

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081421.D
 Acq On : 14 Mar 2024 19:41
 Operator : JC\MD
 Sample : P1769-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:18:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	313939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	575756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	517382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	241024	53.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	8.171	113	181085	51.336	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	10.571	98	691172	52.415	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.853	95	233985	50.205	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.400%			
Target Compounds						
8) Diethyl Ether	3.971	74	1893m	0.775	ug/l	
16) Acetone	4.447	43	6150	3.824	ug/l #	88
27) cis-1,2-Dichloroethene	7.494	96	5628	1.203	ug/l	70
40) Benzene	8.606	78	9365	0.551	ug/l	96
44) Trichloroethene	9.353	130	1587	0.370	ug/l	97
52) Toluene	10.635	92	1792983	174.733	ug/l	99
65) Chlorobenzene	11.894	112	39856	3.656	ug/l	99
67) Ethyl Benzene	11.965	91	118436	6.031	ug/l	99
68) m/p-Xylenes	12.070	106	158663	21.467	ug/l	96
69) o-Xylene	12.400	106	64110	8.950	ug/l	99
73) Isopropylbenzene	12.700	105	6838	0.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	3733	0.254	ug/l	100
85) sec-Butylbenzene	13.617	105	16107	0.897	ug/l	88

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

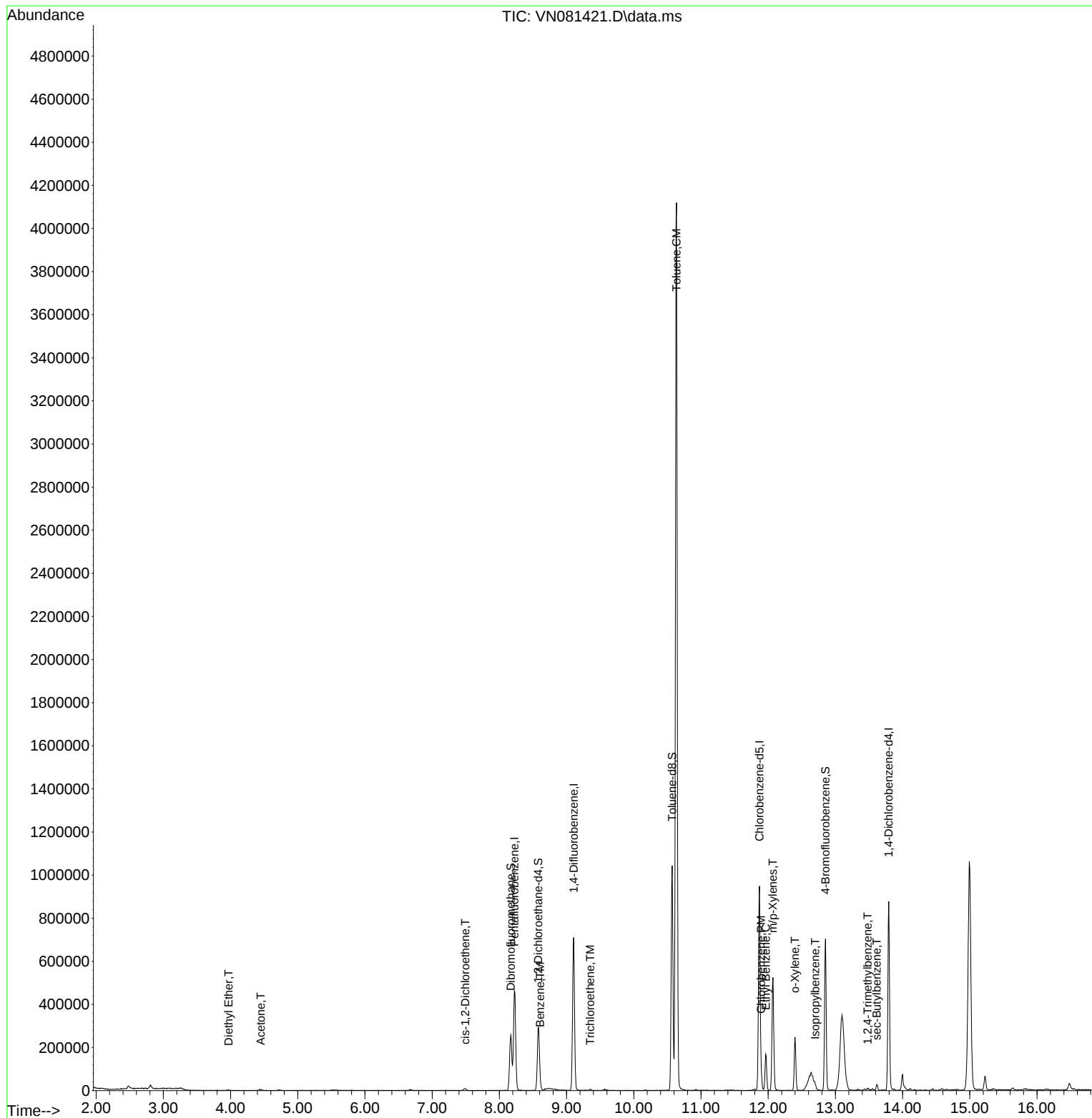
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Data File : VN081421.D
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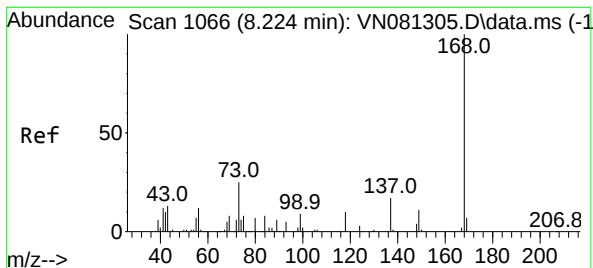
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Quant Time: Mar 15 01:18:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
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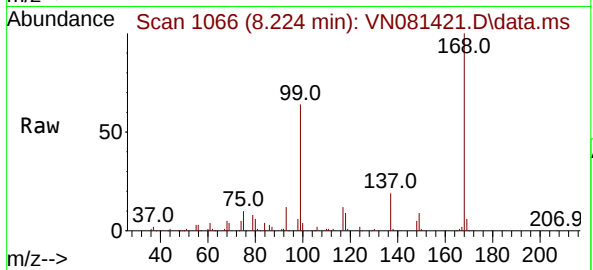
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

