

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081432.D
 Acq On : 15 Mar 2024 18:05
 Operator : JC\MD
 Sample : P1769-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 23:37:14 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	8.230	168	298343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	481564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232770	53.961	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.920%			
35) Dibromofluoromethane	8.171	113	176963	52.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	10.571	98	661368	52.522	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.853	95	214758	48.254	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.500%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	3455m	4.580	ug/l	
27) cis-1,2-Dichloroethene	7.494	96	4916	1.106	ug/l	76
40) Benzene	8.606	78	8468	0.522	ug/l #	76
44) Trichloroethene	9.353	130	1180	0.288	ug/l	61
52) Toluene	10.635	92	1699949	173.486	ug/l	99
65) Chlorobenzene	11.894	112	35147	3.464	ug/l	92
67) Ethyl Benzene	11.965	91	112498	6.154	ug/l	94
68) m/p-Xylenes	12.071	106	153958	22.380	ug/l	99
69) o-Xylene	12.400	106	62655	9.398	ug/l	99
73) Isopropylbenzene	12.706	105	6826	0.454	ug/l	96
83) tert-Butylbenzene	13.447	119	2739	0.257	ug/l	92
84) 1,2,4-Trimethylbenzene	13.494	105	3215	0.255	ug/l	93
85) sec-Butylbenzene	13.618	105	16004	1.037	ug/l	94

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

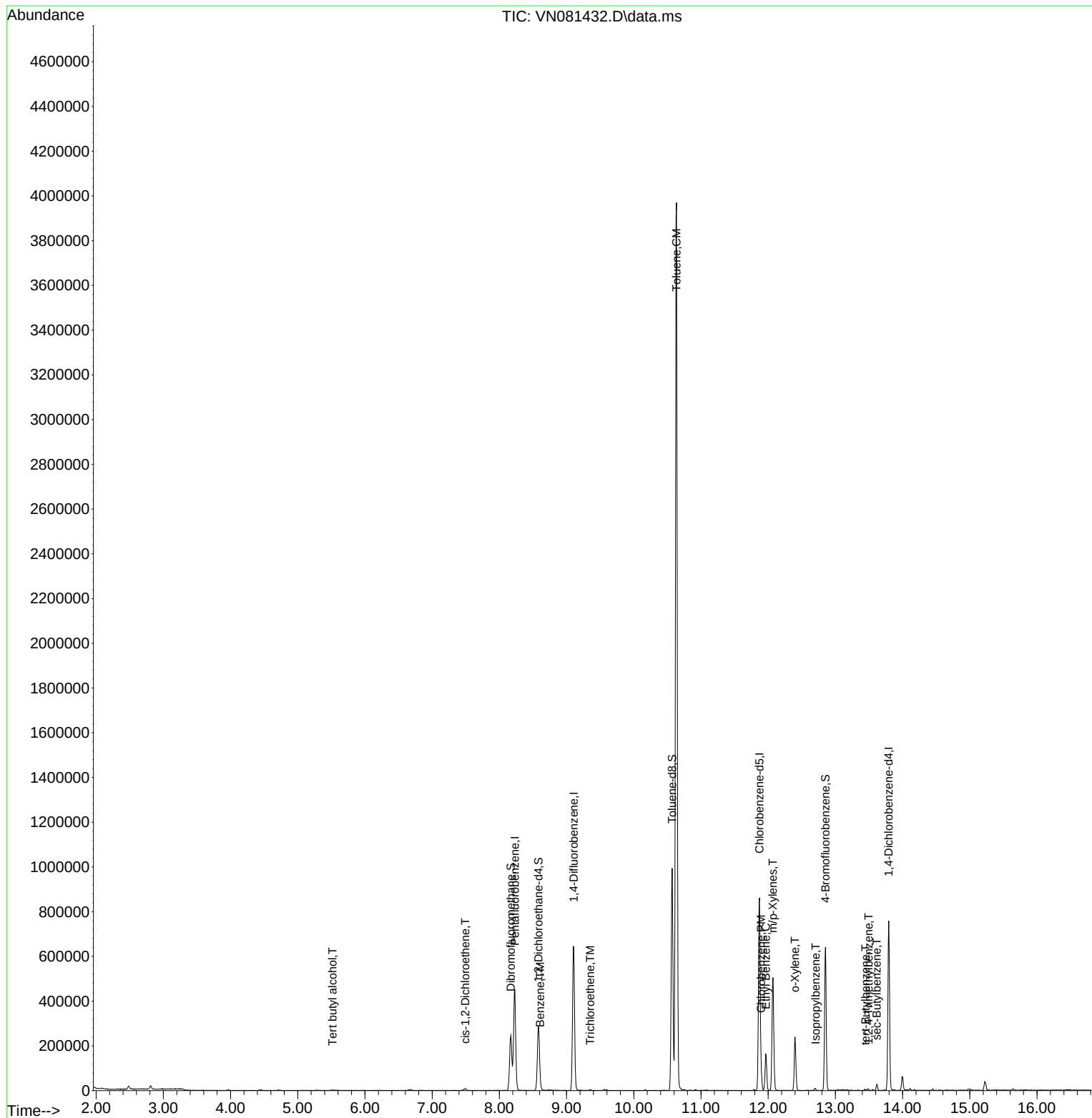
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
Data File : VN081432.D
Acq On : 15 Mar 2024 18:05
Operator : JC\MD
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ALS Vial : 9 Sample Multiplier: 1

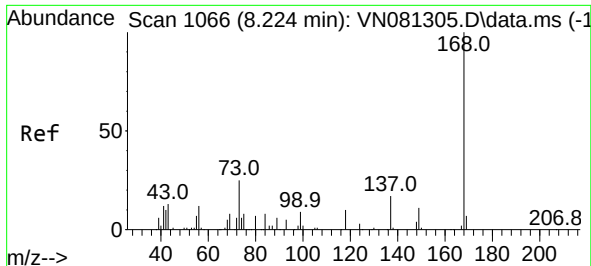
Instrument :
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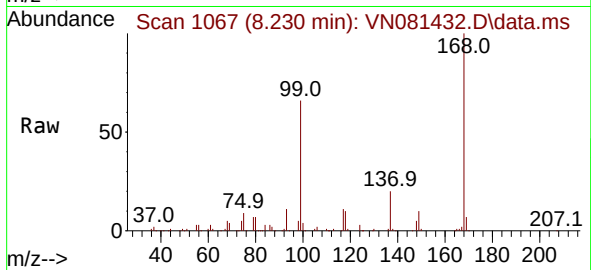
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

