

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076068.D
 Acq On : 03 Jan 2023 17:03
 Operator : JC\MD
 Sample : N6232-03DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Quant Time: Jan 04 04:20:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2023
 Supervised By : Mahesh Dadoda 01/04/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	354663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	484329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	181049	46.923	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.840%		
35) Dibromofluoromethane	8.177	113	165660	48.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.340%		
50) Toluene-d8	10.571	98	627400	48.798	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.853	95	203992	47.903	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.800%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.536	59	6850	12.547	ug/l #	90
16) Acetone	4.454	43	29328	22.050	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	72655	7.019	ug/l	95
25) 2-Butanone	7.495	43	5242	2.815	ug/l #	86
39) Methylcyclohexane	9.606	83	1748	0.317	ug/l #	85
52) Toluene	10.630	92	12613	1.374	ug/l	99
67) Ethyl Benzene	11.965	91	81667	4.868	ug/l	100
68) m/p-Xylenes	12.077	106	52047	7.838	ug/l	98
69) o-Xylene	12.400	106	50499	7.685	ug/l	100
73) Isopropylbenzene	12.700	105	11692	0.785	ug/l	98
78) n-propylbenzene	13.041	91	28892	1.759	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	6279	0.504	ug/l	85
84) 1,2,4-Trimethylbenzene	13.488	105	143251	11.584	ug/l	99
85) sec-Butylbenzene	13.618	105	3900m	0.257	ug/l	
89) n-Butylbenzene	14.059	91	4042m	0.395	ug/l	
95) Naphthalene	15.641	128	24622	4.277	ug/l	99

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

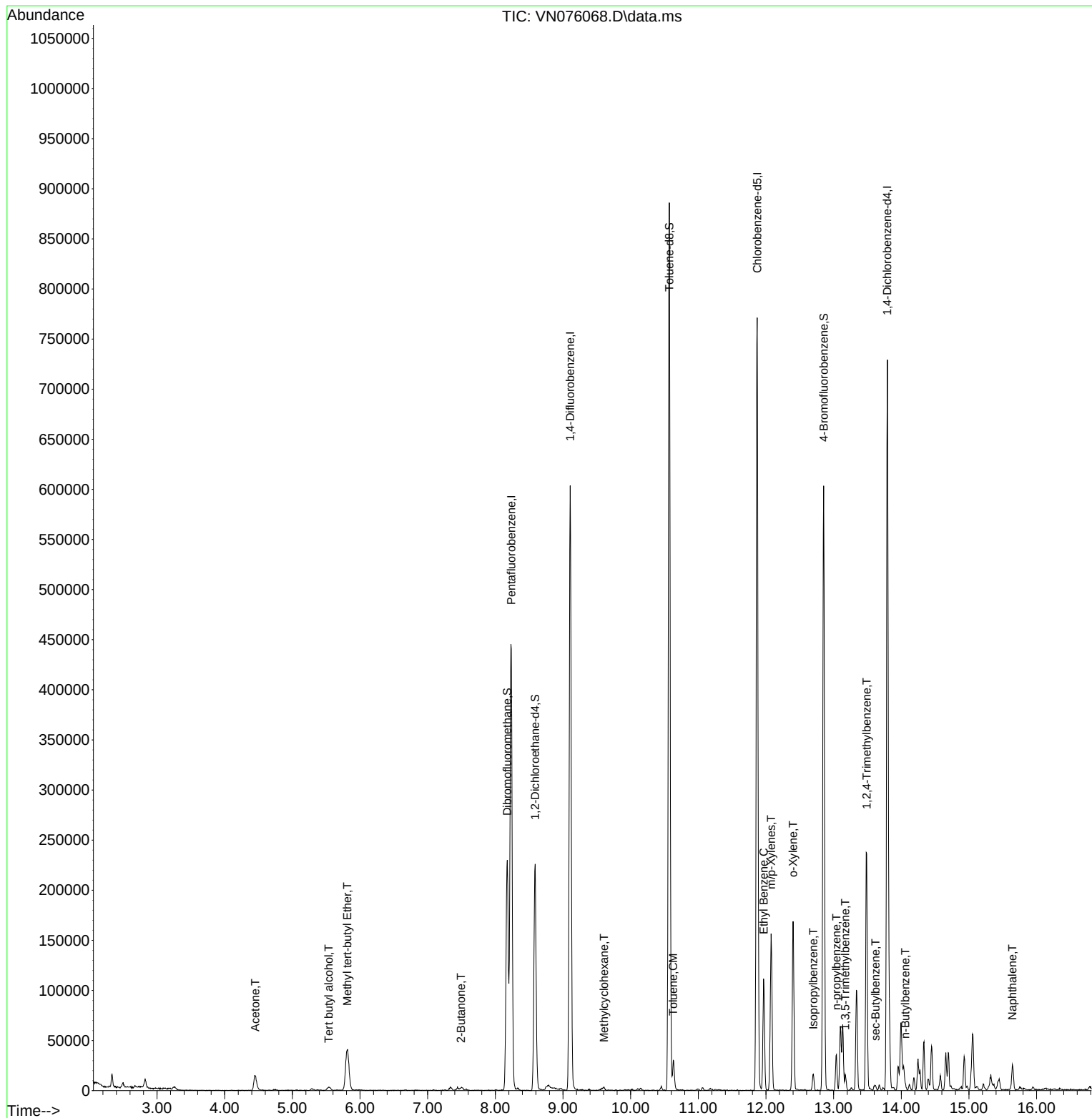
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
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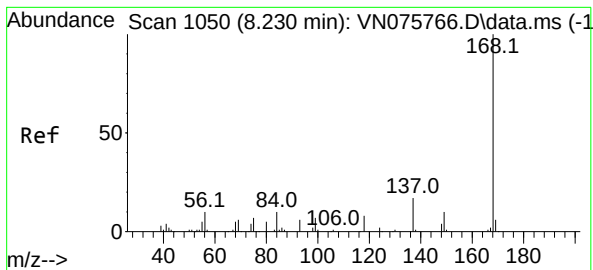
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

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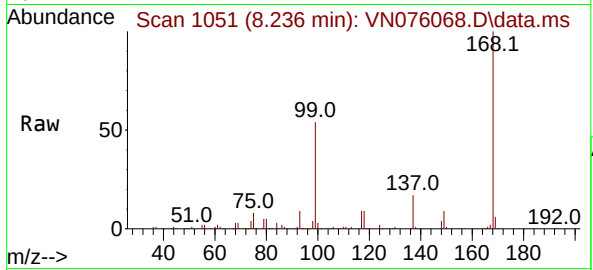
Quant Time: Jan 04 04:20:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

