

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074274.D
 Acq On : 02 Sep 2022 04:56
 Operator : JC\MD
 Sample : N4354-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-32

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 05:45:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	194003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	372848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	357155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	176382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	150671	50.066	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.140%			
35) Dibromofluoromethane	7.951	113	122512	50.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	10.380	98	452119	47.319	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.640%			
62) 4-Bromofluorobenzene	12.668	95	170870	58.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.620%			
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	5.534	73	11331	1.347	ug/l #	1
22) Diisopropyl ether	6.404	45	8682m	0.840	ug/l	
31) Cyclohexane	8.016	56	11332	2.279	ug/l #	61
39) Methylcyclohexane	9.386	83	4301	0.931	ug/l	89
40) Benzene	8.392	78	9248	0.748	ug/l #	83
52) Toluene	10.451	92	3413	0.468	ug/l	94
67) Ethyl Benzene	11.786	91	440402	30.535	ug/l	97
68) m/p-Xylenes	11.898	106	6710	1.252	ug/l #	1
69) o-Xylene	12.216	106	3891	0.729	ug/l	86
73) Isopropylbenzene	12.515	105	30847	2.042	ug/l	97
78) n-propylbenzene	12.857	91	102110	5.930	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	619861	52.281	ug/l	98
89) n-Butylbenzene	13.880	91	7080	0.709	ug/l #	52
95) Naphthalene	15.433	128	159825	12.818	ug/l	98

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

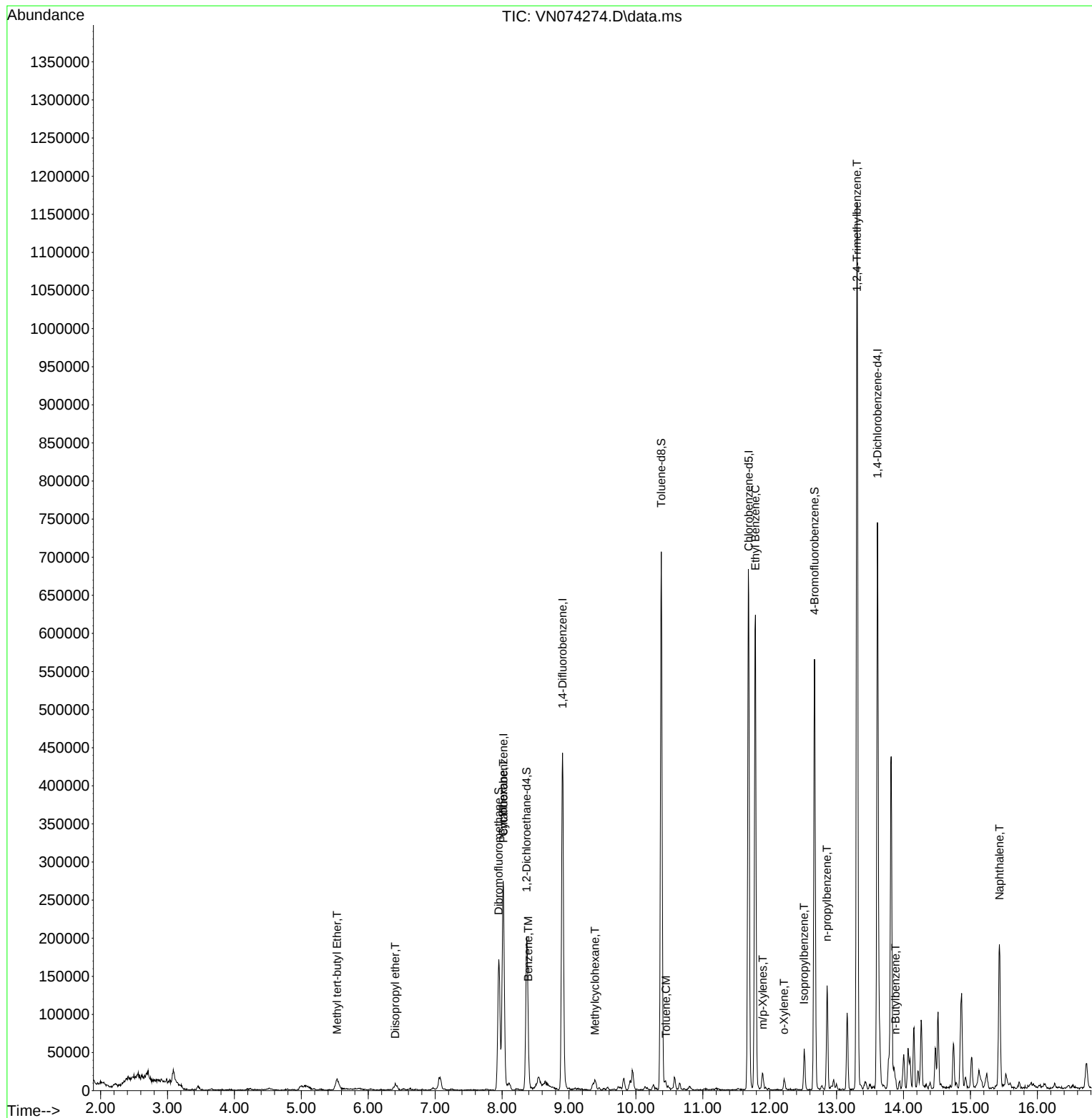
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074274.D
Acq On : 02 Sep 2022 04:56
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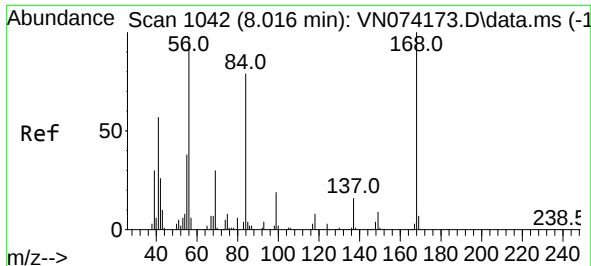
Instrument :
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ClientSampleId :
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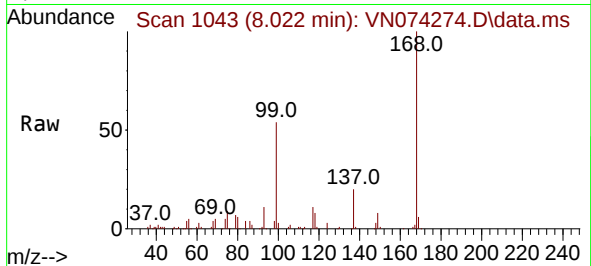
Quant Time: Sep 02 05:45:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

