

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081710.D
 Acq On : 12 Apr 2024 12:08
 Operator : JC\MD
 Sample : VN0412WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Mahesh Dadoda 04/15/2024

Quant Time: Apr 13 06:53:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	234851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	405857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	174729	58.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.680%			
35) Dibromofluoromethane	8.165	113	147722	55.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.420%			
50) Toluene-d8	10.570	98	498305	51.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.853	95	194758	57.143	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 114.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67176	21.243	ug/l	91
3) Chloromethane	2.359	50	72062	22.888	ug/l	99
4) Vinyl Chloride	2.518	62	55629	15.744	ug/l	92
5) Bromomethane	2.965	94	42937	17.182	ug/l	82
6) Chloroethane	3.124	64	40608	16.738	ug/l	99
7) Trichlorofluoromethane	3.500	101	43889	8.334	ug/l	91
8) Diethyl Ether	3.965	74	38142	21.886	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.365	101	67208	22.461	ug/l #	88
10) Methyl Iodide	4.583	142	51080	17.142	ug/l	95
11) Tert butyl alcohol	5.518	59	53254	102.033	ug/l #	88
12) 1,1-Dichloroethene	4.341	96	62500	22.550	ug/l	87
13) Acrolein	4.183	56	72098	153.944	ug/l	99
14) Allyl chloride	5.024	41	71941	20.714	ug/l #	81
15) Acrylonitrile	5.718	53	154989	111.000	ug/l	97
16) Acetone	4.424	43	104678	108.149	ug/l	94
17) Carbon Disulfide	4.712	76	168592	21.197	ug/l	98
18) Methyl Acetate	5.018	43	64374	21.573	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	204549	23.582	ug/l	95
20) Methylene Chloride	5.277	84	71737	22.626	ug/l #	86
21) trans-1,2-Dichloroethene	5.788	96	66369	21.476	ug/l	98
22) Diisopropyl ether	6.671	45	195188	24.188	ug/l #	88
23) Vinyl Acetate	6.600	43	756265	117.739	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	122711	22.704	ug/l	99
25) 2-Butanone	7.482	43	184758	111.290	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	110733	23.621	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	81793	23.393	ug/l	84
28) Bromochloromethane	7.812	49	48563	22.059	ug/l #	48
29) Tetrahydrofuran	7.841	42	121504	108.642	ug/l #	75
30) Chloroform	7.971	83	145490	25.145	ug/l	98
31) Cyclohexane	8.253	56	101844	20.897	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	127973	24.378	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	91213	20.256	ug/l	96
37) Ethyl Acetate	7.559	43	78542	20.369	ug/l #	95
38) Carbon Tetrachloride	8.359	117	108001	21.894	ug/l	94
39) Methylcyclohexane	9.606	83	103935	20.668	ug/l	88
40) Benzene	8.606	78	296886	22.551	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	39182	19.214	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	106408	22.967	ug/l	99
43) Isopropyl Acetate	8.688	43	136806	21.404	ug/l #	91
44) Trichloroethene	9.353	130	74132	20.021	ug/l	89
45) 1,2-Dichloropropane	9.623	63	69256	21.706	ug/l	99
46) Dibromomethane	9.712	93	57738	23.829	ug/l #	89
47) Bromodichloromethane	9.888	83	115748	24.433	ug/l	97
48) Methyl methacrylate	9.682	41	61247	20.775	ug/l #	84
49) 1,4-Dioxane	9.700	88	30522	430.814	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	415608	106.562	ug/l	93
52) Toluene	10.629	92	194678	23.266	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	108300	21.171	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	115601	21.077	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	75089	22.298	ug/l	95
56) Ethyl methacrylate	10.876	69	102984	22.103	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	125036	22.650	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	257265	121.415	ug/l #	86
59) 2-Hexanone	11.200	43	310112	107.546	ug/l	93
60) Dibromochloromethane	11.359	129	90761	24.507	ug/l	98
61) 1,2-Dibromoethane	11.470	107	76901	22.399	ug/l	98
64) Tetrachloroethene	11.106	164	82357	21.229	ug/l	93
65) Chlorobenzene	11.894	112	213562	22.259	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	76787	21.594	ug/l	97
67) Ethyl Benzene	11.964	91	353841	21.231	ug/l	97
68) m/p-Xylenes	12.076	106	280301	44.863	ug/l	95
69) o-Xylene	12.406	106	132823	21.655	ug/l	93
70) Styrene	12.412	104	222115	22.453	ug/l	97
71) Bromoform	12.582	173	57776	21.622	ug/l #	99
73) Isopropylbenzene	12.700	105	339098	19.319	ug/l	97
74) N-amyl acetate	12.494	43	117893	18.560	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	96445	18.688	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	97683m	19.832	ug/l	
77) Bromobenzene	12.982	156	83696	19.303	ug/l	74
78) n-propylbenzene	13.041	91	410399	19.799	ug/l	96
79) 2-Chlorotoluene	13.129	91	250888	20.223	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	297711	20.535	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	39593	21.722	ug/l	98
82) 4-Chlorotoluene	13.223	91	252673	20.658	ug/l	92
83) tert-Butylbenzene	13.441	119	238770	19.099	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	301983	20.725	ug/l	96
85) sec-Butylbenzene	13.617	105	351361	19.660	ug/l	94
86) p-Isopropyltoluene	13.729	119	288564	19.752	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	169012	21.215	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	166502	20.185	ug/l	96
89) n-Butylbenzene	14.058	91	247317	19.091	ug/l	97
90) Hexachloroethane	14.341	117	56766	20.517	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	158738	20.702	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20926	19.053	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	83211	18.769	ug/l	99
94) Hexachlorobutadiene	15.505	225	32382	16.647	ug/l	97
95) Naphthalene	15.647	128	260313	18.120	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	83298	18.679	ug/l	99

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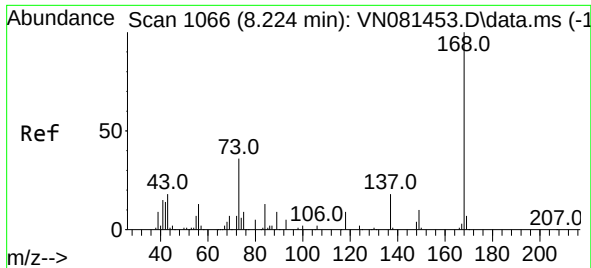
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/15/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

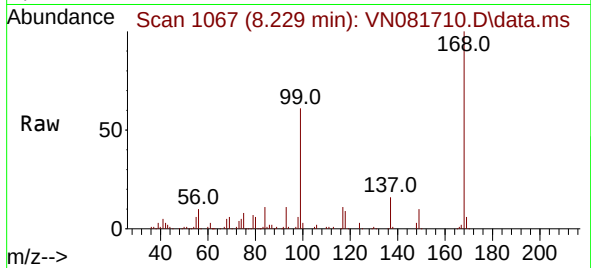
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081710.D
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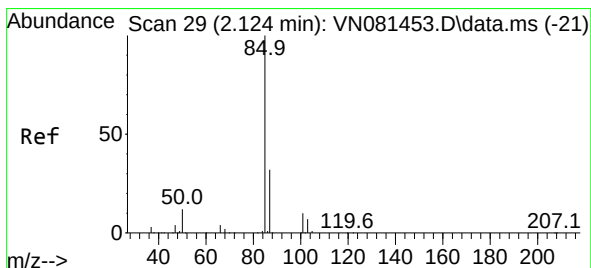
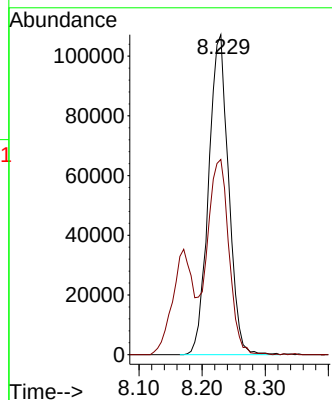
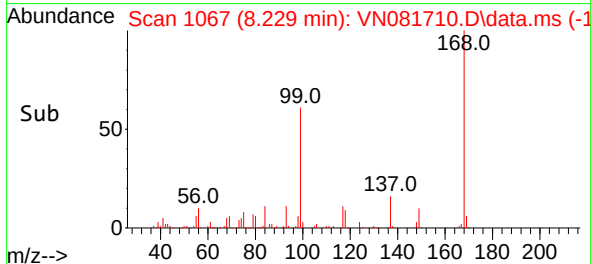
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion:168 Resp: 23485
Ion Ratio Lower Upper
168 100
99 61.0 59.9 89.9

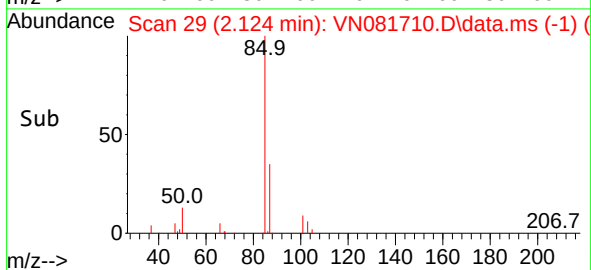
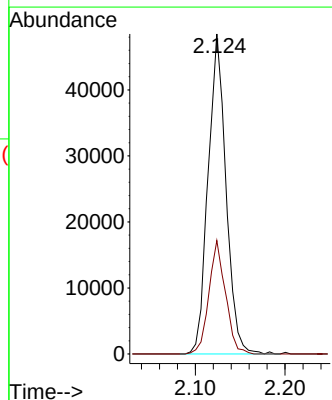
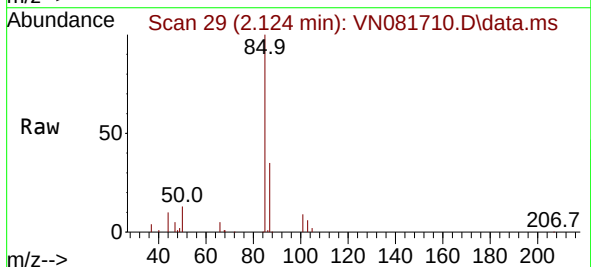
Manual Integrations
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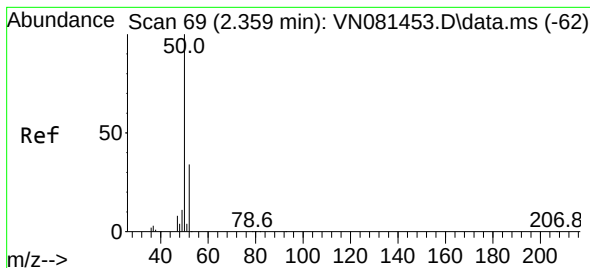
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#2
Dichlorodifluoromethane
Concen: 21.243 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion: 85 Resp: 67176
Ion Ratio Lower Upper
85 100
87 35.4 15.3 45.9





#3

Chloromethane

Concen: 22.888 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion: 50 Resp: 72062

Ion Ratio Lower Upper

50 100

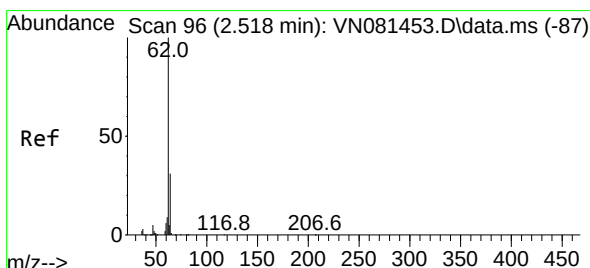
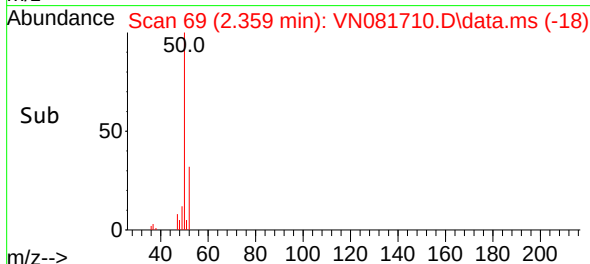
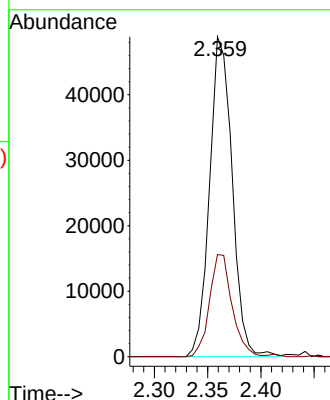
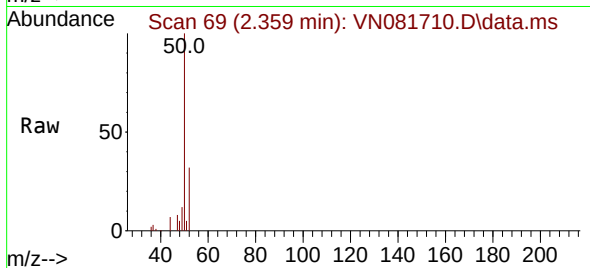
52 31.9 25.0 37.4

Manual Integrations

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Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#4

Vinyl Chloride

Concen: 15.744 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN081710.D

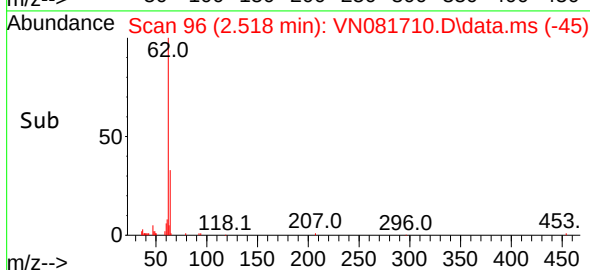
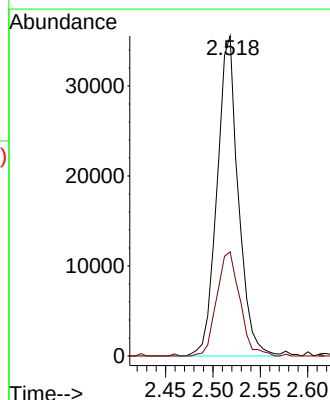
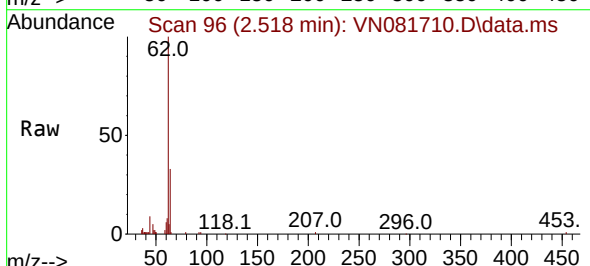
Acq: 12 Apr 2024 12:08

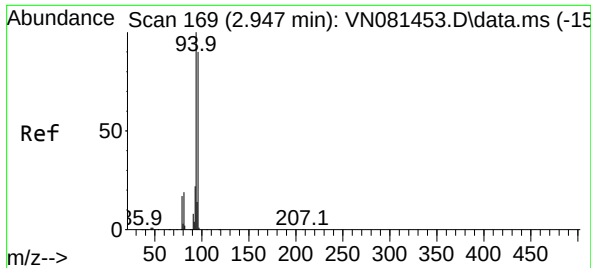
Tgt Ion: 62 Resp: 55629

Ion Ratio Lower Upper

62 100

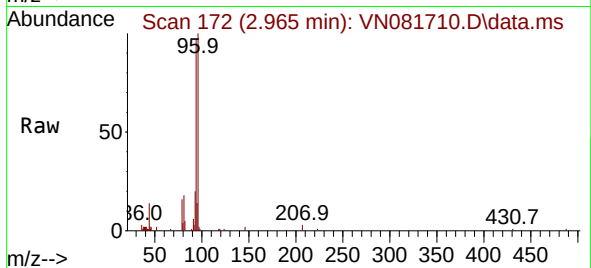
64 32.5 22.7 34.1





#5
Bromomethane
Concen: 17.182 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

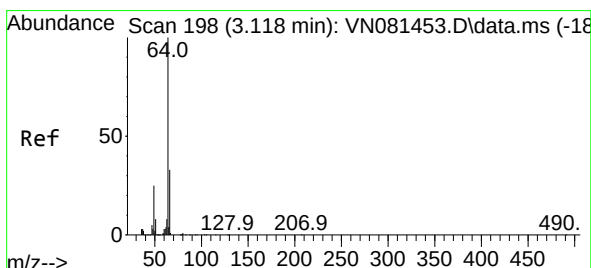
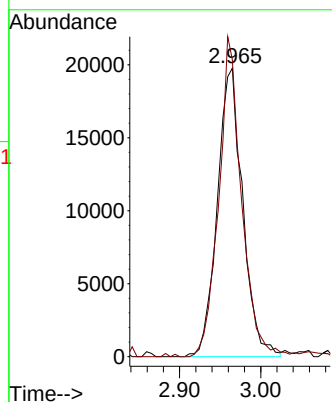
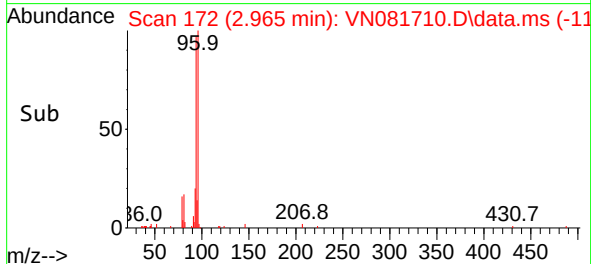
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 4293
Ion Ratio Lower Upper
94 100
96 102.9 69.2 103.8

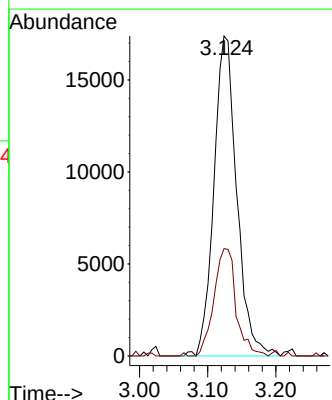
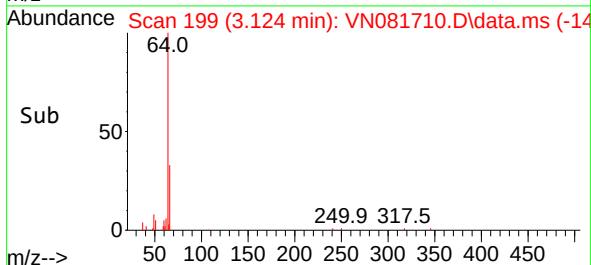
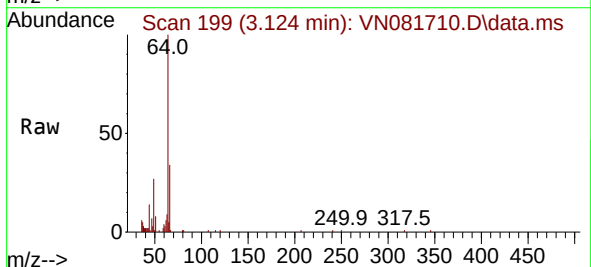
Manual Integrations
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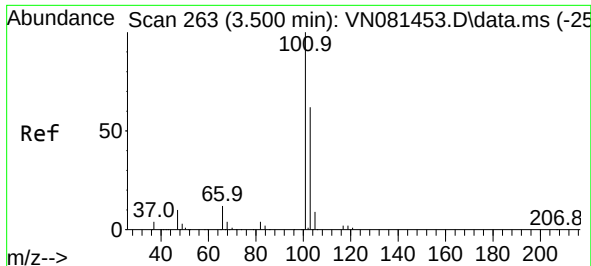
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#6
Chloroethane
Concen: 16.738 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

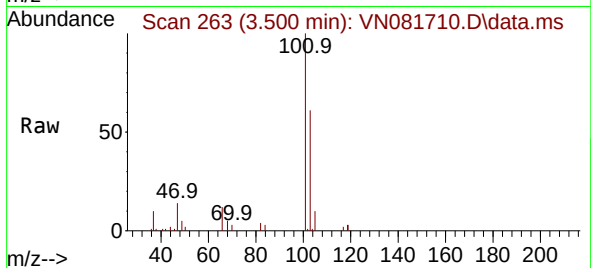
Tgt Ion: 64 Resp: 40608
Ion Ratio Lower Upper
64 100
66 33.5 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 8.334 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08

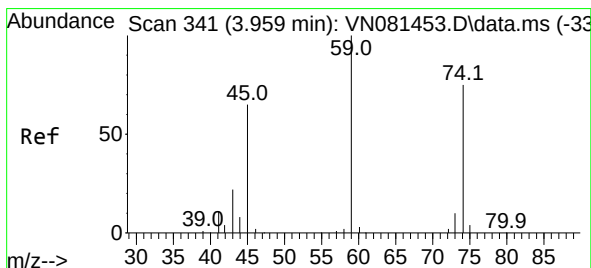
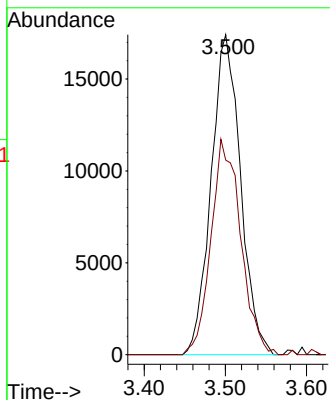
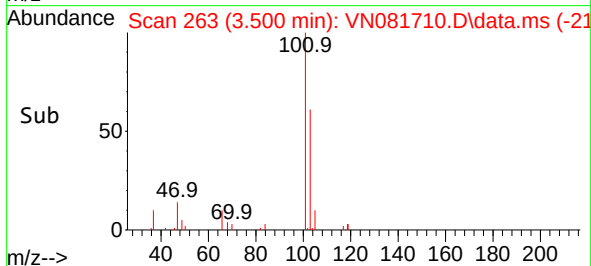
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02



Tgt Ion: 101 Resp: 43889
 Ion Ratio Lower Upper
 101 100
 103 60.8 54.4 81.6

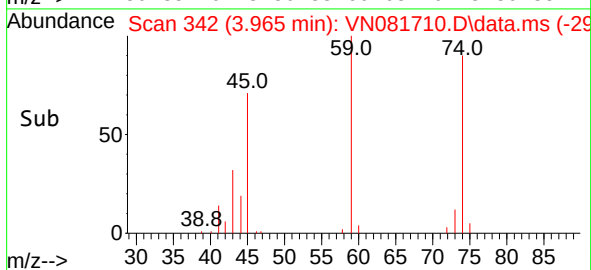
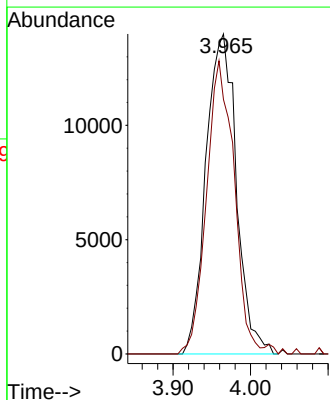
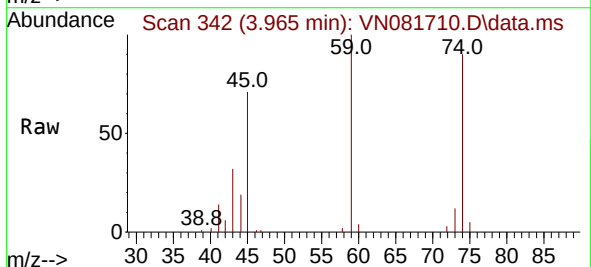
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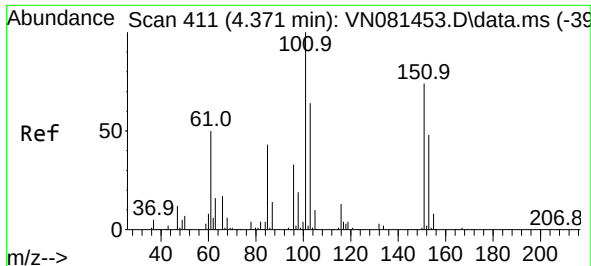
Reviewed By : John Carlone 04/15/2024
 Supervised By : Mahesh Dadoda 04/15/2024



#8
 Diethyl Ether
 Concen: 21.886 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 38142
 Ion Ratio Lower Upper
 74 100
 45 83.3 53.3 159.9





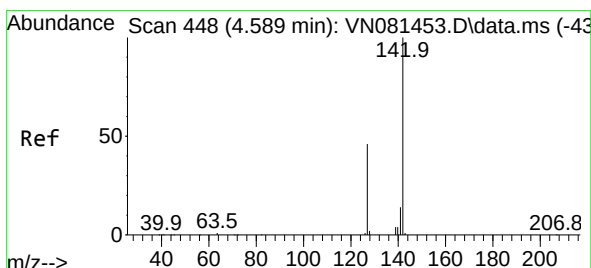
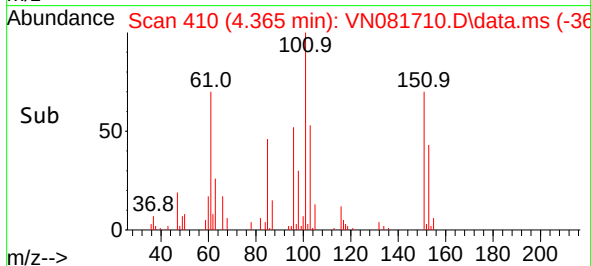
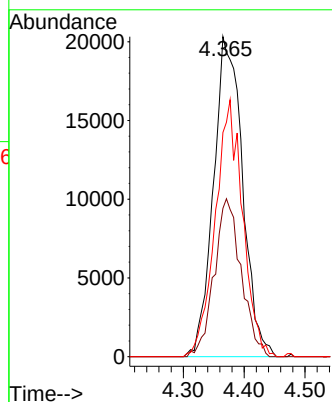
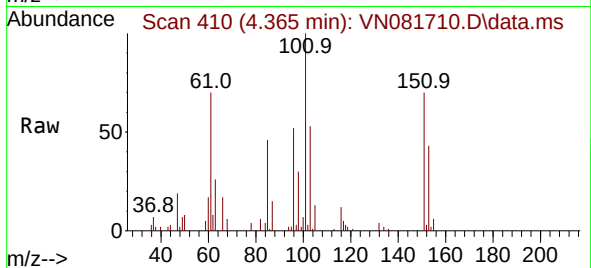
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.461 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion:101 Resp: 67208
Ion Ratio Lower Upper
101 100
85 46.0 38.1 57.1
151 75.8 49.1 73.7

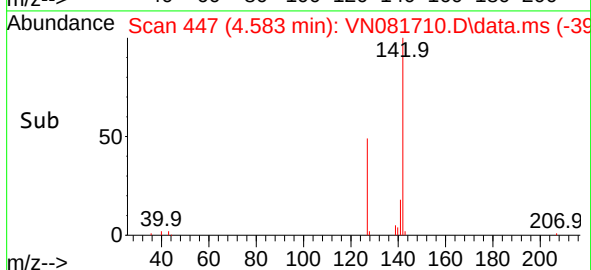
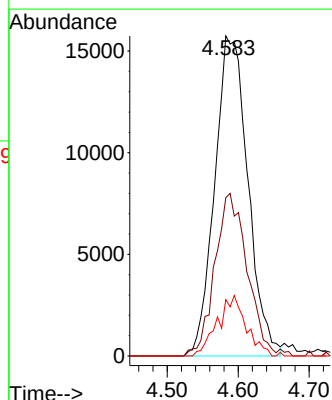
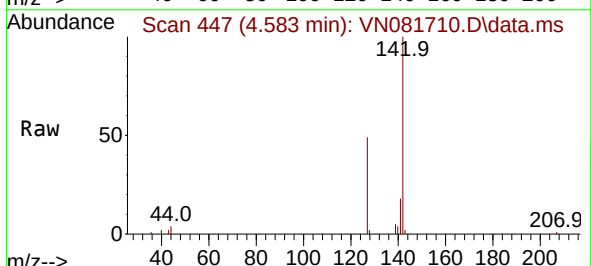
Manual Integrations
APPROVED