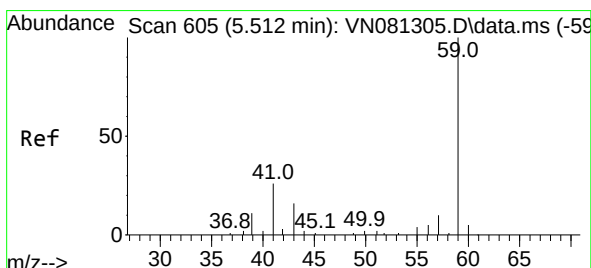
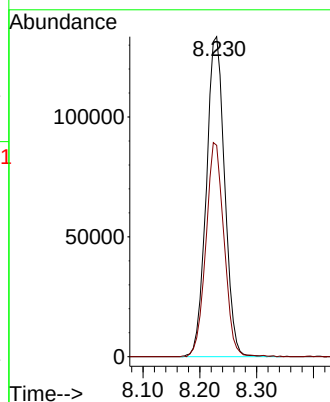
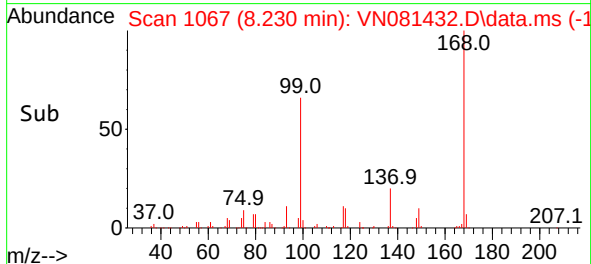
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion:168 Resp: 29834
Ion Ratio Lower Upper
168 100
99 66.1 59.9 89.9

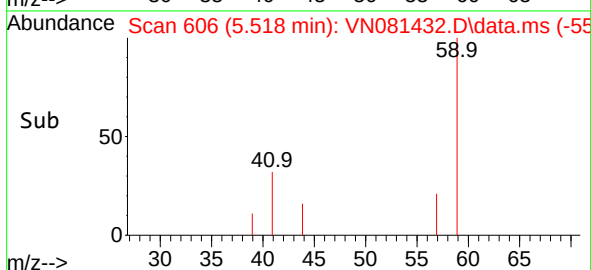
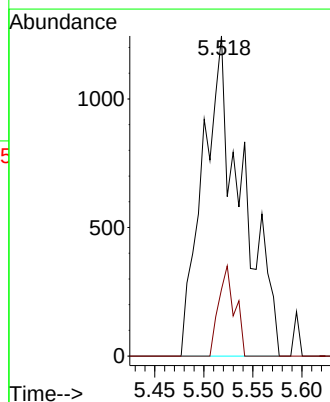
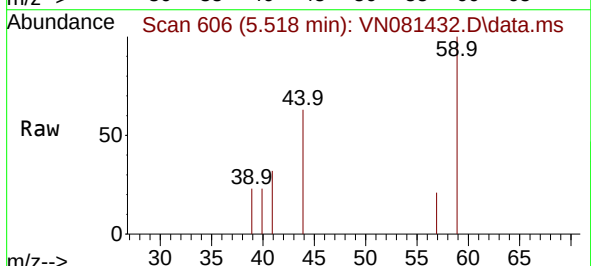
Manual Integrations
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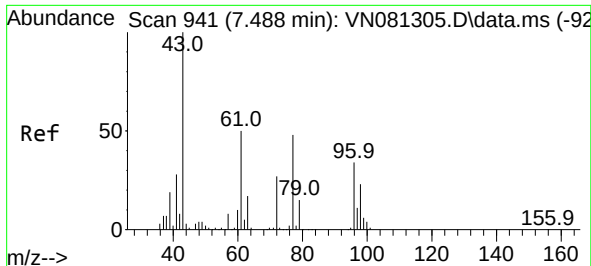
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#11
Tert butyl alcohol
Concen: 4.580 ug/l m
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

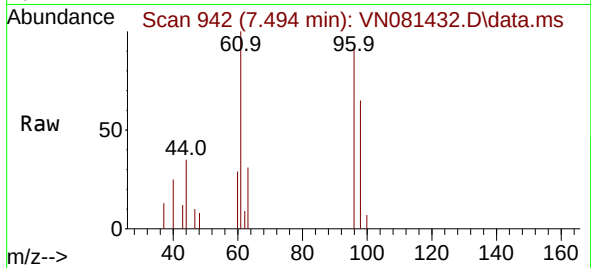
Tgt Ion: 59 Resp: 3455
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8





#27
cis-1,2-Dichloroethene
Concen: 1.106 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

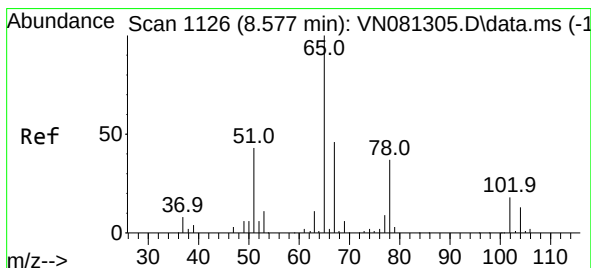
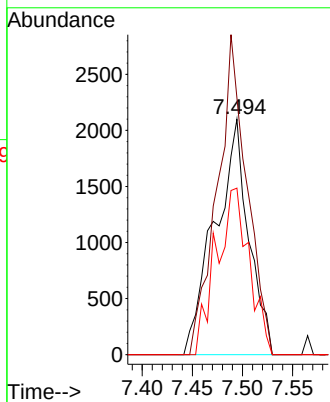
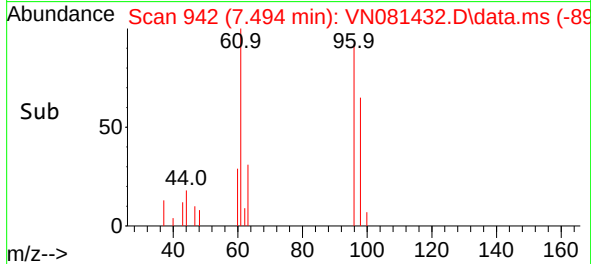
Instrument :
MSVOA_N
ClientSampleId :
MW-1



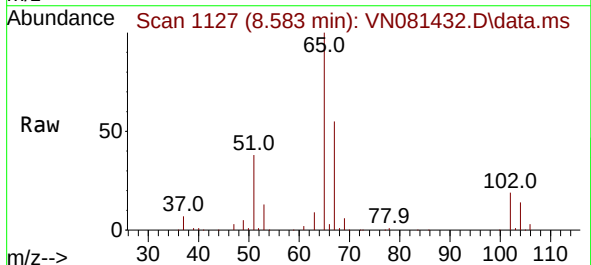
Tgt Ion: 96 Resp: 4910
Ion Ratio Lower Upper
96 100
61 120.0 0.0 325.4
98 68.9 0.0 130.4

