

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081895.D
 Acq On : 27 Apr 2024 01:10
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 14 11:14:32 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	45019	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	263075	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	237419	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	113562	33.571	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.900%#			
60) 4-Bromofluorobenzene	12.847	95	118054	32.525	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 108.433%			
63) Toluene-d8	10.565	98	327785	30.765	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.533%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	249012	81.349	ug/l	99
3) Chloromethane	2.359	50	286115	93.011	ug/l	98
4) Vinyl Chloride	2.512	62	274858	74.942	ug/l	95
5) Bromomethane	2.947	94	126609	51.394	ug/l	95
6) Chloroethane	3.112	64	155893	65.205	ug/l	95
7) Trichlorofluoromethane	3.494	101	406544	84.177	ug/l	94
8) Diethyl Ether	3.959	74	191665	112.911	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	265808	101.407	ug/l	92
10) 1,1-Dichloroethene	4.341	96	259973	101.195	ug/l	84
11) Methyl Iodide	4.589	142	280447	101.928	ug/l	84
12) Methyl Acetate	5.018	43	345438m	148.384	ug/l	
13) Acrolein	4.177	56	355483	700.198	ug/l	98
14) Acrylonitrile	5.712	53	774489	669.957	ug/l	99
15) Acetone	4.418	58	176936	665.323	ug/l	84
16) Carbon Disulfide	4.712	76	715785	101.522	ug/l	97
17) Allyl chloride	5.024	41	472668	146.496	ug/l	90
18) Methylene Chloride	5.277	84	301124	102.566	ug/l #	83
19) trans-1,2-Dichloroethene	5.788	96	273108	93.643	ug/l	99
20) Diisopropyl ether	6.665	45	1061979	136.944	ug/l	94
21) 1,1-Dichloroethane	6.571	63	557291	112.136	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	340600	100.509	ug/l	94
23) tert-Butyl Alcohol	5.518	59	314401	746.562	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	975819	114.576	ug/l #	87
25) Chloroform	7.965	83	540941	98.111	ug/l	96
26) Cyclohexane	8.253	56	501512	134.014	ug/l #	85
29) 1,1-Dichloropropene	8.371	75	386598	98.655	ug/l	98
30) 2-Butanone	7.482	43	999404	695.118	ug/l	95
31) 2,2-Dichloropropane	7.494	77	406517	91.113	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	455882	92.479	ug/l	95
33) Carbon Tetrachloride	8.359	117	368531	88.730	ug/l	93
34) Benzene	8.606	78	1243942	103.878	ug/l	98
35) Methacrylonitrile	7.777	41	261250	154.595	ug/l	92
36) 1,2-Dichloroethane	8.671	62	416597	103.660	ug/l	97
37) Trichloroethene	9.353	130	286684	90.044	ug/l	96
38) Methylcyclohexane	9.600	83	483336	123.592	ug/l	95
39) 1,2-Dichloropropane	9.623	63	320066	112.683	ug/l	95
40) Dibromomethane	9.706	93	203103	93.986	ug/l	91
41) Bromodichloromethane	9.888	83	442796	104.697	ug/l #	99
42) Vinyl Acetate	6.606	43	4327560	703.682	ug/l	95

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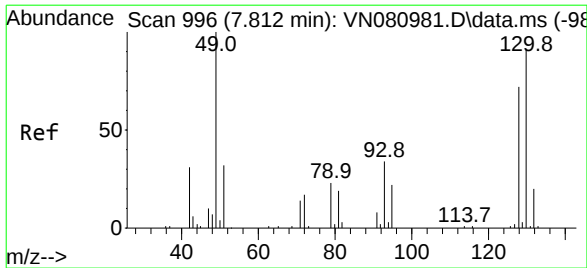
Quant Time: May 14 11:14:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	442317	147.704	ug/l	97
44) Isopropyl Acetate	8.688	43	776967	144.400	ug/l	90
45) 1,4-Dioxane	9.694	88	120682	2364.892	ug/l #	92
46) Methyl methacrylate	9.682	41	363807	147.769	ug/l	81
47) n-amyl Acetate	12.494	43	734670m	156.562	ug/l	
48) t-1,3-Dichloropropene	10.835	75	482170	108.779	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	516066	107.447	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	279639	93.521	ug/l	95
51) Ethyl methacrylate	10.876	69	538071	128.753	ug/l	76
52) 1,3-Dichloropropane	11.165	76	514233	104.144	ug/l	99
53) Dibromochloromethane	11.359	129	307633	94.394	ug/l	99
54) 1,2-Dibromoethane	11.470	107	280910	90.808	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	1303945	608.861	ug/l	96
56) Bromoform	12.576	173	189709	91.399	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	2249876	729.921	ug/l #	87
59) 2-Hexanone	11.194	43	1675268	738.956	ug/l #	88
61) Tetrachloroethene	11.106	164	253729	93.558	ug/l	96
62) Toluene	10.629	91	1284132	98.738	ug/l	100
64) Chlorobenzene	11.894	112	798933	100.300	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	257910	87.289	ug/l	95
66) Ethyl Benzene	11.965	91	1431353	104.673	ug/l	99
67) m/p-Xylenes	12.070	106	1055032	196.463	ug/l	99
68) o-Xylene	12.400	106	520718	98.945	ug/l	100
69) Styrene	12.412	104	884303	102.066	ug/l	98
70) Isopropylbenzene	12.694	105	1342698	104.690	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	376454	95.189	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	307361m	99.281	ug/l	
73) Bromobenzene	12.982	156	279506	87.636	ug/l	83
74) n-propylbenzene	13.035	91	1620676	111.188	ug/l	100
75) 2-Chlorotoluene	13.129	91	974730	107.722	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	1094557	104.304	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	163488	139.548	ug/l	96
78) 4-Chlorotoluene	13.223	91	968395	106.854	ug/l	99
79) tert-butylbenzene	13.441	119	929427	106.693	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	1090823	104.327	ug/l	98
81) sec-Butylbenzene	13.617	105	1340737	109.906	ug/l	99
82) p-Isopropyltoluene	13.729	119	1059075	103.412	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	501459	87.417	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	525245	91.220	ug/l	98
85) n-Butylbenzene	14.059	91	996755	117.958	ug/l	98
86) Hexachloroethane	14.335	117	212288	131.415	ug/l	83
87) 1,2-Dichlorobenzene	14.106	146	504416	90.317	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	87599	122.718	ug/l	89
89) 1,2,4-Trichlorobenzene	15.841	180	285798	104.603	ug/l	100
90) Hexachlorobutadiene	15.500	225	101152	84.384	ug/l	99
91) Naphthalene	15.641	128	1096421	113.017	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	285798	104.603	ug/l	100