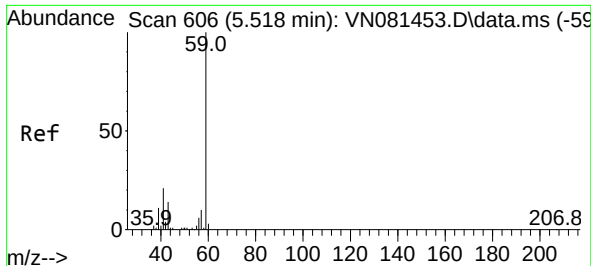
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#10
Methyl Iodide
Concen: 17.142 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

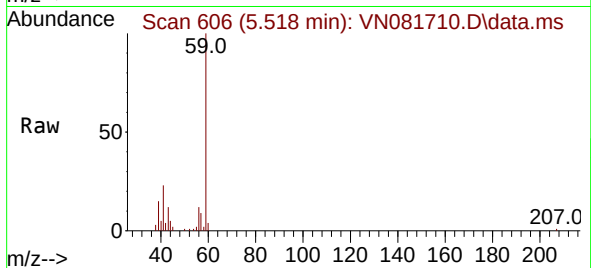
Tgt Ion:142 Resp: 51080
Ion Ratio Lower Upper
142 100
127 49.4 37.0 55.4
141 17.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 102.033 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

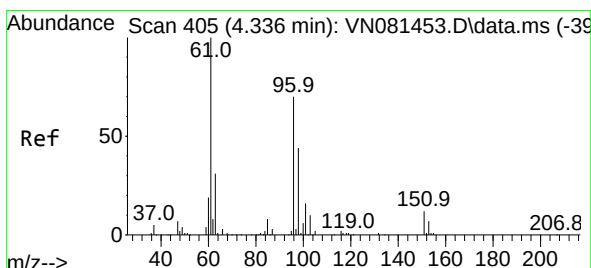
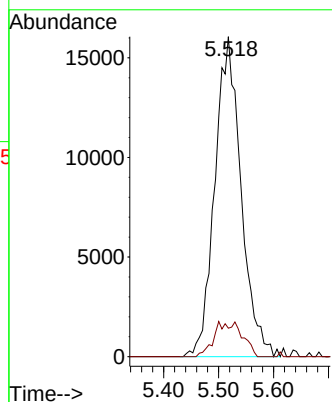
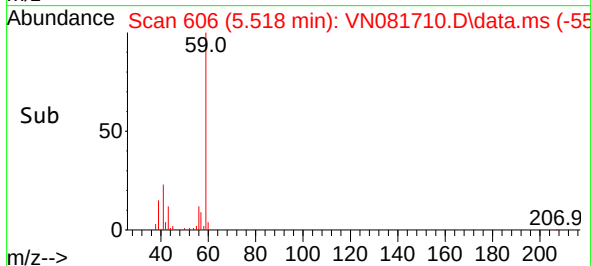
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



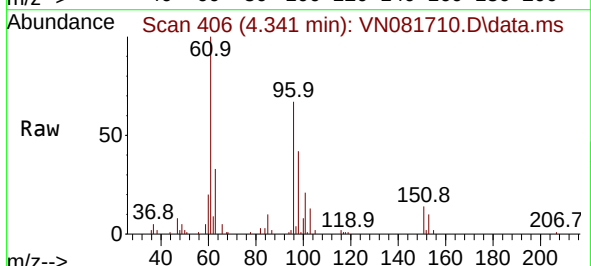
Tgt Ion: 59 Resp: 53254
Ion Ratio Lower Upper
59 100
57 6.2 8.6 12.8

Manual Integrations
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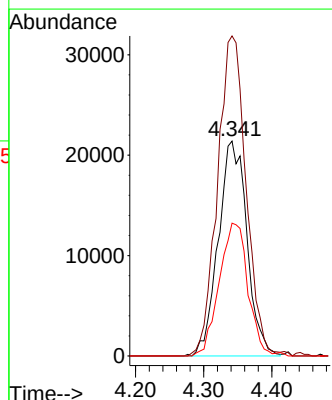
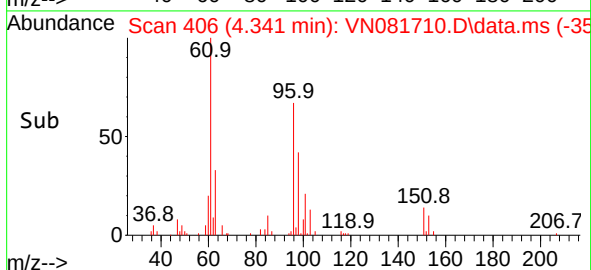
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

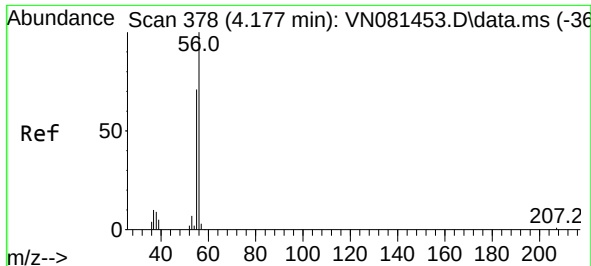


#12
1,1-Dichloroethene
Concen: 22.550 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08



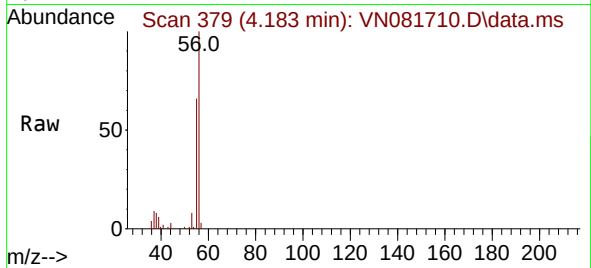
Tgt Ion: 96 Resp: 62500
Ion Ratio Lower Upper
96 100
61 148.9 138.2 207.4
98 61.8 49.2 73.8





#13
Acrolein
Concen: 153.944 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

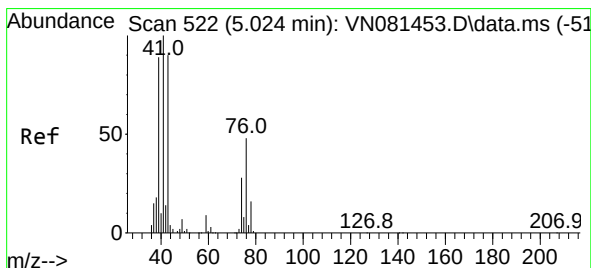
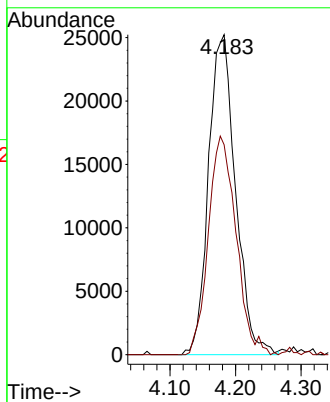
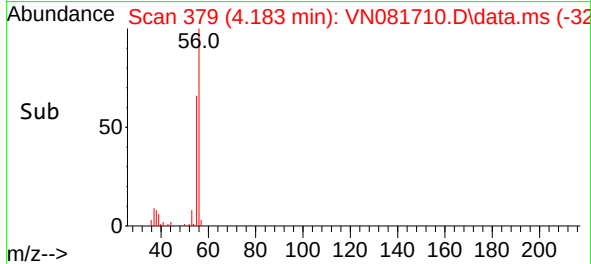
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 56 Resp: 72098
Ion Ratio Lower Upper
56 100
55 70.1 55.3 82.9

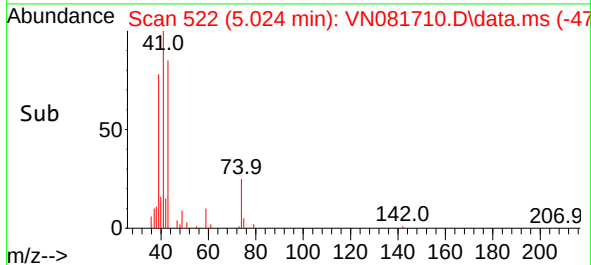
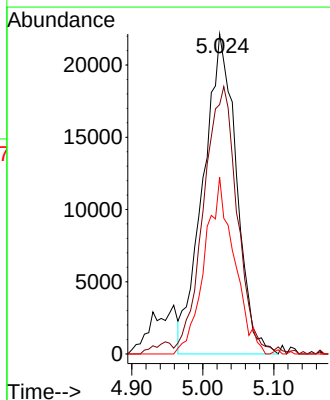
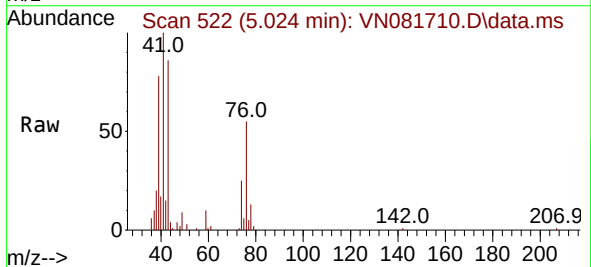
Manual Integrations
APPROVED

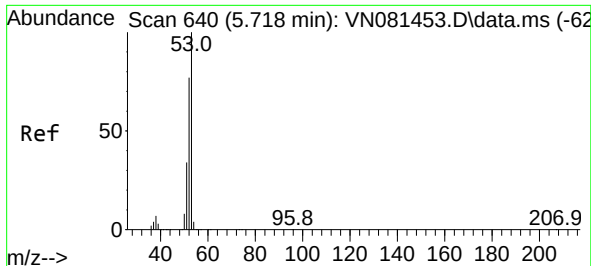
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#14
Allyl chloride
Concen: 20.714 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

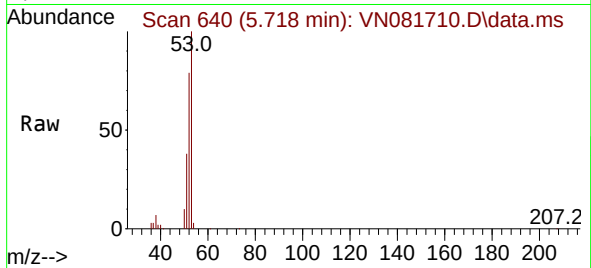
Tgt Ion: 41 Resp: 71941
Ion Ratio Lower Upper
41 100
39 85.3 57.7 86.5
76 49.1 26.8 40.2#





#15
Acrylonitrile
Concen: 111.000 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

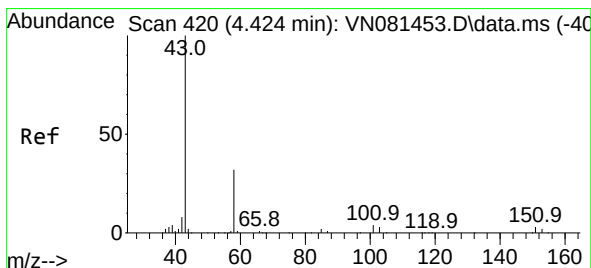
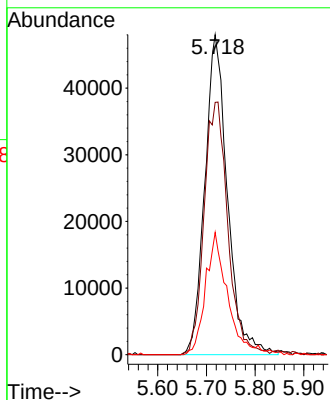
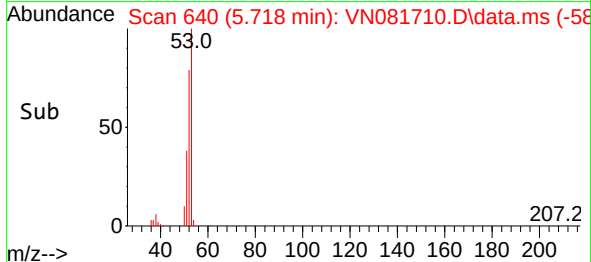
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 53 Resp: 154989
Ion Ratio Lower Upper
53 100
52 82.7 64.8 97.2
51 36.9 26.9 40.3

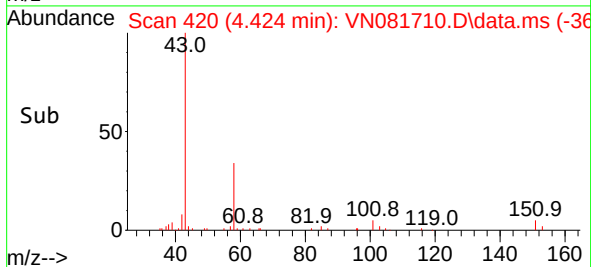
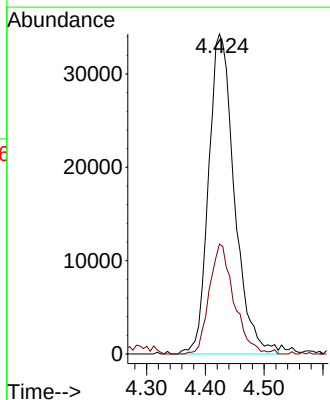
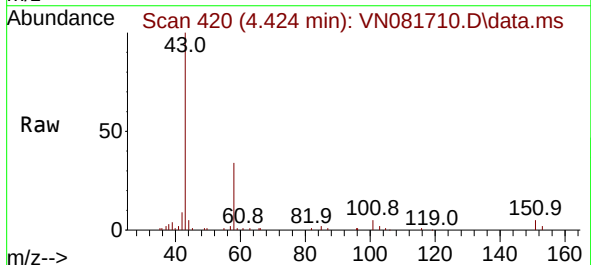
Manual Integrations
APPROVED

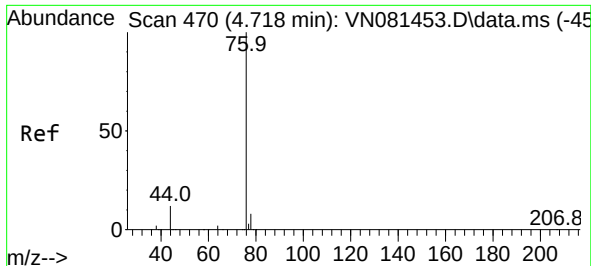
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#16
Acetone
Concen: 108.149 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

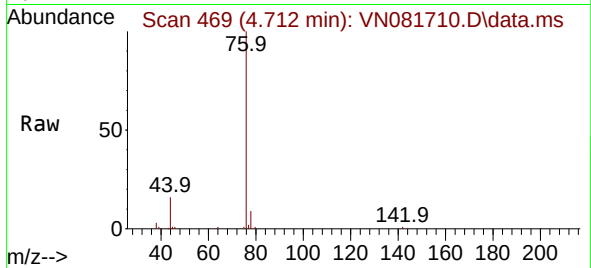
Tgt Ion: 43 Resp: 104678
Ion Ratio Lower Upper
43 100
58 34.4 24.8 37.2





#17
Carbon Disulfide
Concen: 21.197 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

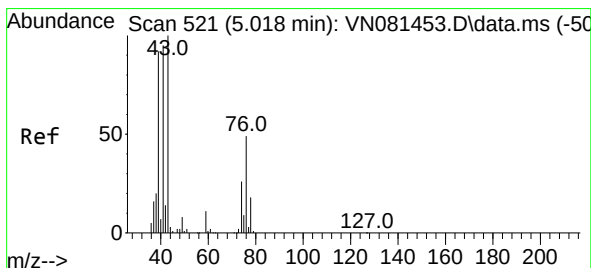
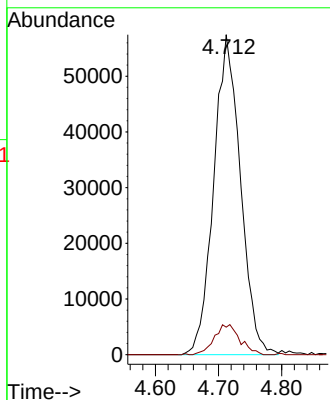
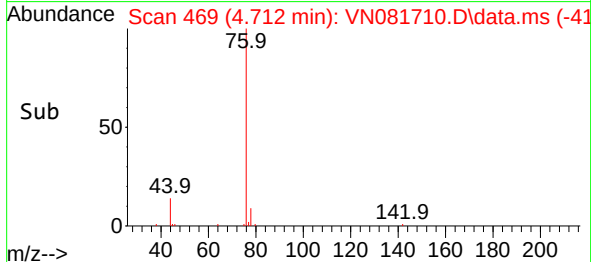
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 76 Resp: 168592
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5

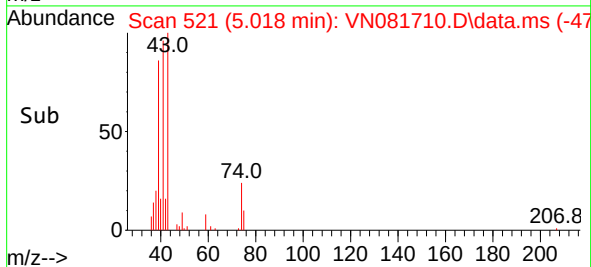
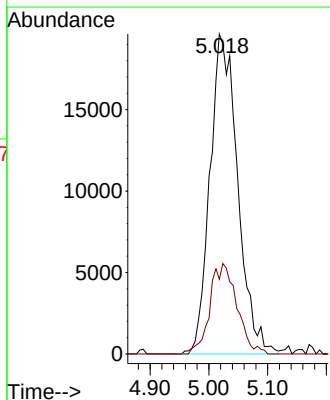
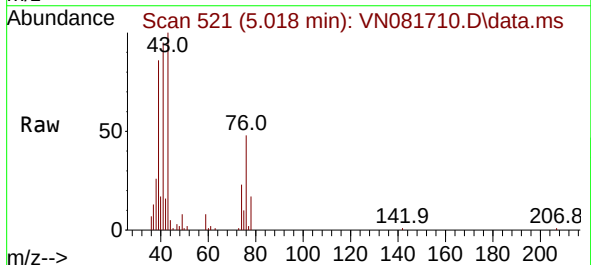
Manual Integrations
APPROVED

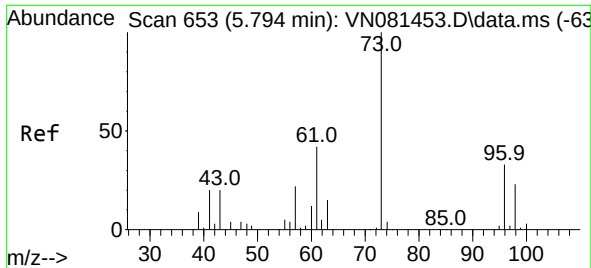
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#18
Methyl Acetate
Concen: 21.573 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion: 43 Resp: 64374
Ion Ratio Lower Upper
43 100
74 27.3 17.3 25.9#





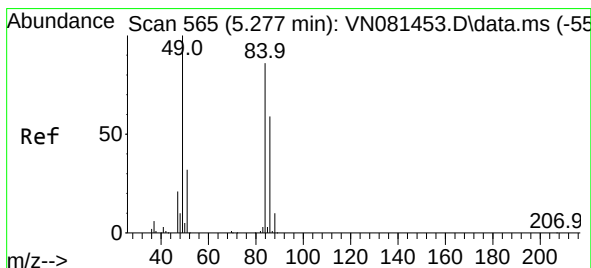
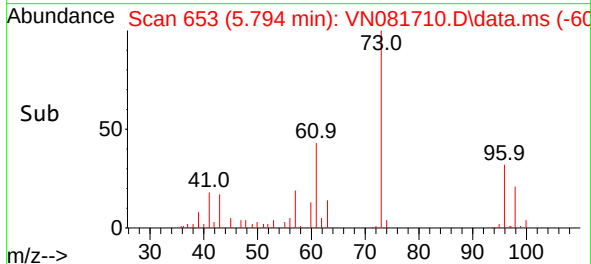
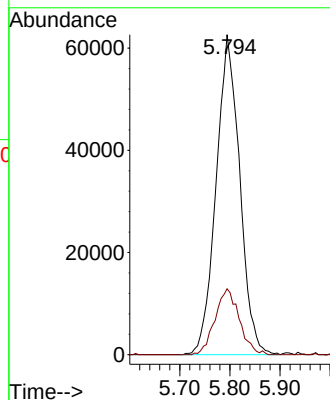
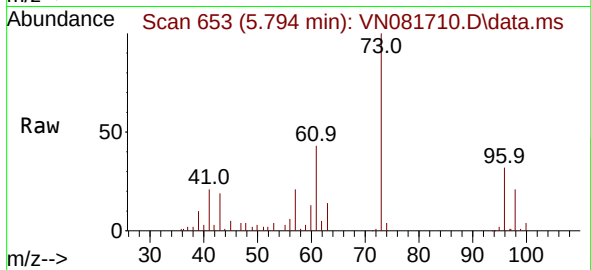
#19
Methyl tert-butyl Ether
Concen: 23.582 ug/l
RT: 5.794 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion: 73 Resp: 204549
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.4

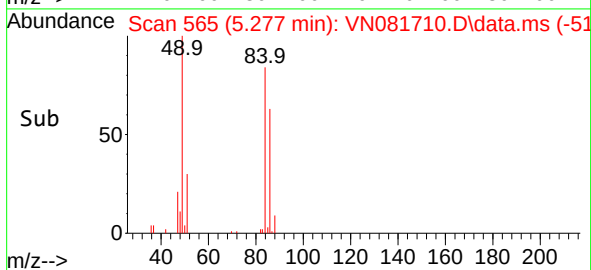
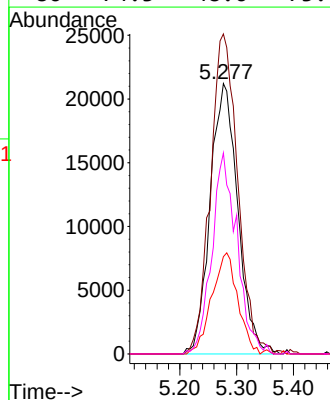
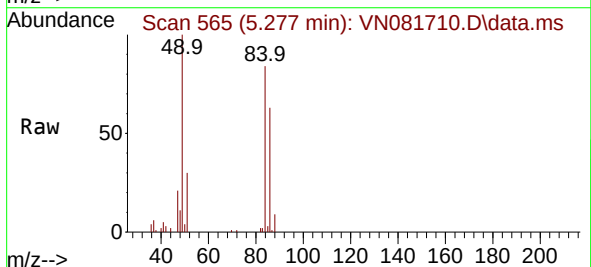
Manual Integrations
APPROVED

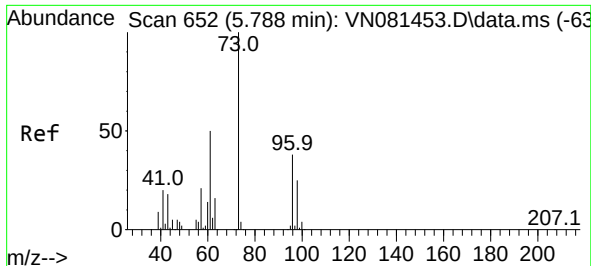
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#20
Methylene Chloride
Concen: 22.626 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

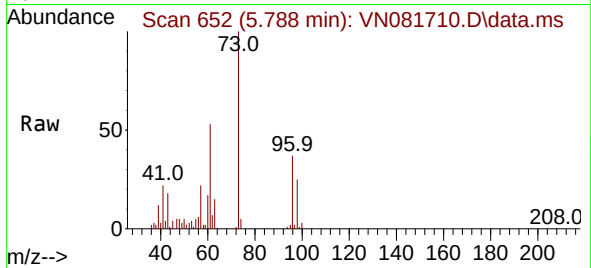
Tgt Ion: 84 Resp: 71737
Ion Ratio Lower Upper
84 100
49 118.4 108.1 162.1
51 36.0 32.9 49.3
86 74.3 48.6 73.0#





#21
trans-1,2-Dichloroethene
Concen: 21.476 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

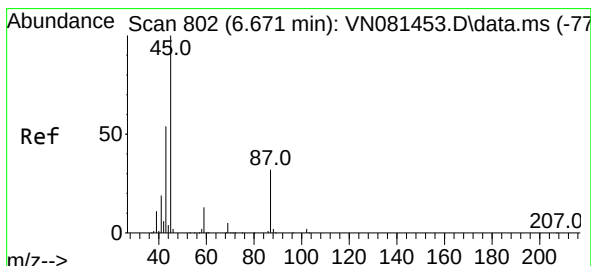
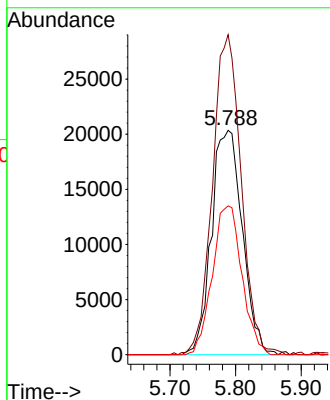
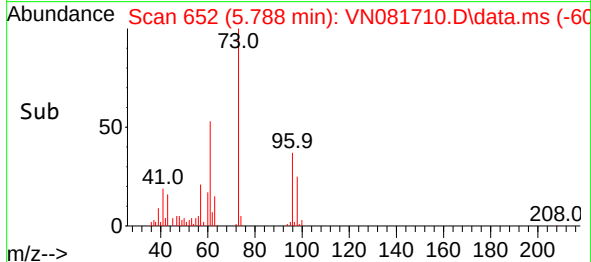
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 96 Resp: 66369
Ion Ratio Lower Upper
96 100
61 142.6 112.8 169.2
98 66.3 51.0 76.4

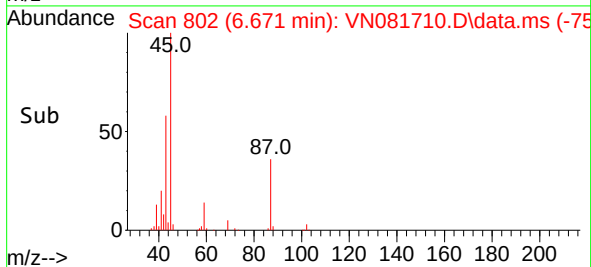
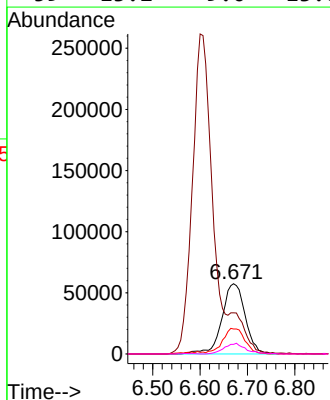
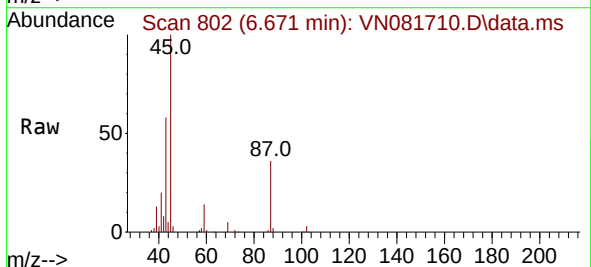
Manual Integrations
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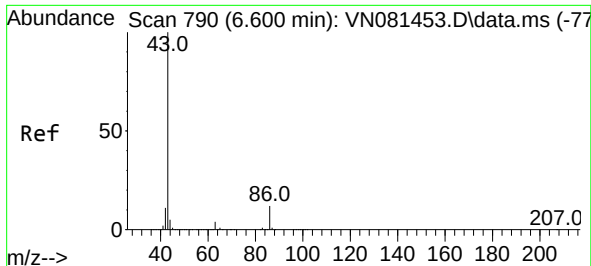
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#22
Diisopropyl ether
Concen: 24.188 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

