

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080372.D
 Acq On : 05 Dec 2023 17:44
 Operator : JC\MD
 Sample : 05622-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2023
 Supervised By : Mahesh Dadoda 12/06/2023

Quant Time: Dec 06 00:54:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	184680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151931	49.824	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.640%		
35) Dibromofluoromethane	8.171	113	123192	50.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.680%		
50) Toluene-d8	10.565	98	449257	50.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.840%		
62) 4-Bromofluorobenzene	12.847	95	185619	55.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.400%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	10946	10.687	ug/l #	71
25) 2-Butanone	7.494	43	3768	3.096	ug/l #	82
30) Chloroform	7.941	83	5571m	1.260	ug/l	
31) Cyclohexane	8.259	56	28411	8.567	ug/l #	89
39) Methylcyclohexane	9.600	83	31656	9.266	ug/l #	87
40) Benzene	8.606	78	2457364	244.018	ug/l	100
52) Toluene	10.629	92	238496	37.843	ug/l	98
67) Ethyl Benzene	11.965	91	1144061	80.263	ug/l	97
68) m/p-Xylenes	12.070	106	676307	130.132	ug/l	88
69) o-Xylene	12.400	106	176826	36.103	ug/l	88
73) Isopropylbenzene	12.694	105	67992	5.100	ug/l	98
78) n-propylbenzene	13.035	91	84476	5.667	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	131365	11.320	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	689456	60.337	ug/l	99
85) sec-Butylbenzene	13.617	105	10177m	0.864	ug/l	
86) p-Isopropyltoluene	13.735	119	9689	0.921	ug/l #	74

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

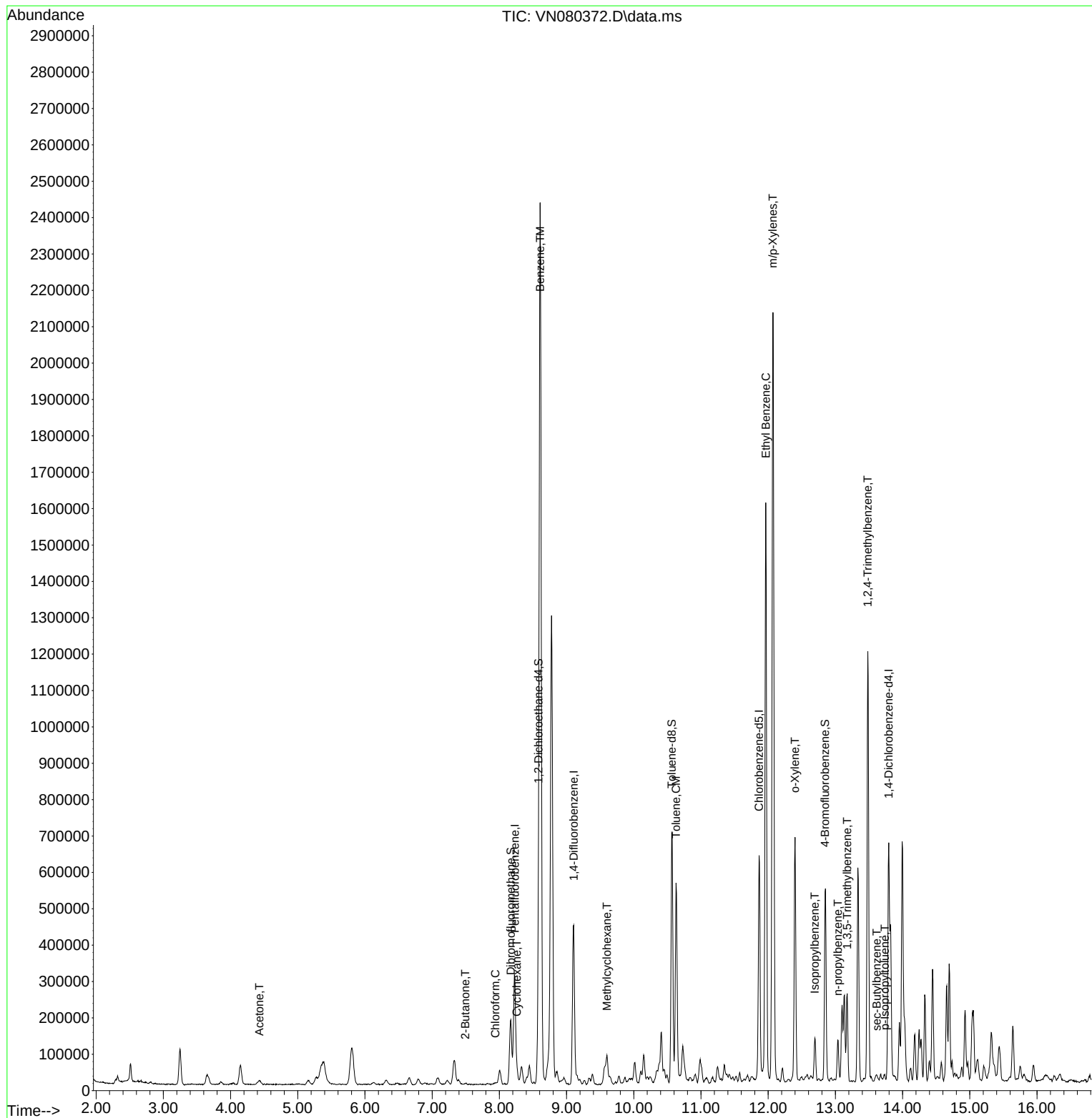
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
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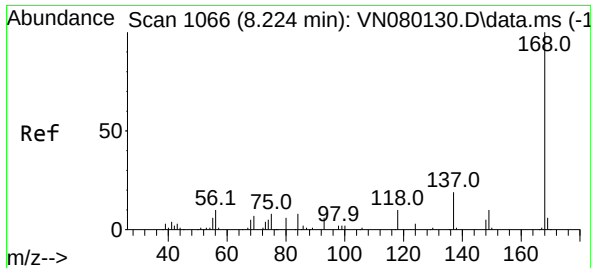
Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Time: Dec 06 00:54:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
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APPROVED

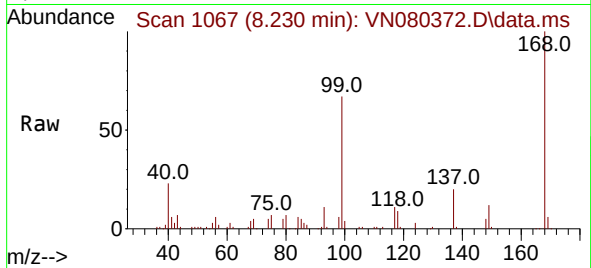
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