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



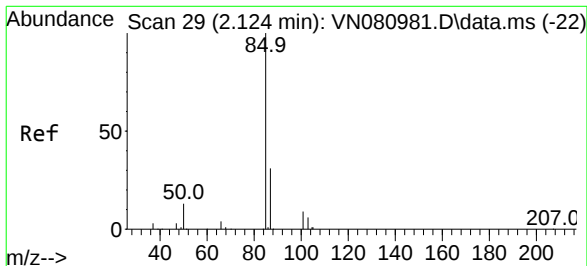
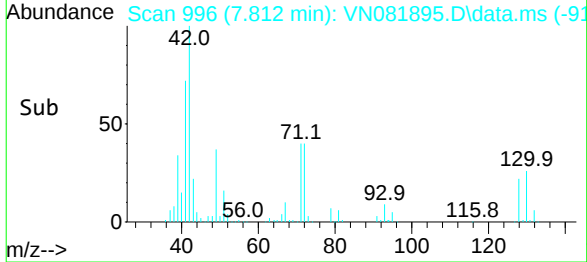
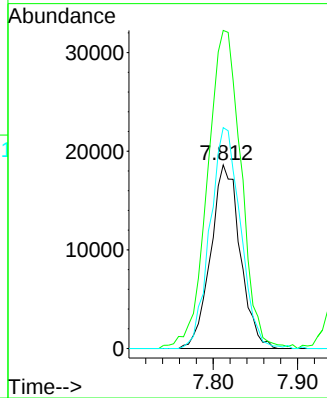
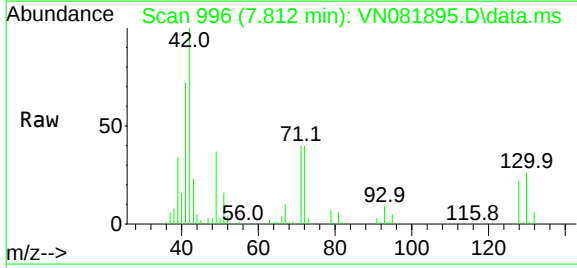
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 45019
Ion Ratio Lower Upper
128 100
49 197.7 0.0 403.7
130 124.6 0.0 323.3

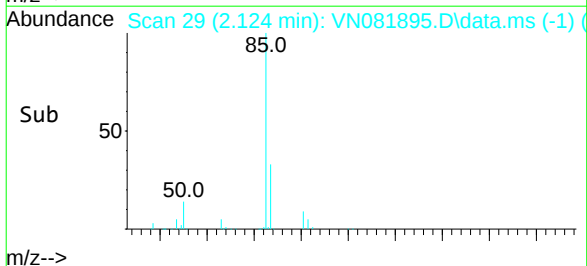
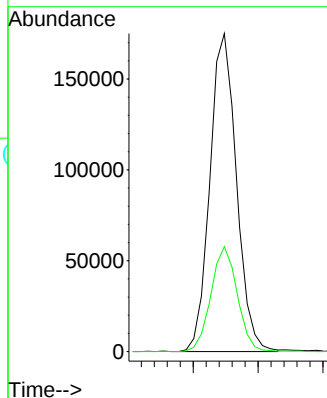
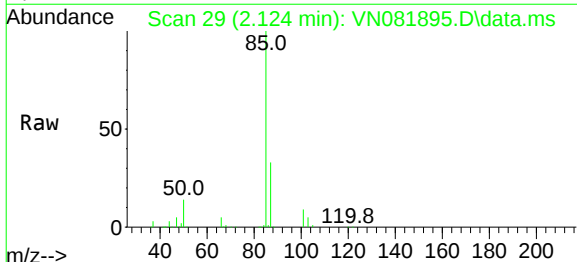
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
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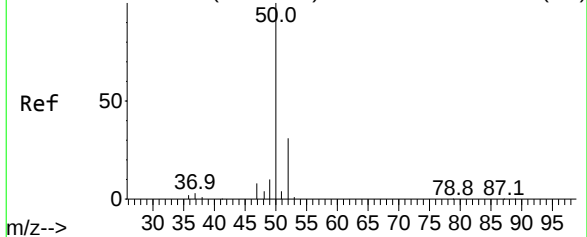


#2
Dichlorodifluoromethane
Concen: 81.349 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 85 Resp: 249012
Ion Ratio Lower Upper
85 100
87 33.0 16.8 50.3



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



#3

Chloromethane

Concen: 93.011 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 286115

Ion Ratio Lower Upper

50 100

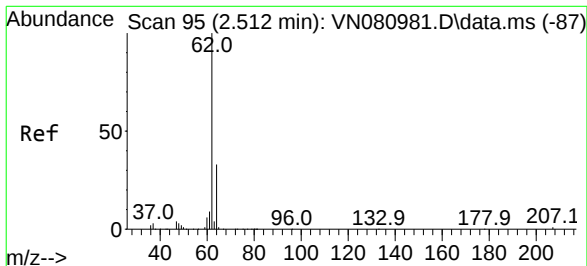
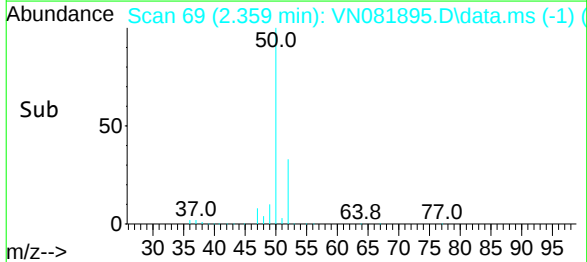
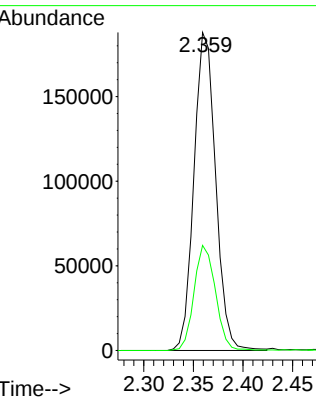
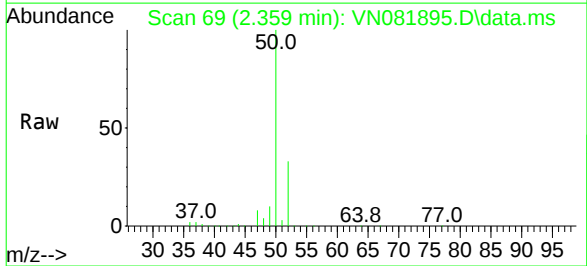
52 33.0 25.4 38.0

