

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074983.D
 Acq On : 24 Oct 2022 15:00
 Operator : JC\MD
 Sample : N5222-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

Quant Time: Oct 25 06:39:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	1201503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	2019443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	2026962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	1257566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	1365082	42.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.520%		
35) Dibromofluoromethane	8.177	113	1064806	44.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.600%		
50) Toluene-d8	10.571	98	4320406	46.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.700%		
62) 4-Bromofluorobenzene	12.853	95	1475316	45.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.700%		
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	54025	0.579	ug/l	94
52) Toluene	10.629	92	18582	0.305	ug/l	83
67) Ethyl Benzene	11.965	91	3779151	34.728	ug/l	100
68) m/p-Xylenes	12.082	106	155755	3.671	ug/l	100
69) o-Xylene	12.400	106	106284	2.501	ug/l	98
73) Isopropylbenzene	12.700	105	1284582	12.506	ug/l	99
78) n-propylbenzene	13.041	91	1442303	11.997	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	787926	8.880	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	5803574	64.760	ug/l	100
86) p-Isopropyltoluene	13.729	119	160871m	1.772	ug/l	
95) Naphthalene	15.629	128	23197408m	303.622	ug/l	

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

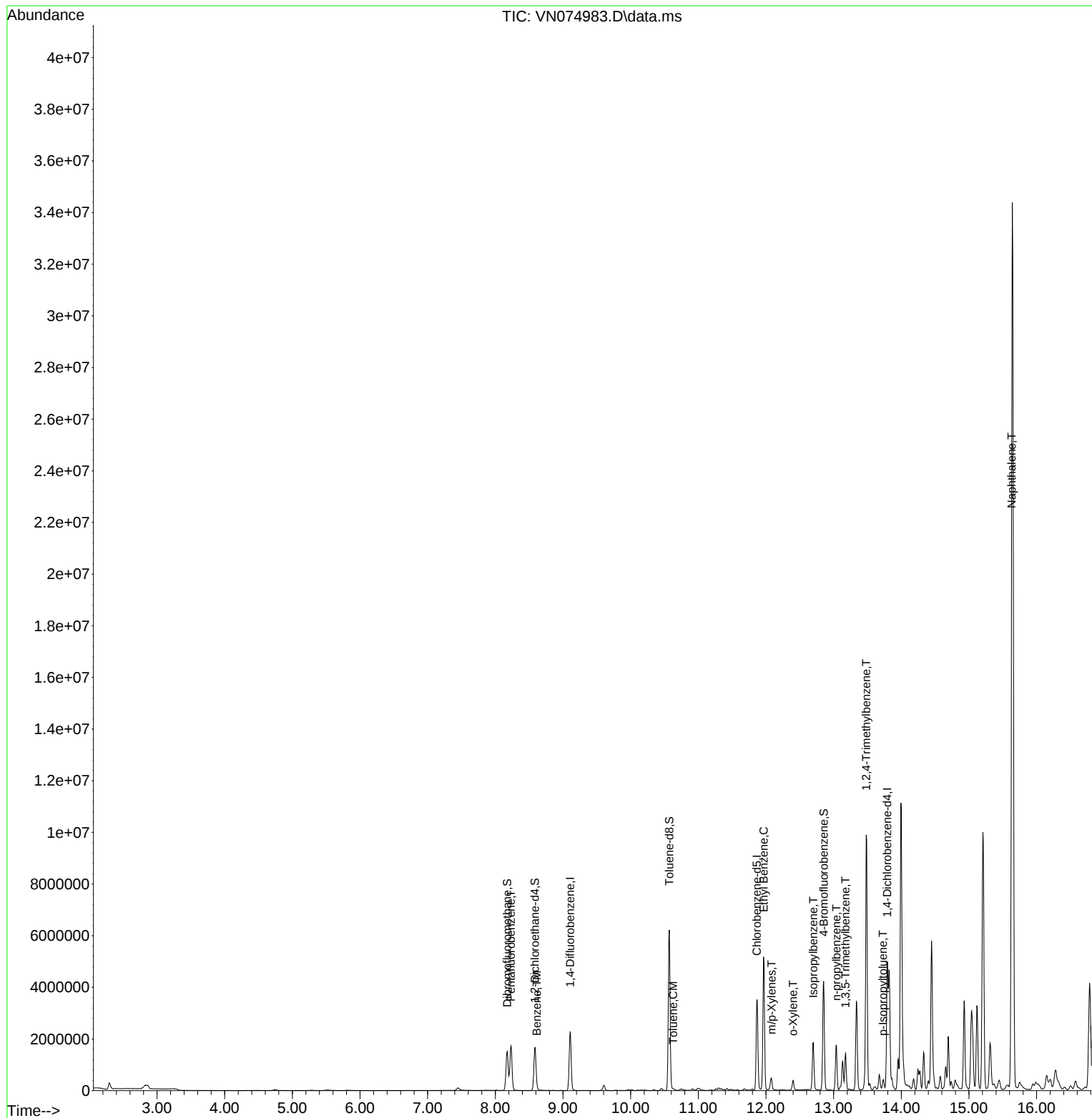
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
Data File : VN074983.D
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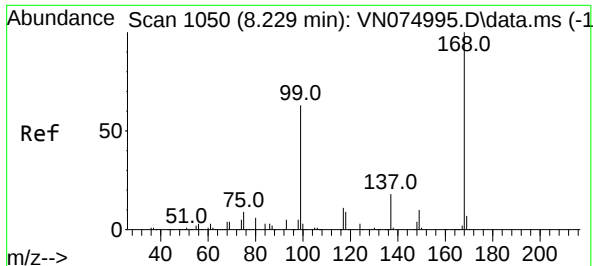
Instrument :
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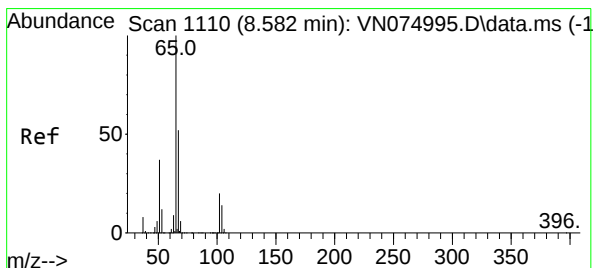
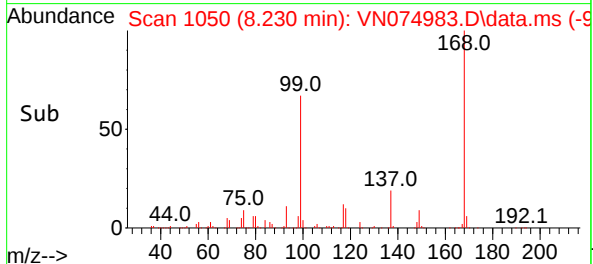
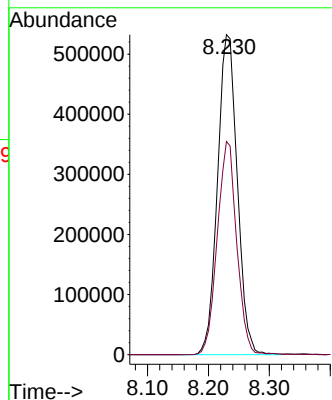
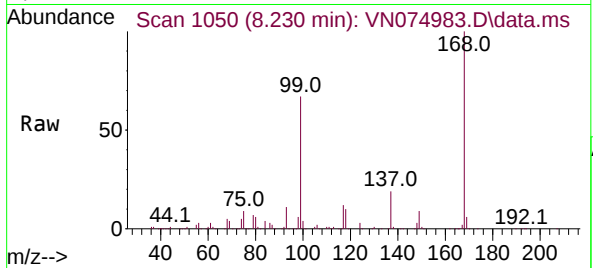
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tgt Ion:168 Resp: 120150
Ion Ratio Lower Upper
168 100
99 66.7 52.2 78.4