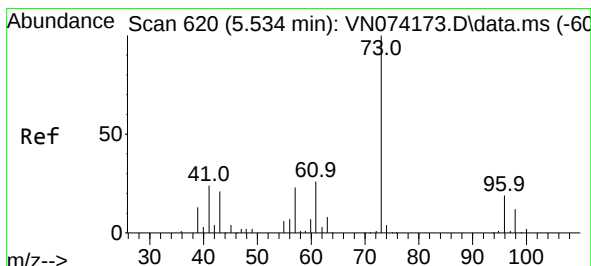
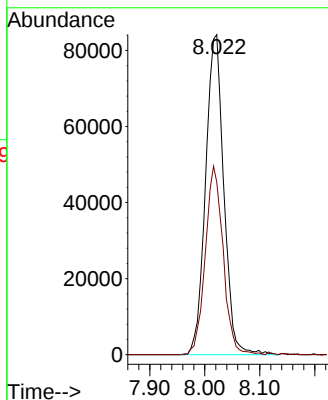
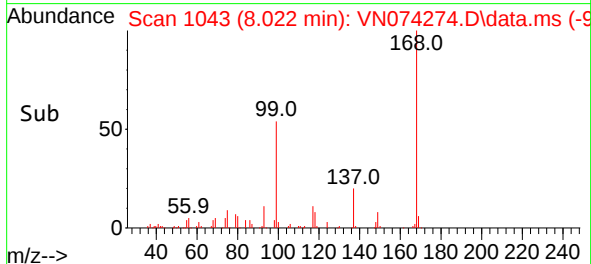
Instrument :
MSVOA_N
ClientSampleId :
MW-32



Tgt Ion:168 Resp: 19400
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5

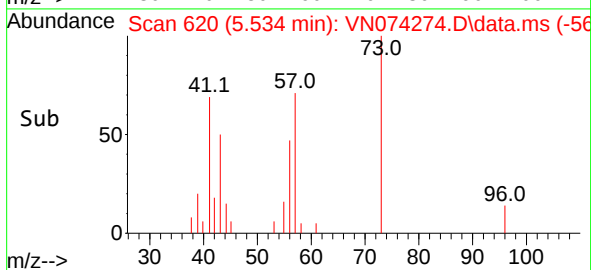
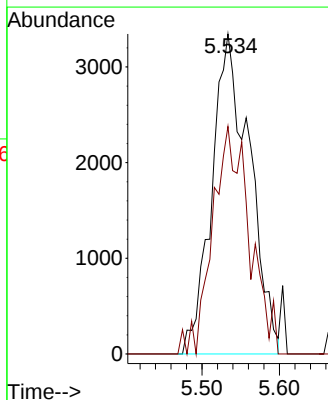
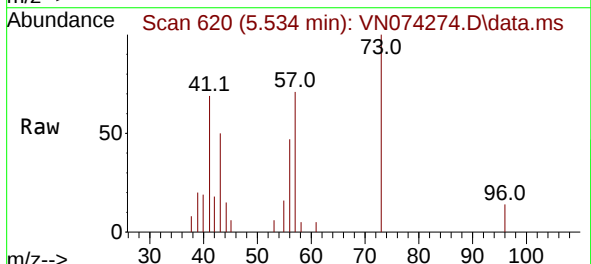
Manual Integrations
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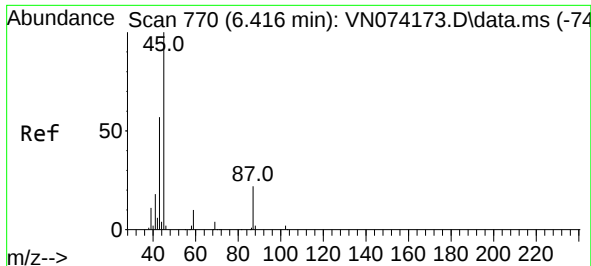
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#19
Methyl tert-butyl Ether
Concen: 1.347 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

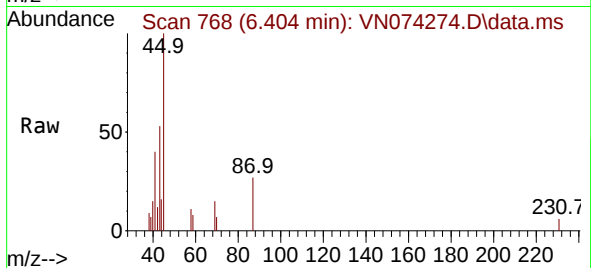
Tgt Ion: 73 Resp: 11331
Ion Ratio Lower Upper
73 100
57 71.1 17.6 26.4#





#22
Diisopropyl ether
Concen: 0.840 ug/l m
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

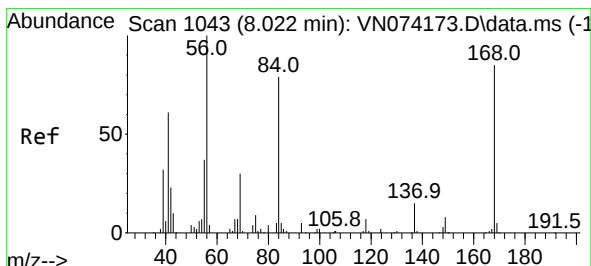
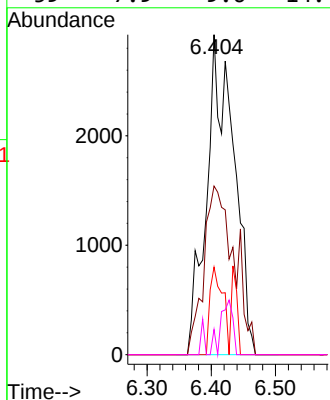
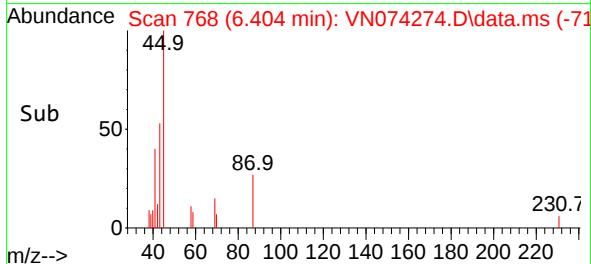
Instrument :
MSVOA_N
ClientSampleId :
MW-32



Tgt Ion: 45 Resp: 868
Ion Ratio Lower Upper
45 100
43 52.7 46.6 70.0
87 27.4 24.3 36.5
59 7.9 9.6 14.4#