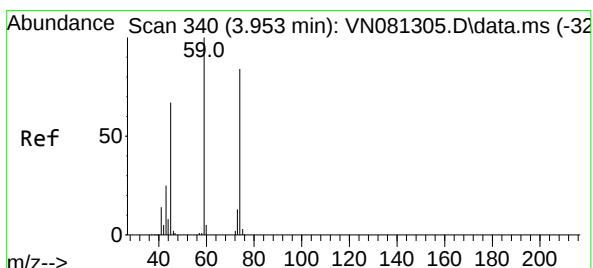
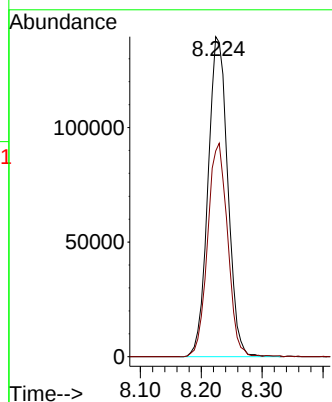
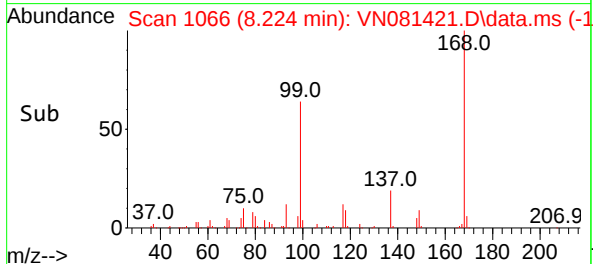
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion:168 Resp: 313939
Ion Ratio Lower Upper
168 100
99 64.3 59.9 89.9

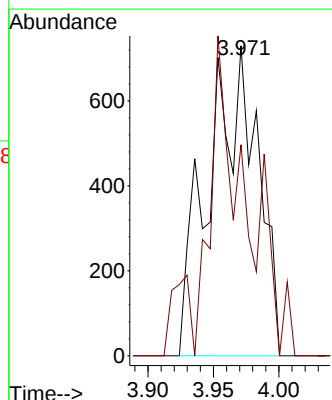
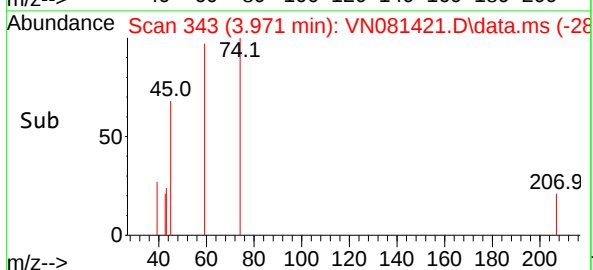
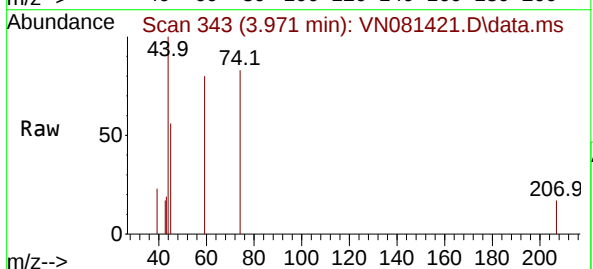
Manual Integrations
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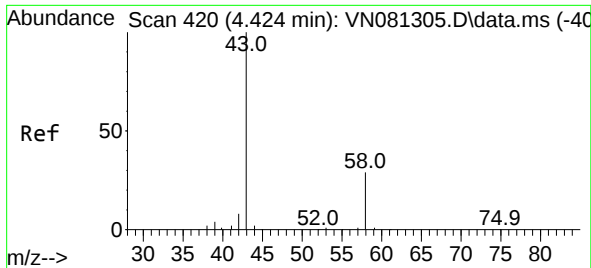
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#8
Diethyl Ether
Concen: 0.775 ug/l m
RT: 3.971 min Scan# 343
Delta R.T. 0.018 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Tgt Ion: 74 Resp: 1893
Ion Ratio Lower Upper
74 100
45 57.5 53.3 159.9





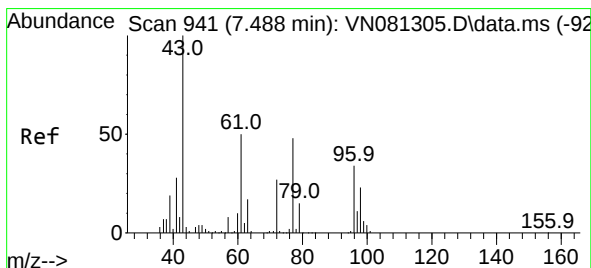
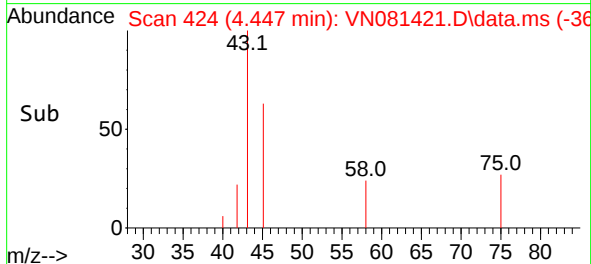
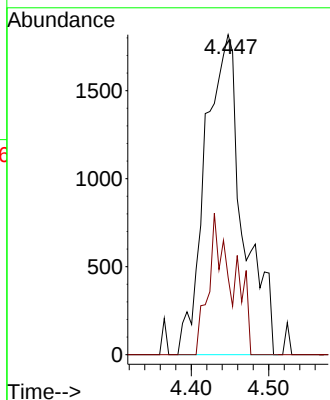
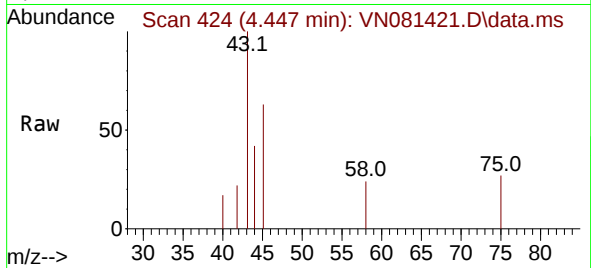
#16
Acetone
Concen: 3.824 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 43 Resp: 6150
Ion Ratio Lower Upper
43 100
58 24.2 24.8 37.2