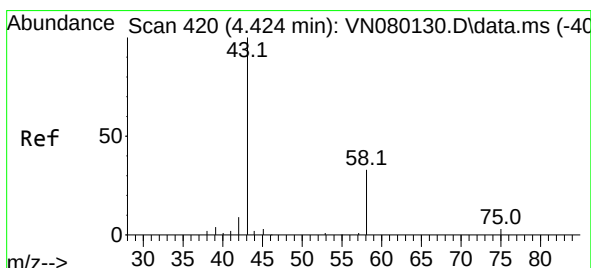
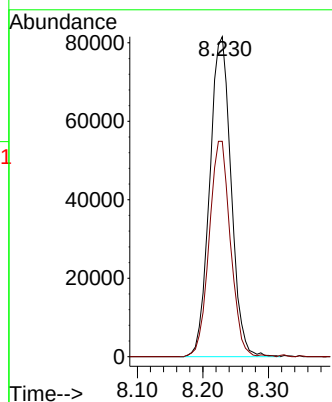
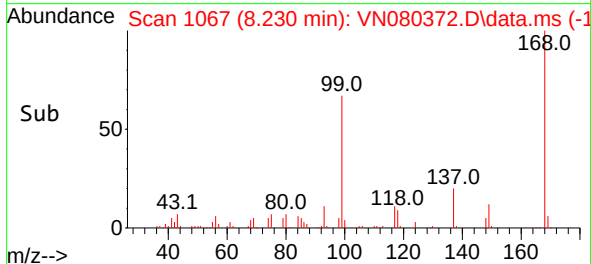
Instrument :
MSVOA_N
ClientSampleId :
MW-6



Tgt Ion:168 Resp: 184680
Ion Ratio Lower Upper
168 100
99 67.3 53.0 79.6

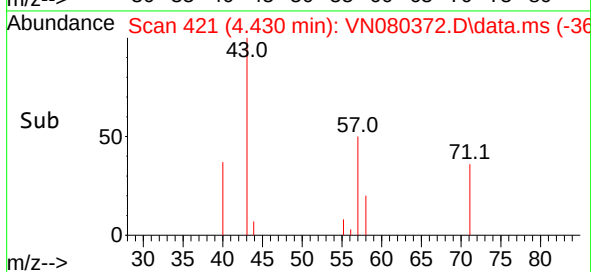
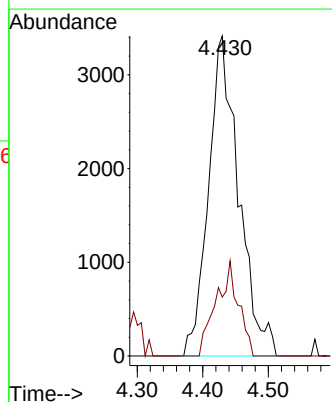
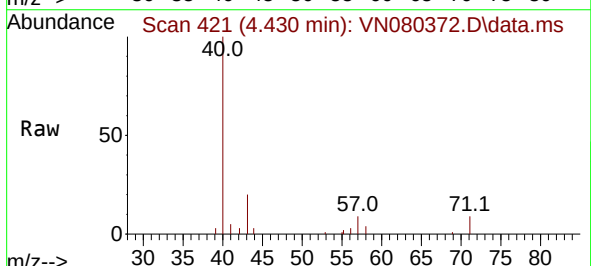
Manual Integrations
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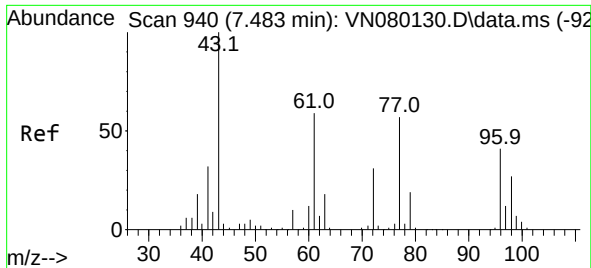
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#16
Acetone
Concen: 10.687 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 43 Resp: 10946
Ion Ratio Lower Upper
43 100
58 18.4 28.0 42.0#





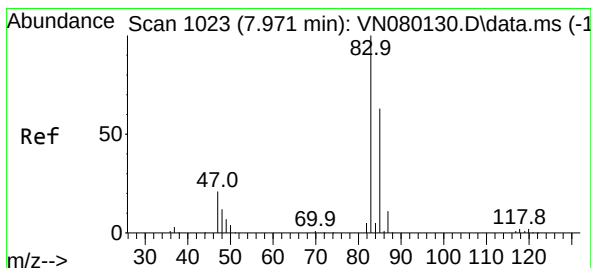
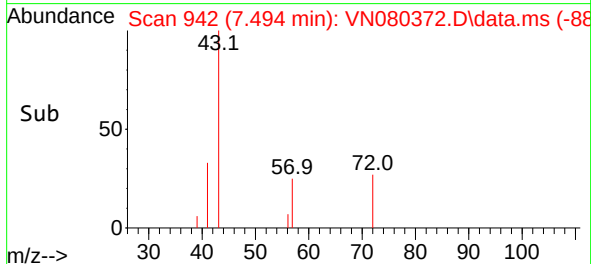
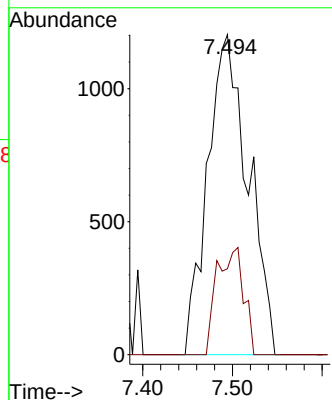
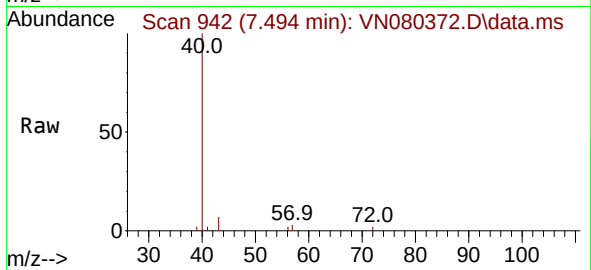
#25
2-Butanone
Concen: 3.096 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 43 Resp: 3768
Ion Ratio Lower Upper
43 100
72 26.8 30.2 45.2

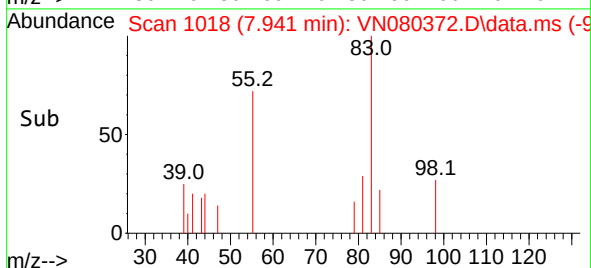
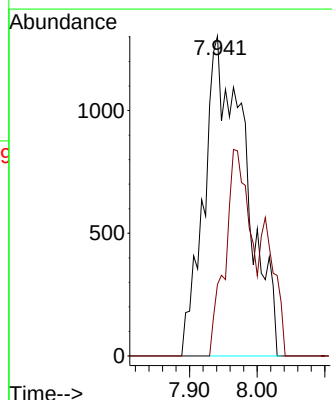
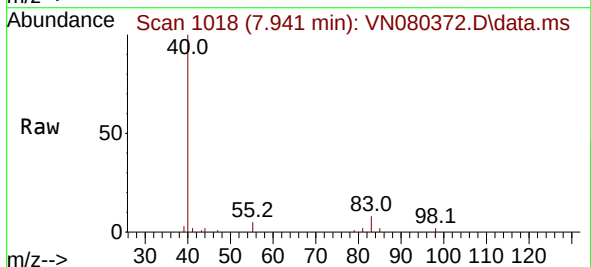
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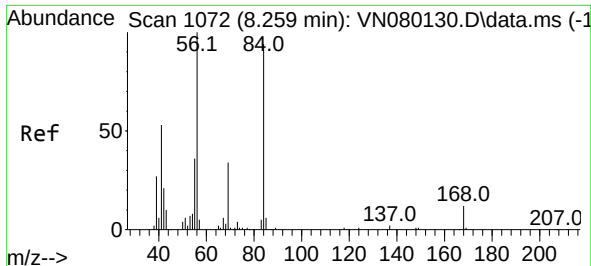
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#30
Chloroform
Concen: 1.260 ug/l m
RT: 7.941 min Scan# 1018
Delta R.T. -0.030 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