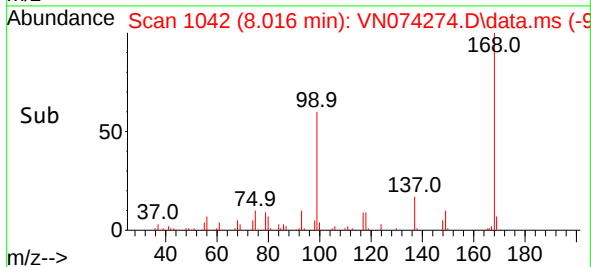
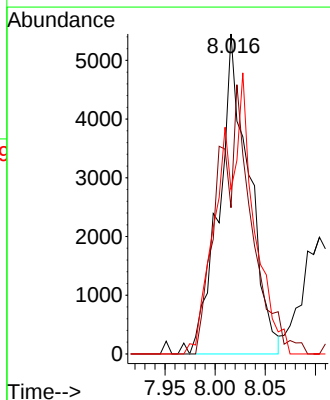
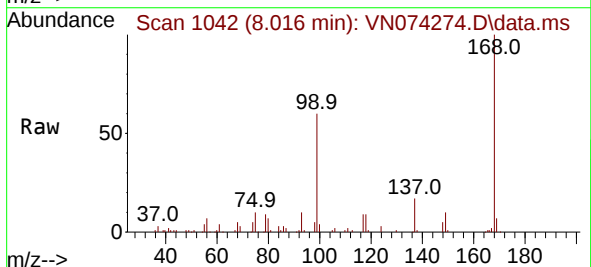
Manual Integrations
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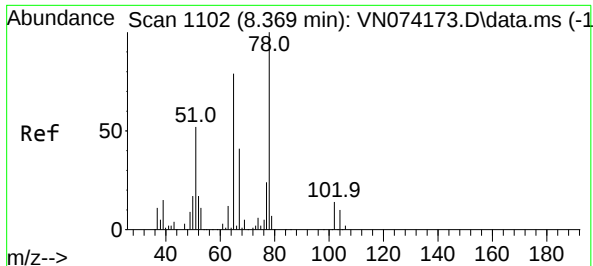
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#31
Cyclohexane
Concen: 2.279 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

Tgt Ion: 56 Resp: 11332
Ion Ratio Lower Upper
56 100
69 45.7 27.8 41.8#
84 51.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.066 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074274.D

Acq: 02 Sep 2022 04:56

Instrument :

MSVOA_N

ClientSampleId :

MW-32

Tgt Ion: 65 Resp: 15067

Ion Ratio Lower Upper

65 100

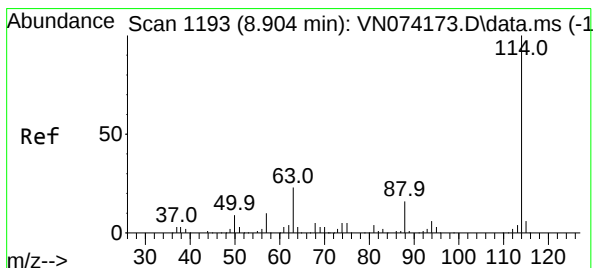
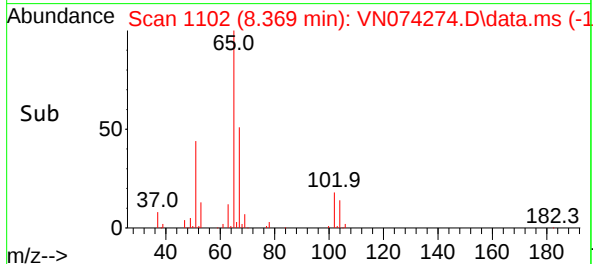
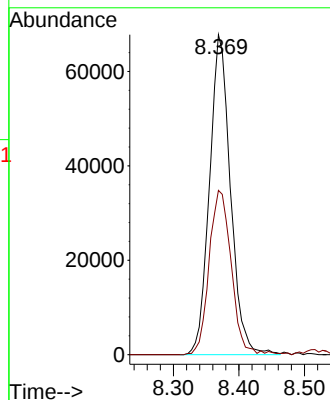
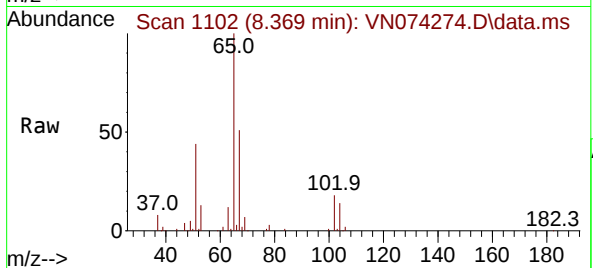
67 54.3 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074274.D

Acq: 02 Sep 2022 04:56

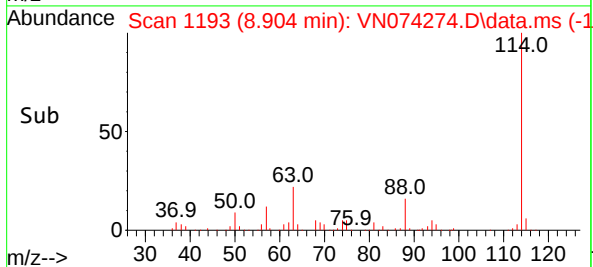
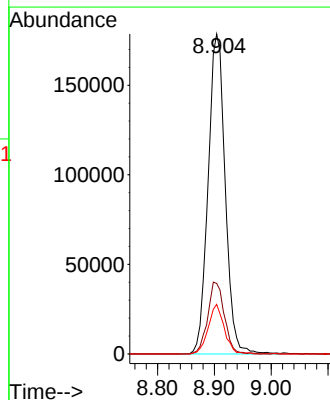
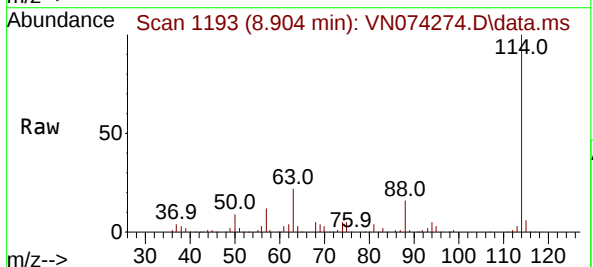
Tgt Ion:114 Resp: 372848

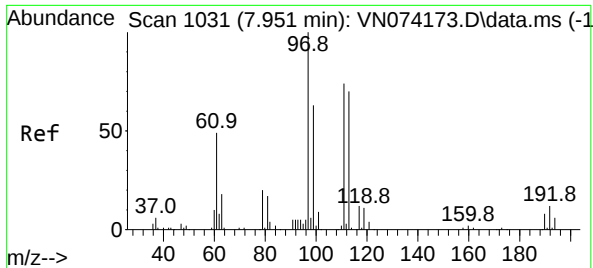
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

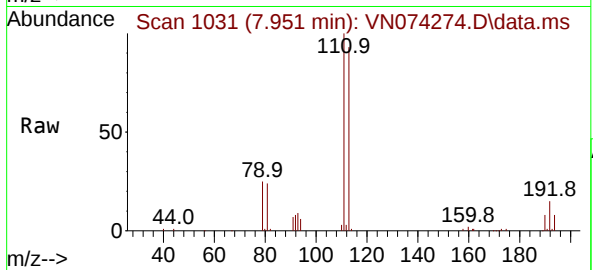
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.495 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