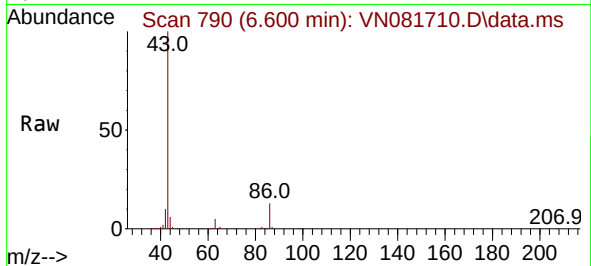
Tgt Ion: 45 Resp: 195188
Ion Ratio Lower Upper
45 100
43 57.3 41.8 62.8
87 35.5 18.1 27.1#
59 13.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 117.739 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08

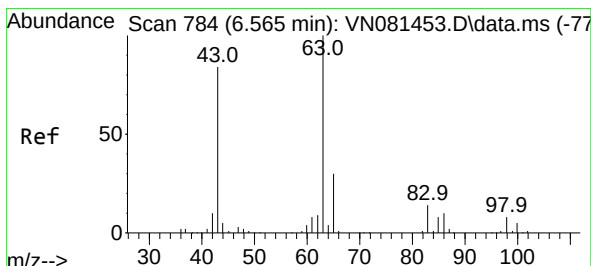
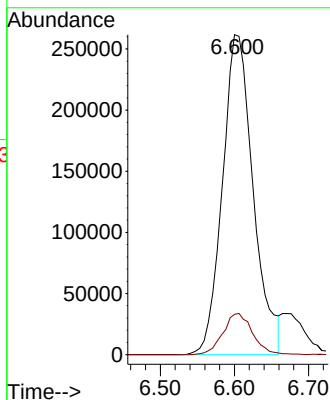
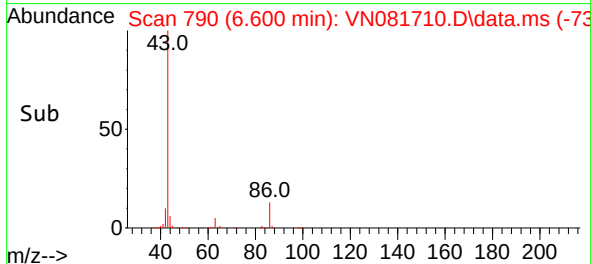
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02



Tgt Ion: 43 Resp: 75626
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.1 10.7

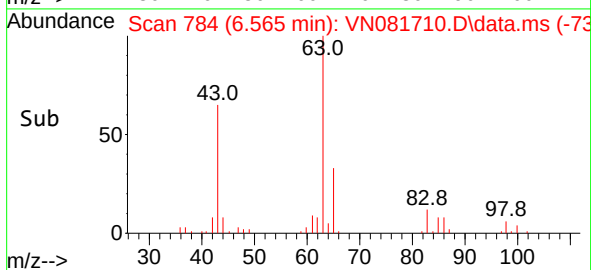
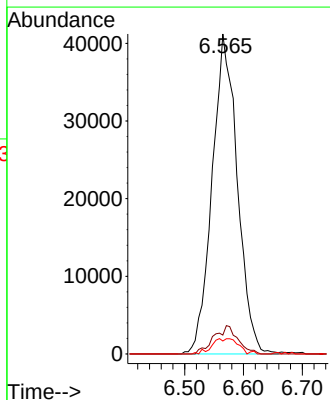
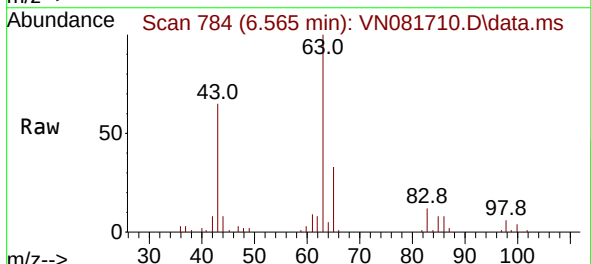
Manual Integrations
 APPROVED

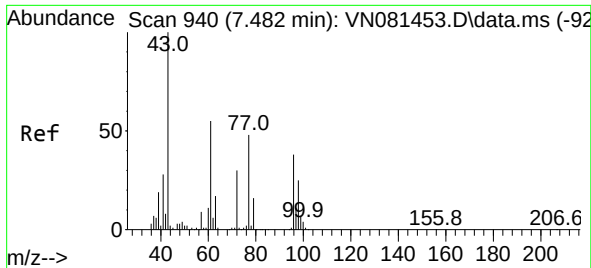
Reviewed By :John Carlone 04/15/2024
 Supervised By :Mahesh Dadoda 04/15/2024



#24
 1,1-Dichloroethane
 Concen: 22.704 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08

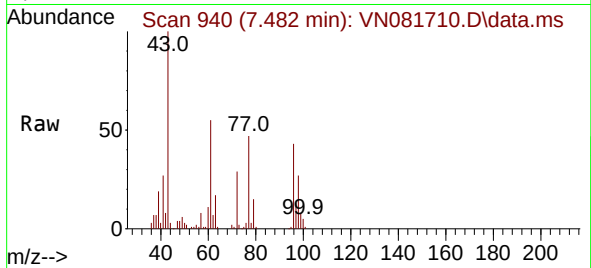
Tgt Ion: 63 Resp: 122711
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.6
 100 4.0 1.9 5.7





#25
2-Butanone
Concen: 111.290 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

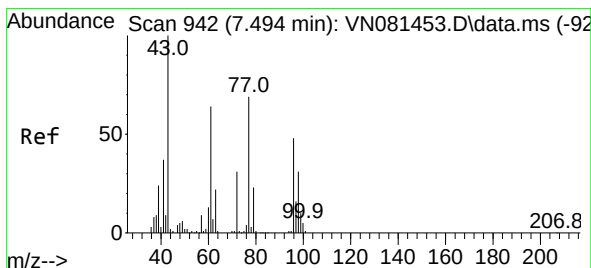
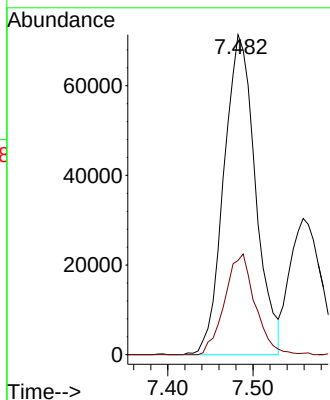
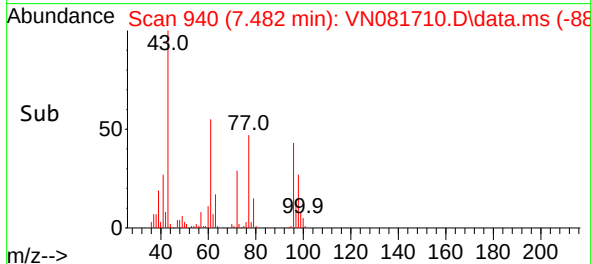
Instrument :
MSVOA_N
Client Sample Id :
VN0412WBS02



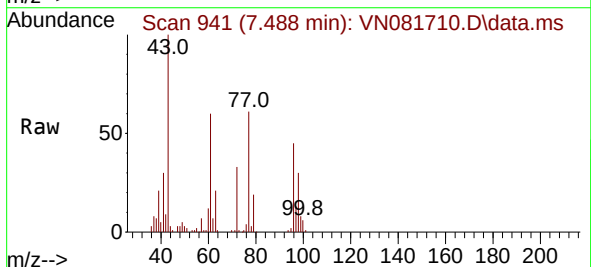
Tgt Ion: 43 Resp: 184758
Ion Ratio Lower Upper
43 100
72 29.4 19.5 29.3

Manual Integrations
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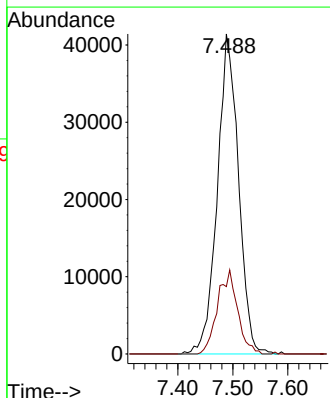
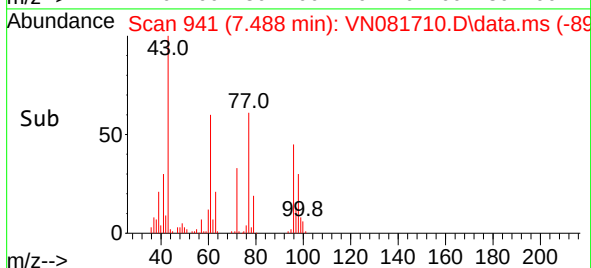
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

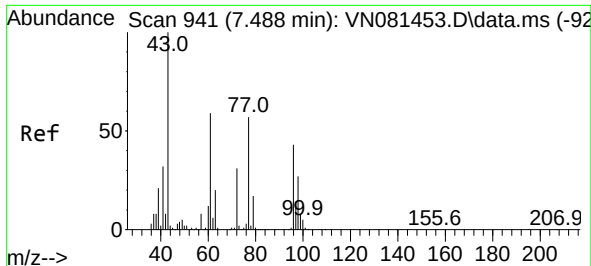


#26
2,2-Dichloropropane
Concen: 23.621 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08



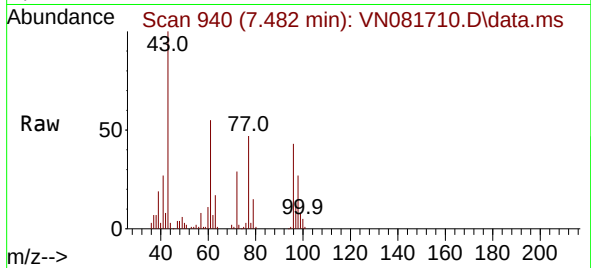
Tgt Ion: 77 Resp: 110733
Ion Ratio Lower Upper
77 100
97 24.9 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 23.393 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

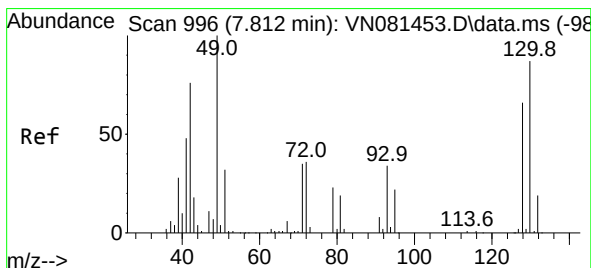
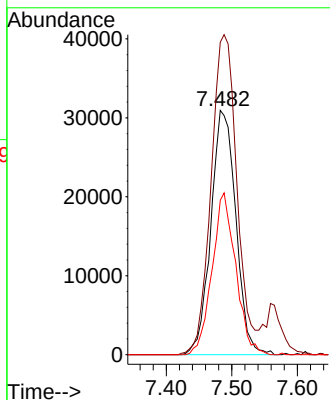
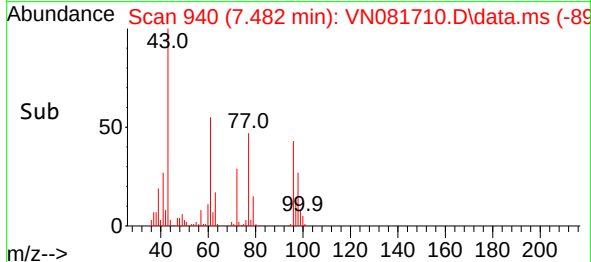
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 96 Resp: 81793
Ion Ratio Lower Upper
96 100
61 134.6 0.0 325.4
98 62.6 0.0 130.4

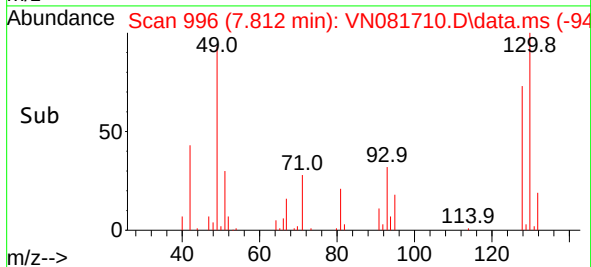
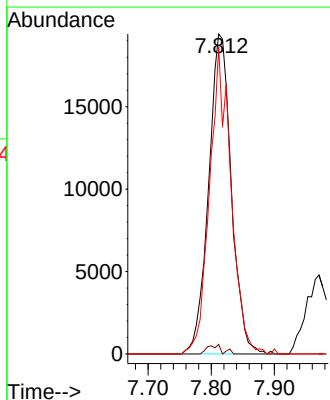
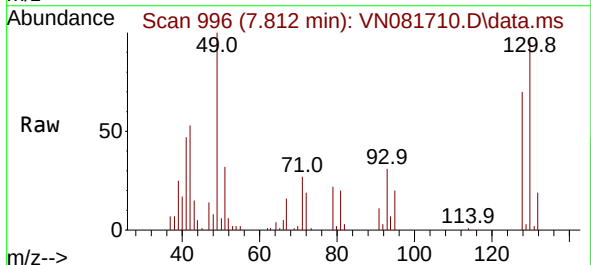
Manual Integrations
APPROVED

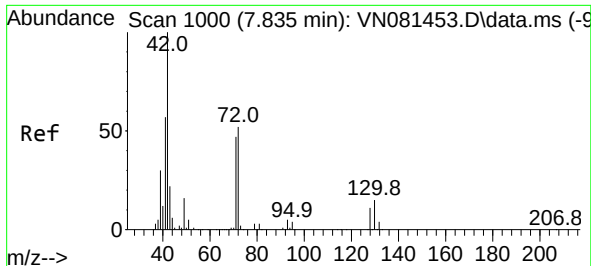
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#28
Bromochloromethane
Concen: 22.059 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion: 49 Resp: 48563
Ion Ratio Lower Upper
49 100
129 1.6 0.0 1.6#
130 90.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 108.642 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion: 42 Resp: 121504

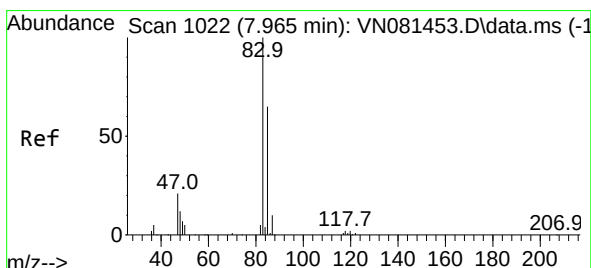
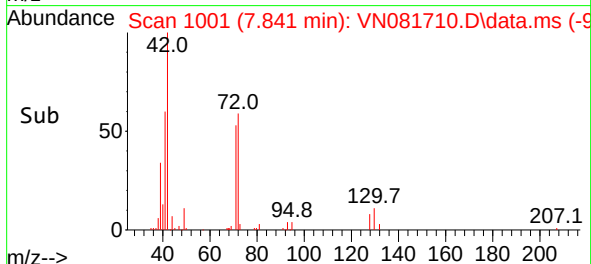
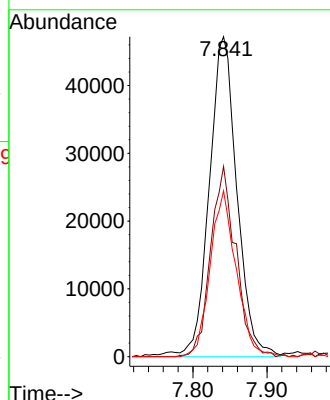
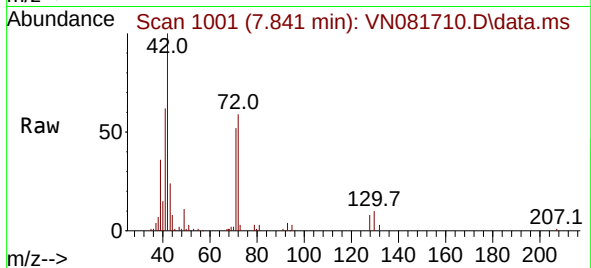
Ion	Ratio	Lower	Upper
42	100		
72	54.8	31.1	46.7
71	49.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#30

Chloroform

Concen: 25.145 ug/l

RT: 7.971 min Scan# 1023

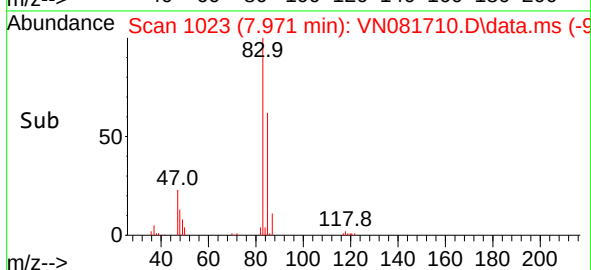
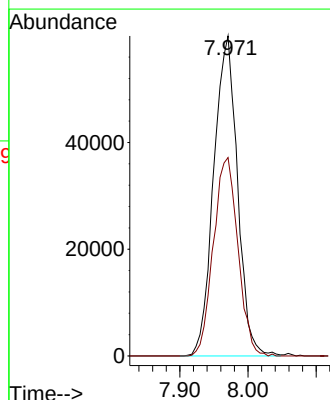
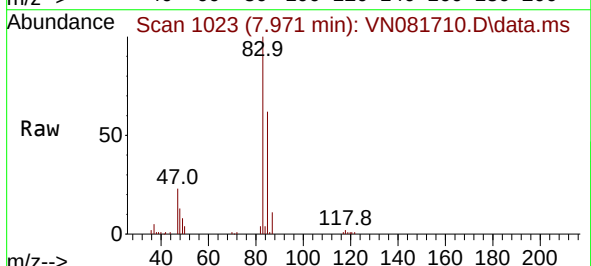
Delta R.T. 0.006 min

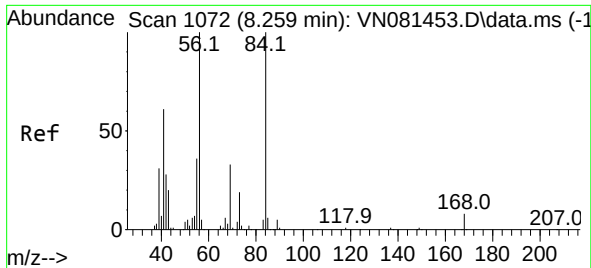
Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Tgt Ion: 83 Resp: 145490

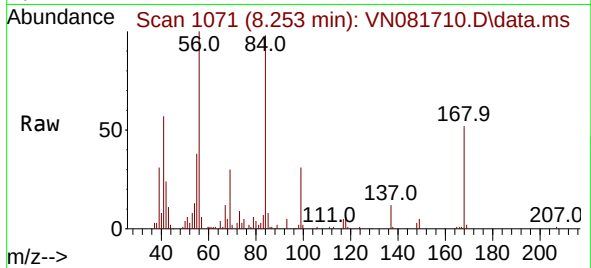
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.0	76.6





#31
Cyclohexane
Concen: 20.897 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

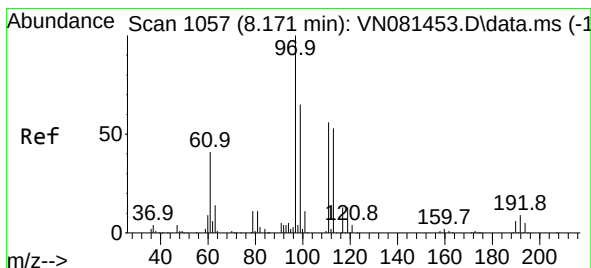
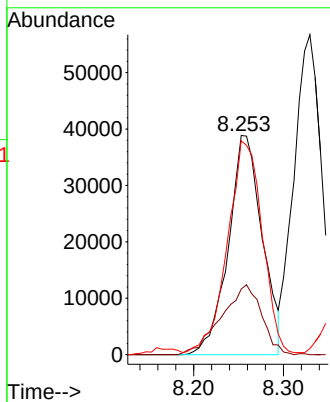
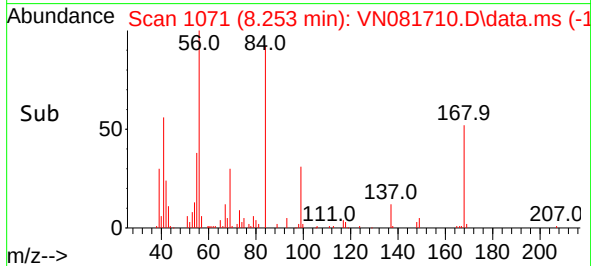
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 56 Resp: 101844
Ion Ratio Lower Upper
56 100
69 29.9 20.1 30.1
84 95.6 56.9 85.3

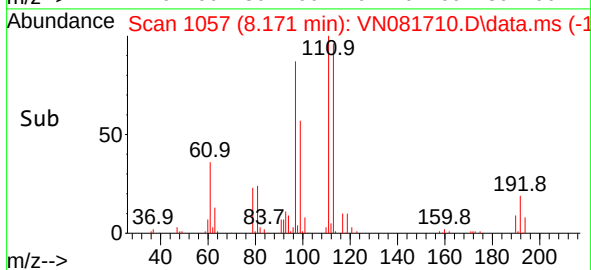
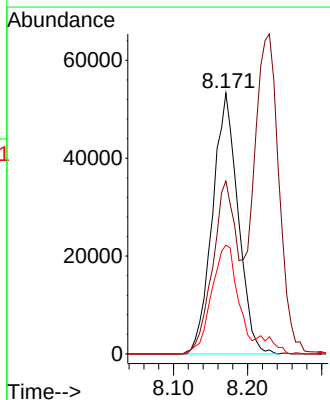
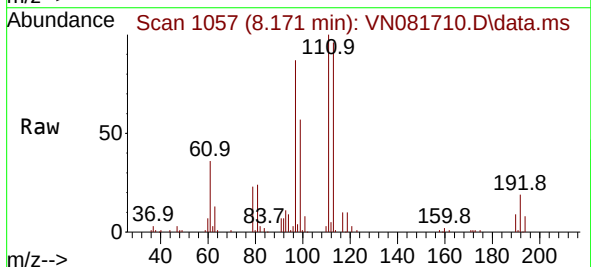
Manual Integrations
APPROVED

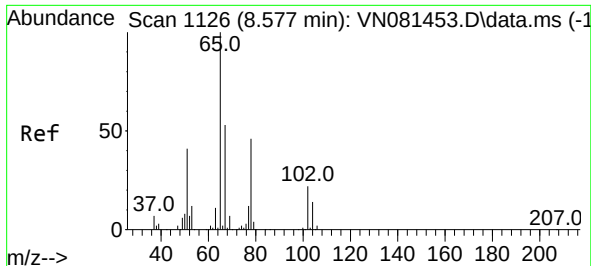
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#32
1,1,1-Trichloroethane
Concen: 24.378 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion: 97 Resp: 127973
Ion Ratio Lower Upper
97 100
99 59.4 53.4 80.0
61 42.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 58.341 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion: 65 Resp: 174729

Ion Ratio Lower Upper

65 100

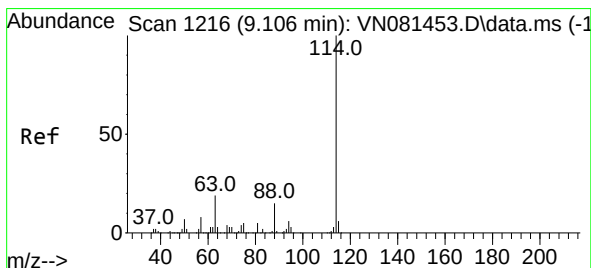
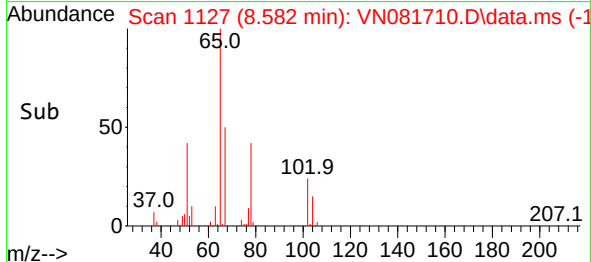
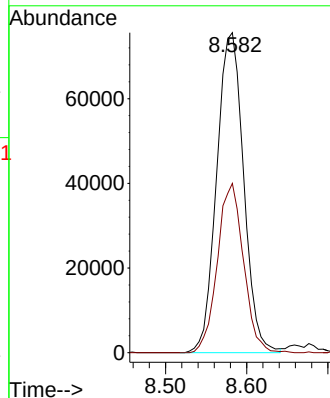
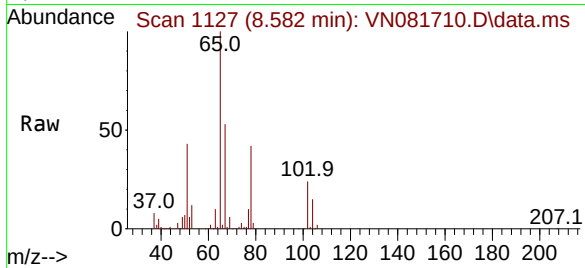
67 51.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

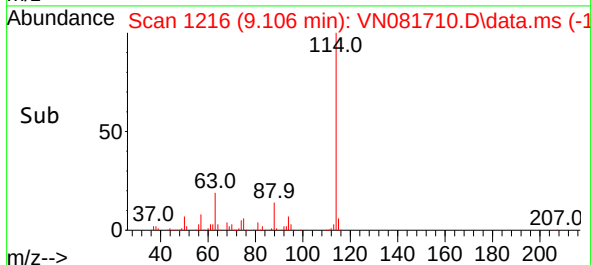
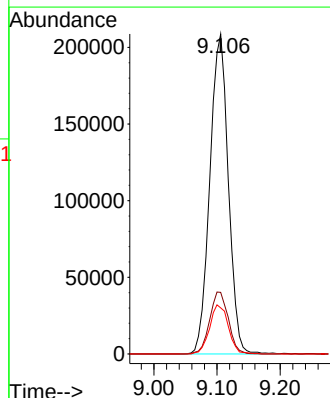
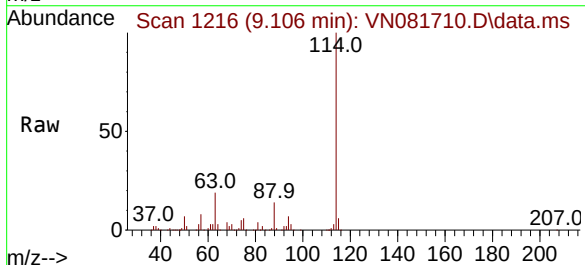
Tgt Ion:114 Resp: 423988

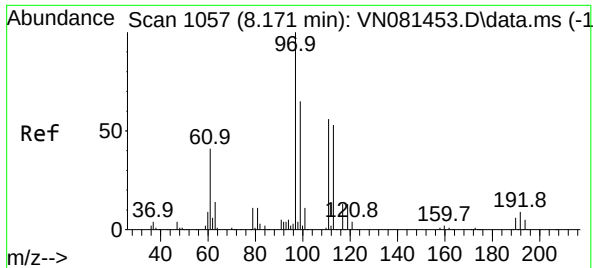
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