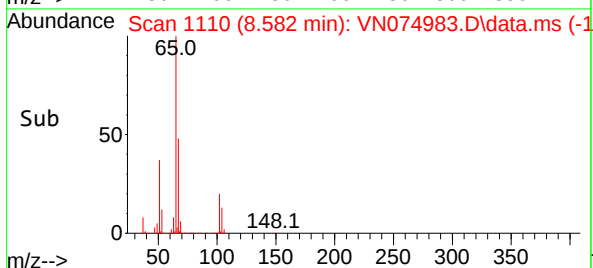
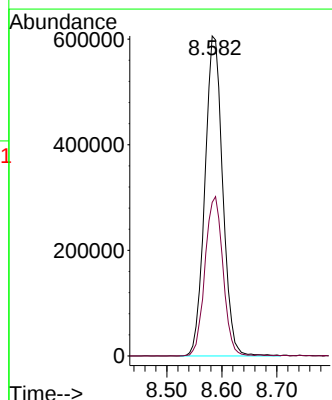
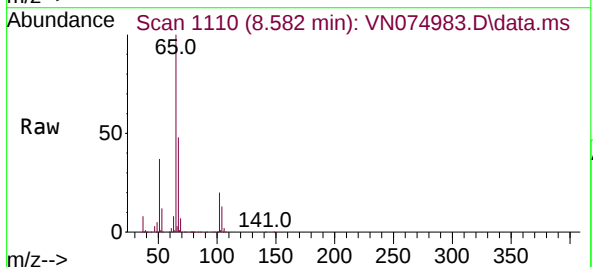
Manual Integrations
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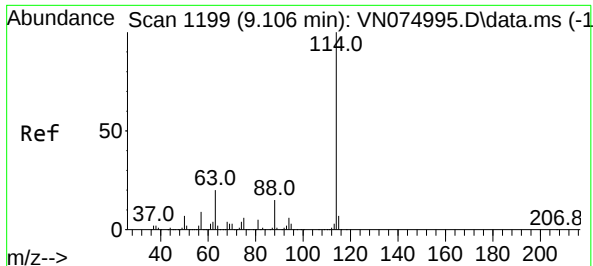
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#33
1,2-Dichloroethane-d4
Concen: 42.762 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

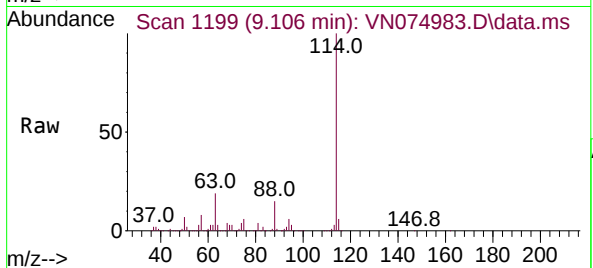
Tgt Ion: 65 Resp: 1365082
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

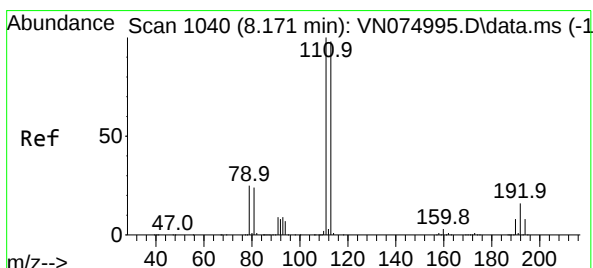
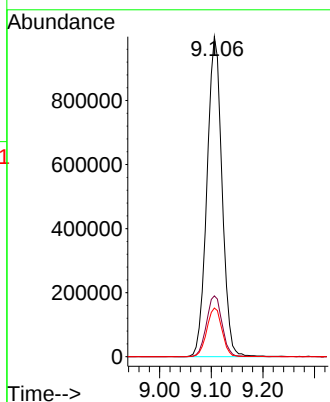
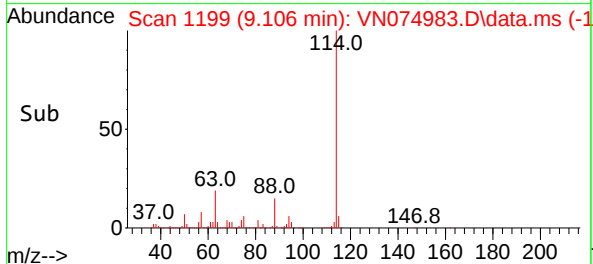
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