Manual Integrations
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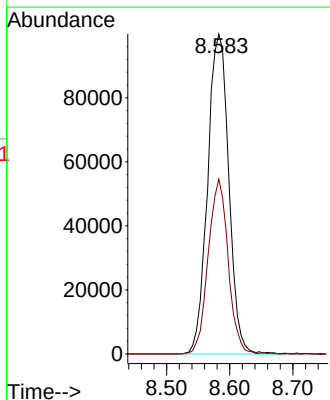
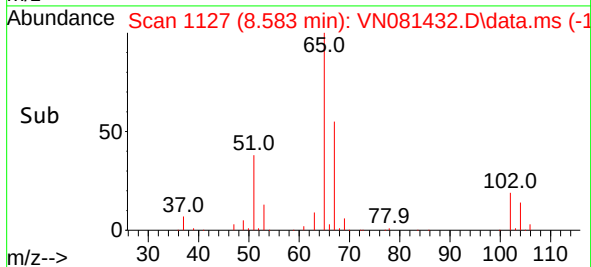
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

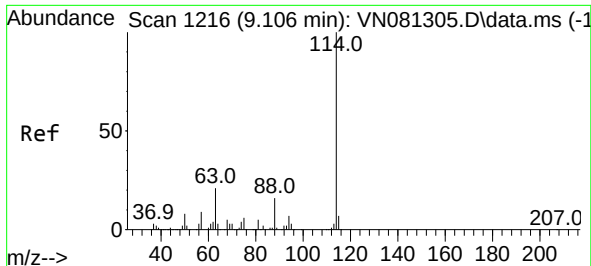


#33
1,2-Dichloroethane-d4
Concen: 53.961 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05



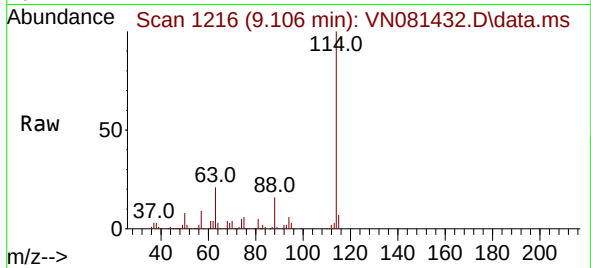
Tgt Ion: 65 Resp: 232770
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

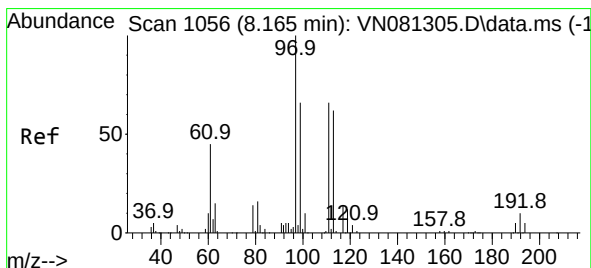
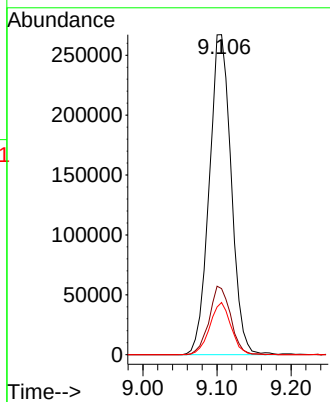
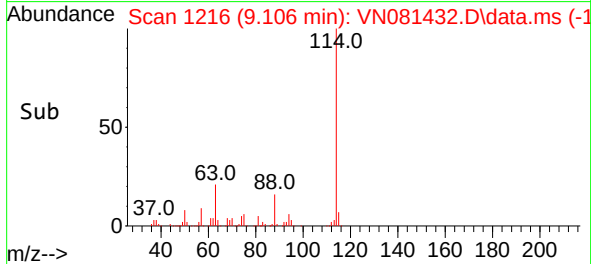
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion:114 Resp: 54980
Ion Ratio Lower Upper
114 100
63 20.7 0.0 48.0
88 16.3 0.0 34.8

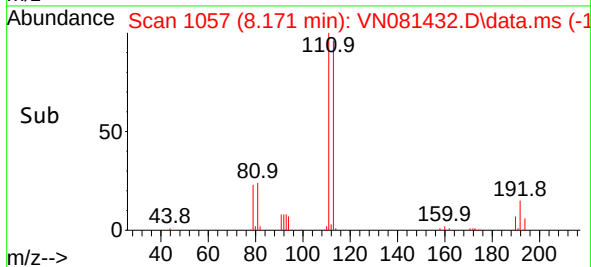
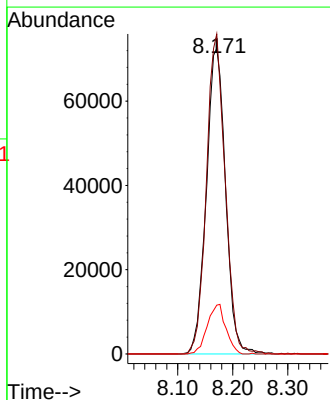
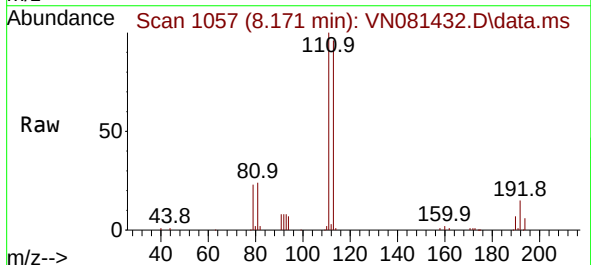
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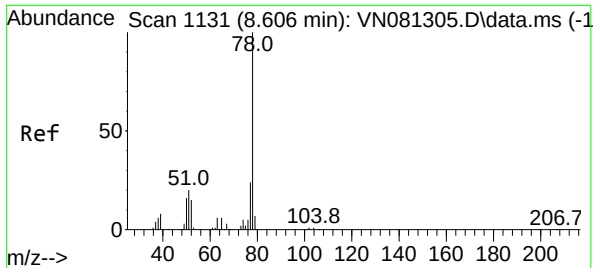
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#35
Dibromofluoromethane
Concen: 52.535 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