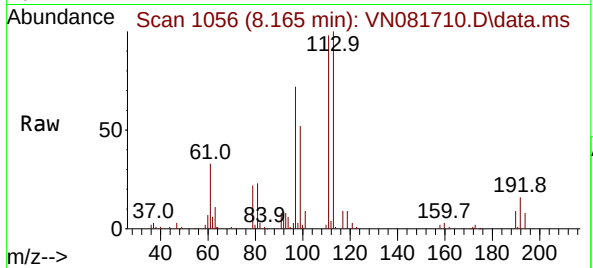
88 14.4 0.0 34.8





#35
Dibromofluoromethane
Concen: 55.207 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

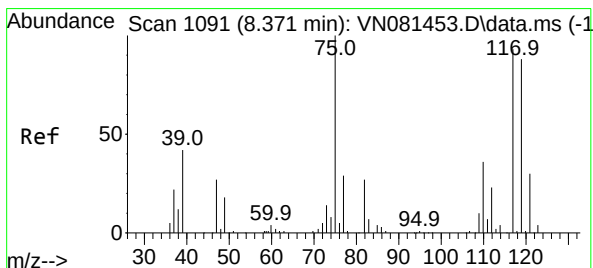
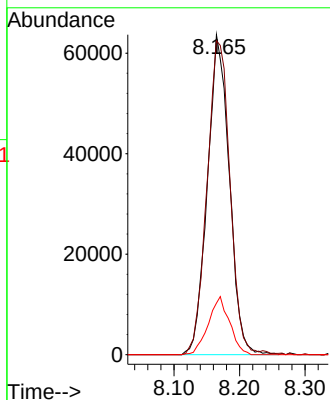
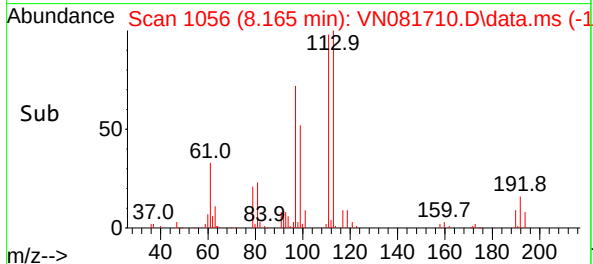
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 113 Resp: 14772
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.6 12.5 18.7

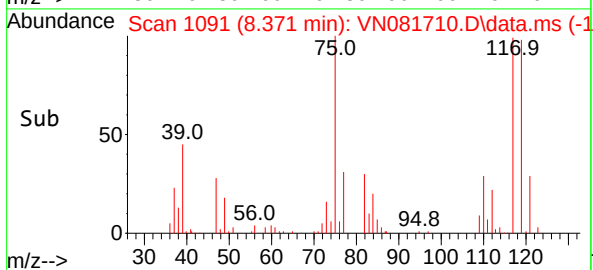
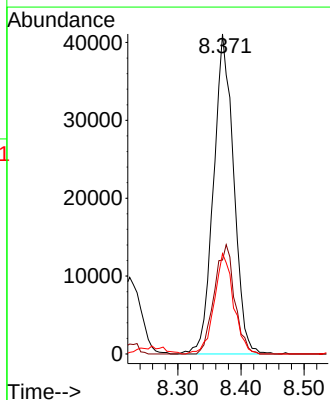
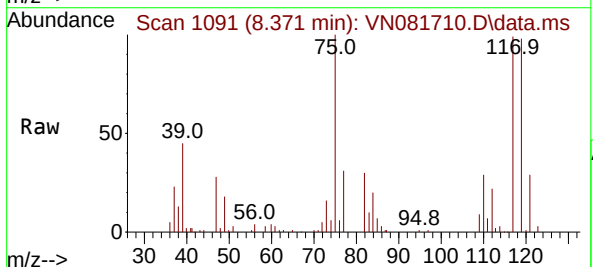
Manual Integrations
APPROVED

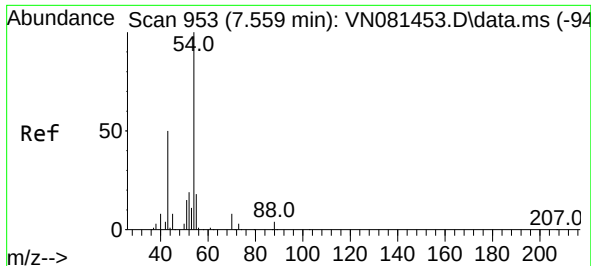
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#36
1,1-Dichloropropene
Concen: 20.256 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

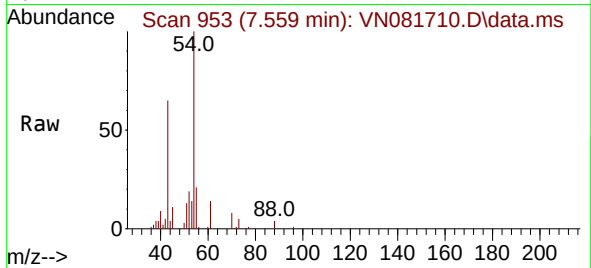
Tgt Ion: 75 Resp: 91213
Ion Ratio Lower Upper
75 100
110 34.2 16.0 48.0
77 30.2 25.8 38.6





#37
Ethyl Acetate
Concen: 20.369 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

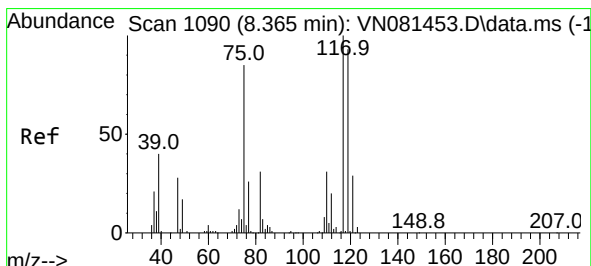
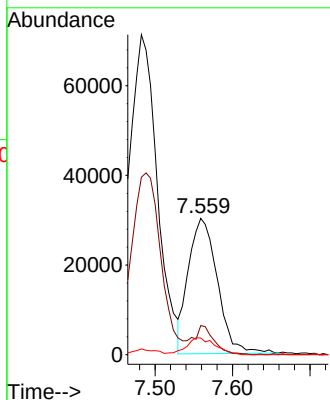
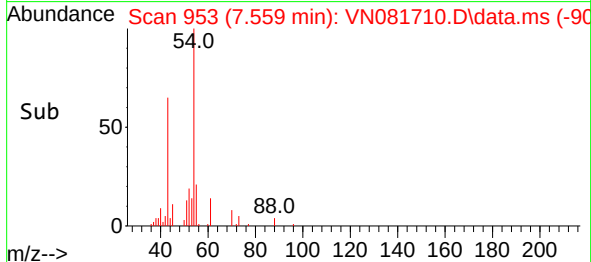
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 43 Resp: 78542
Ion Ratio Lower Upper
43 100
61 14.6 10.6 15.8
70 12.2 8.0 12.0

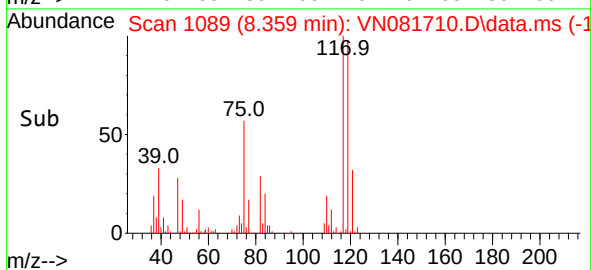
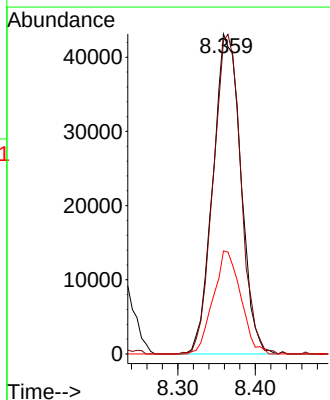
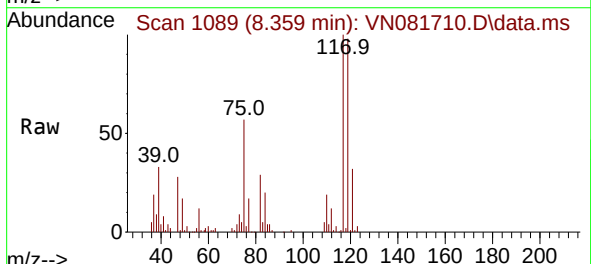
Manual Integrations
APPROVED

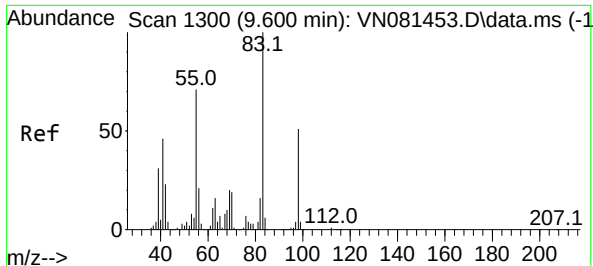
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#38
Carbon Tetrachloride
Concen: 21.894 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion:117 Resp: 108001
Ion Ratio Lower Upper
117 100
119 97.9 73.4 110.2
121 32.2 24.4 36.6





#39

Methylcyclohexane

Concen: 20.668 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081710.D

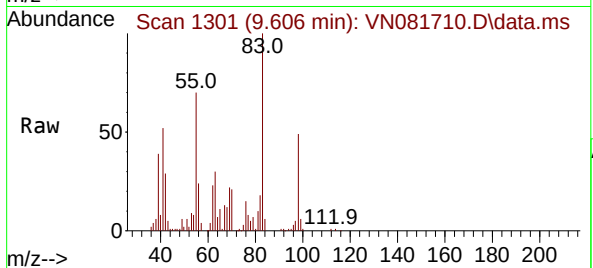
Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02



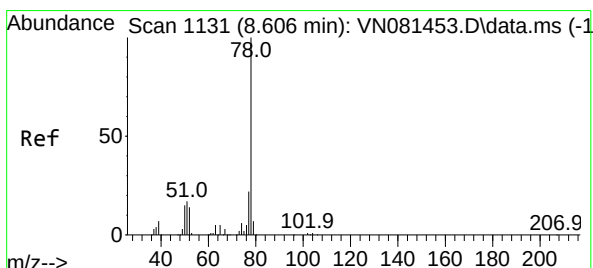
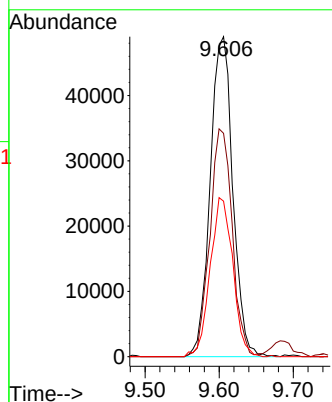
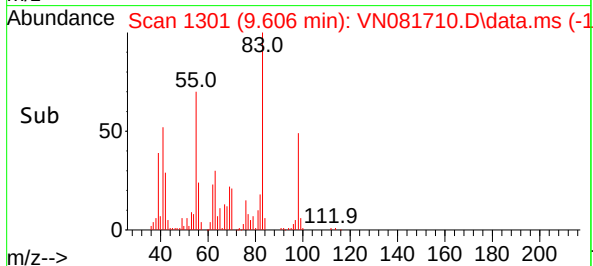
Tgt Ion:	83	Resp:	10393
Ion Ratio	Lower	Upper	
83	100		
55	69.8	65.7	98.5
98	48.6	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#40

Benzene

Concen: 22.551 ug/l

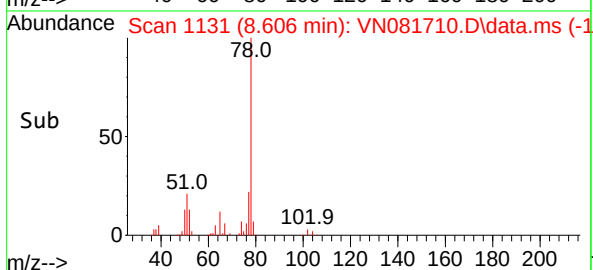
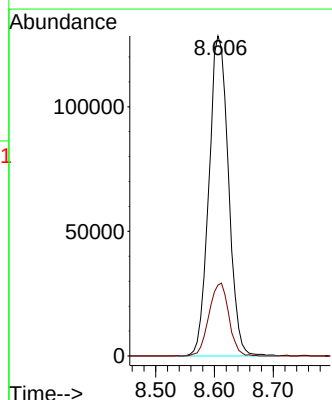
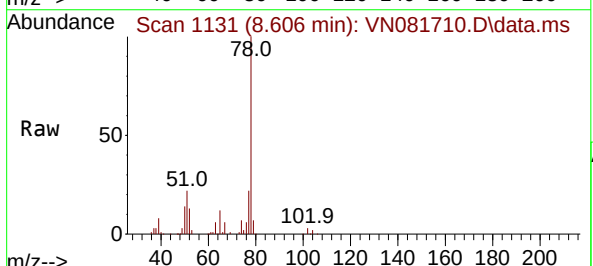
RT: 8.606 min Scan# 1131

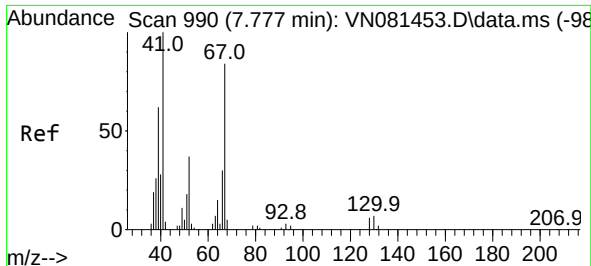
Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

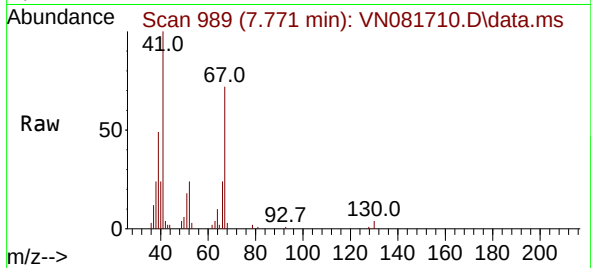
Tgt Ion:	78	Resp:	296886
Ion Ratio	Lower	Upper	
78	100		
77	22.2	20.4	30.6





#41
Methacrylonitrile
Concen: 19.214 ug/l
RT: 7.771 min Scan# 918
Delta R.T. -0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

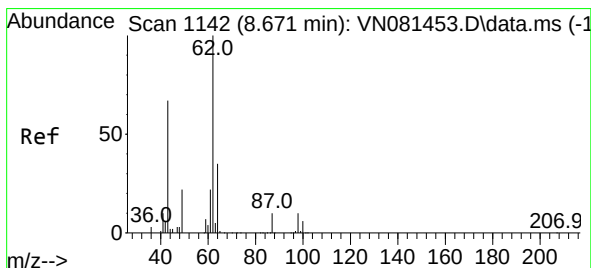
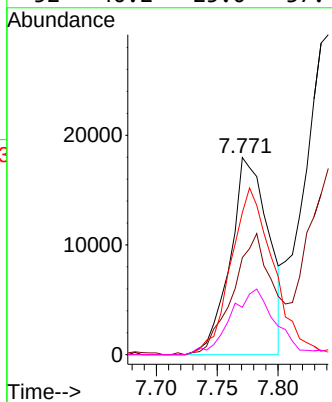
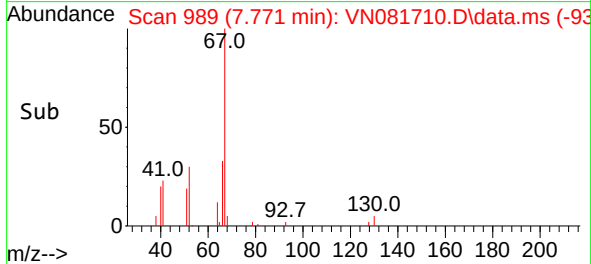
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion:	41	Resp:	3918
Ion	Ratio	Lower	Upper
41	100		
39	64.7	48.4	72.6
67	94.4	56.8	85.2
52	40.2	25.0	37.4

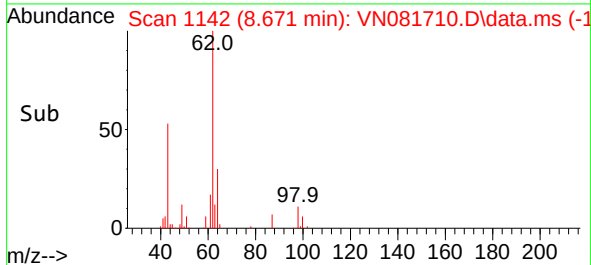
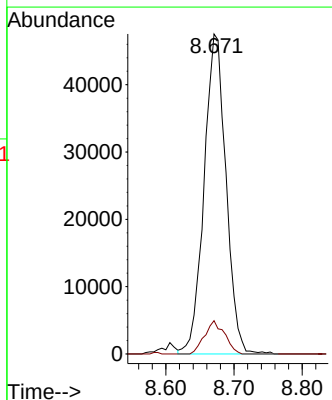
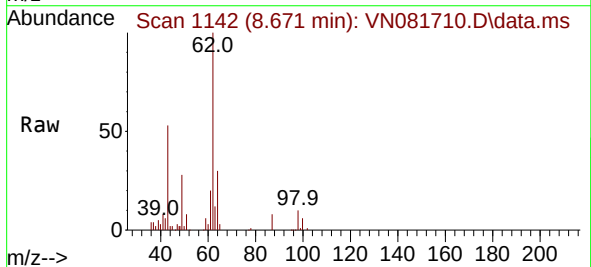
Manual Integrations
APPROVED

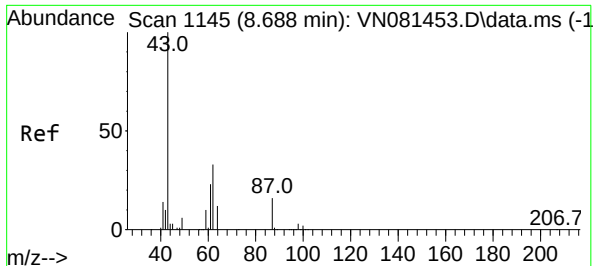
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#42
1,2-Dichloroethane
Concen: 22.967 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

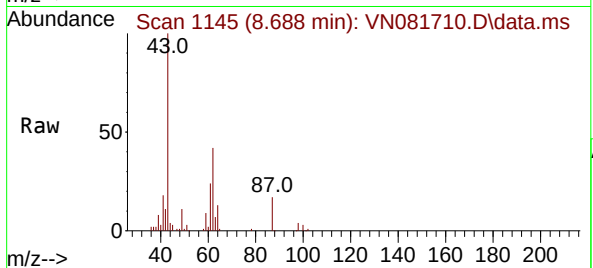
Tgt Ion:	62	Resp:	106408
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0





#43
Isopropyl Acetate
Concen: 21.404 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

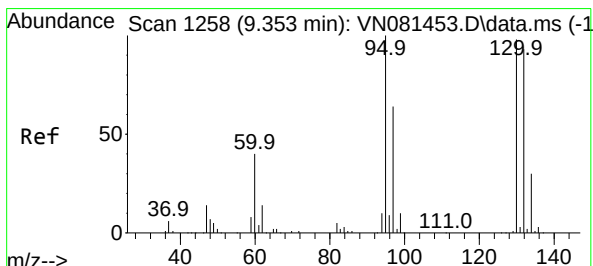
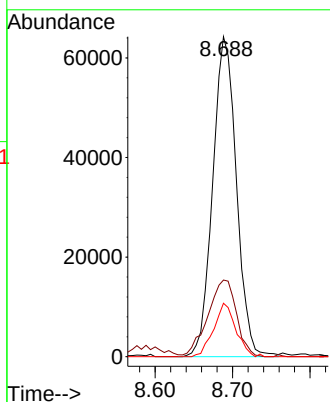
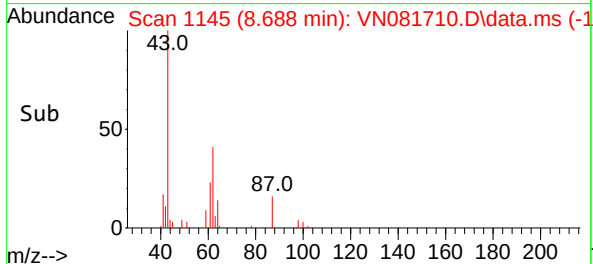
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 43 Resp: 136800
Ion Ratio Lower Upper
43 100
61 28.9 19.9 29.9
87 15.6 9.0 13.6

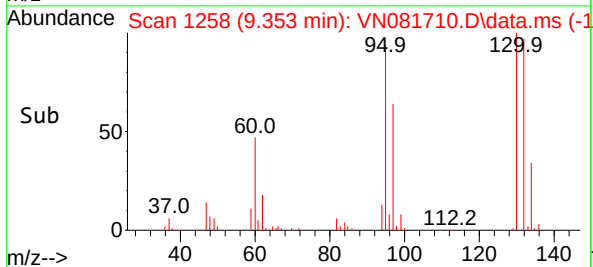
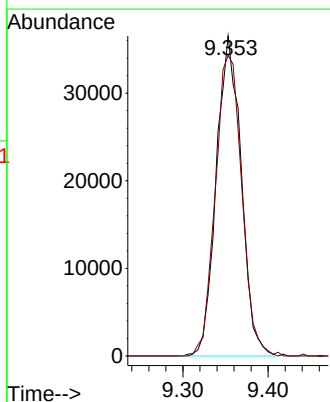
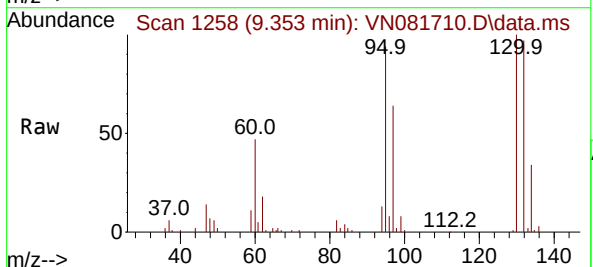
Manual Integrations
APPROVED

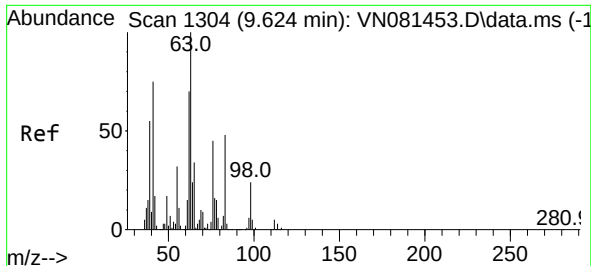
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#44
Trichloroethene
Concen: 20.021 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion:130 Resp: 74132
Ion Ratio Lower Upper
130 100
95 94.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.706 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion: 63 Resp: 69250

Ion Ratio Lower Upper

63 100

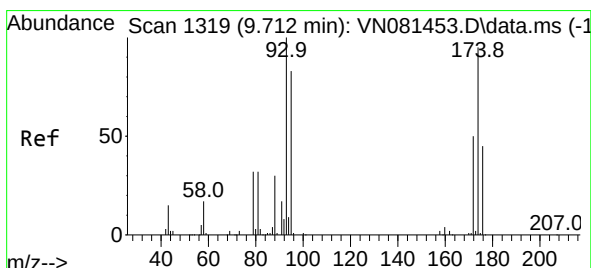
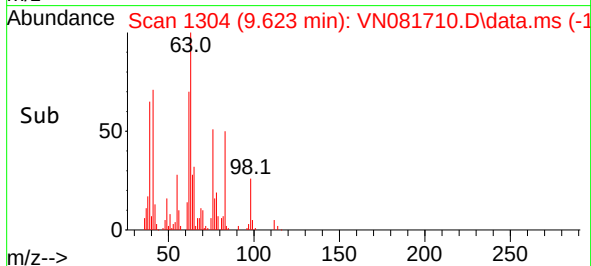
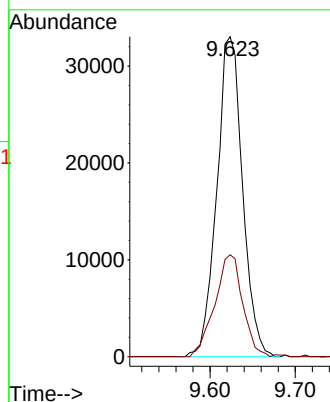
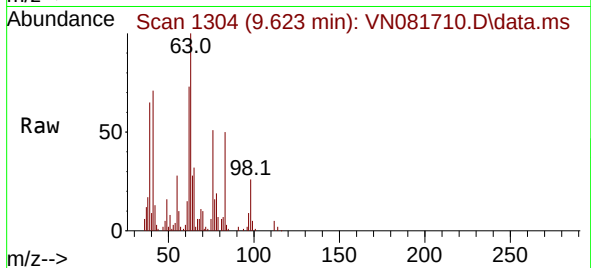
65 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#46

Dibromomethane

Concen: 23.829 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

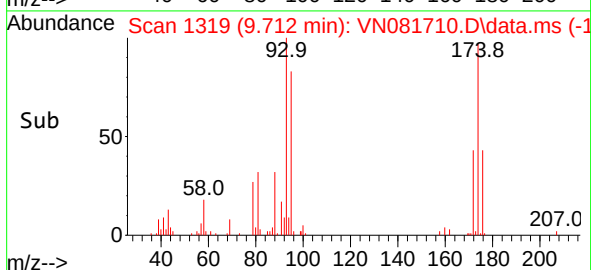
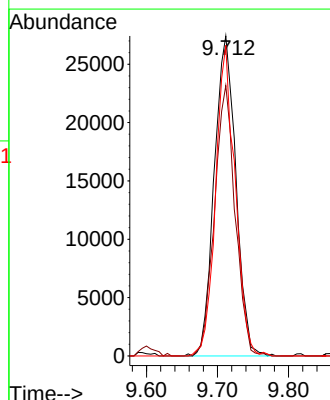
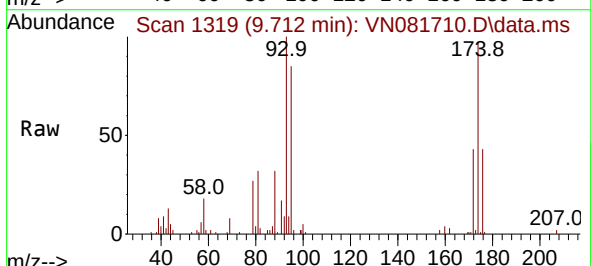
Tgt Ion: 93 Resp: 57738

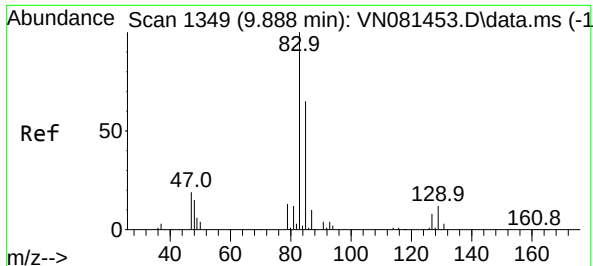
Ion Ratio Lower Upper

93 100

95 81.1 68.1 102.1

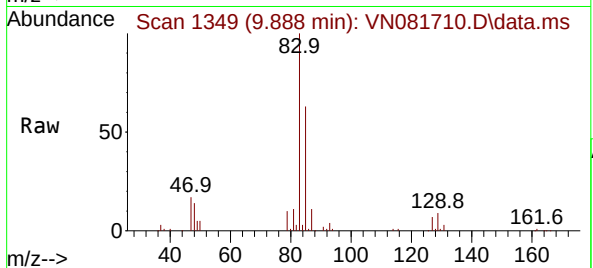
174 88.1 57.2 85.8





#47
Bromodichloromethane
Concen: 24.433 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