Tgt Ion:114 Resp: 201944
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.8
88 15.2 0.0 30.4

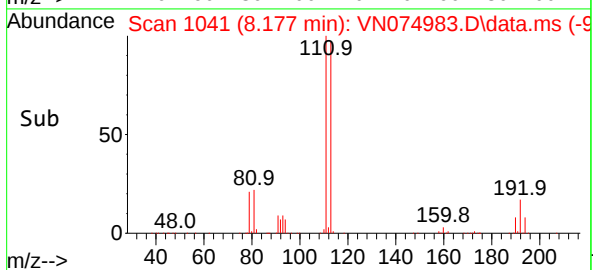
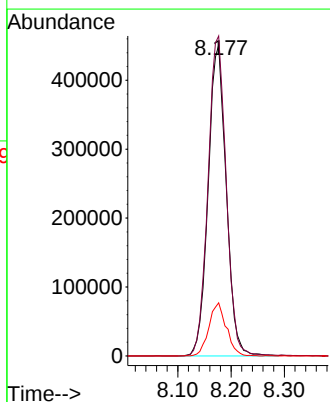
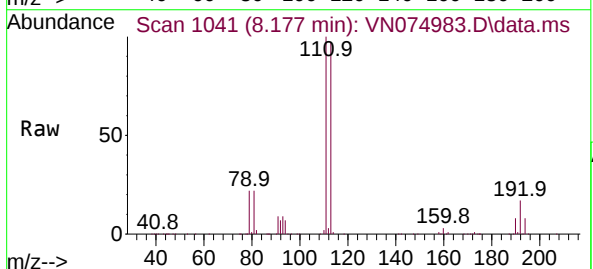
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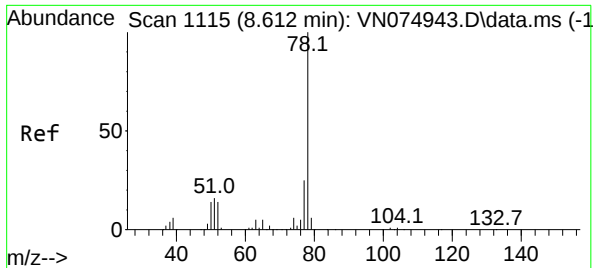
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#35
Dibromofluoromethane
Concen: 44.299 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

Tgt Ion:113 Resp: 1064806
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.2
192 16.6 13.3 19.9





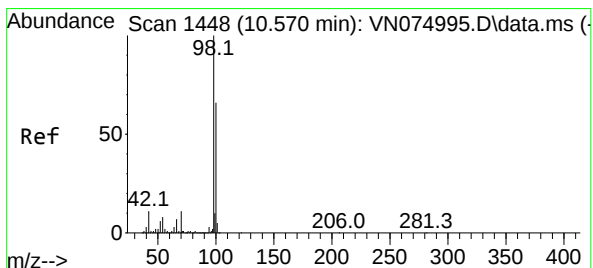
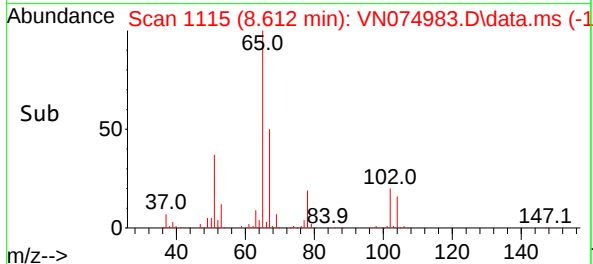
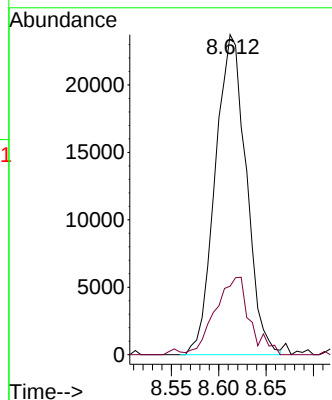
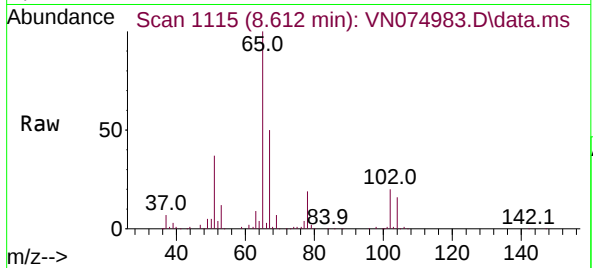
#40
Benzene
Concen: 0.579 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tgt Ion: 78 Resp: 54025
Ion Ratio Lower Upper
78 100
77 21.4 19.6 29.4

