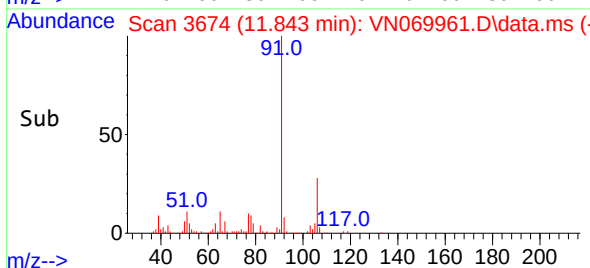
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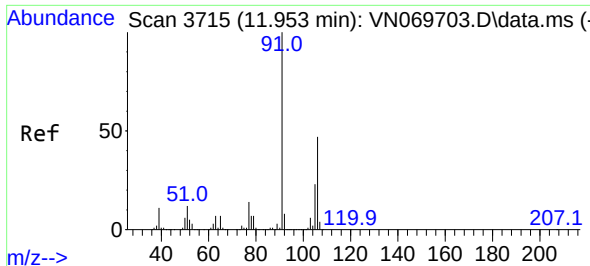


#67
Ethyl Benzene
Concen: 1.76 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24



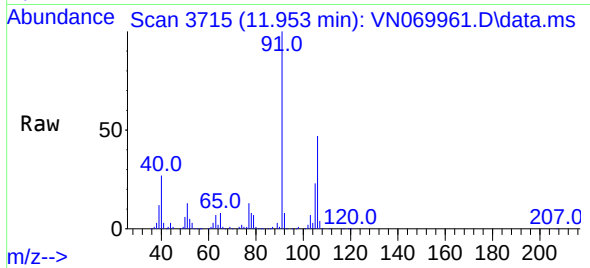
Tgt Ion: 91 Resp: 150551
Ion Ratio Lower Upper
91 100
106 28.0 25.7 38.5





#68
m/p-Xylenes
Concen: 2.93 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

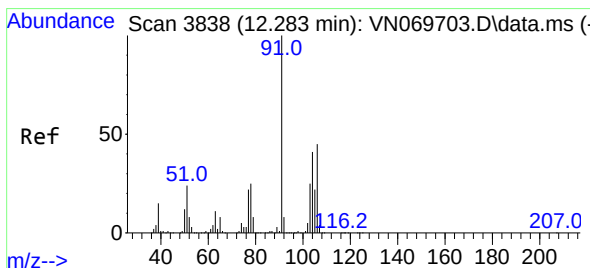
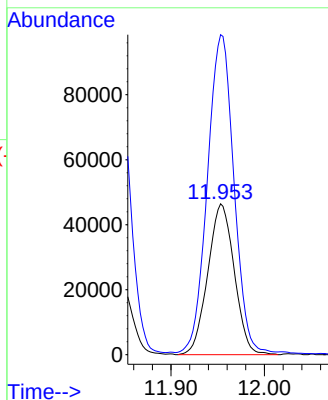
Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL



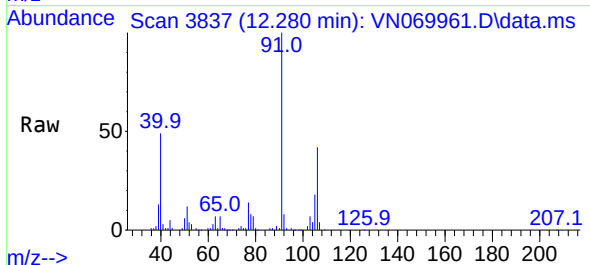
Tgt Ion:106 Resp: 91499
Ion Ratio Lower Upper
106 100
91 209.7 160.6 240.8