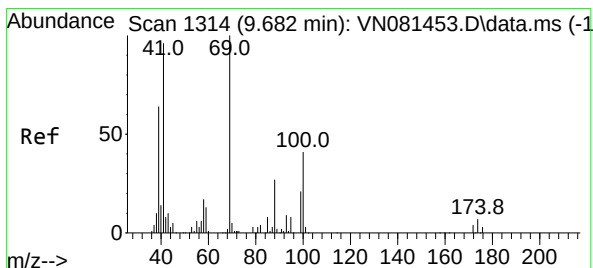
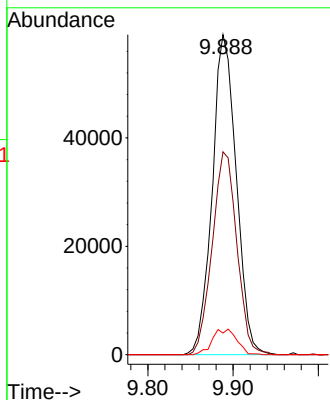
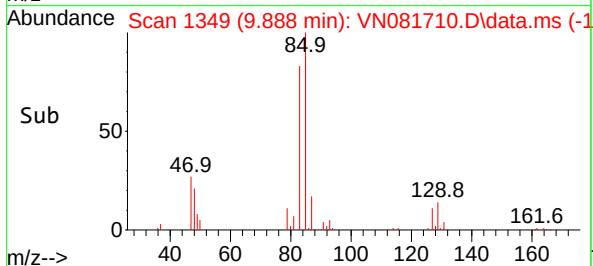
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 83 Resp: 115748
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5
127 6.8 4.6 7.0

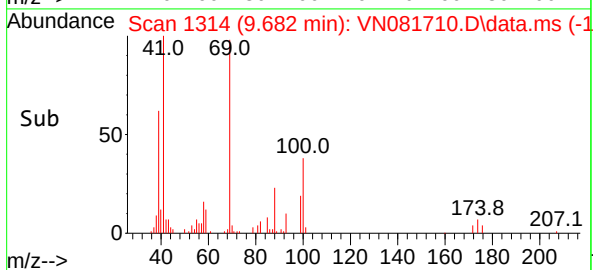
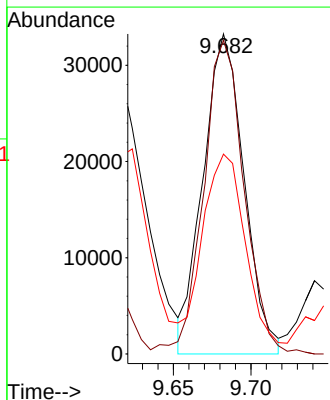
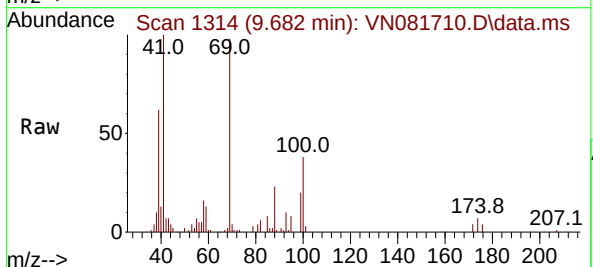
Manual Integrations
APPROVED

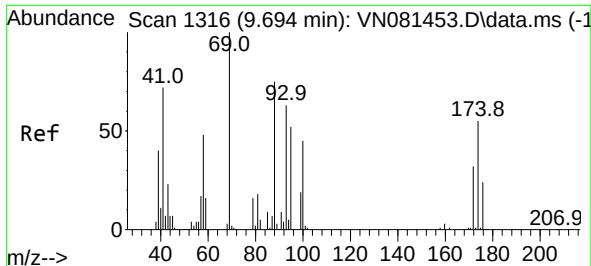
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#48
Methyl methacrylate
Concen: 20.775 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion: 41 Resp: 61247
Ion Ratio Lower Upper
41 100
69 96.2 62.2 93.2#
39 66.3 47.6 71.4





#49

1,4-Dioxane

Concen: 430.814 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion: 88 Resp: 3052

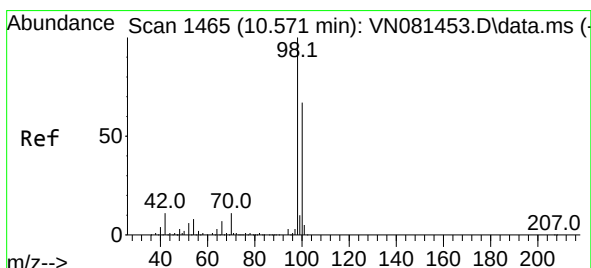
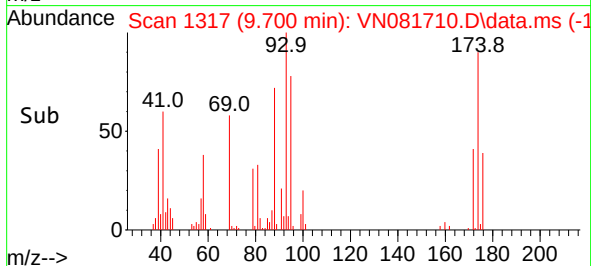
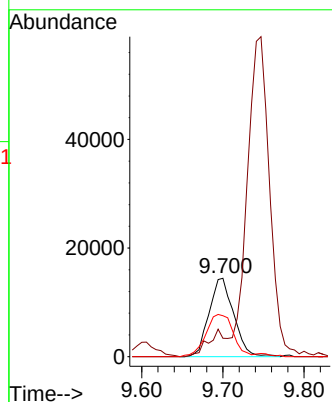
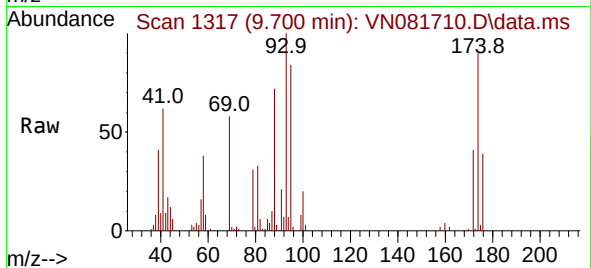
Ion	Ratio	Lower	Upper
88	100		
43	25.1	30.1	45.1
58	59.3	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#50

Toluene-d8

Concen: 51.517 ug/l

RT: 10.570 min Scan# 1465

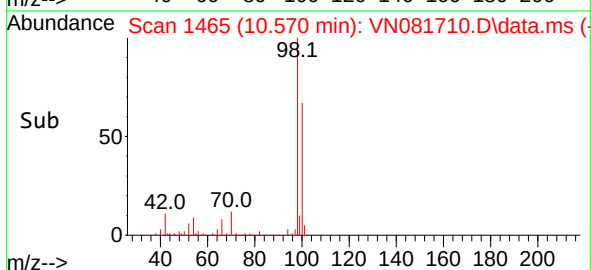
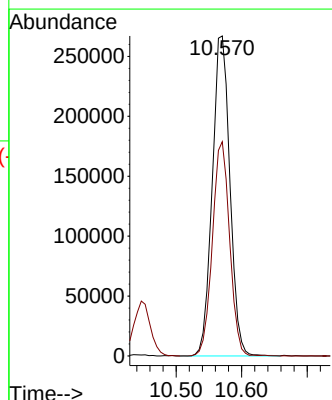
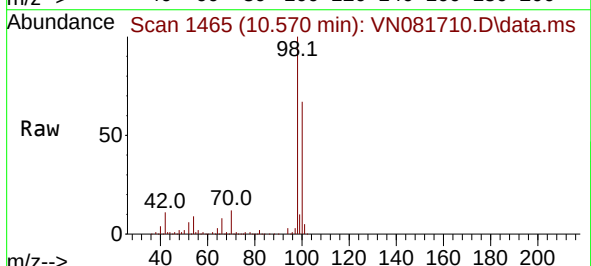
Delta R.T. -0.000 min

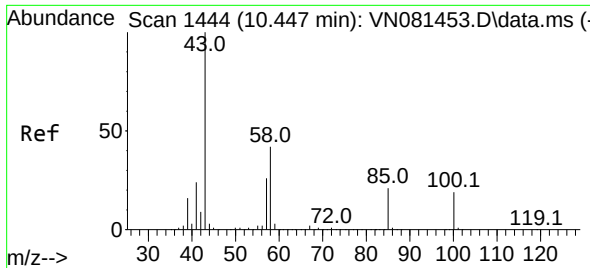
Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Tgt Ion: 98 Resp: 498305

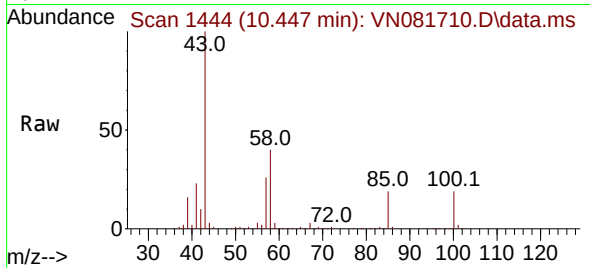
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 106.562 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

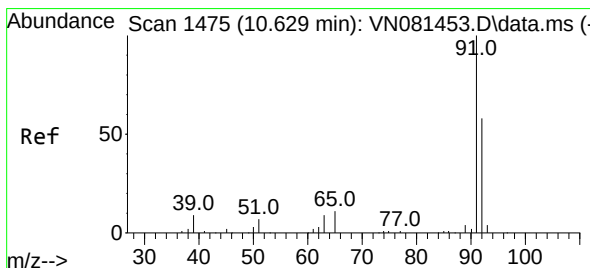
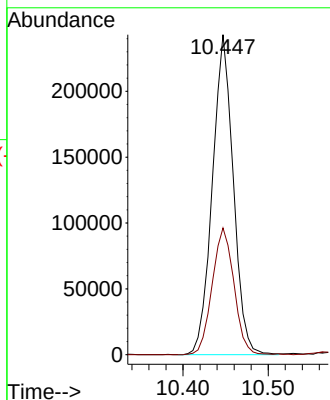
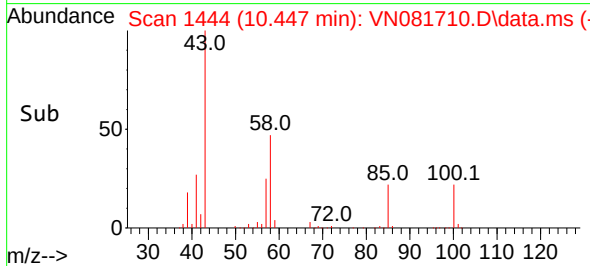
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



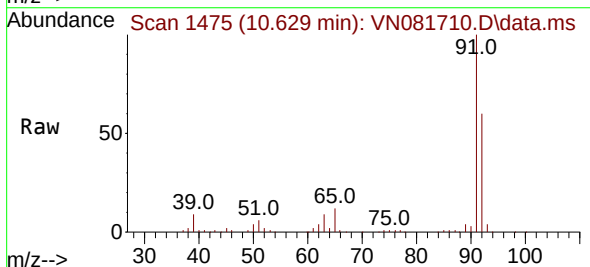
Tgt Ion: 43 Resp: 415608
Ion Ratio Lower Upper
43 100
58 41.1 29.4 44.0

Manual Integrations
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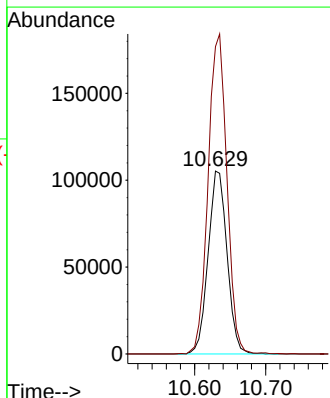
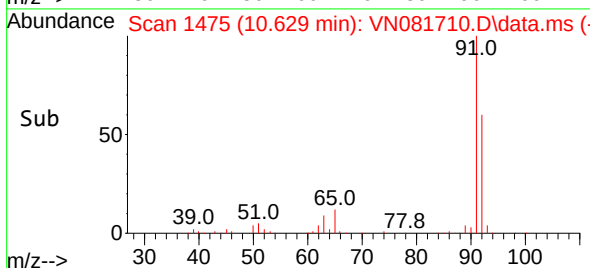
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

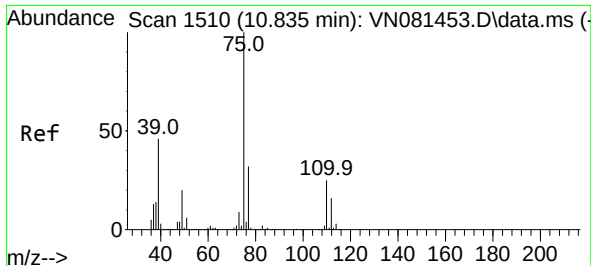


#52
Toluene
Concen: 23.266 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08



Tgt Ion: 92 Resp: 194678
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0





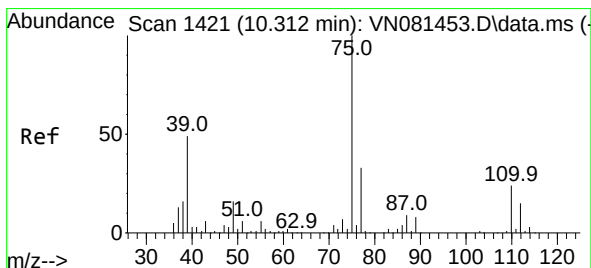
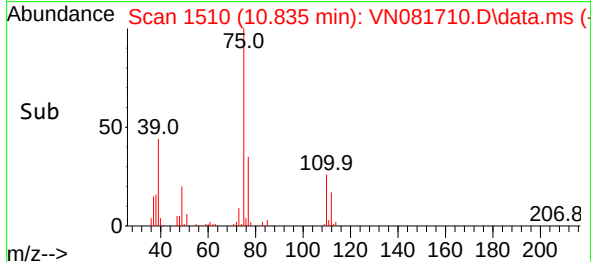
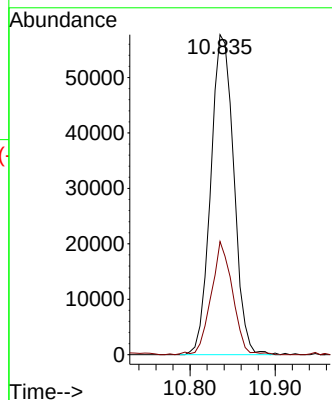
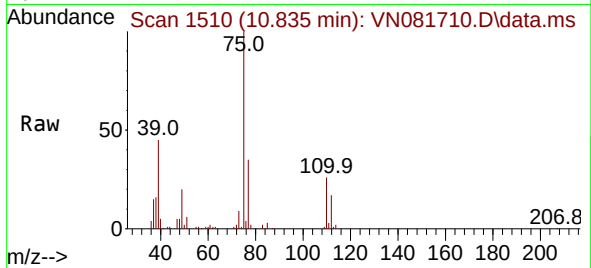
#53
t-1,3-Dichloropropene
Concen: 21.171 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion: 75 Resp: 108300
Ion Ratio Lower Upper
75 100
77 35.3 25.5 38.3

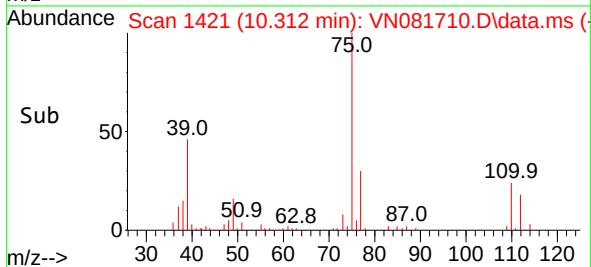
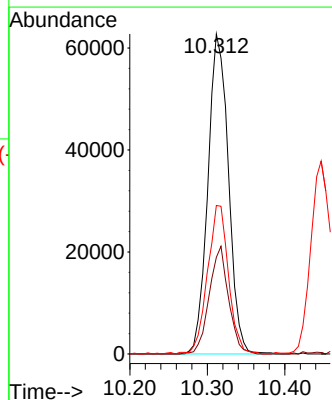
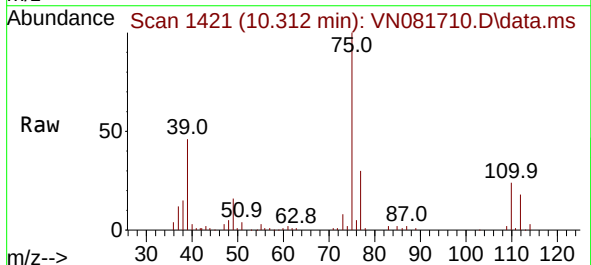
Manual Integrations
APPROVED

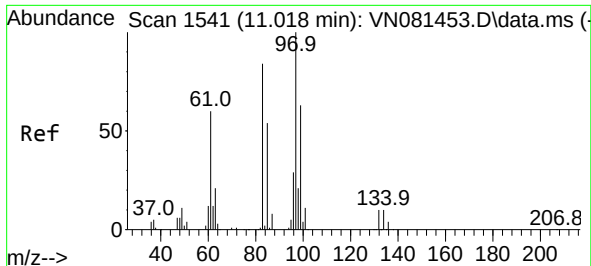
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#54
cis-1,3-Dichloropropene
Concen: 21.077 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

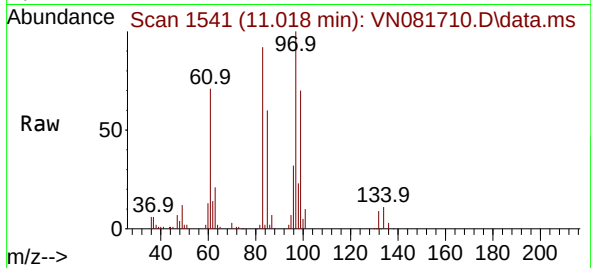
Tgt Ion: 75 Resp: 115601
Ion Ratio Lower Upper
75 100
77 30.2 23.3 34.9
39 46.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 22.298 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

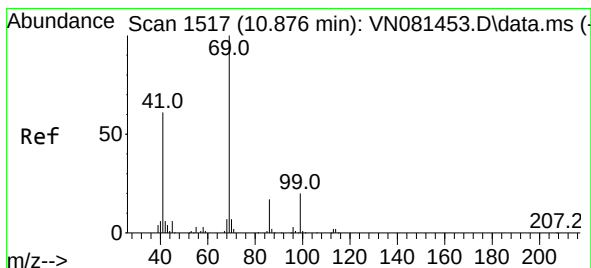
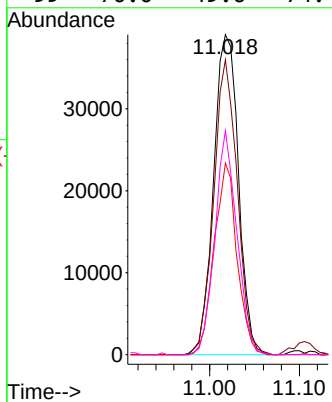
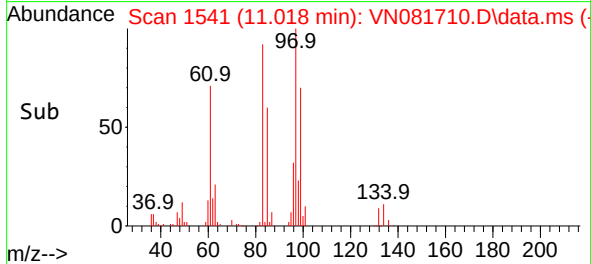
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



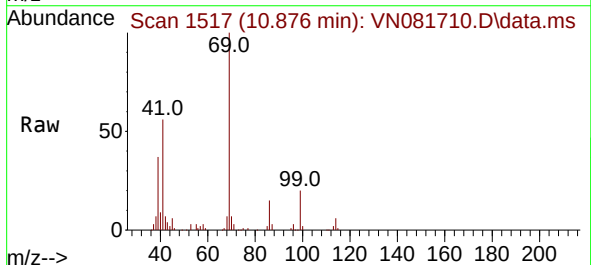
Tgt Ion:	97	Resp:	75089
Ion	Ratio	Lower	Upper
97	100		
83	92.2	72.9	109.3
85	59.9	50.2	75.2
99	70.0	49.6	74.4

Manual Integrations
APPROVED

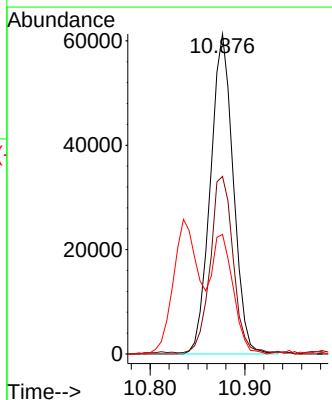
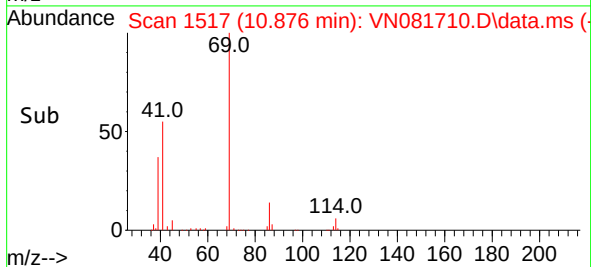
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

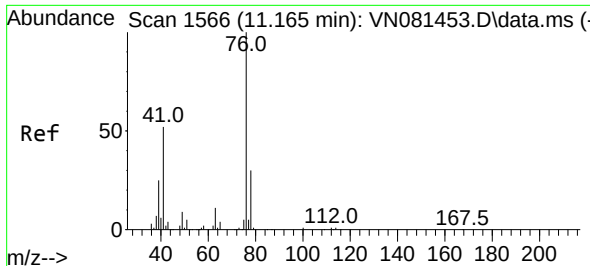


#56
Ethyl methacrylate
Concen: 22.103 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08



Tgt Ion:	69	Resp:	102984
Ion	Ratio	Lower	Upper
69	100		
41	55.0	61.0	91.6#
39	34.7	31.8	47.6





#57

1,3-Dichloropropane

Concen: 22.650 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion: 76 Resp: 125036

Ion Ratio Lower Upper

76 100

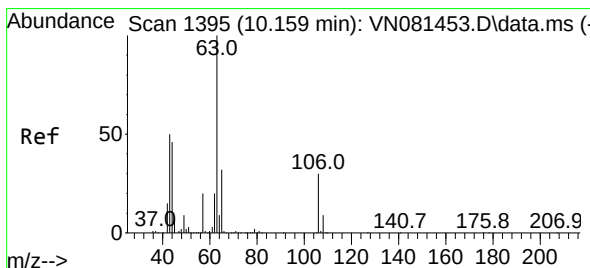
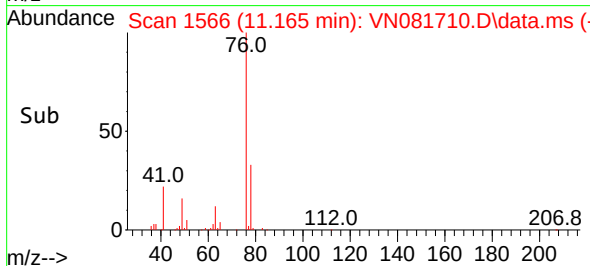
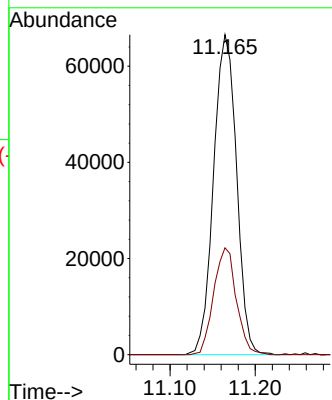
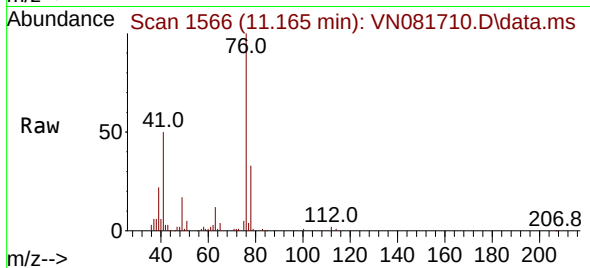
78 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 121.415 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081710.D

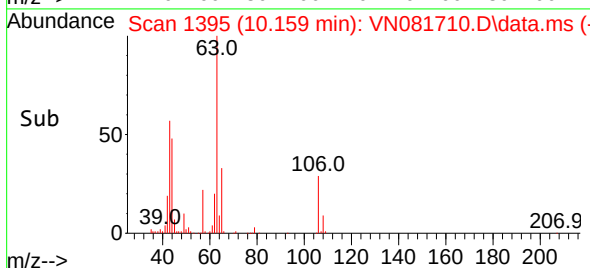
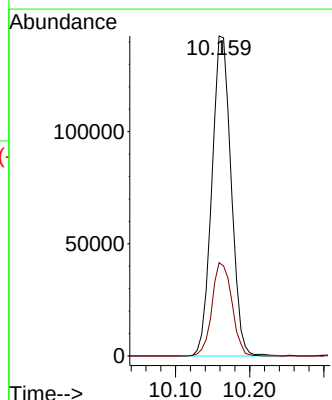
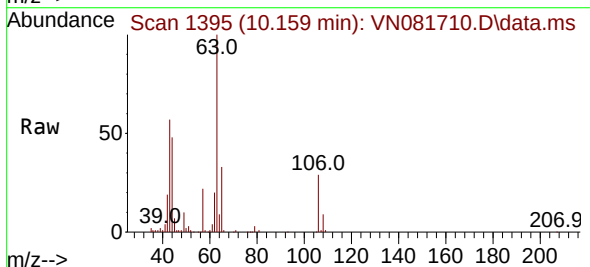
Acq: 12 Apr 2024 12:08

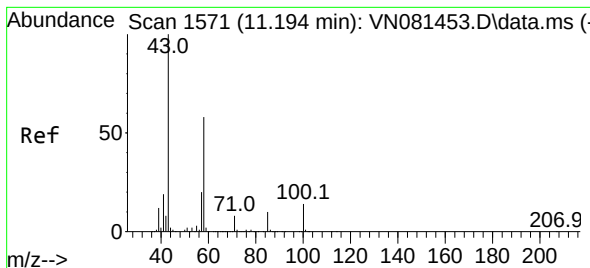
Tgt Ion: 63 Resp: 257265

Ion Ratio Lower Upper

63 100

106 30.1 18.6 28.0#





#59

2-Hexanone

Concen: 107.546 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion: 43 Resp: 31011