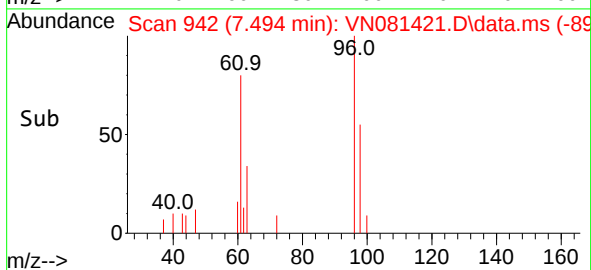
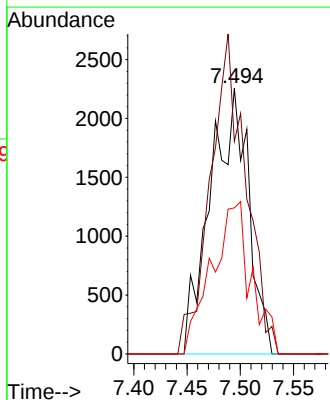
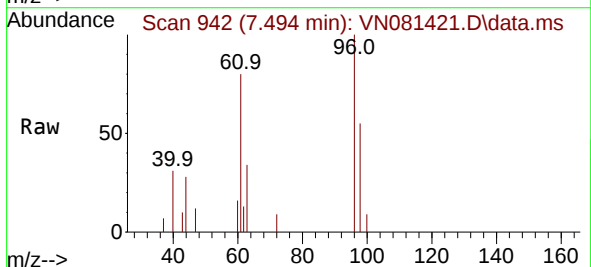
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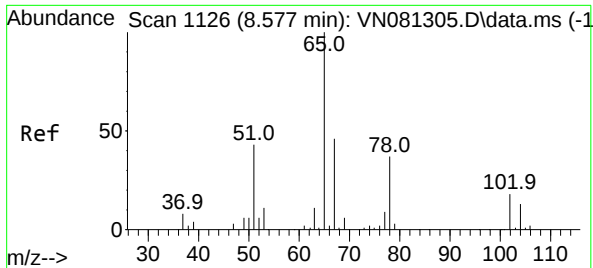
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#27
cis-1,2-Dichloroethene
Concen: 1.203 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

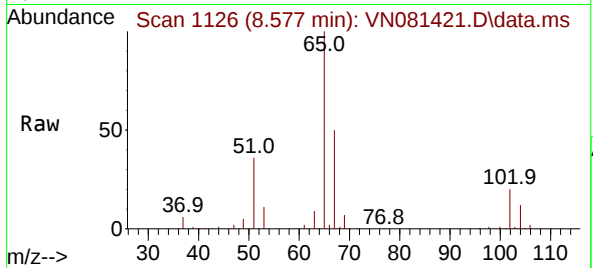
Tgt Ion: 96 Resp: 5628
Ion Ratio Lower Upper
96 100
61 111.4 0.0 325.4
98 58.8 0.0 130.4





#33
1,2-Dichloroethane-d4
Concen: 53.098 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

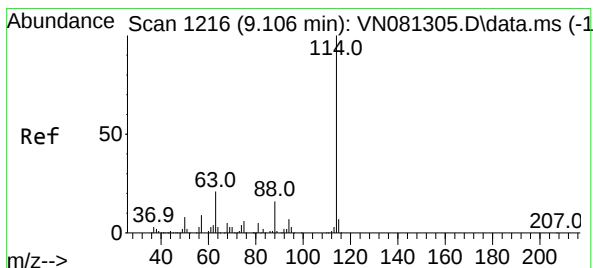
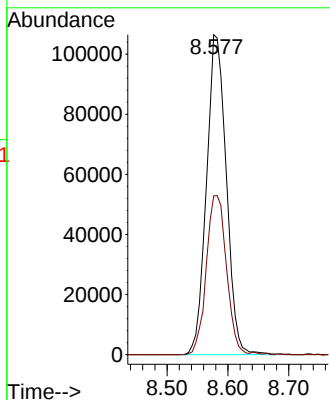
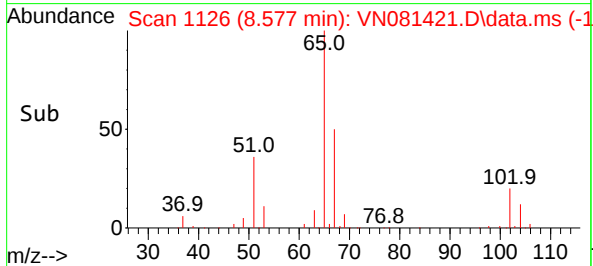
Instrument :
MSVOA_N
ClientSampleId :
MW-1



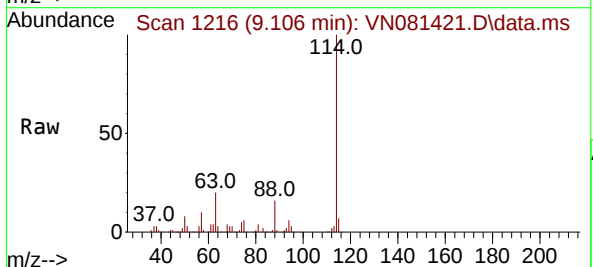
Tgt Ion: 65 Resp: 241024
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.4

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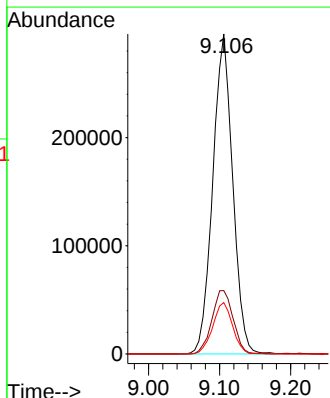
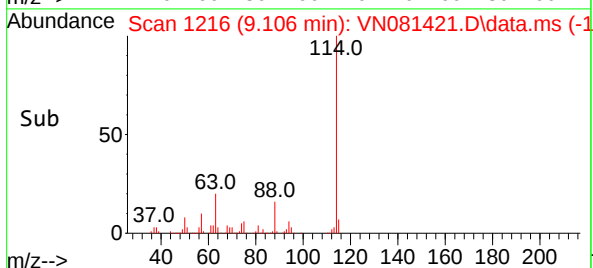
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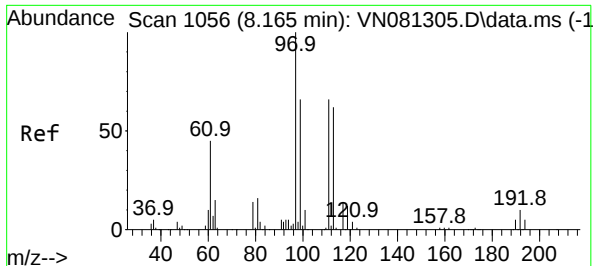


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41



Tgt Ion:114 Resp: 575756
Ion Ratio Lower Upper
114 100
63 19.8 0.0 48.0
88 16.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.336 ug/l