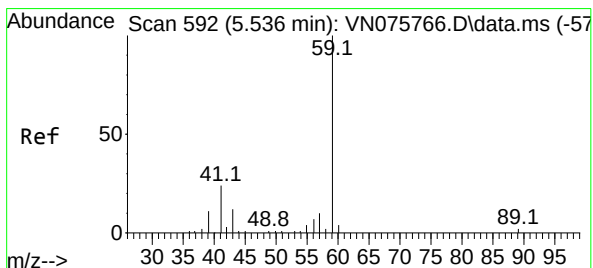
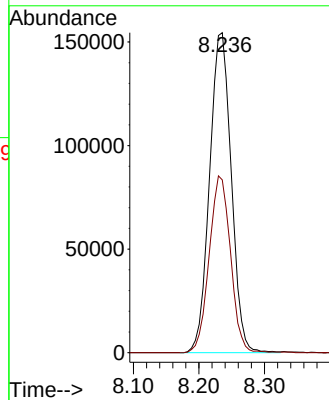
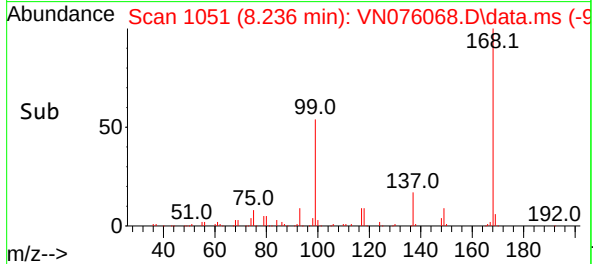
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



Tgt Ion:168 Resp: 35466
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4

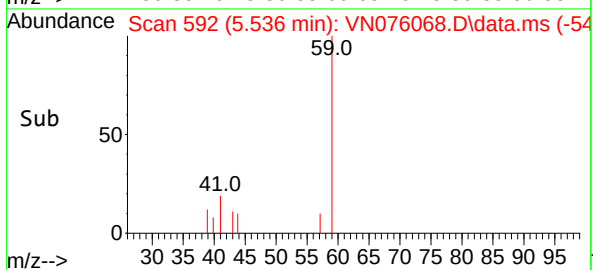
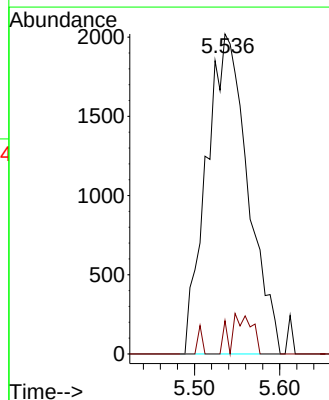
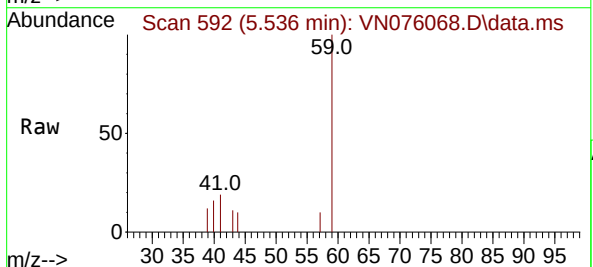
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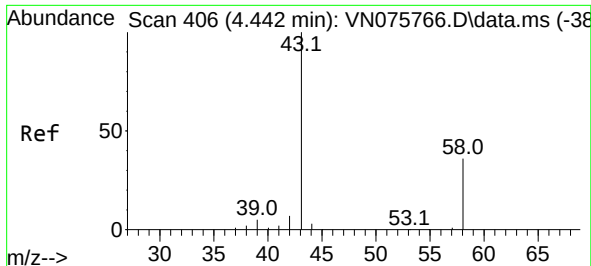
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#11
Tert butyl alcohol
Concen: 12.547 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Tgt Ion: 59 Resp: 6850
Ion Ratio Lower Upper
59 100
57 6.4 8.2 12.4#





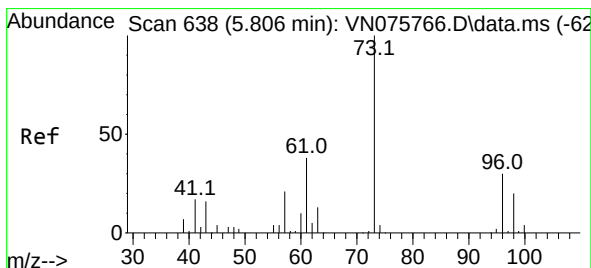
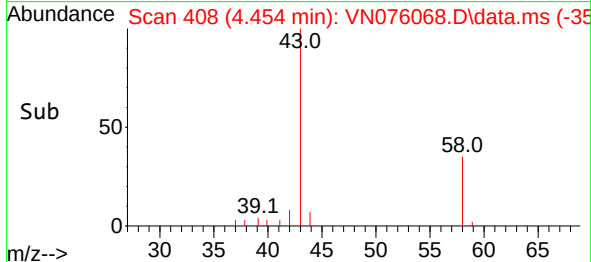
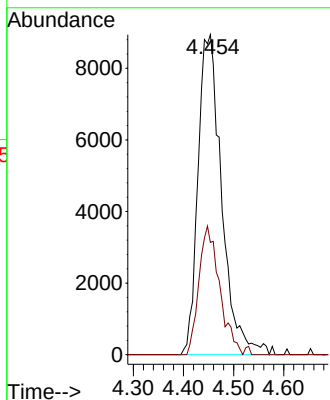
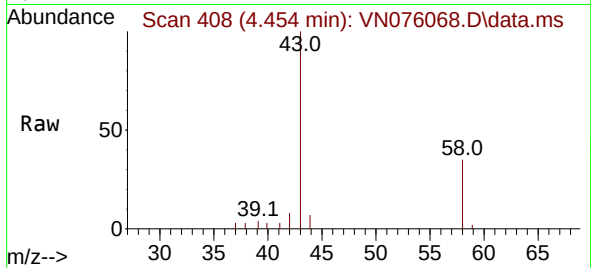
#16
Acetone
Concen: 22.050 ug/l
RT: 4.454 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tgt Ion: 43 Resp: 29328
Ion Ratio Lower Upper
43 100
58 35.1 28.6 43.0

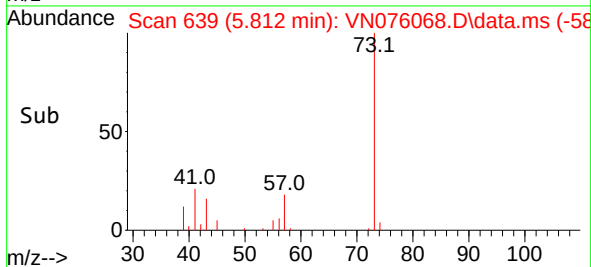
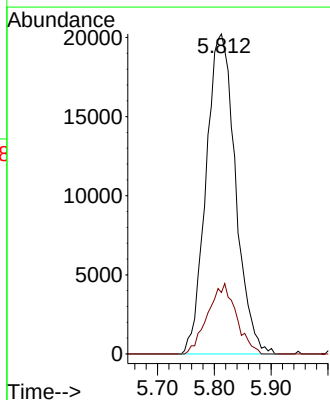
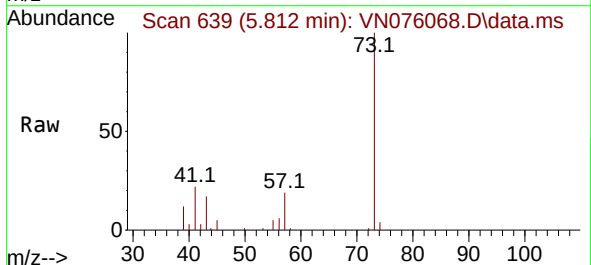
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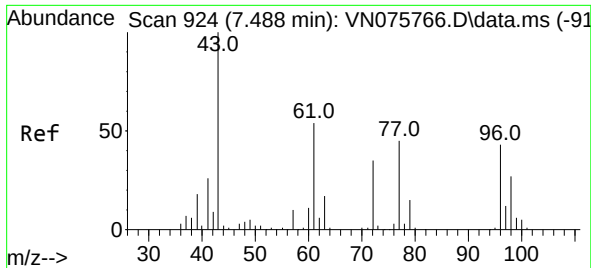
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#19
Methyl tert-butyl Ether
Concen: 7.019 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

