

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078546.D
 Acq On : 17 Jul 2023 16:27
 Operator : JC\MD
 Sample : 03632-07ME
 Misc : 7.05g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 04:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	423327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	763397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	756711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	390210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	277053	48.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.640%		
35) Dibromofluoromethane	8.177	113	272616	52.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.220%		
50) Toluene-d8	10.571	98	906951	46.328	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.660%		
62) 4-Bromofluorobenzene	12.859	95	403734	66.954	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	133.900%#		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.218	56	53698	7.001	ug/l #	49
39) Methylcyclohexane	9.606	83	66666m	9.761	ug/l	
52) Toluene	10.641	92	17053	1.241	ug/l	97
67) Ethyl Benzene	11.971	91	452018	15.810	ug/l	97
68) m/p-Xylenes	12.076	106	334556	31.649	ug/l	97
69) o-Xylene	12.406	106	94442	8.845	ug/l	95
73) Isopropylbenzene	12.700	105	63558	1.733	ug/l	97
78) n-propylbenzene	13.041	91	363632	9.273	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	442784	15.284	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1344851	47.792	ug/l	99
85) sec-Butylbenzene	13.617	105	37777m	1.215	ug/l	
89) n-Butylbenzene	14.059	91	101236	5.668	ug/l #	77
95) Naphthalene	15.647	128	248153	16.236	ug/l	96

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

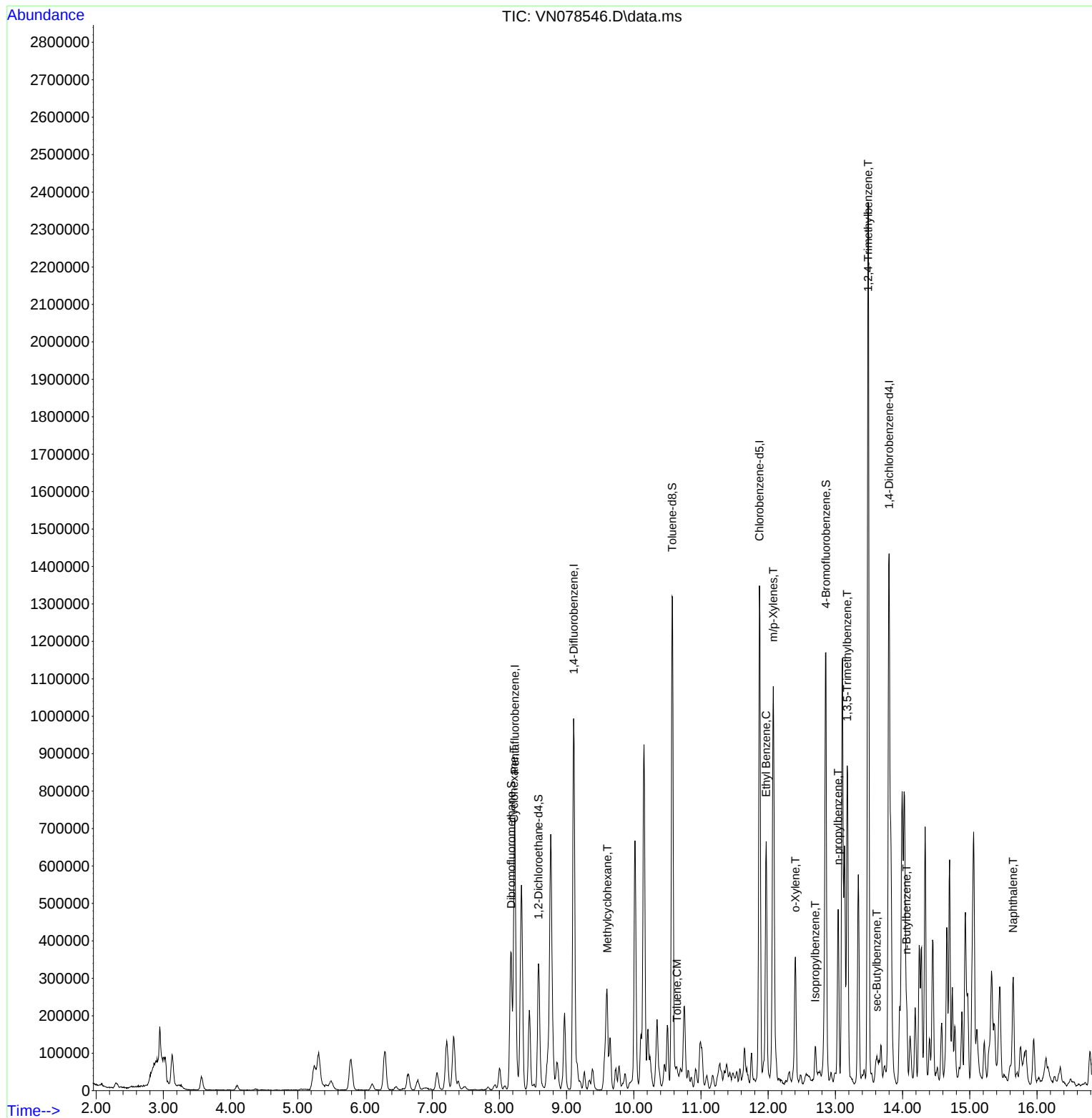
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
Data File : VN078546.D
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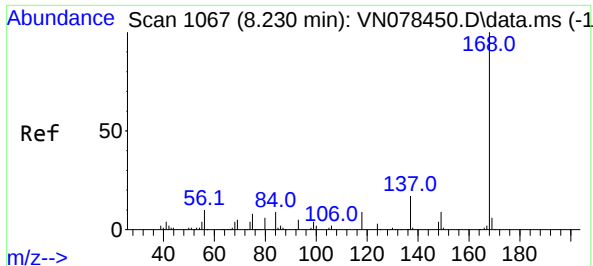
Instrument :
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Quant Title : SW846 8260
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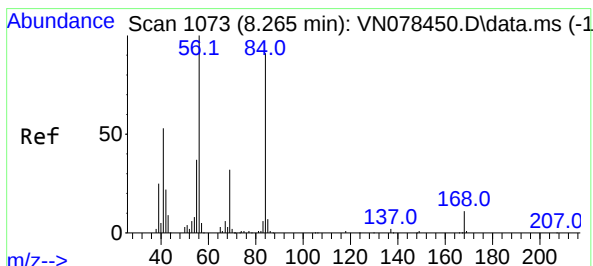
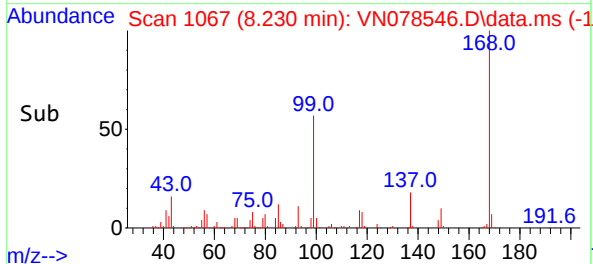
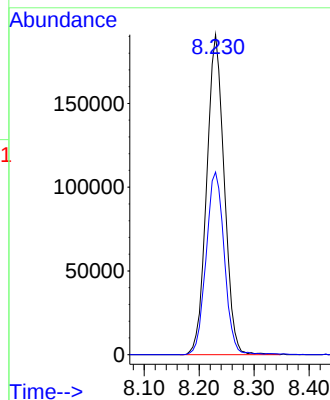
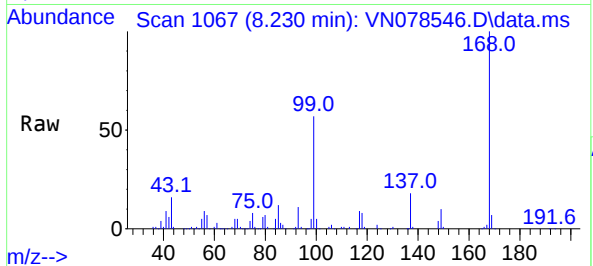
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