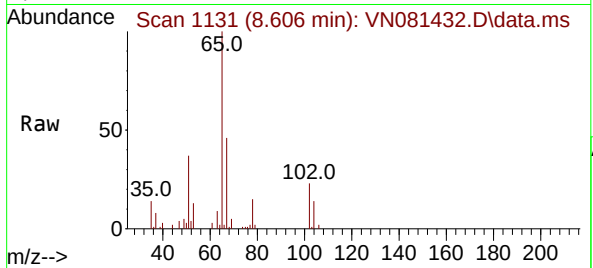
Tgt Ion:113 Resp: 176963
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 15.6 12.5 18.7





#40
Benzene
Concen: 0.522 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

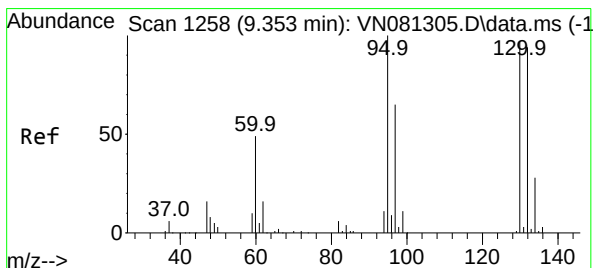
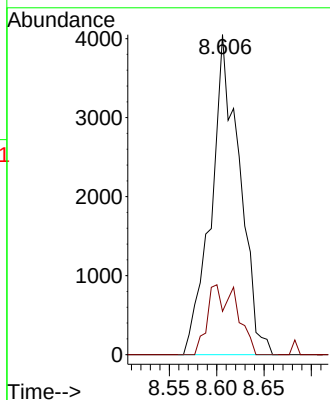
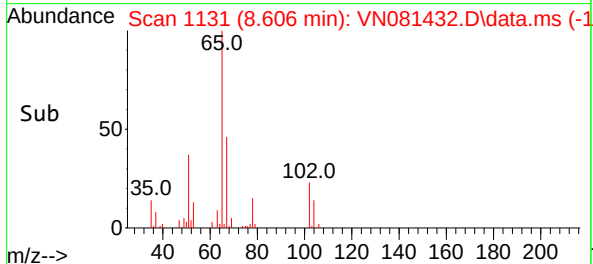
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion: 78 Resp: 846
Ion Ratio Lower Upper
78 100
77 13.6 20.4 30.6

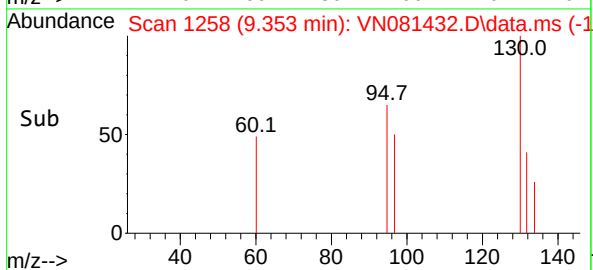
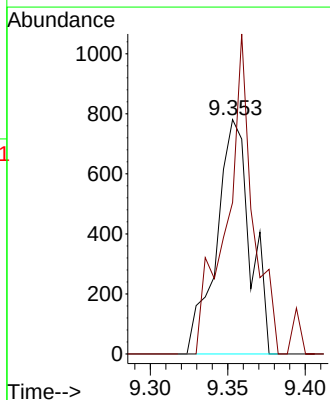
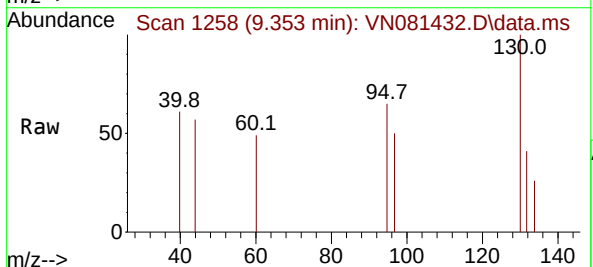
Manual Integrations
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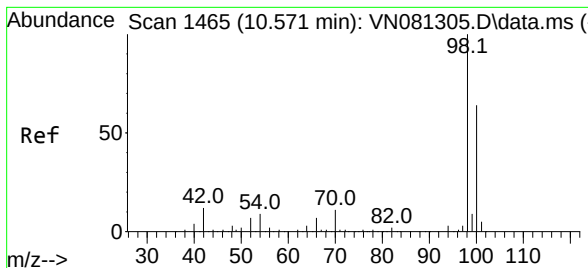
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#44
Trichloroethene
Concen: 0.288 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

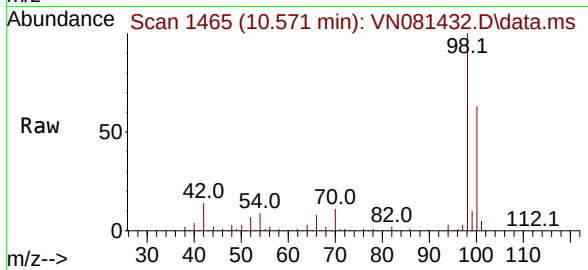
Tgt Ion:130 Resp: 1180
Ion Ratio Lower Upper
130 100
95 64.7 0.0 210.4





#50
Toluene-d8
Concen: 52.522 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

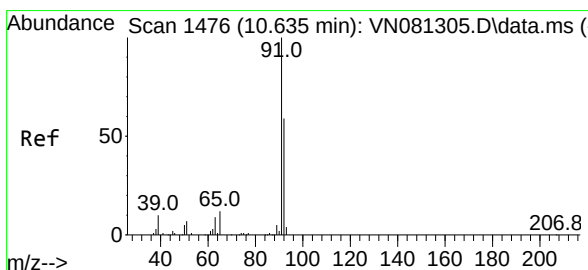
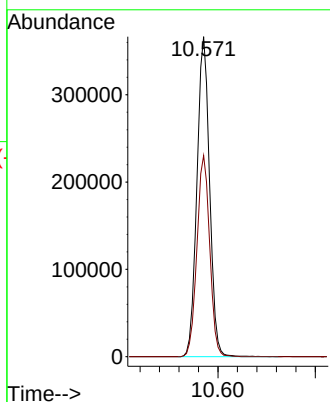
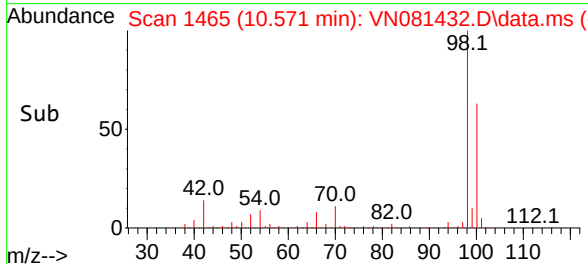
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion: 98 Resp: 661368
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0