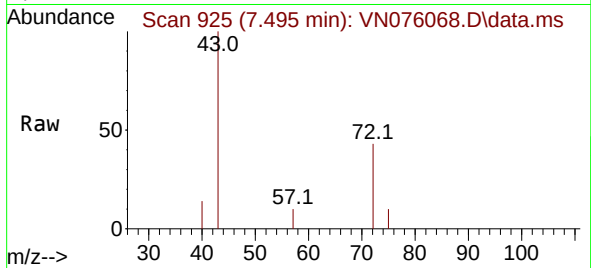
Tgt Ion: 73 Resp: 72655
Ion Ratio Lower Upper
73 100
57 19.2 17.1 25.7





#25
2-Butanone
Concen: 2.815 ug/l
RT: 7.495 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

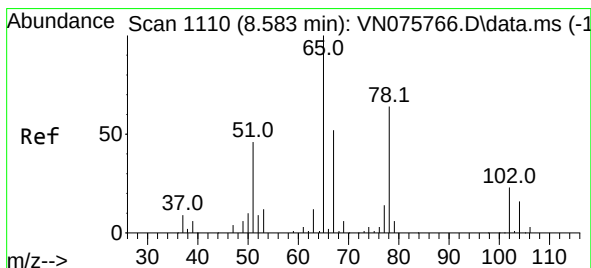
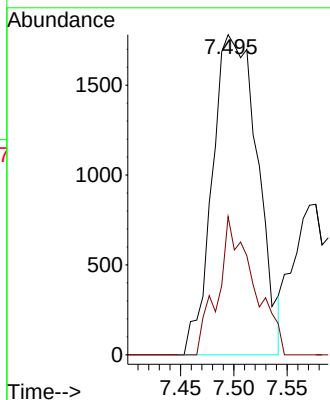
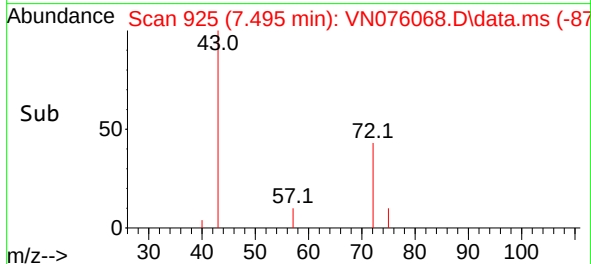
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



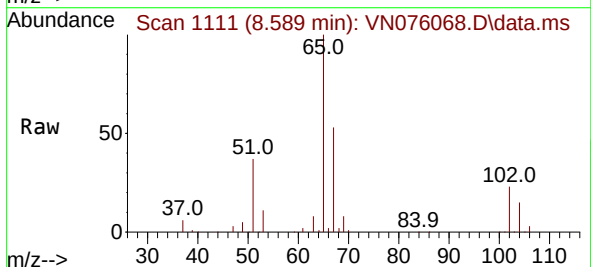
Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
72 43.2 28.0 42.0

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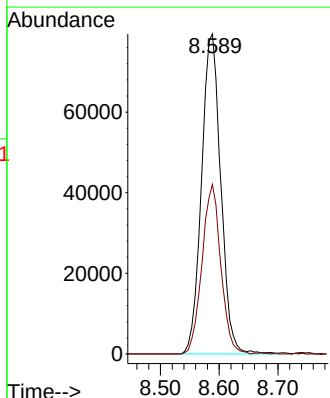
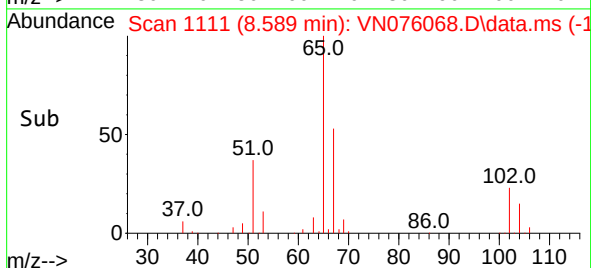
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

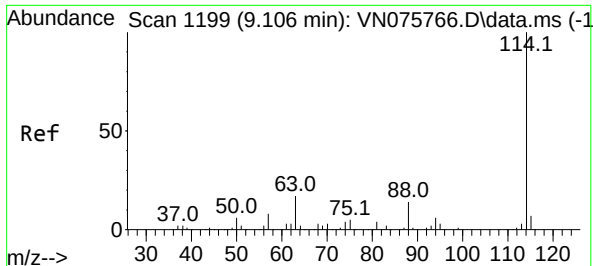


#33
1,2-Dichloroethane-d4
Concen: 46.923 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03



Tgt Ion: 65 Resp: 181049
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076068.D

Acq: 03 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

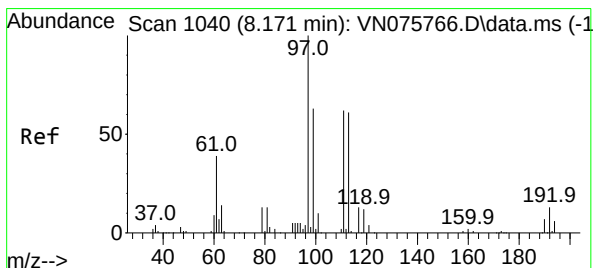
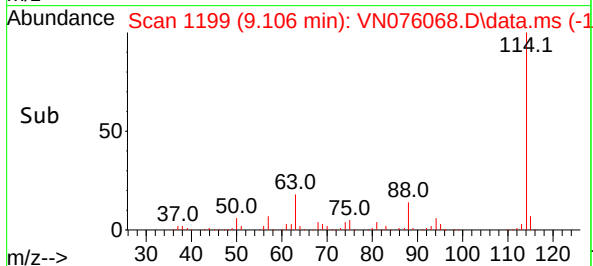
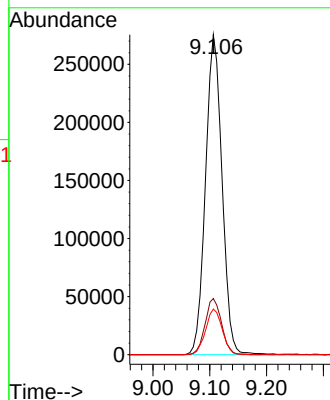
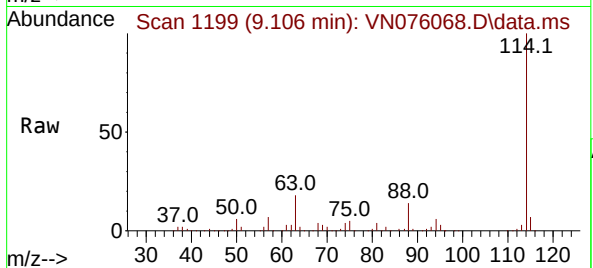
Tgt Ion:	114	Resp:	55527
Ion Ratio	Lower	Upper	
114	100		
63	17.5	0.0	34.4
88	14.3	0.0	28.8

Manual Integrations

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Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#35

