

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081896.D
 Acq On : 27 Apr 2024 01:34
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: May 14 11:14:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:13:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	45256	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	264835	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	235844	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	111929	32.915	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.700%			
60) 4-Bromofluorobenzene	12.847	95	120187	33.334	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 111.100%			
63) Toluene-d8	10.565	98	333892	31.547	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.167%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	123306	40.071	ug/l	99
3) Chloromethane	2.359	50	142921	46.218	ug/l	99
4) Vinyl Chloride	2.518	62	132547	35.950	ug/l	99
5) Bromomethane	2.959	94	66552	26.874	ug/l	99
6) Chloroethane	3.124	64	74568	31.026	ug/l	96
7) Trichlorofluoromethane	3.501	101	199162	41.022	ug/l	97
8) Diethyl Ether	3.965	74	93639	54.874	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	127771	48.490	ug/l	73
10) 1,1-Dichloroethene	4.342	96	130729	50.620	ug/l	89
11) Methyl Iodide	4.589	142	121226	43.829	ug/l	86
12) Methyl Acetate	5.018	43	165748	70.825	ug/l #	84
13) Acrolein	4.177	56	181217	355.076	ug/l	99
14) Acrylonitrile	5.718	53	386151	332.283	ug/l	98
15) Acetone	4.424	58	87007	325.454	ug/l	91
16) Carbon Disulfide	4.712	76	351555	49.601	ug/l	98
17) Allyl chloride	5.018	41	225742	69.599	ug/l	86
18) Methylene Chloride	5.277	84	147177	49.868	ug/l	88
19) trans-1,2-Dichloroethene	5.783	96	130881	44.641	ug/l	95
20) Diisopropyl ether	6.671	45	517914	66.436	ug/l	96
21) 1,1-Dichloroethane	6.571	63	273185	54.681	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	169020	49.615	ug/l	95
23) tert-Butyl Alcohol	5.512	59	157303	371.568	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	471587	55.082	ug/l #	84
25) Chloroform	7.965	83	261001	47.090	ug/l	96
26) Cyclohexane	8.259	56	233097	61.962	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	190800	48.366	ug/l	97
30) 2-Butanone	7.483	43	491812	339.798	ug/l	96
31) 2,2-Dichloropropane	7.489	77	195115	43.441	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	220132	44.359	ug/l	95
33) Carbon Tetrachloride	8.359	117	177332	42.412	ug/l	93
34) Benzene	8.606	78	606265	50.291	ug/l	99
35) Methacrylonitrile	7.783	41	124382	73.114	ug/l	89
36) 1,2-Dichloroethane	8.671	62	202010	49.931	ug/l	97
37) Trichloroethene	9.353	130	139252	43.447	ug/l	95
38) Methylcyclohexane	9.600	83	227546	57.798	ug/l	96
39) 1,2-Dichloropropane	9.624	63	156331	54.672	ug/l	95
40) Dibromomethane	9.706	93	99648	45.805	ug/l	91
41) Bromodichloromethane	9.888	83	212335	49.872	ug/l #	99
42) Vinyl Acetate	6.600	43	2060321	332.791	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	214560	71.173	ug/l	96
44) Isopropyl Acetate	8.688	43	376592	69.525	ug/l	90
45) 1,4-Dioxane	9.694	88	61457	1196.312	ug/l #	93
46) Methyl methacrylate	9.682	41	176687	71.289	ug/l	83
47) n-amyl Acetate	12.494	43	356601m	75.488	ug/l	
48) t-1,3-Dichloropropene	10.841	75	229600	51.454	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	244965m	50.664	ug/l	
50) 1,1,2-Trichloroethane	11.018	97	135150	44.898	ug/l	96
51) Ethyl methacrylate	10.871	69	258092	61.348	ug/l	74
52) 1,3-Dichloropropane	11.165	76	248538	50.000	ug/l	99
53) Dibromochloromethane	11.365	129	149258	45.494	ug/l	98
54) 1,2-Dibromoethane	11.471	107	136663	43.885	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	636084	295.038	ug/l	96
56) Bromoform	12.582	173	92425	44.233	ug/l	95
58) 4-Methyl-2-Pentanone	10.447	43	1098559	358.782	ug/l #	87
59) 2-Hexanone	11.194	43	821728	364.883	ug/l #	88
61) Tetrachloroethene	11.106	164	122484	45.465	ug/l	96
62) Toluene	10.630	91	621309	48.092	ug/l	99
64) Chlorobenzene	11.894	112	387114	48.924	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	127772	43.533	ug/l	97
66) Ethyl Benzene	11.965	91	696133	51.247	ug/l	98
67) m/p-Xylenes	12.071	106	516632	96.847	ug/l	99
68) o-Xylene	12.400	106	256194	49.006	ug/l	99
69) Styrene	12.412	104	434223	50.453	ug/l	100
70) Isopropylbenzene	12.694	105	664423	52.151	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	184574	46.982	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	172237m	56.006	ug/l	
73) Bromobenzene	12.982	156	137281	43.330	ug/l	81
74) n-propylbenzene	13.035	91	782502	54.043	ug/l	98
75) 2-Chlorotoluene	13.123	91	478011	53.180	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	537707	51.582	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	78635	67.569	ug/l	93
78) 4-Chlorotoluene	13.223	91	471465	52.370	ug/l	99
79) tert-butylbenzene	13.441	119	454282	52.497	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	536187	51.624	ug/l	97
81) sec-Butylbenzene	13.618	105	642023	52.981	ug/l	100
82) p-Isopropyltoluene	13.729	119	515453	50.667	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	254544	44.670	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	254120	44.428	ug/l	99
85) n-Butylbenzene	14.059	91	477600	56.898	ug/l	97
86) Hexachloroethane	14.335	117	101634	63.336	ug/l	81
87) 1,2-Dichlorobenzene	14.106	146	254498	45.873	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	39550	55.776	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	141743	52.225	ug/l	98
90) Hexachlorobutadiene	15.500	225	50557	42.458	ug/l	99
91) Naphthalene	15.641	128	532948	55.302	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	141743	52.225	ug/l	98

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

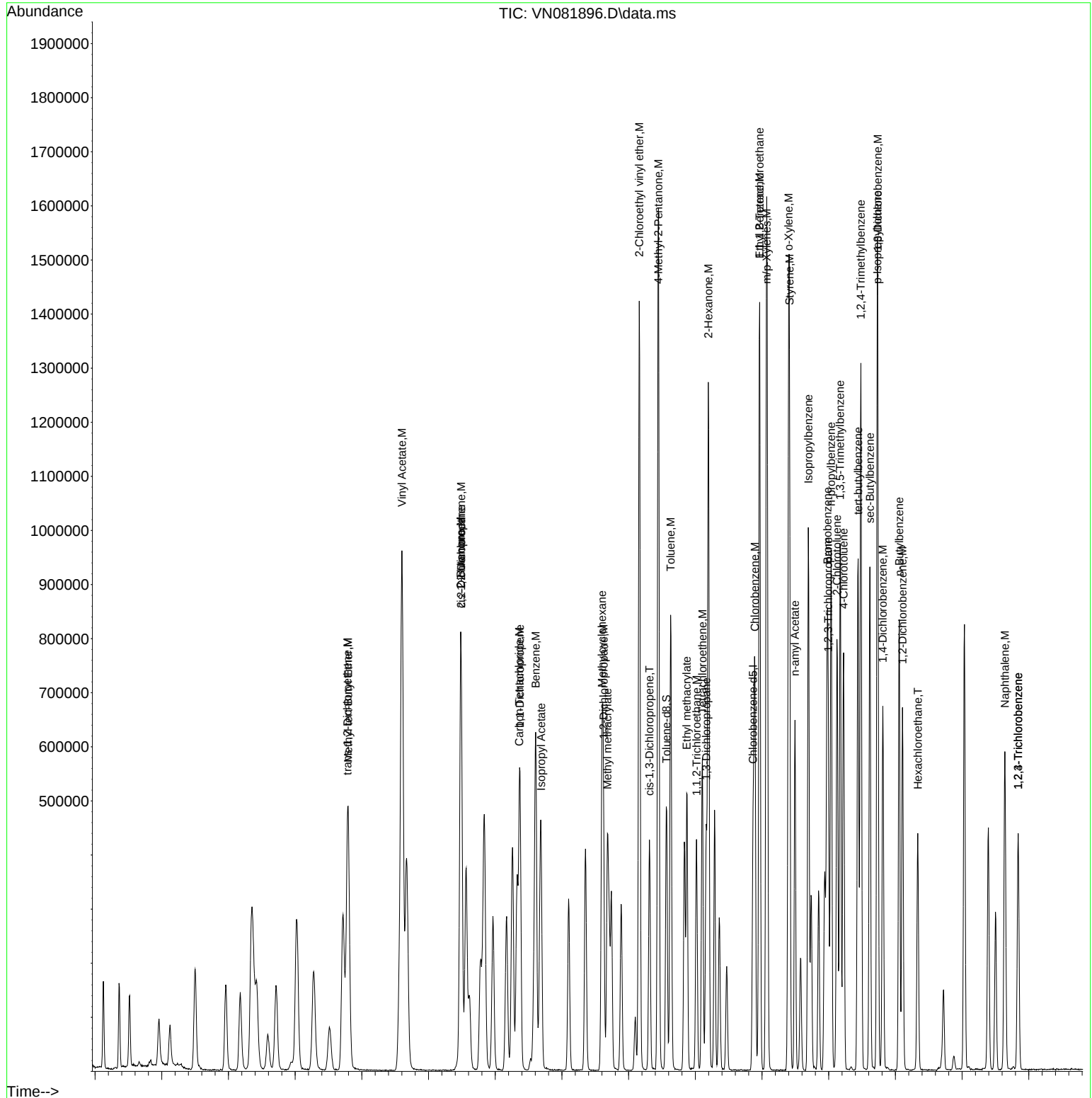
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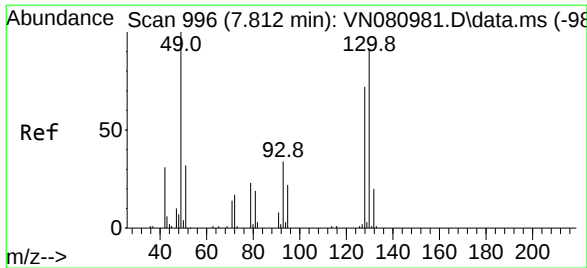
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

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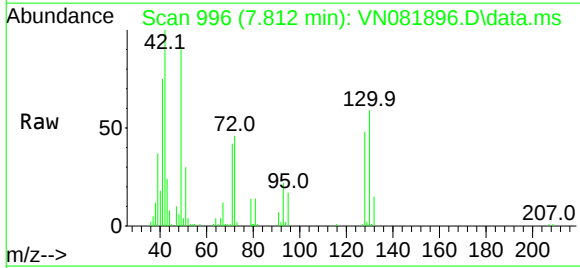
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 14 11:13:26 2024
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

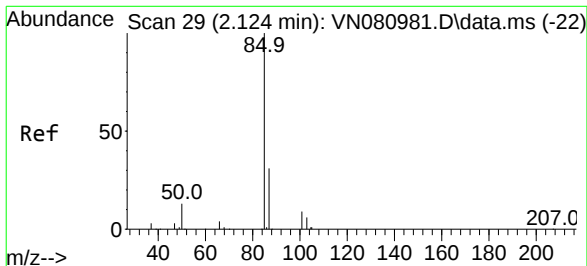
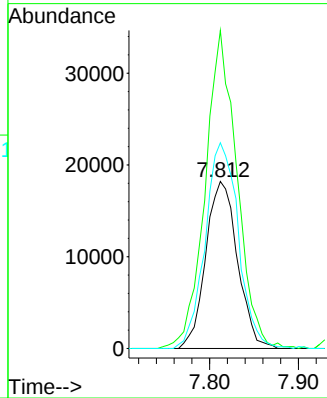
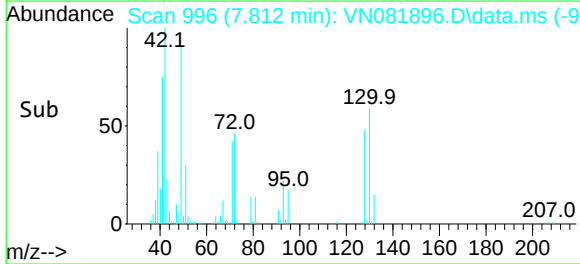
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 45256
Ion Ratio Lower Upper
128 100
49 189.1 0.0 403.7
130 128.6 0.0 323.3

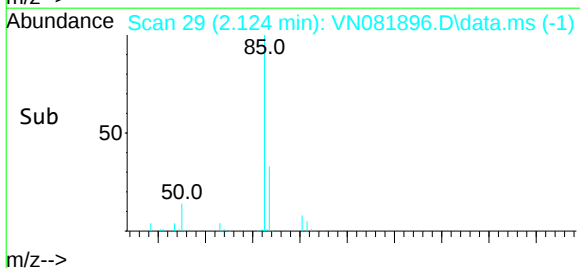
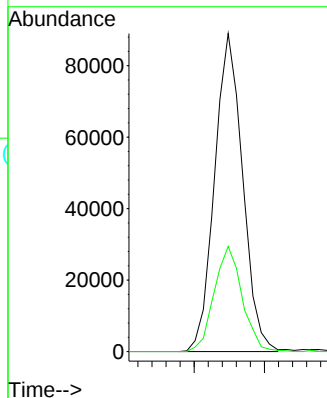
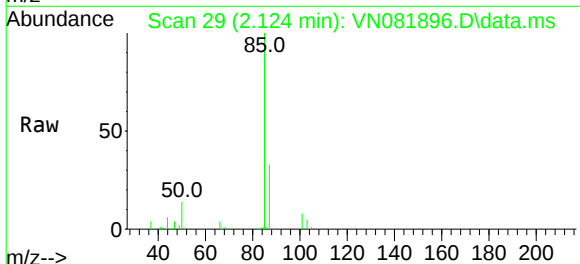
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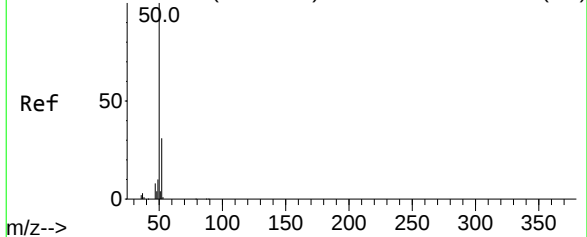


#2
Dichlorodifluoromethane
Concen: 40.071 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 85 Resp: 123306
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.3



Abundance Scan 69 (2.359 min): VN080981.D\data.ms (-62)



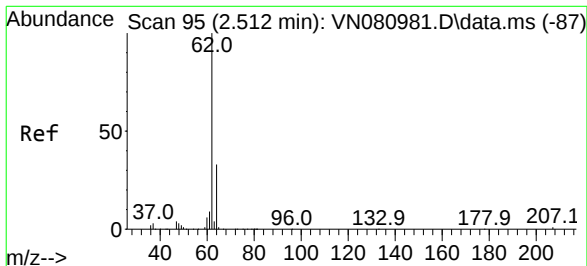
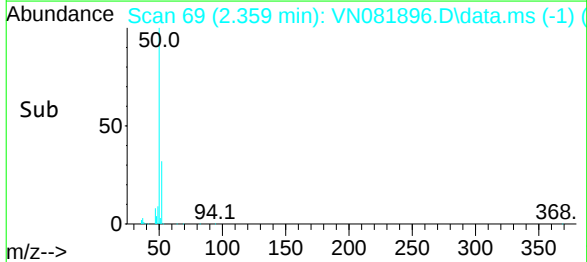
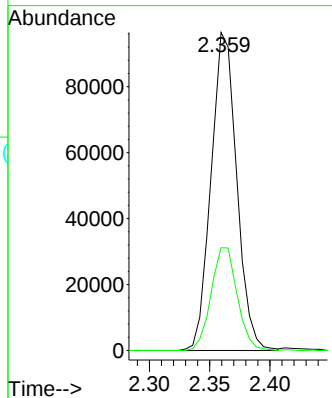
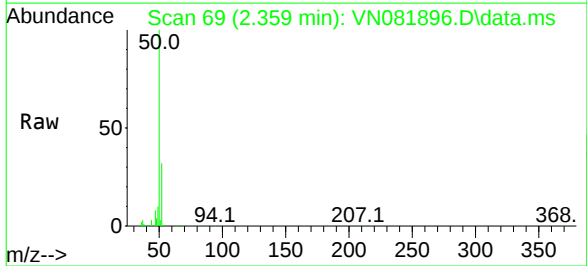
#3
Chloromethane
Concen: 46.218 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 142921
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

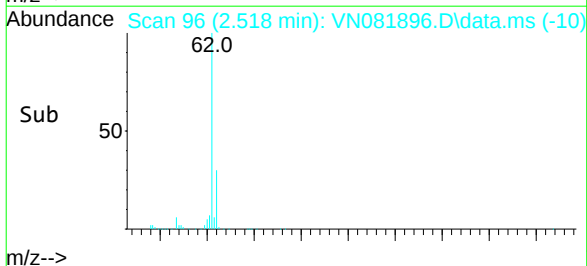
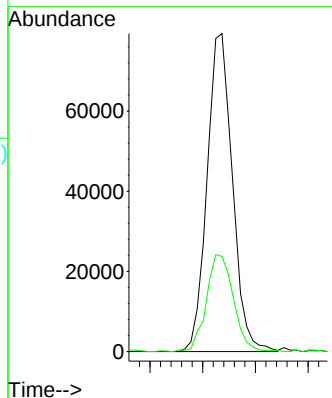
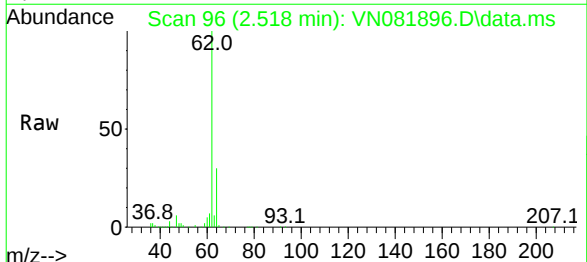
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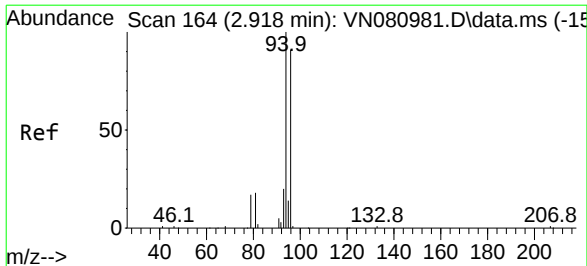
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#4
Vinyl Chloride
Concen: 35.950 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

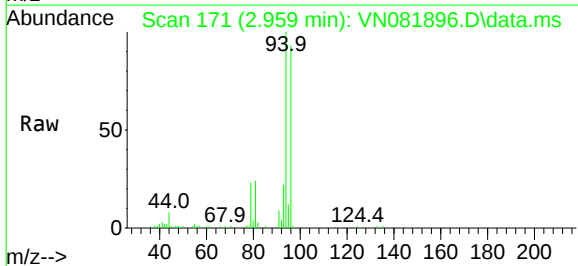
Tgt Ion: 62 Resp: 132547
Ion Ratio Lower Upper
62 100
64 29.5 24.1 36.1





#5
Bromomethane
Concen: 26.874 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.041 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

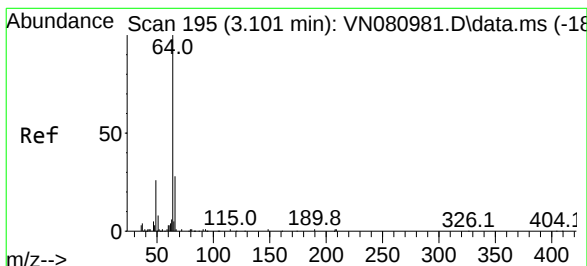
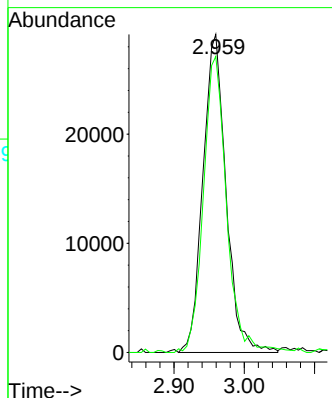
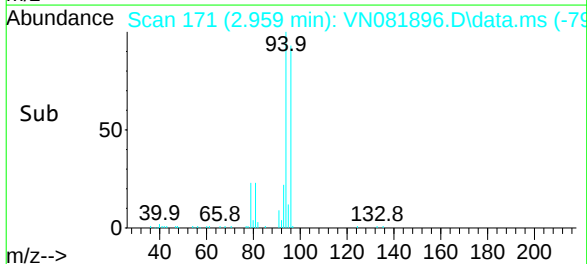
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Tgt Ion: 94 Resp: 66552
Ion Ratio Lower Upper
94 100
96 91.9 72.8 109.2

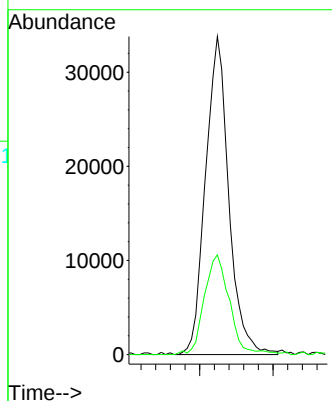
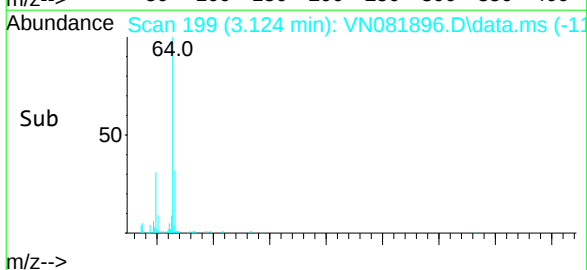
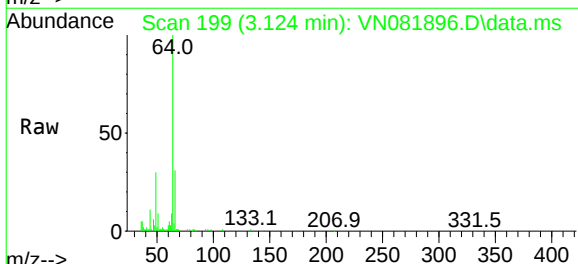
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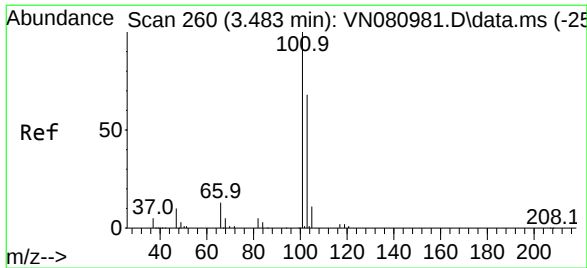
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#6
Chloroethane
Concen: 31.026 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.024 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

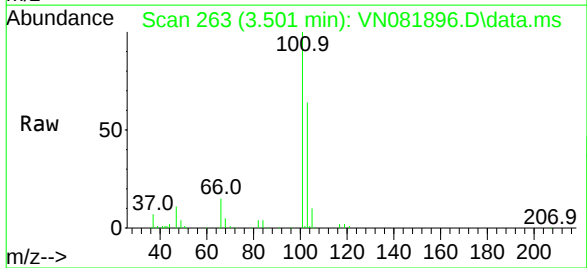
Tgt Ion: 64 Resp: 74568
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 41.022 ug/l
 RT: 3.501 min Scan# 260
 Delta R.T. 0.018 min
 Lab File: VN081896.D
 Acq: 27 Apr 2024 01:34

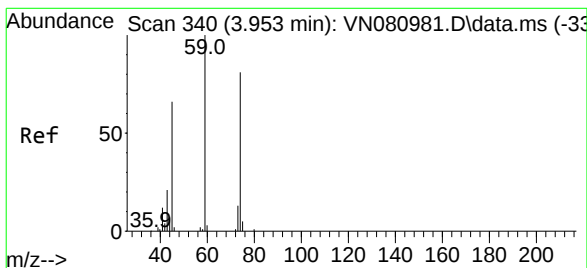
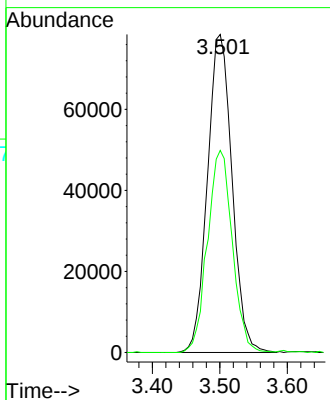
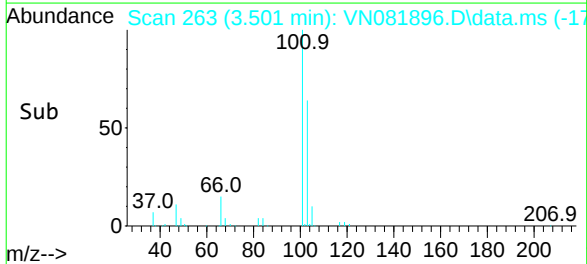
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050



Tgt Ion: 101 Resp: 199162
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.0 79.4