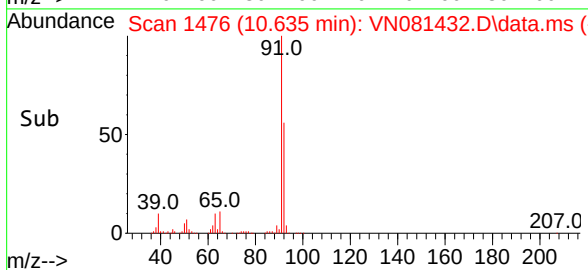
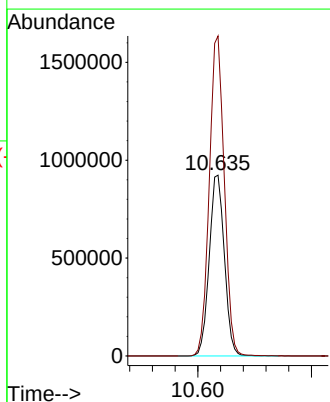
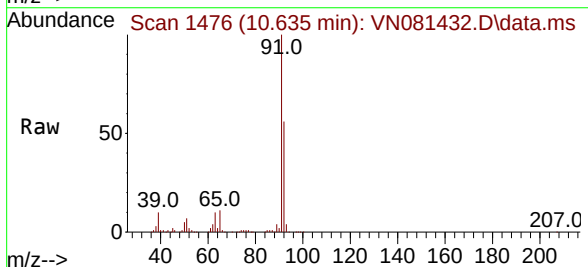
Manual Integrations
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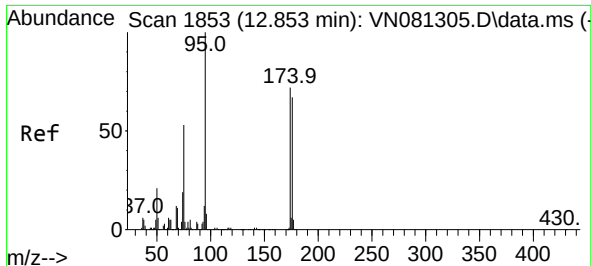
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#52
Toluene
Concen: 173.486 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

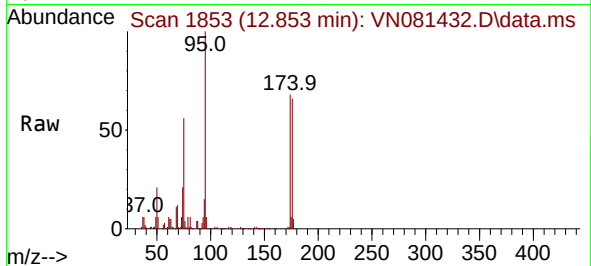
Tgt Ion: 92 Resp: 1699949
Ion Ratio Lower Upper
92 100
91 175.3 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 48.254 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

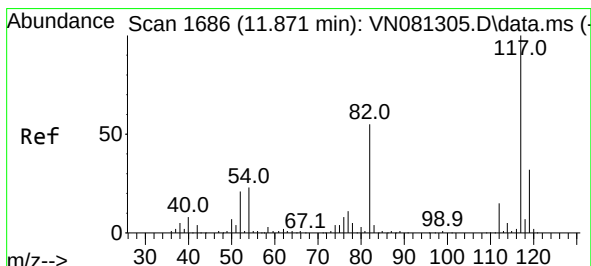
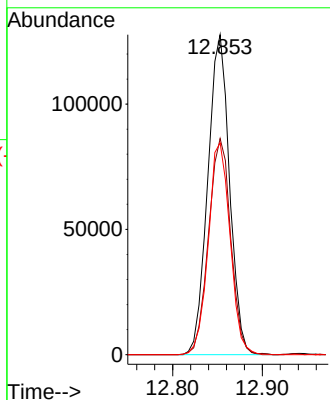
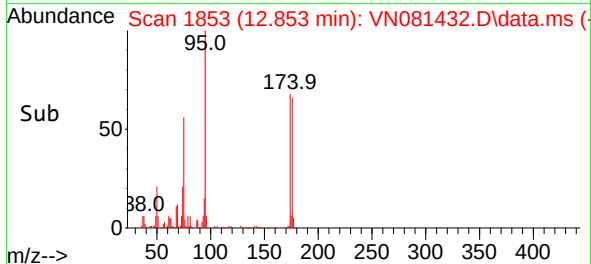
Instrument :
MSVOA_N
ClientSampleId :
MW-1



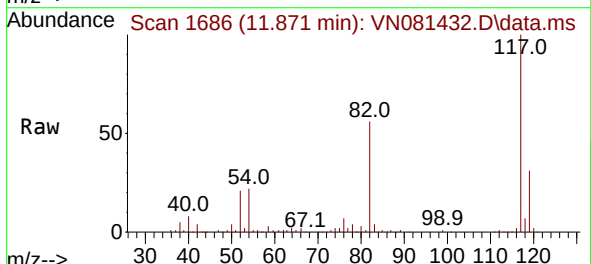
Tgt Ion: 95 Resp: 214758
Ion Ratio Lower Upper
95 100
174 69.1 0.0 120.4
176 66.2 0.0 121.0

Manual Integrations
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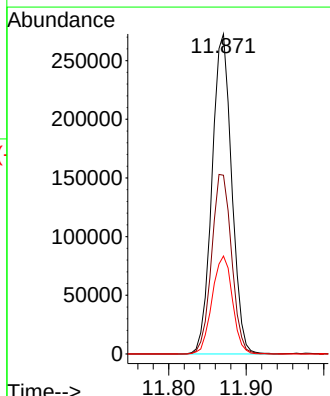
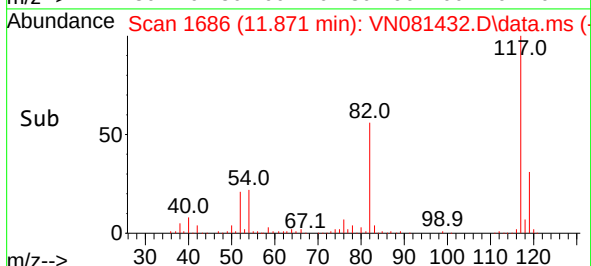
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