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 05/14/2024



#4

Vinyl Chloride

Concen: 74.942 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN081895.D

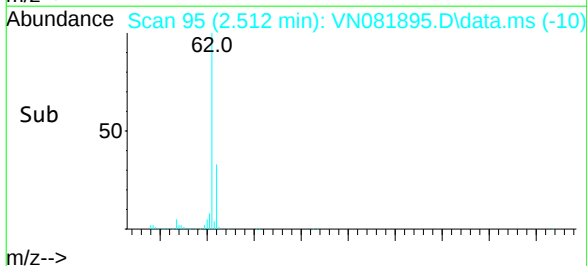
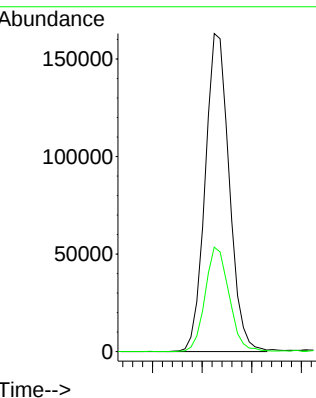
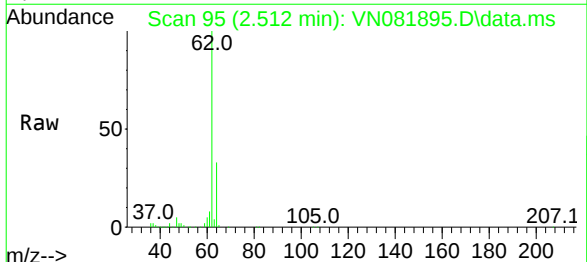
Acq: 27 Apr 2024 01:10

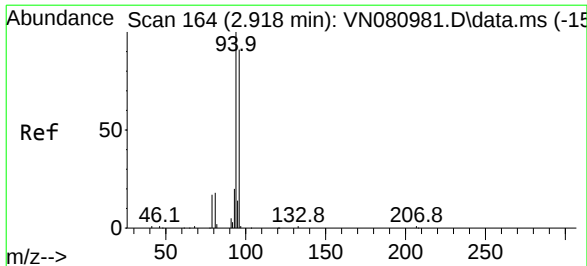
Tgt Ion: 62 Resp: 274858

Ion Ratio Lower Upper

62 100

64 32.8 24.1 36.1





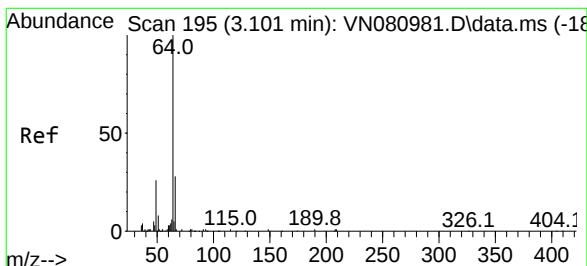
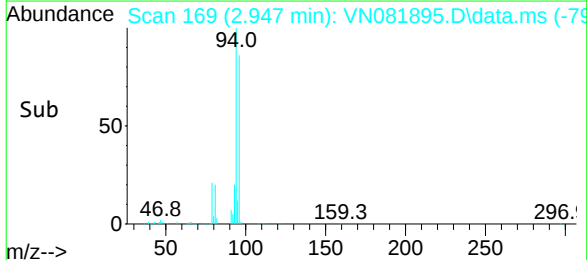
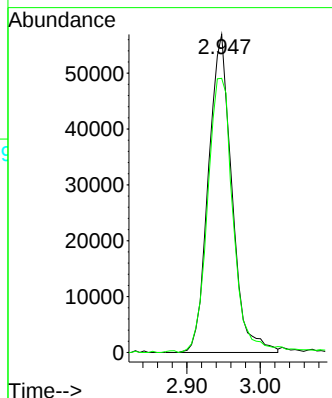
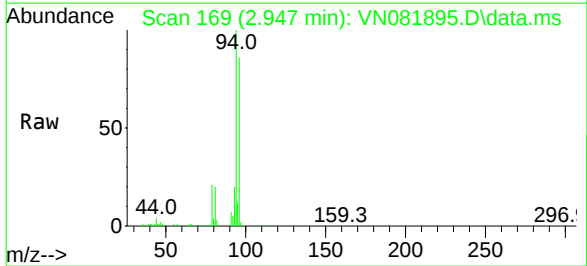
#5
Bromomethane
Concen: 51.394 ug/l
RT: 2.947 min Scan# 16
Delta R.T. 0.029 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 126609
Ion Ratio Lower Upper
94 100
96 86.2 72.8 109.2

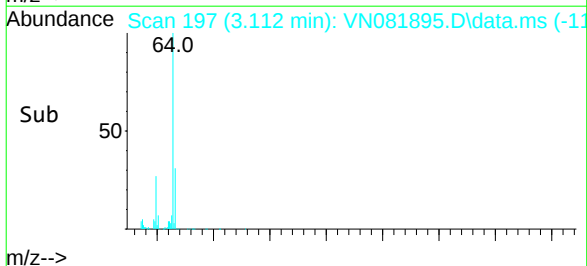
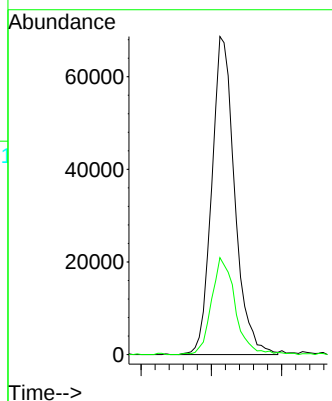
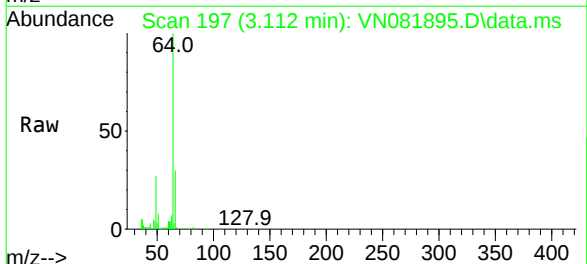
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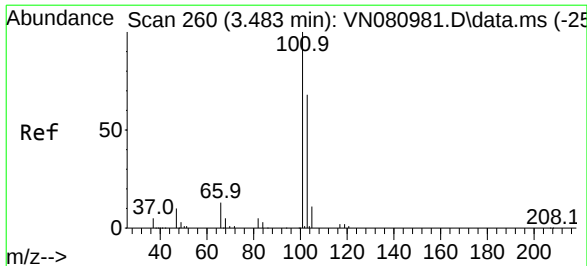
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#6
Chloroethane
Concen: 65.205 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.012 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