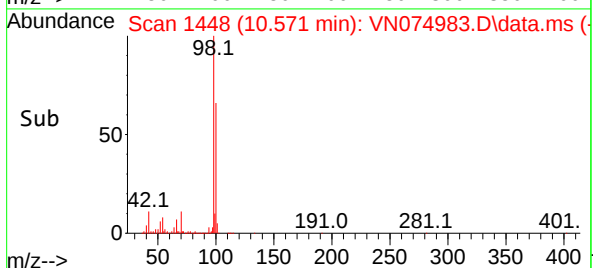
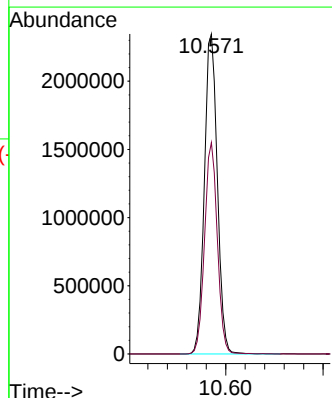
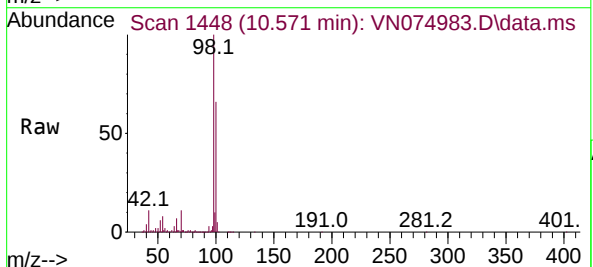
Manual Integrations
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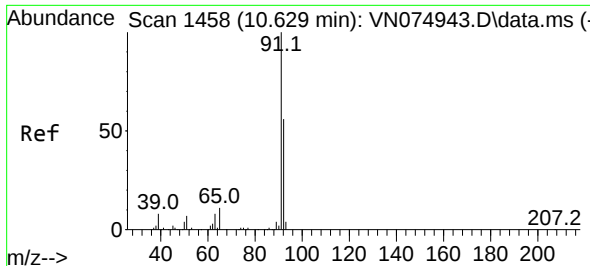
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#50
Toluene-d8
Concen: 46.848 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

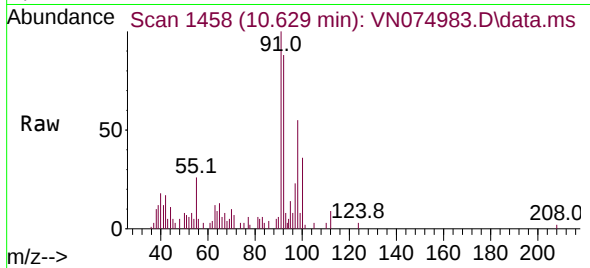
Tgt Ion: 98 Resp: 4320406
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.2





#52
Toluene
Concen: 0.305 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

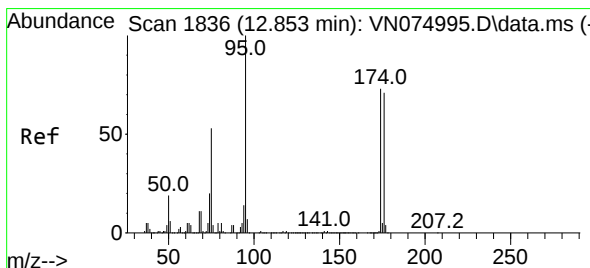
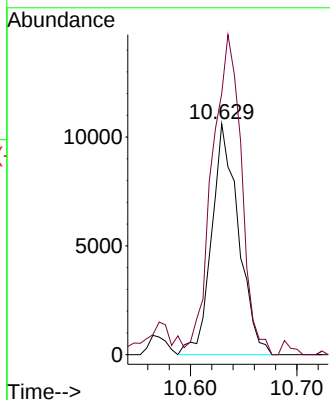
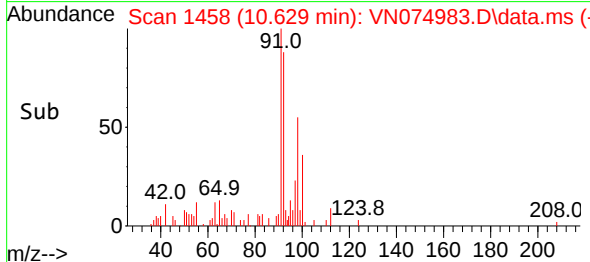
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



Tgt Ion: 92 Resp: 1858
Ion Ratio Lower Upper
92 100
91 151.0 139.2 208.8

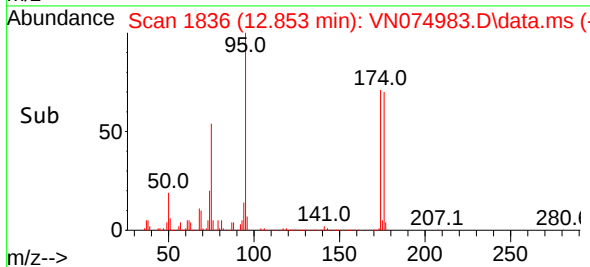
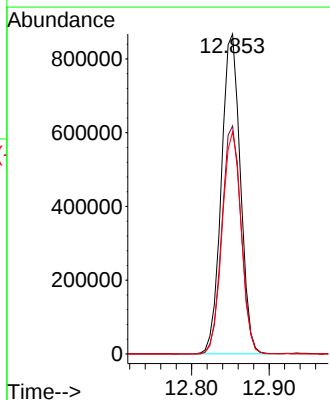
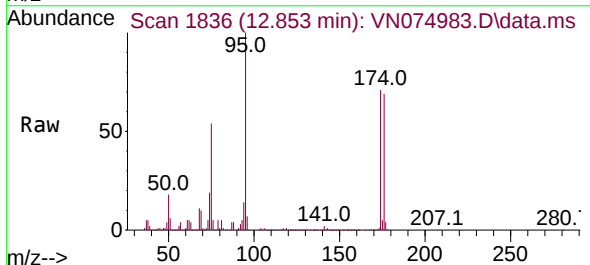
Manual Integrations
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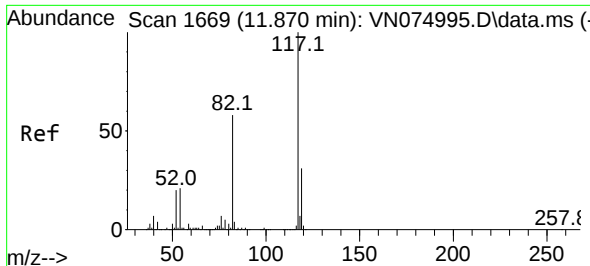
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#62
4-Bromofluorobenzene
Concen: 45.352 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