Tgt Ion:168 Resp: 42332
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6

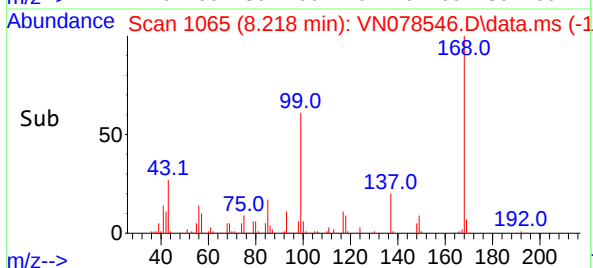
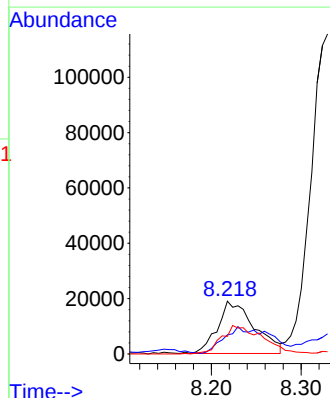
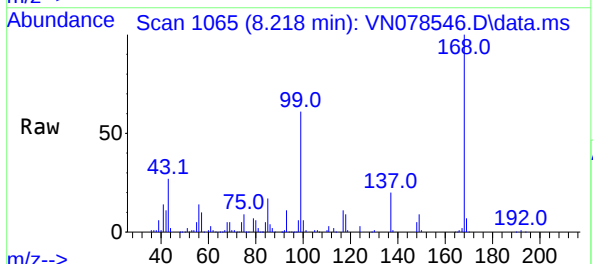
Manual Integrations
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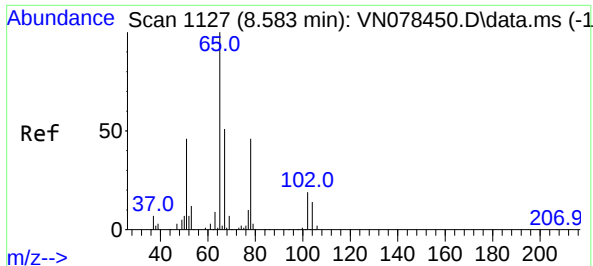
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



Cyclohexane
Concen: 7.001 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.047 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 56 Resp: 53698
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 33.6 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 48.819 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

SB-10-(9-11)ME

Tgt Ion: 65 Resp: 27705

Ion Ratio Lower Upper

65 100

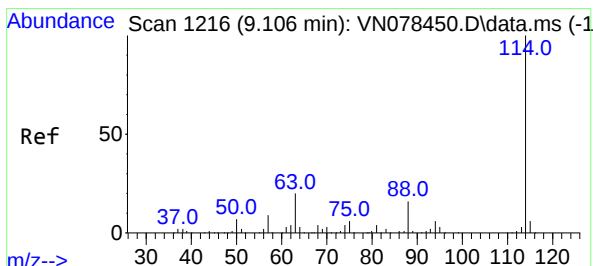
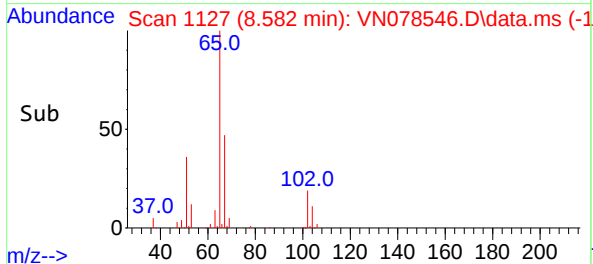
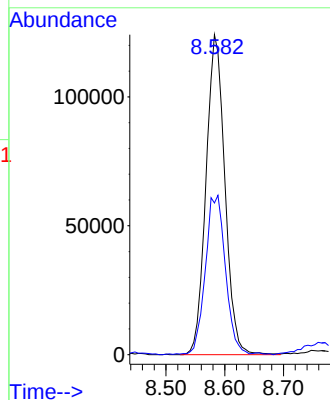
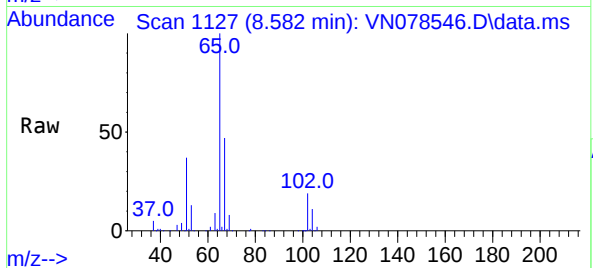
67 52.7 0.0 106.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