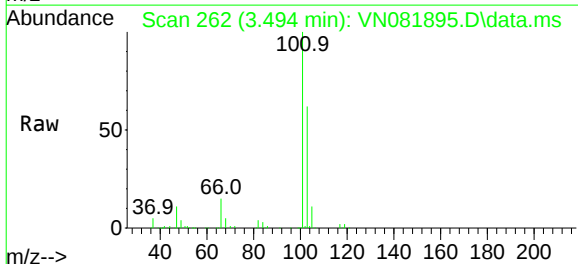
Tgt Ion: 64 Resp: 155893
Ion Ratio Lower Upper
64 100
66 30.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 84.177 ug/l
RT: 3.494 min Scan# 260
Delta R.T. 0.012 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

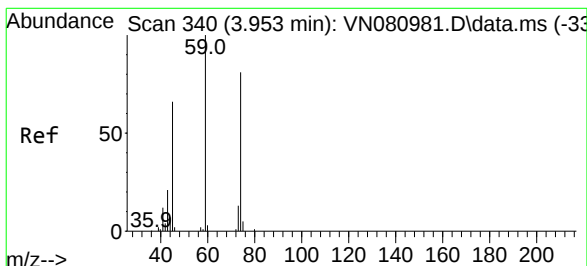
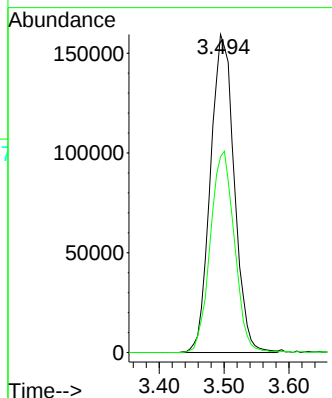
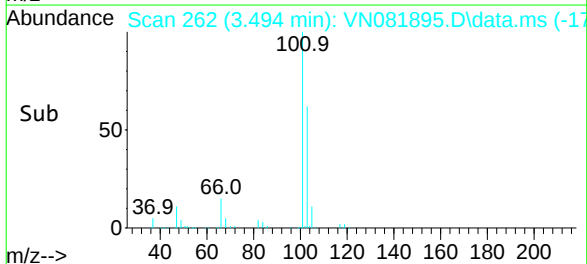
Instrument :
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Tgt Ion:101 Resp: 406544
Ion Ratio Lower Upper
101 100
103 61.5 53.0 79.4

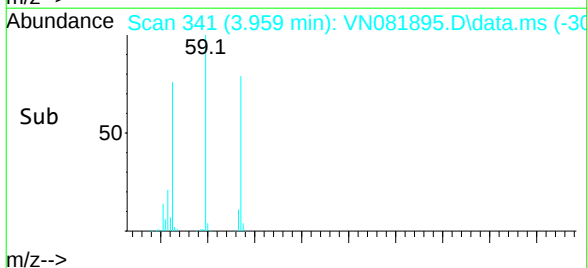
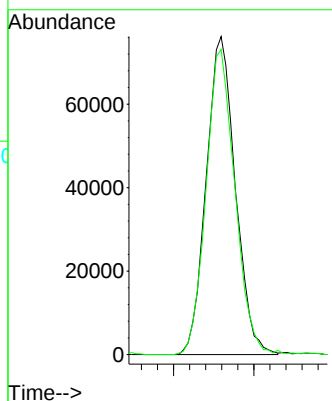
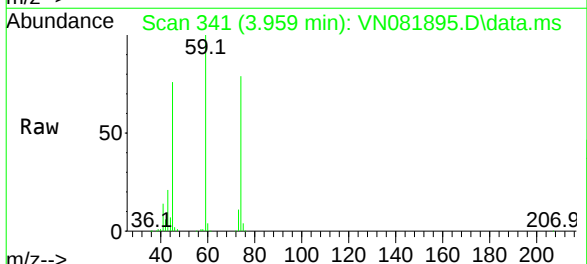
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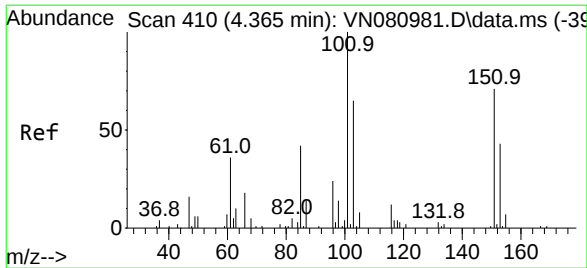
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#8
Diethyl Ether
Concen: 112.911 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

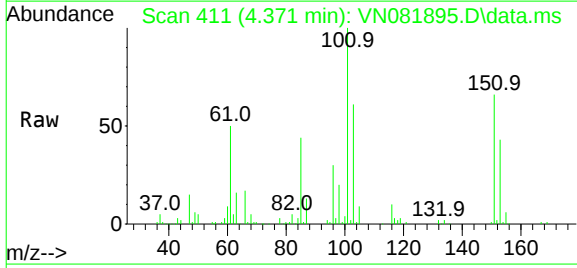
Tgt Ion: 74 Resp: 191665
Ion Ratio Lower Upper
74 100
45 95.1 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.407 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

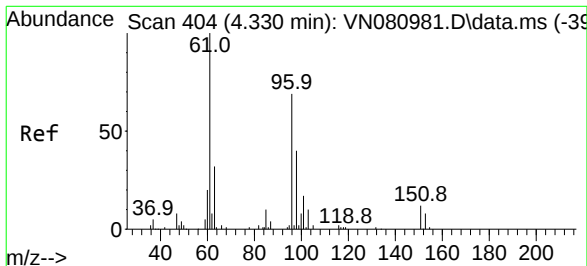
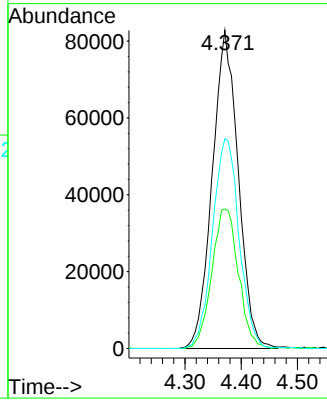
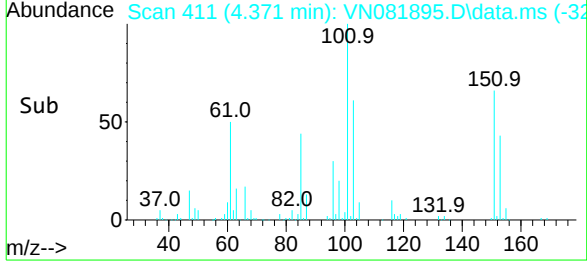
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 101 Resp: 265808
Ion Ratio Lower Upper
101 100
85 44.8 0.0 90.6
151 67.5 0.0 157.6