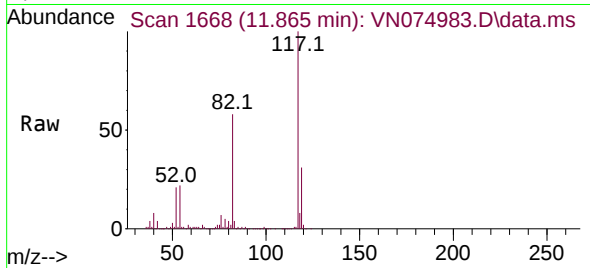
Tgt Ion: 95 Resp: 1475316
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.0
176 70.1 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

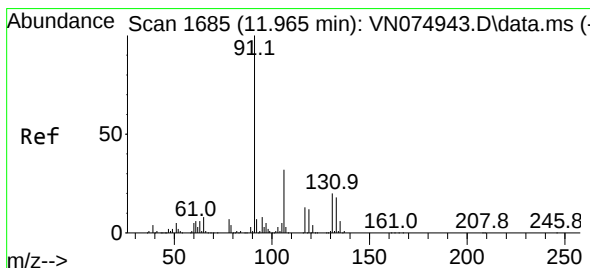
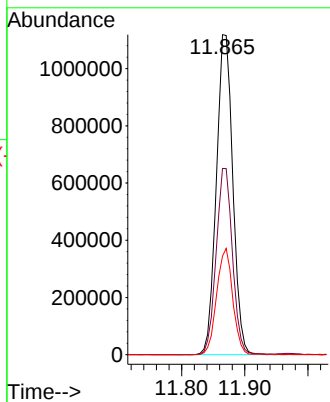
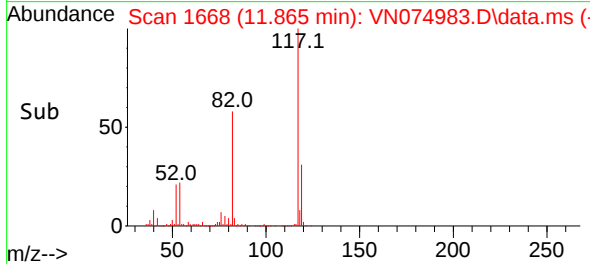
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



Tgt Ion:117 Resp: 2026962
Ion Ratio Lower Upper
117 100
82 58.2 45.6 68.4
119 30.8 25.1 37.7

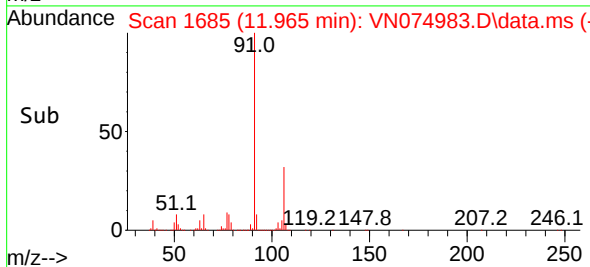
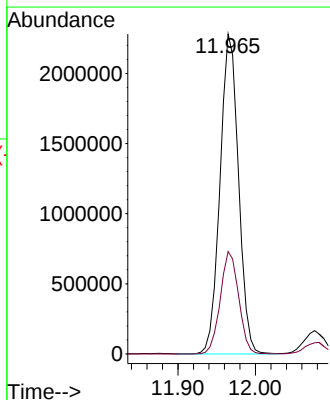
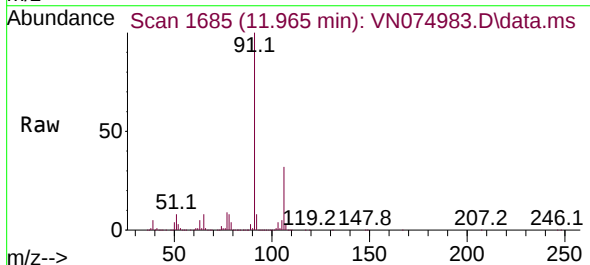
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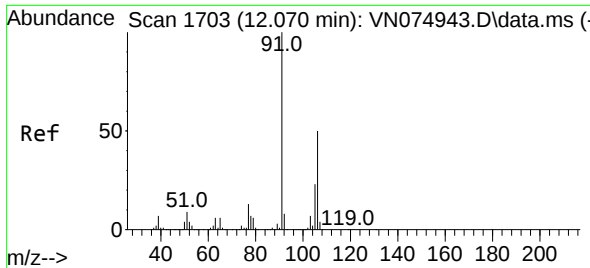
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#67
Ethyl Benzene
Concen: 34.728 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

Tgt Ion: 91 Resp: 3779151
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2





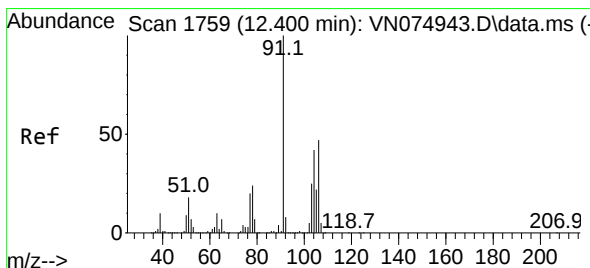
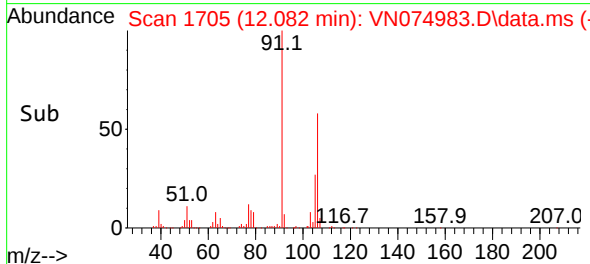
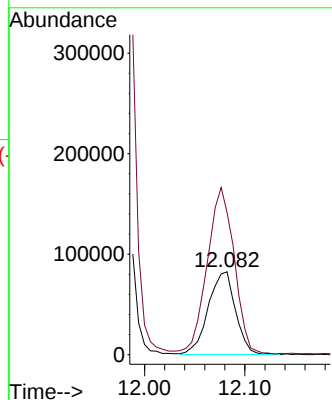
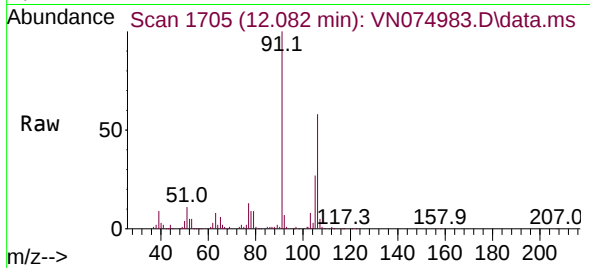
#68
m/p-Xylenes
Concen: 3.671 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.012 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