Ion Ratio Lower Upper

43 100

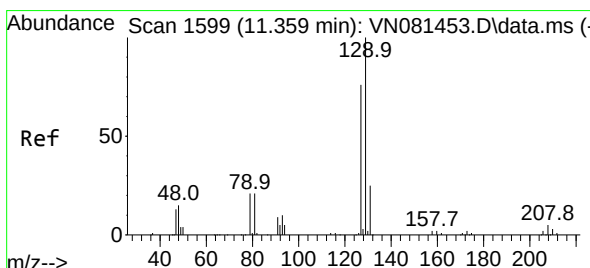
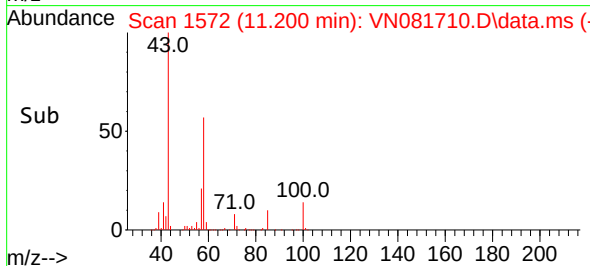
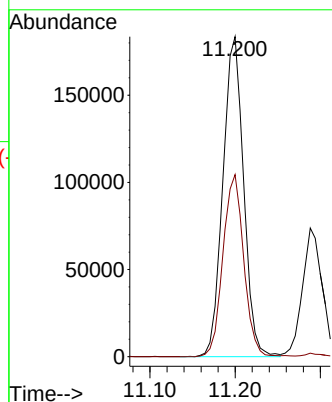
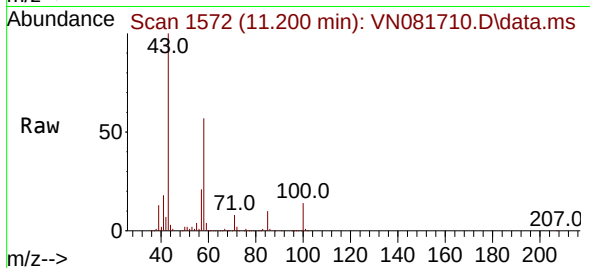
58 57.1 25.9 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#60

Dibromochloromethane

Concen: 24.507 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN081710.D

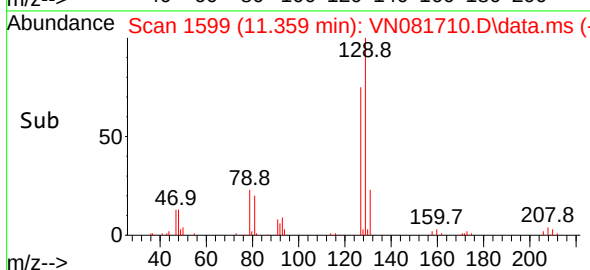
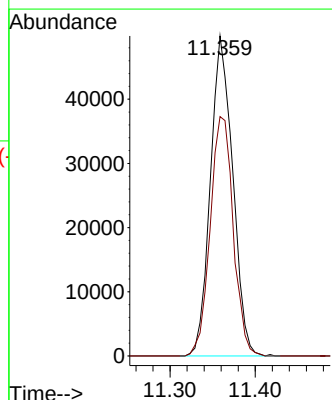
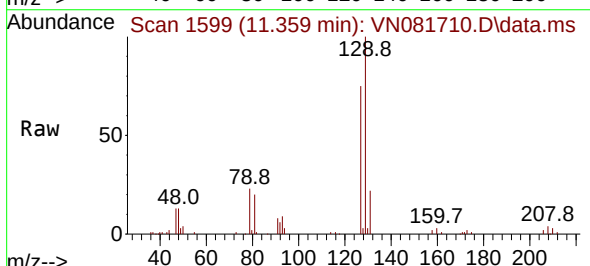
Acq: 12 Apr 2024 12:08

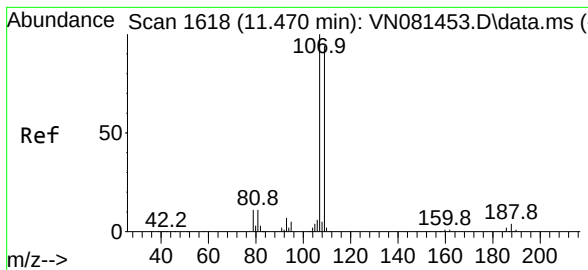
Tgt Ion:129 Resp: 90761

Ion Ratio Lower Upper

129 100

127 77.0 39.4 118.2





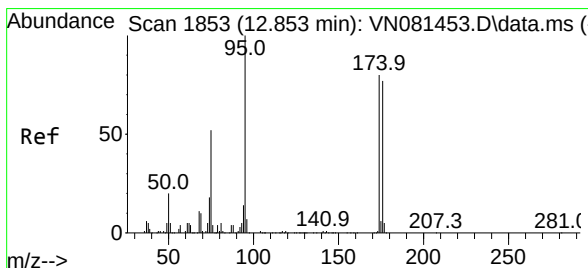
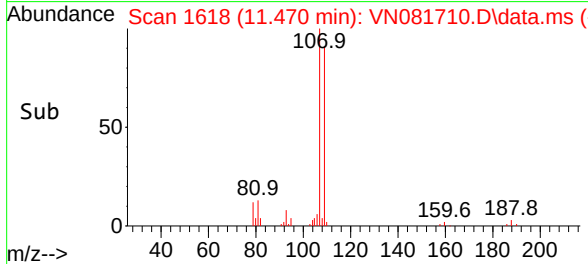
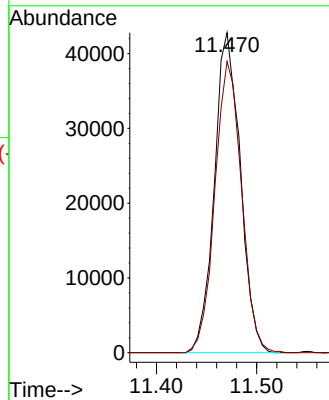
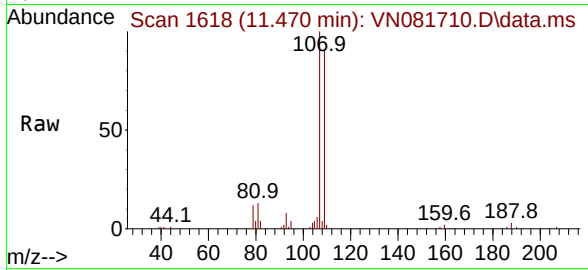
#61
1,2-Dibromoethane
Concen: 22.399 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion:107 Resp: 7690
Ion Ratio Lower Upper
107 100
109 93.5 73.4 110.2

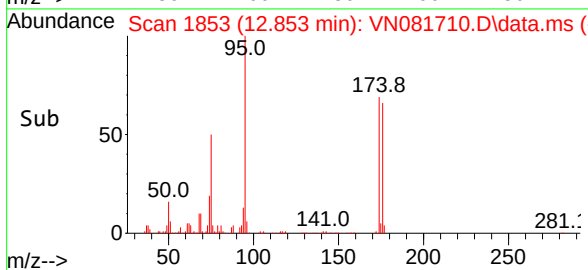
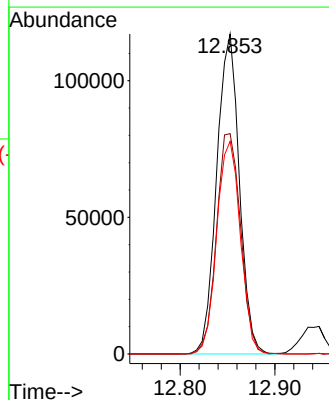
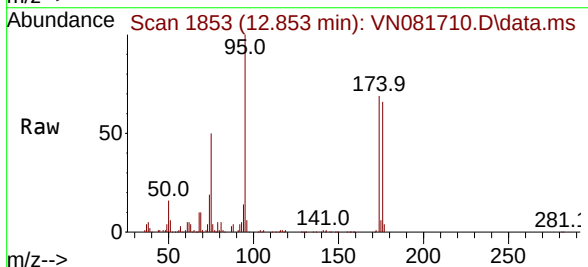
Manual Integrations
APPROVED

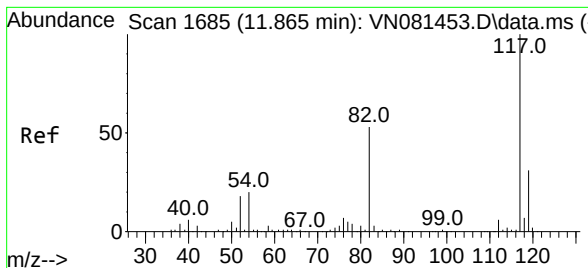
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#62
4-Bromofluorobenzene
Concen: 57.143 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

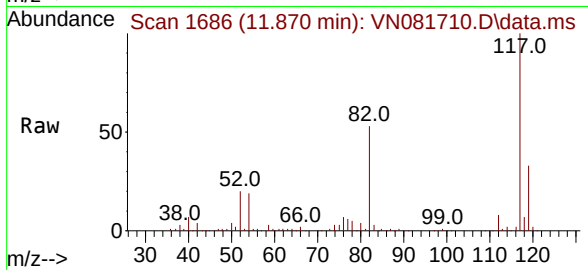
Tgt Ion: 95 Resp: 194758
Ion Ratio Lower Upper
95 100
174 73.3 0.0 120.4
176 69.3 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

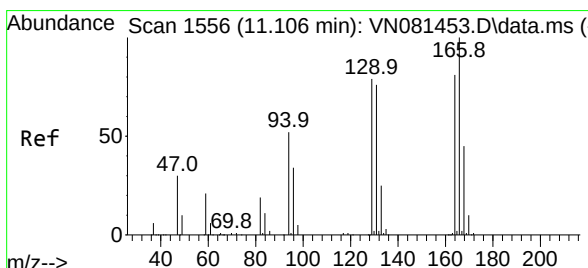
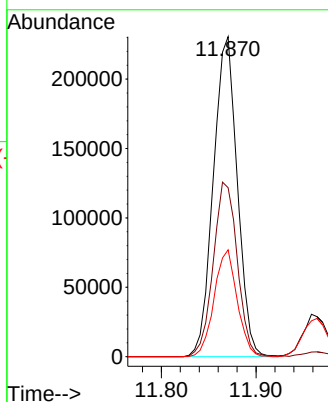
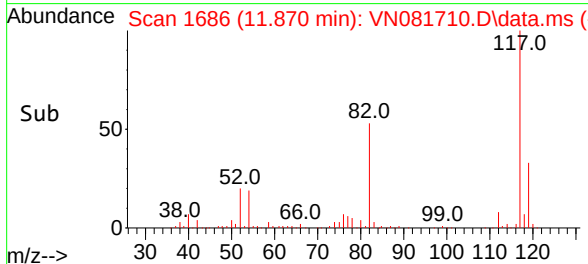
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion:117 Resp: 40585
Ion Ratio Lower Upper
117 100
82 52.8 52.7 79.1
119 33.4 25.3 37.9

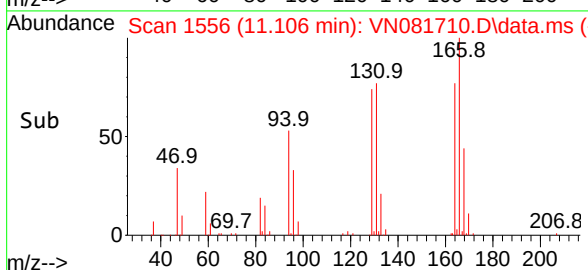
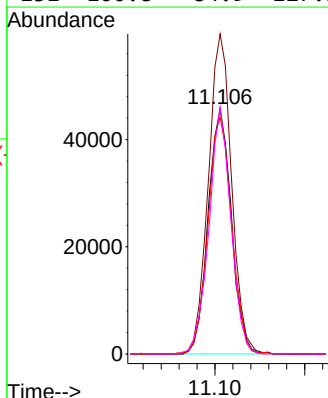
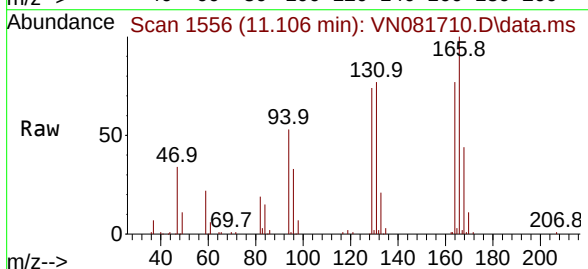
Manual Integrations
APPROVED

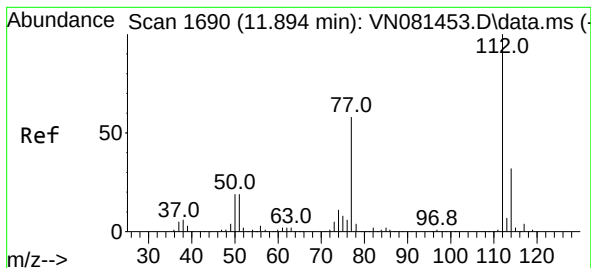
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#64
Tetrachloroethene
Concen: 21.229 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion:164 Resp: 82357
Ion Ratio Lower Upper
164 100
166 130.6 105.8 158.6
129 96.5 89.6 134.4
131 100.8 84.9 127.3





#65

Chlorobenzene

Concen: 22.259 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion:112 Resp: 21356

Ion Ratio Lower Upper

112 100

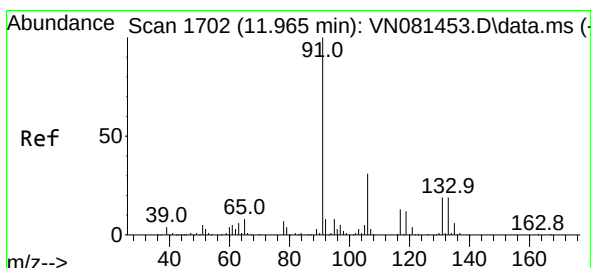
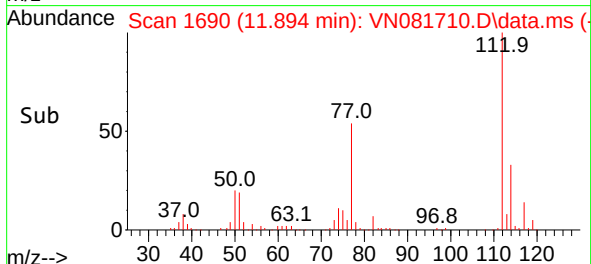
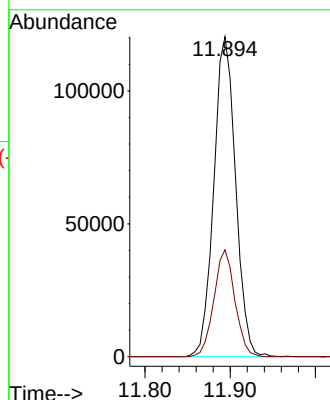
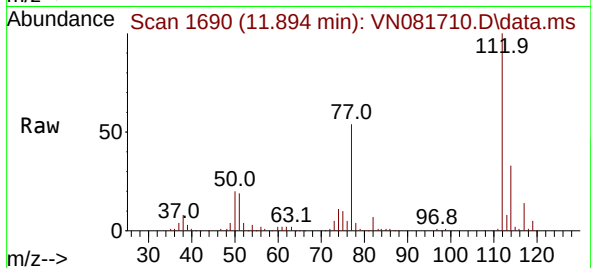
114 33.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 21.594 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

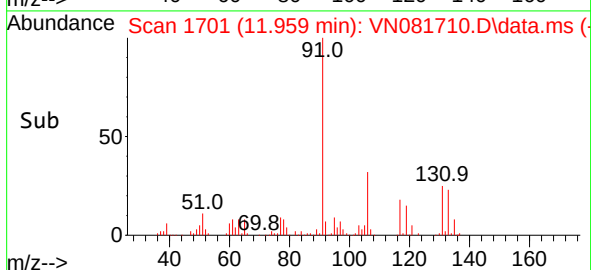
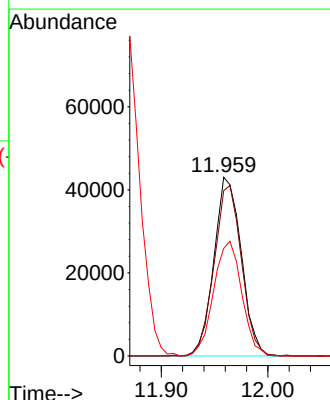
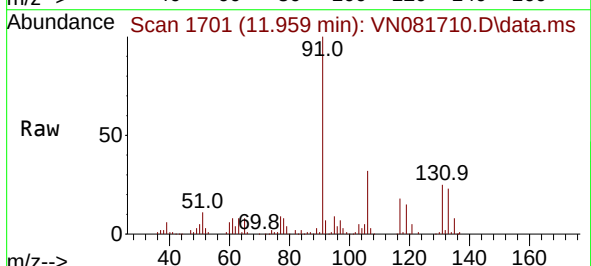
Tgt Ion:131 Resp: 76787

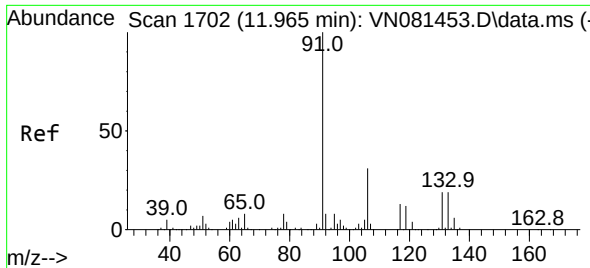
Ion Ratio Lower Upper

131 100

133 95.7 46.8 140.3

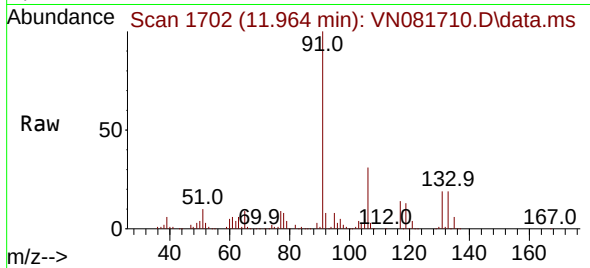
119 66.0 34.6 103.9





#67
Ethyl Benzene
Concen: 21.231 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

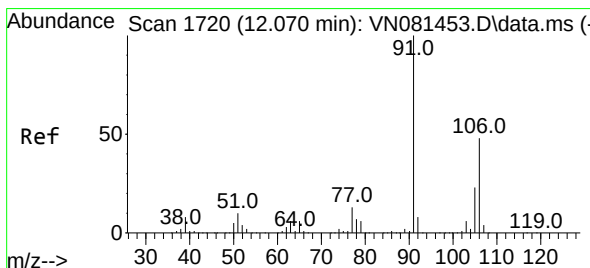
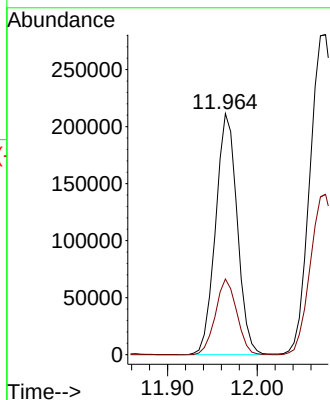
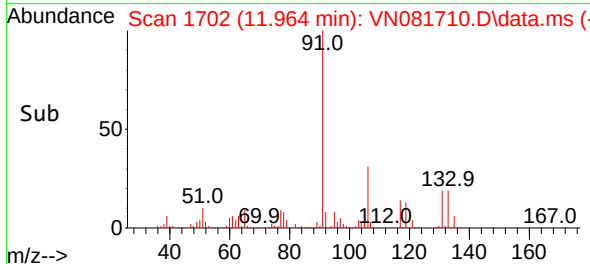
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



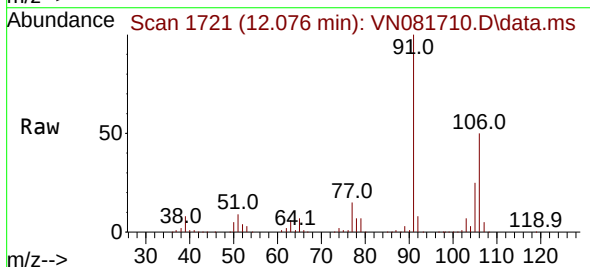
Tgt Ion: 91 Resp: 35384
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.6

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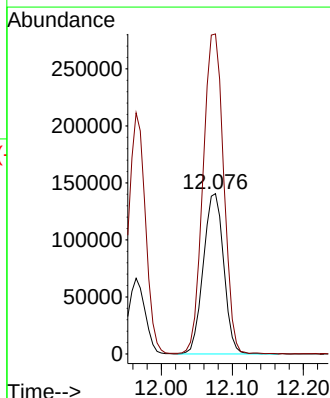
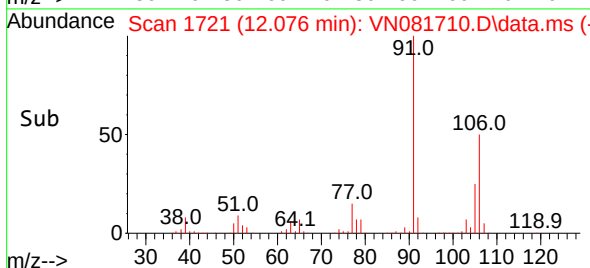
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

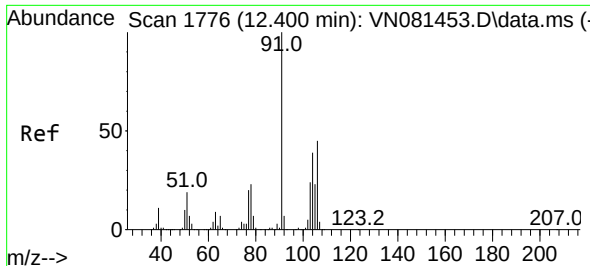


#68
m/p-Xylenes
Concen: 44.863 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08



Tgt Ion:106 Resp: 280301
Ion Ratio Lower Upper
106 100
91 202.7 169.0 253.6





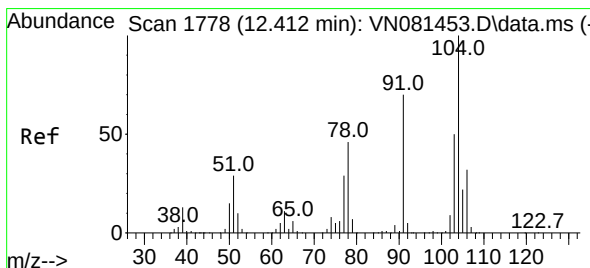
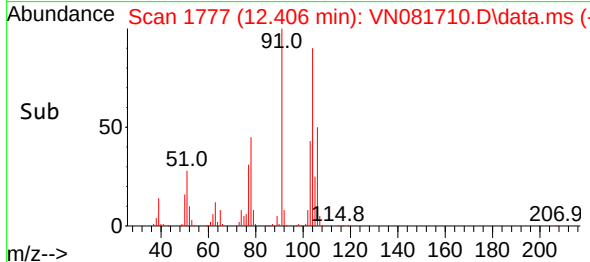
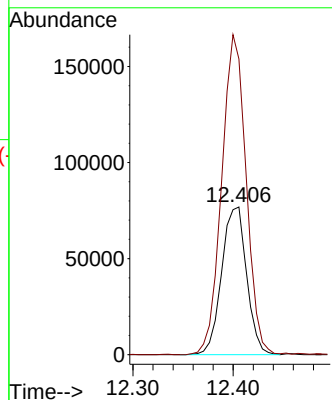
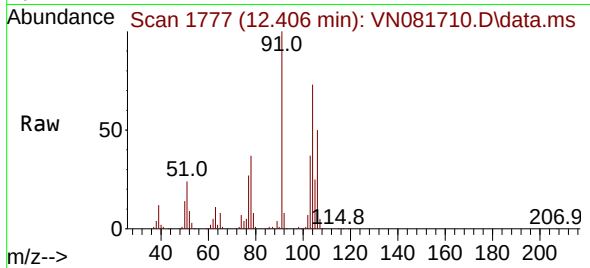
#69
o-Xylene
Concen: 21.655 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion:106 Resp: 13282
Ion Ratio Lower Upper
106 100
91 212.6 112.1 336.3

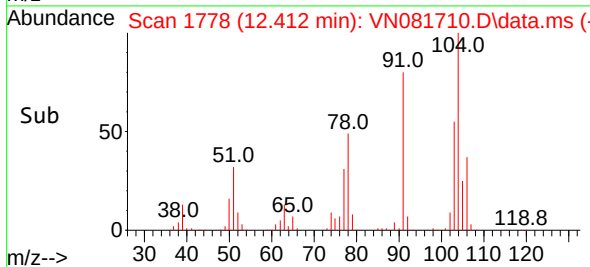
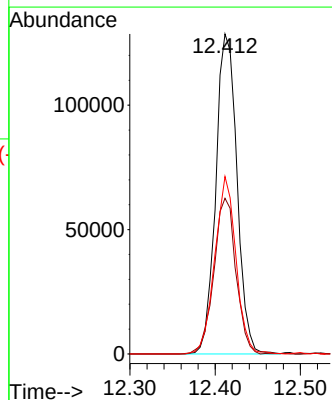
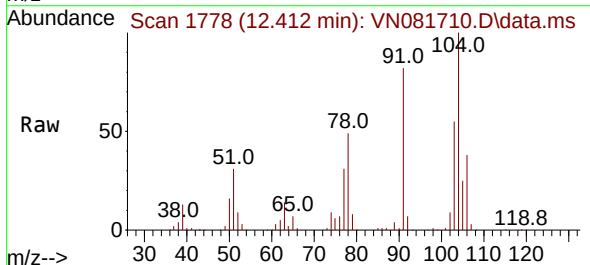
Manual Integrations
APPROVED

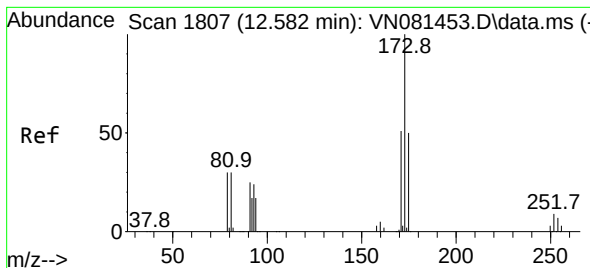
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#70
Styrene
Concen: 22.453 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion:104 Resp: 222115
Ion Ratio Lower Upper
104 100
78 50.7 43.8 65.8
103 55.5 44.2 66.2





#71

Bromoform

Concen: 21.622 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

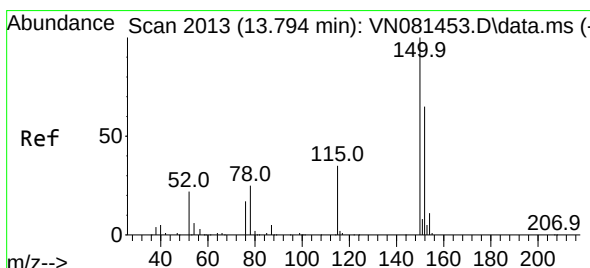
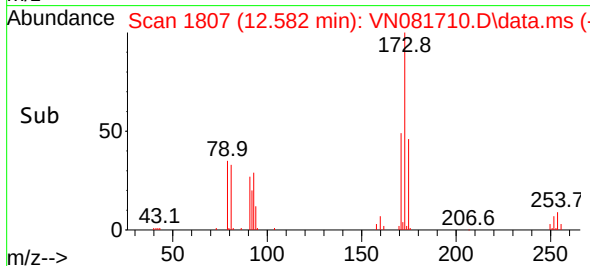
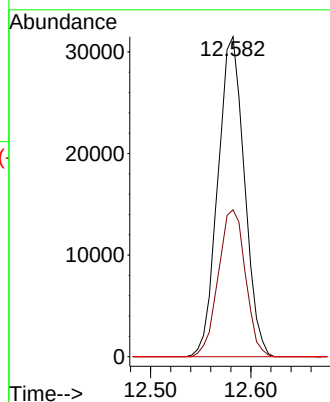
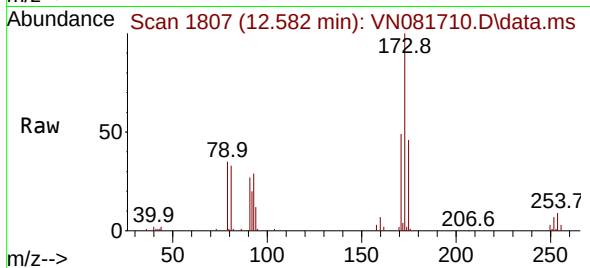
Tgt Ion:173	Resp: 57770
Ion Ratio	Lower Upper
173 100	
175 46.9	23.1 69.2
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