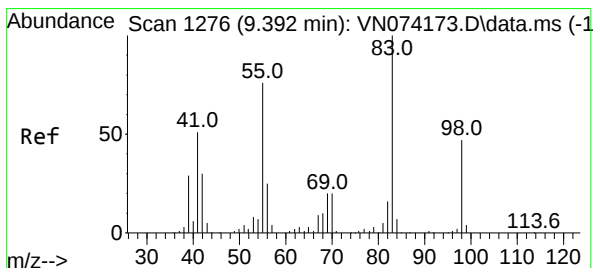
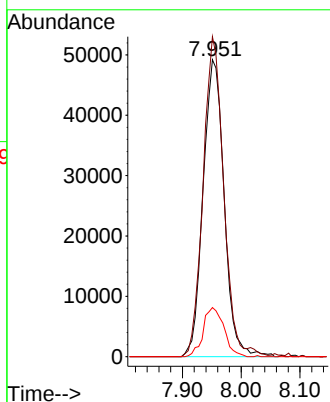
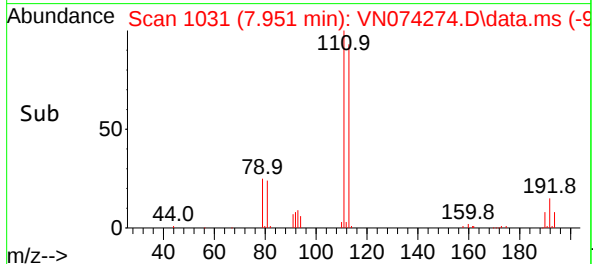
Instrument :
MSVOA_N
ClientSampleId :
MW-32



Tgt Ion: 113 Resp: 12251
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.0
192 16.3 17.0 25.6

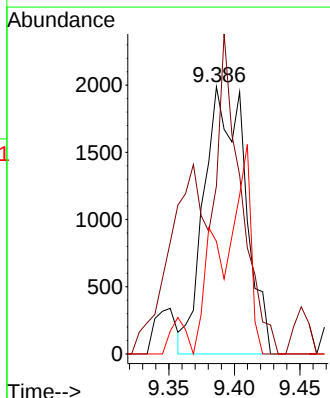
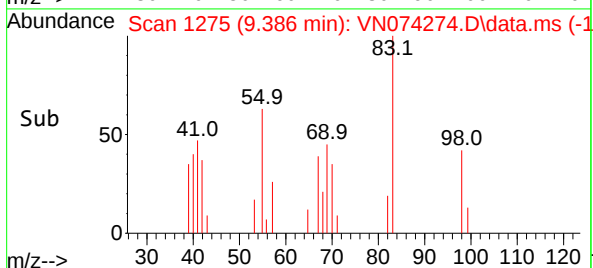
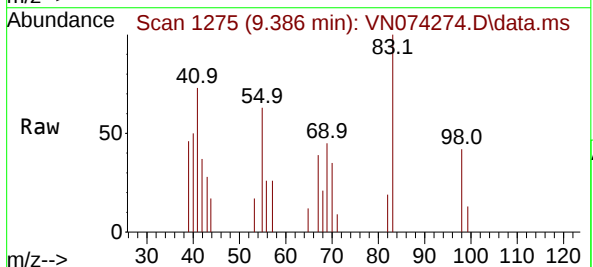
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APPROVED

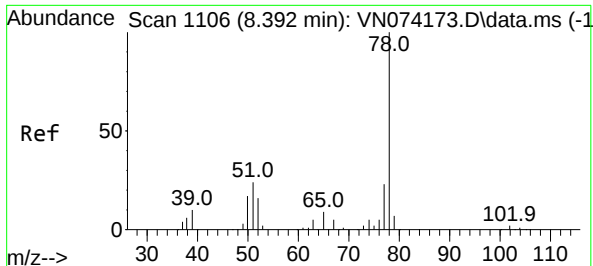
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#39
Methylcyclohexane
Concen: 0.931 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

Tgt Ion: 83 Resp: 4301
Ion Ratio Lower Upper
83 100
55 62.9 57.8 86.8
98 42.1 39.4 59.2





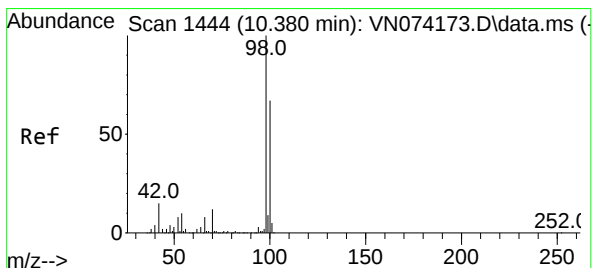
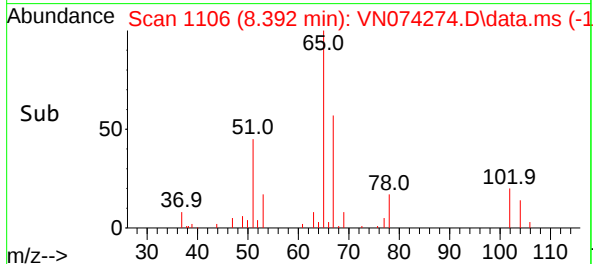
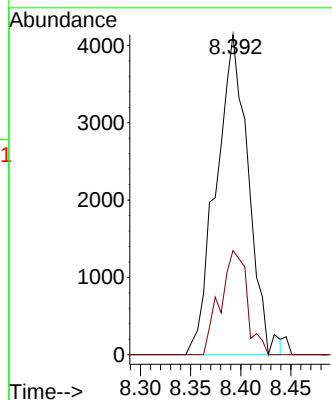
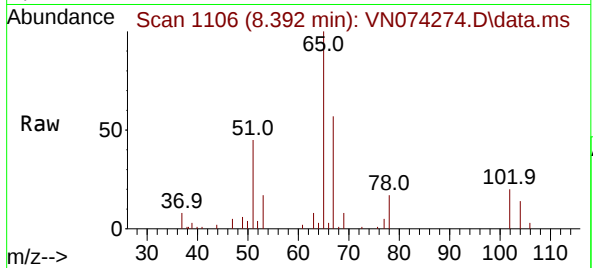
#40
Benzene
Concen: 0.748 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 78 Resp: 9248
Ion Ratio Lower Upper
78 100
77 32.6 19.4 29.0