Instrument :
MSVOA_N
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MW-12DL

Tgt Ion:106 Resp: 15575
Ion Ratio Lower Upper
106 100
91 199.5 159.7 239.5

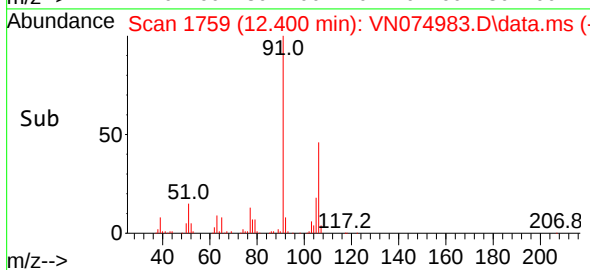
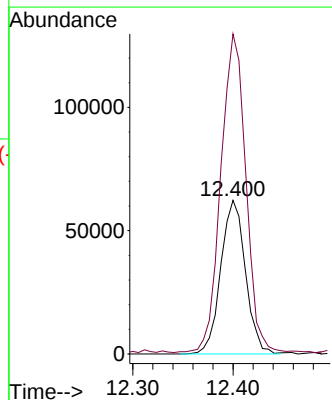
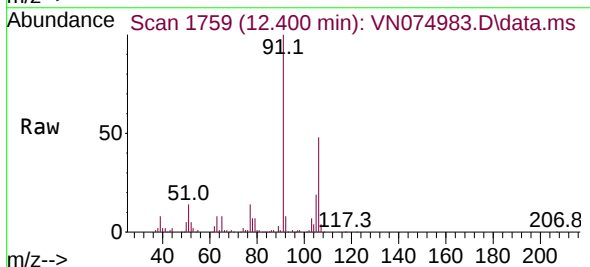
Manual Integrations
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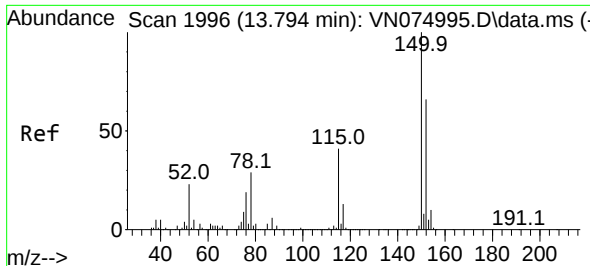
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#69
o-Xylene
Concen: 2.501 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

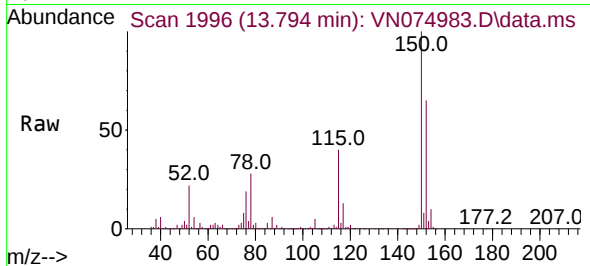
Tgt Ion:106 Resp: 106284
Ion Ratio Lower Upper
106 100
91 210.5 103.6 310.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

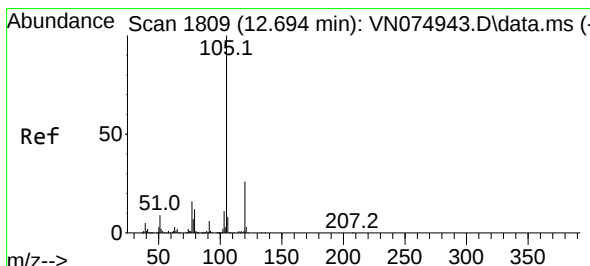
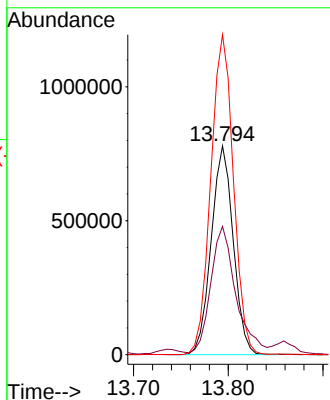
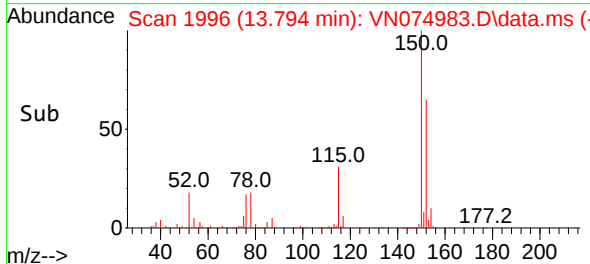
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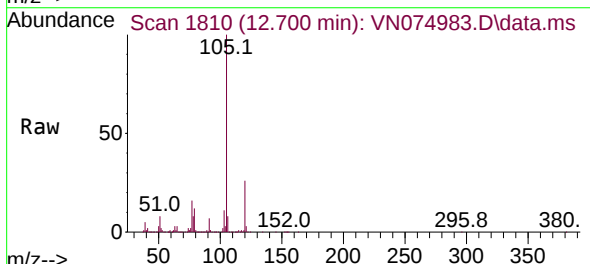
Tgt Ion:152 Resp: 1257560
Ion Ratio Lower Upper
152 100
115 68.2 31.3 93.8
150 157.5 0.0 349.6