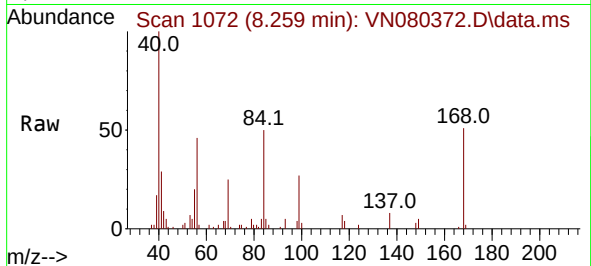
Tgt Ion: 83 Resp: 5571
Ion Ratio Lower Upper
83 100
85 22.4 55.4 83.0





#31
Cyclohexane
Concen: 8.567 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

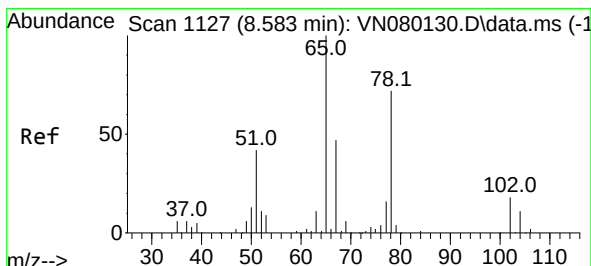
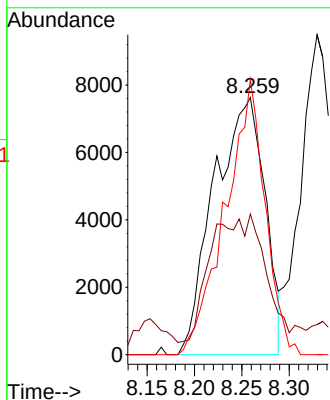
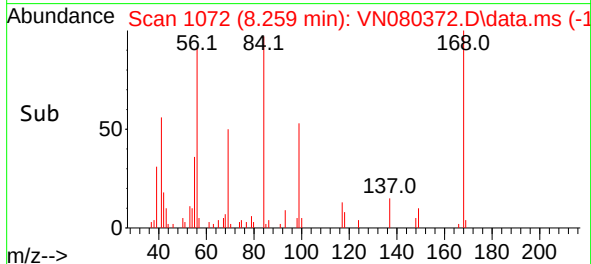
Instrument :
MSVOA_N
ClientSampleId :
MW-6



Tgt Ion: 56 Resp: 2841
Ion Ratio Lower Upper
56 100
69 50.0 26.8 40.2
84 107.2 81.8 122.6

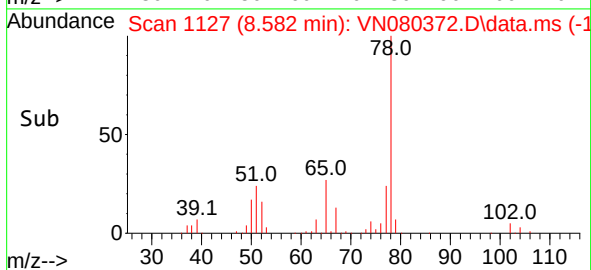
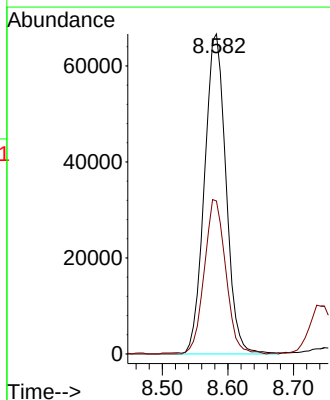
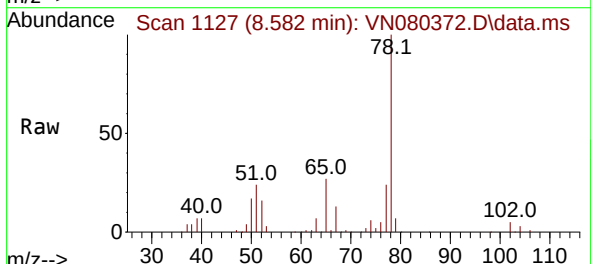
Manual Integrations
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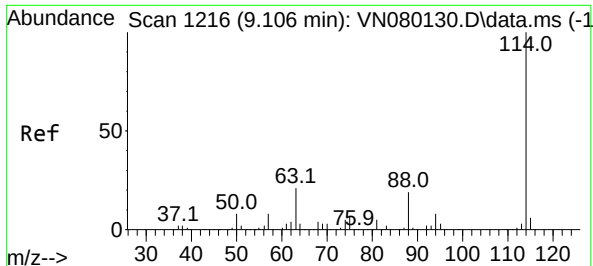
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#33
1,2-Dichloroethane-d4
Concen: 49.824 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 65 Resp: 151931
Ion Ratio Lower Upper
65 100
67 48.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080372.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

MW-6

Tgt Ion:114 Resp: 331679

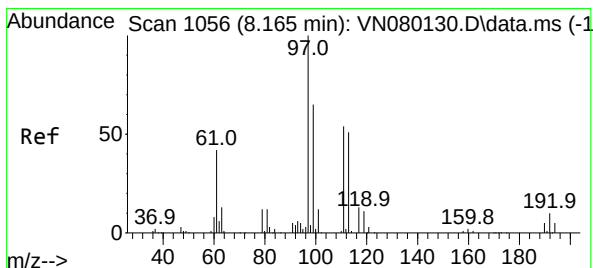
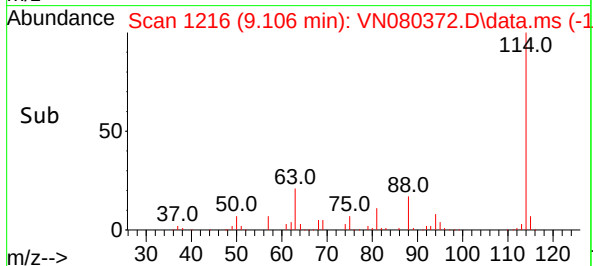
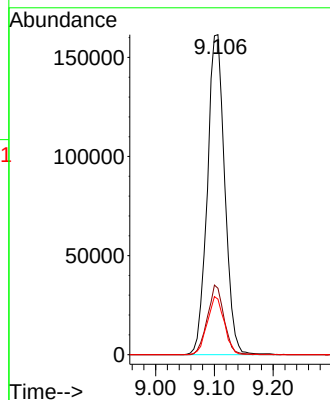
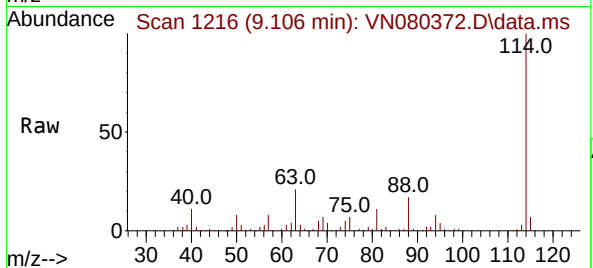
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	36.4
88	17.4	0.0	30.6

Manual Integrations

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Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#35