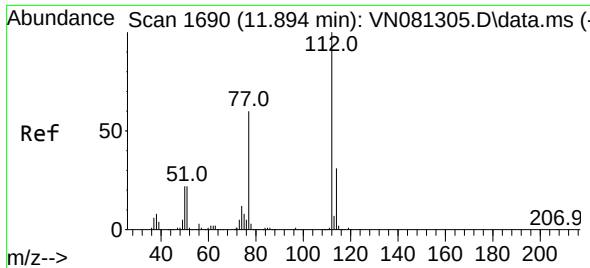


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05



Tgt Ion:117 Resp: 481564
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 30.6 25.3 37.9





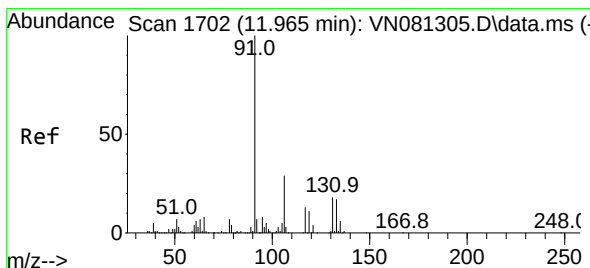
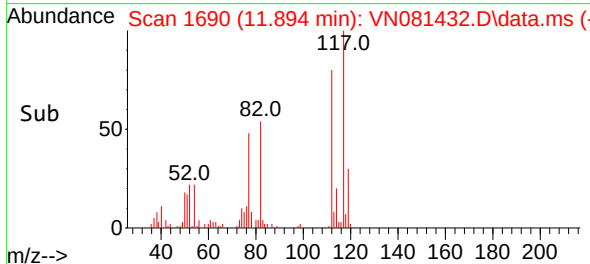
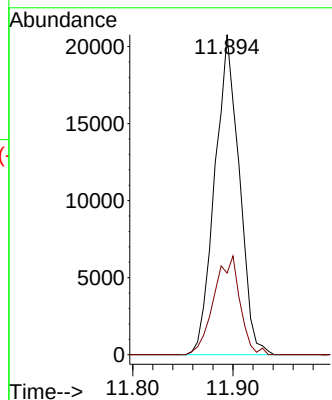
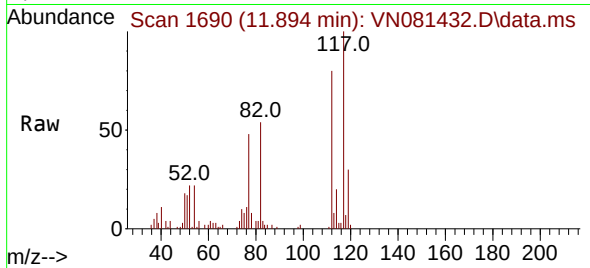
#65
Chlorobenzene
Concen: 3.464 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 112 Resp: 3514
Ion Ratio Lower Upper
112 100
114 25.5 23.7 35.5

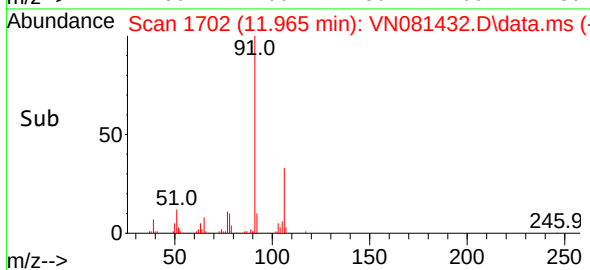
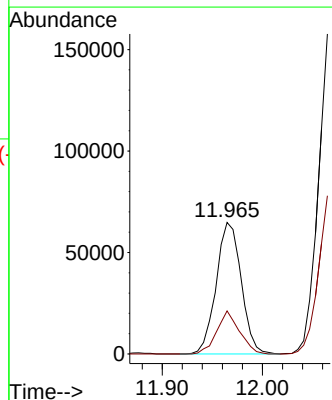
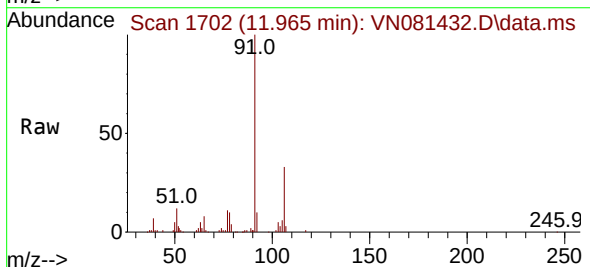
Manual Integrations
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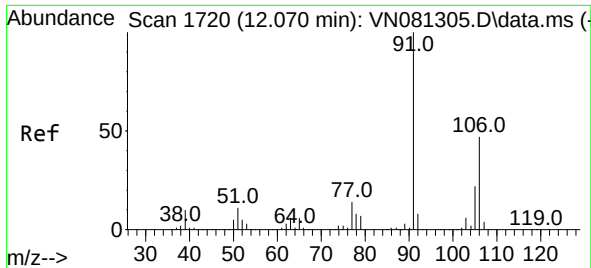
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#67
Ethyl Benzene
Concen: 6.154 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

Tgt Ion: 91 Resp: 112498
Ion Ratio Lower Upper
91 100
106 32.7 23.8 35.6





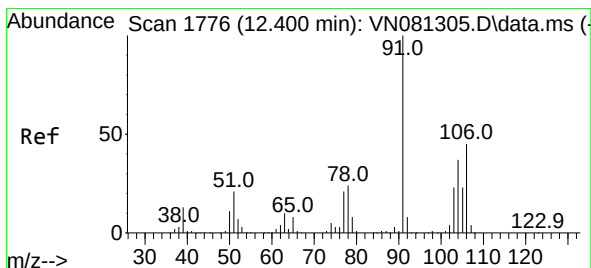
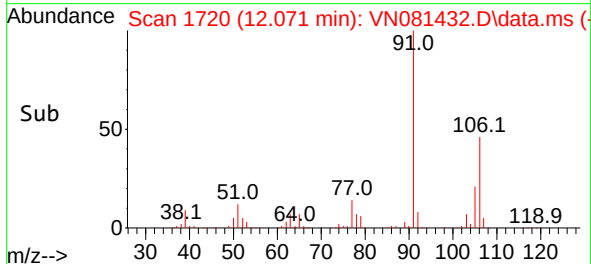
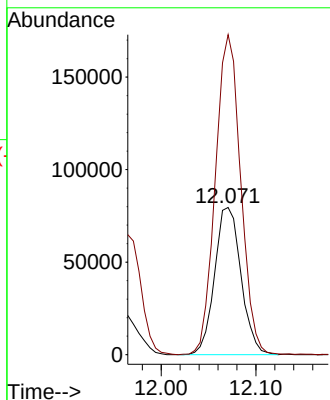
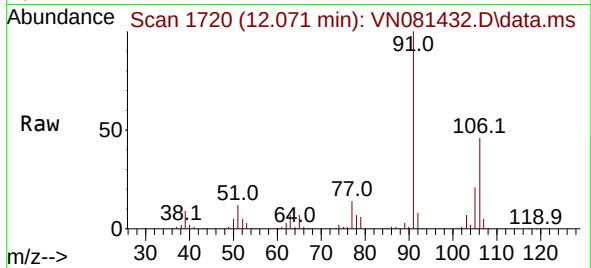
#68
m/p-Xylenes
Concen: 22.380 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:106 Resp: 153958
Ion Ratio Lower Upper
106 100
91 209.2 169.0 253.6