Manual Integrations
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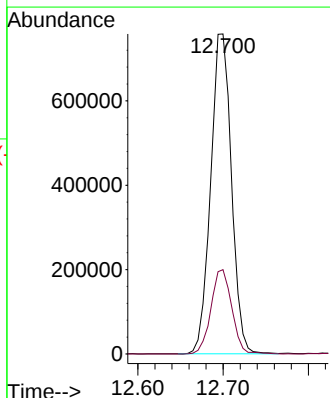
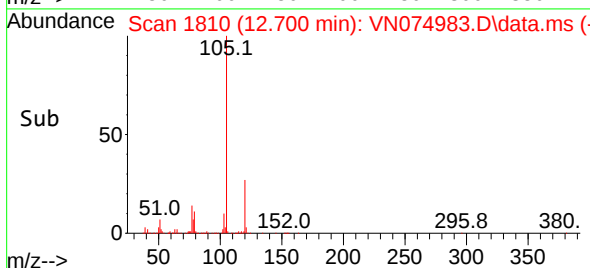
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

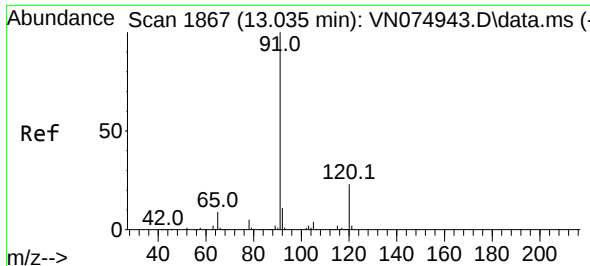


#73
Isopropylbenzene
Concen: 12.506 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00



Tgt Ion:105 Resp: 1284582
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4





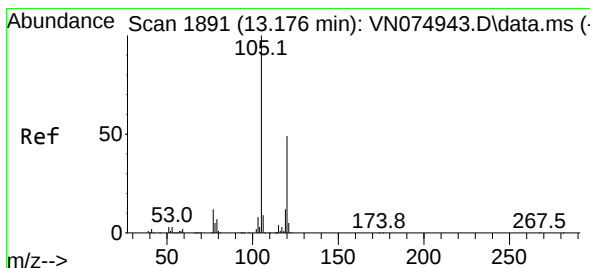
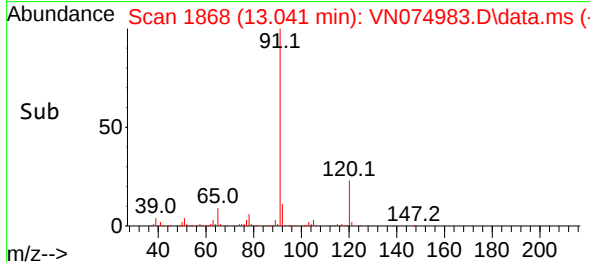
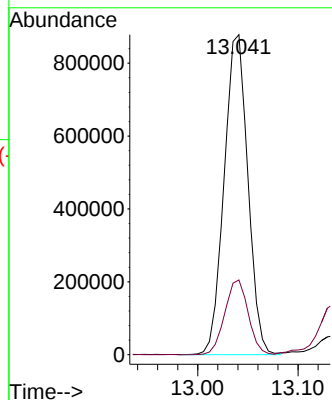
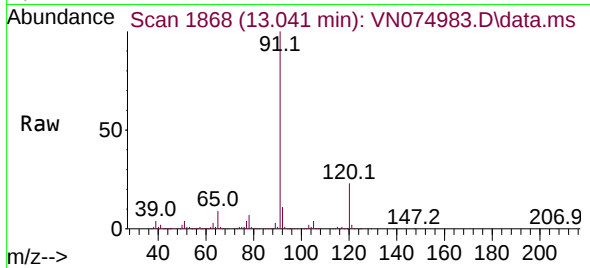
#78
n-propylbenzene
Concen: 11.997 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tgt Ion: 91 Resp: 144230
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4

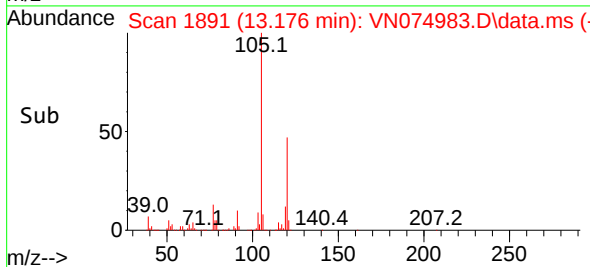
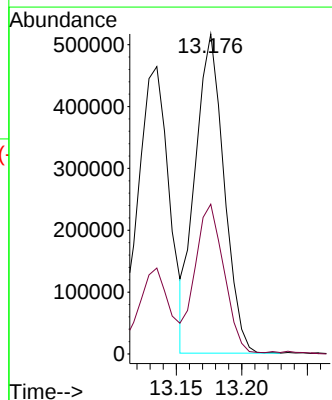
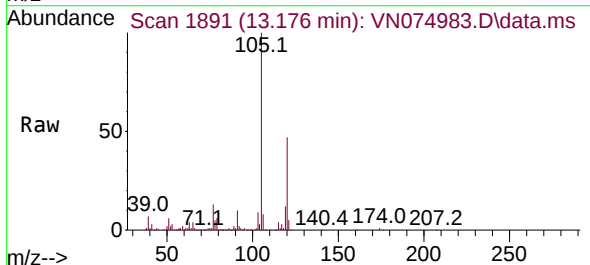
Manual Integrations
APPROVED