Dibromofluoromethane

Concen: 50.337 ug/l

RT: 8.171 min Scan# 1057

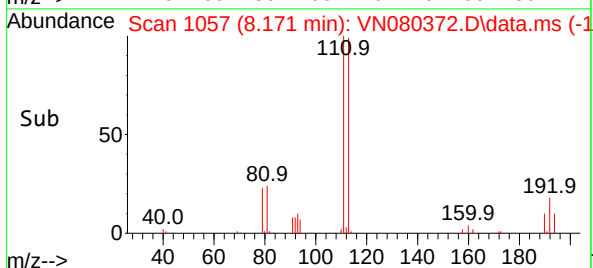
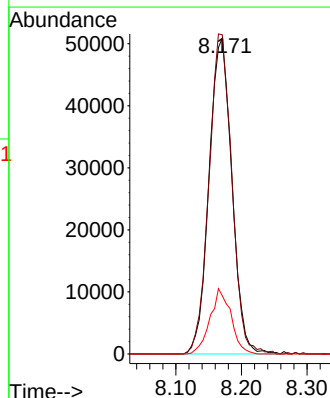
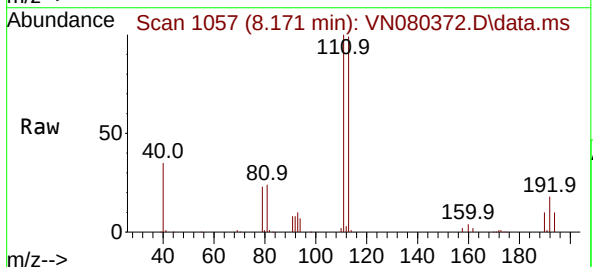
Delta R.T. 0.006 min

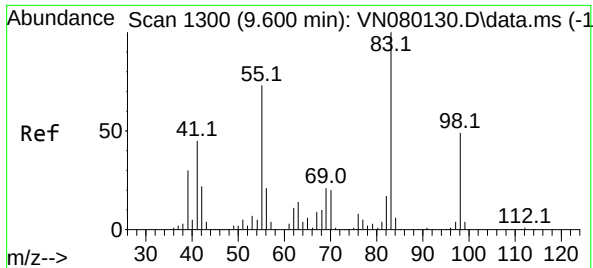
Lab File: VN080372.D

Acq: 05 Dec 2023 17:44

Tgt Ion:113 Resp: 123192

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	123.8
192	18.9	12.7	19.1





#39

Methylcyclohexane

Concen: 9.266 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080372.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

MW-6

Tgt Ion: 83 Resp: 31650

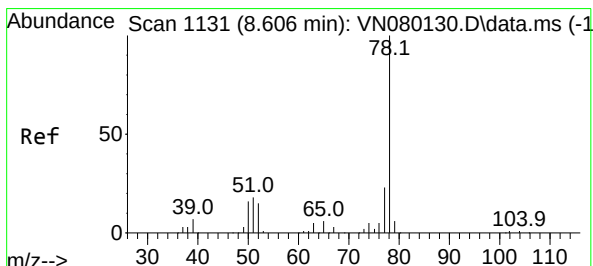
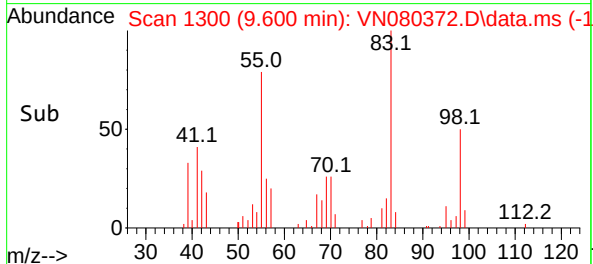
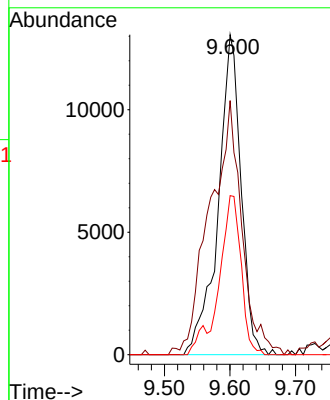
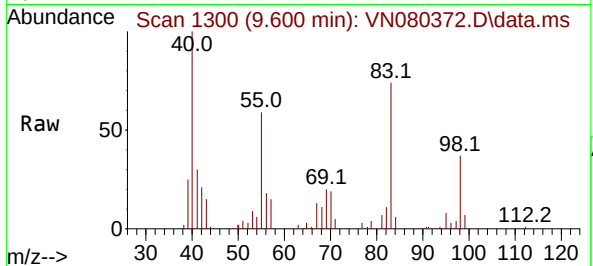
Ion	Ratio	Lower	Upper
83	100		
55	78.0	49.1	73.7
98	49.7	40.6	61.0

Manual Integrations

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Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#40

Benzene

Concen: 244.018 ug/l

RT: 8.606 min Scan# 1131

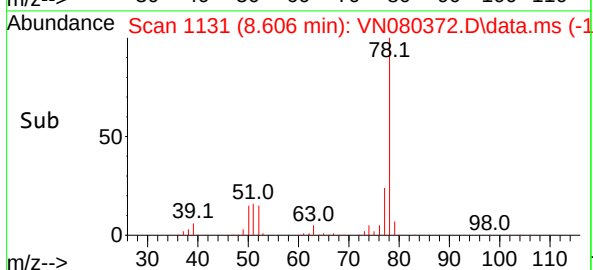
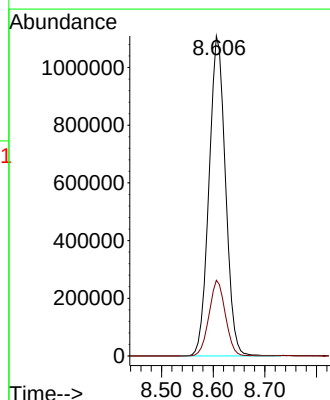
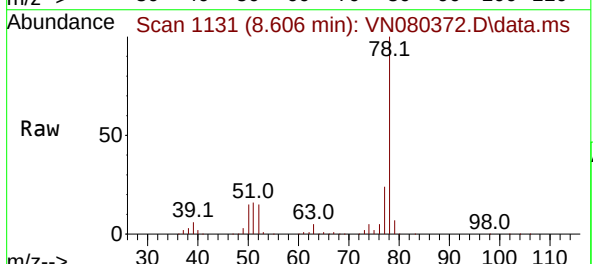
Delta R.T. -0.000 min

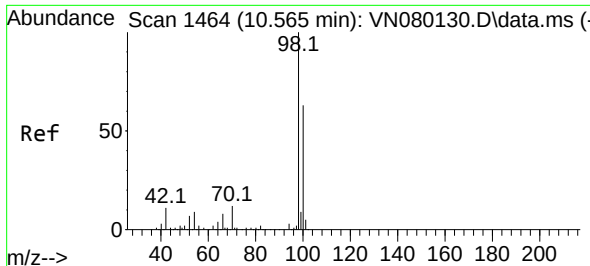
Lab File: VN080372.D

Acq: 05 Dec 2023 17:44

Tgt Ion: 78 Resp: 2457364

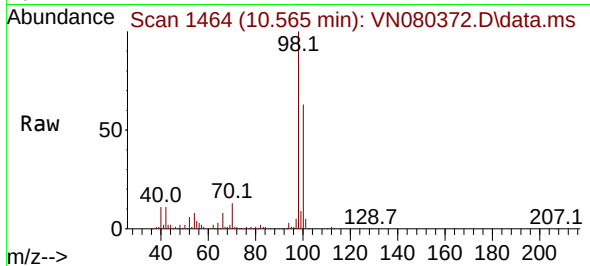
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