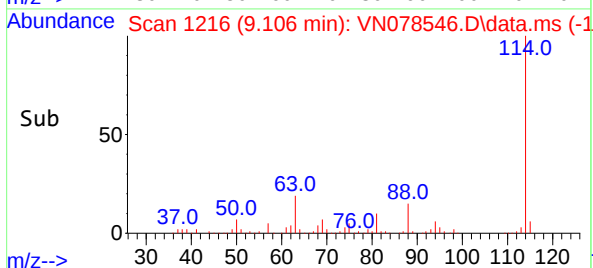
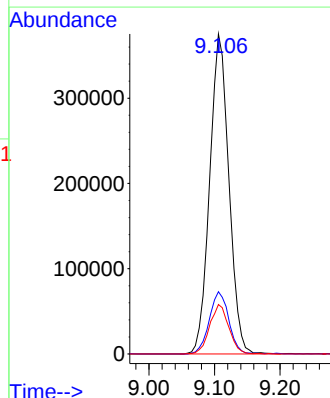
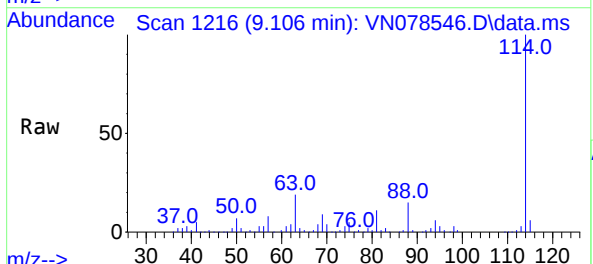
Tgt Ion:114 Resp: 763397

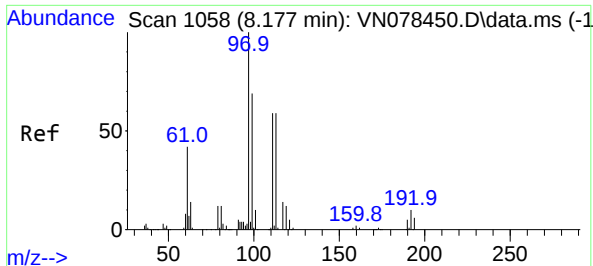
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

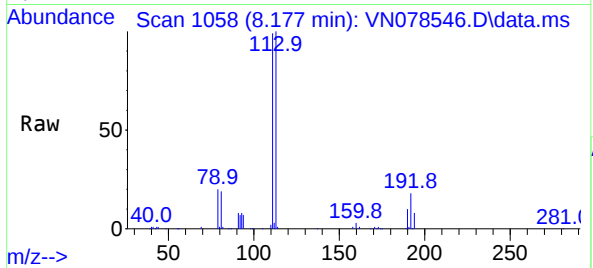
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.606 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

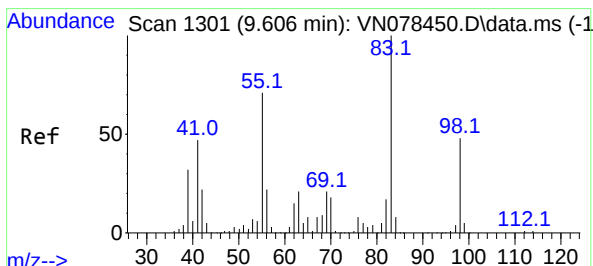
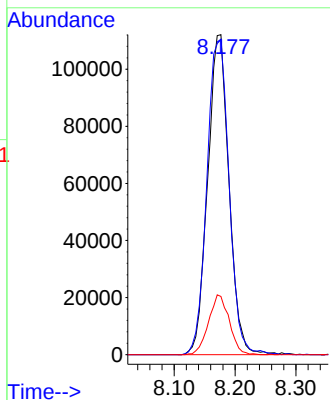
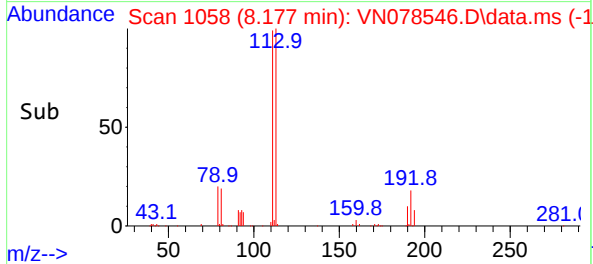
Instrument :
MSVOA_N
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SB-10-(9-11)ME



Tgt Ion:113 Resp: 272610
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 18.2 12.7 19.1

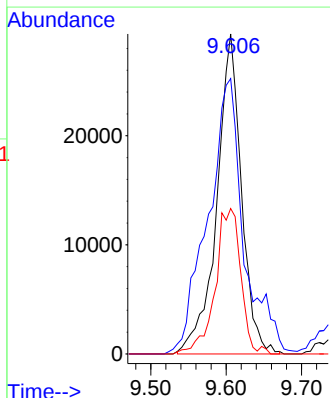
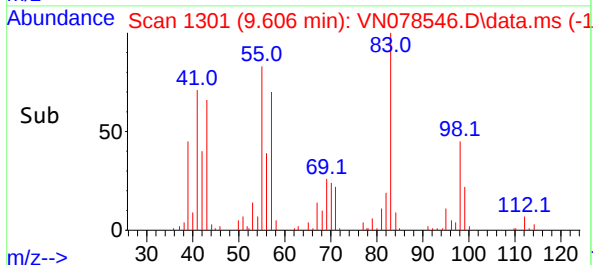
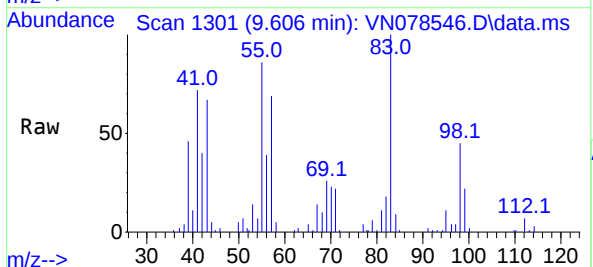
Manual Integrations
APPROVED

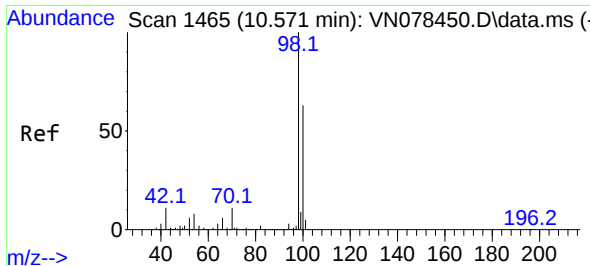
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#39
Methylcyclohexane
Concen: 9.761 ug/l m
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