RT: 8.171 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VN081421.D

Acq: 14 Mar 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

MW-1

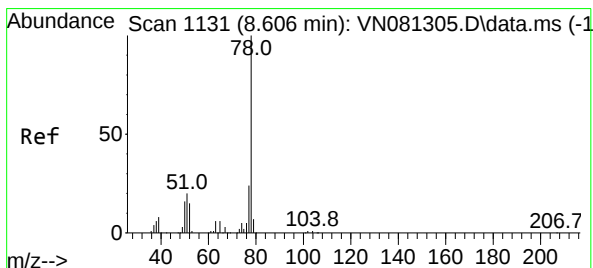
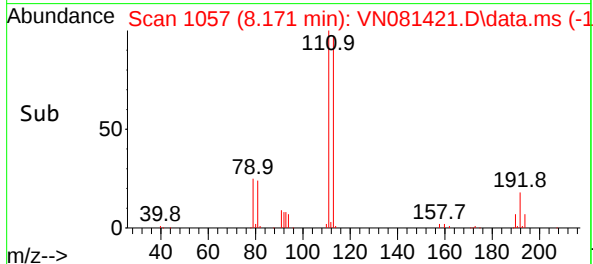
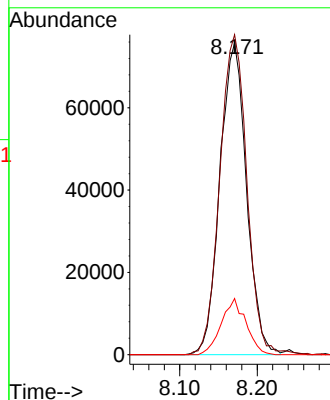
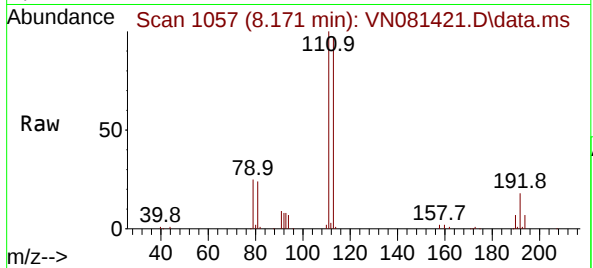
Tgt Ion:	113	Resp:	18108
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.2	123.4
192	16.7	12.5	18.7

Manual Integrations

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Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#40

Benzene

Concen: 0.551 ug/l

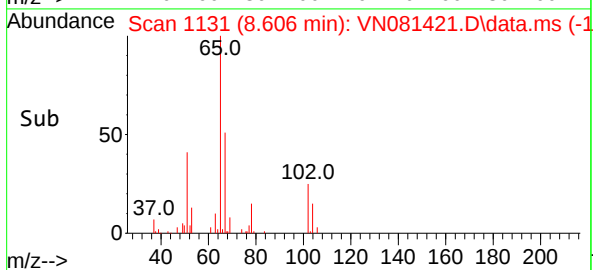
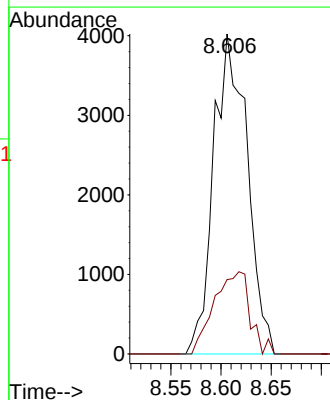
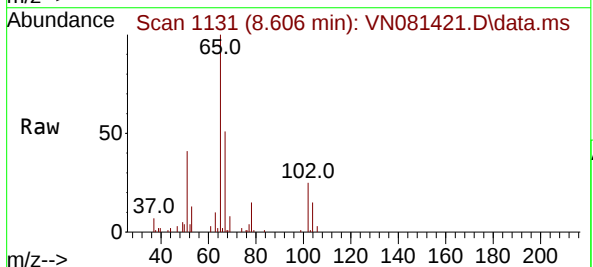
RT: 8.606 min Scan# 1131

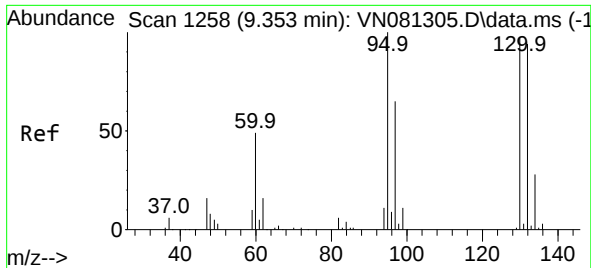
Delta R.T. 0.000 min

Lab File: VN081421.D

Acq: 14 Mar 2024 19:41

Tgt Ion:	78	Resp:	9365
Ion Ratio	Lower	Upper	
78	100		
77	23.3	20.4	30.6





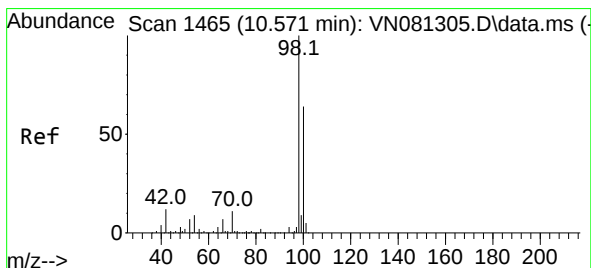
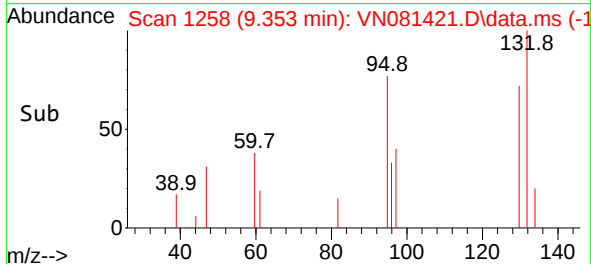
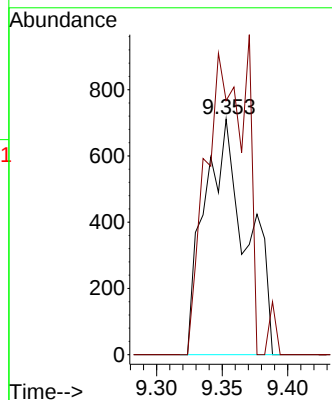
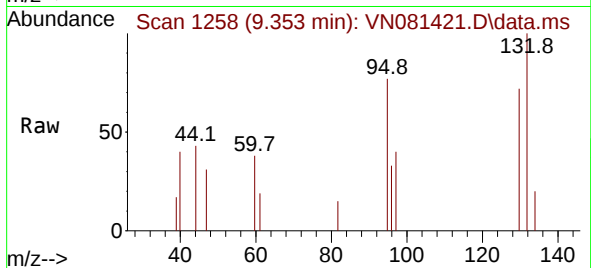
#44
Trichloroethene
Concen: 0.370 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:130 Resp: 158
Ion Ratio Lower Upper
130 100
95 107.9 0.0 210.4