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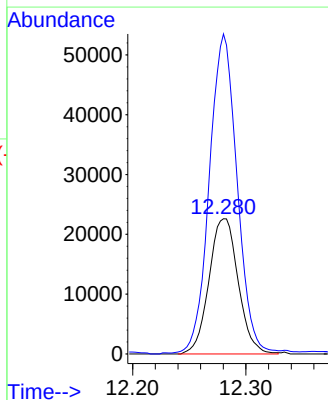
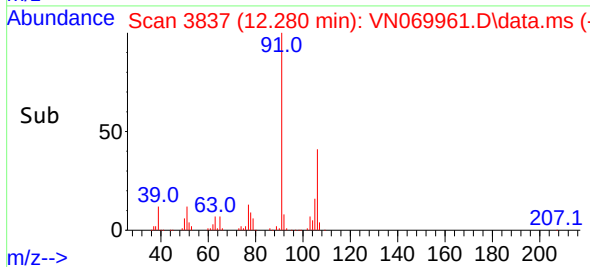
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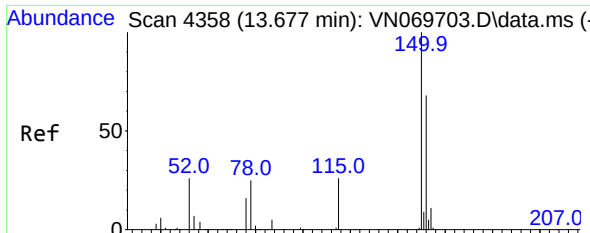


#69
o-Xylene
Concen: 1.29 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24



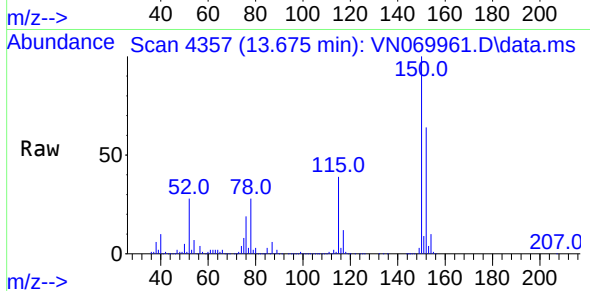
Tgt Ion:106 Resp: 40442
Ion Ratio Lower Upper
106 100
91 223.2 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

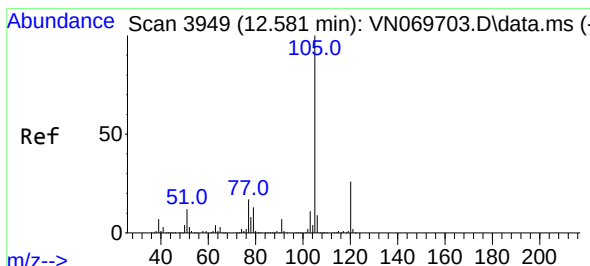
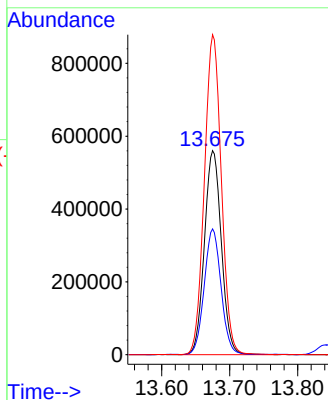
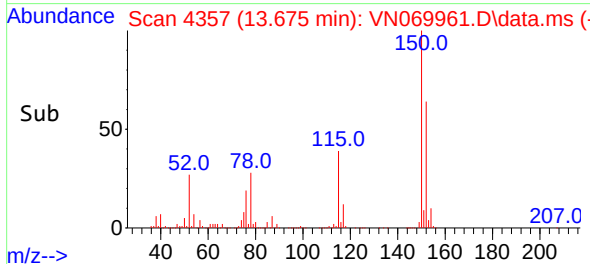
Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL