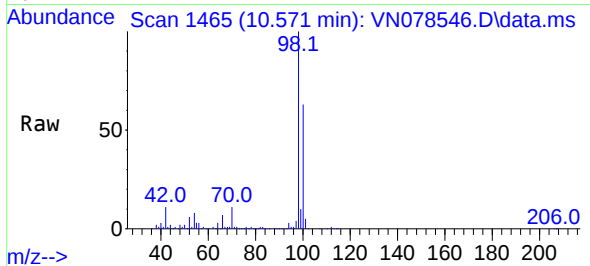
Tgt Ion: 83 Resp: 66666
Ion Ratio Lower Upper
83 100
55 86.1 49.1 73.7#
98 45.4 40.6 61.0





#50
Toluene-d8
Concen: 46.328 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

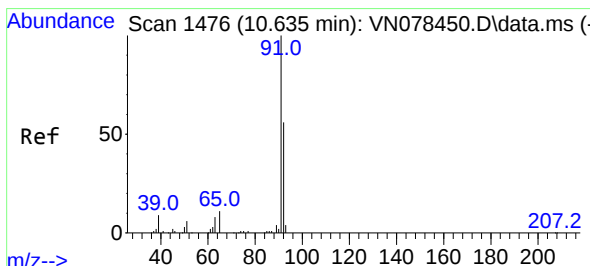
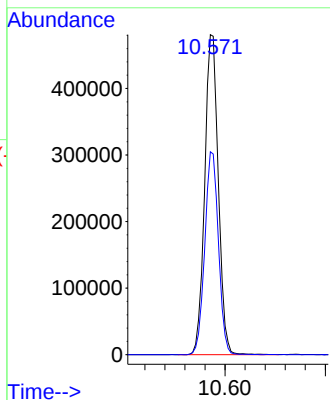
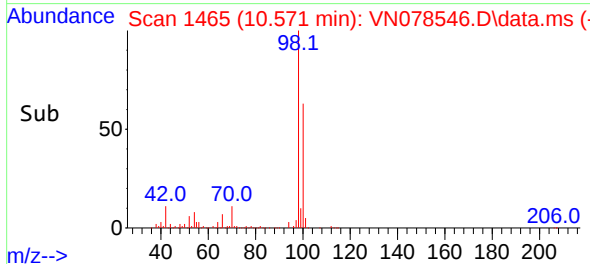
Instrument :
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SB-10-(9-11)ME



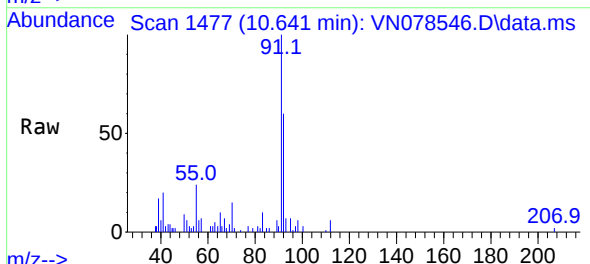
Tgt Ion: 98 Resp: 90695
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

Manual Integrations
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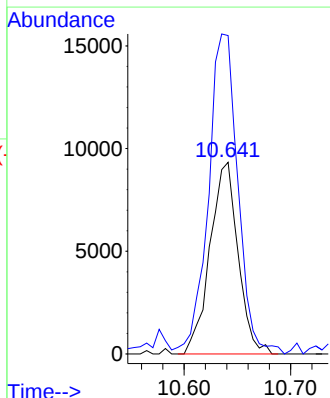
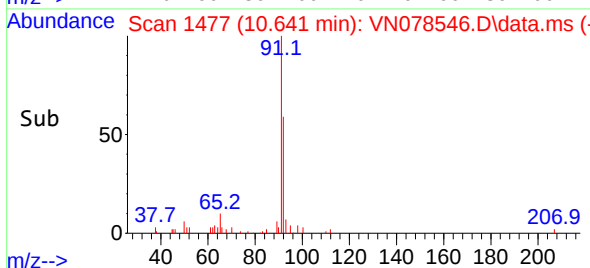
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

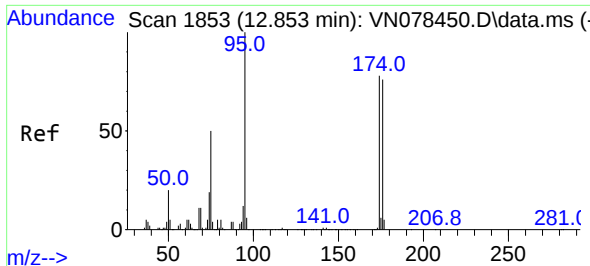


#52
Toluene
Concen: 1.241 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27



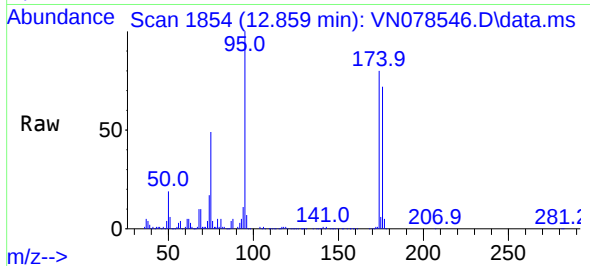
Tgt Ion: 92 Resp: 17053
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 66.954 ug/l
RT: 12.859 min Scan# 1185
Delta R.T. 0.006 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

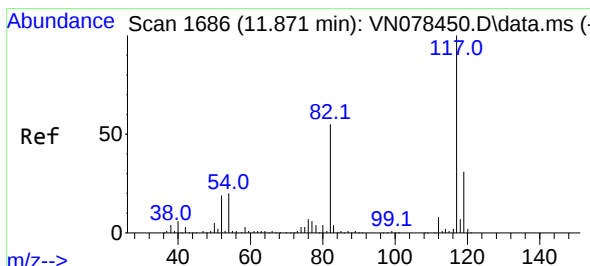
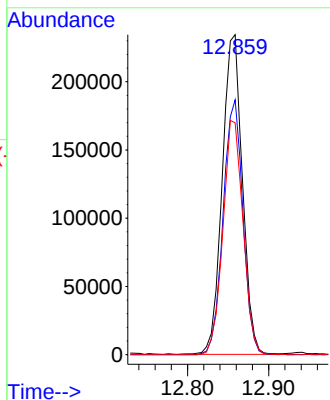
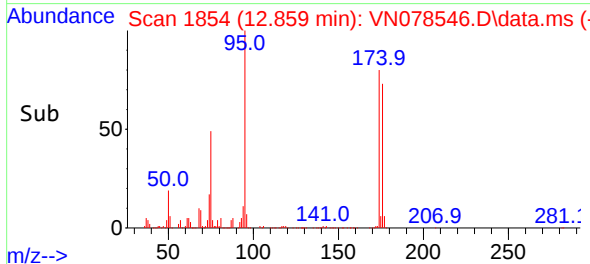
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME



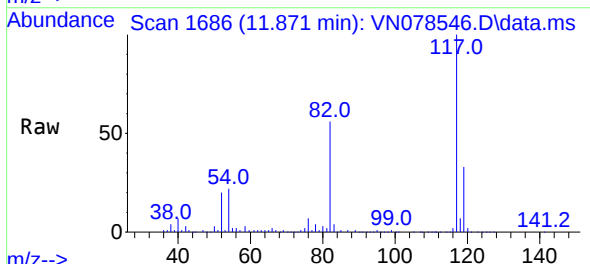
Tgt Ion: 95 Resp: 403734
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 73.2 0.0 135.8

Manual Integrations
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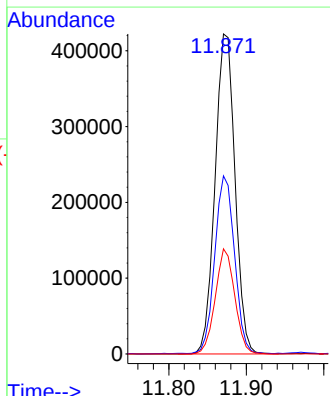
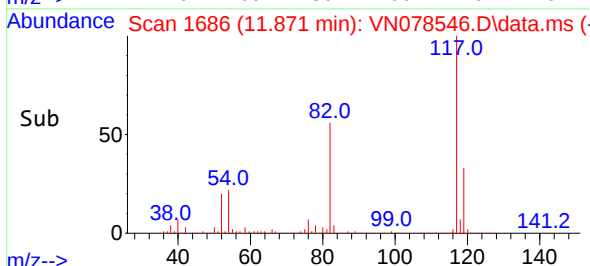
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

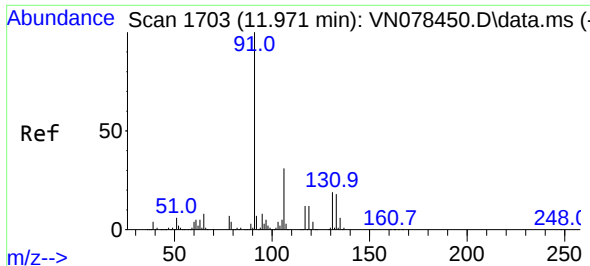


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27



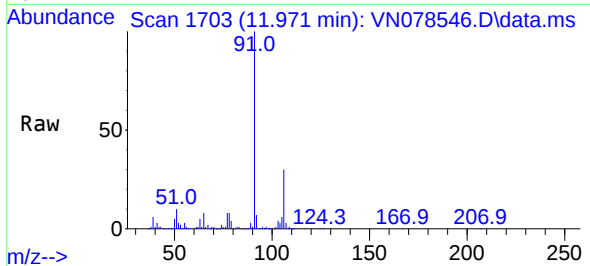
Tgt Ion:117 Resp: 756711
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 32.9 25.6 38.4





#67
Ethyl Benzene
Concen: 15.810 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

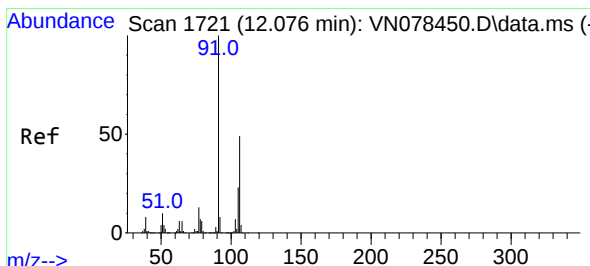
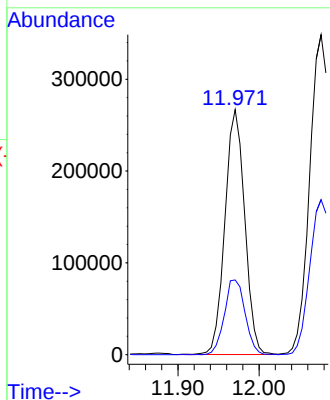
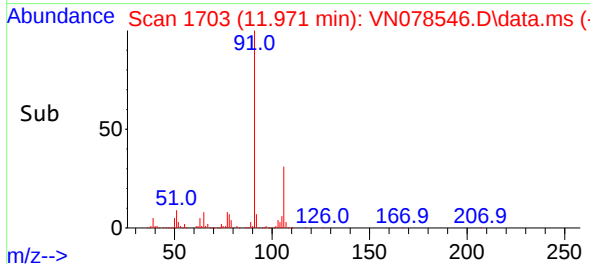
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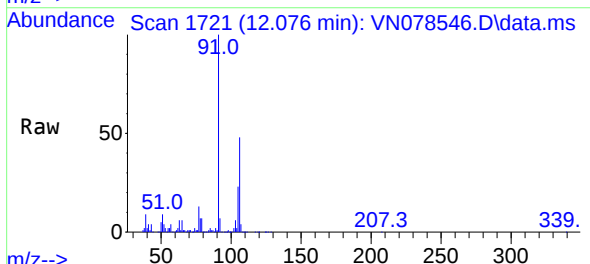
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Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

Manual Integrations
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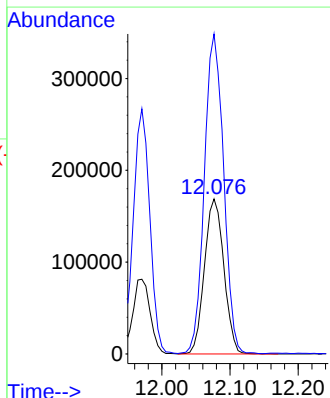
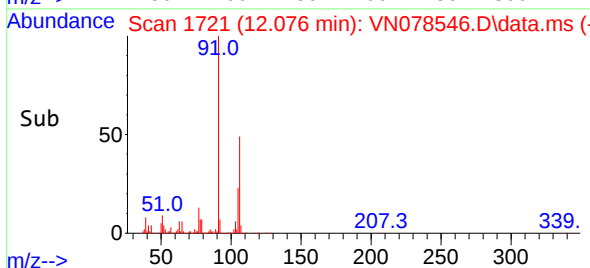
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