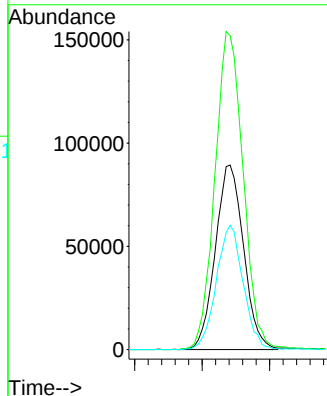
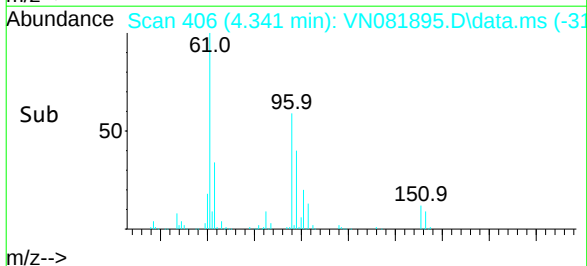
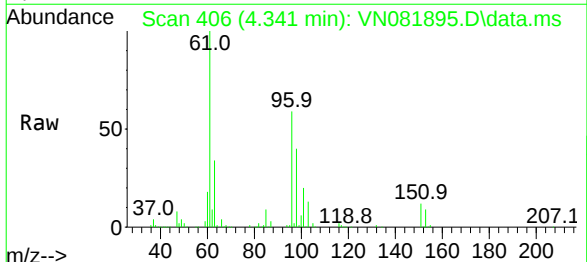
Manual Integrations
APPROVED

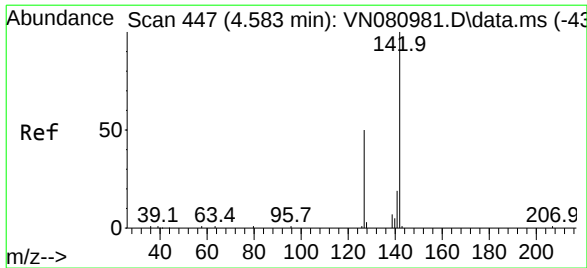
Reviewed By : John Carlone 04/29/2024
Supervised By : Semsettin Yesilyurt 05/14/2024



#10
1,1-Dichloroethene
Concen: 101.195 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

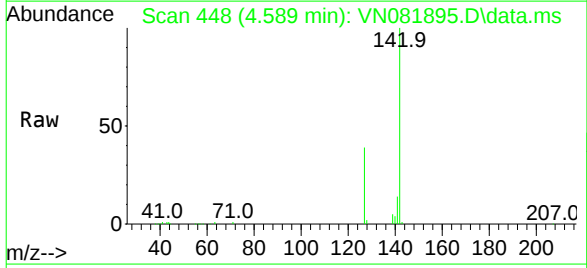
Tgt Ion: 96 Resp: 259973
Ion Ratio Lower Upper
96 100
61 170.1 117.6 176.4
98 67.4 48.4 72.6





#11
Methyl Iodide
Concen: 101.928 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

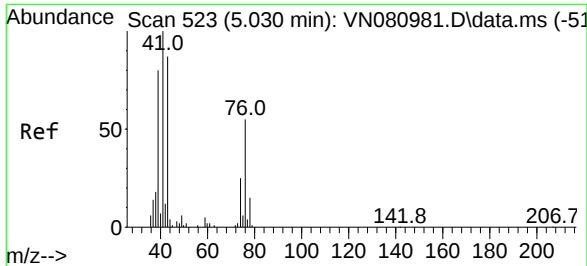
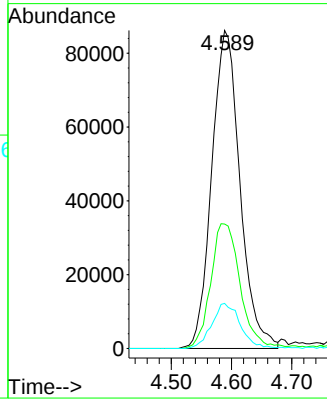
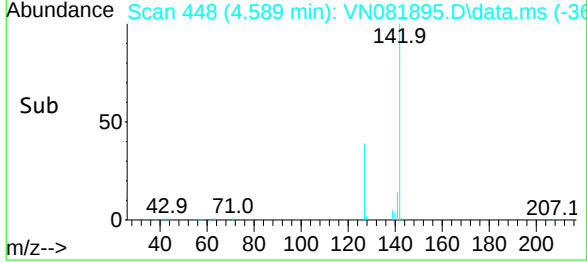
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



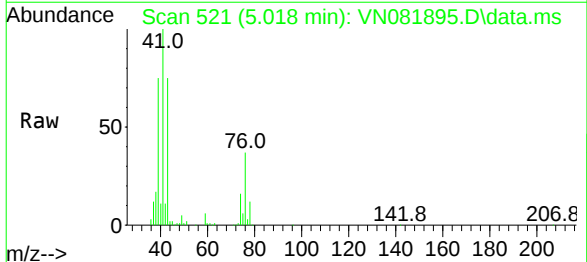
Tgt Ion:142 Resp: 280447
Ion Ratio Lower Upper
142 100
127 38.9 26.3 78.9
141 14.2 8.3 24.9

Manual Integrations
APPROVED

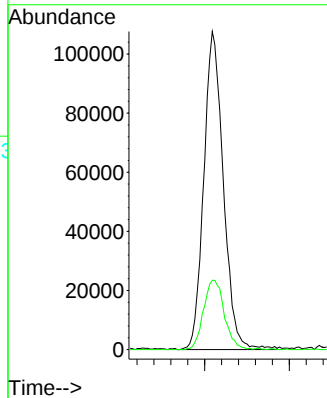
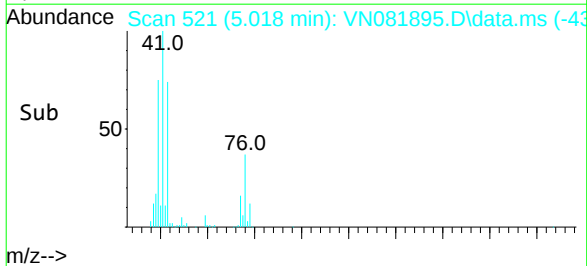
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

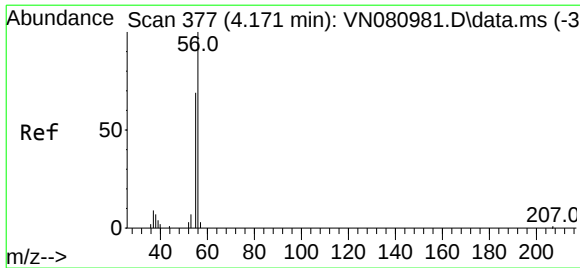


#12
Methyl Acetate
Concen: 148.384 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10