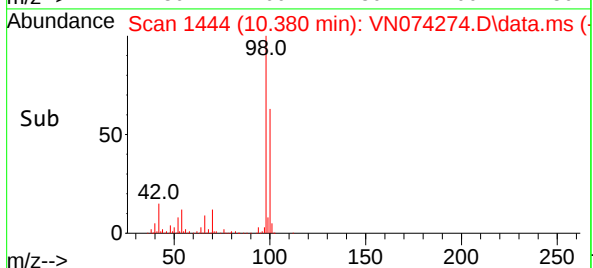
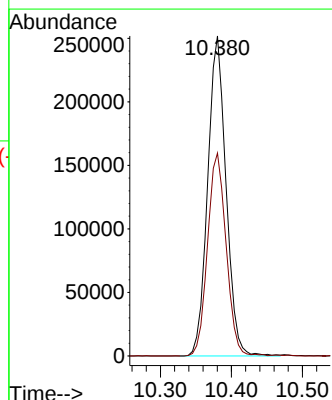
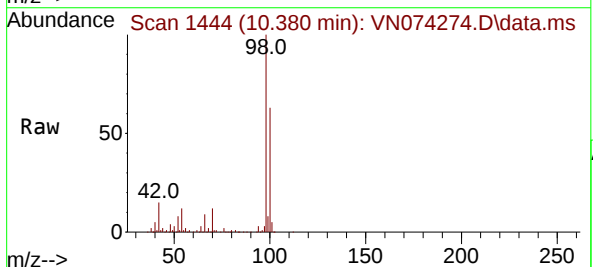
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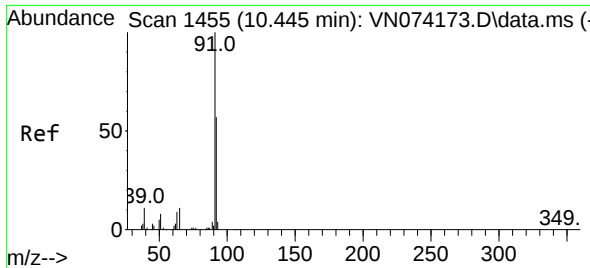
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#50
Toluene-d8
Concen: 47.319 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

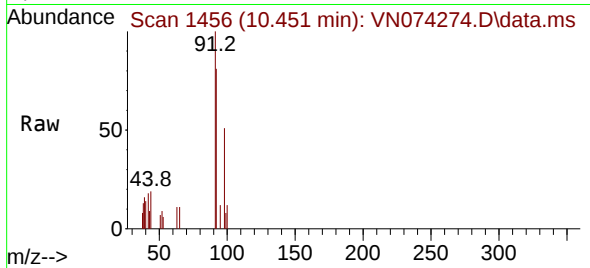
Tgt Ion: 98 Resp: 452119
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8





#52
Toluene
Concen: 0.468 ug/l
RT: 10.451 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

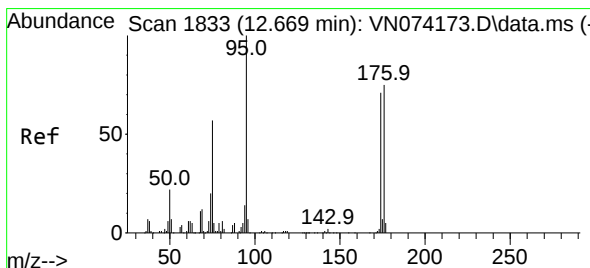
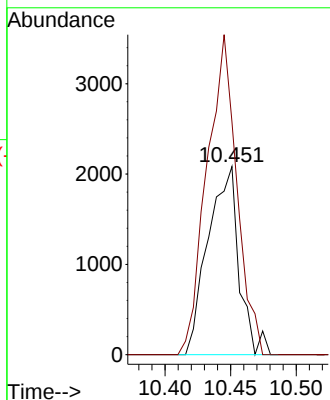
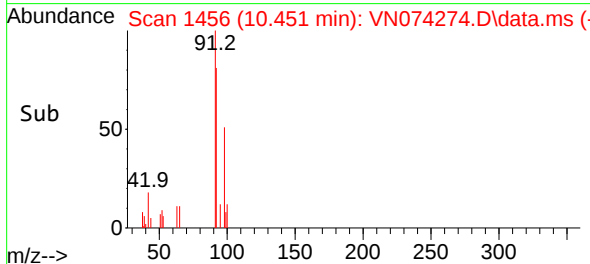
Instrument :
MSVOA_N
ClientSampleId :
MW-32



Tgt Ion: 92 Resp: 341
Ion Ratio Lower Upper
92 100
91 164.8 138.6 207.8

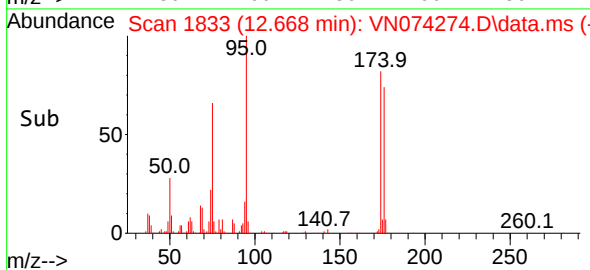
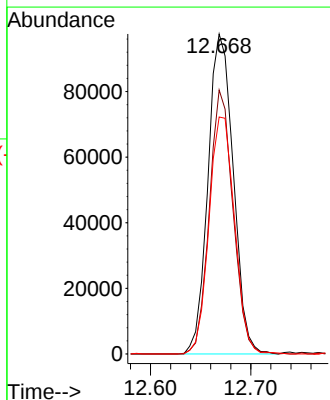
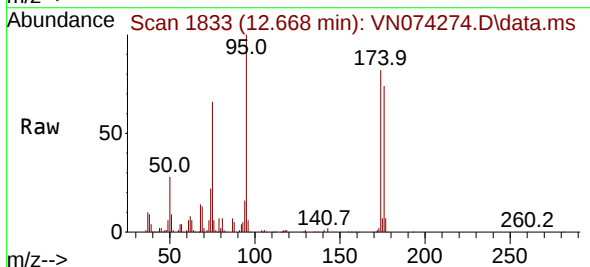
Manual Integrations
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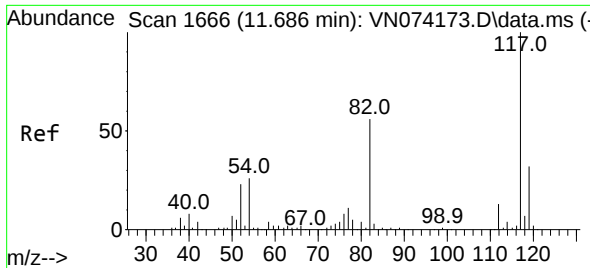
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#62
4-Bromofluorobenzene
Concen: 58.807 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

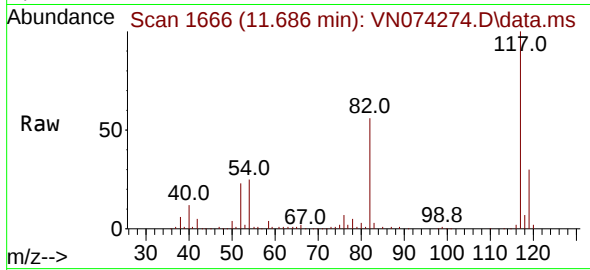
Tgt Ion: 95 Resp: 170870
Ion Ratio Lower Upper
95 100
174 77.3 0.0 167.6
176 74.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