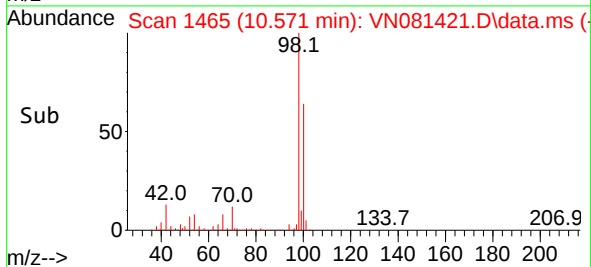
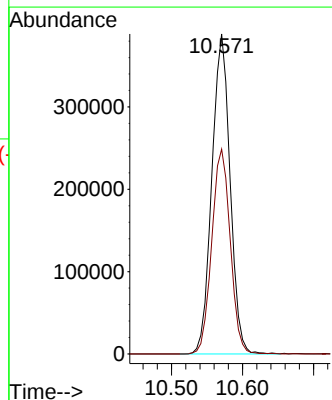
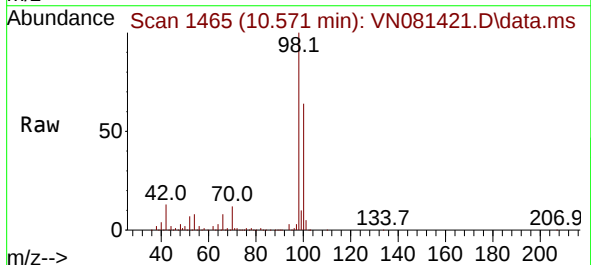
Manual Integrations
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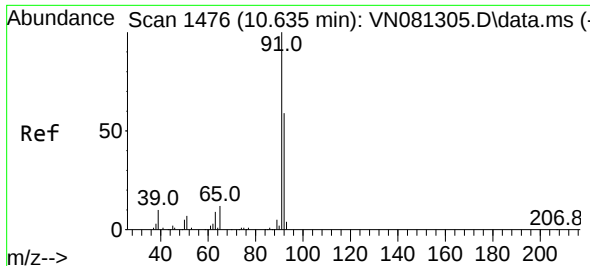
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#50
Toluene-d8
Concen: 52.415 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

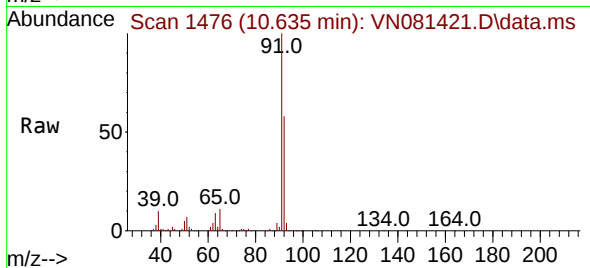
Tgt Ion: 98 Resp: 691172
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0





#52
Toluene
Concen: 174.733 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

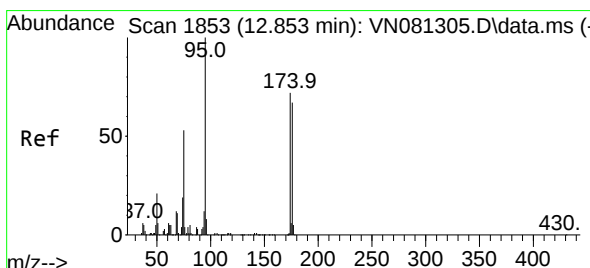
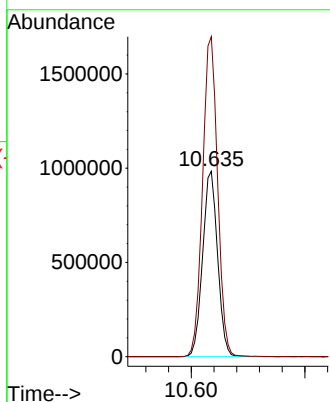
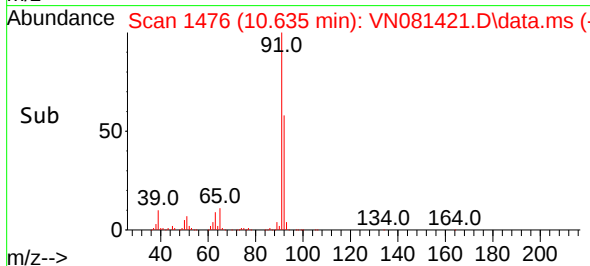
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion: 92 Resp: 1792983
Ion Ratio Lower Upper
92 100
91 173.3 139.4 209.0

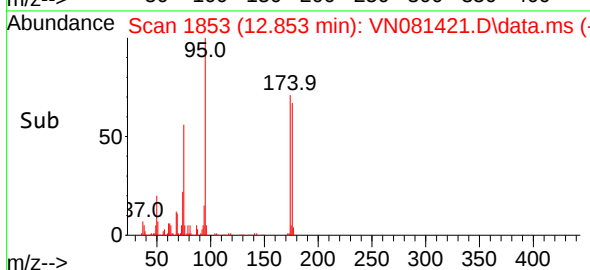
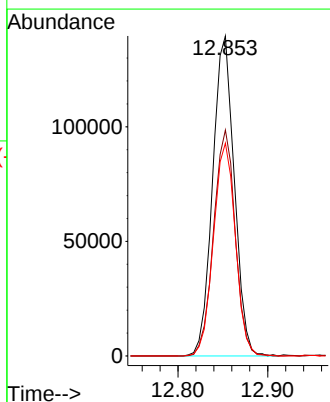
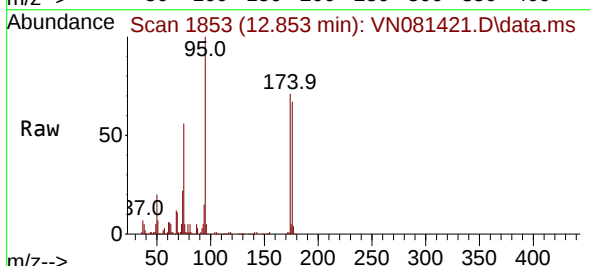
Manual Integrations
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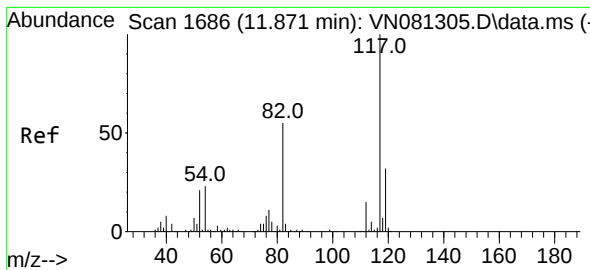
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#62
4-Bromofluorobenzene
Concen: 50.205 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Tgt Ion: 95 Resp: 233985
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 67.2 0.0 121.0