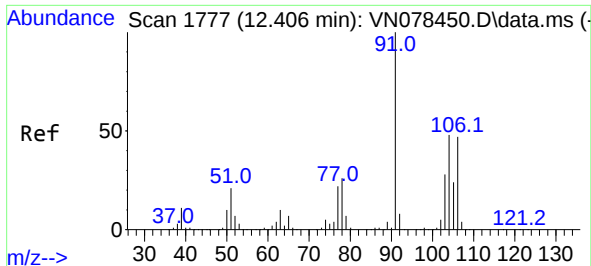


#68
m/p-Xylenes
Concen: 31.649 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27



Tgt Ion:106 Resp: 334556
Ion Ratio Lower Upper
106 100
91 204.4 159.6 239.4





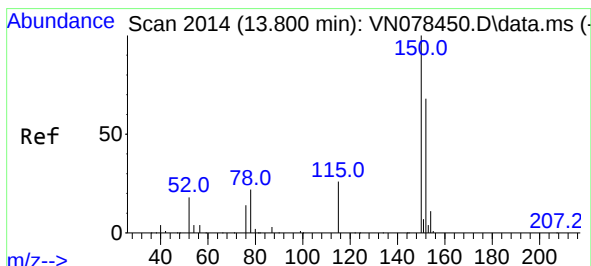
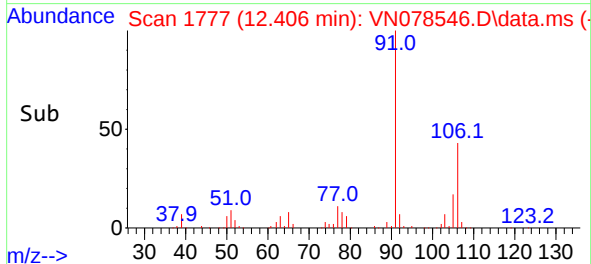
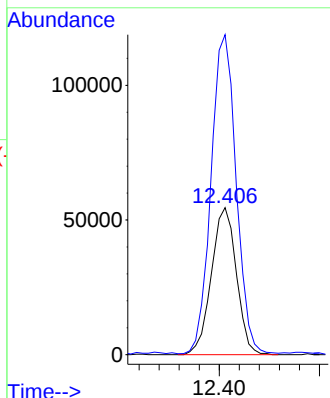
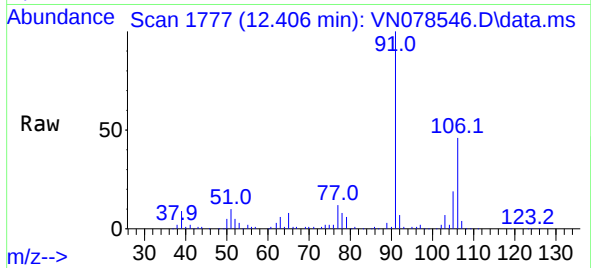
#69
o-Xylene
Concen: 8.845 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

Tgt Ion:106 Resp: 9444
Ion Ratio Lower Upper
106 100
91 217.5 105.2 315.5

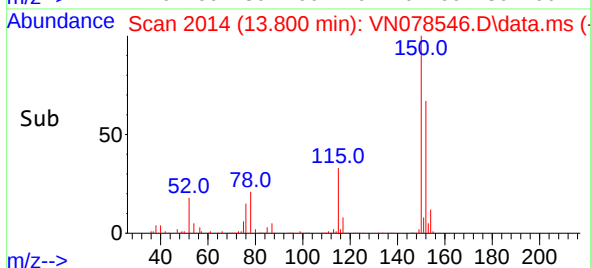
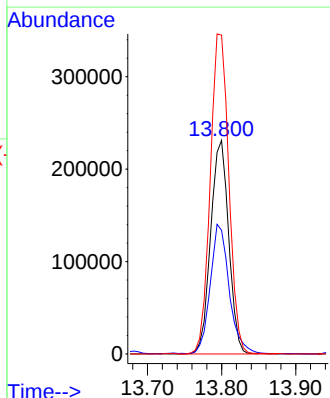
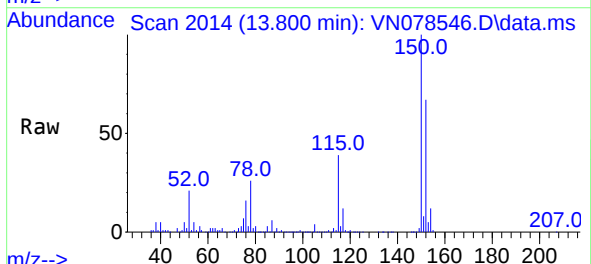
Manual Integrations
APPROVED

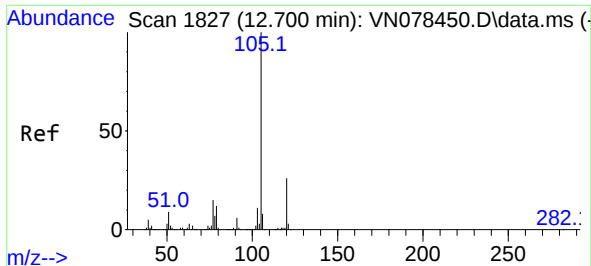
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

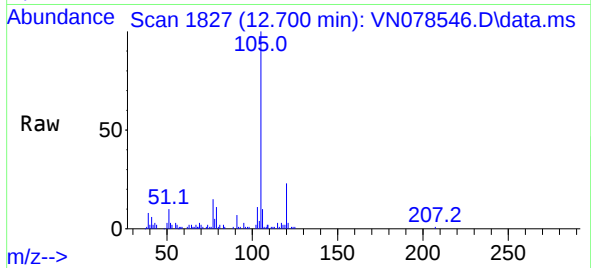
Tgt Ion:152 Resp: 390210
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 154.3 0.0 355.8





#73
Isopropylbenzene
Concen: 1.733 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

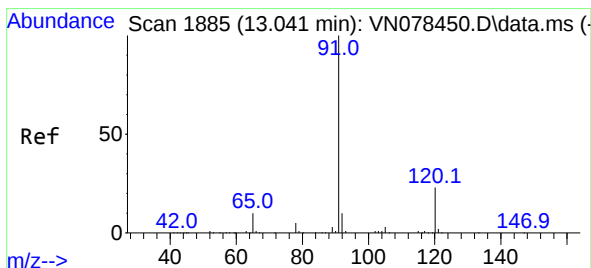
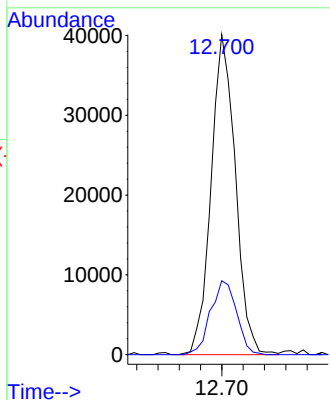
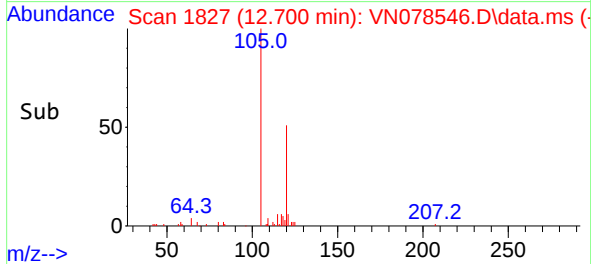
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME