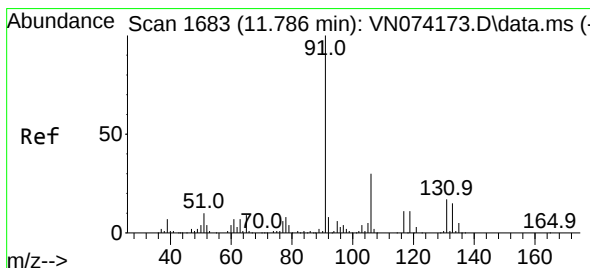
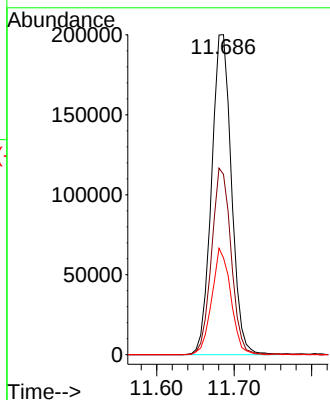
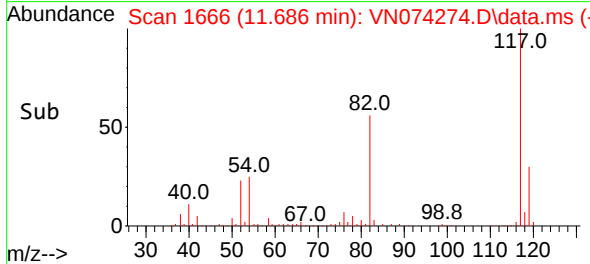
Instrument :
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MW-32



Tgt Ion: 117 Resp: 35715
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 30.2 25.4 38.0

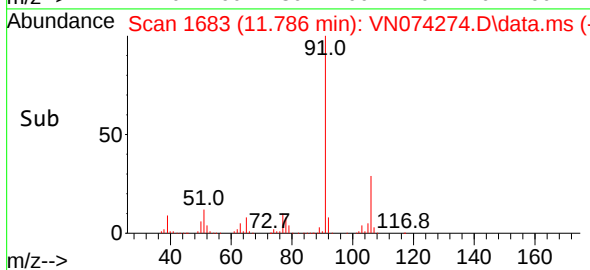
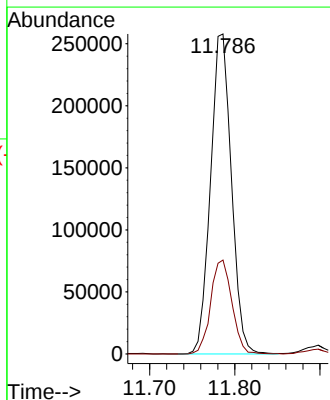
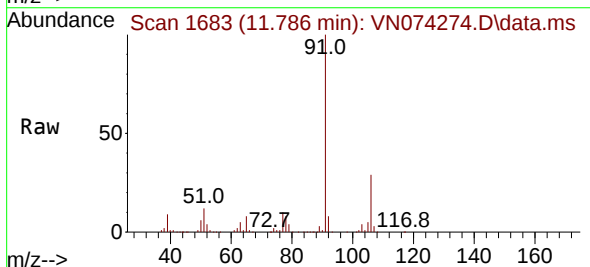
Manual Integrations
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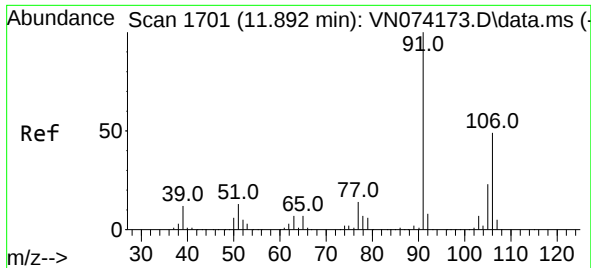
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#67
Ethyl Benzene
Concen: 30.535 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

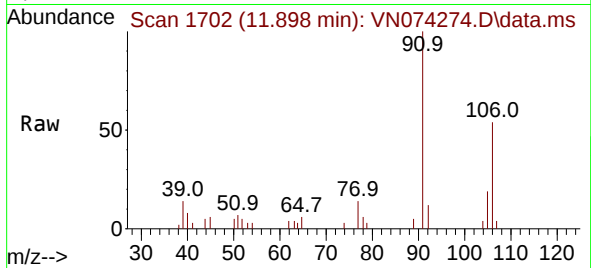
Tgt Ion: 91 Resp: 440402
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3





#68
m/p-Xylenes
Concen: 1.252 ug/l
RT: 11.898 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

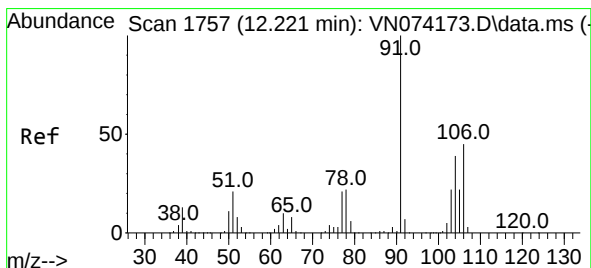
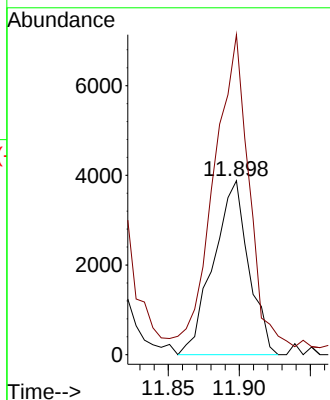
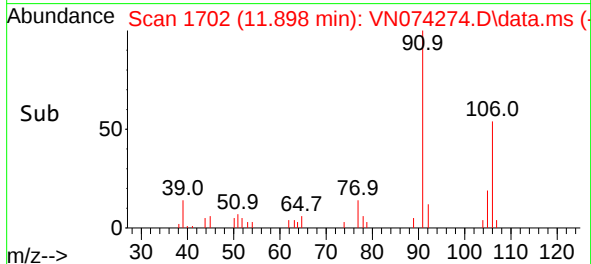
Instrument :
MSVOA_N
ClientSampleId :
MW-32



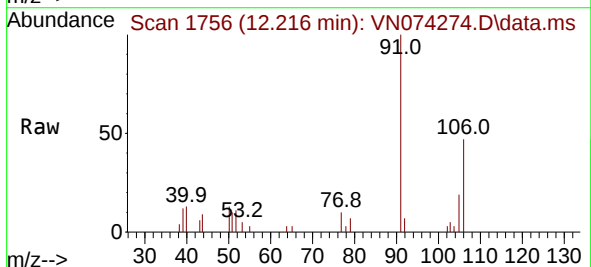
Tgt Ion:106 Resp: 6710
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3