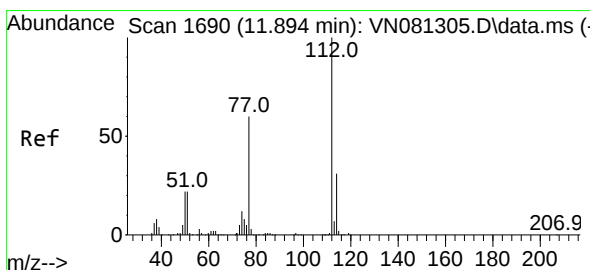
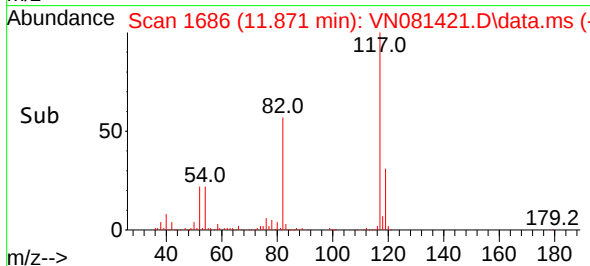
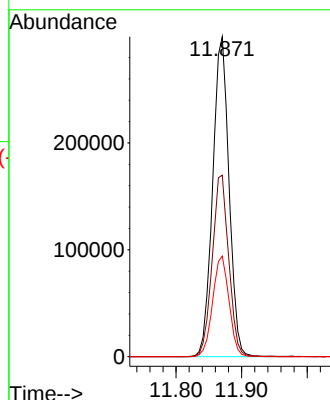
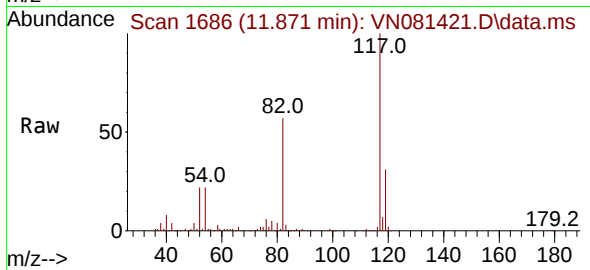
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:117 Resp: 51738
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 31.4 25.3 37.9

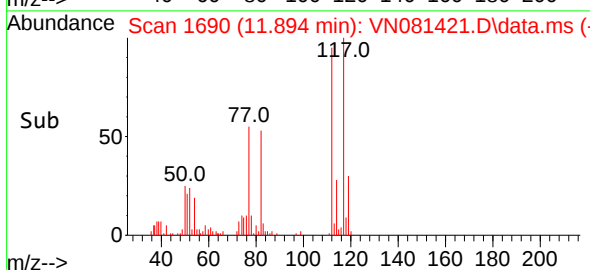
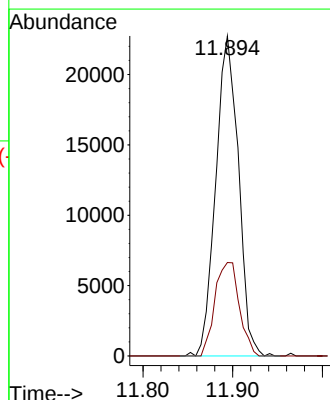
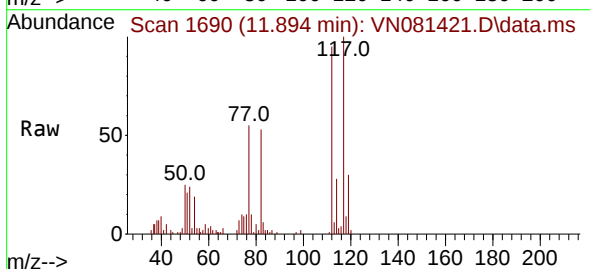
Manual Integrations
APPROVED

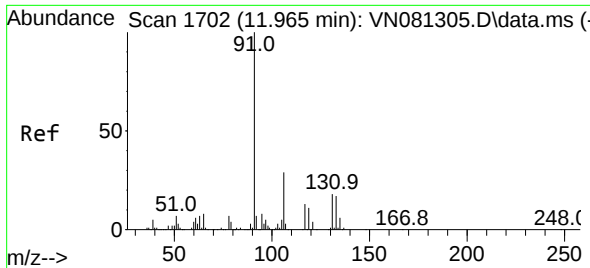
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#65
Chlorobenzene
Concen: 3.656 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Tgt Ion:112 Resp: 39856
Ion Ratio Lower Upper
112 100
114 29.2 23.7 35.5





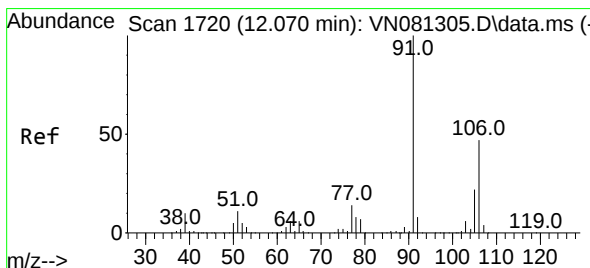
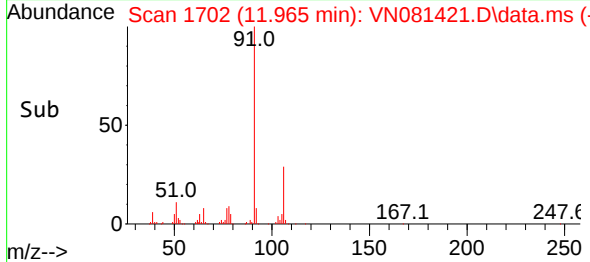
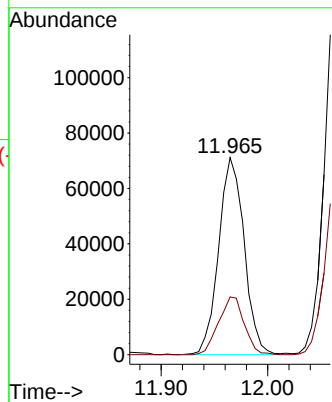
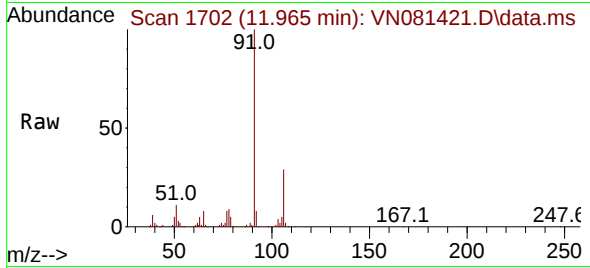
#67
Ethyl Benzene
Concen: 6.031 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 91 Resp: 118430
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6