Tgt Ion: 43 Resp: 345438
Ion Ratio Lower Upper
43 100
74 21.8 27.7 41.5#





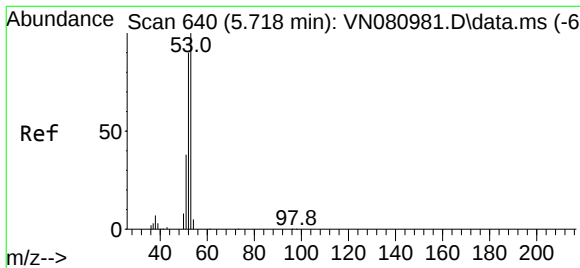
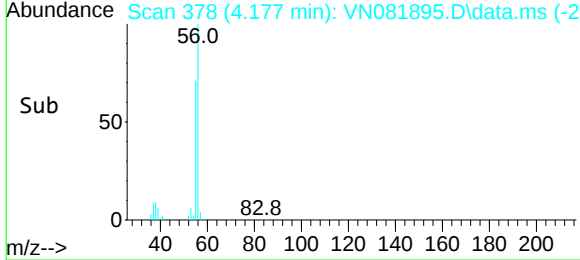
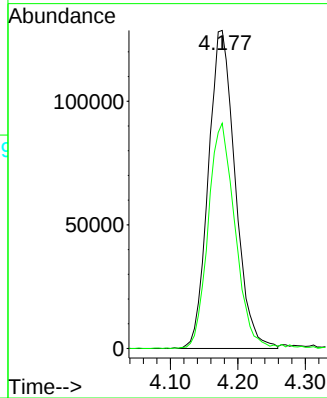
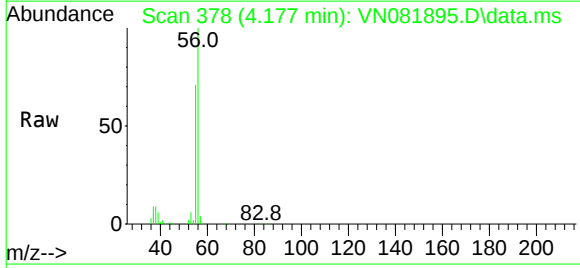
#13
Acrolein
Concen: 700.198 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 355483
Ion Ratio Lower Upper
56 100
55 70.7 55.5 83.3

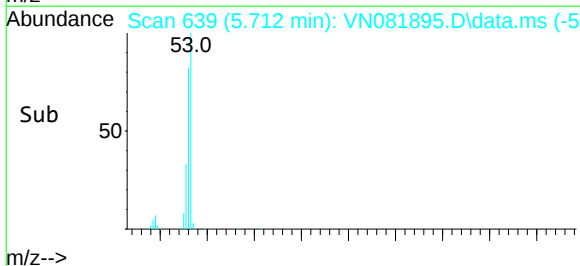
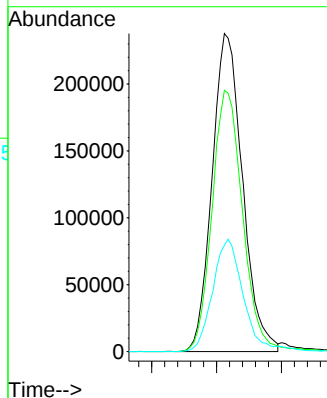
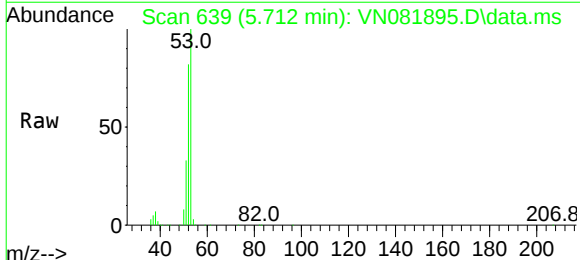
Manual Integrations
APPROVED

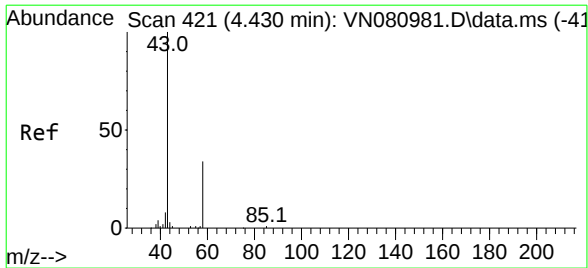
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#14
Acrylonitrile
Concen: 669.957 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 53 Resp: 774489
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.9
51 34.7 16.8 50.3





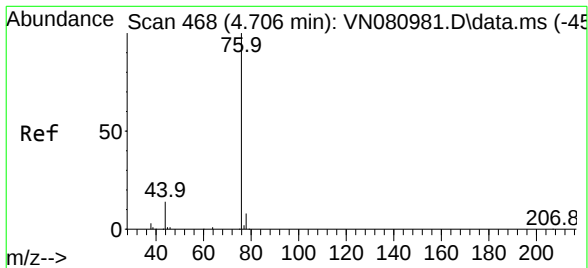
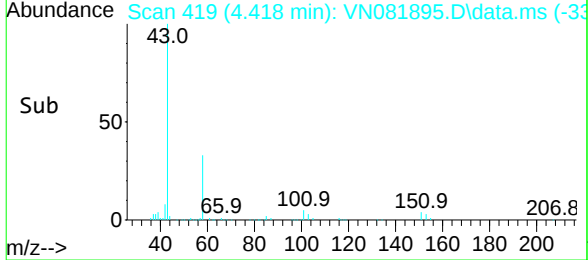
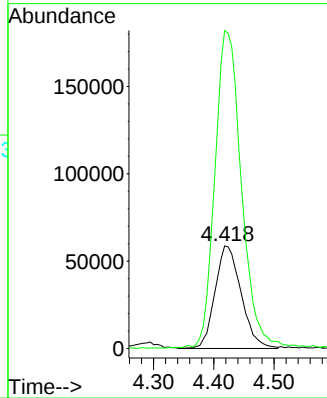
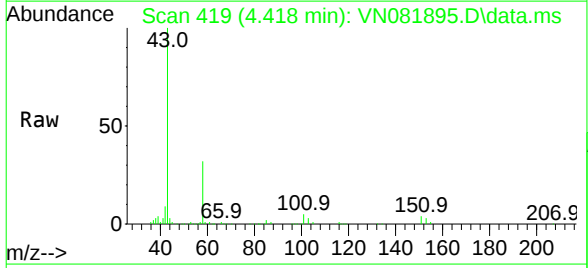
#15
 Acetone
 Concen: 665.323 ug/l
 RT: 4.418 min Scan# 419
 Delta R.T. -0.012 min
 Lab File: VN081895.D
 Acq: 27 Apr 2024 01:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion: 58 Resp: 176936
 Ion Ratio Lower Upper
 58 100
 43 308.9 223.1 334.7