Dibromofluoromethane

Concen: 48.174 ug/l

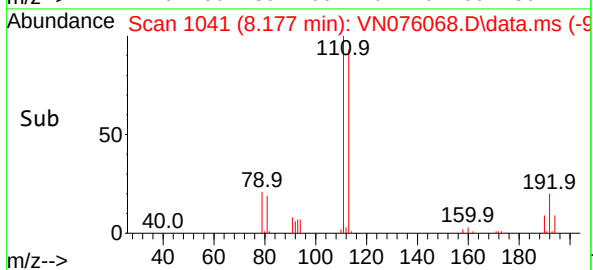
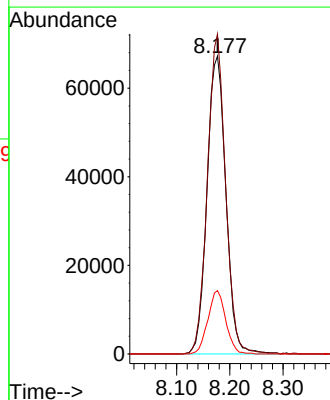
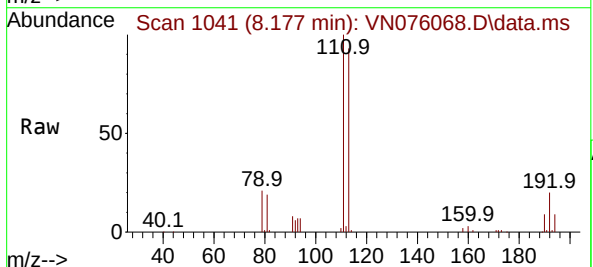
RT: 8.177 min Scan# 1041

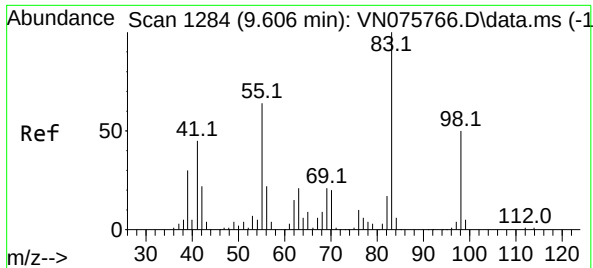
Delta R.T. 0.006 min

Lab File: VN076068.D

Acq: 03 Jan 2023 17:03

Tgt Ion:	113	Resp:	165660
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.4	125.2
192	20.1	16.1	24.1





#39

Methylcyclohexane

Concen: 0.317 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN076068.D

Acq: 03 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

Tgt Ion: 83 Resp: 1748

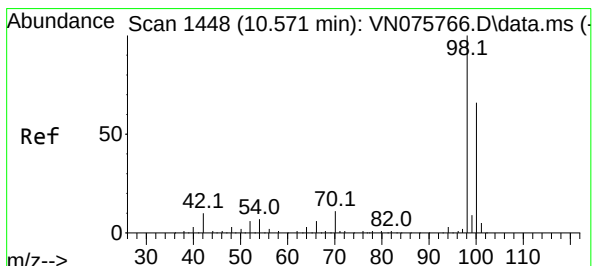
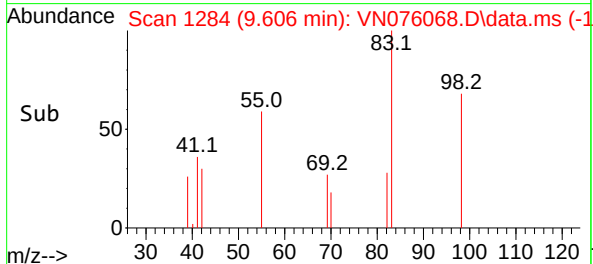
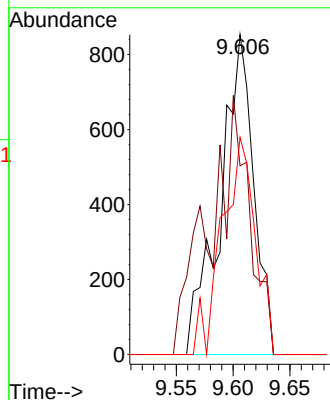
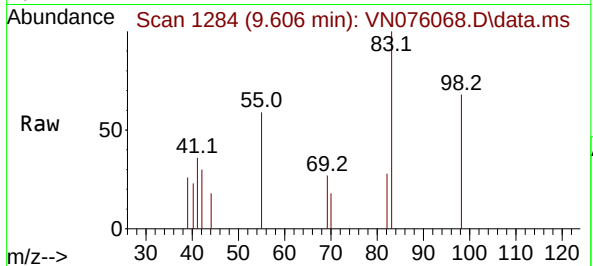
Ion	Ratio	Lower	Upper
83	100		
55	59.0	51.4	77.0
98	67.9	39.8	59.8

Manual Integrations

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Supervised By :Mahesh Dadoda 01/04/2023



#50

Toluene-d8

Concen: 48.798 ug/l

RT: 10.571 min Scan# 1448

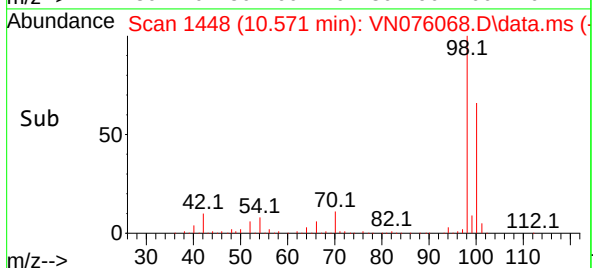
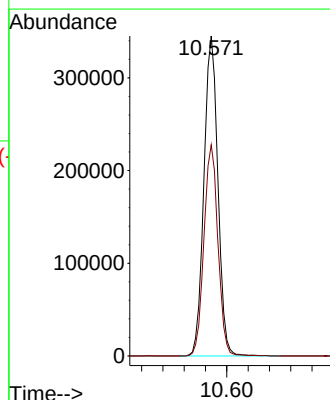
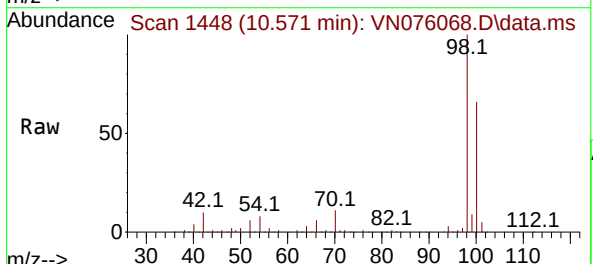
Delta R.T. 0.000 min