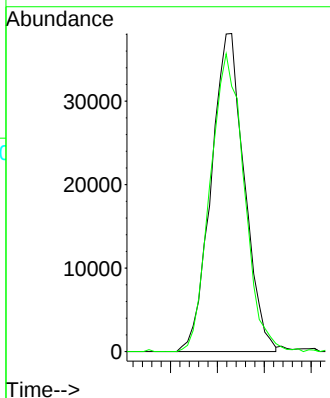
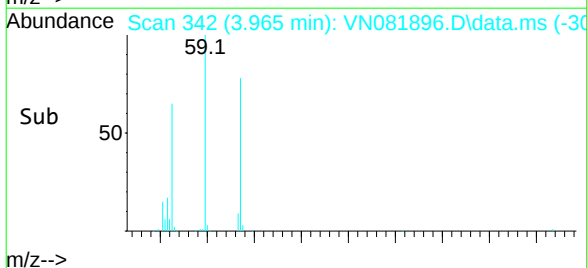
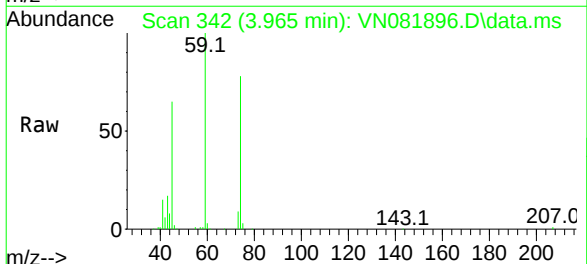
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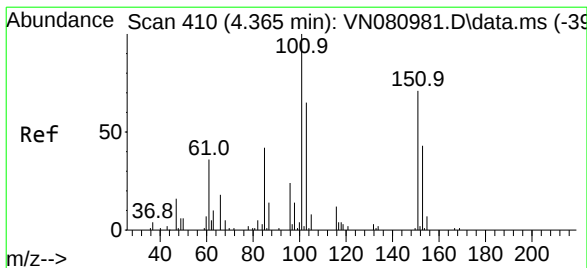
Reviewed By : John Carlone 04/29/2024
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#8
 Diethyl Ether
 Concen: 54.874 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN081896.D
 Acq: 27 Apr 2024 01:34

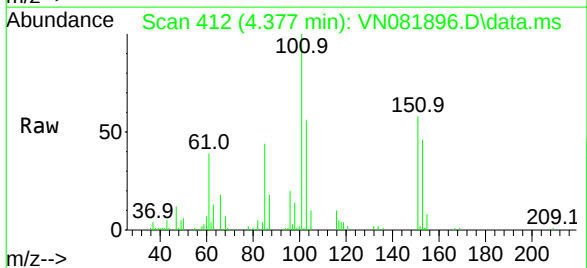
Tgt Ion: 74 Resp: 93639
 Ion Ratio Lower Upper
 74 100
 45 95.6 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.490 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

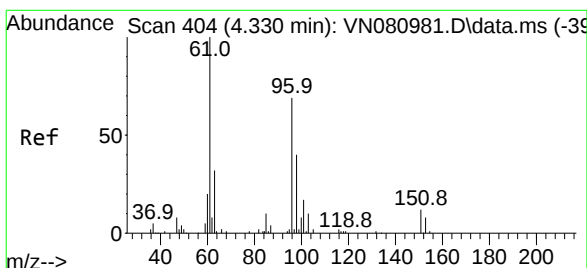
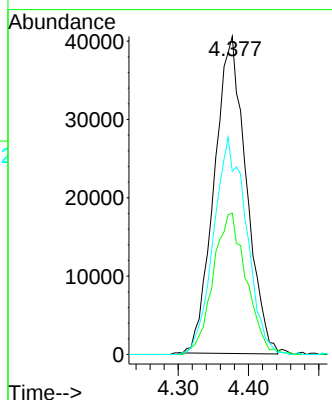
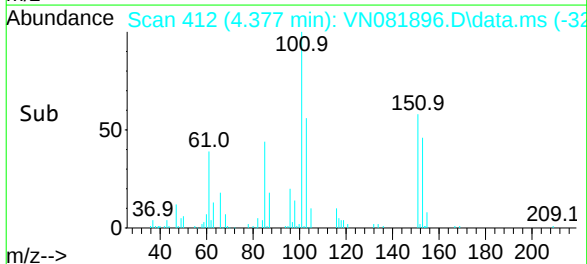
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:101 Resp: 127771
Ion Ratio Lower Upper
101 100
85 45.7 0.0 90.6
151 41.7 0.0 157.6

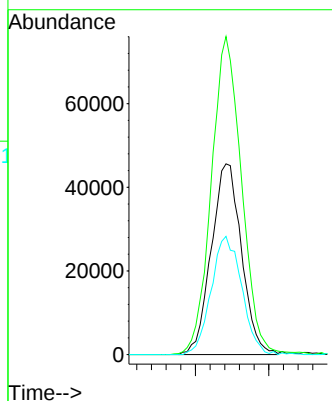
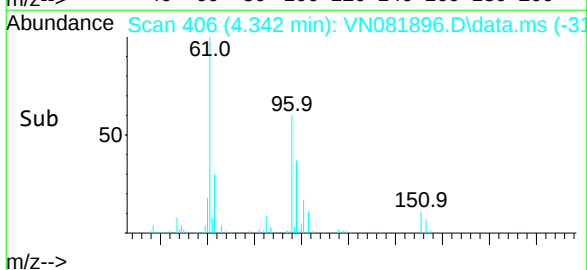
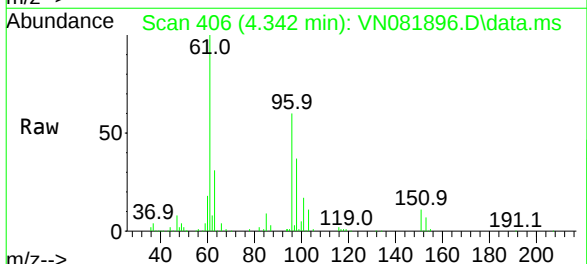
Manual Integrations
APPROVED

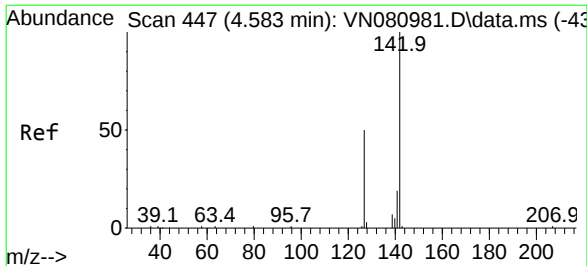
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#10
1,1-Dichloroethene
Concen: 50.620 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 96 Resp: 130729
Ion Ratio Lower Upper
96 100
61 166.2 117.6 176.4
98 62.0 48.4 72.6





#11

Methyl Iodide

Concen: 43.829 ug/l

RT: 4.589 min Scan# 447

Delta R.T. 0.006 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

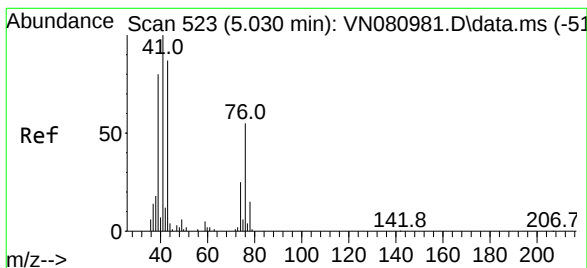
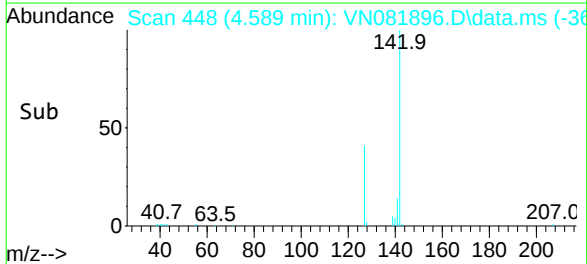
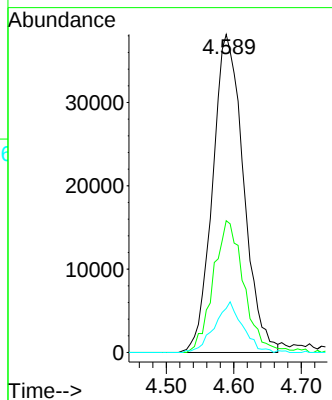
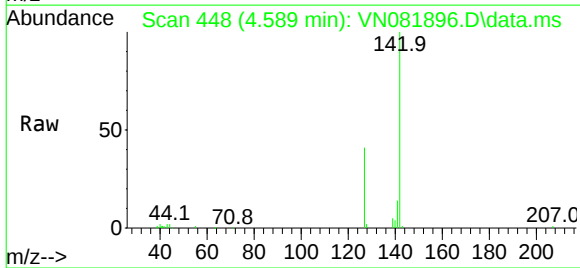
VSTDICC050

Tgt Ion:142 Resp: 121226
 Ion Ratio Lower Upper
 142 100
 127 41.3 26.3 78.9
 141 13.8 8.3 24.9

Manual Integrations

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Reviewed By :John Carlone 04/29/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#12

Methyl Acetate

Concen: 70.825 ug/l

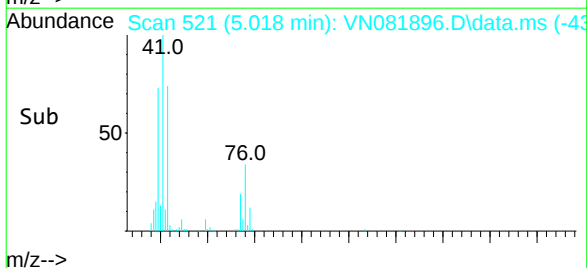
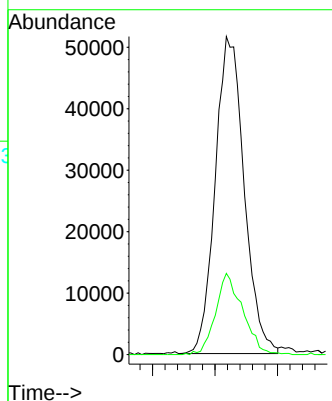
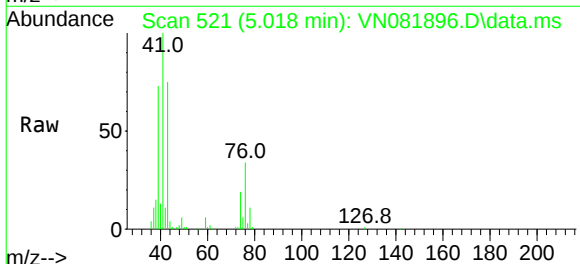
RT: 5.018 min Scan# 521

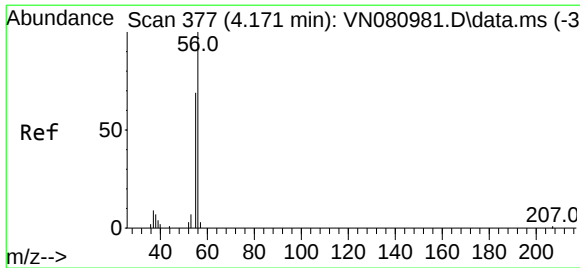
Delta R.T. -0.012 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Tgt Ion: 43 Resp: 165748
 Ion Ratio Lower Upper
 43 100
 74 25.6 27.7 41.5#





#13

Acrolein

Concen: 355.076 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 56 Resp: 181217

Ion Ratio Lower Upper

56 100

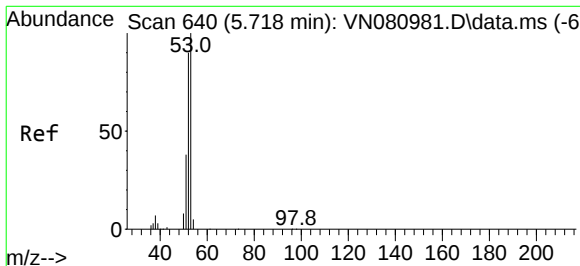
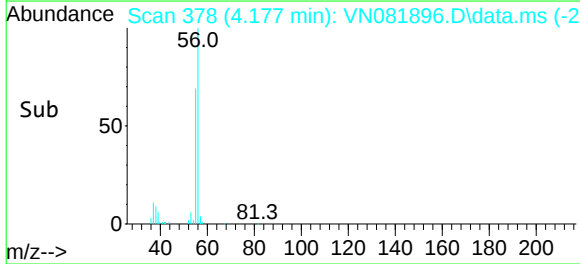
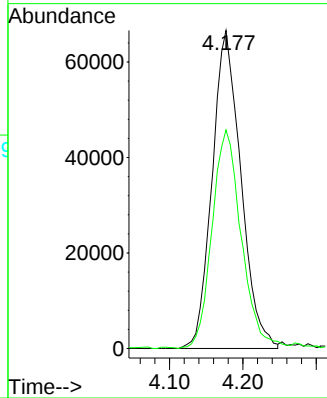
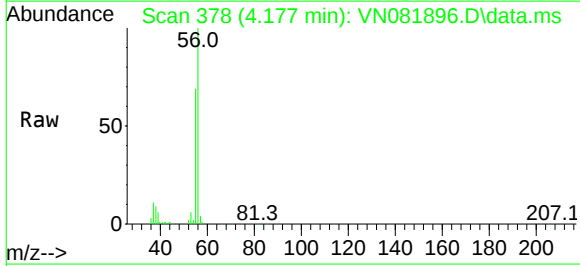
55 70.0 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#14

Acrylonitrile

Concen: 332.283 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

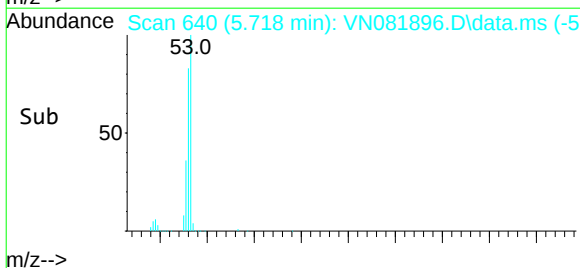
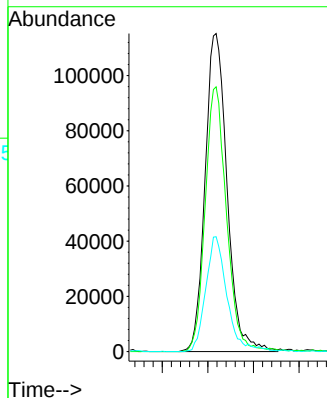
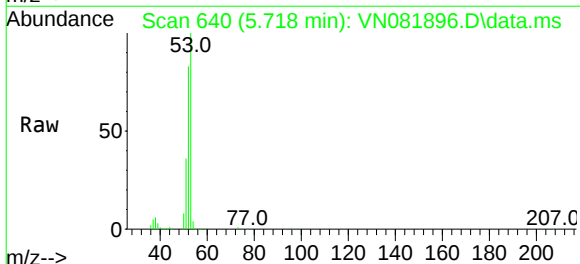
Tgt Ion: 53 Resp: 386151

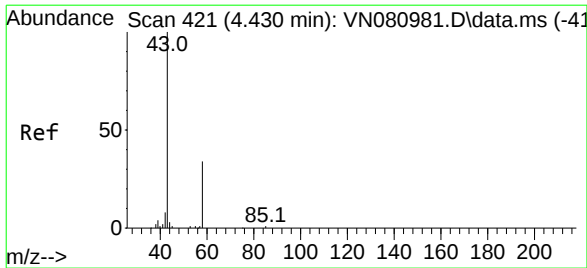
Ion Ratio Lower Upper

53 100

52 79.6 41.3 123.9

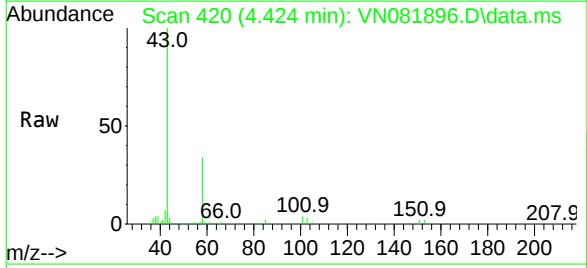
51 33.6 16.8 50.3





#15
Acetone
Concen: 325.454 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

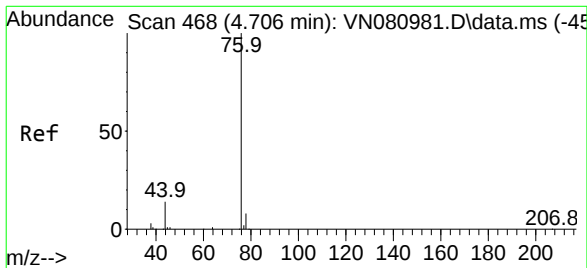
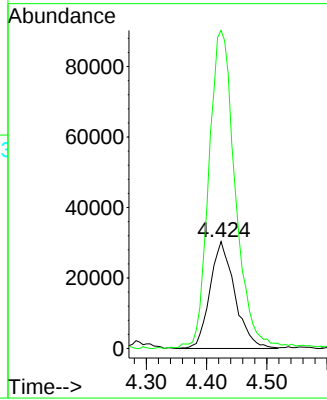
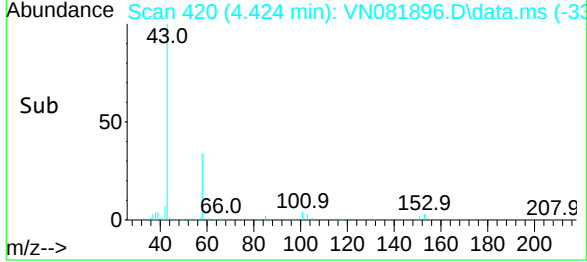
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 87007
Ion Ratio Lower Upper
58 100
43 296.3 223.1 334.7

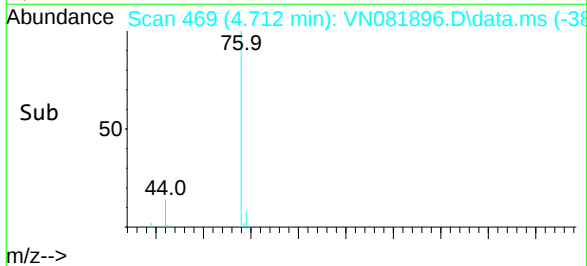
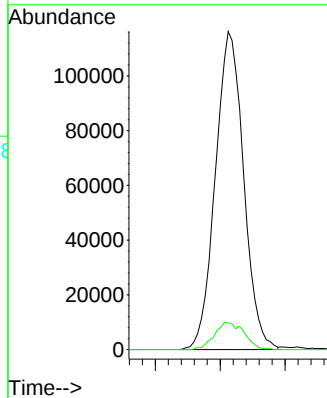
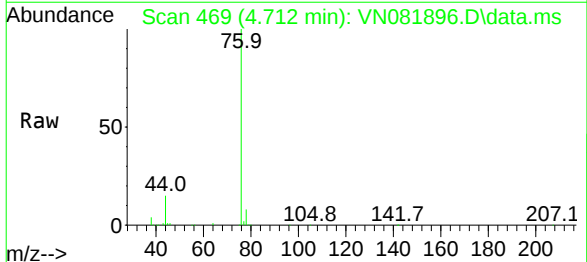
Manual Integrations
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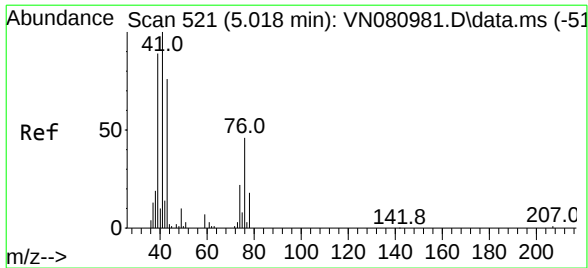
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#16
Carbon Disulfide
Concen: 49.601 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

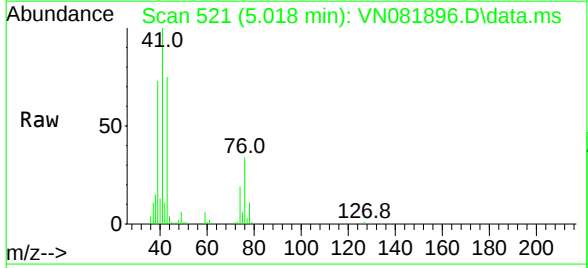
Tgt Ion: 76 Resp: 351555
Ion Ratio Lower Upper
76 100
78 8.4 6.3 9.5





#17
 Allyl chloride
 Concen: 69.599 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN081896.D
 Acq: 27 Apr 2024 01:34

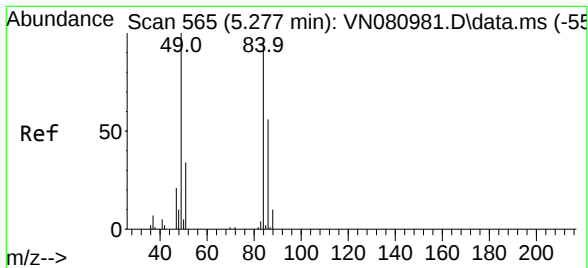
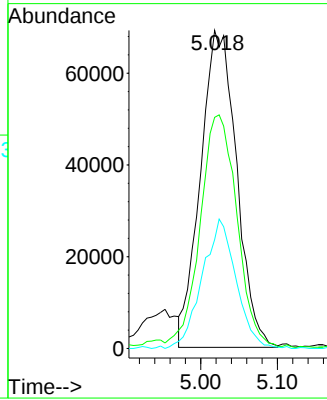
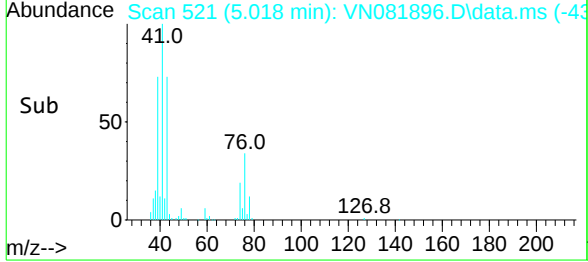
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050



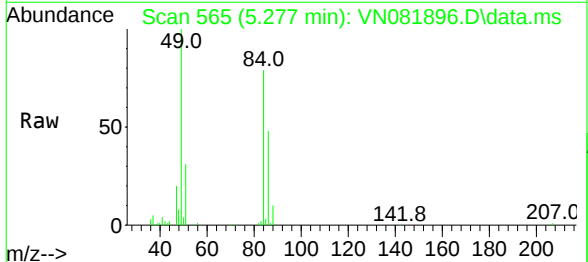
Tgt Ion: 41 Resp: 225742
 Ion Ratio Lower Upper
 41 100
 39 72.6 37.6 112.9
 76 34.1 27.8 83.4

Manual Integrations
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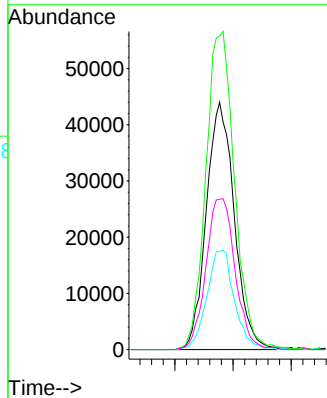
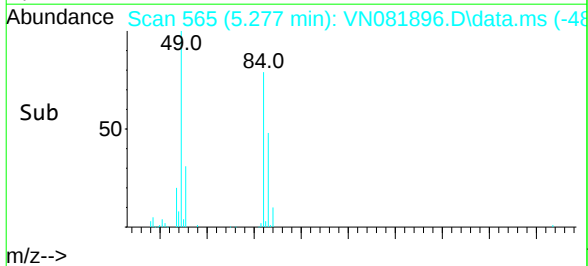
Reviewed By :John Carlone 04/29/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

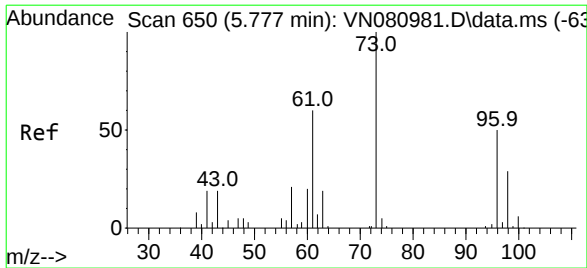


#18
 Methylene Chloride
 Concen: 49.868 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN081896.D
 Acq: 27 Apr 2024 01:34



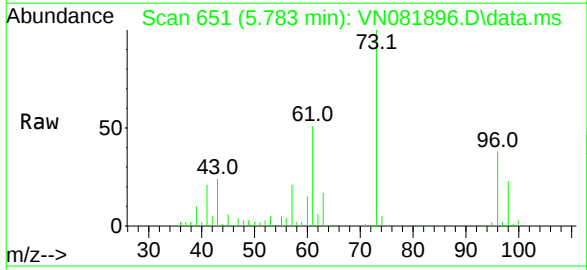
Tgt Ion: 84 Resp: 147177
 Ion Ratio Lower Upper
 84 100
 49 126.0 86.0 129.0
 51 39.8 30.0 45.0
 86 60.4 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 44.641 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

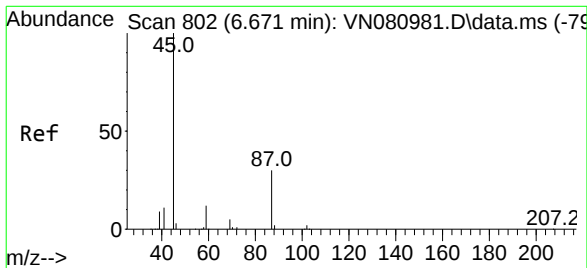
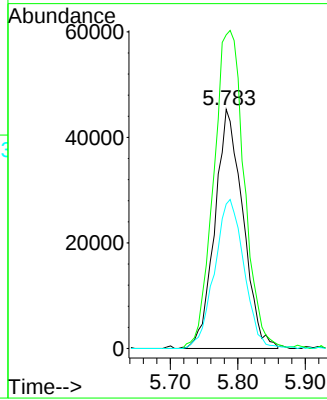
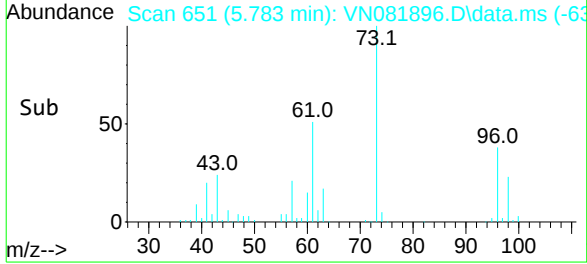
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



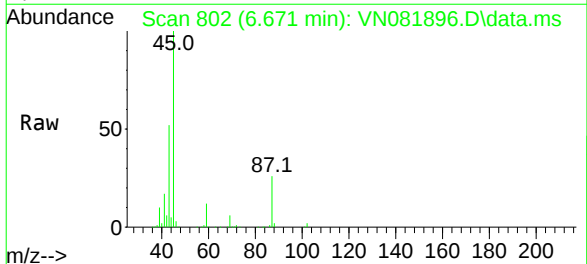
Tgt Ion: 96 Resp: 130881
Ion Ratio Lower Upper
96 100
61 131.2 111.8 167.6
98 60.4 49.2 73.8