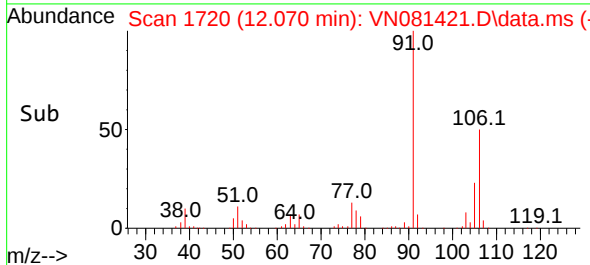
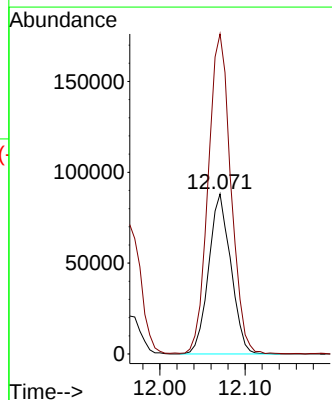
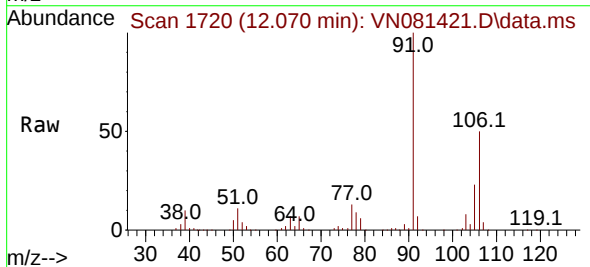
Manual Integrations
APPROVED

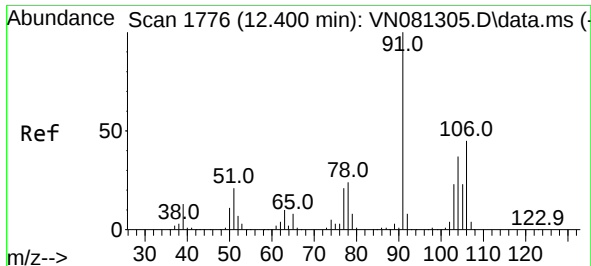
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#68
m/p-Xylenes
Concen: 21.467 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Tgt Ion:106 Resp: 158663
Ion Ratio Lower Upper
106 100
91 205.6 169.0 253.6





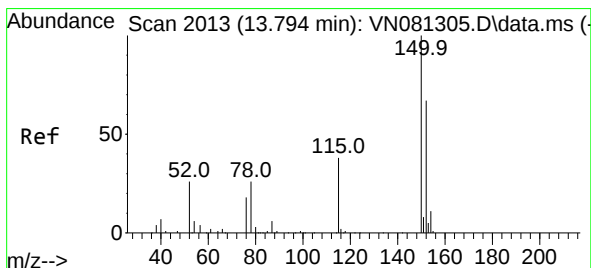
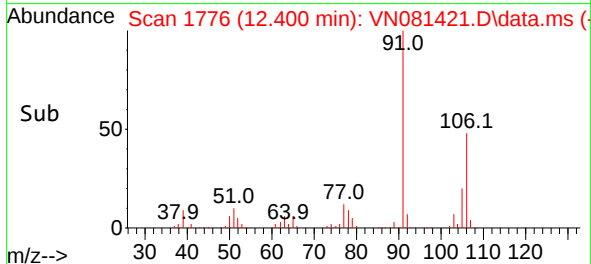
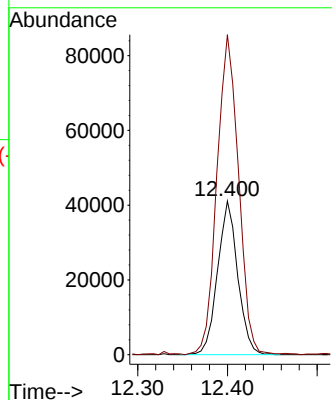
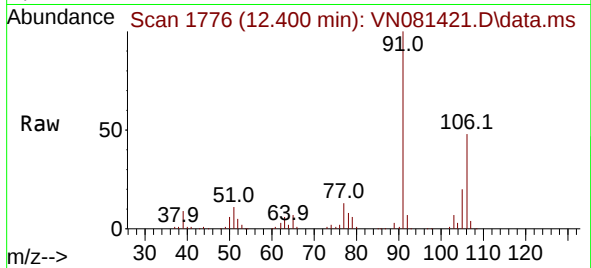
#69
o-Xylene
Concen: 8.950 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:106 Resp: 64110
Ion Ratio Lower Upper
106 100
91 223.3 112.1 336.3

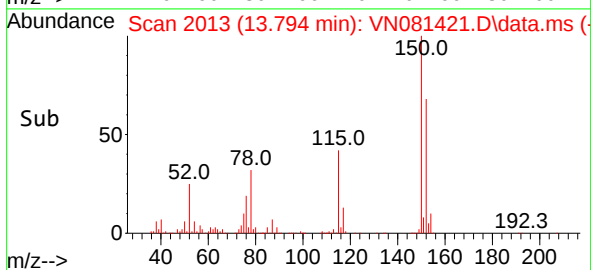
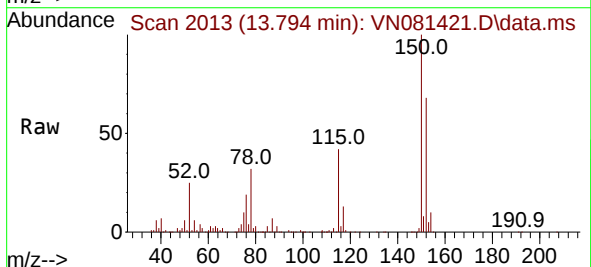
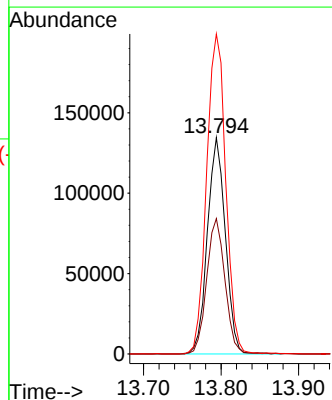
Manual Integrations
APPROVED