#50
Toluene-d8
Concen: 50.923 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

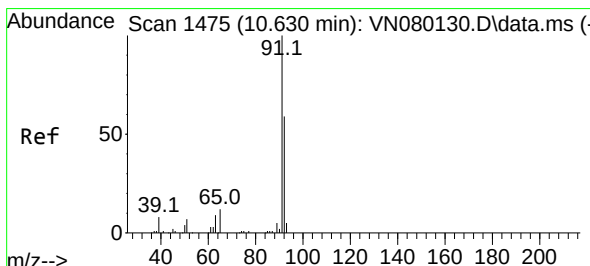
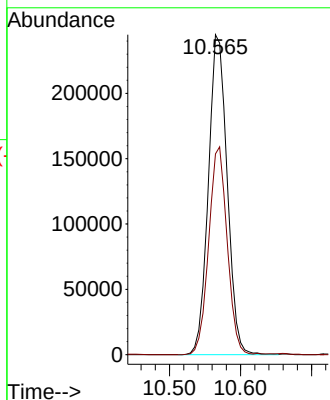
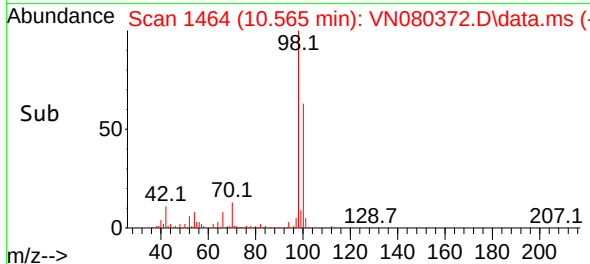
Instrument :
MSVOA_N
ClientSampleId :
MW-6



Tgt Ion: 98 Resp: 44925
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

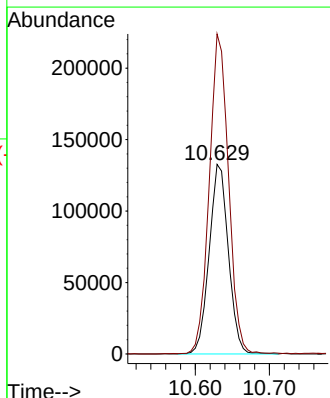
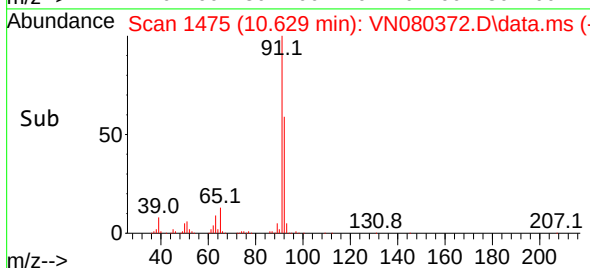
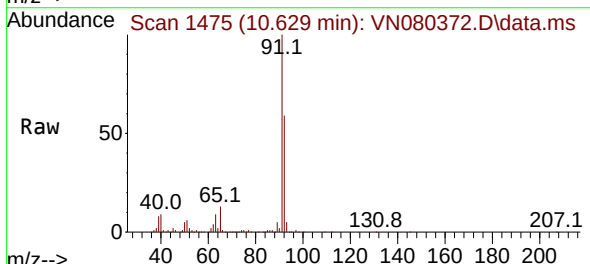
Manual Integrations
APPROVED

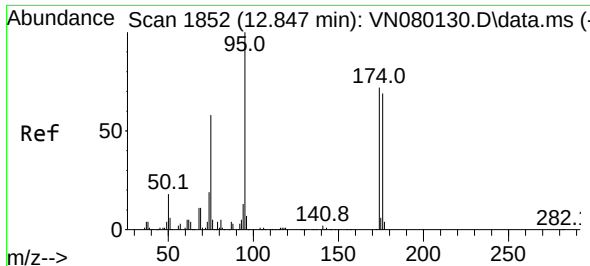
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#52
Toluene
Concen: 37.843 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

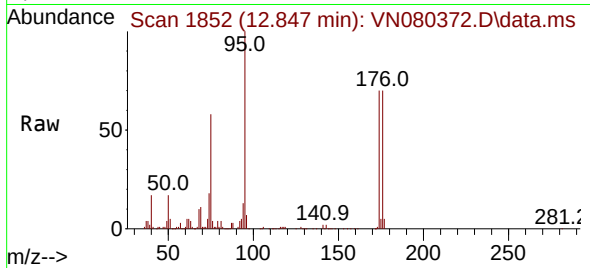
Tgt Ion: 92 Resp: 238496
Ion Ratio Lower Upper
92 100
91 168.8 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 55.703 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

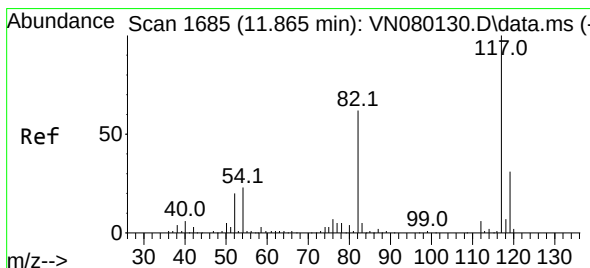
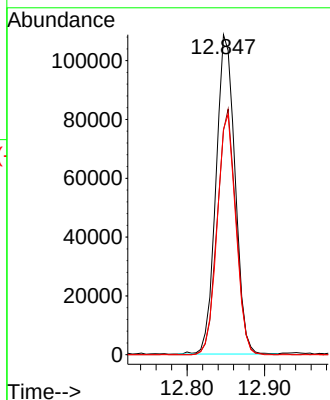
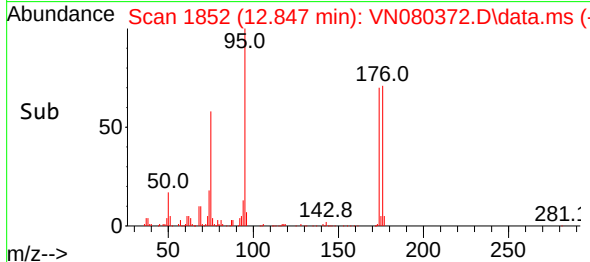
Instrument :
MSVOA_N
ClientSampleId :
MW-6



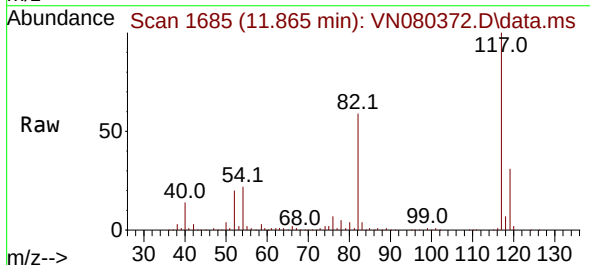
Tgt Ion: 95 Resp: 185619
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.5 0.0 135.8