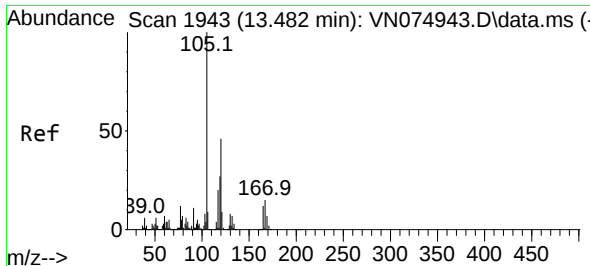
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 8.880 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

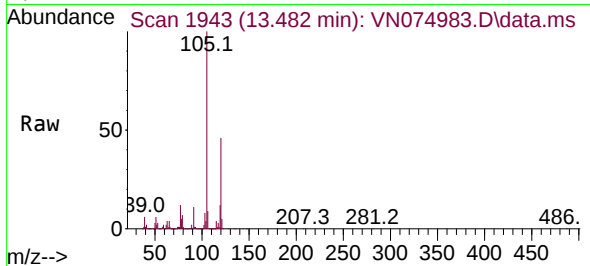
Tgt Ion:105 Resp: 787926
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 64.760 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

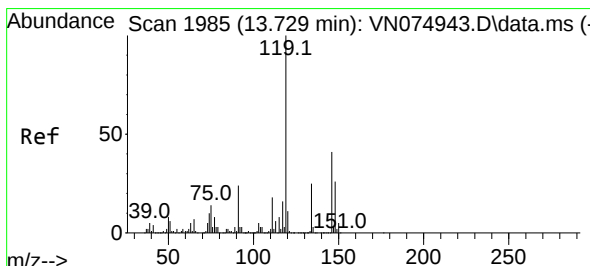
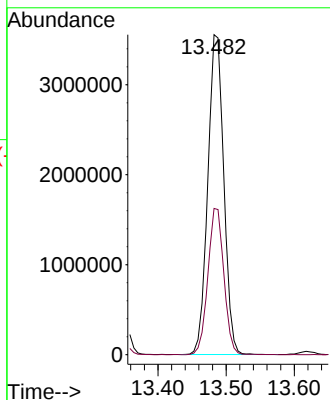
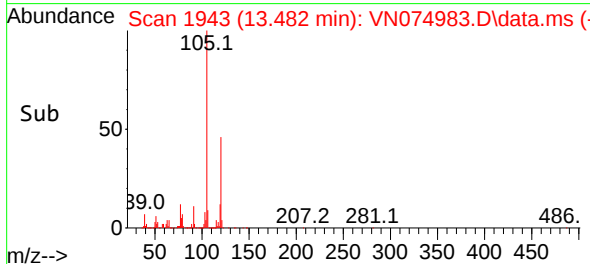
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



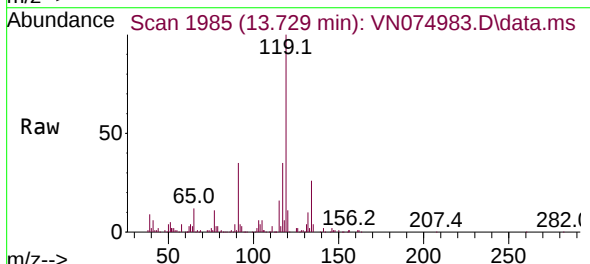
Tgt Ion:105 Resp: 5803574
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5

Manual Integrations
APPROVED

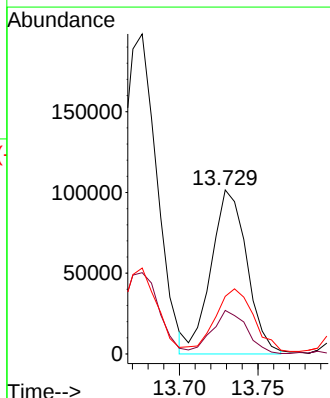
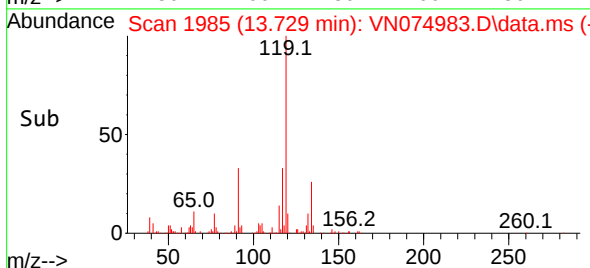
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

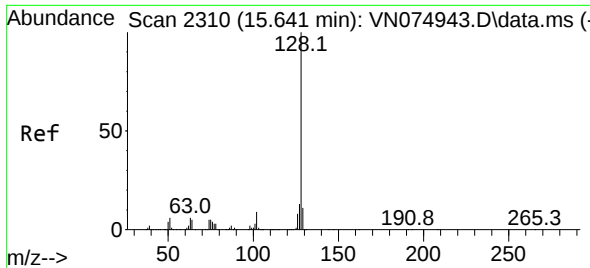


#86
p-Isopropyltoluene
Concen: 1.772 ug/l m
RT: 13.729 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00



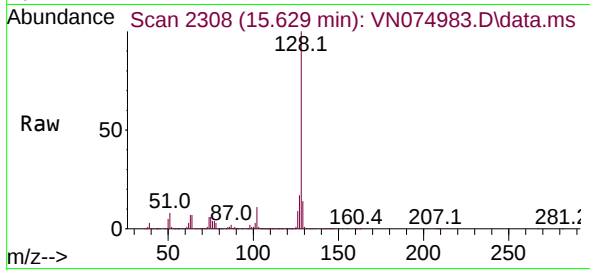
Tgt Ion:119 Resp: 160871
Ion Ratio Lower Upper
119 100
134 52.4 12.9 38.7#
91 48.3 11.9 35.5#





#95
Naphthalene
Concen: 303.622 ug/l m
RT: 15.629 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN074983.D
Acq: 24 Oct 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



Tgt Ion:128 Resp:23197408
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6
129 0.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