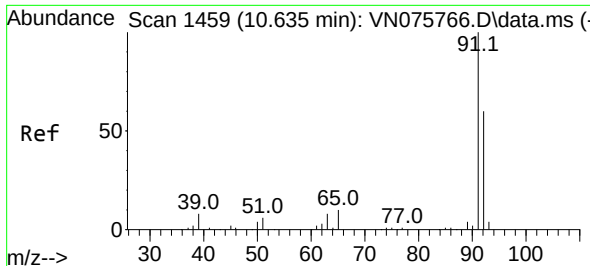
Lab File: VN076068.D

Acq: 03 Jan 2023 17:03

Tgt Ion: 98 Resp: 627400

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.1	78.1





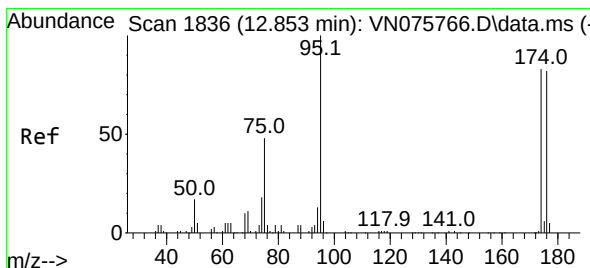
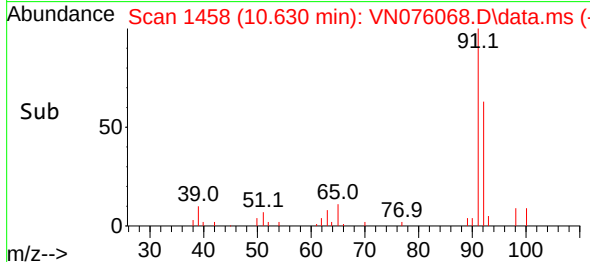
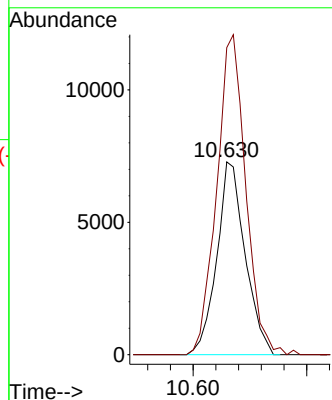
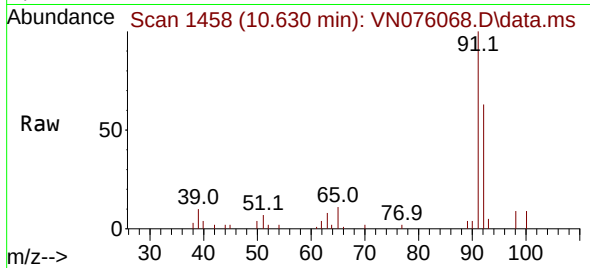
#52
Toluene
Concen: 1.374 ug/l
RT: 10.630 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tgt Ion: 92 Resp: 1261
Ion Ratio Lower Upper
92 100
91 170.2 137.3 205.9

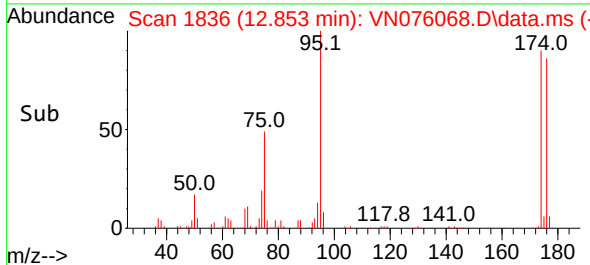
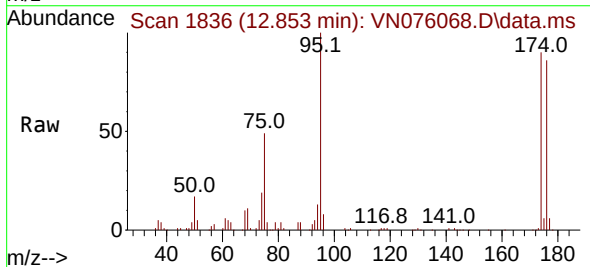
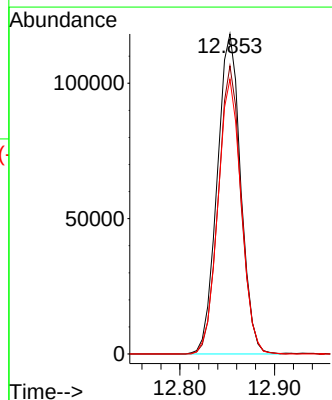
Manual Integrations
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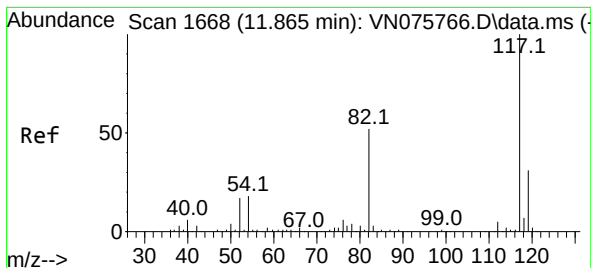
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#62
4-Bromofluorobenzene
Concen: 47.903 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

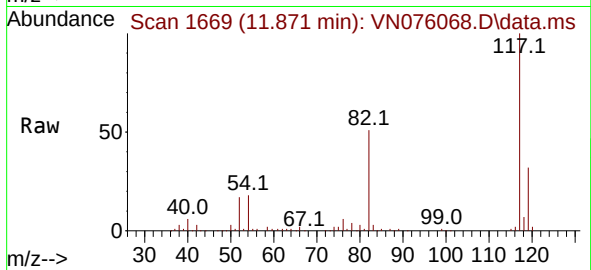
Tgt Ion: 95 Resp: 203992
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 85.1 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

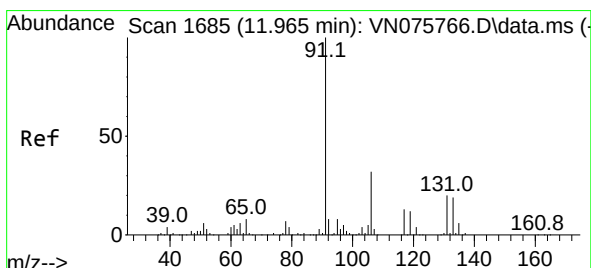
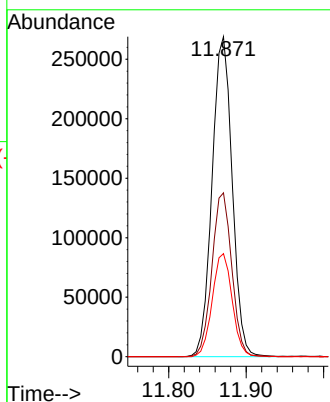
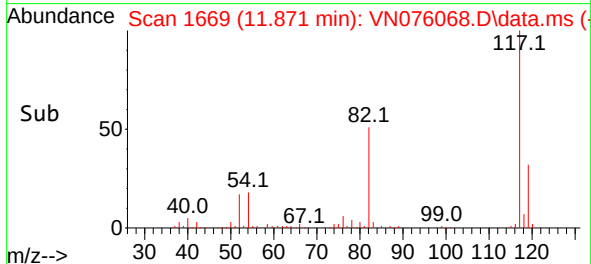
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



Tgt Ion:117 Resp: 484329
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 32.2 24.6 37.0