Manual Integrations
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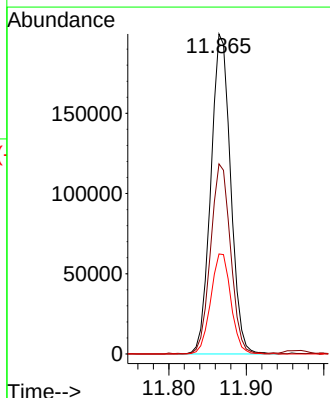
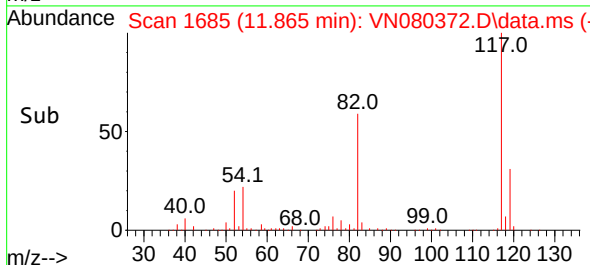
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

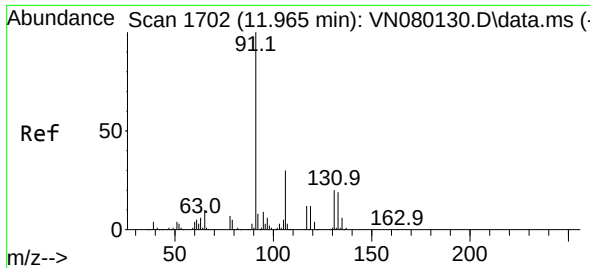


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44



Tgt Ion:117 Resp: 353513
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 31.2 25.6 38.4





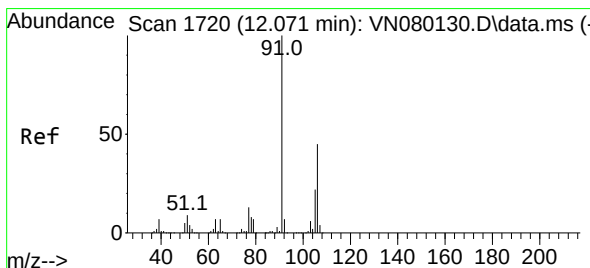
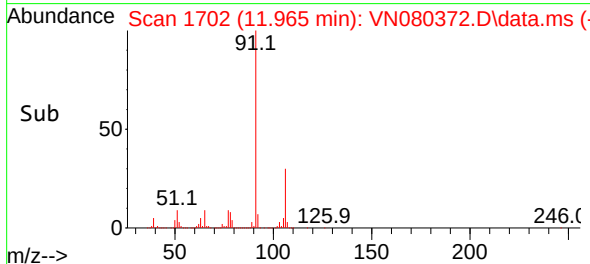
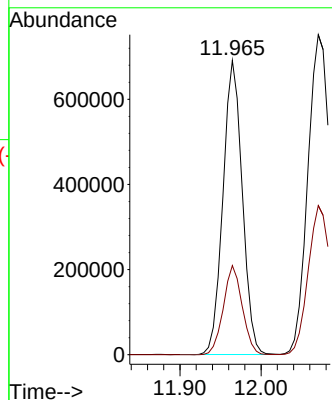
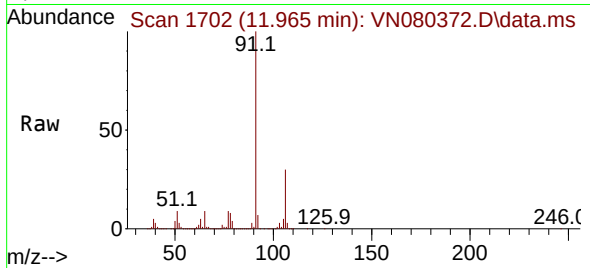
#67
Ethyl Benzene
Concen: 80.263 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 91 Resp: 114406
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

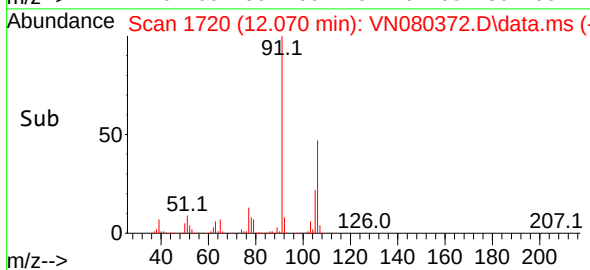
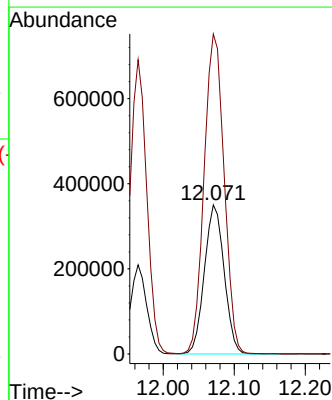
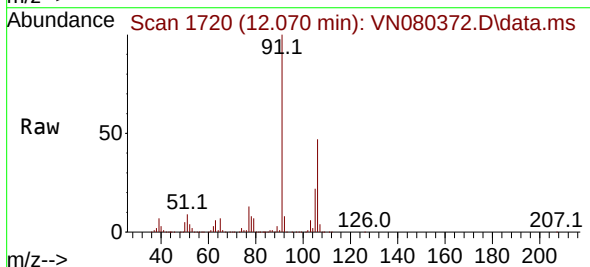
Manual Integrations
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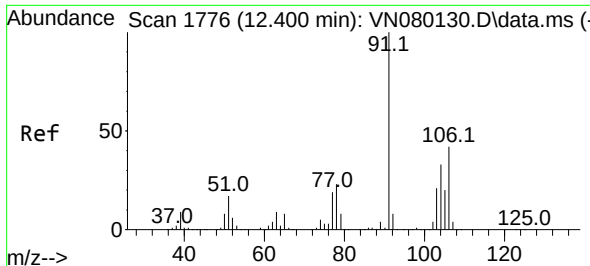
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#68
m/p-Xylenes
Concen: 130.132 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

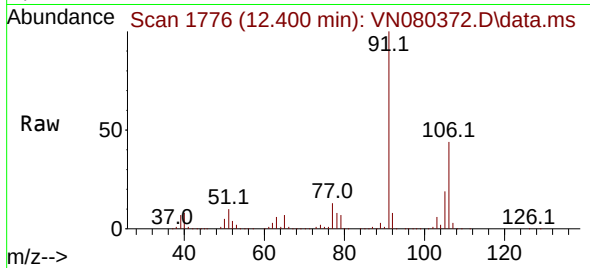
Tgt Ion:106 Resp: 676307
Ion Ratio Lower Upper
106 100
91 217.7 159.6 239.4





#69
o-Xylene
Concen: 36.103 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

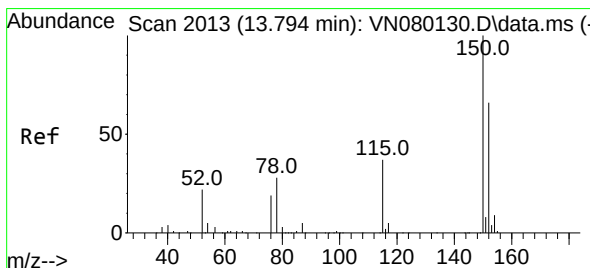
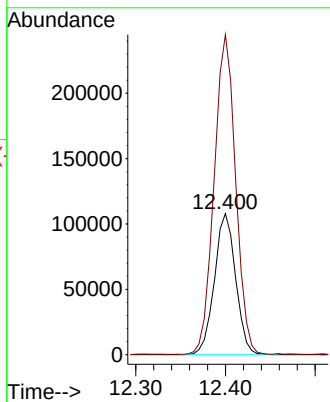
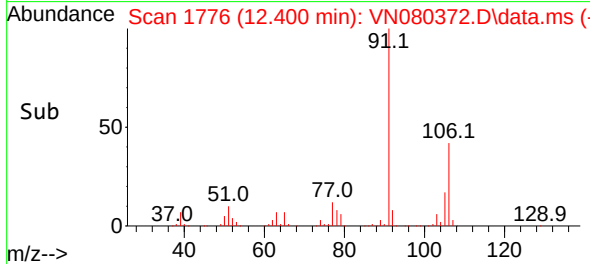
Instrument :
MSVOA_N
ClientSampleId :
MW-6