Manual Integrations
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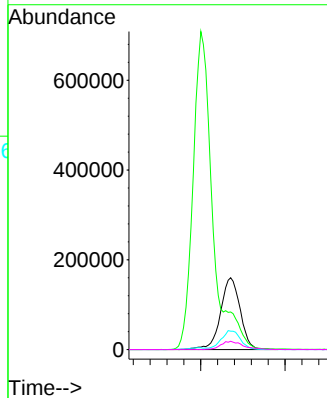
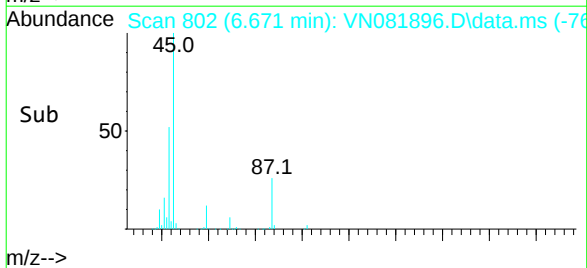
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

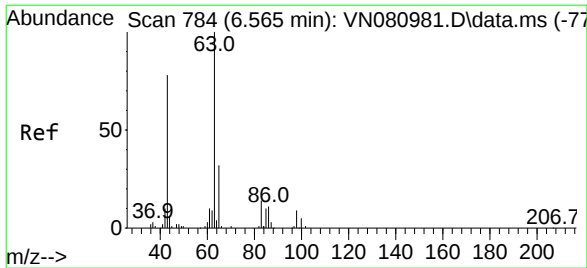


#20
Diisopropyl ether
Concen: 66.436 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34



Tgt Ion: 45 Resp: 517914
Ion Ratio Lower Upper
45 100
43 51.6 40.4 60.6
87 25.6 23.8 35.8
59 11.4 9.8 14.6





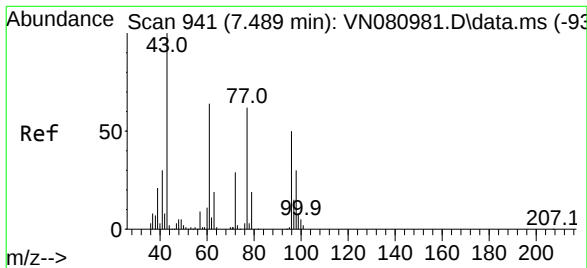
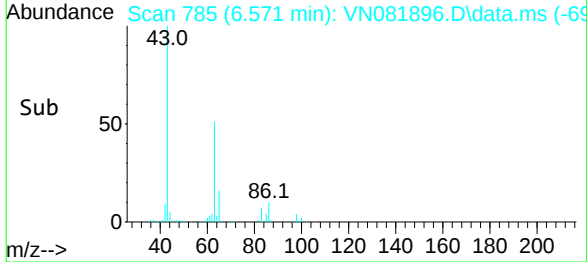
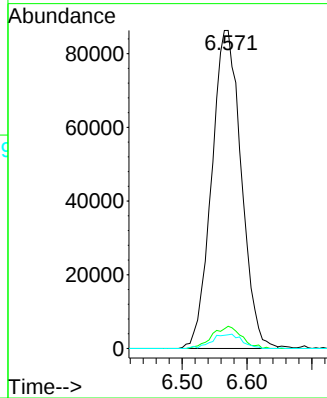
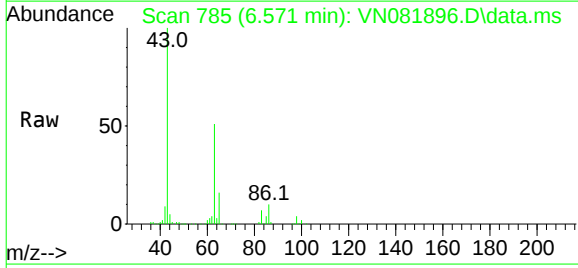
#21
1,1-Dichloroethane
Concen: 54.681 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 273185
Ion Ratio Lower Upper
63 100
98 7.0 4.1 12.3
100 4.3 3.0 9.0

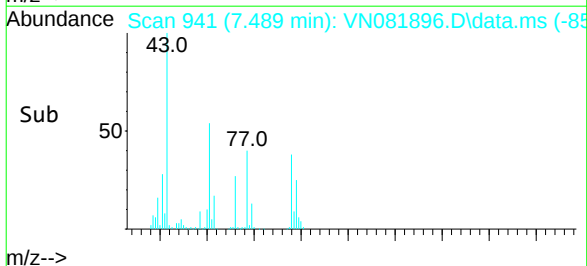
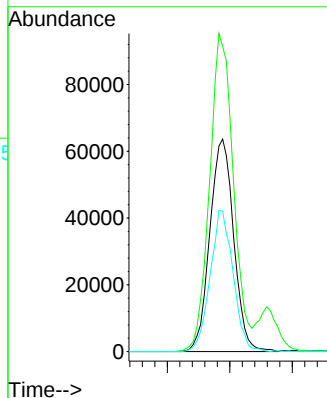
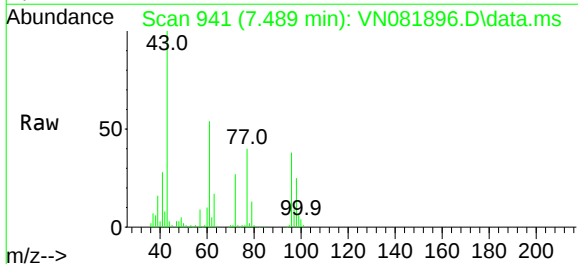
Manual Integrations
APPROVED

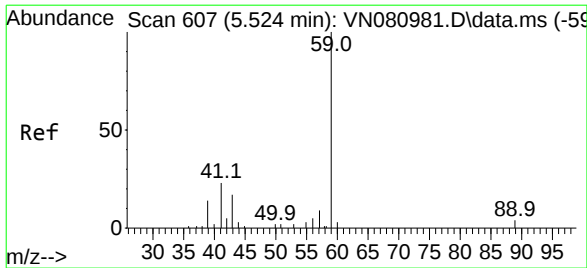
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#22
cis-1,2-Dichloroethene
Concen: 49.615 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

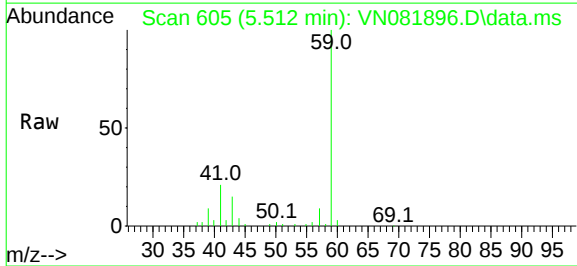
Tgt Ion: 96 Resp: 169020
Ion Ratio Lower Upper
96 100
61 149.2 113.5 170.3
98 63.9 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 371.568 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

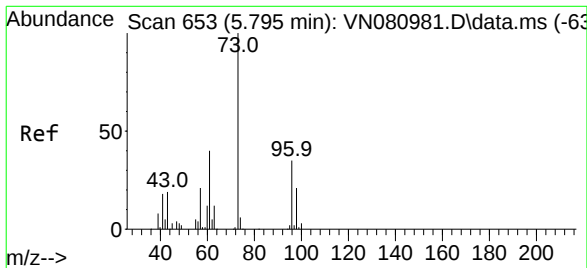
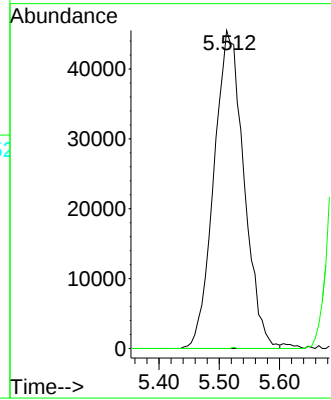
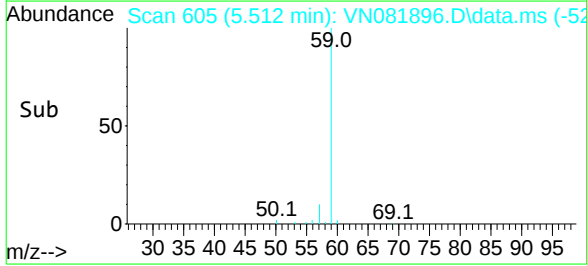
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 59 Resp: 157303
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

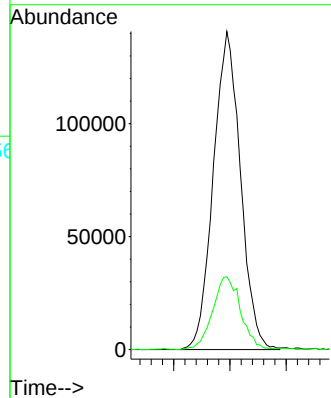
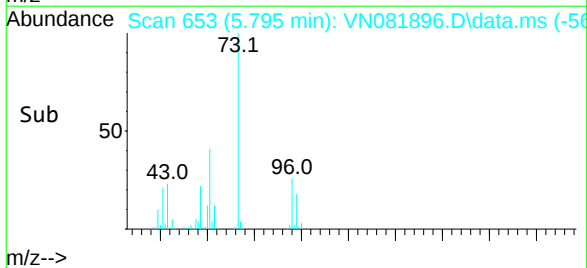
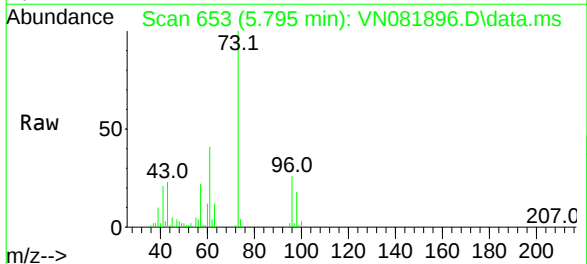
Manual Integrations
APPROVED

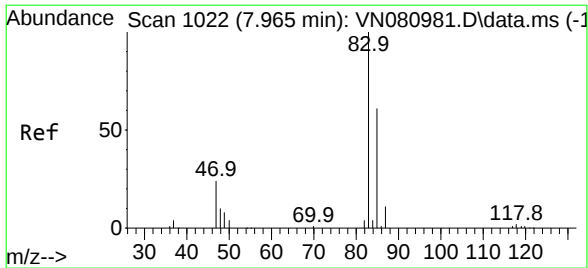
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#24
Methyl tert-Butyl Ether
Concen: 55.082 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 73 Resp: 471587
Ion Ratio Lower Upper
73 100
43 23.7 13.4 20.2#





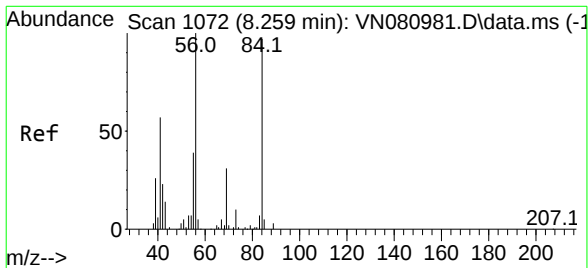
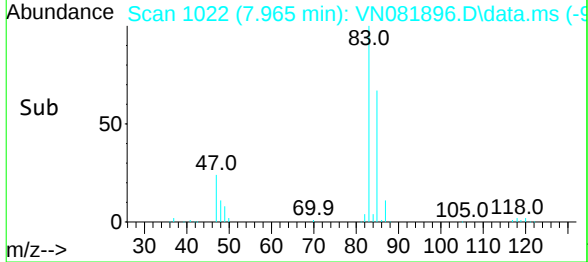
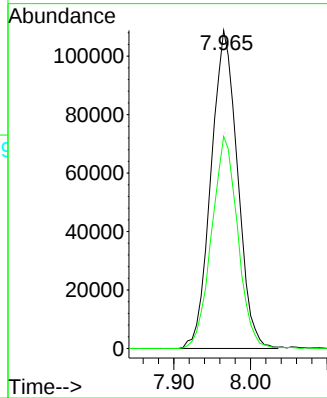
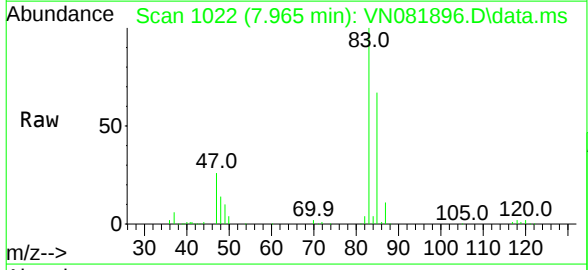
#25
Chloroform
Concen: 47.090 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 261001
Ion Ratio Lower Upper
83 100
85 66.6 50.9 76.3

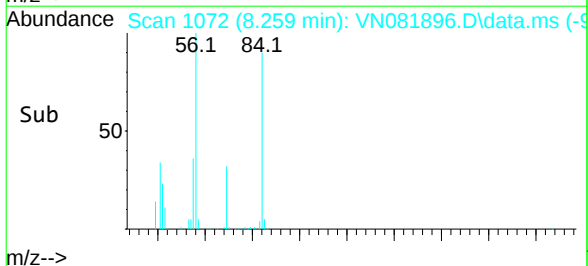
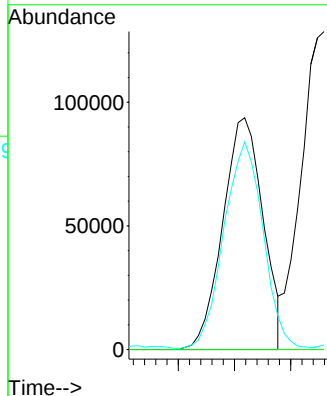
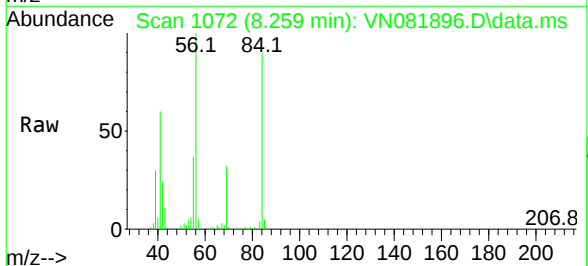
Manual Integrations
APPROVED

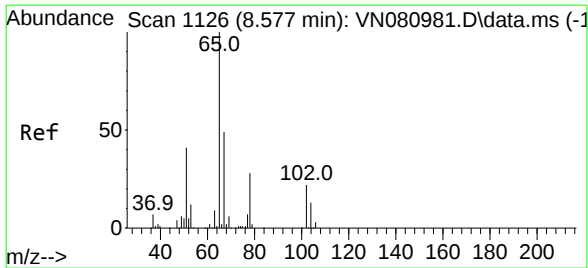
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#26
Cyclohexane
Concen: 61.962 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 56 Resp: 233097
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 87.6 71.3 106.9





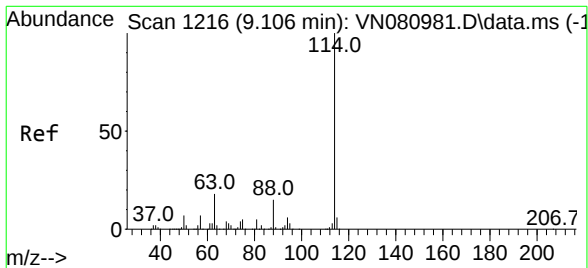
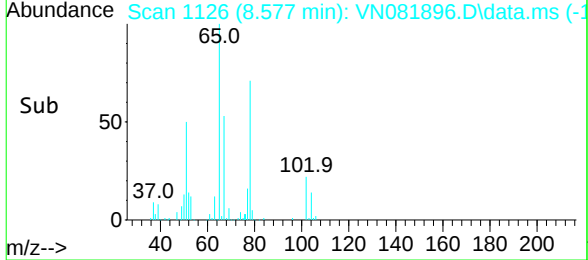
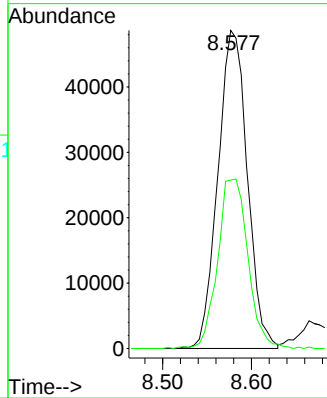
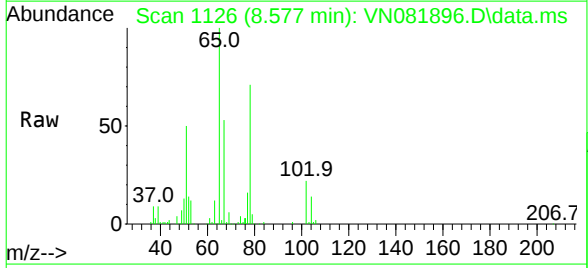
#27
1,2-Dichloroethane-d4
Concen: 32.915 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 65 Resp: 111929
Ion Ratio Lower Upper
65 100
67 54.7 43.2 64.8

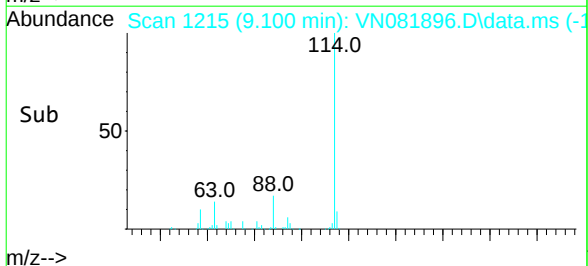
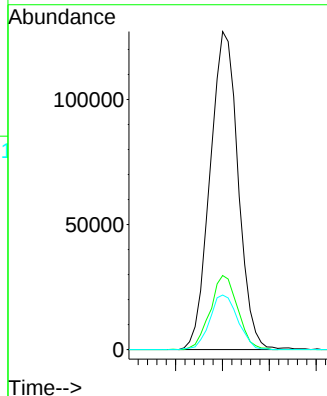
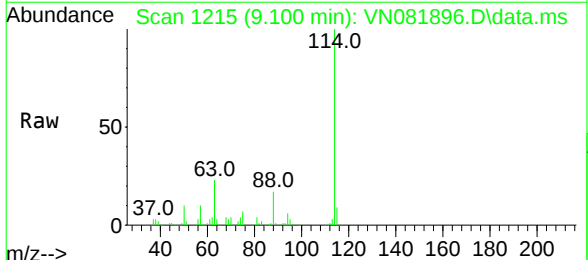
Manual Integrations
APPROVED

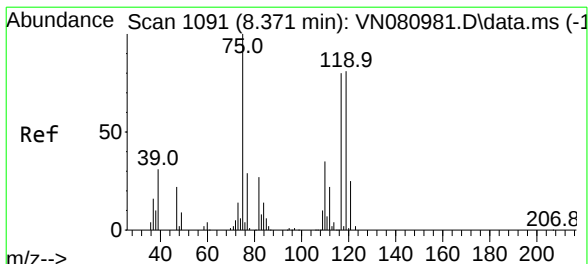
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:114 Resp: 264835
Ion Ratio Lower Upper
114 100
63 22.8 15.9 23.9
88 17.1 12.7 19.1





#29
1,1-Dichloropropene
Concen: 48.366 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

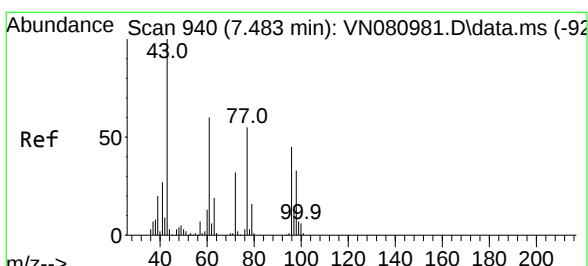
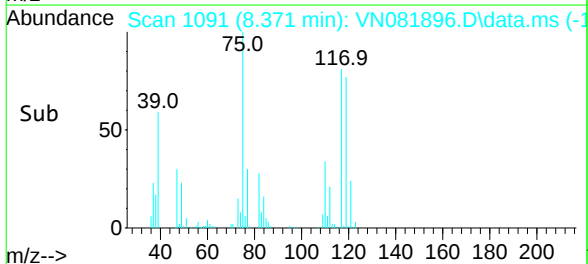
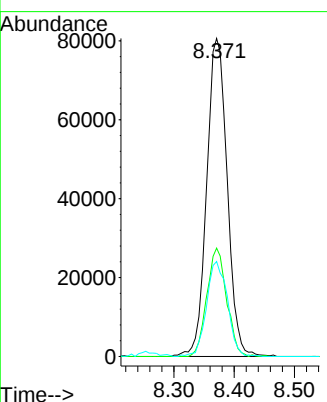
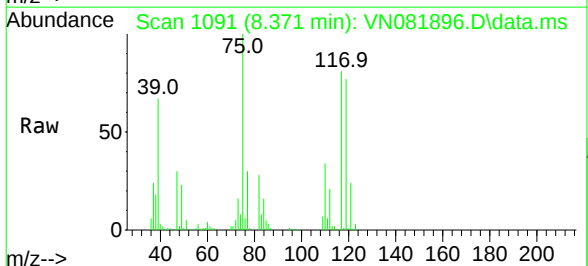
VSTDICC050

Tgt Ion:	75	Resp:	190800
Ion	Ratio	Lower	Upper
75	100		
110	32.8	0.0	70.2
77	29.4	0.0	61.4

Manual Integrations

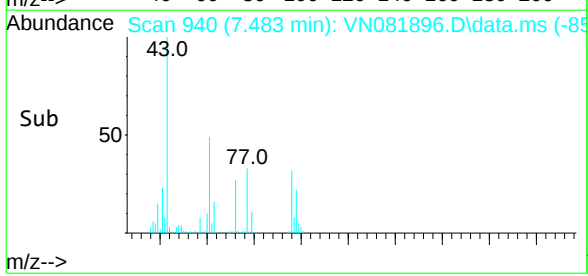
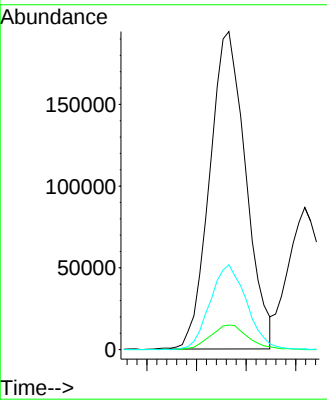
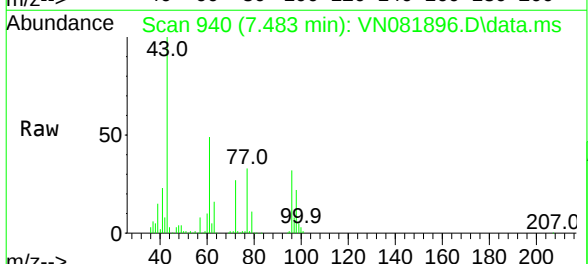
APPROVED

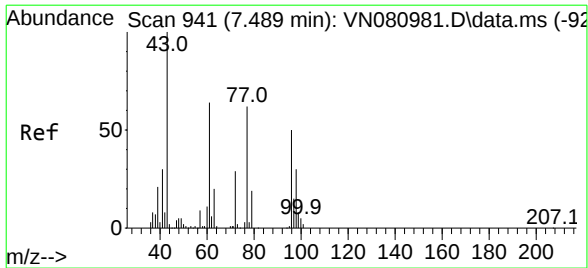
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#30
2-Butanone
Concen: 339.798 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

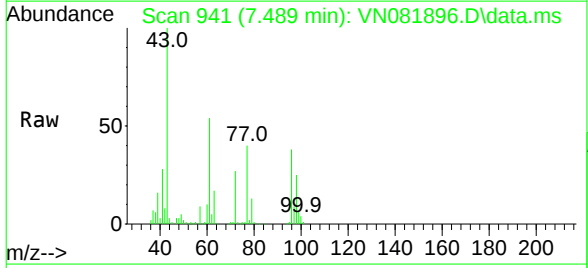
Tgt Ion:	43	Resp:	491812
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.7	10.1
72	27.0	24.0	36.0





#31
2,2-Dichloropropane
Concen: 43.441 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

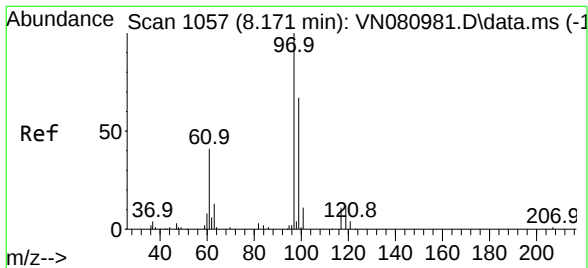
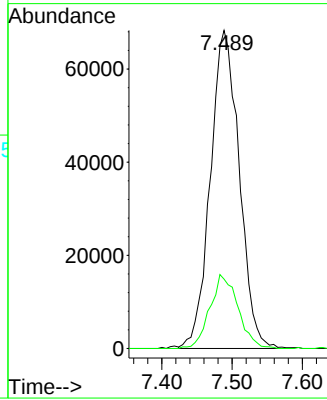
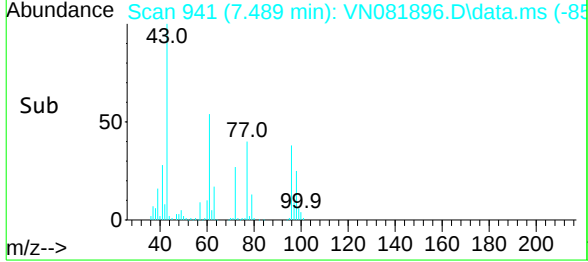
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 77 Resp: 195115
Ion Ratio Lower Upper
77 100
97 22.5 18.3 27.5