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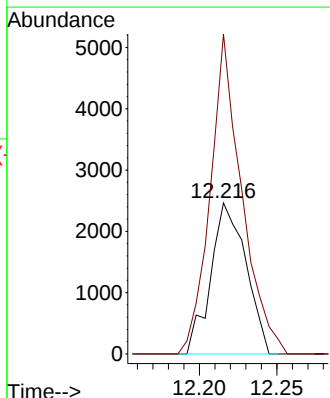
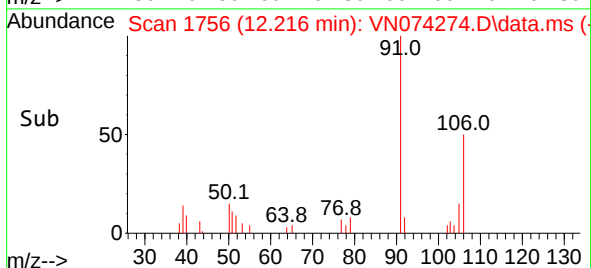
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

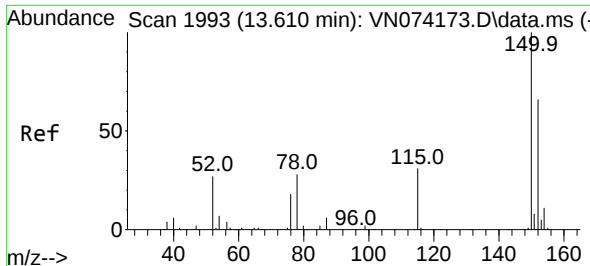


#69
o-Xylene
Concen: 0.729 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56



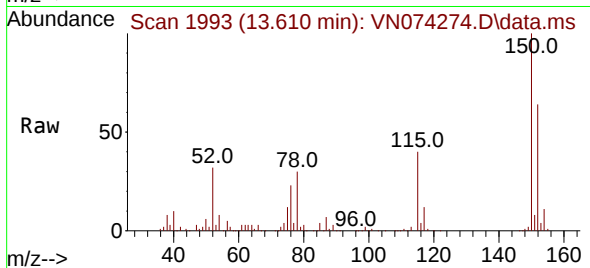
Tgt Ion:106 Resp: 3891
Ion Ratio Lower Upper
106 100
91 189.9 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

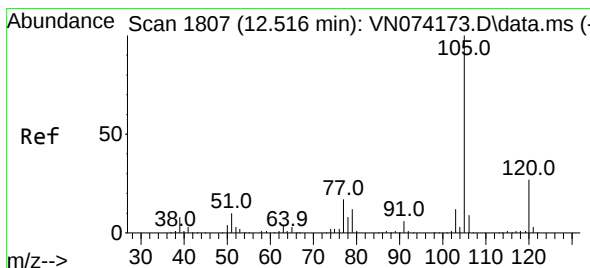
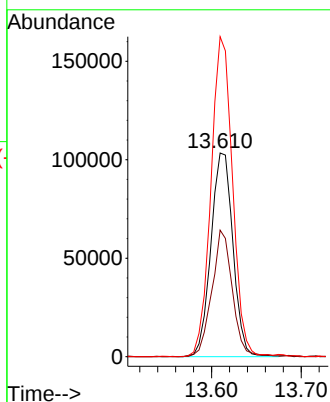
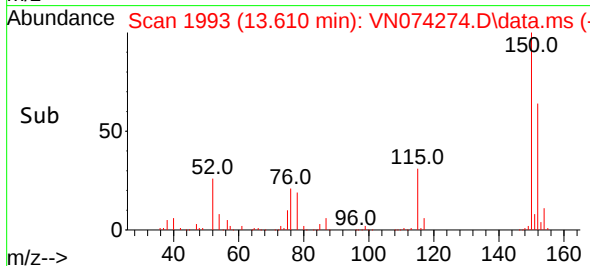
Instrument :
MSVOA_N
ClientSampleId :
MW-32



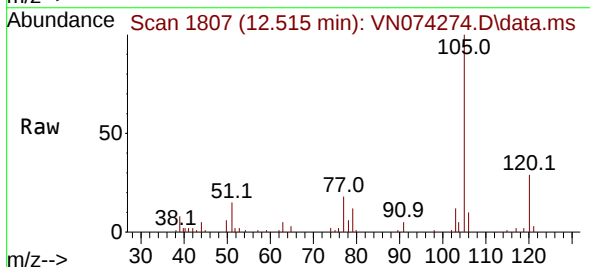
Tgt Ion:152 Resp: 17638
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 154.2 0.0 356.2

Manual Integrations
APPROVED

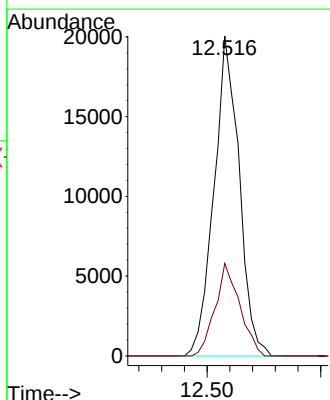
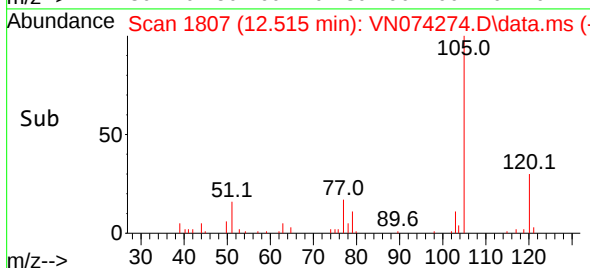
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

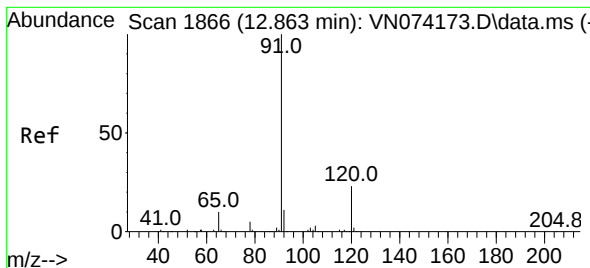


#73
Isopropylbenzene
Concen: 2.042 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56



Tgt Ion:105 Resp: 30847
Ion Ratio Lower Upper
105 100
120 28.4 13.5 40.4





#78

n-propylbenzene

Concen: 5.930 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN074274.D

Acq: 02 Sep 2022 04:56

Instrument :

MSVOA_N

ClientSampleId :