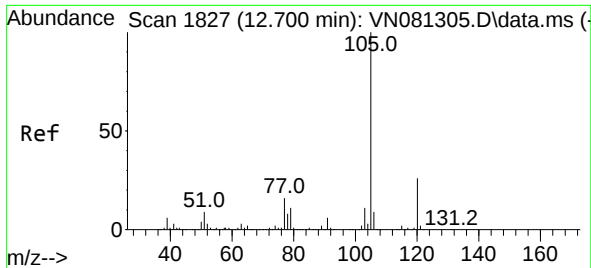
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Tgt Ion:152 Resp: 216960
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 156.9 0.0 339.8





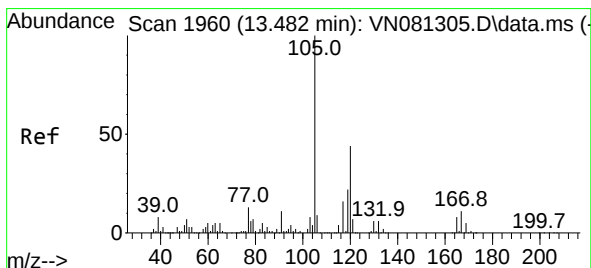
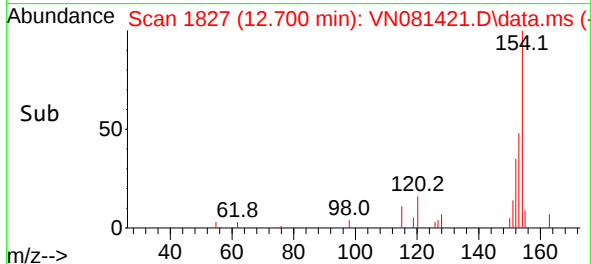
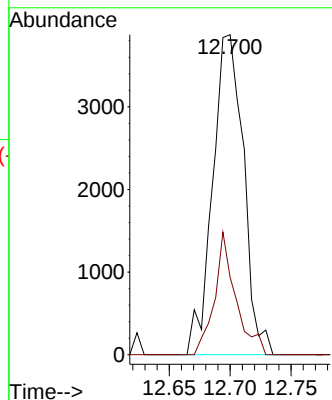
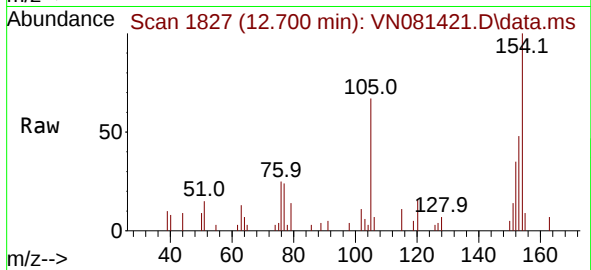
#73
Isopropylbenzene
Concen: 0.390 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:105 Resp: 6838
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6

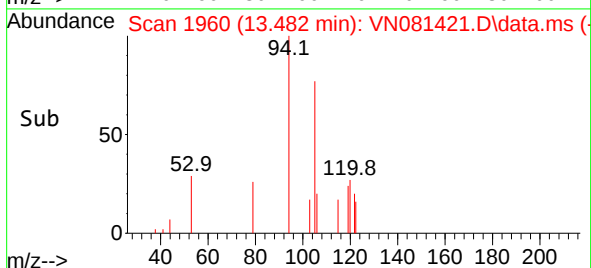
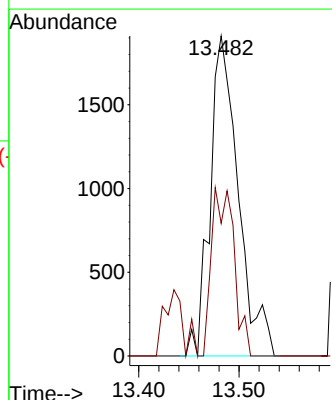
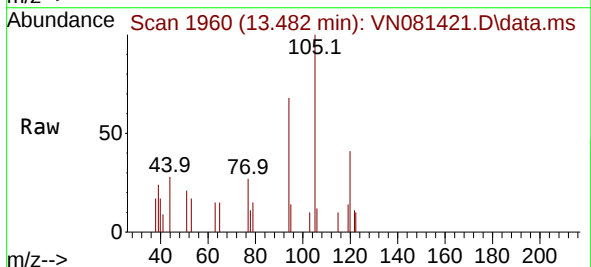
Manual Integrations
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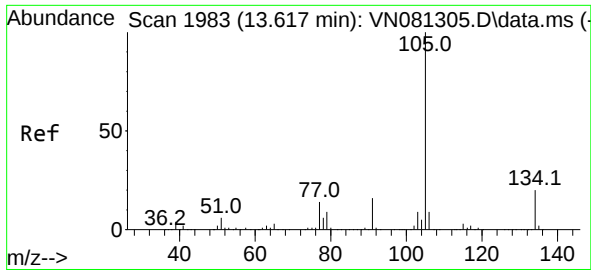
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.254 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081421.D
Acq: 14 Mar 2024 19:41

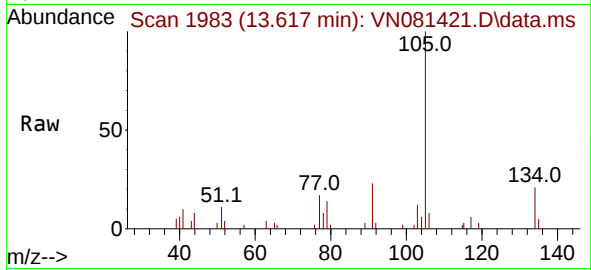
Tgt Ion:105 Resp: 3733
Ion Ratio Lower Upper
105 100
120 41.9 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 0.897 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081421.D
 Acq: 14 Mar 2024 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1



Tgt Ion:105 Resp: 1610
 Ion Ratio Lower Upper
 105 100
 134 22.3 8.6 25.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