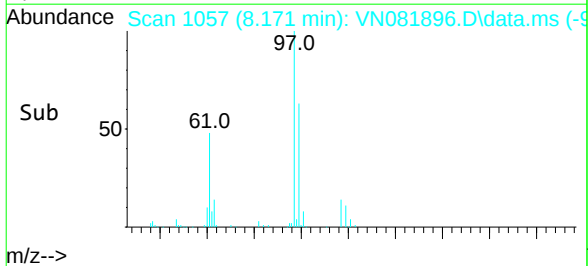
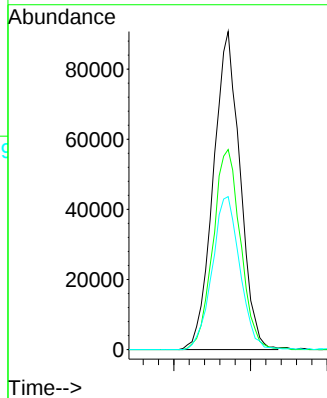
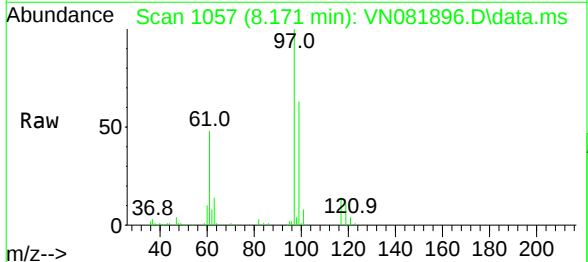
Manual Integrations
APPROVED

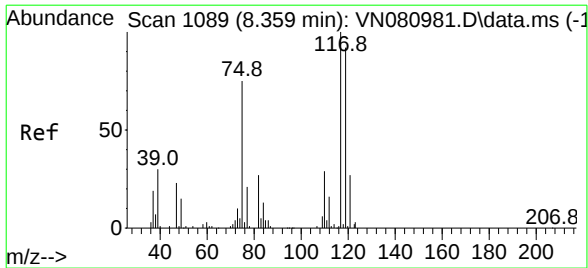
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#32
1,1,1-Trichloroethane
Concen: 44.359 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

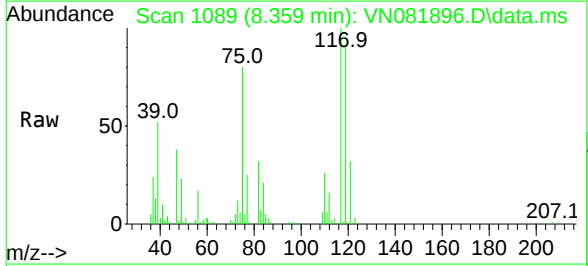
Tgt Ion: 97 Resp: 220132
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 49.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 42.412 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

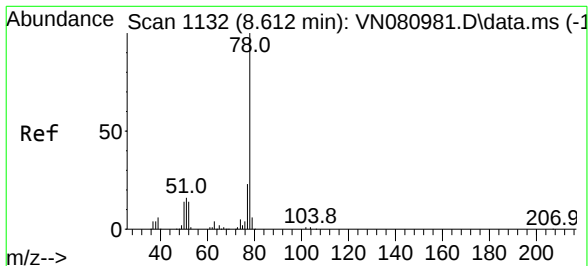
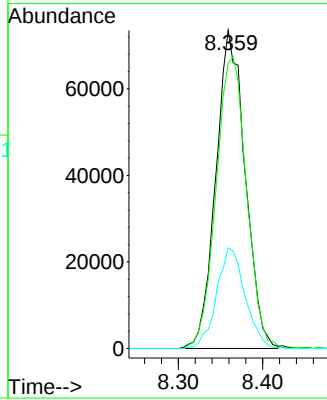
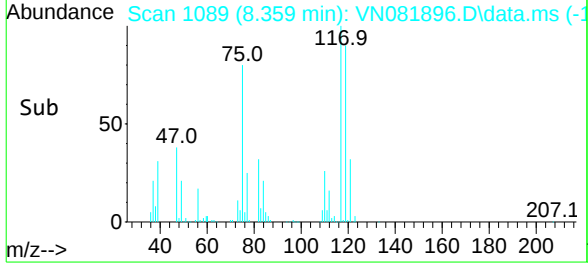
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



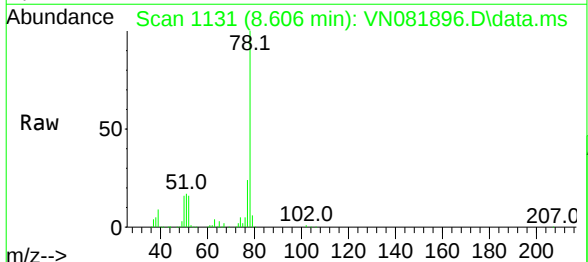
Tgt Ion:117 Resp: 177332
Ion Ratio Lower Upper
117 100
119 89.7 77.7 116.5
121 31.6 27.0 40.6

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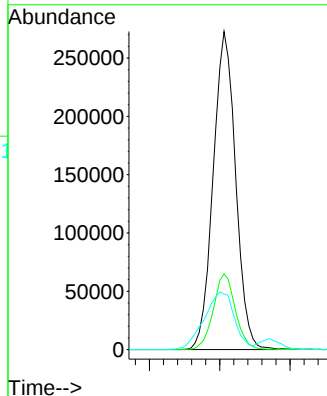
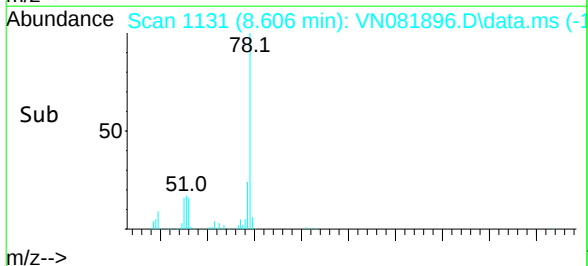
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

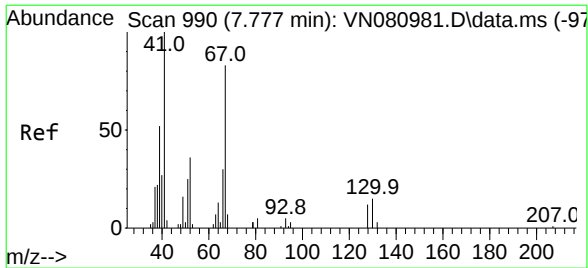


#34
Benzene
Concen: 50.291 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34



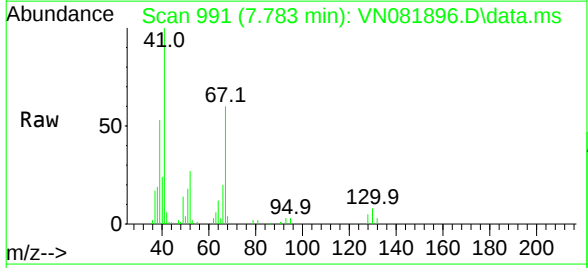
Tgt Ion: 78 Resp: 606265
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8
51 17.1 13.3 19.9





#35
Methacrylonitrile
Concen: 73.114 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

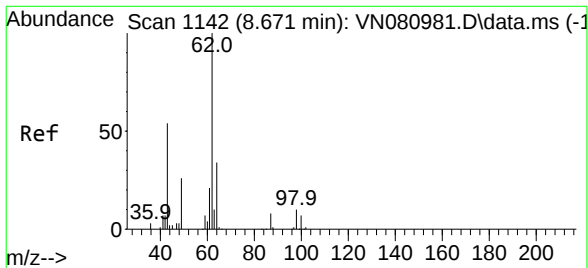
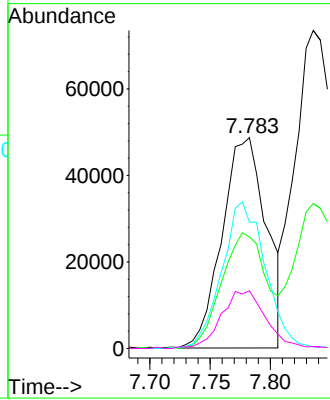
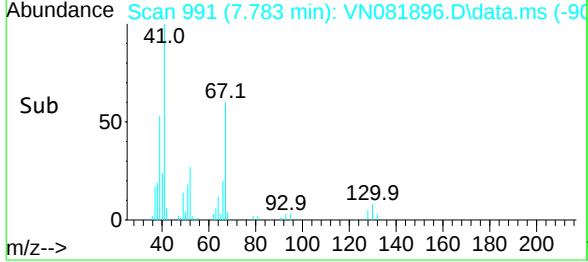
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 41 Resp: 124382
Ion Ratio Lower Upper
41 100
39 53.2 25.3 75.9
67 59.8 38.7 116.1
52 26.8 13.6 40.8

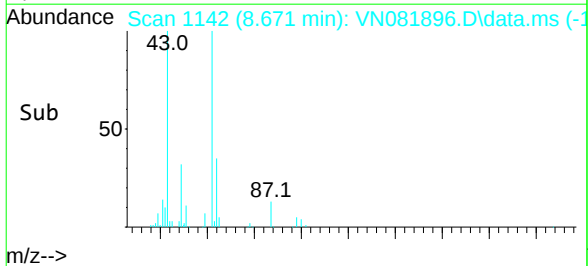
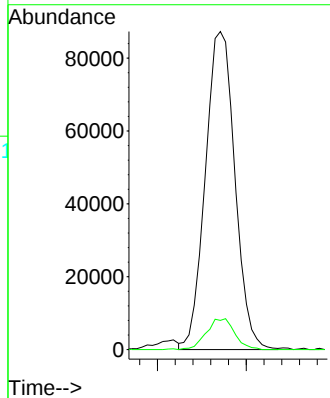
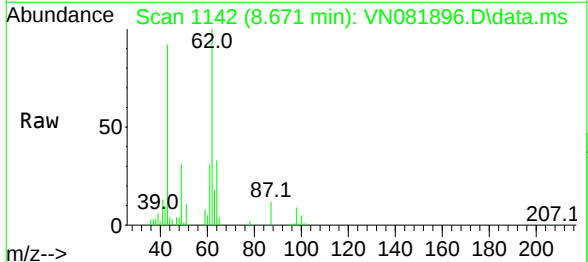
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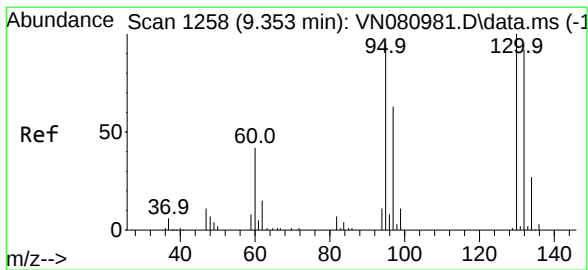
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#36
1,2-Dichloroethane
Concen: 49.931 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 62 Resp: 202010
Ion Ratio Lower Upper
62 100
98 9.3 8.2 12.4





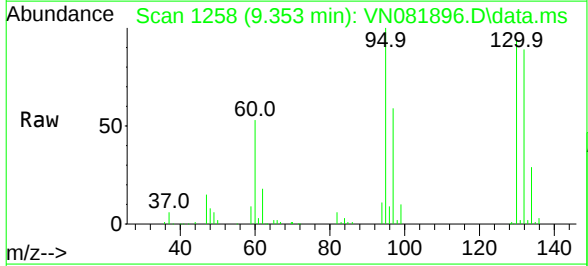
#37
 Trichloroethene
 Concen: 43.447 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.000 min
 Lab File: VN081896.D
 Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

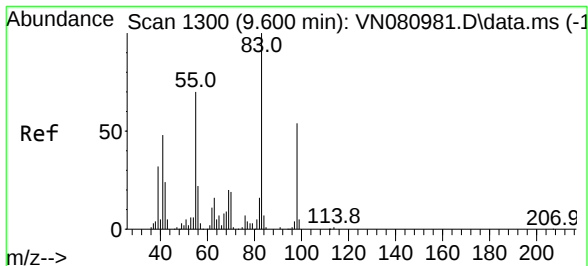
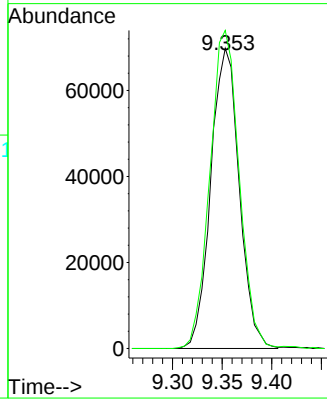
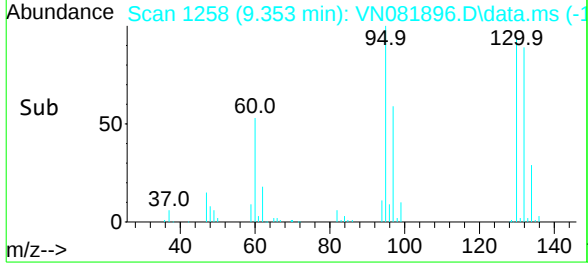
VSTDICC050



Tgt Ion:130 Resp: 139252
 Ion Ratio Lower Upper
 130 100
 95 105.7 80.2 120.4

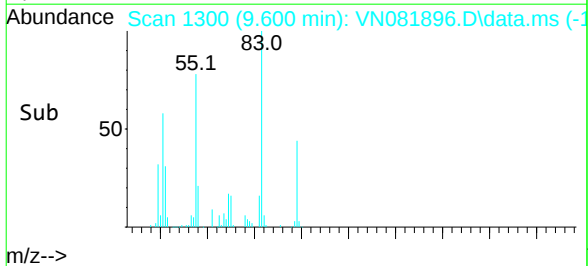
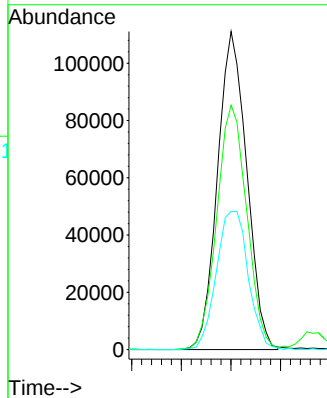
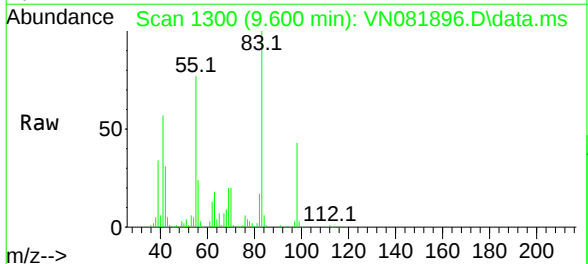
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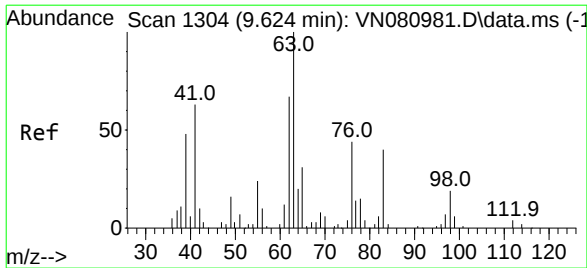
Reviewed By :John Carlone 04/29/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#38
 Methylcyclohexane
 Concen: 57.798 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VN081896.D
 Acq: 27 Apr 2024 01:34

Tgt Ion: 83 Resp: 227546
 Ion Ratio Lower Upper
 83 100
 55 79.0 36.6 109.9
 98 47.4 23.8 71.5





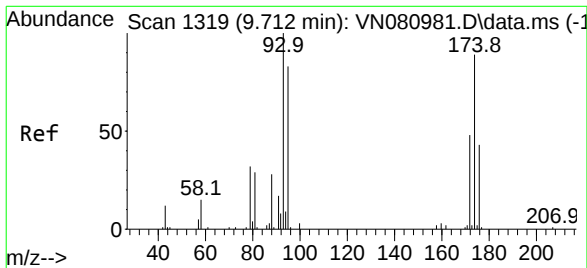
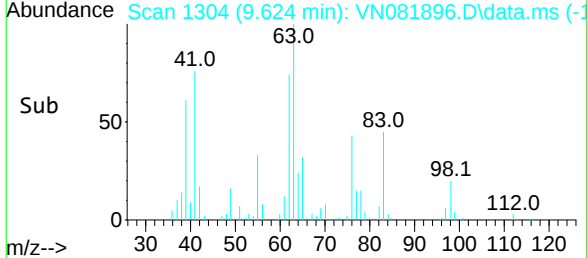
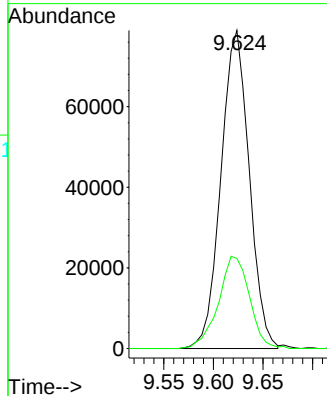
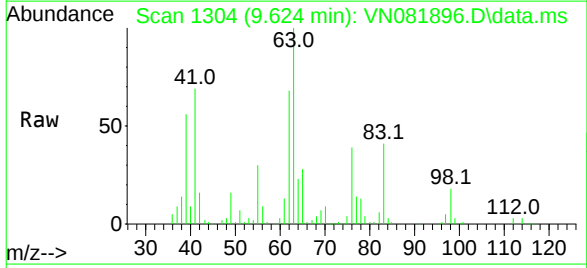
#39
1,2-Dichloropropane
Concen: 54.672 ug/l
RT: 9.624 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 156331
Ion Ratio Lower Upper
63 100
65 28.3 25.0 37.4

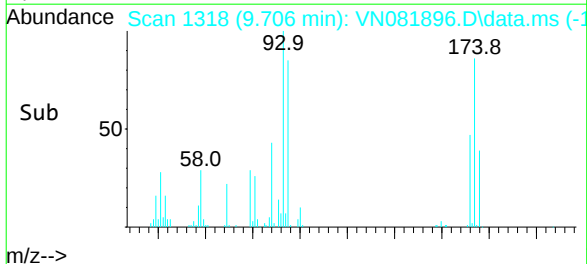
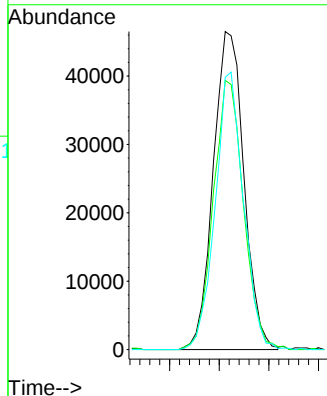
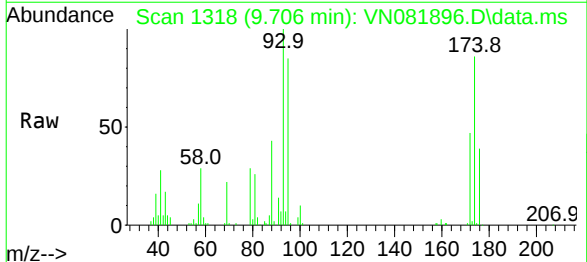
Manual Integrations
APPROVED

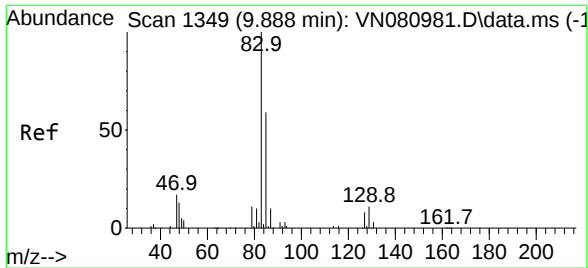
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#40
Dibromomethane
Concen: 45.805 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 93 Resp: 99648
Ion Ratio Lower Upper
93 100
95 83.4 0.0 164.6
174 80.5 0.0 193.2





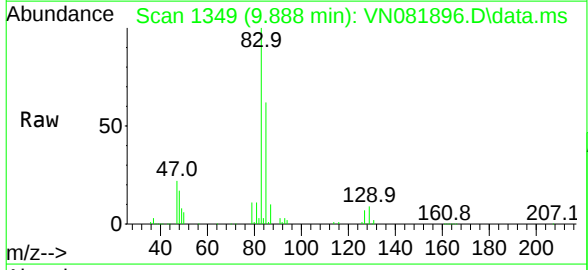
#41
 Bromodichloromethane
 Concen: 49.872 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN081896.D
 Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

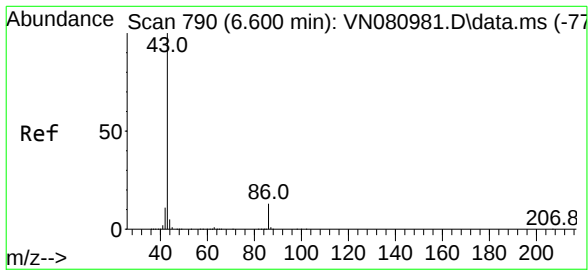
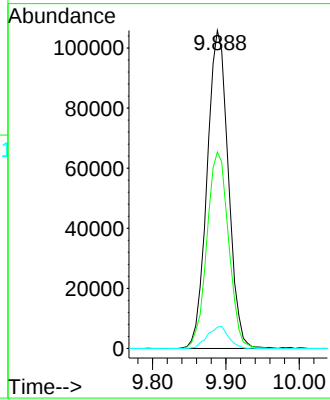
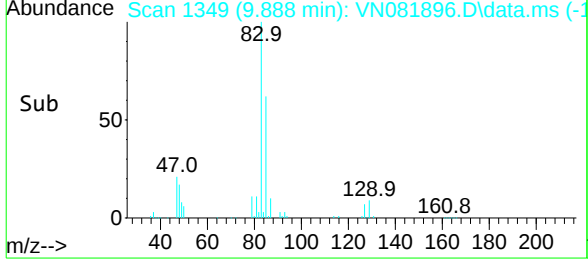
VSTDICC050



Tgt Ion:	83	Resp:	212335
Ion	Ratio	Lower	Upper
83	100		
85	61.8	49.4	74.2
127	6.7	7.3	10.9

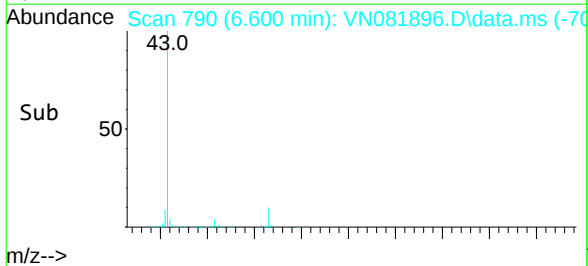
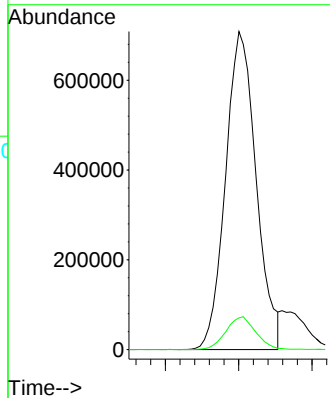
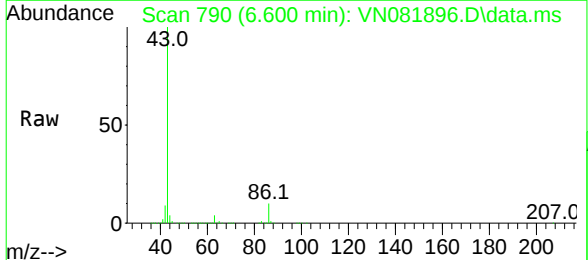
Manual Integrations
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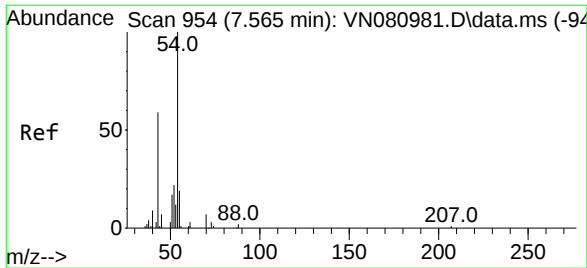
Reviewed By :John Carlone 04/29/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#42
 Vinyl Acetate
 Concen: 332.791 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081896.D
 Acq: 27 Apr 2024 01:34

Tgt Ion:	43	Resp:	2060321
Ion	Ratio	Lower	Upper
43	100		
86	10.1	9.4	14.2





#43

Ethyl Acetate

Concen: 71.173 ug/l

RT: 7.559 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 214566

Ion Ratio Lower Upper

43 100

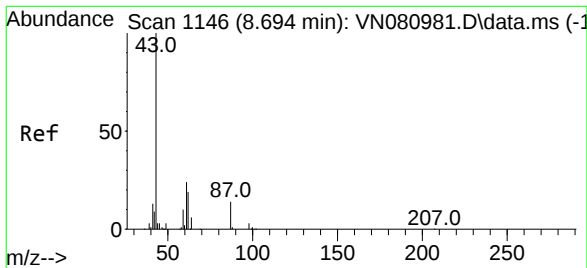
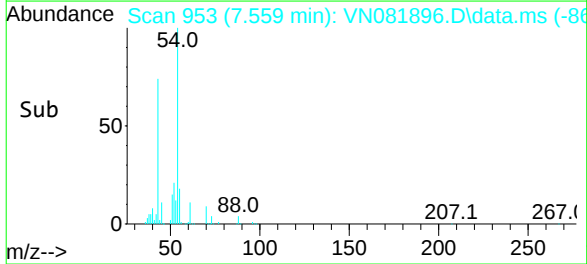
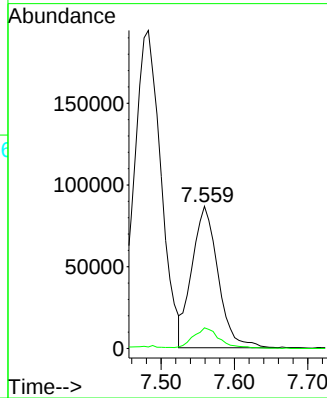
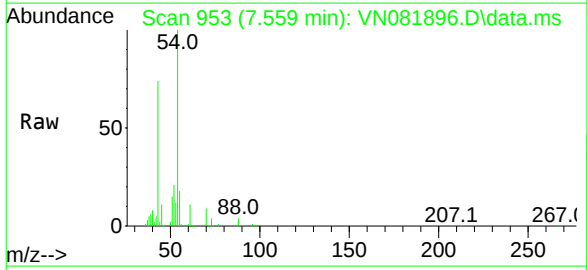
45 14.7 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#44