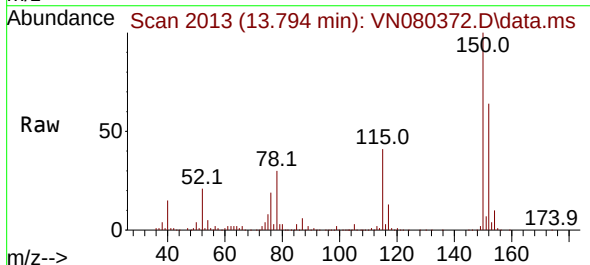
Tgt Ion:106 Resp: 176820
Ion Ratio Lower Upper
106 100
91 229.8 105.2 315.5

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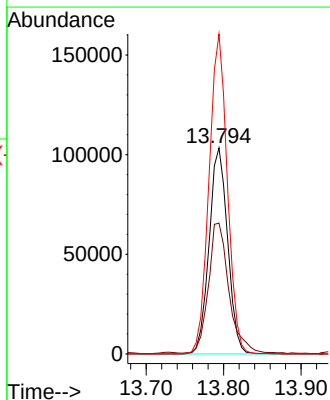
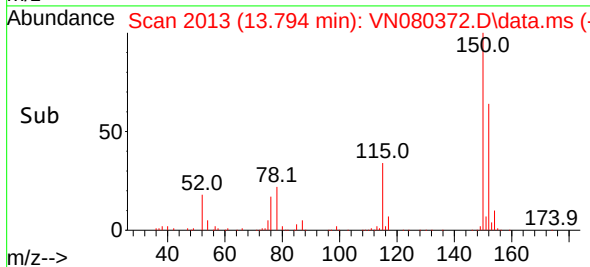
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

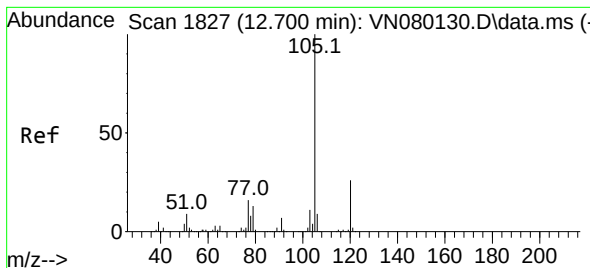


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44



Tgt Ion:152 Resp: 171554
Ion Ratio Lower Upper
152 100
115 70.5 32.3 96.8
150 153.6 0.0 355.8





#73

Isopropylbenzene

Concen: 5.100 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080372.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

MW-6

Tgt Ion:105 Resp: 67992

Ion Ratio Lower Upper

105 100

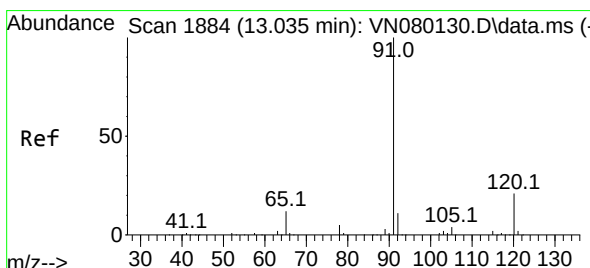
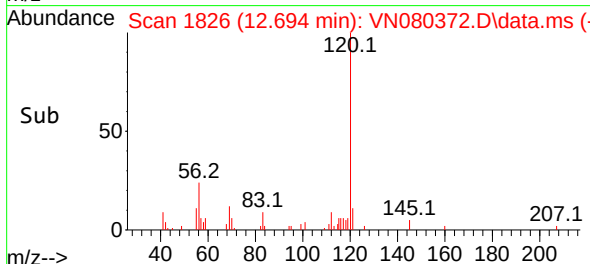
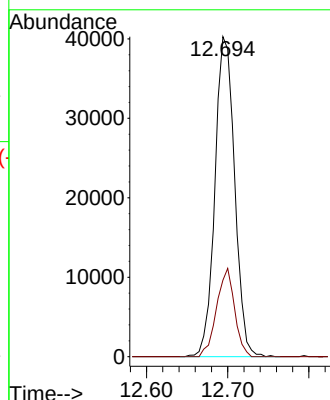
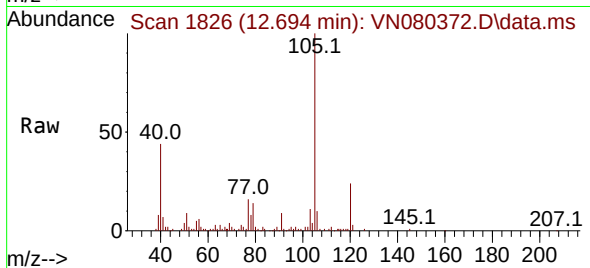
120 25.2 13.1 39.1

Manual Integrations

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Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#78

n-propylbenzene

Concen: 5.667 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080372.D

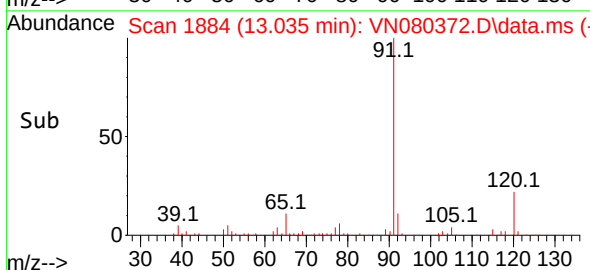
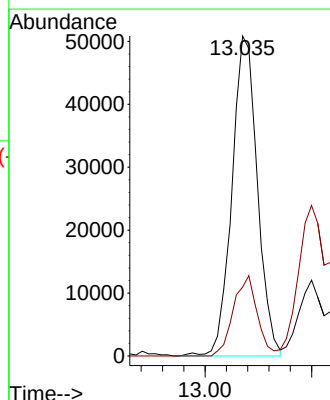
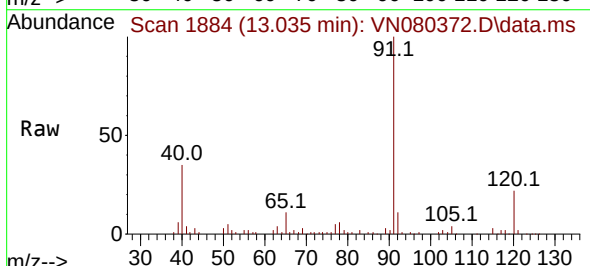
Acq: 05 Dec 2023 17:44