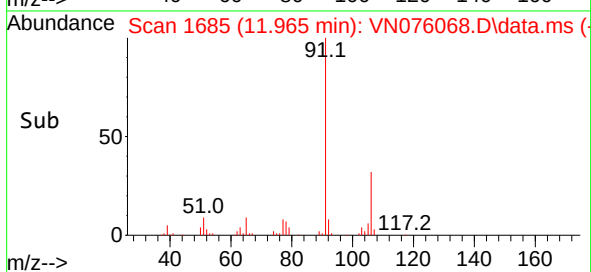
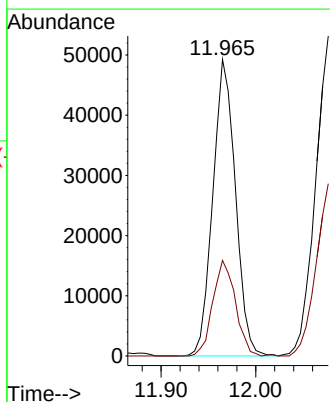
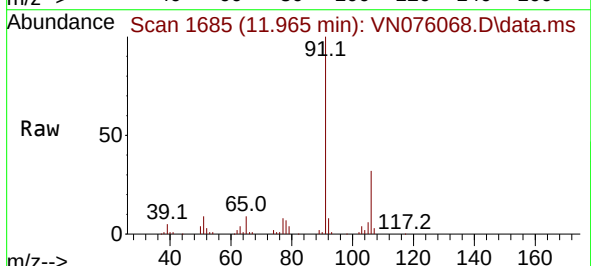
Manual Integrations
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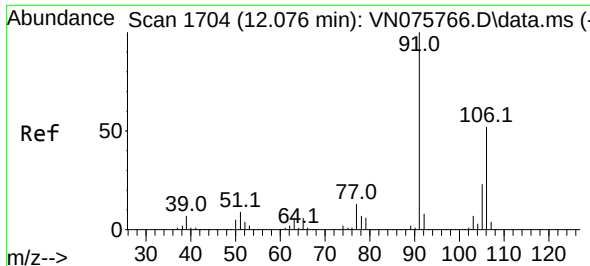
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#67
Ethyl Benzene
Concen: 4.868 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Tgt Ion: 91 Resp: 81667
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5





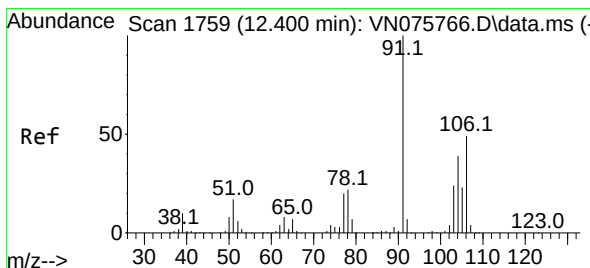
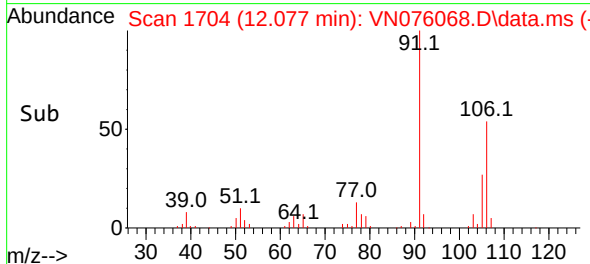
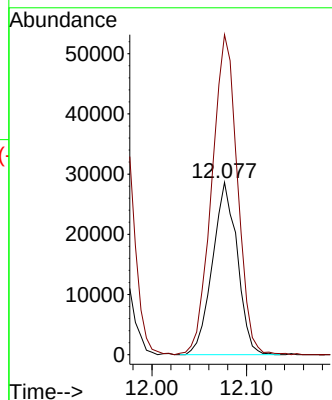
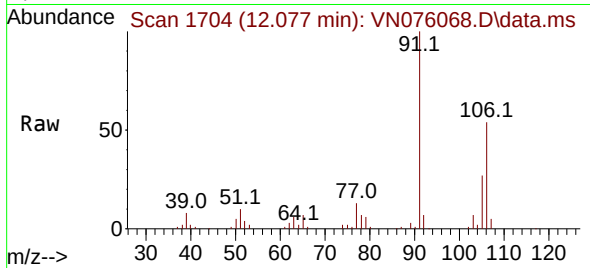
#68
m/p-Xylenes
Concen: 7.838 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tgt Ion:106 Resp: 5204
Ion Ratio Lower Upper
106 100
91 192.3 156.6 235.0

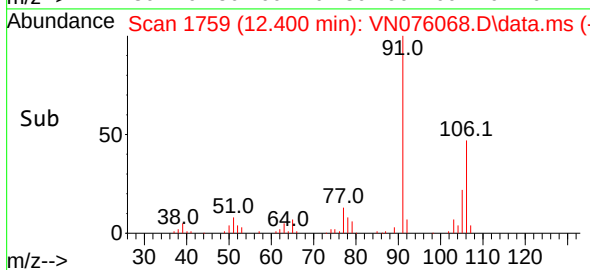
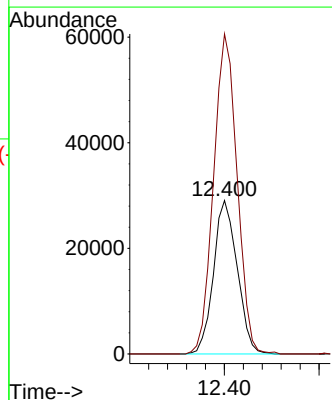
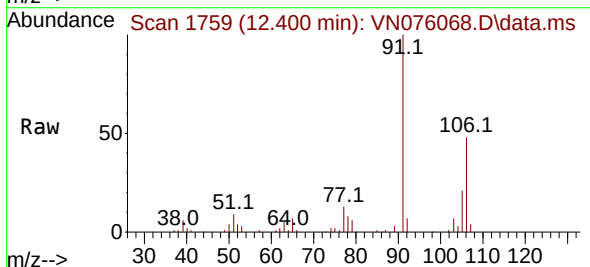
Manual Integrations
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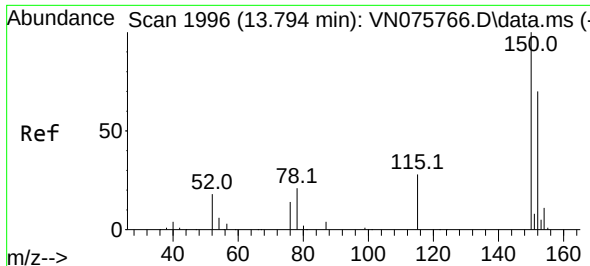
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#69
o-Xylene
Concen: 7.685 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

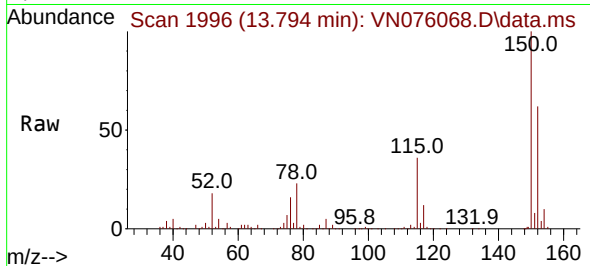
Tgt Ion:106 Resp: 50499
Ion Ratio Lower Upper
106 100
91 207.1 103.8 311.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