Isopropyl Acetate

Concen: 69.525 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN081896.D

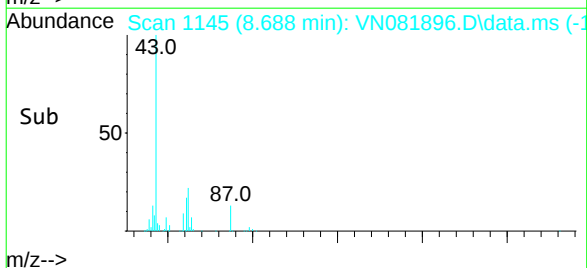
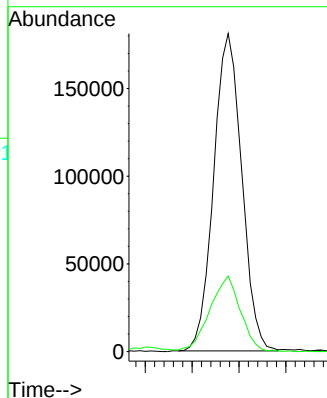
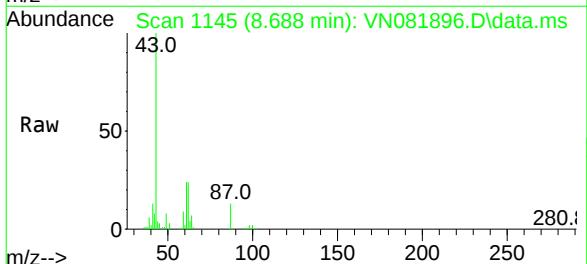
Acq: 27 Apr 2024 01:34

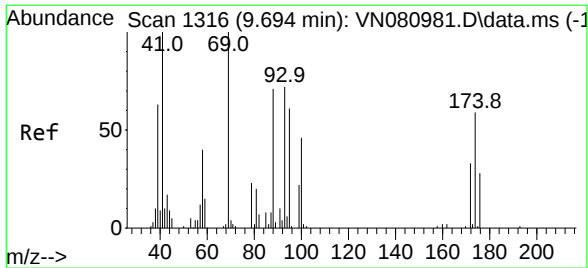
Tgt Ion: 43 Resp: 376592

Ion Ratio Lower Upper

43 100

61 25.8 25.0 37.4





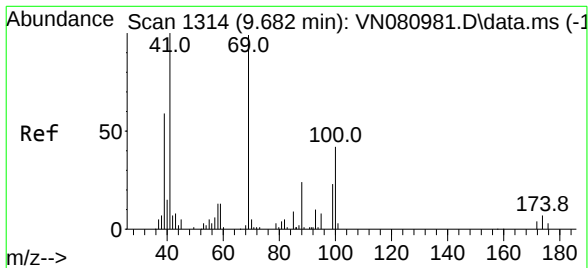
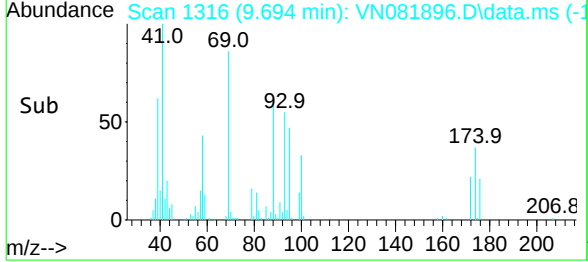
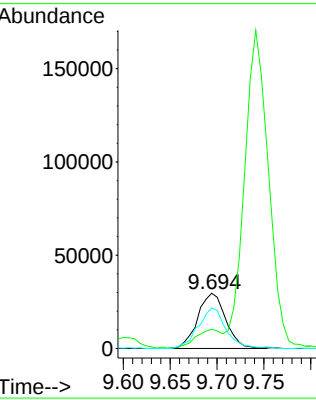
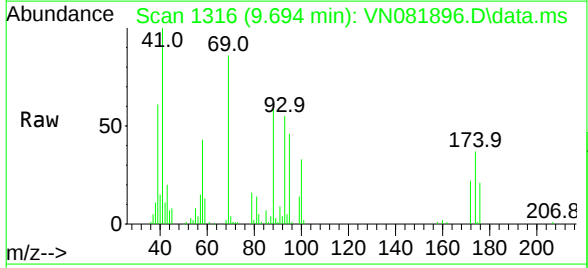
#45
1,4-Dioxane
Concen: 1196.312 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:	88	Resp:	61457
Ion	Ratio	Lower	Upper
88	100		
43	31.5	19.8	29.6
58	72.6	55.4	83.0

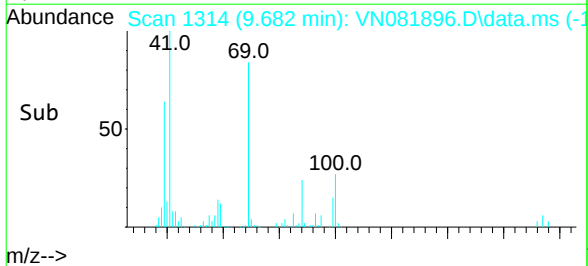
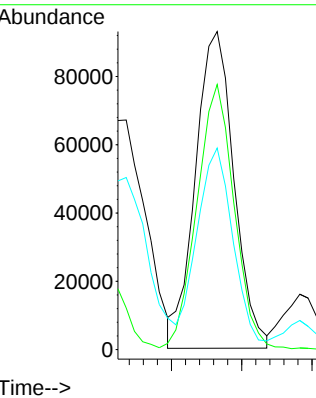
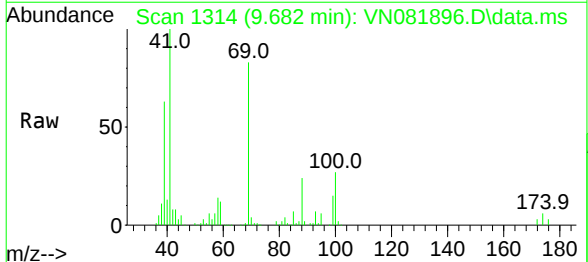
Manual Integrations
APPROVED

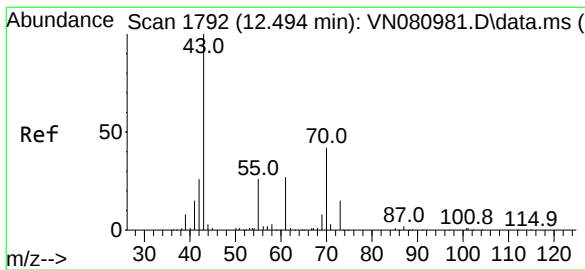
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#46
Methyl methacrylate
Concen: 71.289 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:	41	Resp:	176687
Ion	Ratio	Lower	Upper
41	100		
69	85.2	51.1	153.3
39	63.4	25.8	77.3





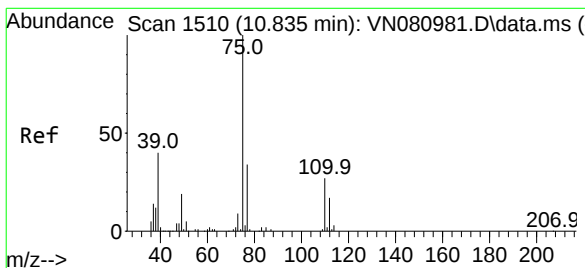
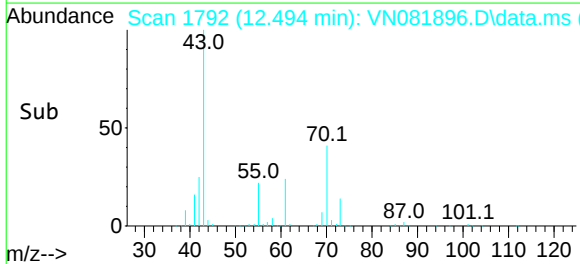
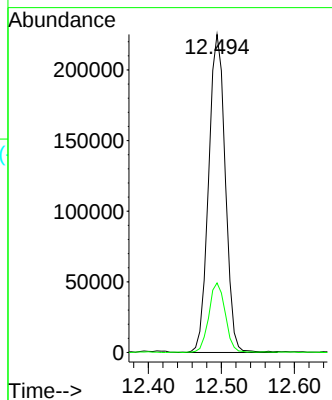
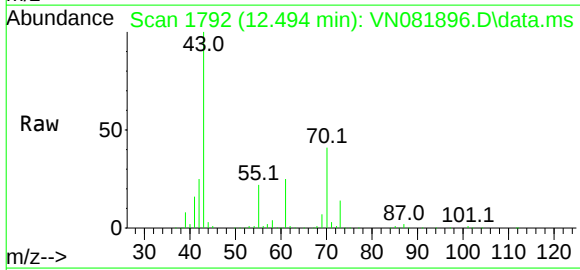
#47
n-amy1 Acetate
Concen: 75.488 ug/l m
RT: 12.494 min Scan# 17
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 356601
Ion Ratio Lower Upper
43 100
55 0.0 23.4 35.2#

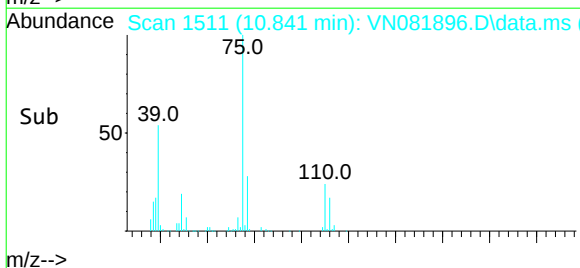
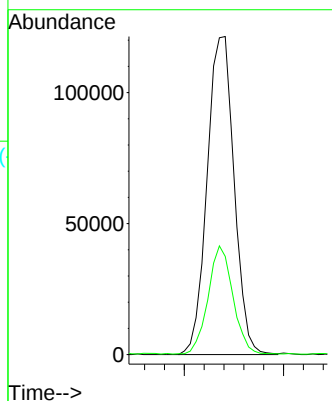
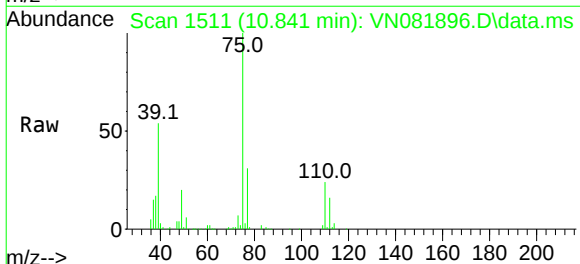
Manual Integrations
APPROVED

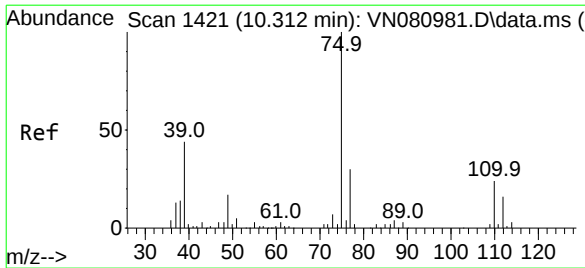
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#48
t-1,3-Dichloropropene
Concen: 51.454 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 75 Resp: 229600
Ion Ratio Lower Upper
75 100
77 30.6 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 50.664 ug/l m

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

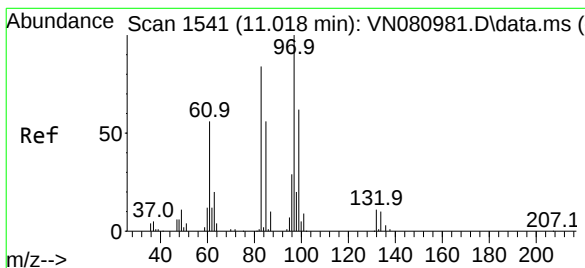
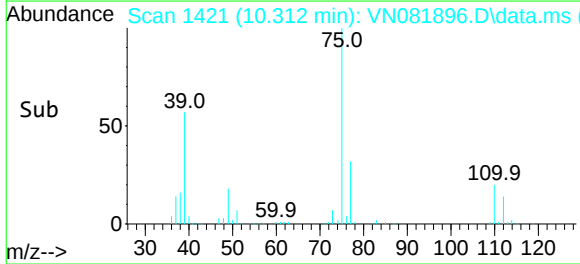
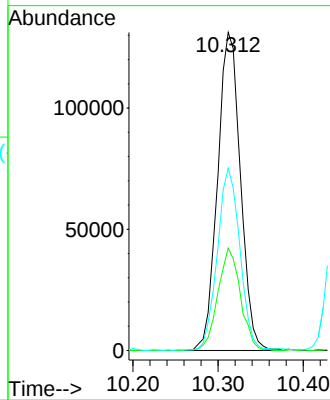
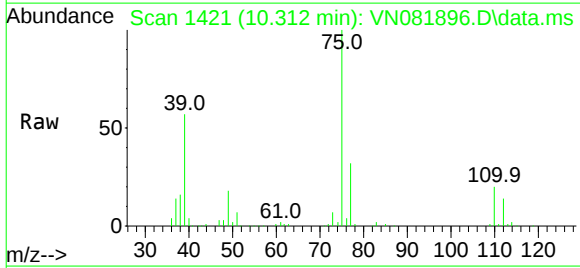
Tgt Ion:	75	Resp:	244965
Ion Ratio	Lower	Upper	
75	100		
77	32.2	24.9	37.3
39	57.3	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#50

1,1,2-Trichloroethane

Concen: 44.898 ug/l

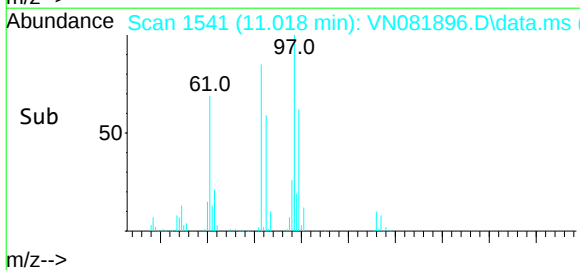
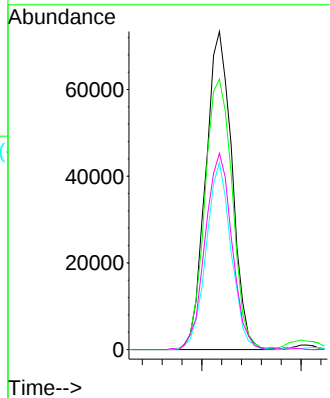
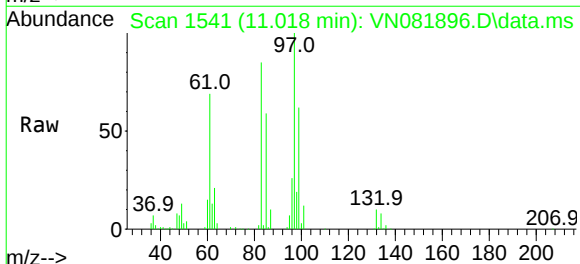
RT: 11.018 min Scan# 1541

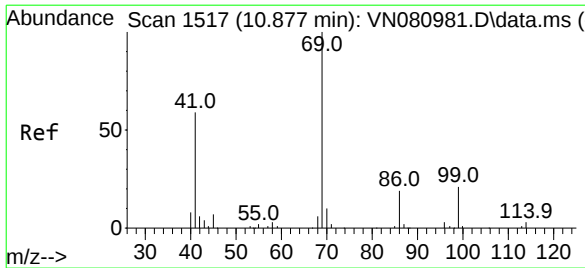
Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Tgt Ion:	97	Resp:	135150
Ion Ratio	Lower	Upper	
97	100		
83	85.1	68.1	102.1
85	58.8	41.8	62.6
99	61.7	47.0	70.4





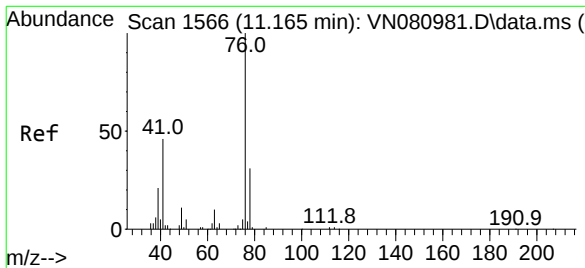
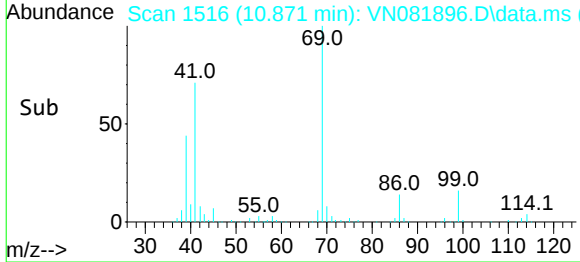
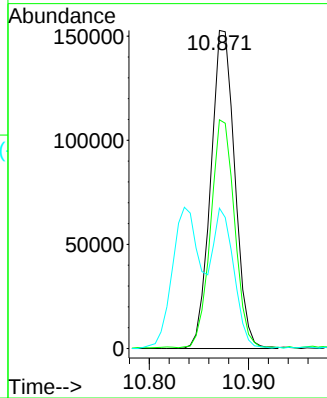
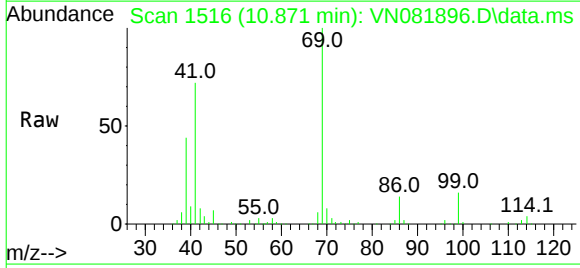
#51
Ethyl methacrylate
Concen: 61.348 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:	69	Resp:	258092
Ion	Ratio	Lower	Upper
69	100		
41	71.7	25.5	76.5
39	43.7	16.0	47.9

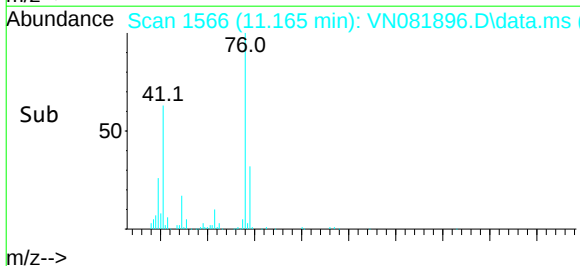
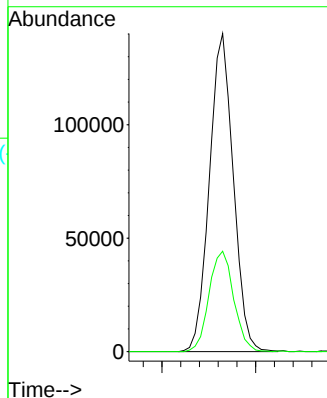
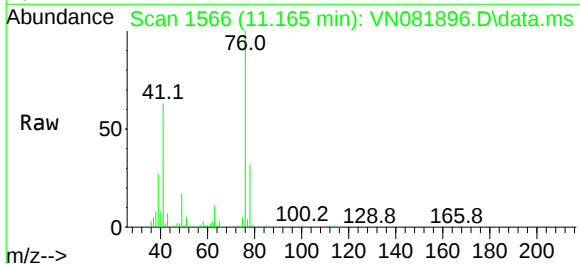
Manual Integrations
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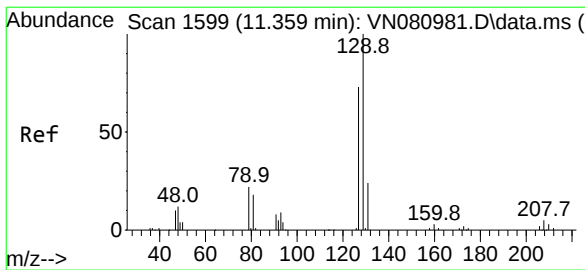
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
1,3-Dichloropropane
Concen: 50.000 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:	76	Resp:	248538
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.8





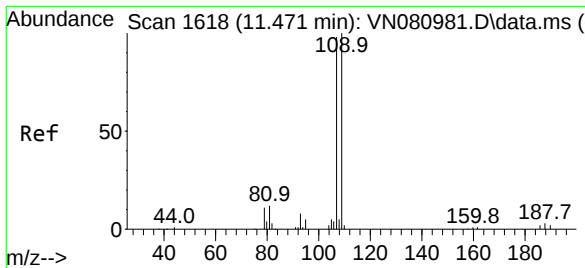
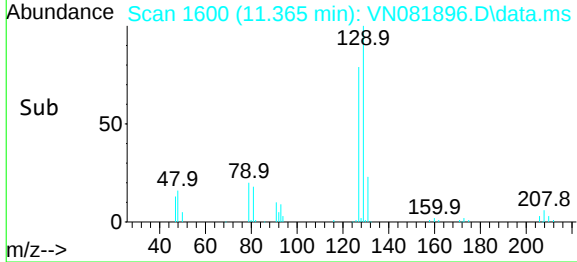
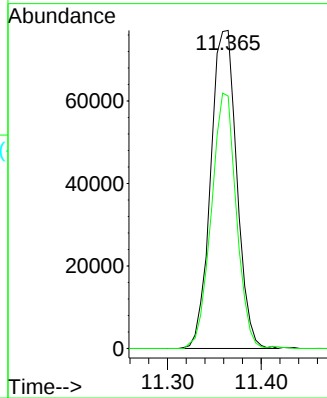
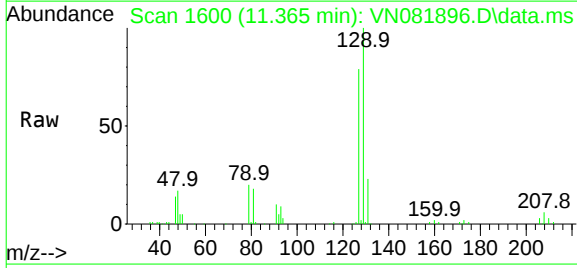
#53
Dibromochloromethane
Concen: 45.494 ug/l
RT: 11.365 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:129 Resp: 149258
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.1

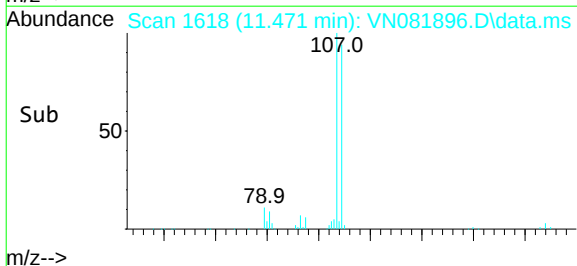
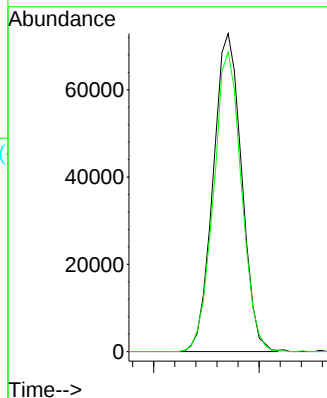
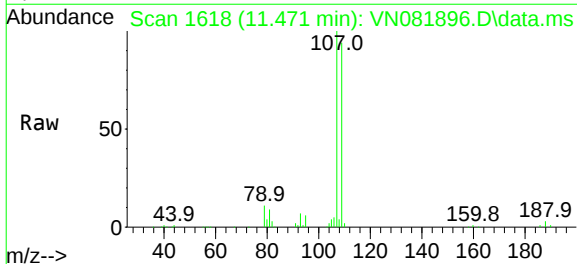
Manual Integrations
APPROVED

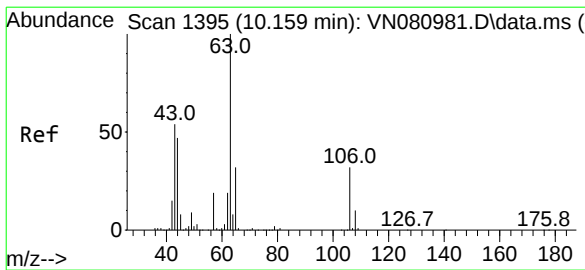
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
1,2-Dibromoethane
Concen: 43.885 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:107 Resp: 136663
Ion Ratio Lower Upper
107 100
109 92.6 74.7 112.1





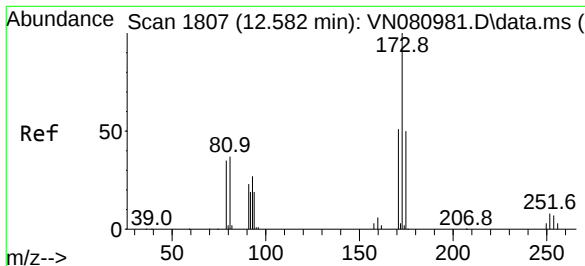
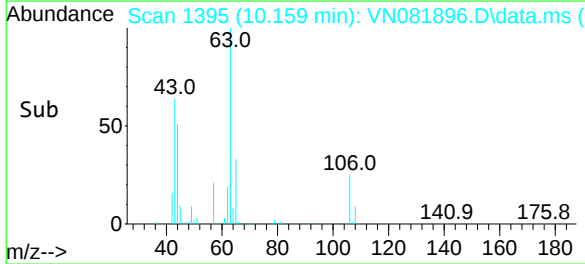
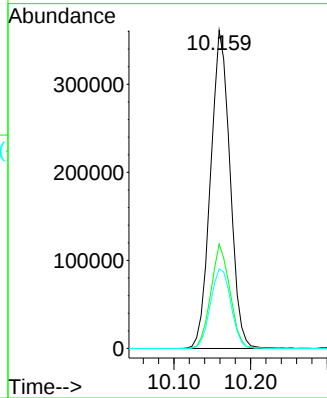
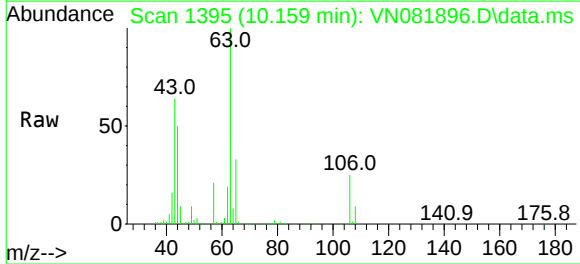
#55
2-Chloroethyl vinyl ether
Concen: 295.038 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 636084
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 26.3 23.8 35.8