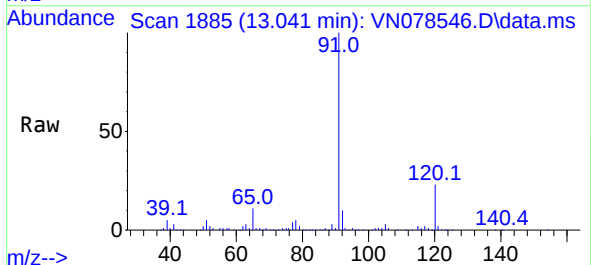
Tgt Ion:105 Resp: 63558
Ion Ratio Lower Upper
105 100
120 24.7 13.1 39.1

Manual Integrations
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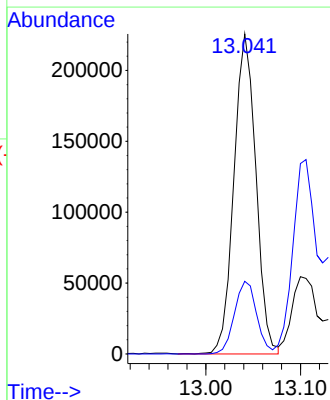
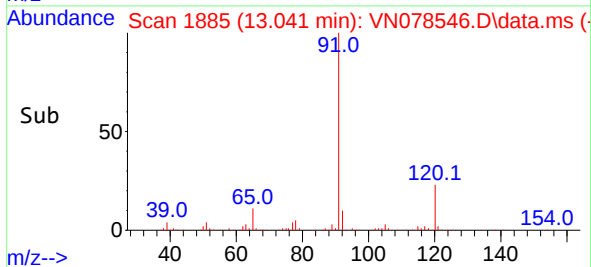
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

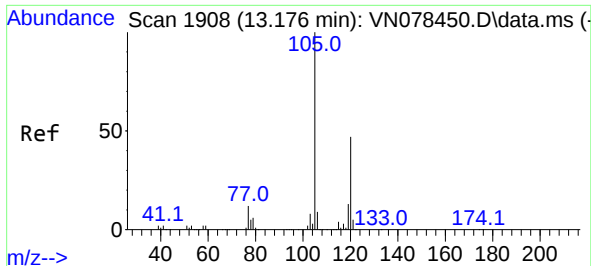


#78
n-propylbenzene
Concen: 9.273 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27



Tgt Ion: 91 Resp: 363632
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





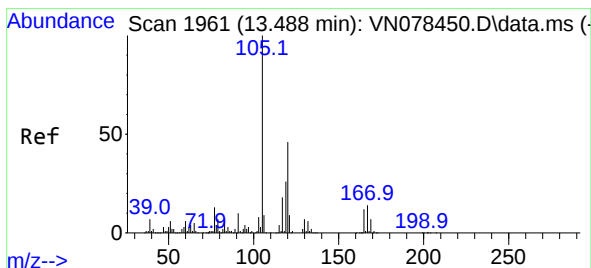
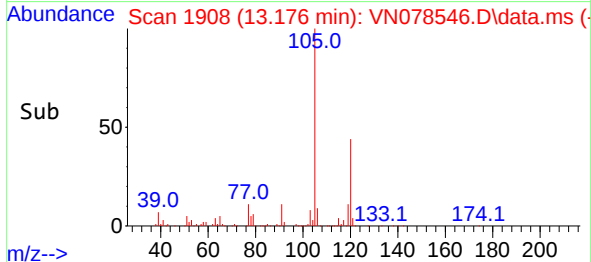
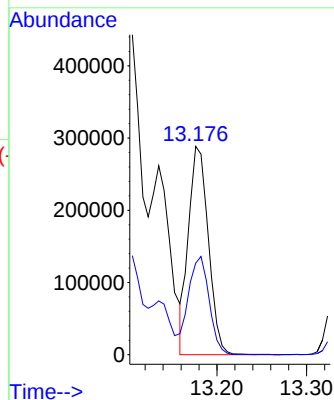
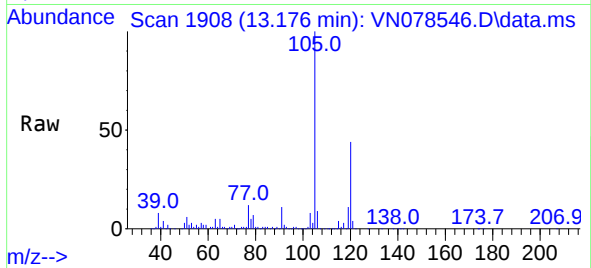
#80
1,3,5-Trimethylbenzene
Concen: 15.284 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

Tgt Ion:105 Resp: 442784
Ion Ratio Lower Upper
105 100
120 50.8 24.1 72.3

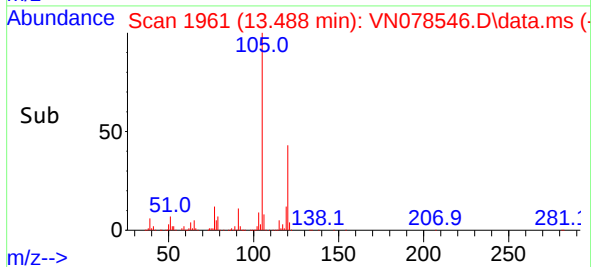
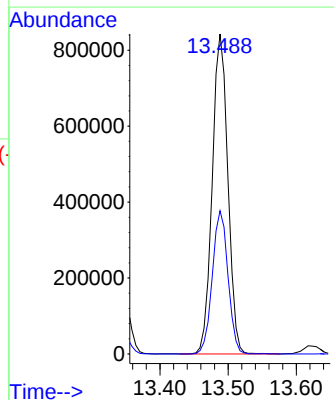
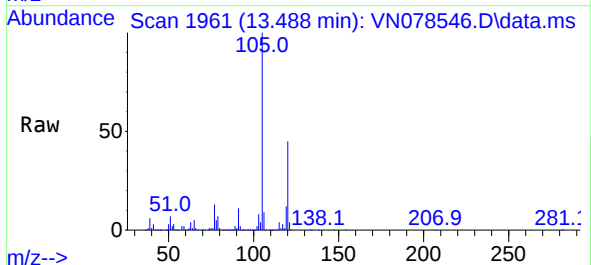
Manual Integrations
APPROVED