MW-32

Tgt Ion: 91 Resp: 102110

Ion Ratio Lower Upper

91 100

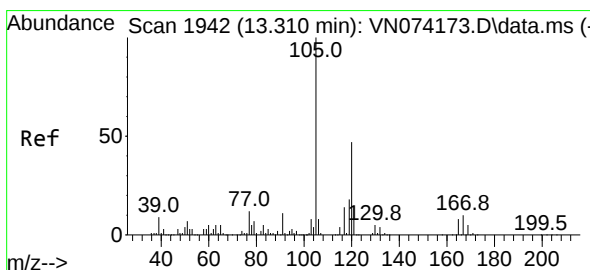
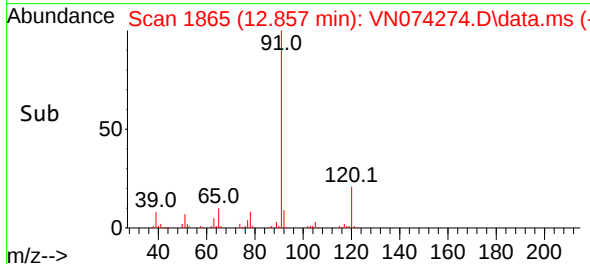
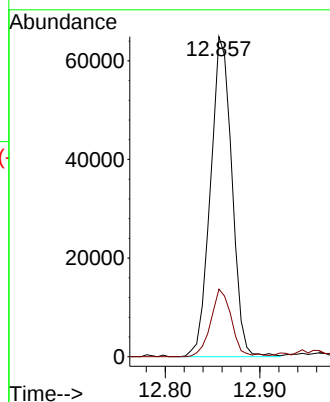
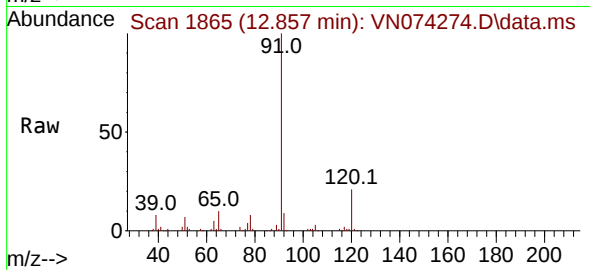
120 20.5 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#84

1,2,4-Trimethylbenzene

Concen: 52.281 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074274.D

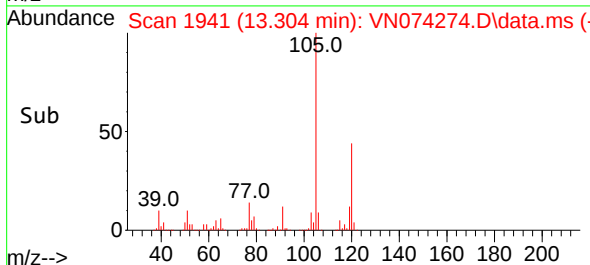
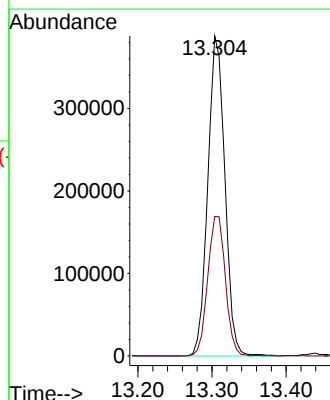
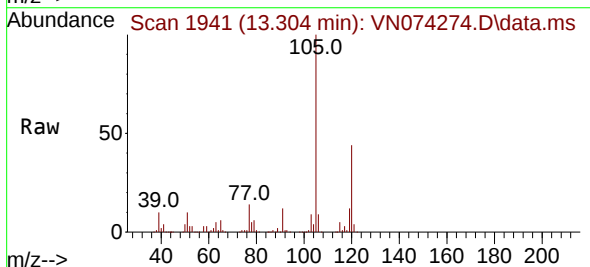
Acq: 02 Sep 2022 04:56

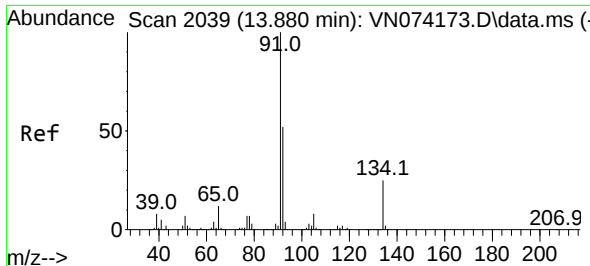
Tgt Ion:105 Resp: 619861

Ion Ratio Lower Upper

105 100

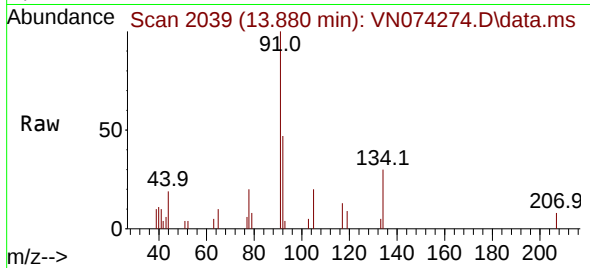
120 45.2 23.3 69.8





#89
n-Butylbenzene
Concen: 0.709 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56

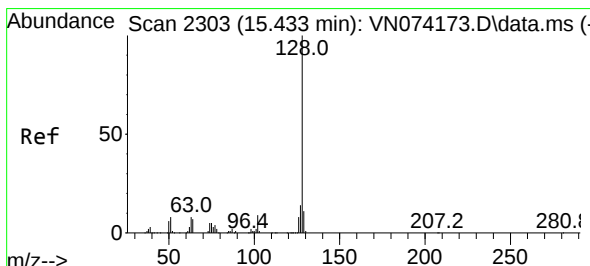
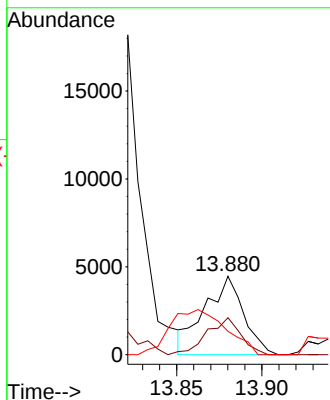
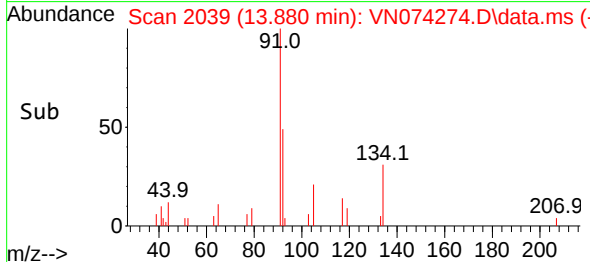
Instrument :
MSVOA_N
ClientSampleId :
MW-32



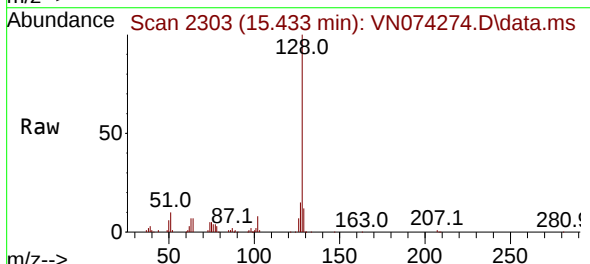
Tgt Ion: 91 Resp: 7080
Ion Ratio Lower Upper
91 100
92 41.3 26.9 80.7
134 82.9 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#95
Naphthalene
Concen: 12.818 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN074274.D
Acq: 02 Sep 2022 04:56



Tgt Ion:128 Resp: 159825
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.3 8.6 13.0