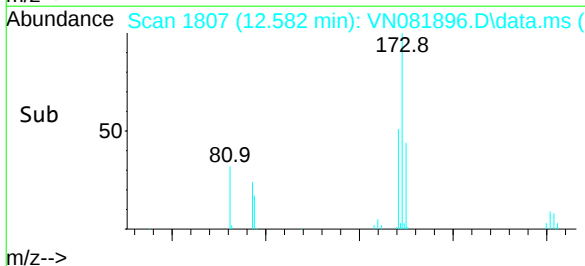
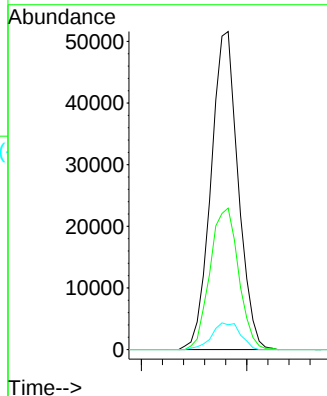
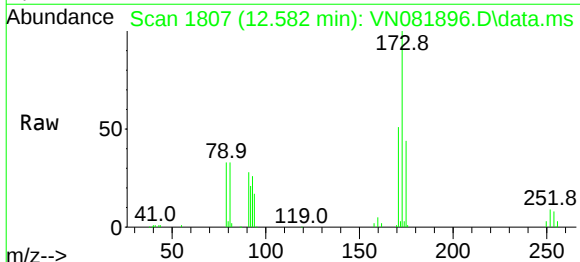
Manual Integrations
APPROVED

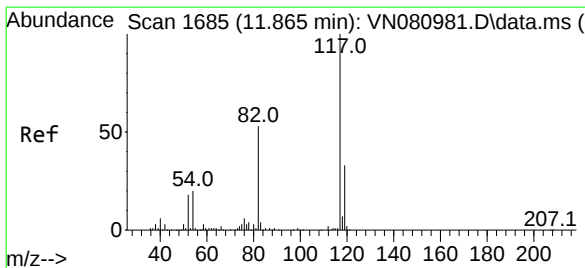
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#56
Bromoform
Concen: 44.233 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:173 Resp: 92425
Ion Ratio Lower Upper
173 100
175 46.7 40.0 60.0
254 8.9 8.3 12.5





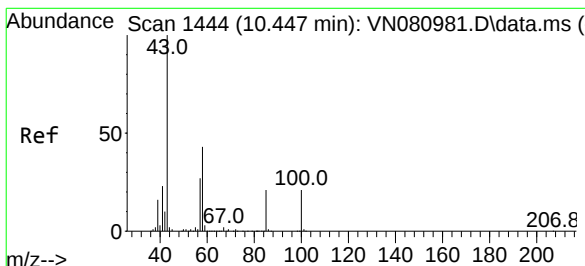
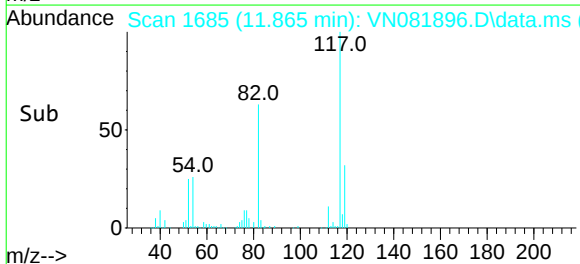
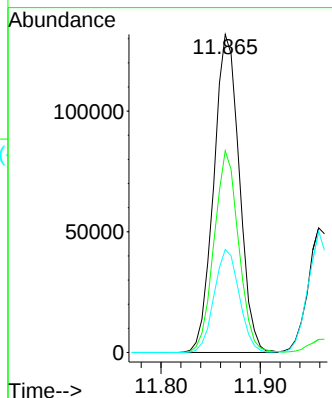
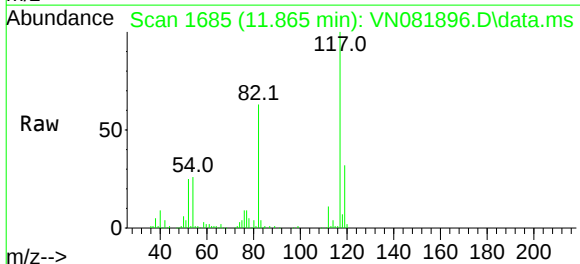
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 117 Resp: 235844
Ion Ratio Lower Upper
117 100
82 60.9 46.6 69.8
119 31.8 25.4 38.2

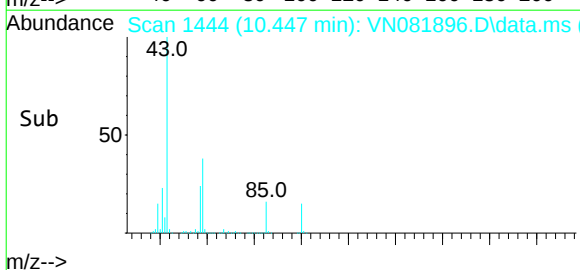
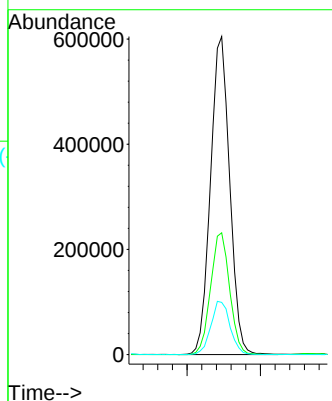
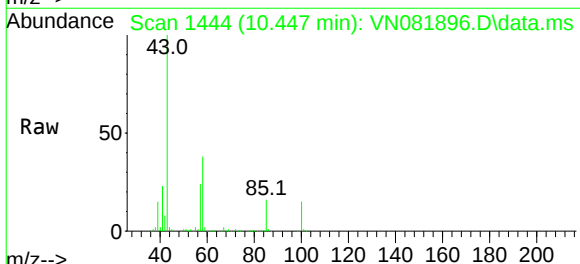
Manual Integrations
APPROVED

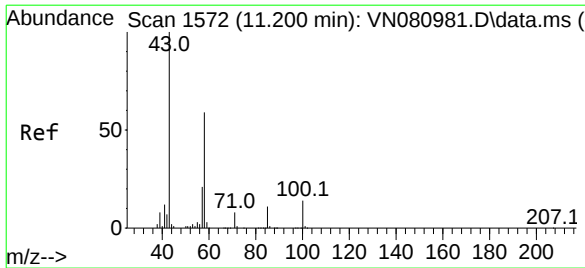
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#58
4-Methyl-2-Pentanone
Concen: 358.782 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 43 Resp: 1098559
Ion Ratio Lower Upper
43 100
58 38.1 36.5 54.7
85 16.7 19.5 29.3#





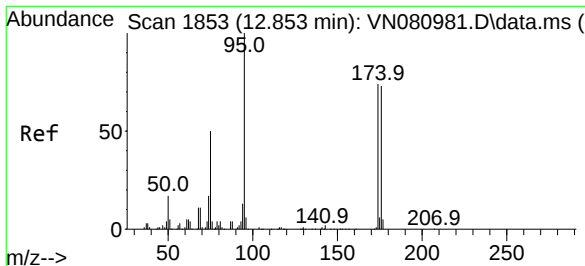
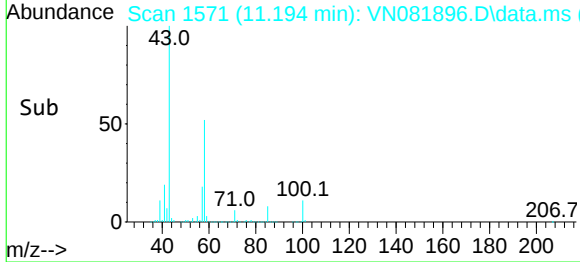
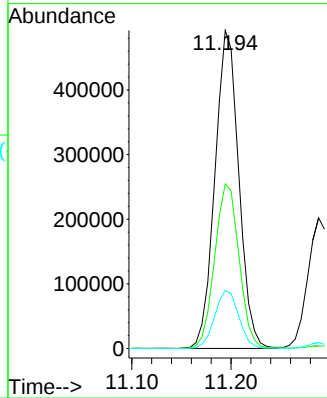
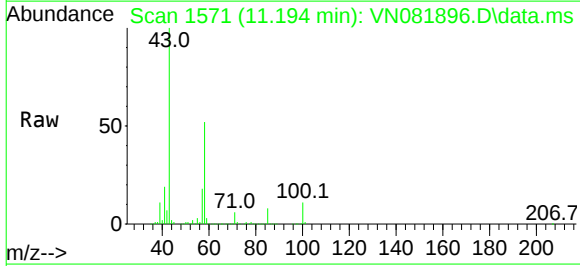
#59
2-Hexanone
Concen: 364.883 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 821728
Ion Ratio Lower Upper
43 100
58 52.7 50.4 75.6
57 18.4 18.6 27.8#

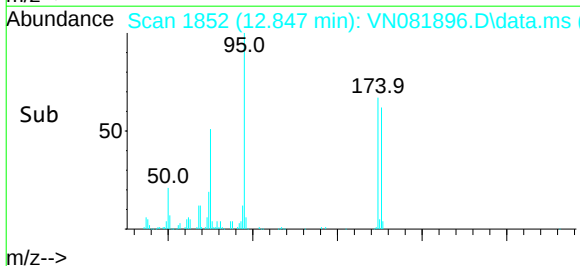
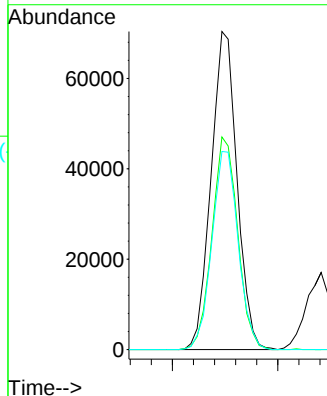
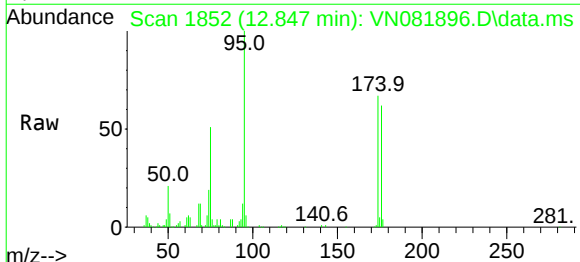
Manual Integrations
APPROVED

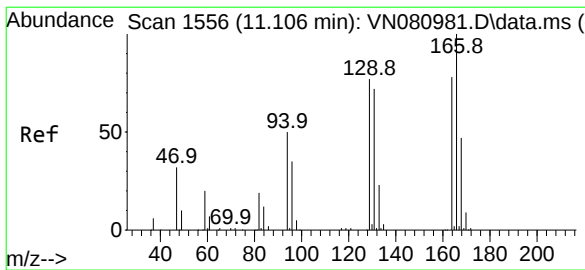
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#60
4-Bromofluorobenzene
Concen: 33.334 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 95 Resp: 120187
Ion Ratio Lower Upper
95 100
174 66.2 60.5 90.7
176 63.2 57.8 86.6





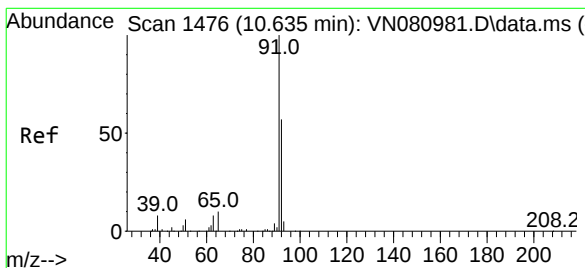
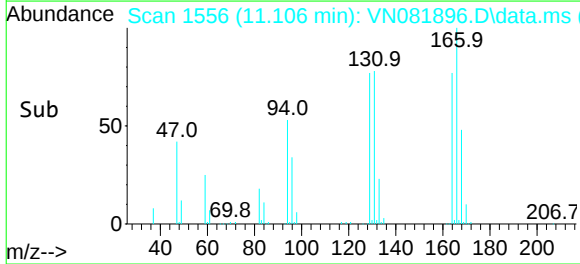
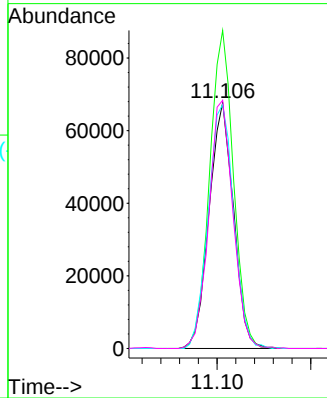
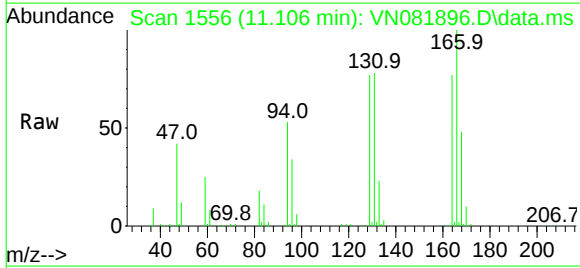
#61
Tetrachloroethene
Concen: 45.465 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:164 Resp: 122484
Ion Ratio Lower Upper
164 100
166 129.4 106.7 160.1
129 99.2 85.8 128.6
131 101.0 79.1 118.7

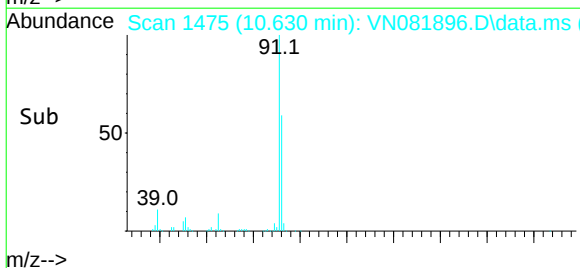
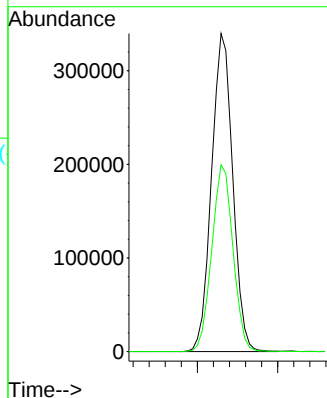
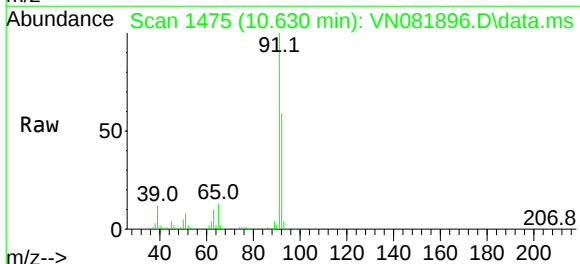
Manual Integrations
APPROVED

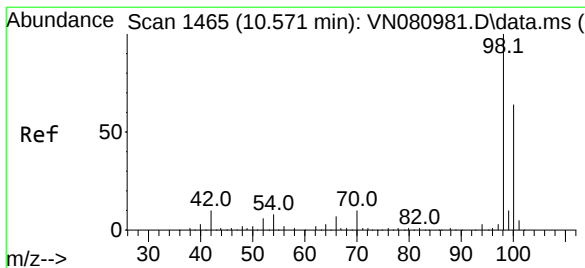
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
Toluene
Concen: 48.092 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion: 91 Resp: 621309
Ion Ratio Lower Upper
91 100
92 58.8 46.5 69.7





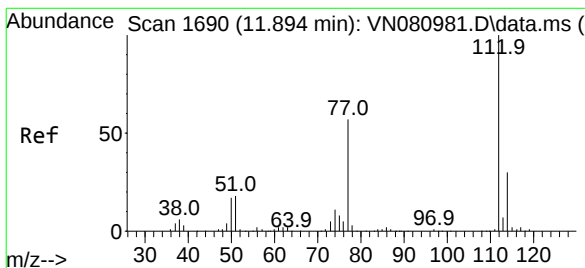
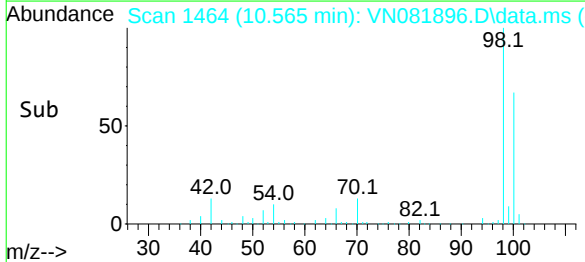
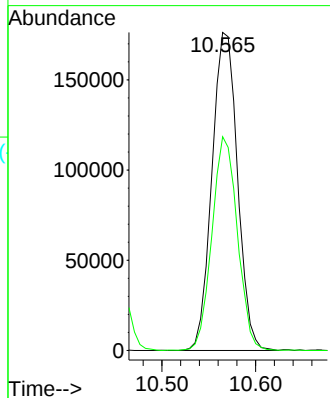
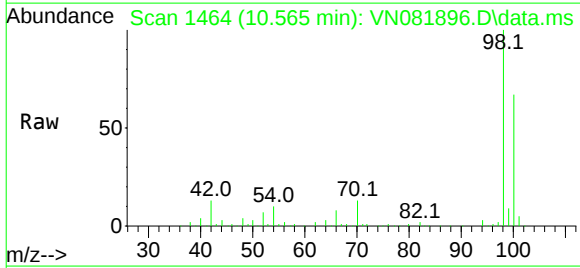
#63
Toluene-d8
Concen: 31.547 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 98 Resp: 333892
Ion Ratio Lower Upper
98 100
100 66.9 52.7 79.1

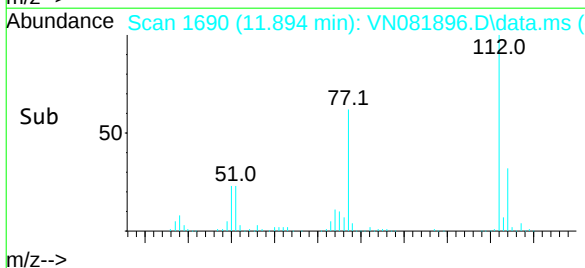
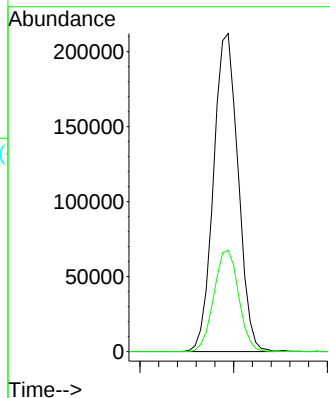
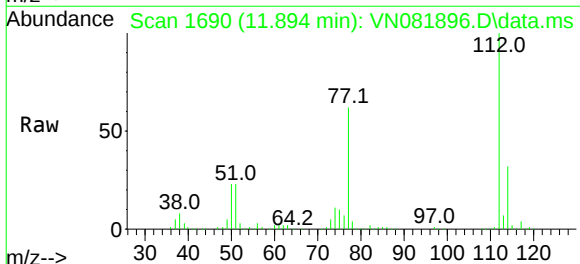
Manual Integrations
APPROVED

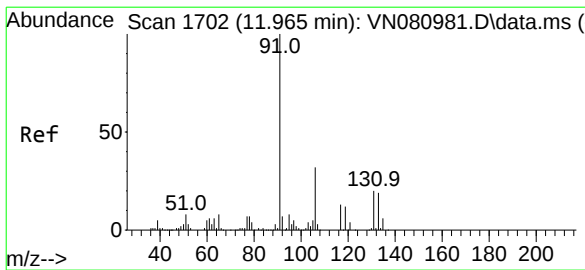
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#64
Chlorobenzene
Concen: 48.924 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

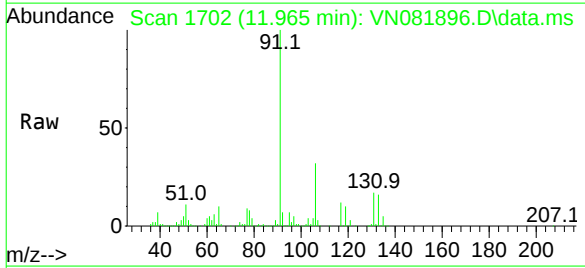
Tgt Ion:112 Resp: 387114
Ion Ratio Lower Upper
112 100
114 31.8 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 43.533 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

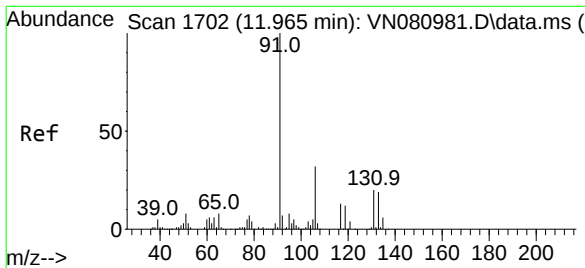
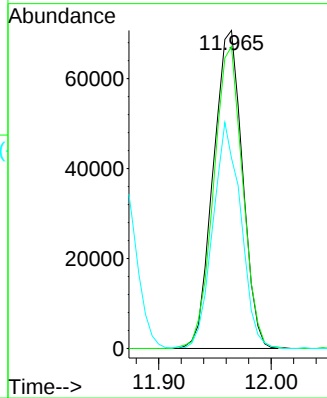
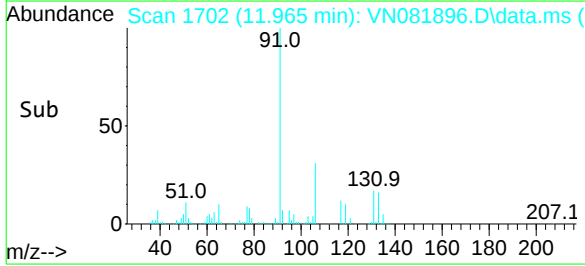
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



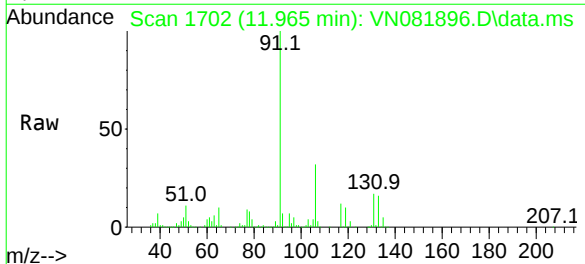
Tgt Ion:131 Resp: 127772
Ion Ratio Lower Upper
131 100
133 94.1 0.0 188.0
119 67.7 0.0 122.8

Manual Integrations
APPROVED

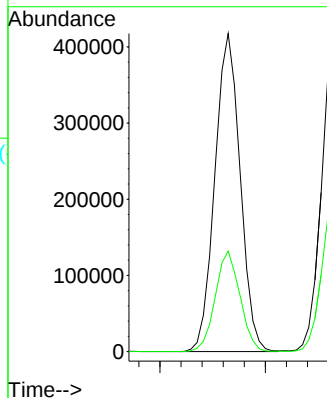
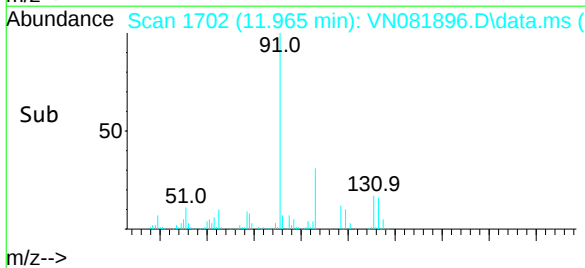
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

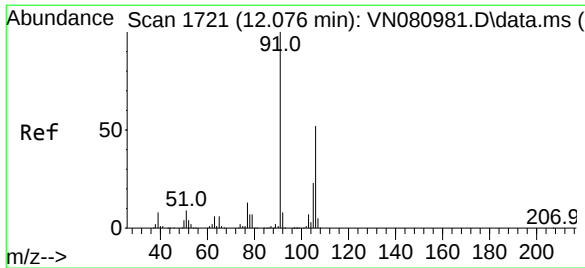


#66
Ethyl Benzene
Concen: 51.247 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34



Tgt Ion: 91 Resp: 696133
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6





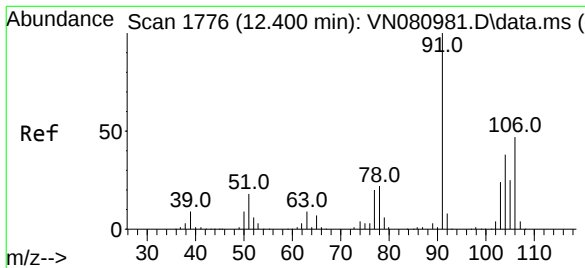
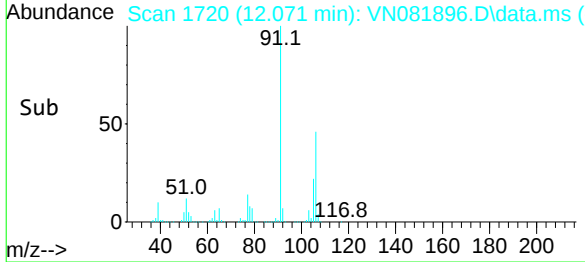
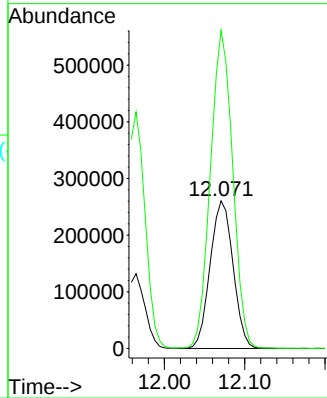
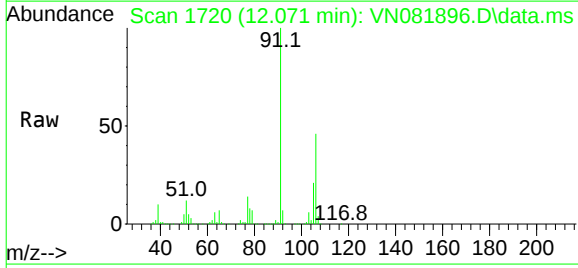
#67
m/p-Xylenes
Concen: 96.847 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 516632
Ion Ratio Lower Upper
106 100
91 210.0 166.6 249.8