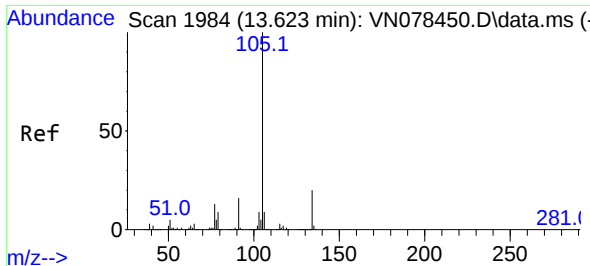
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 47.792 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

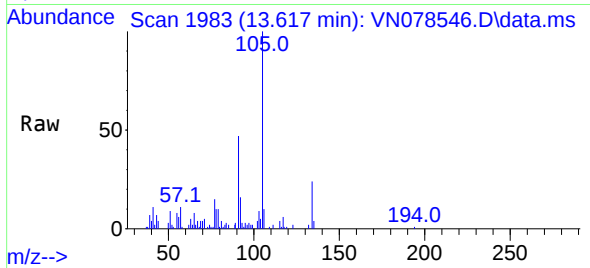
Tgt Ion:105 Resp: 1344851
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 1.215 ug/l m
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

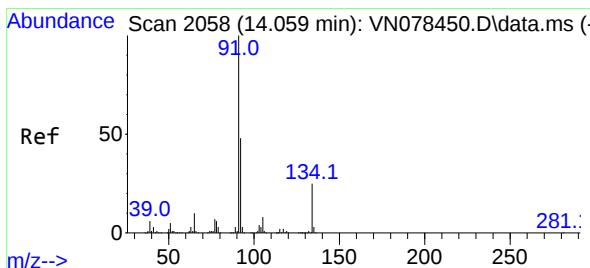
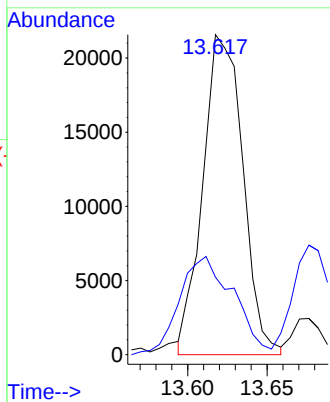
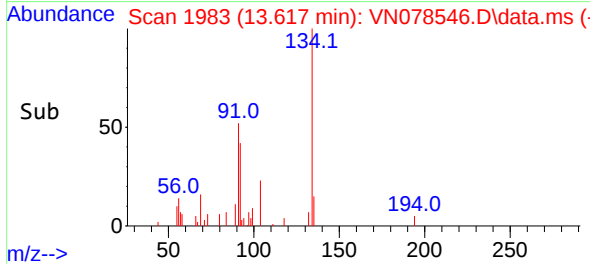
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)ME



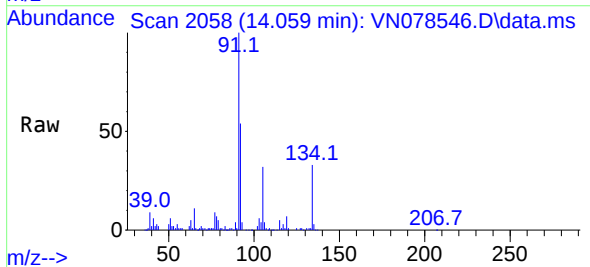
Tgt Ion:105 Resp: 3777
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3

Manual Integrations
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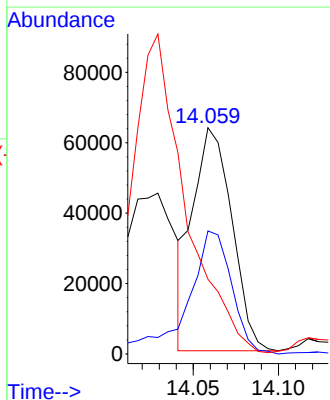
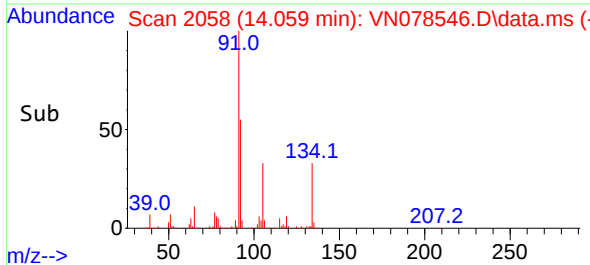
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

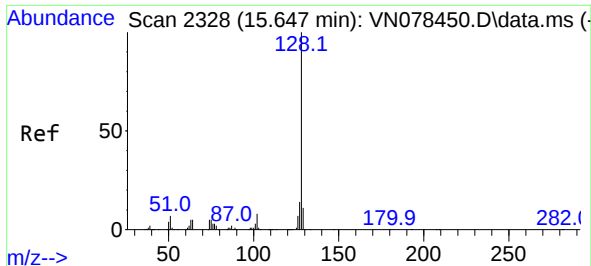


#89
 n-Butylbenzene
 Concen: 5.668 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27



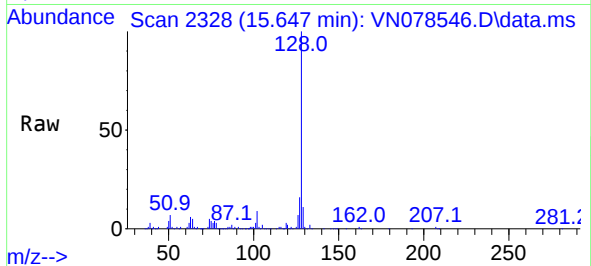
Tgt Ion: 91 Resp: 101236
 Ion Ratio Lower Upper
 91 100
 92 59.8 26.4 79.0
 134 0.0 12.6 37.6





#95
Naphthalene
Concen: 16.236 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME



Tgt Ion:128 Resp: 24815
Ion Ratio Lower Upper
128 100
127 14.5 10.0 15.0
129 11.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