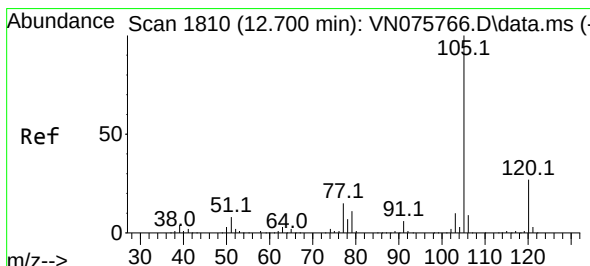
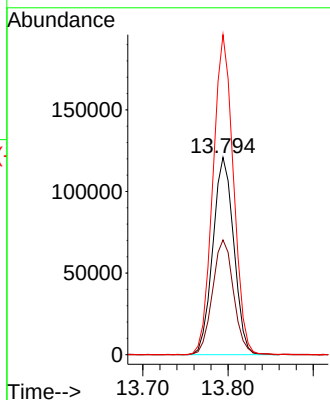
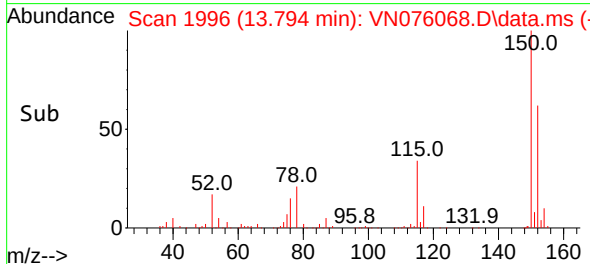
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL



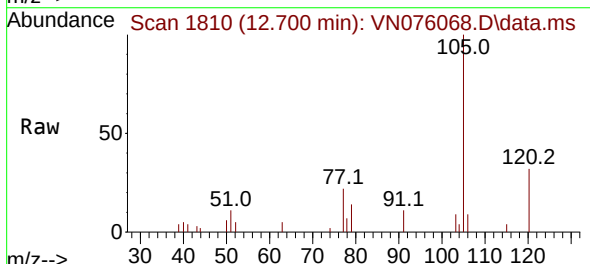
Tgt Ion:152 Resp: 206109
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 158.8 0.0 347.0

Manual Integrations
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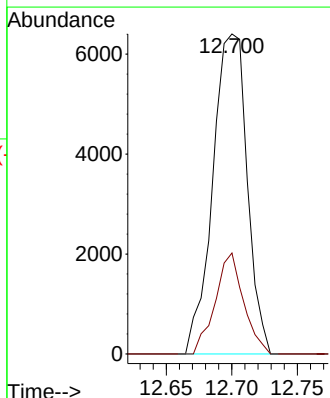
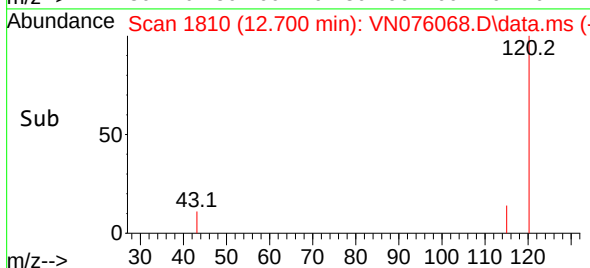
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

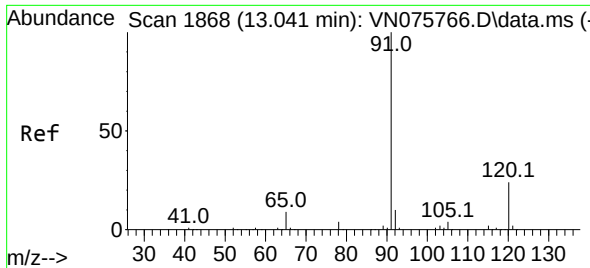


#73
Isopropylbenzene
Concen: 0.785 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03



Tgt Ion:105 Resp: 11692
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2





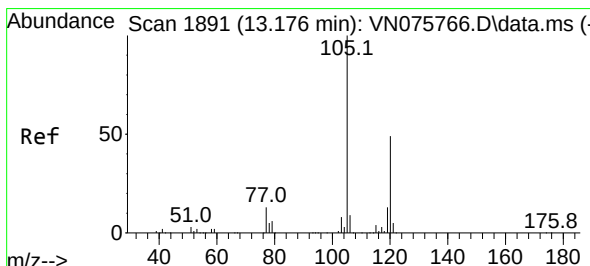
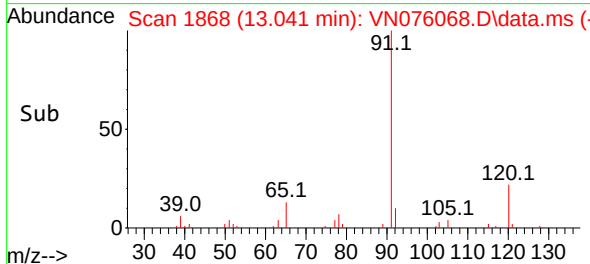
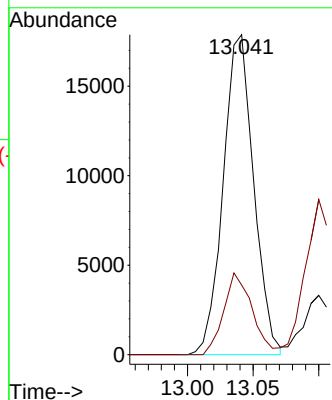
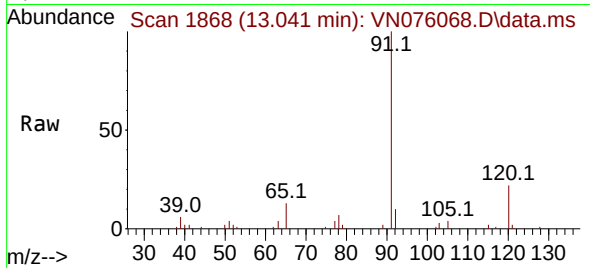
#78
n-propylbenzene
Concen: 1.759 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tgt Ion: 91 Resp: 2889
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1

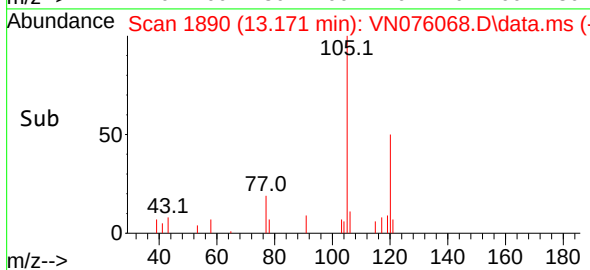
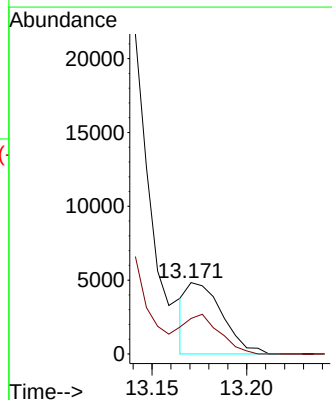
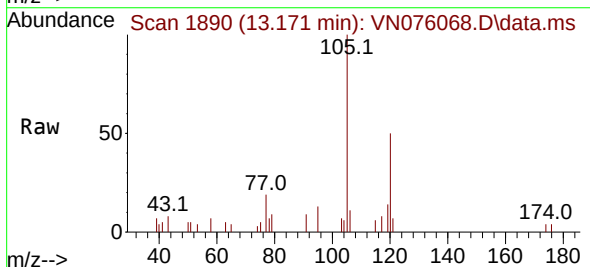
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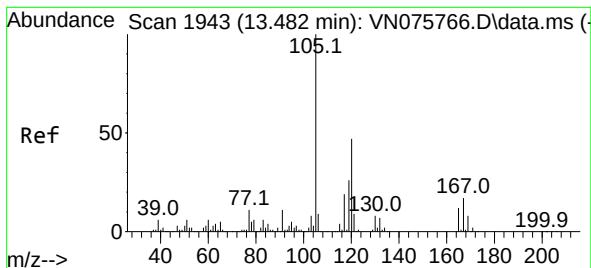
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.504 ug/l
RT: 13.171 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Tgt Ion:105 Resp: 6279
Ion Ratio Lower Upper
105 100
120 59.6 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 11.584 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN076068.D