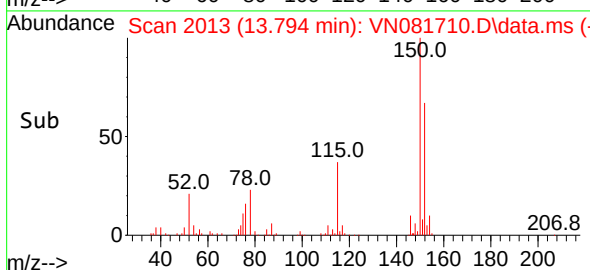
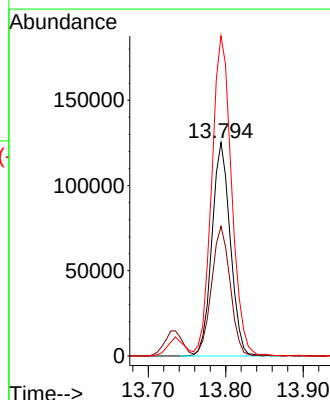
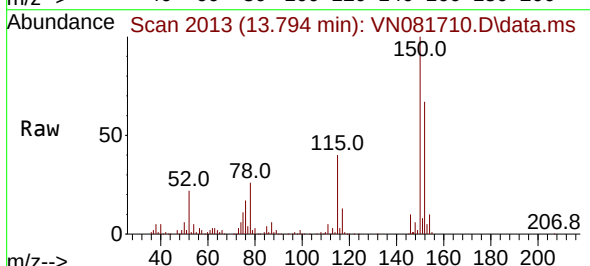
RT: 13.794 min Scan# 2013

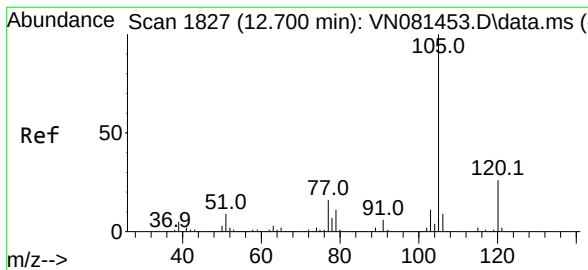
Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

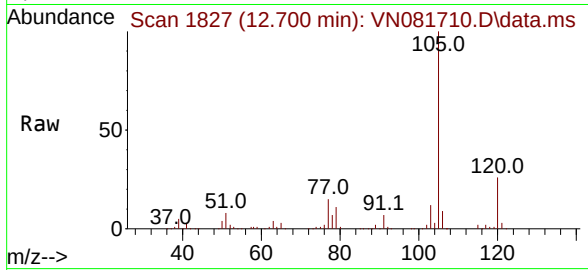
Tgt Ion:152	Resp: 205916
Ion Ratio	Lower Upper
152 100	
115 61.7	32.3 96.8
150 161.9	0.0 339.8





#73
Isopropylbenzene
Concen: 19.319 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

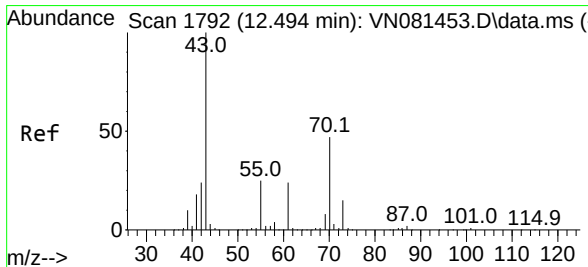
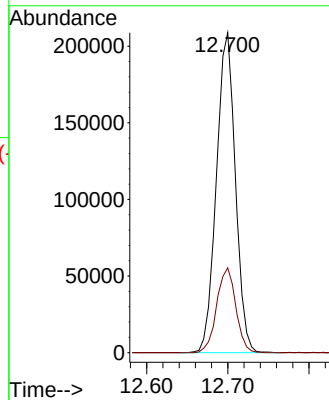
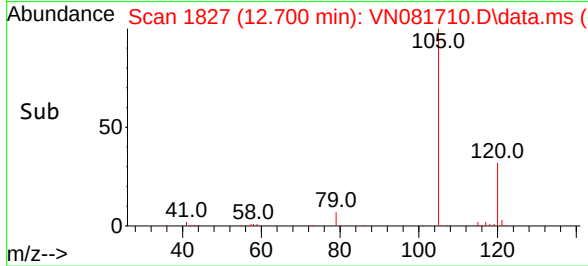
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



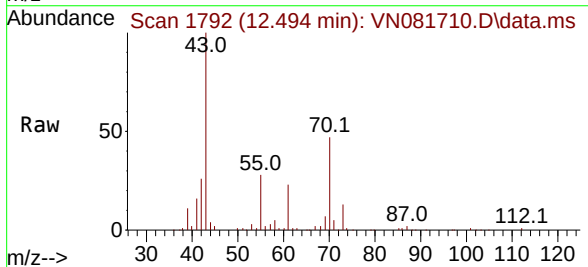
Tgt Ion:105 Resp: 339098
Ion Ratio Lower Upper
105 100
120 26.7 12.6 37.6

Manual Integrations
APPROVED

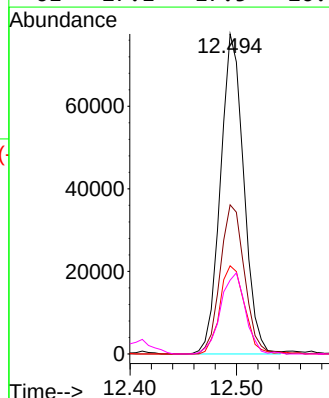
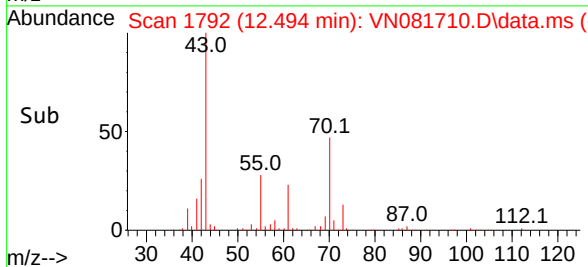
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

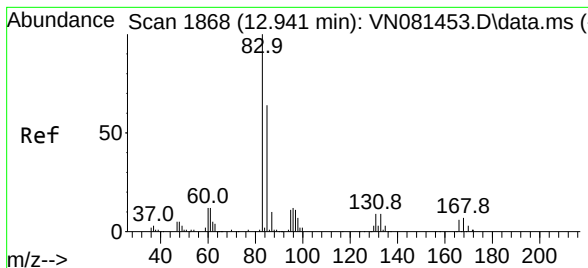


#74
N-ethyl acetate
Concen: 18.560 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08



Tgt Ion: 43 Resp: 117893
Ion Ratio Lower Upper
43 100
70 48.7 30.1 45.1#
55 29.1 17.0 25.4#
61 27.1 17.5 26.3#





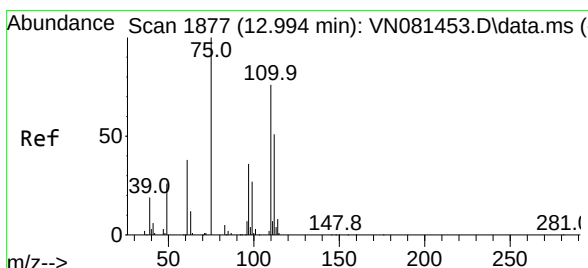
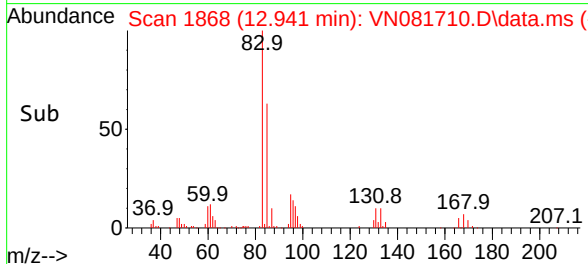
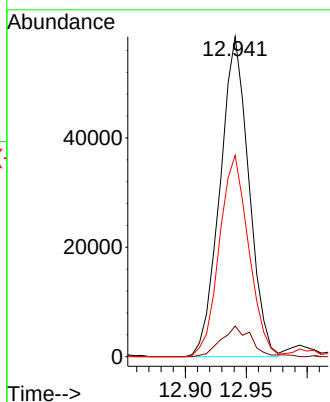
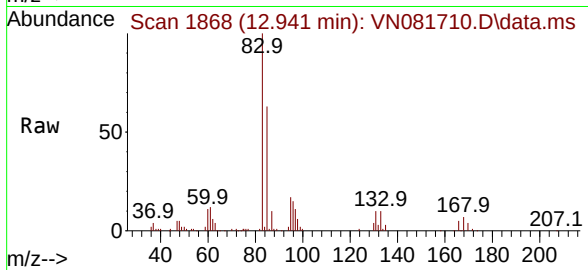
#75
1,1,2,2-Tetrachloroethane
Concen: 18.688 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion: 83 Resp: 9644
Ion Ratio Lower Upper
83 100
131 10.0 4.1 12.3
85 64.2 32.1 96.3

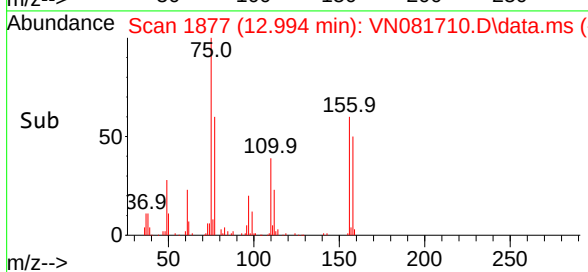
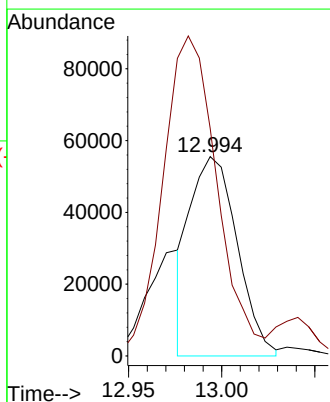
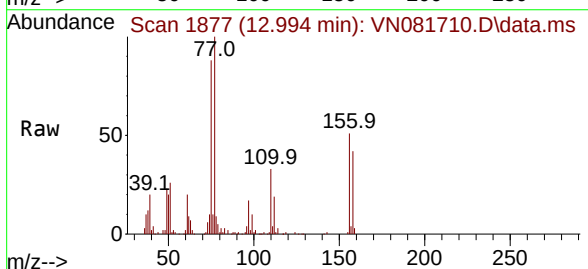
Manual Integrations
APPROVED

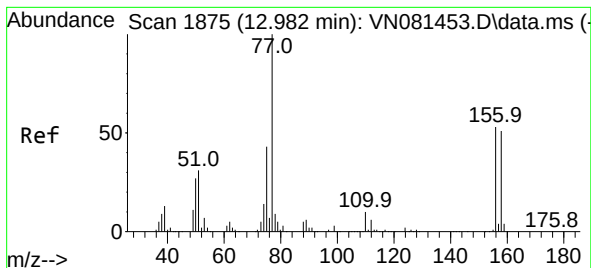
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#76
1,2,3-Trichloropropane
Concen: 19.832 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion: 75 Resp: 97683
Ion Ratio Lower Upper
75 100
77 185.4 91.0 272.8





#77

Bromobenzene

Concen: 19.303 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion:156 Resp: 83690

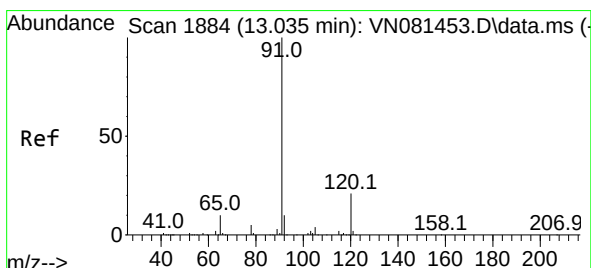
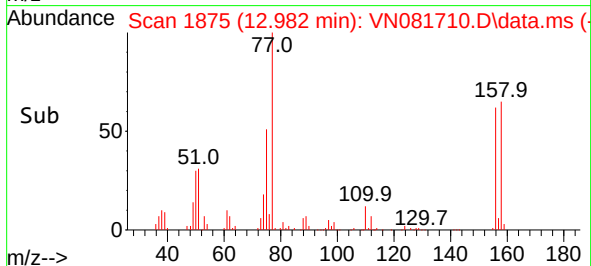
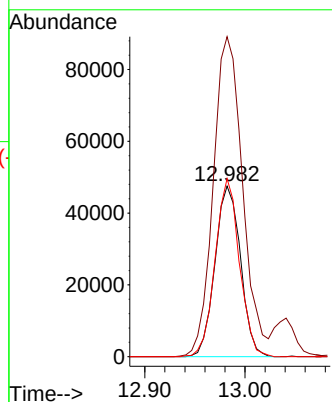
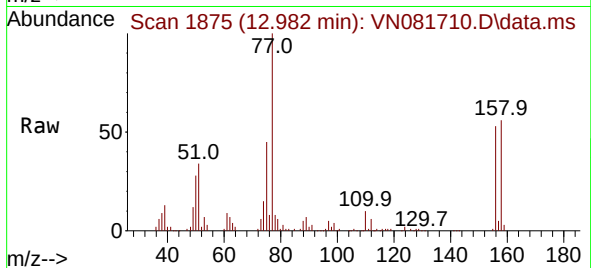
Ion	Ratio	Lower	Upper
156	100		
77	216.4	138.1	414.3
158	99.7	46.5	139.5

Manual Integrations

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Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#78

n-propylbenzene

Concen: 19.799 ug/l

RT: 13.041 min Scan# 1885

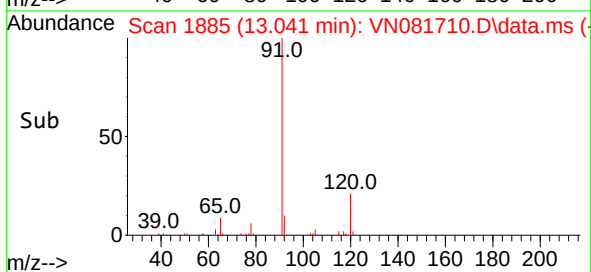
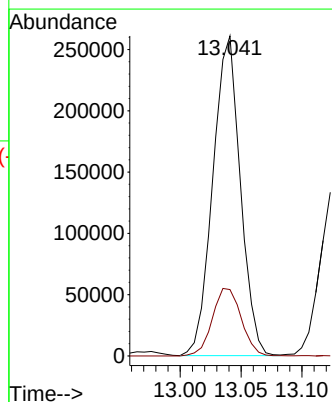
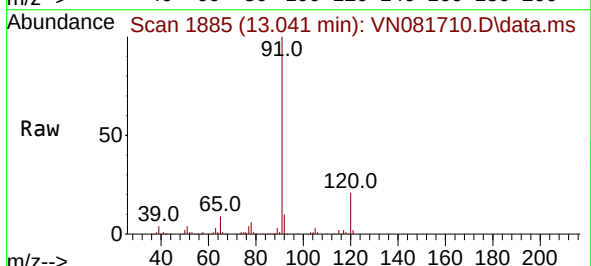
Delta R.T. 0.006 min

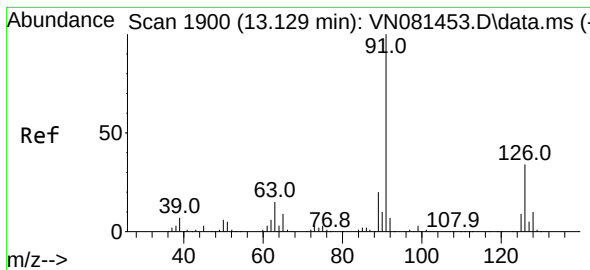
Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Tgt Ion: 91 Resp: 410399

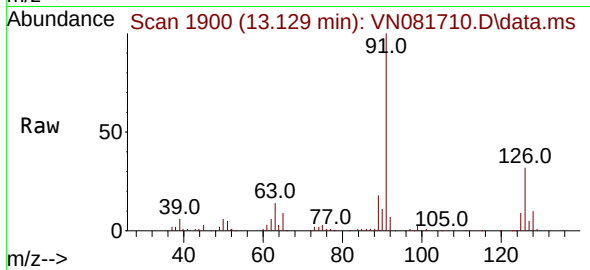
Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.3	30.9





#79
2-Chlorotoluene
Concen: 20.223 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

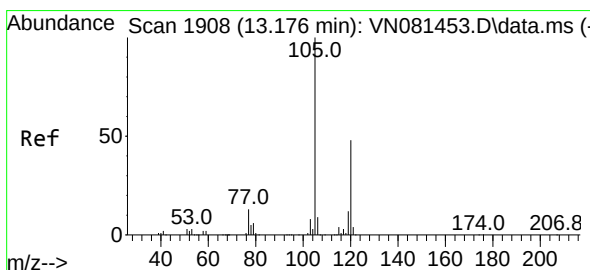
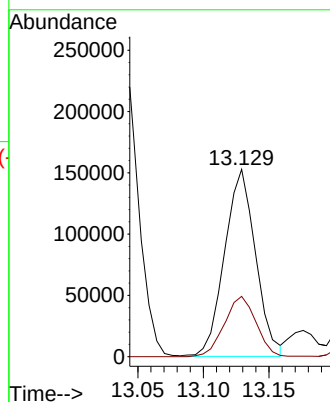
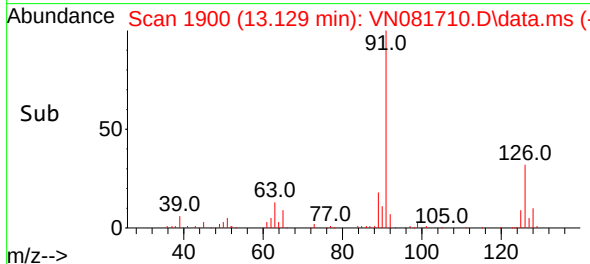
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



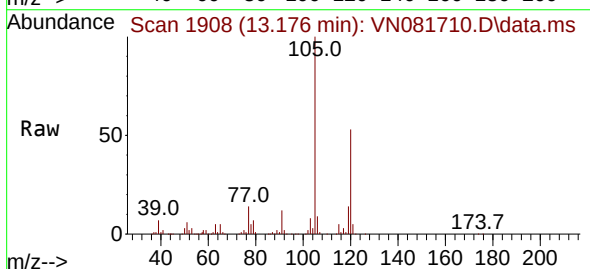
Tgt Ion: 91 Resp: 25088
Ion Ratio Lower Upper
91 100
126 33.0 14.8 44.4

Manual Integrations
APPROVED

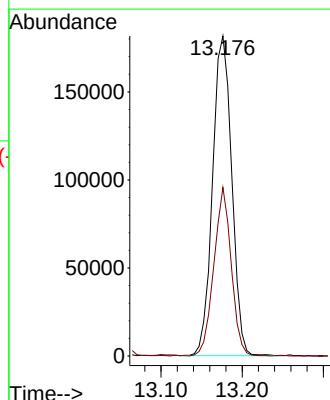
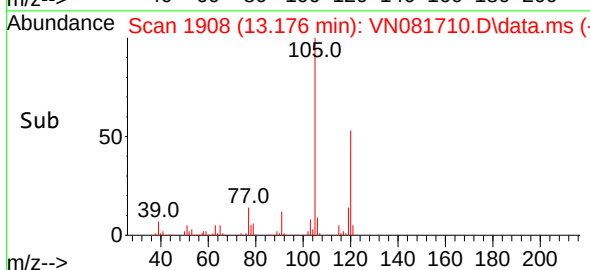
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

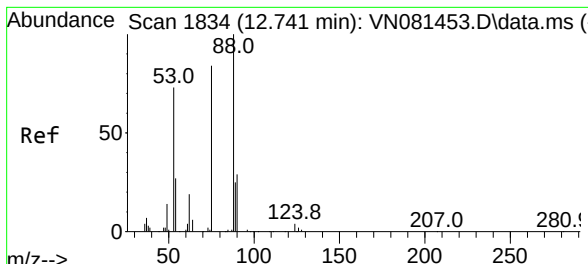


#80
1,3,5-Trimethylbenzene
Concen: 20.535 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08



Tgt Ion:105 Resp: 297711
Ion Ratio Lower Upper
105 100
120 47.8 23.0 69.0





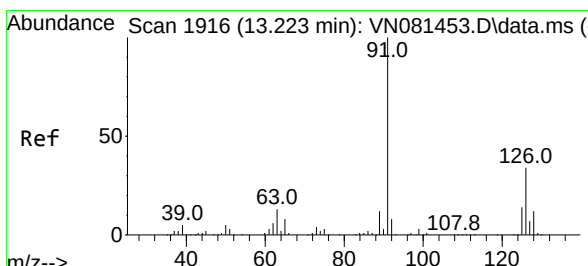
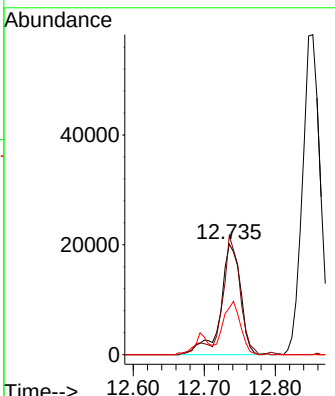
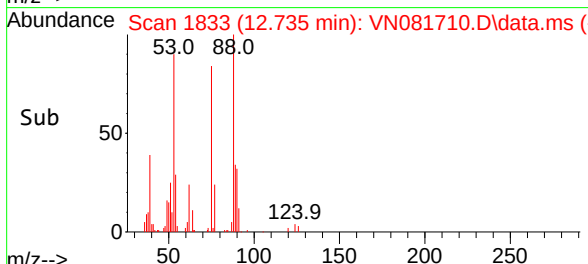
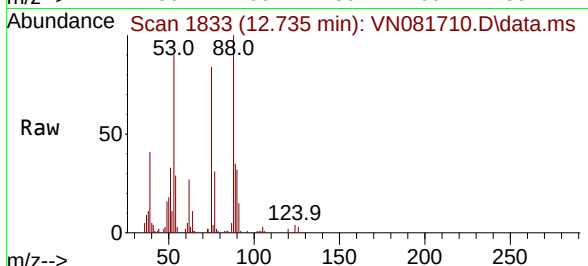
#81
 trans-1,4-Dichloro-2-butene
 Concen: 21.722 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08

Instrument : MSVOA_N
 ClientSampleId : VN0412WBS02

Tgt Ion:	75	Resp:	3959
Ion Ratio	Lower	Upper	
75	100		
53	87.2	71.4	107.2
89	41.8	33.4	50.0

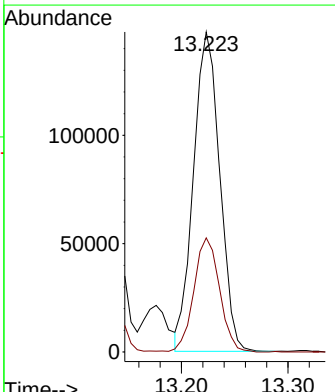
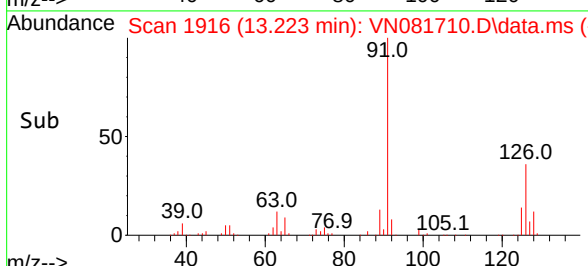
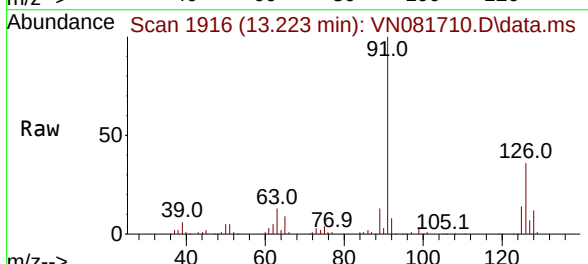
Manual Integrations
 APPROVED

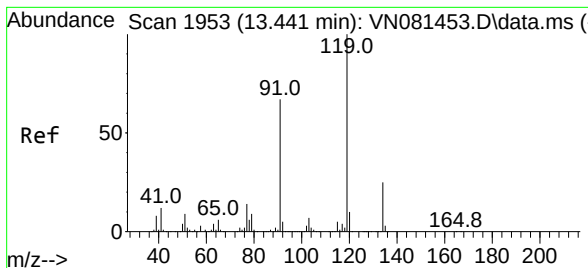
Reviewed By :John Carlone 04/15/2024
 Supervised By :Mahesh Dadoda 04/15/2024



#82
 4-Chlorotoluene
 Concen: 20.658 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08

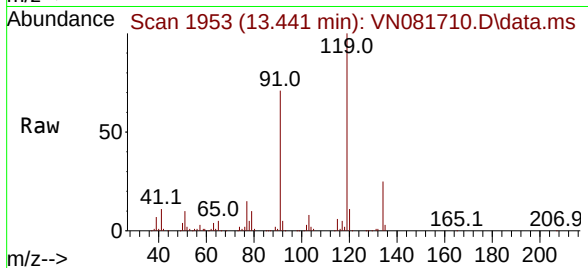
Tgt Ion:	91	Resp:	252673
Ion Ratio	Lower	Upper	
91	100		
126	35.0	15.3	45.9





#83
tert-Butylbenzene
Concen: 19.099 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

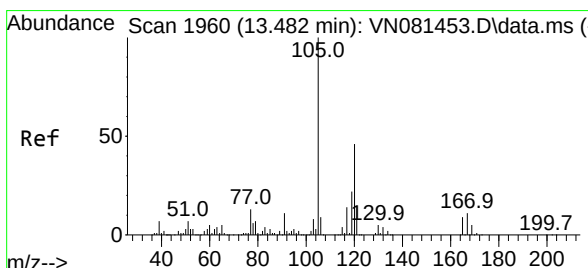
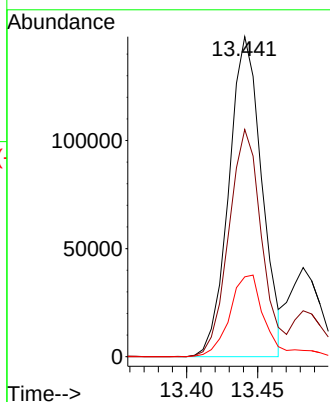
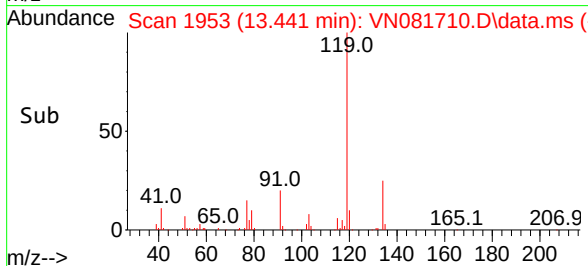
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