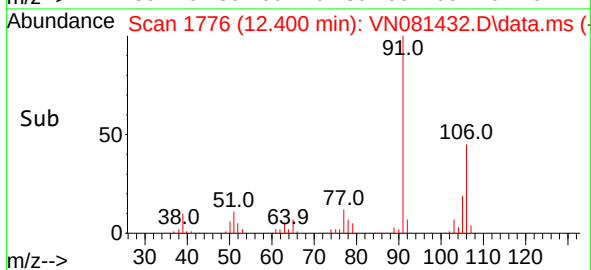
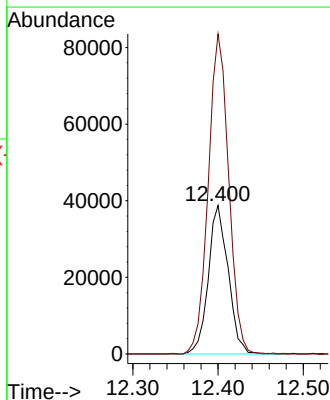
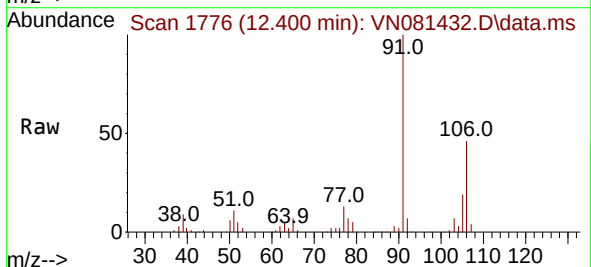
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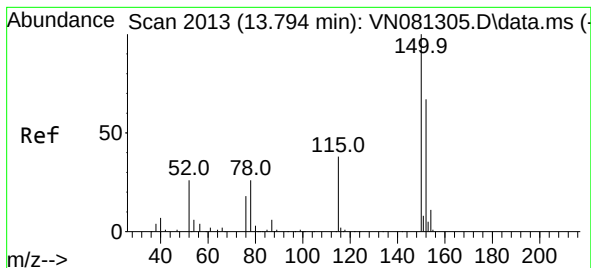
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#69
o-Xylene
Concen: 9.398 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

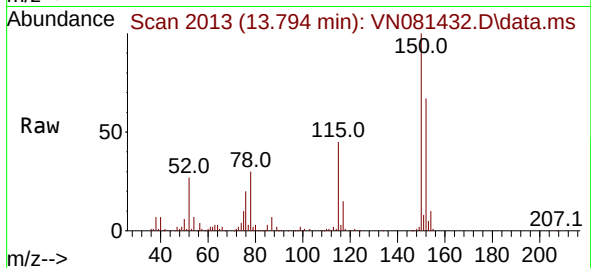
Tgt Ion:106 Resp: 62655
Ion Ratio Lower Upper
106 100
91 222.3 112.1 336.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

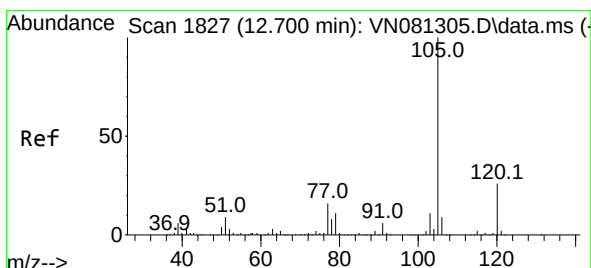
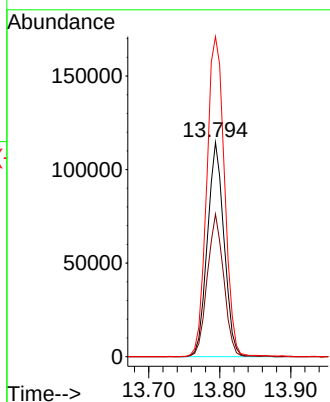
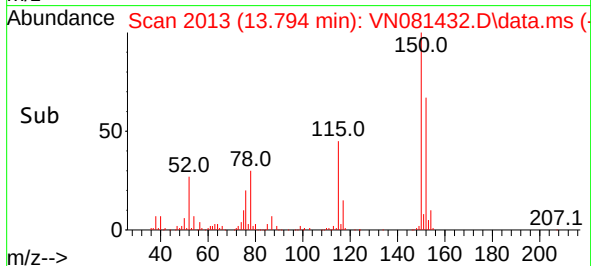
Instrument :
MSVOA_N
ClientSampleId :
MW-1



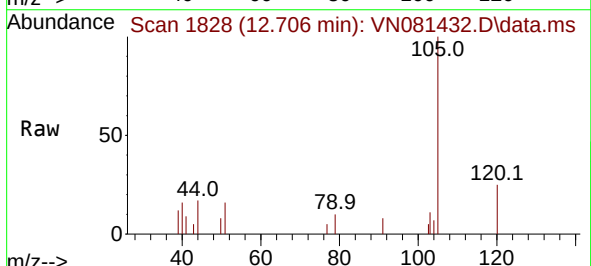
Tgt Ion:152 Resp: 186380
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 159.7 0.0 339.8

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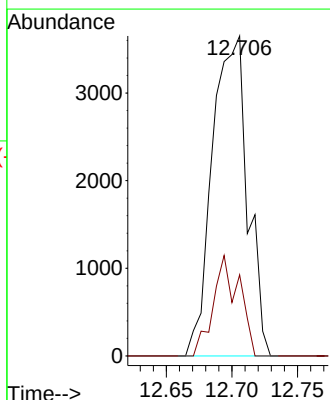
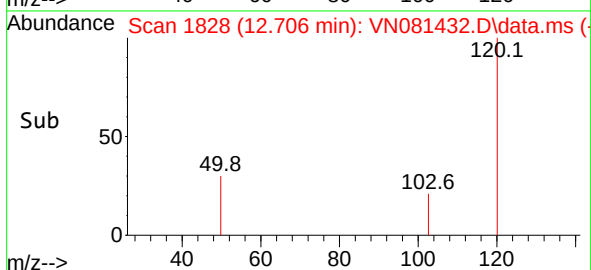
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