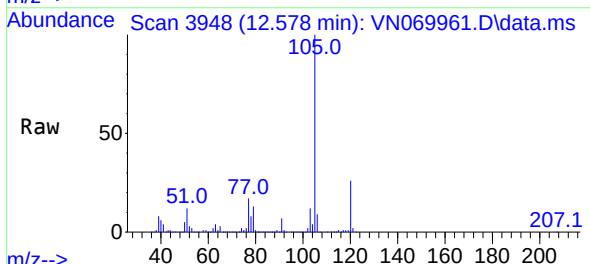
Tgt Ion:152 Resp: 97136
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 156.4 0.0 344.4

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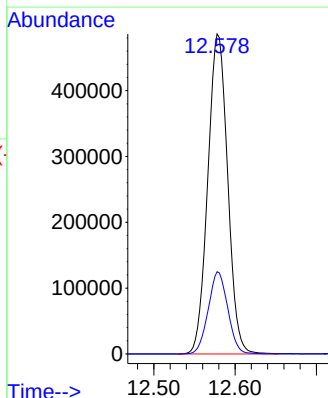
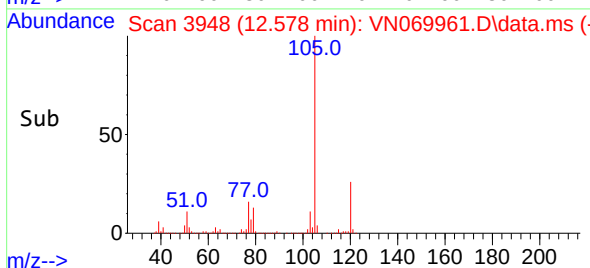
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

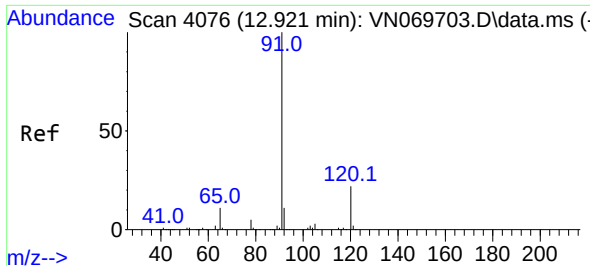


#73
Isopropylbenzene
Concen: 9.55 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24



Tgt Ion:105 Resp: 824969
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1





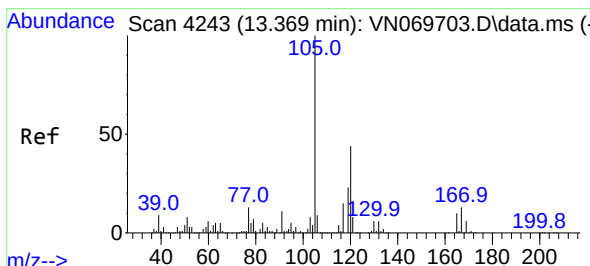
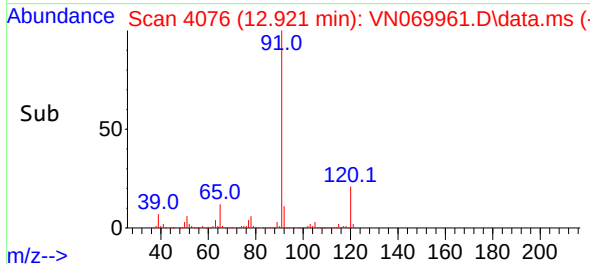
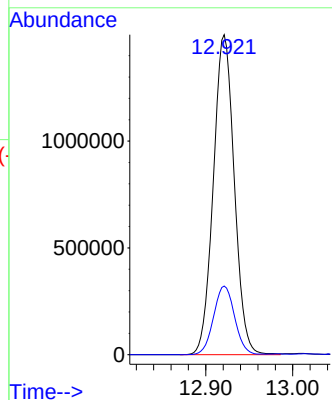
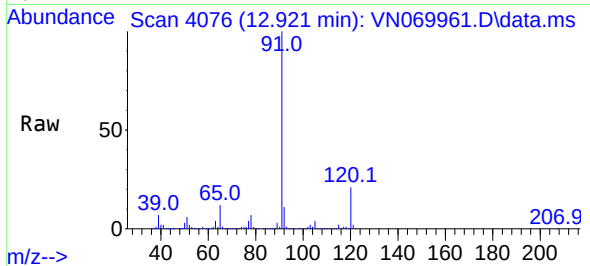
#78
n-propylbenzene
Concen: 26.06 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion: 91 Resp: 250608
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9