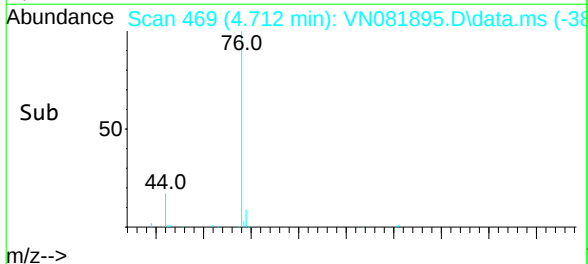
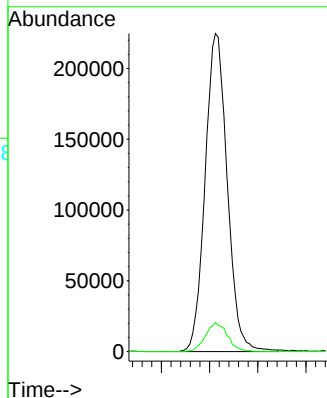
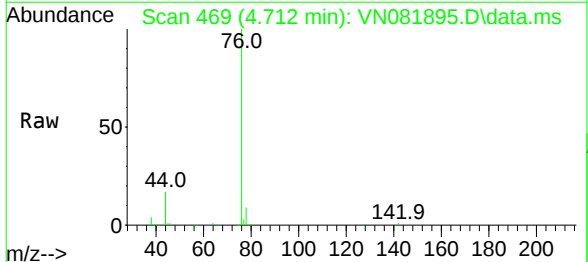
Manual Integrations
 APPROVED

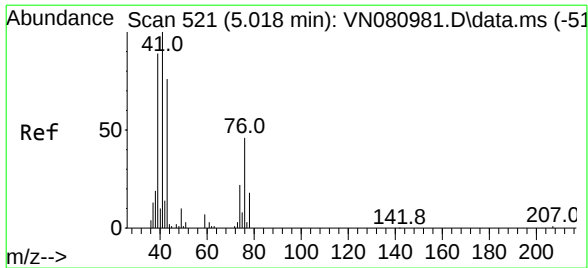
Reviewed By :John Carlone 04/29/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#16
 Carbon Disulfide
 Concen: 101.522 ug/l
 RT: 4.712 min Scan# 469
 Delta R.T. 0.006 min
 Lab File: VN081895.D
 Acq: 27 Apr 2024 01:10

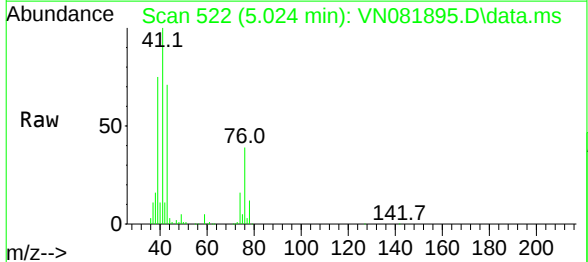
Tgt Ion: 76 Resp: 715785
 Ion Ratio Lower Upper
 76 100
 78 9.1 6.3 9.5





#17
Allyl chloride
Concen: 146.496 ug/l
RT: 5.024 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

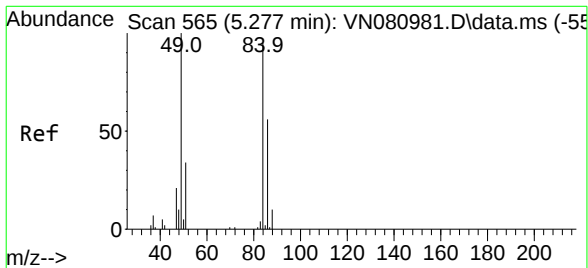
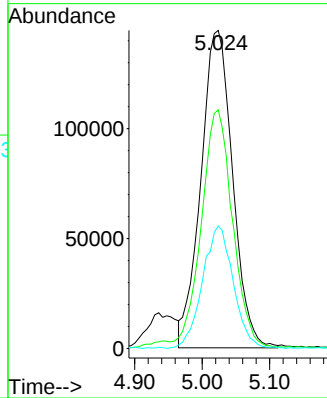
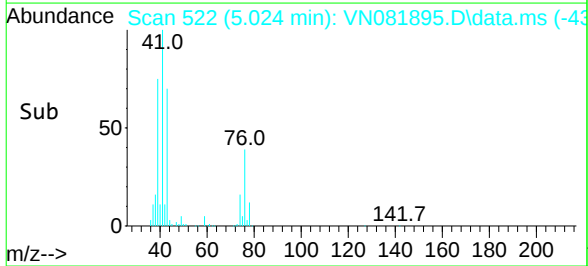
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 472668
Ion Ratio Lower Upper
41 100
39 75.2 37.6 112.9
76 38.6 27.8 83.4

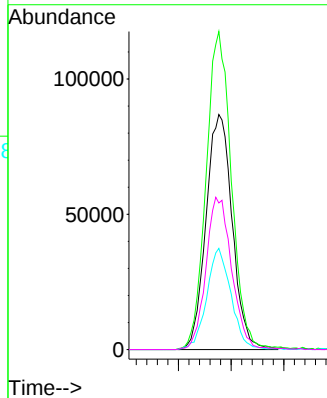
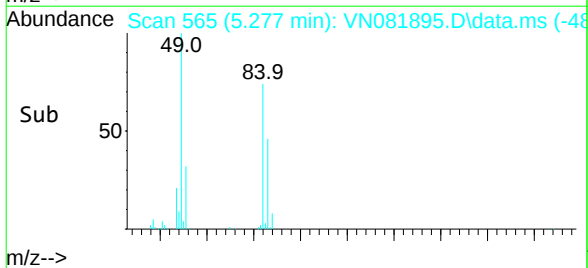
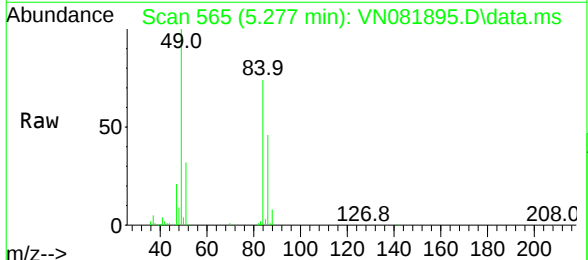
Manual Integrations
APPROVED