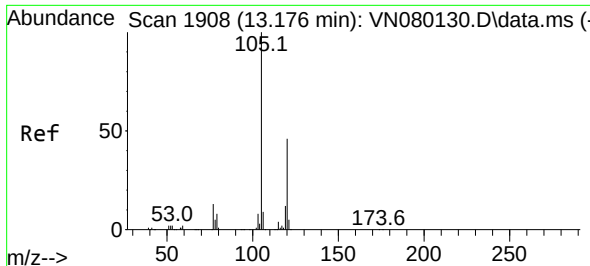
Tgt Ion: 91 Resp: 84476

Ion Ratio Lower Upper

91 100

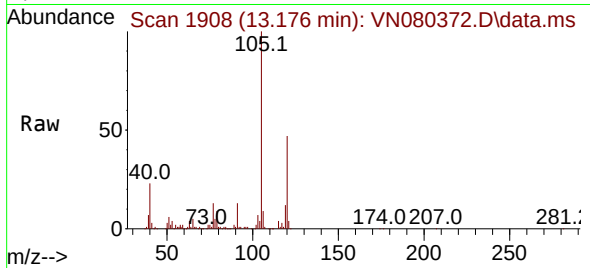
120 23.3 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 11.320 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44

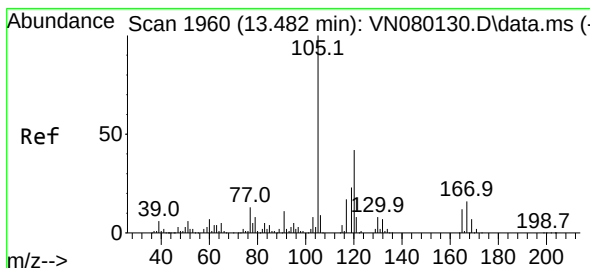
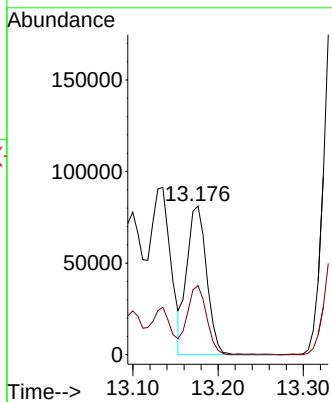
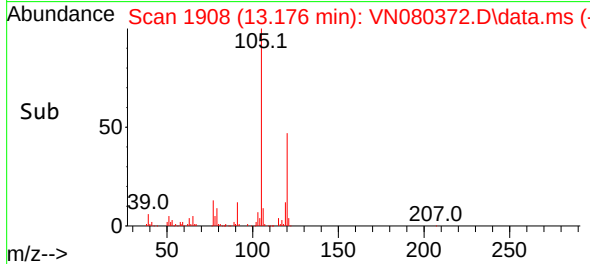
Instrument :
MSVOA_N
ClientSampleId :
MW-6



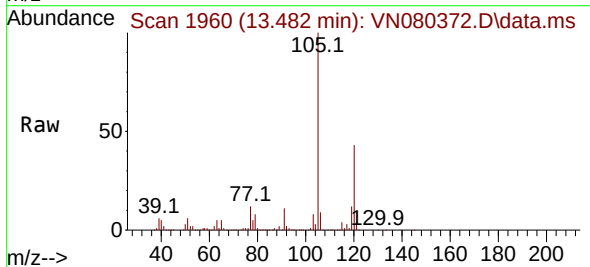
Tgt Ion:105 Resp: 13136
Ion Ratio Lower Upper
105 100
120 45.1 24.1 72.3

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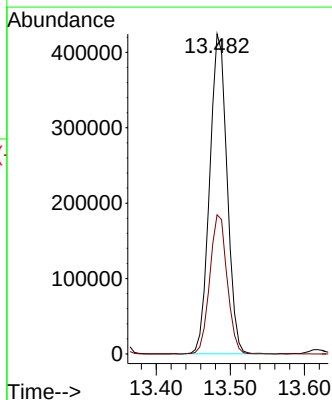
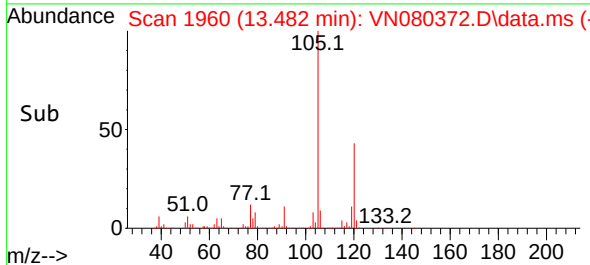
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

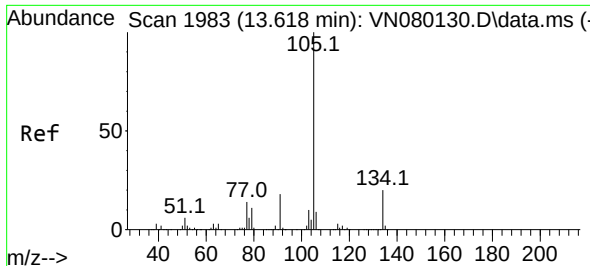


#84
1,2,4-Trimethylbenzene
Concen: 60.337 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 17:44



Tgt Ion:105 Resp: 689456
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0





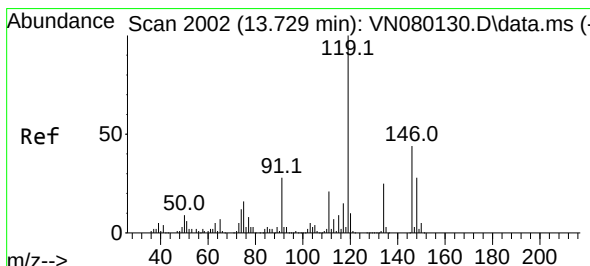
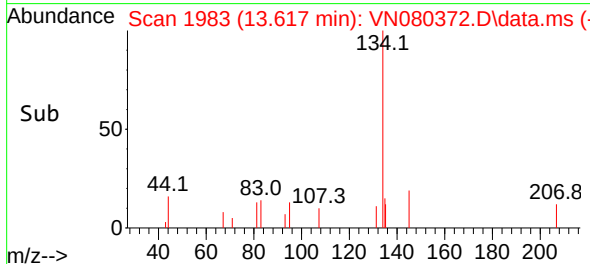
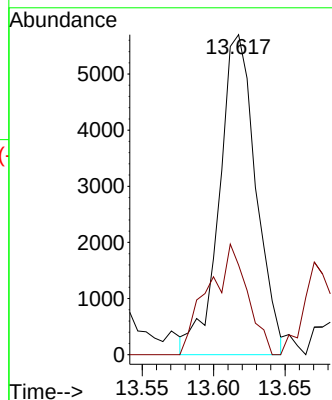
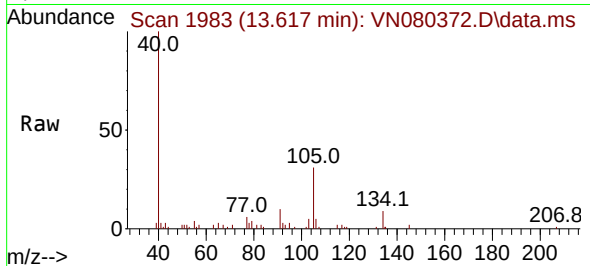
#85
 sec-Butylbenzene
 Concen: 0.864 ug/l m
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080372.D
 Acq: 05 Dec 2023 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Tgt Ion:105 Resp: 1017
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#86
 p-Isopropyltoluene
 Concen: 0.921 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080372.D
 Acq: 05 Dec 2023 17:44

Tgt Ion:119 Resp: 9689
 Ion Ratio Lower Upper
 119 100
 134 24.0 12.6 37.8
 91 0.0 12.4 37.2