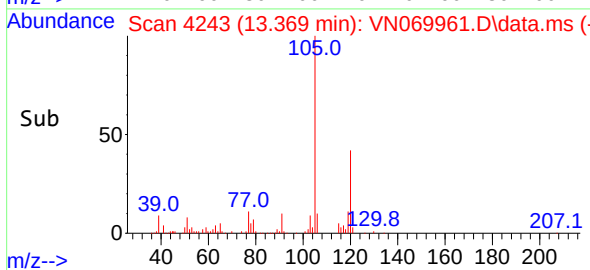
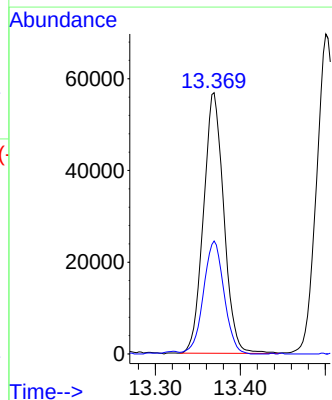
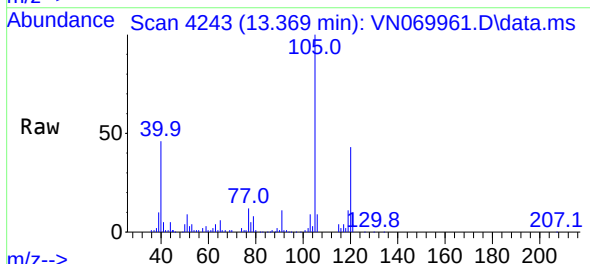
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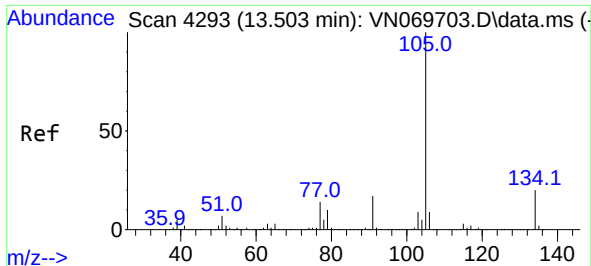
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#84
1,2,4-Trimethylbenzene
Concen: 1.43 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

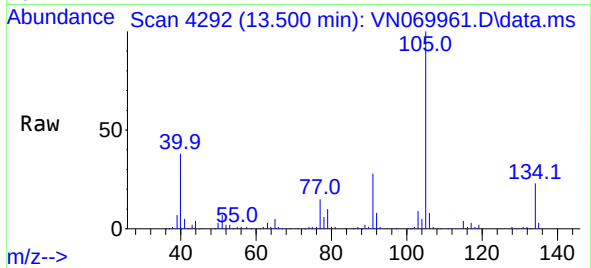
Tgt Ion:105 Resp: 94454
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





#85
sec-Butylbenzene
Concen: 1.39 ug/l
RT: 13.500 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