Acq: 03 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

Tgt Ion:105 Resp: 14325

Ion Ratio Lower Upper

105 100

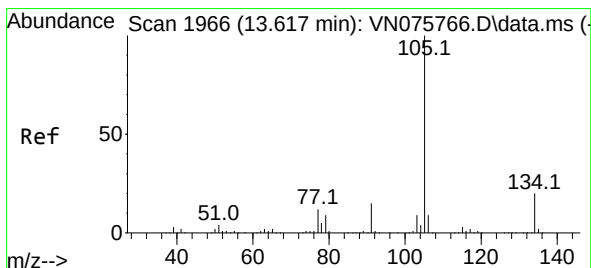
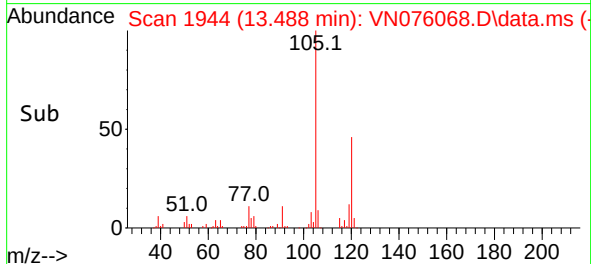
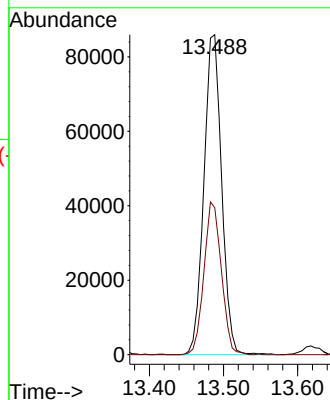
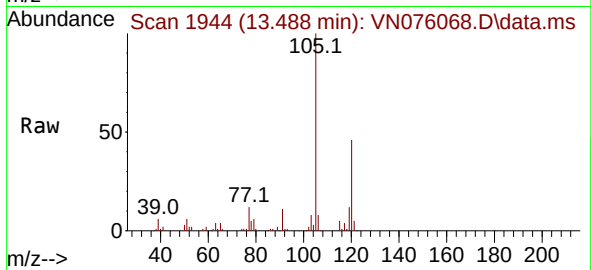
120 46.9 23.3 69.8

Manual Integrations

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Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#85

sec-Butylbenzene

Concen: 0.257 ug/l m

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076068.D

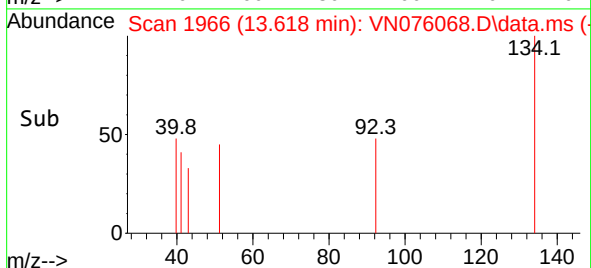
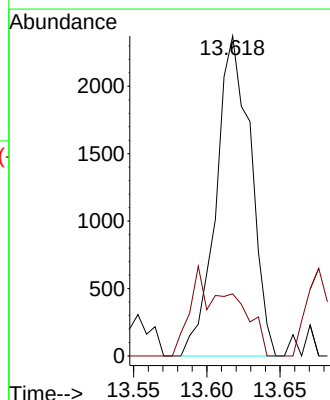
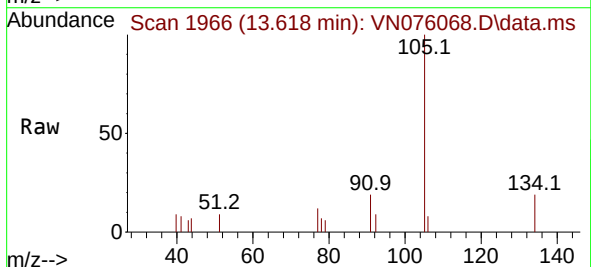
Acq: 03 Jan 2023 17:03

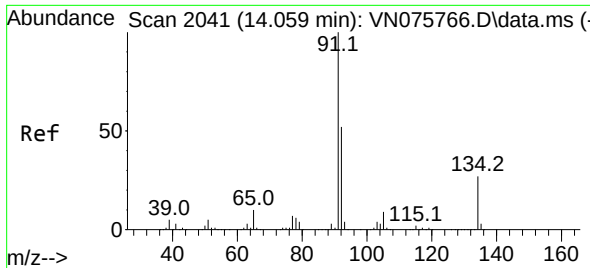
Tgt Ion:105 Resp: 3900

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#





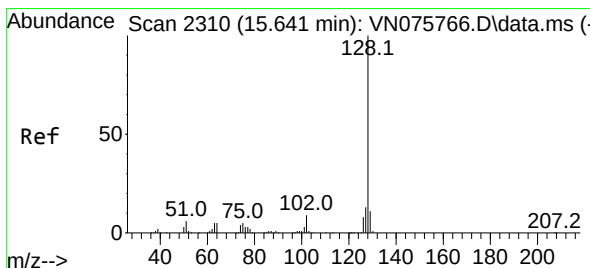
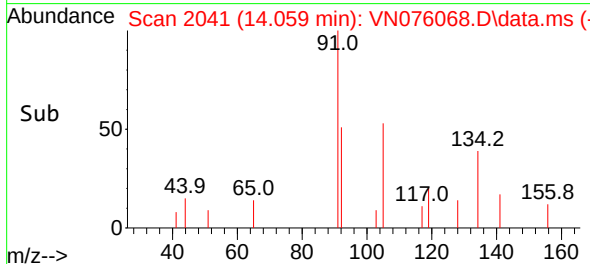
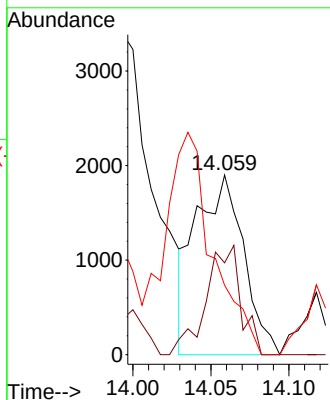
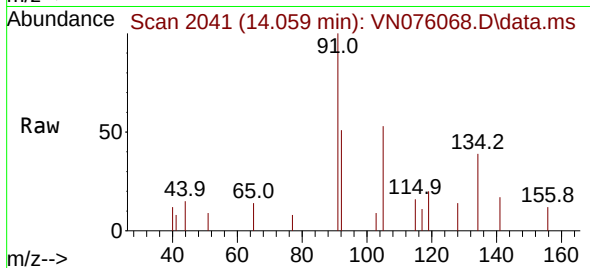
#89
n-Butylbenzene
Concen: 0.395 ug/l m
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

Tgt Ion: 91 Resp: 4042
Ion Ratio Lower Upper
91 100
92 44.2 26.4 79.2
134 0.0 13.4 40.2

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Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#95
Naphthalene
Concen: 4.277 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN076068.D
Acq: 03 Jan 2023 17:03

Tgt Ion:128 Resp: 24622
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.5 8.7 13.1