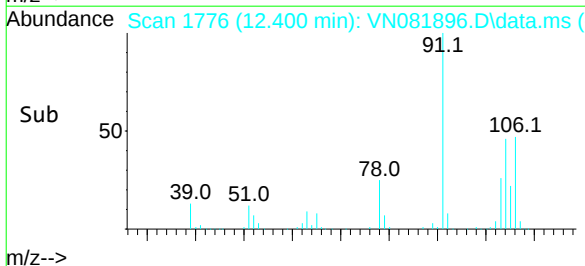
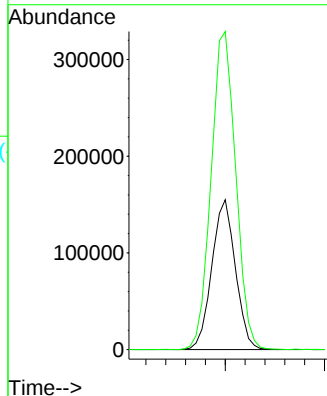
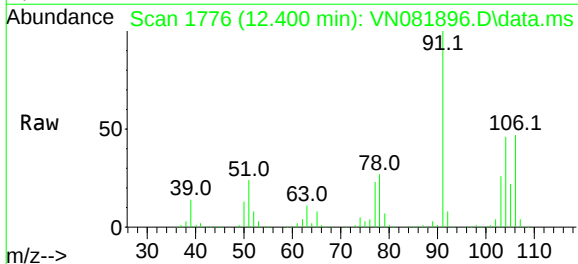
Manual Integrations
APPROVED

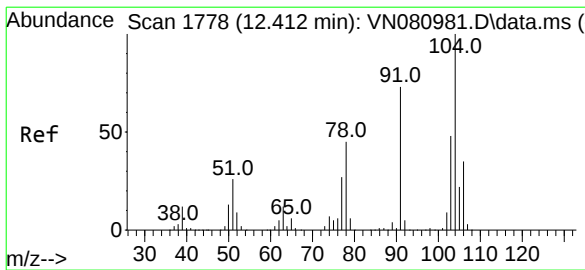
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#68
o-Xylene
Concen: 49.006 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:106 Resp: 256194
Ion Ratio Lower Upper
106 100
91 221.4 110.0 330.0





#69

Styrene

Concen: 50.453 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

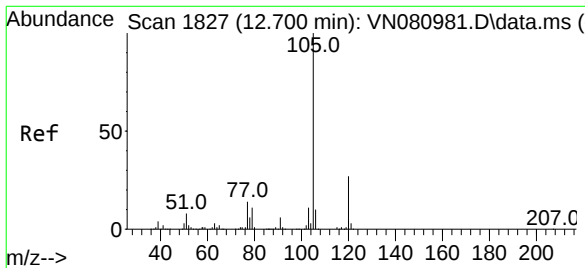
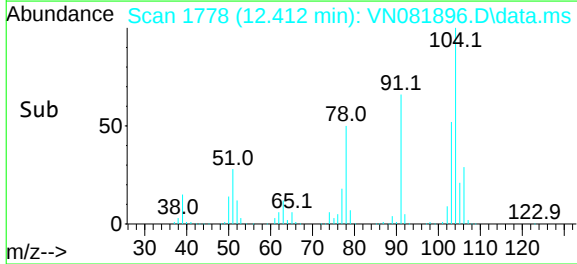
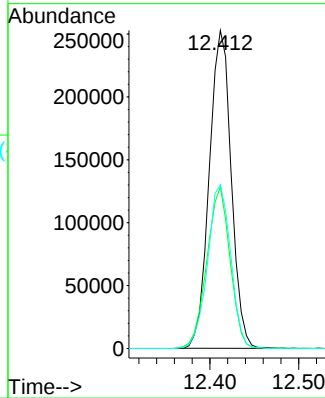
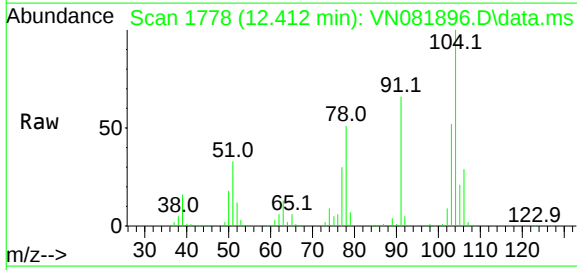
Tgt Ion:	104	Resp:	434223
Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.6	64.0
103	54.4	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#70

Isopropylbenzene

Concen: 52.151 ug/l

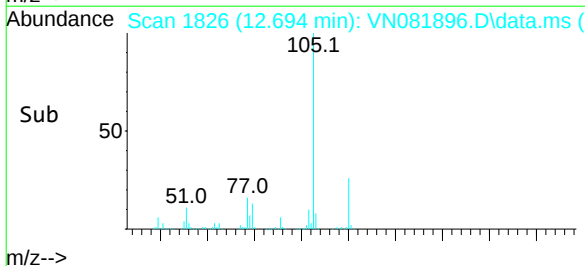
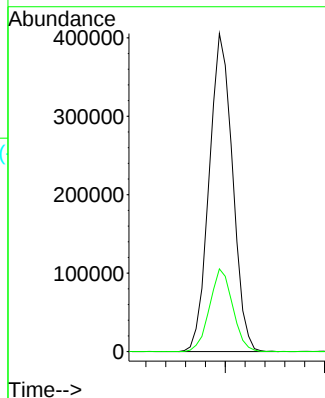
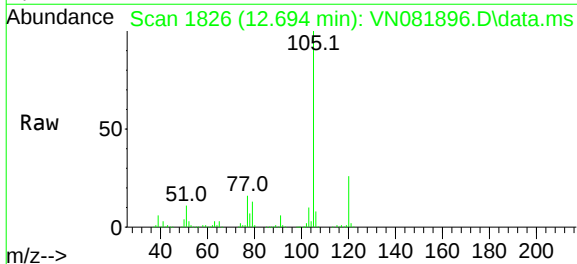
RT: 12.694 min Scan# 1826

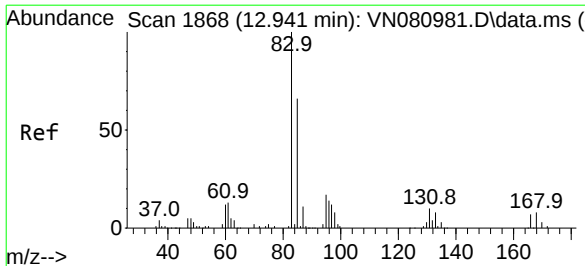
Delta R.T. -0.006 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Tgt Ion:	105	Resp:	664423
Ion	Ratio	Lower	Upper
105	100		
120	25.6	17.8	33.1





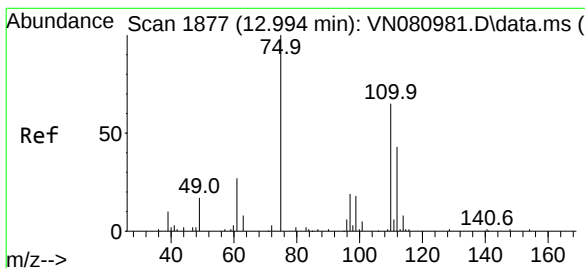
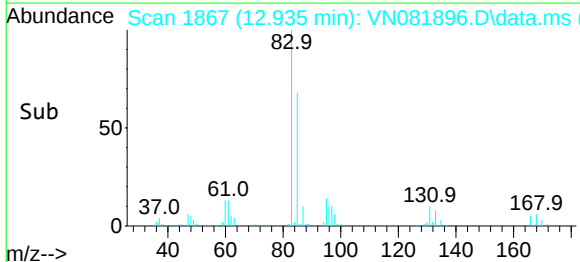
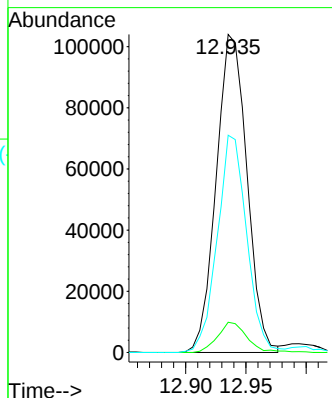
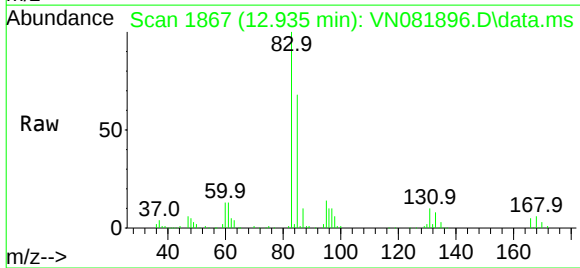
#71
1,1,2,2-Tetrachloroethane
Concen: 46.982 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:	83	Resp:	184574
Ion	Ratio	Lower	Upper
83	100		
131	8.7	5.2	15.6
85	65.4	32.3	96.8

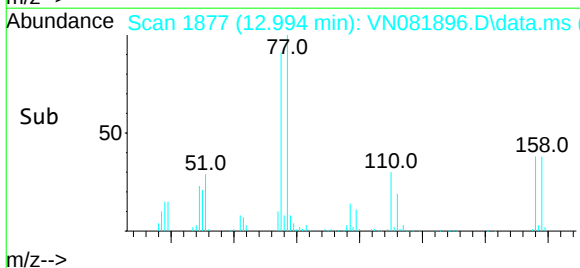
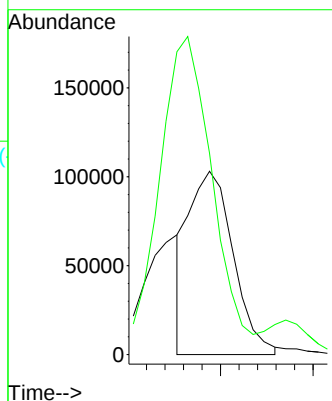
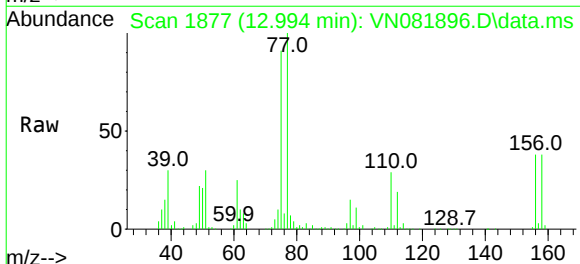
Manual Integrations
APPROVED

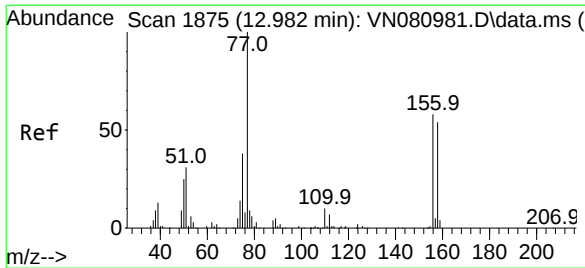
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#72
1,2,3-Trichloropropane
Concen: 56.006 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:	75	Resp:	172237
Ion	Ratio	Lower	Upper
75	100		
77	207.8	0.0	367.6





#73

Bromobenzene

Concen: 43.330 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

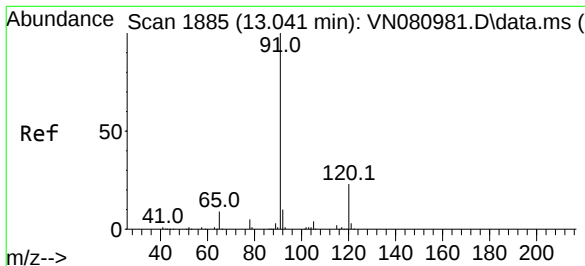
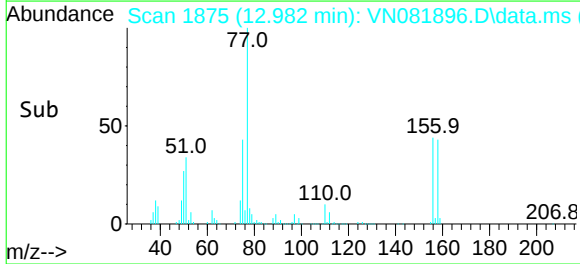
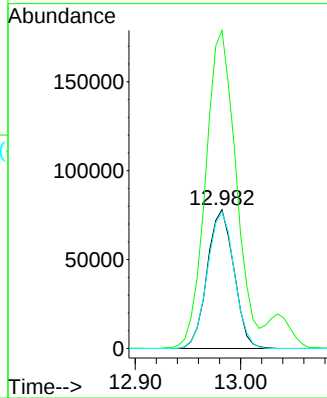
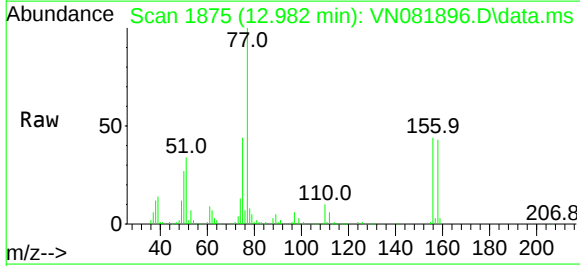
Tgt Ion:	156	Resp:	137281
Ion	Ratio	Lower	Upper
156	100		
77	260.7	0.0	437.6
158	99.4	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#74

n-propylbenzene

Concen: 54.043 ug/l

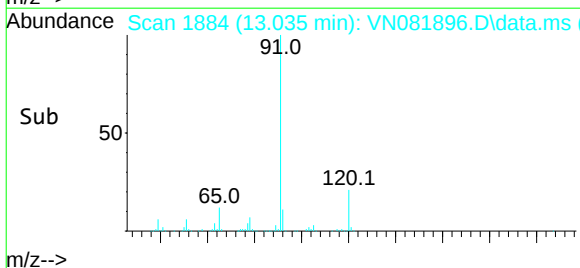
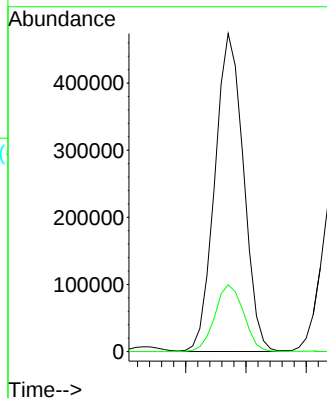
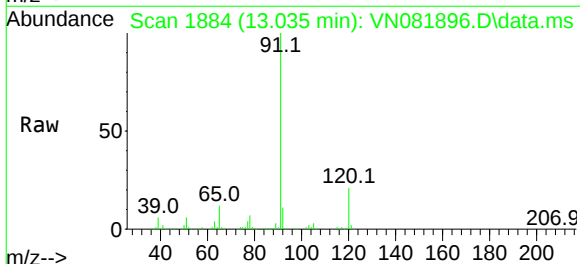
RT: 13.035 min Scan# 1884

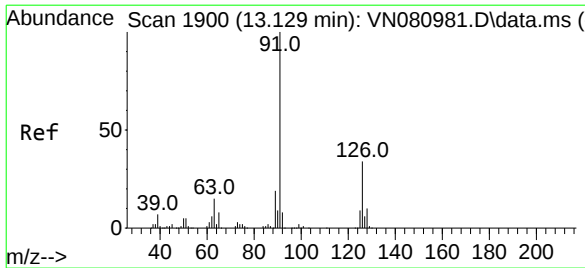
Delta R.T. -0.006 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

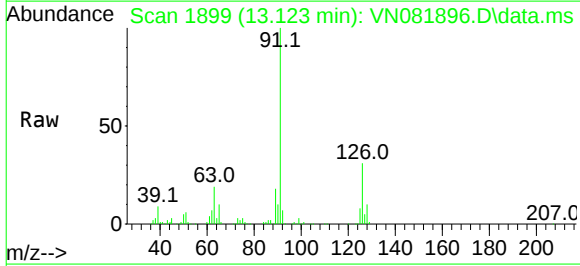
Tgt Ion:	91	Resp:	782502
Ion	Ratio	Lower	Upper
91	100		
120	21.1	0.0	43.8





#75
2-Chlorotoluene
Concen: 53.180 ug/l
RT: 13.123 min Scan# 18
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

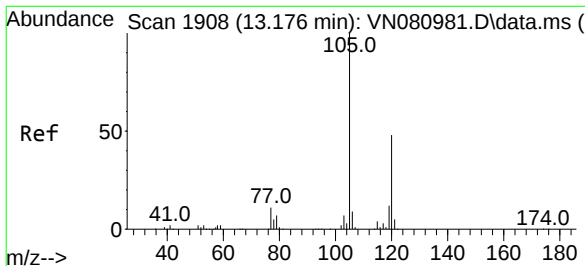
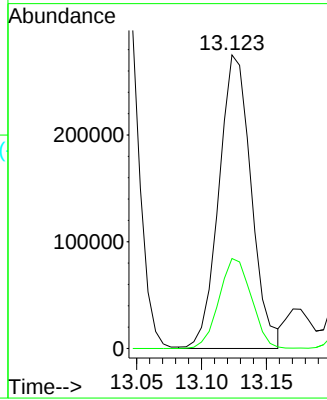
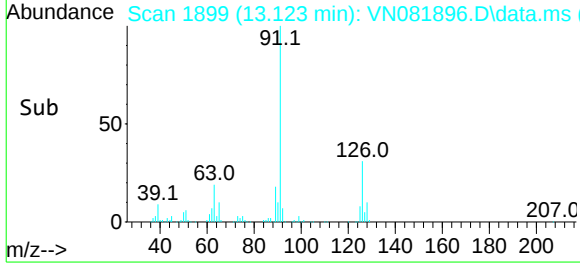
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 478011
Ion Ratio Lower Upper
91 100
126 30.6 0.0 61.2

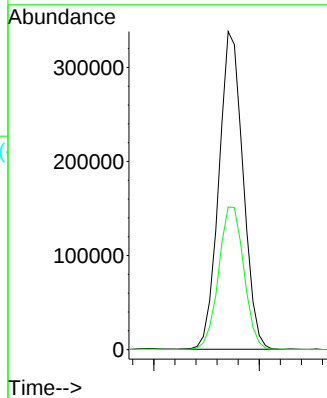
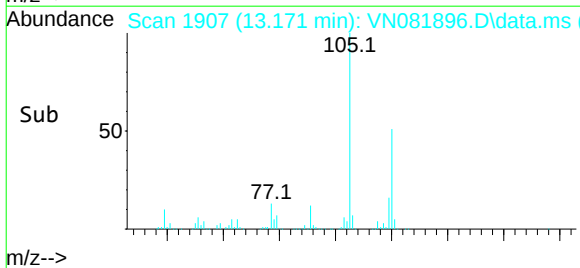
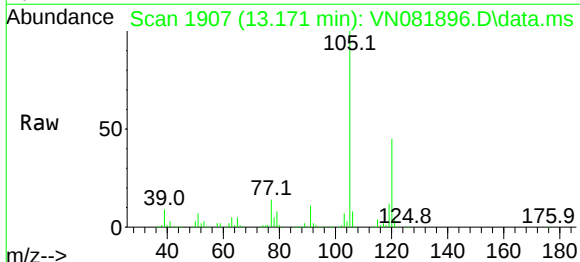
Manual Integrations
APPROVED

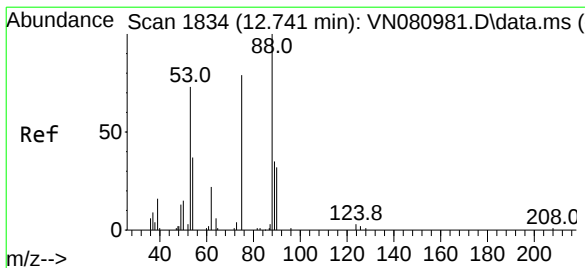
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#76
1,3,5-Trimethylbenzene
Concen: 51.582 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

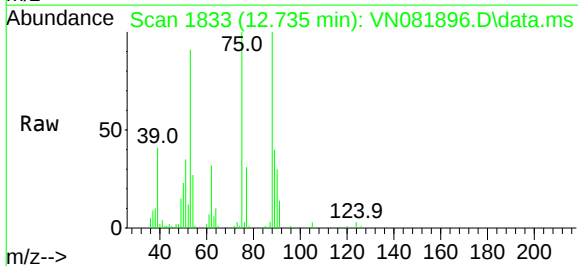
Tgt Ion:105 Resp: 537707
Ion Ratio Lower Upper
105 100
120 46.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 67.569 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

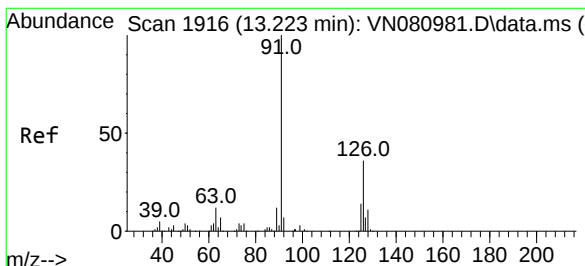
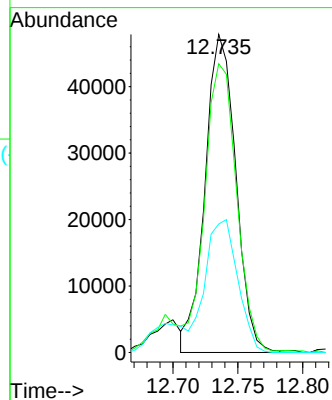
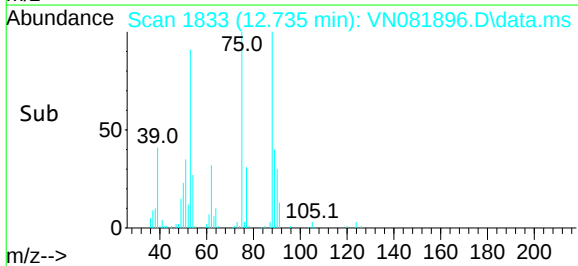
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.7	45.9	137.7
89	40.6	25.9	77.7

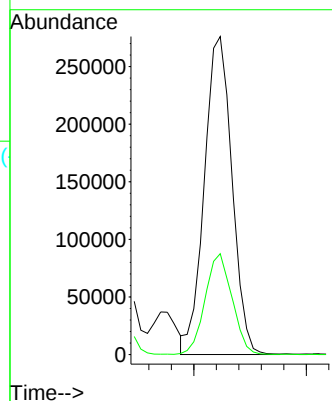
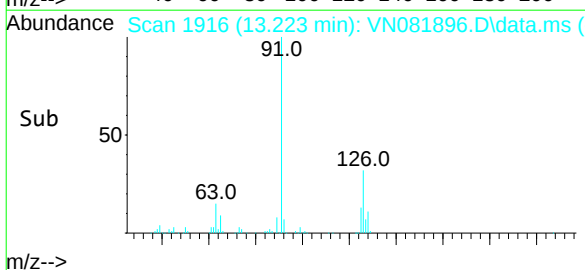
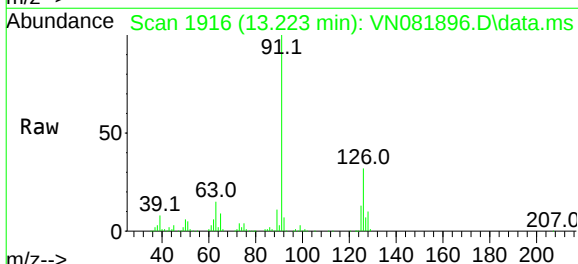
Manual Integrations
APPROVED

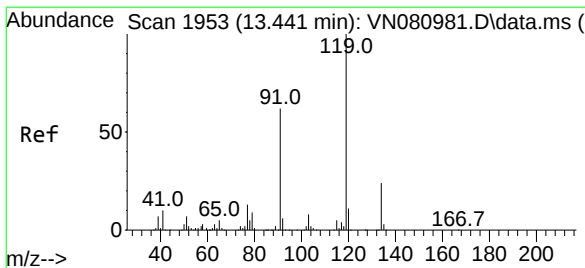
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#78
4-Chlorotoluene
Concen: 52.370 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	62.8





#79

tert-butylbenzene

Concen: 52.497 ug/l

RT: 13.441 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

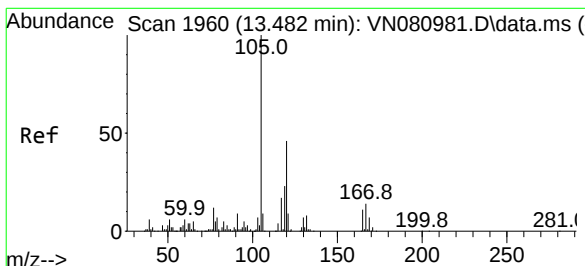
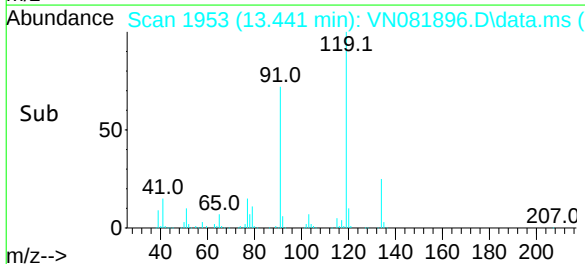
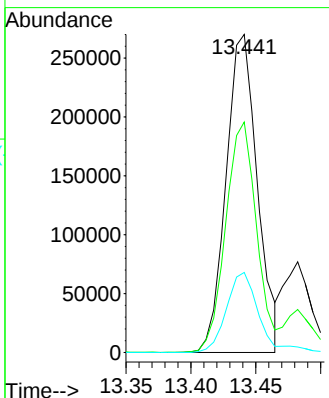
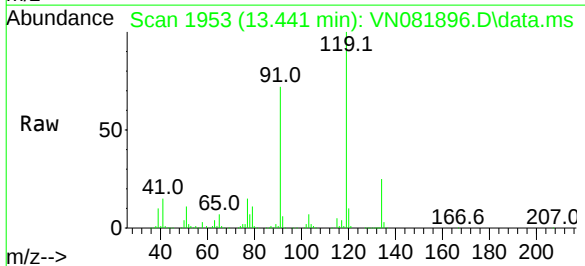
ClientSampleId :

VSTDICC050

Tgt Ion:	119	Resp:	454282
Ion	Ratio	Lower	Upper
119	100		
91	71.1	0.0	138.8
134	24.4	0.0	48.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#80