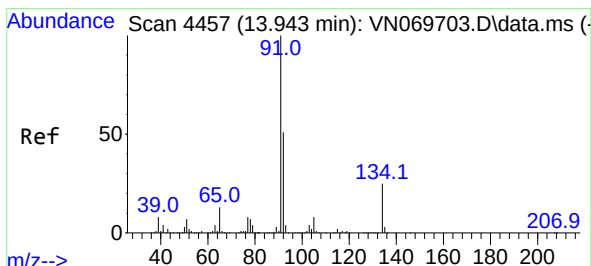
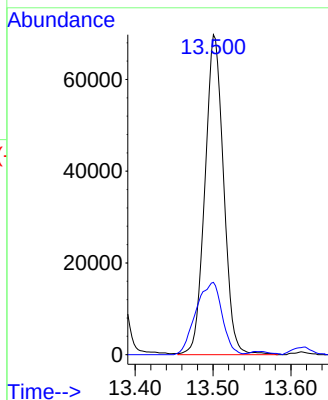
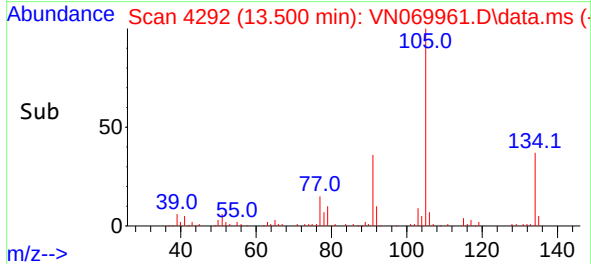
Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL



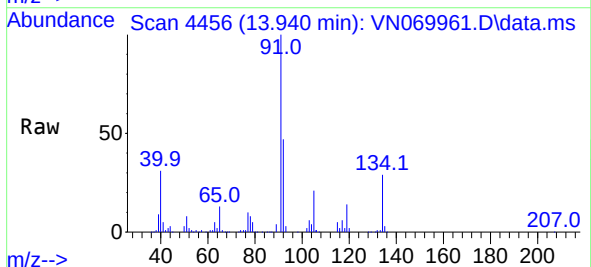
Tgt Ion:105 Resp: 116244
Ion Ratio Lower Upper
105 100
134 31.7 10.4 31.1

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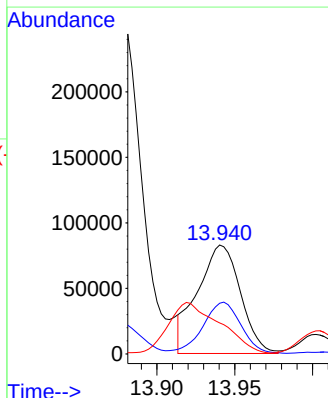
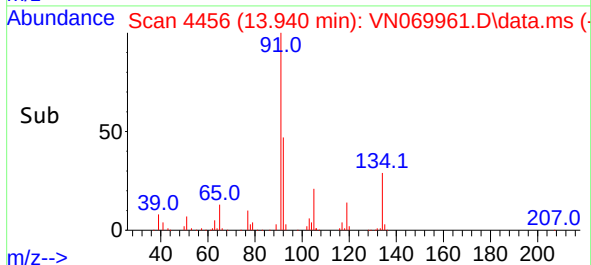
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

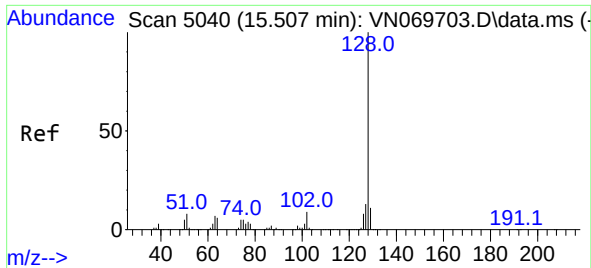


#89
n-Butylbenzene
Concen: 3.00 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24



Tgt Ion: 91 Resp: 159097
Ion Ratio Lower Upper
91 100
92 41.7 25.4 76.0
134 0.0 13.6 40.8





#95
Naphthalene
Concen: 5.92 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069961.D
Acq: 10 Dec 2021 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:128 Resp: 99934
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.8 8.7 13.1

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