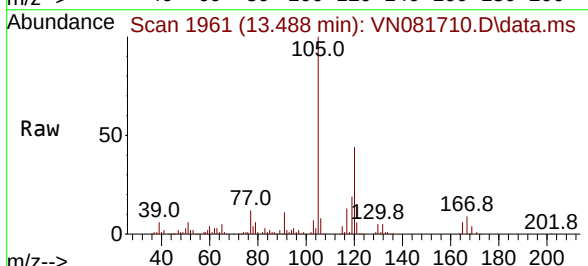
Tgt Ion:119 Resp: 238770
Ion Ratio Lower Upper
119 100
91 71.4 36.8 110.4
134 27.6 12.4 37.4

Manual Integrations
APPROVED

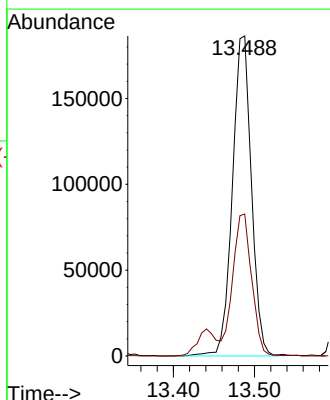
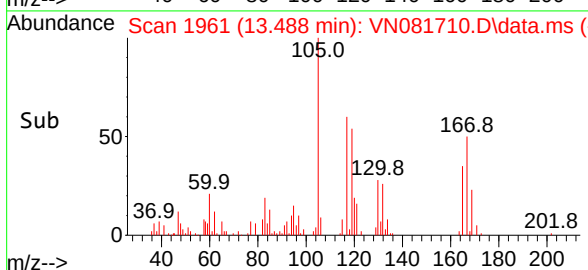
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

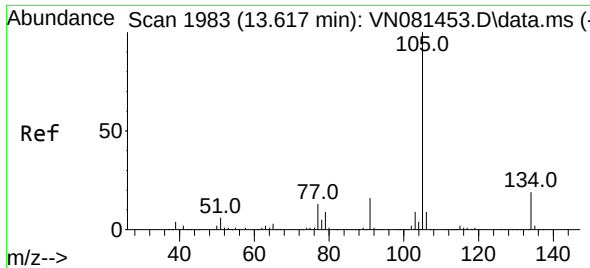


#84
1,2,4-Trimethylbenzene
Concen: 20.725 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08



Tgt Ion:105 Resp: 301983
Ion Ratio Lower Upper
105 100
120 44.0 20.9 62.7





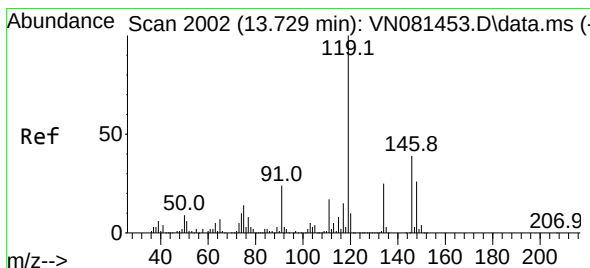
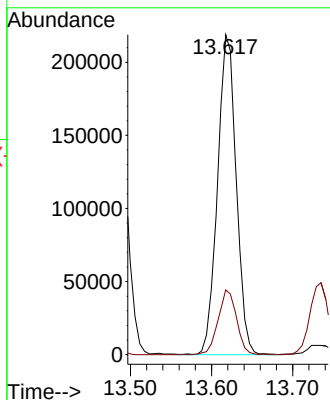
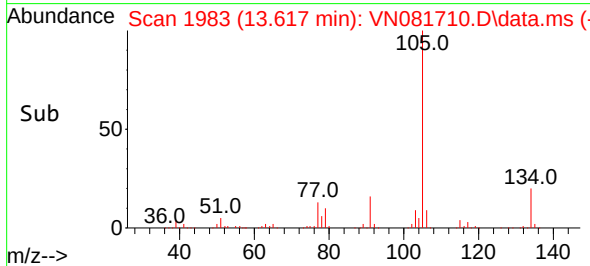
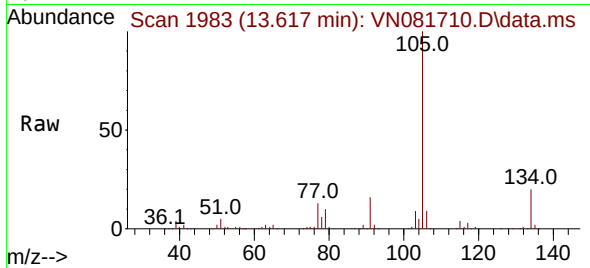
#85
 sec-Butylbenzene
 Concen: 19.660 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02

Tgt Ion:105 Resp: 35136
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8

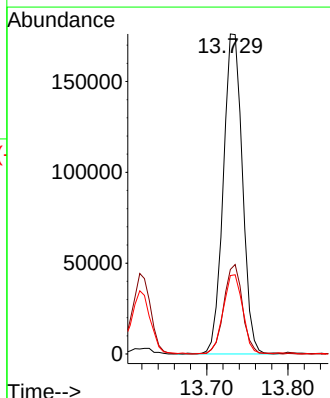
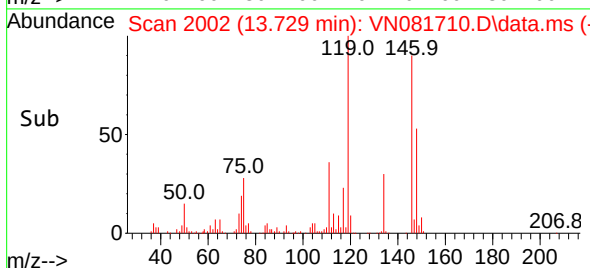
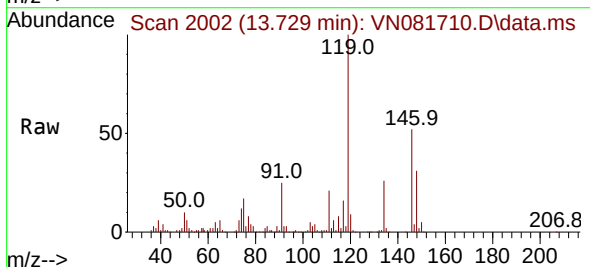
Manual Integrations
 APPROVED

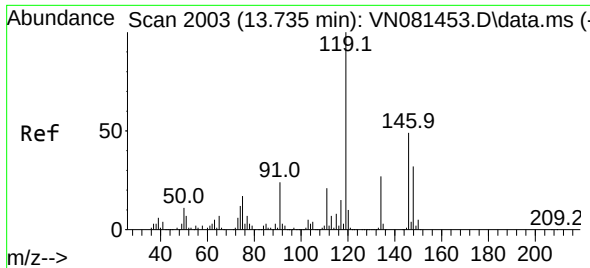
Reviewed By :John Carlone 04/15/2024
 Supervised By :Mahesh Dadoda 04/15/2024



#86
 p-Isopropyltoluene
 Concen: 19.752 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08

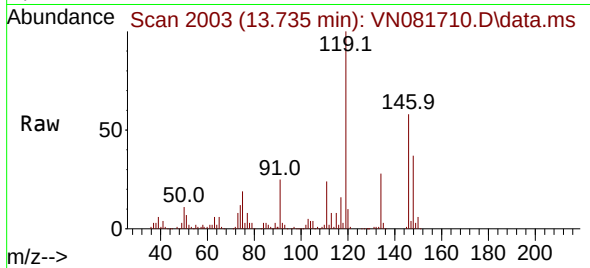
Tgt Ion:119 Resp: 288564
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.4 37.2
 91 25.4 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 21.215 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08

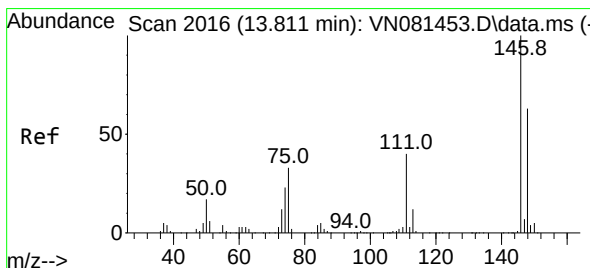
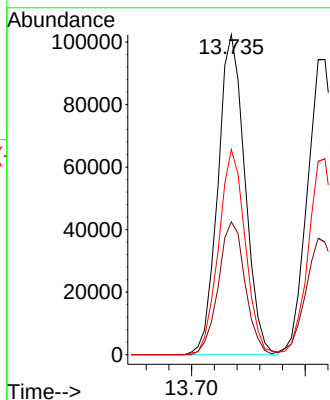
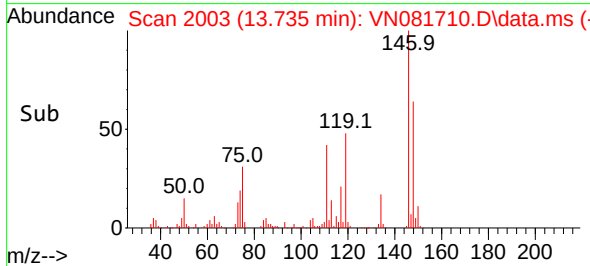
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02



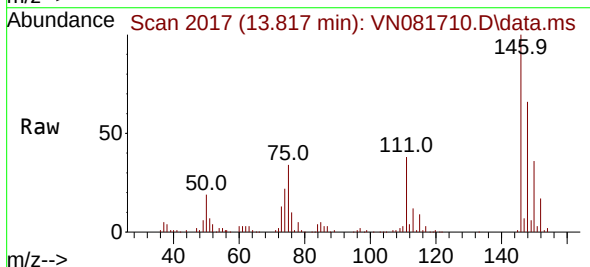
Tgt Ion:146 Resp: 169012
 Ion Ratio Lower Upper
 146 100
 111 41.1 23.9 71.7
 148 63.3 32.6 97.7

Manual Integrations
 APPROVED

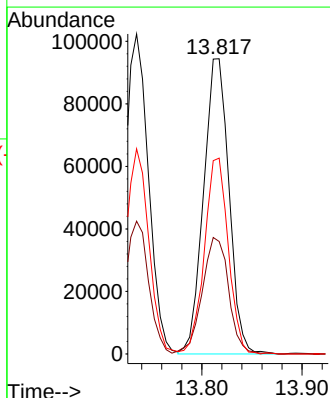
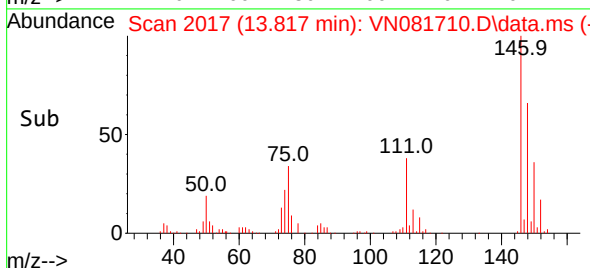
Reviewed By :John Carlone 04/15/2024
 Supervised By :Mahesh Dadoda 04/15/2024

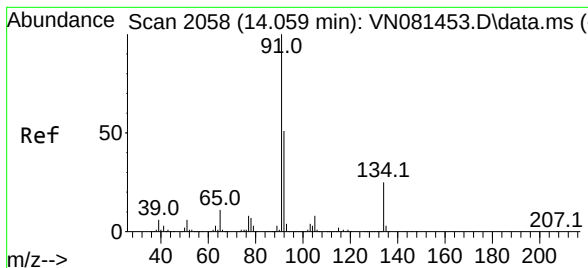


#88
 1,4-Dichlorobenzene
 Concen: 20.185 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081710.D
 Acq: 12 Apr 2024 12:08



Tgt Ion:146 Resp: 166502
 Ion Ratio Lower Upper
 146 100
 111 41.1 22.6 67.7
 148 62.3 31.9 95.5





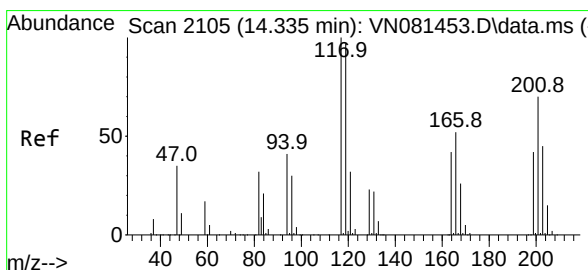
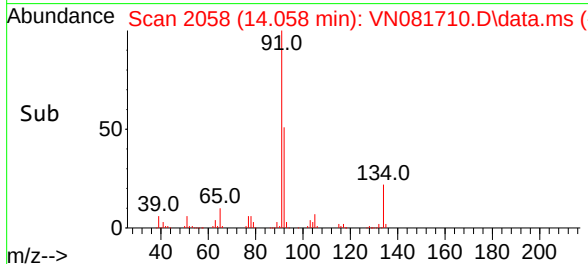
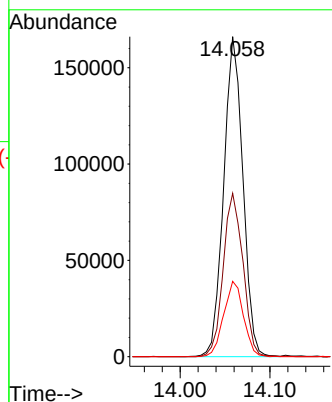
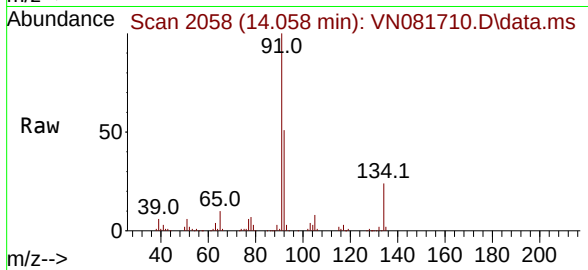
#89
n-Butylbenzene
Concen: 19.091 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion: 91 Resp: 24731
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.1
134 24.3 10.8 32.4

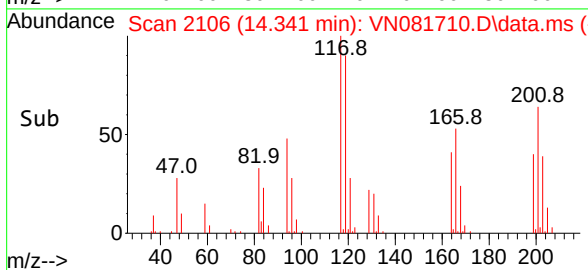
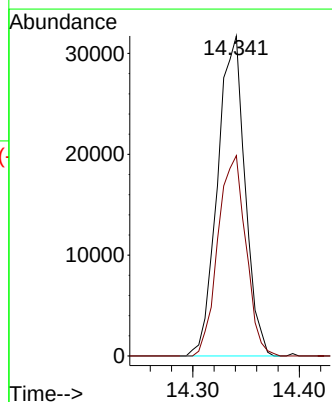
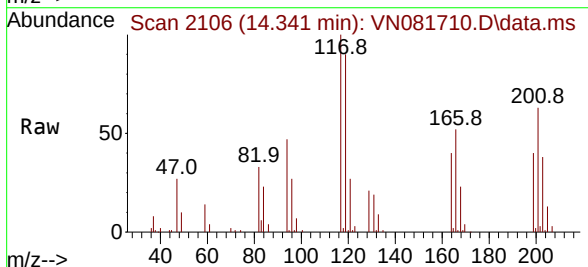
Manual Integrations
APPROVED

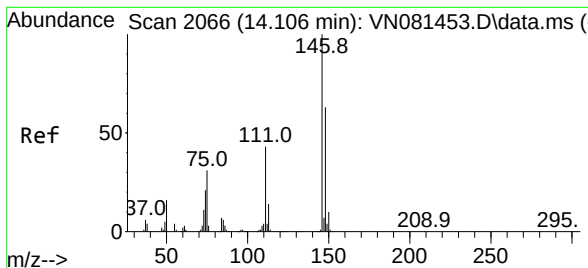
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#90
Hexachloroethane
Concen: 20.517 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion:117 Resp: 56766
Ion Ratio Lower Upper
117 100
201 63.8 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 20.702 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion:146 Resp: 158738

Ion Ratio Lower Upper

146 100

111 43.2 23.9 71.8

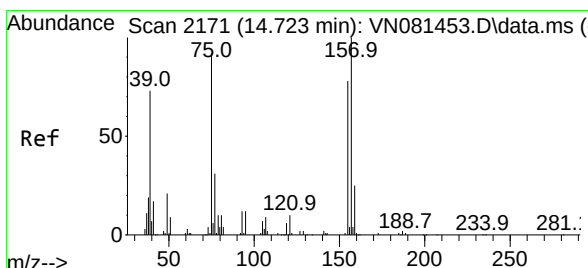
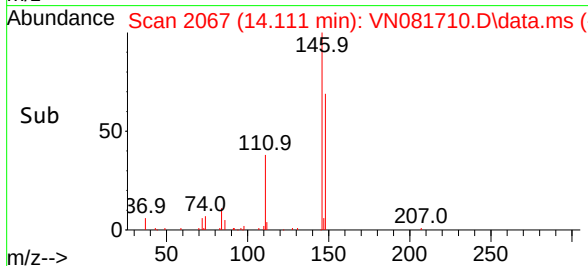
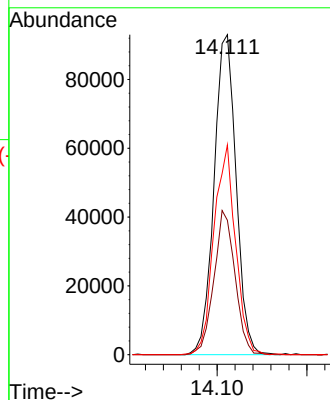
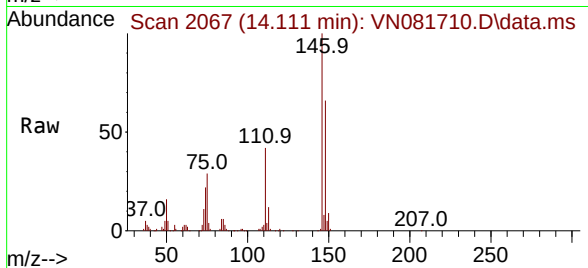
148 64.3 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.053 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

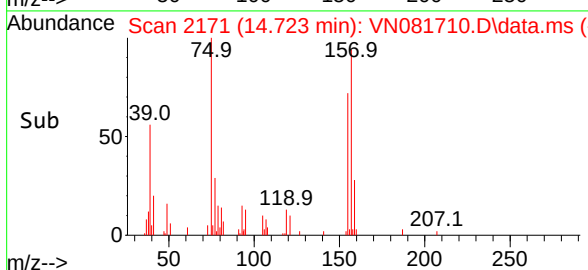
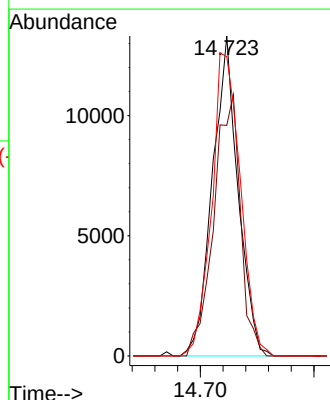
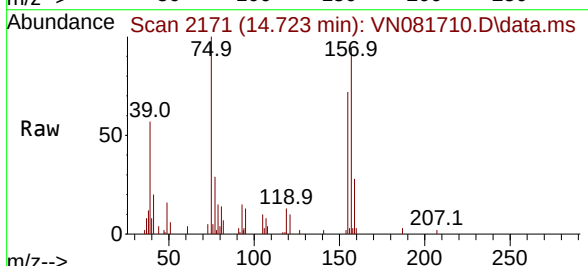
Tgt Ion: 75 Resp: 20926

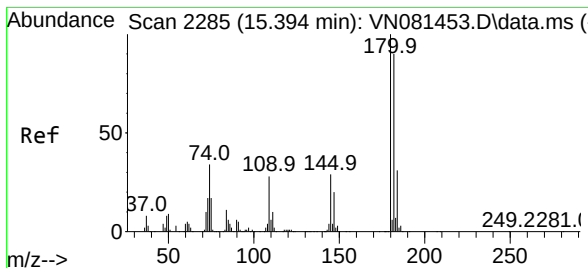
Ion Ratio Lower Upper

75 100

155 84.7 31.8 95.4

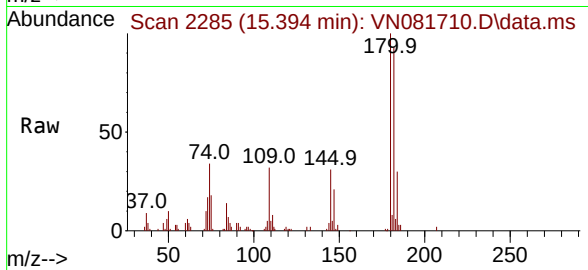
157 105.7 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.769 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

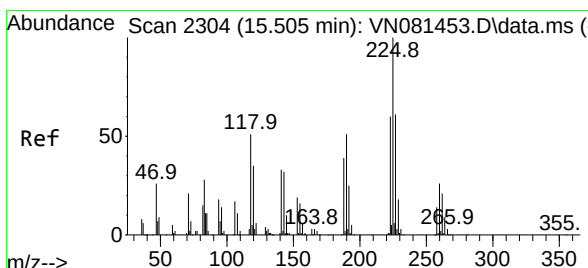
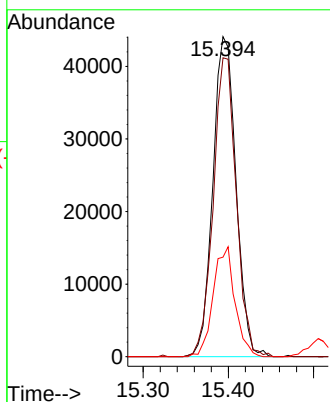
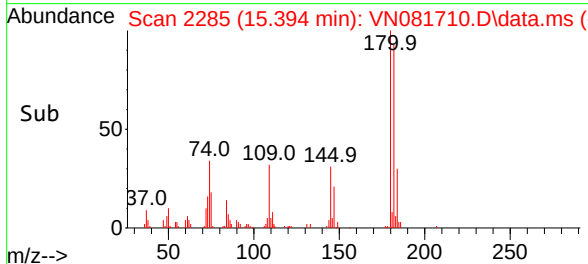
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion:180 Resp: 8321
Ion Ratio Lower Upper
180 100
182 93.0 46.6 139.7
145 32.3 16.8 50.3

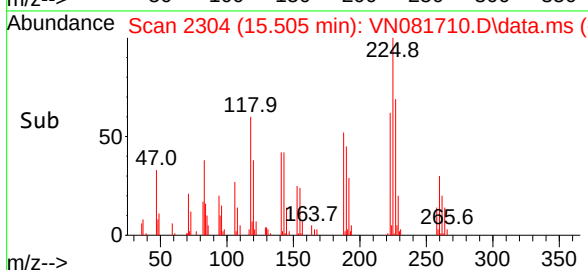
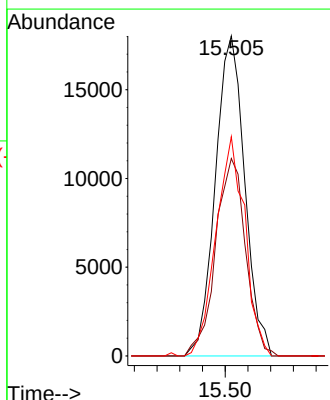
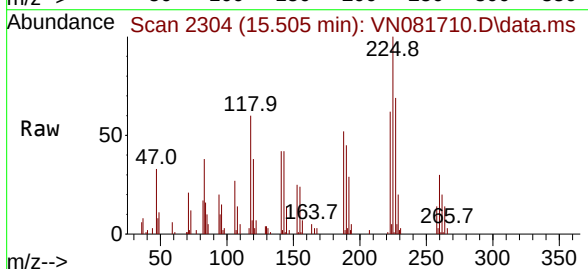
Manual Integrations
APPROVED

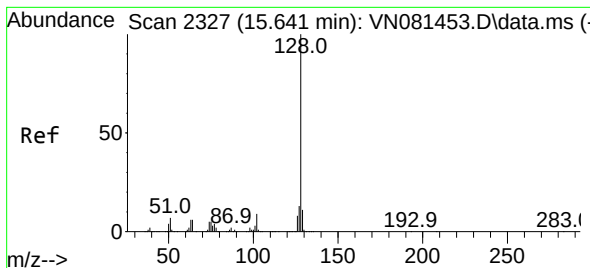
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#94
Hexachlorobutadiene
Concen: 16.647 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081710.D
Acq: 12 Apr 2024 12:08

Tgt Ion:225 Resp: 32382
Ion Ratio Lower Upper
225 100
223 63.1 33.3 99.8
227 67.4 33.1 99.2





#95

Naphthalene

Concen: 18.120 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

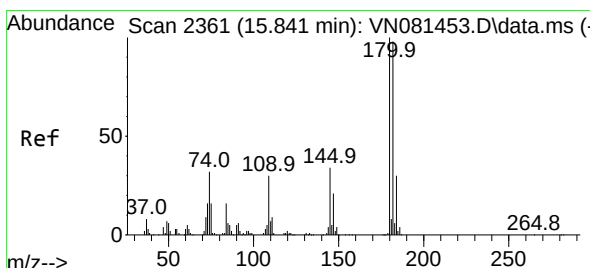
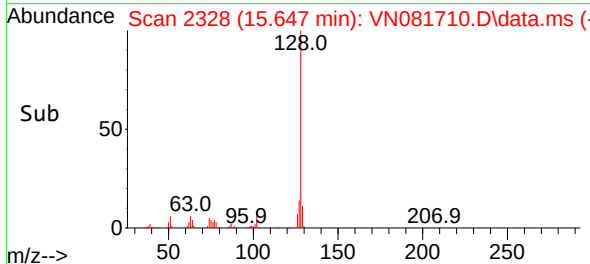
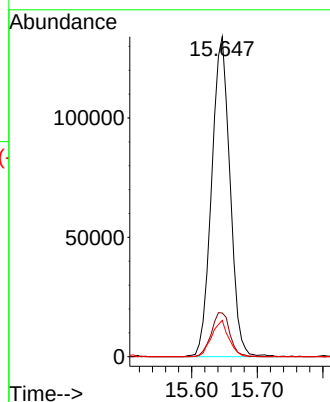
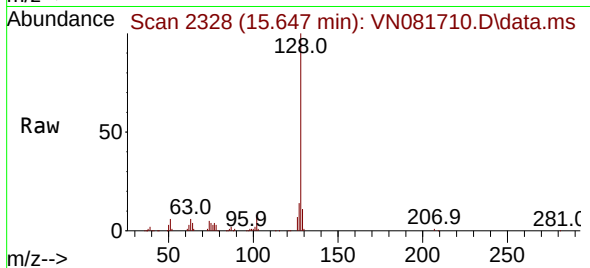
Tgt Ion:	128	Resp:	26031
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.0	15.0
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.679 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081710.D

Acq: 12 Apr 2024 12:08

Tgt Ion:	180	Resp:	83298
Ion Ratio	Lower	Upper	
180	100		
182	91.4	46.5	139.3
145	36.2	17.8	53.4