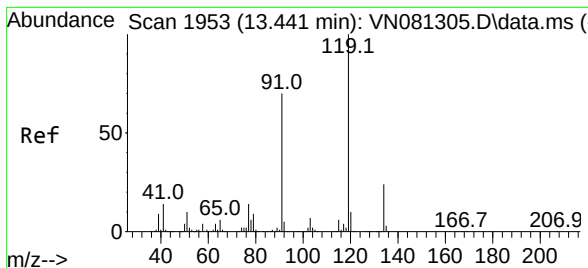


#73
Isopropylbenzene
Concen: 0.454 ug/l
RT: 12.706 min Scan# 1828
Delta R.T. 0.006 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05



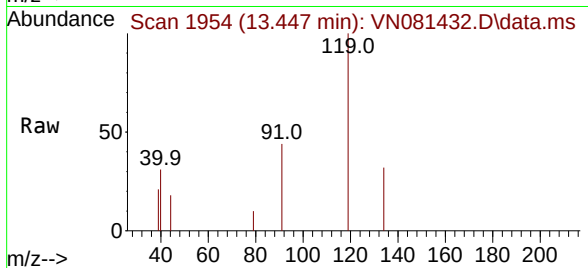
Tgt Ion:105 Resp: 6826
Ion Ratio Lower Upper
105 100
120 23.1 12.6 37.6





#83
tert-Butylbenzene
Concen: 0.257 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05

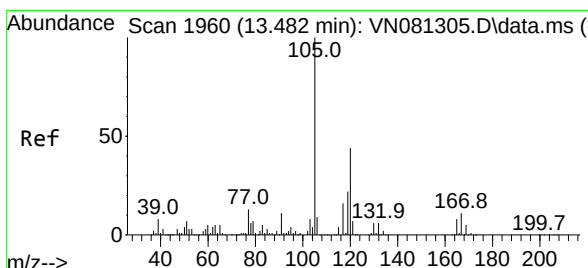
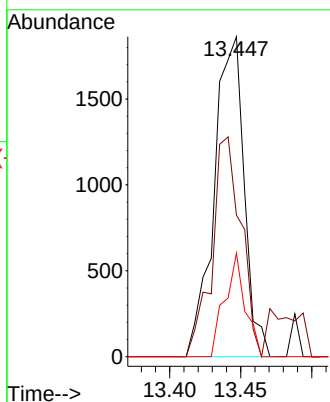
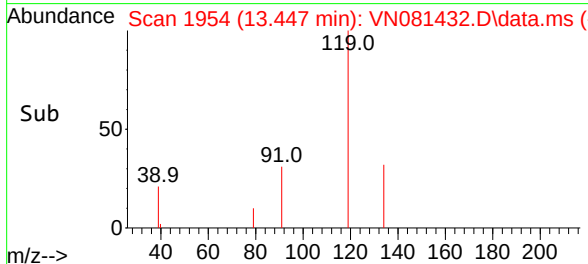
Instrument :
MSVOA_N
ClientSampleId :
MW-1



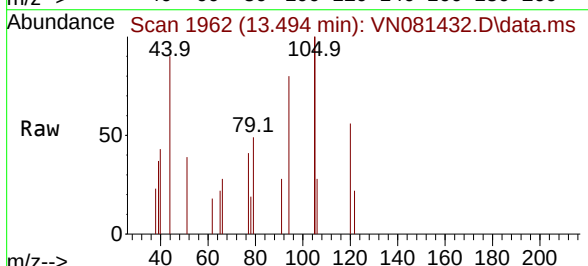
Tgt Ion:119 Resp: 2739
Ion Ratio Lower Upper
119 100
91 66.2 36.8 110.4
134 21.9 12.4 37.4

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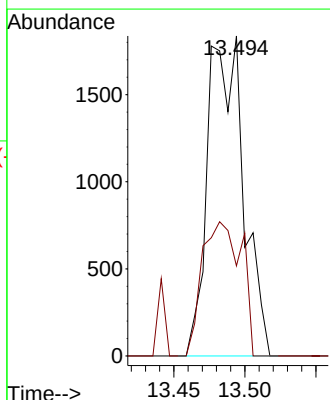
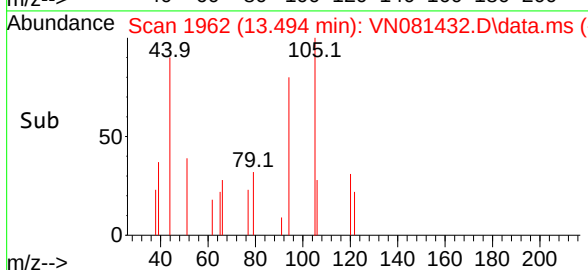
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

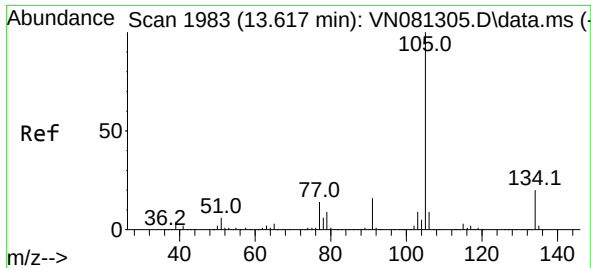


#84
1,2,4-Trimethylbenzene
Concen: 0.255 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.012 min
Lab File: VN081432.D
Acq: 15 Mar 2024 18:05



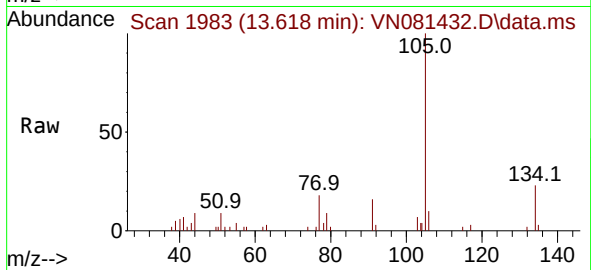
Tgt Ion:105 Resp: 3215
Ion Ratio Lower Upper
105 100
120 46.2 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 1.037 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081432.D
 Acq: 15 Mar 2024 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1



Tgt Ion:105 Resp: 16004
 Ion Ratio Lower Upper
 105 100
 134 19.7 8.6 25.8

Manual Integrations
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Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