1,2,4-Trimethylbenzene

Concen: 51.624 ug/l

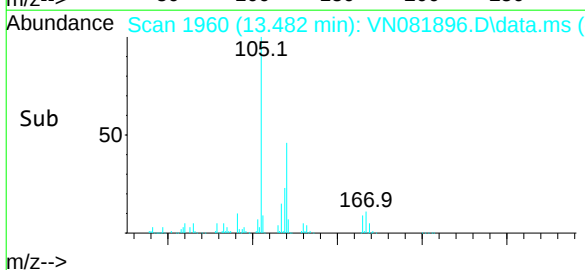
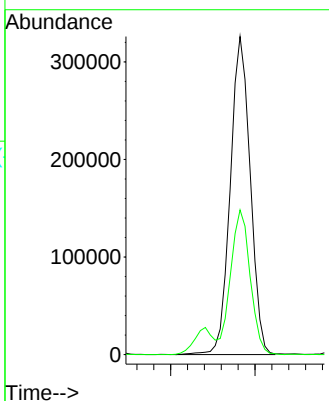
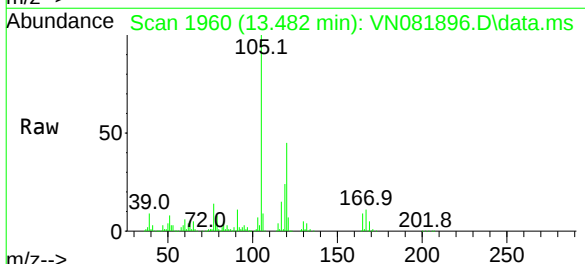
RT: 13.482 min Scan# 1960

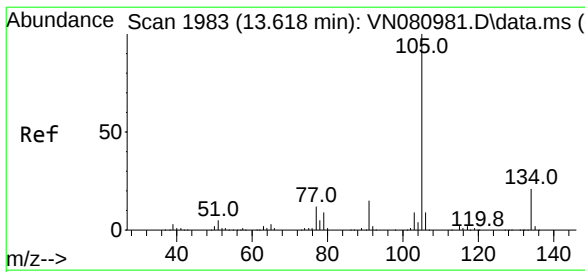
Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Tgt Ion:	105	Resp:	536187
Ion	Ratio	Lower	Upper
105	100		
120	45.0	0.0	86.8





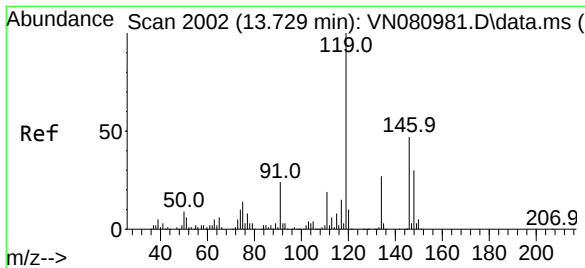
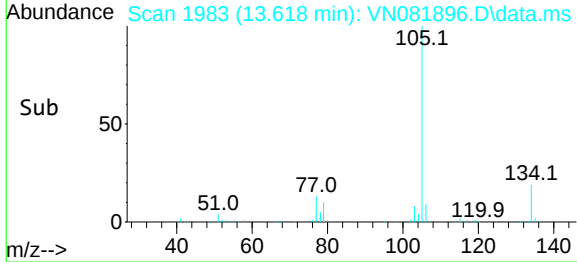
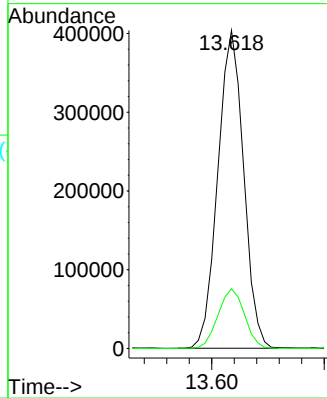
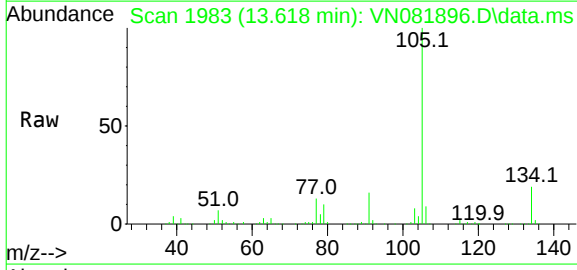
#81
sec-Butylbenzene
Concen: 52.981 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:105 Resp: 642023
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.0

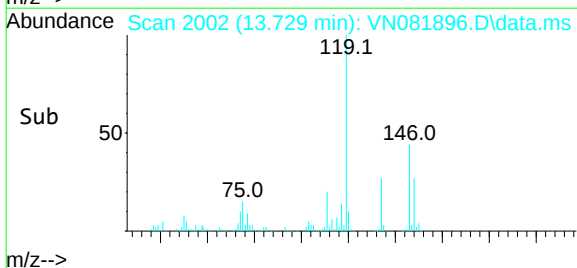
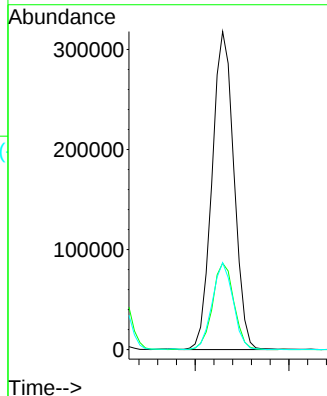
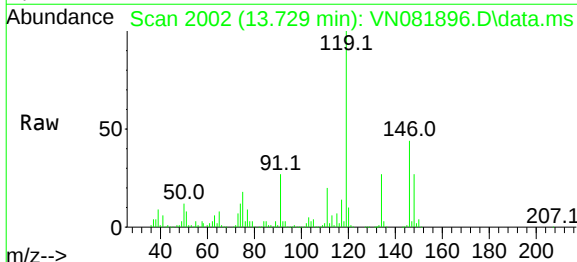
Manual Integrations
APPROVED

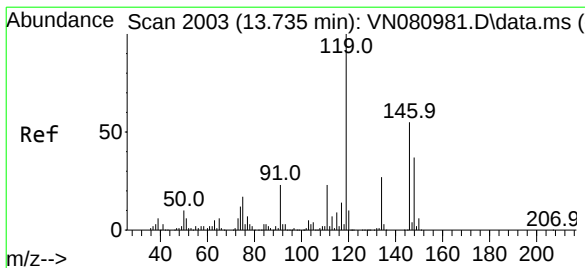
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#82
p-Isopropyltoluene
Concen: 50.667 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:119 Resp: 515453
Ion Ratio Lower Upper
119 100
134 26.5 0.0 49.2
91 26.0 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 44.670 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

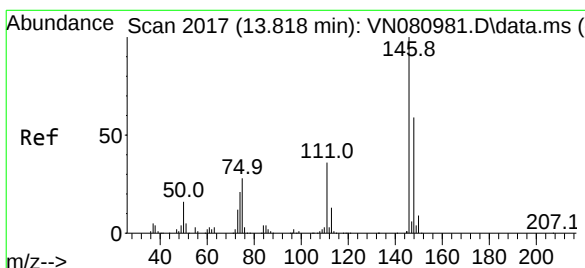
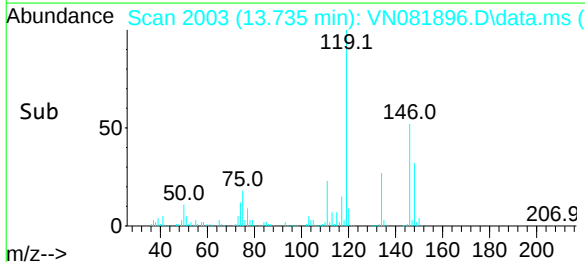
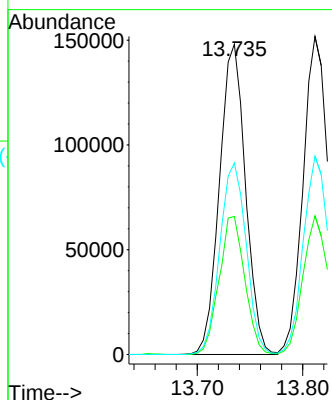
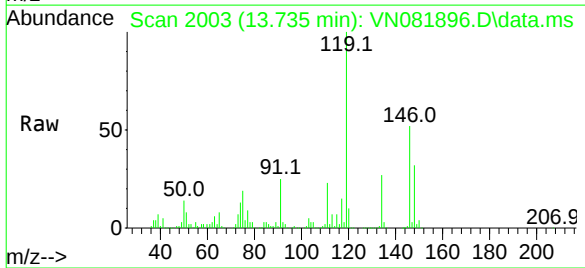
Tgt Ion:146 Resp: 254544
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.4 67.0
 148 62.4 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#84

1,4-Dichlorobenzene

Concen: 44.428 ug/l

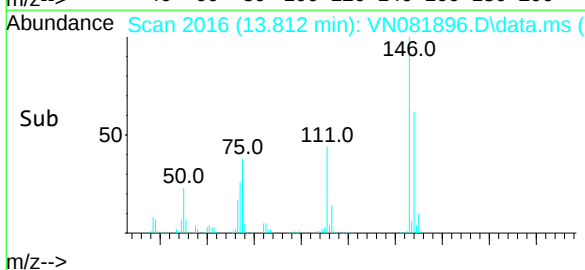
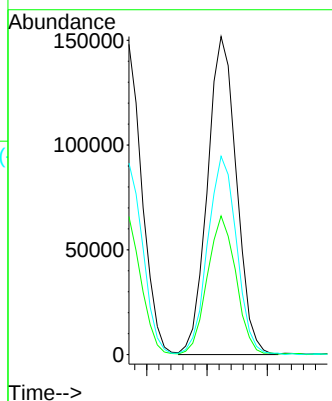
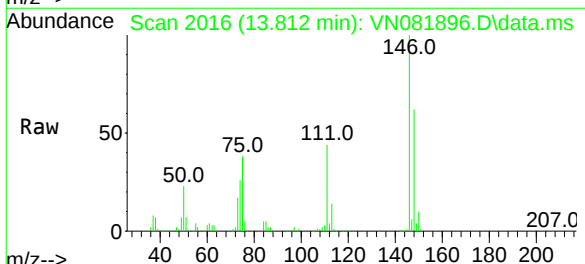
RT: 13.812 min Scan# 2016

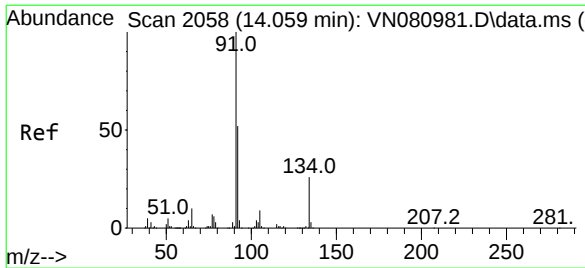
Delta R.T. -0.006 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Tgt Ion:146 Resp: 254120
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.9
 148 62.2 31.9 95.5





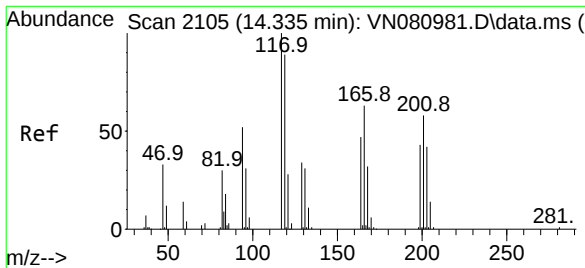
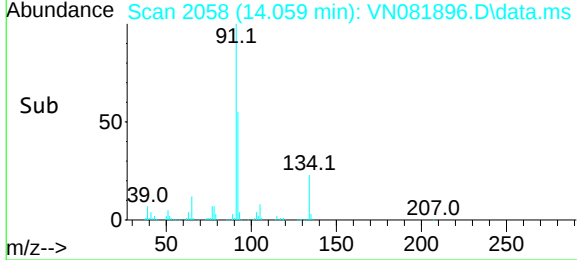
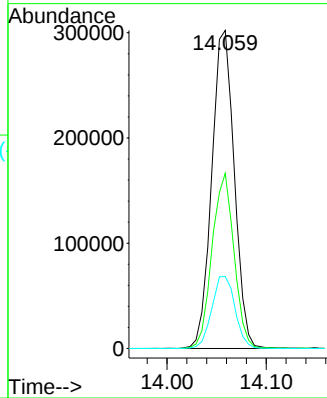
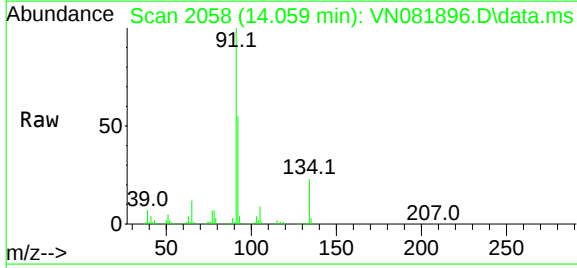
#85
n-Butylbenzene
Concen: 56.898 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 477600
Ion Ratio Lower Upper
91 100
92 53.5 0.0 105.0
134 23.4 0.0 51.8

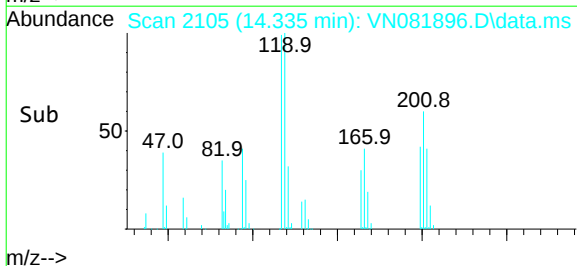
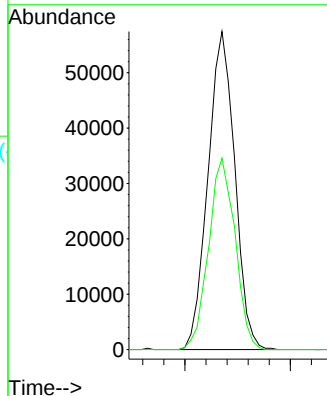
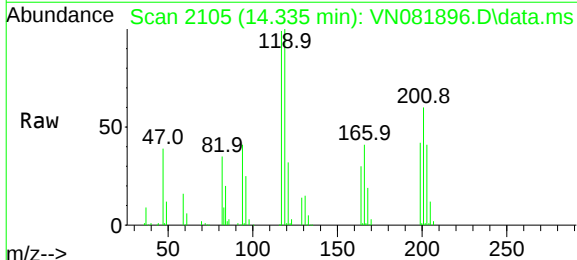
Manual Integrations
APPROVED

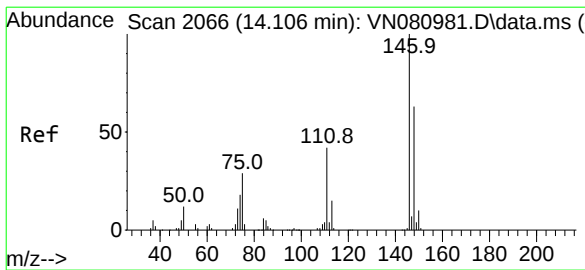
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#86
Hexachloroethane
Concen: 63.336 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:117 Resp: 101634
Ion Ratio Lower Upper
117 100
201 59.5 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 45.873 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

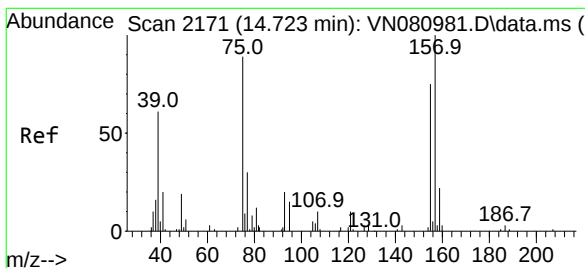
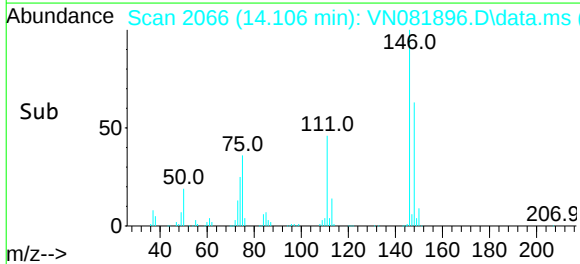
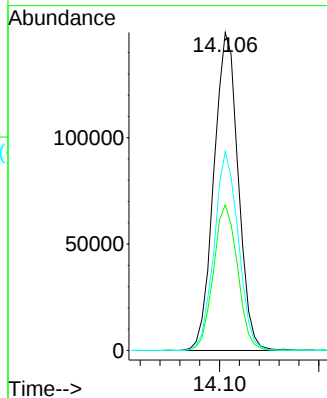
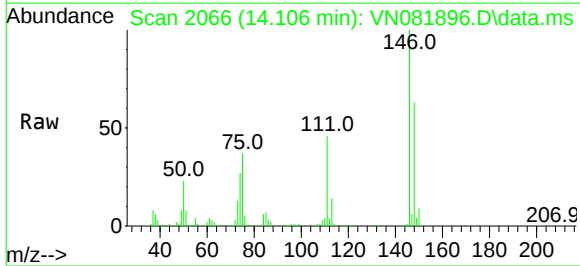
Tgt Ion:	146	Resp:	254498
Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.6	67.8
148	61.9	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 55.776 ug/l

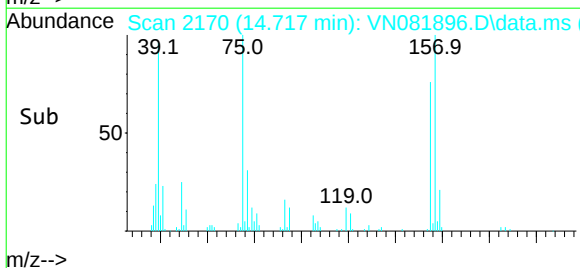
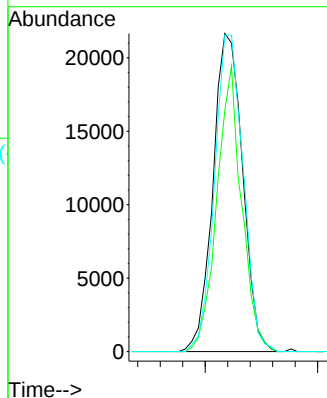
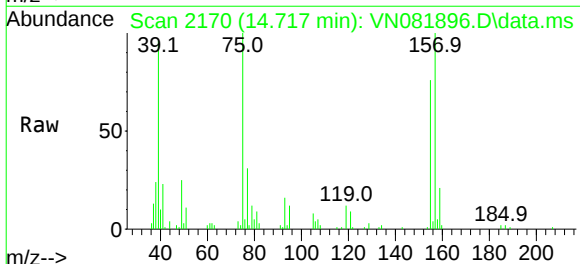
RT: 14.717 min Scan# 2170

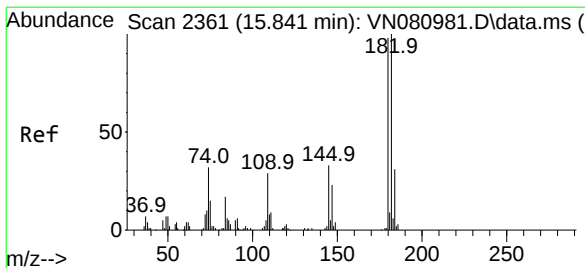
Delta R.T. -0.006 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Tgt Ion:	75	Resp:	39550
Ion	Ratio	Lower	Upper
75	100		
155	75.3	61.7	92.5
157	96.1	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 52.225 ug/l

RT: 15.841 min Scan# 23

Delta R.T. 0.000 min

Lab File: VN081896.D

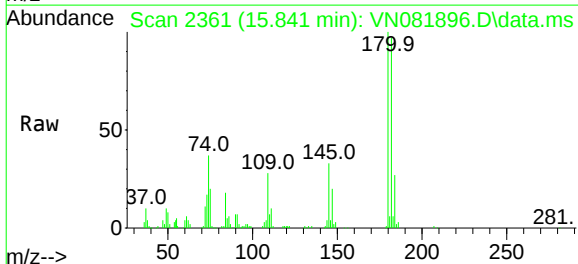
Acq: 27 Apr 2024 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



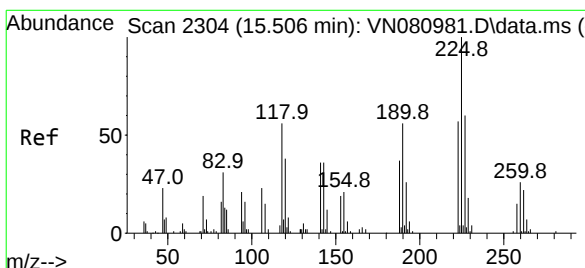
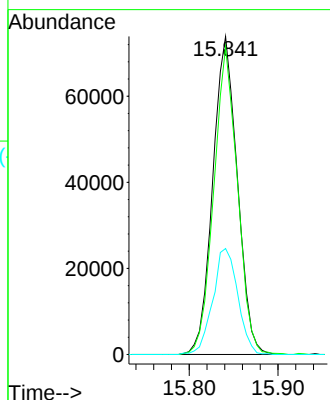
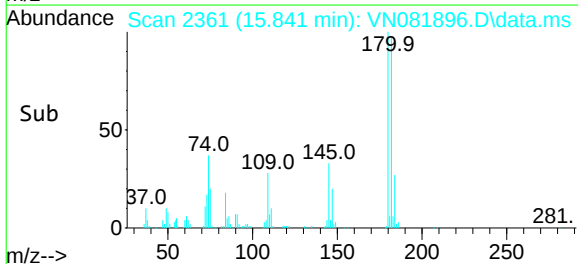
Tgt Ion:	180	Resp:	141743
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.4	114.6
145	34.0	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#90

Hexachlorobutadiene

Concen: 42.458 ug/l

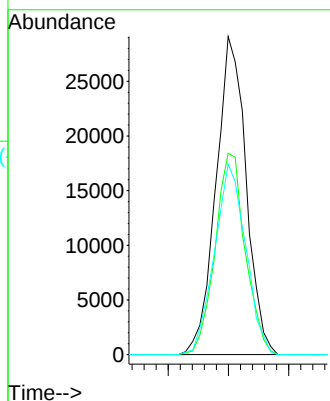
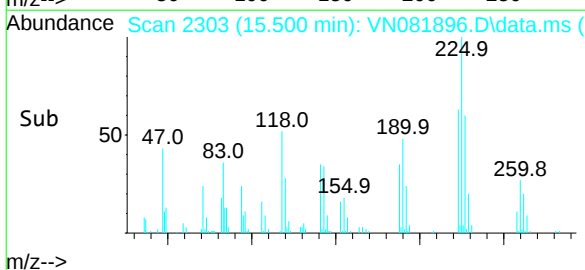
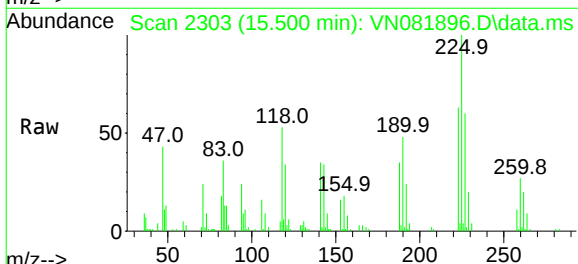
RT: 15.500 min Scan# 2303

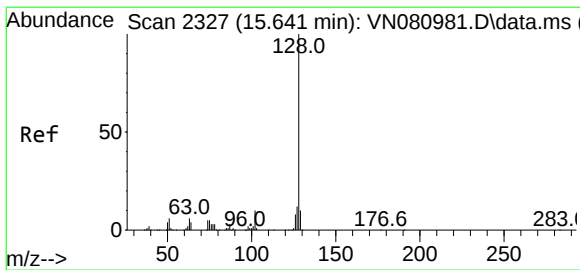
Delta R.T. -0.006 min

Lab File: VN081896.D

Acq: 27 Apr 2024 01:34

Tgt Ion:	225	Resp:	50557
Ion Ratio	Lower	Upper	
225	100		
223	63.3	0.0	126.6
227	62.1	0.0	126.6





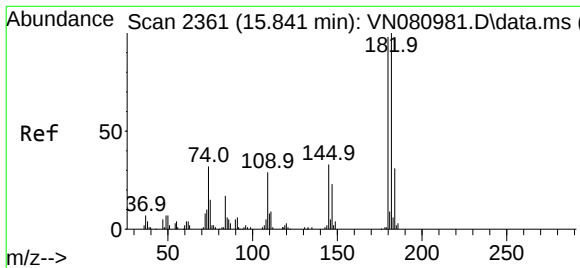
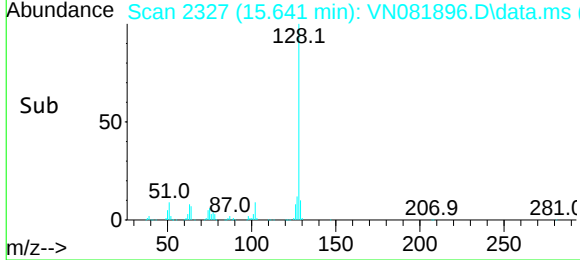
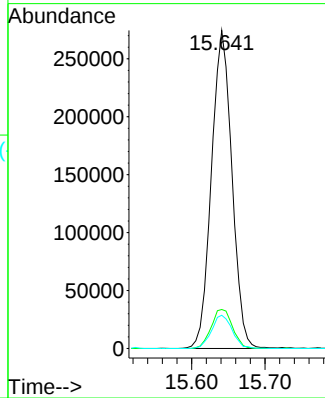
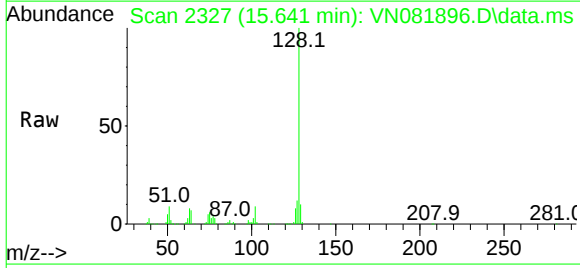
#91
Naphthalene
Concen: 55.302 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:	128	Resp:	532948
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.6	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#92
1,2,3-Trichlorobenzene
Concen: 52.225 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081896.D
Acq: 27 Apr 2024 01:34

Tgt Ion:	180	Resp:	141743
Ion Ratio	Lower	Upper	
180	100		
182	93.4	0.0	191.0
145	34.0	0.0	71.0