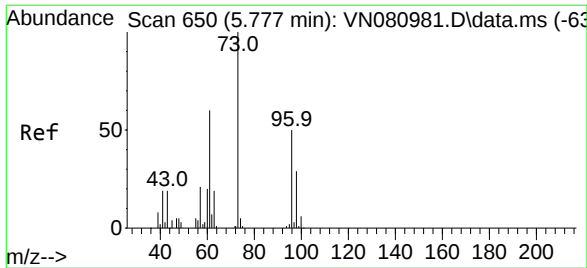
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#18
Methylene Chloride
Concen: 102.566 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

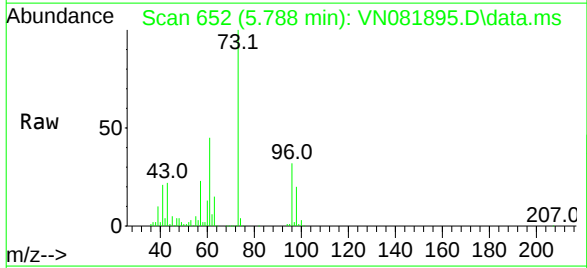
Tgt Ion: 84 Resp: 301124
Ion Ratio Lower Upper
84 100
49 134.8 86.0 129.0#
51 42.9 30.0 45.0
86 62.2 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 93.643 ug/l
RT: 5.788 min Scan# 650
Delta R.T. 0.012 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

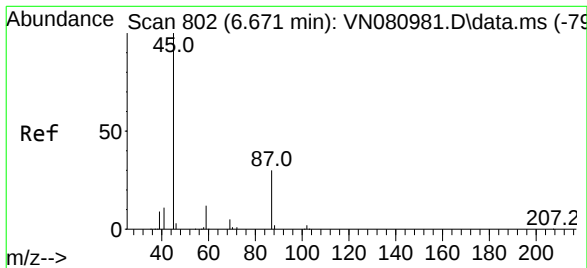
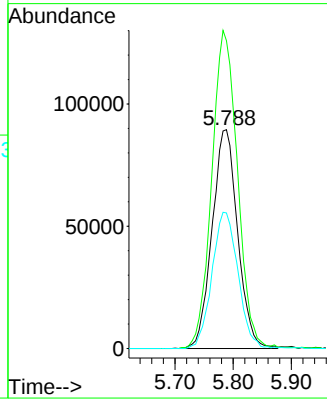
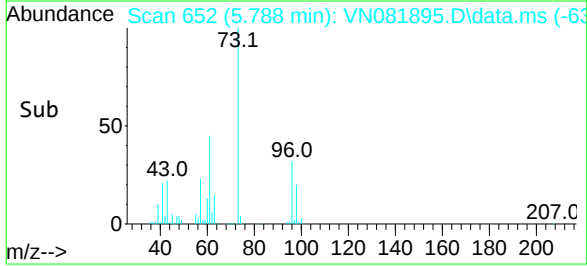
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 273108
Ion Ratio Lower Upper
96 100
61 140.7 111.8 167.6
98 62.0 49.2 73.8

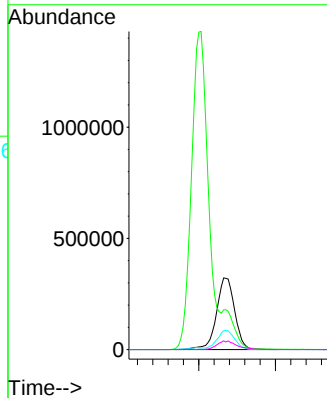
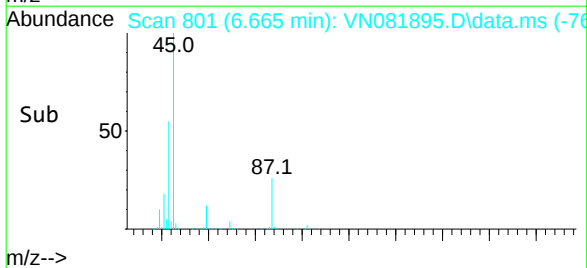
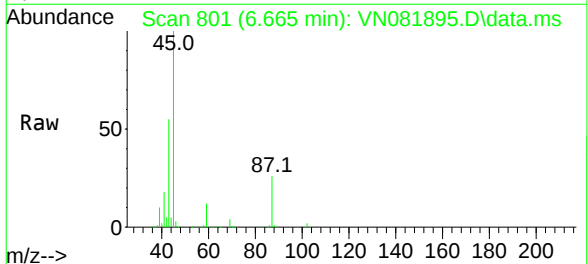
Manual Integrations
APPROVED

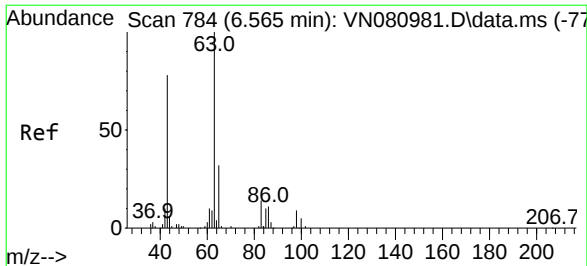
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#20
Diisopropyl ether
Concen: 136.944 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 45 Resp: 1061979
Ion Ratio Lower Upper
45 100
43 55.0 40.4 60.6
87 26.4 23.8 35.8
59 12.1 9.8 14.6





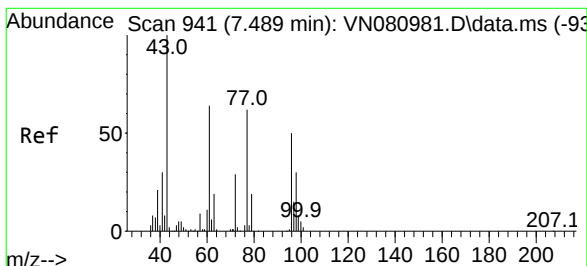
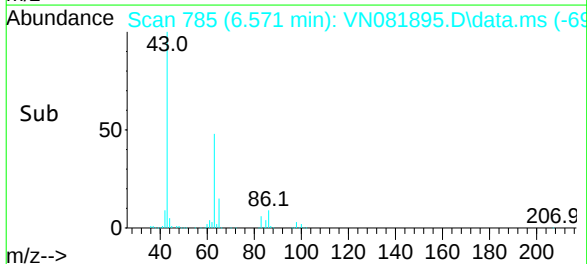
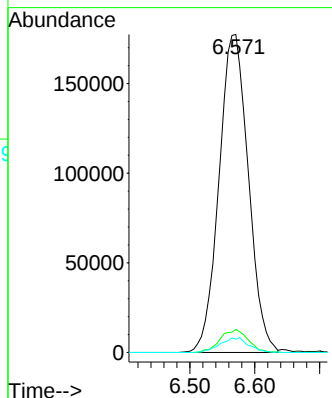
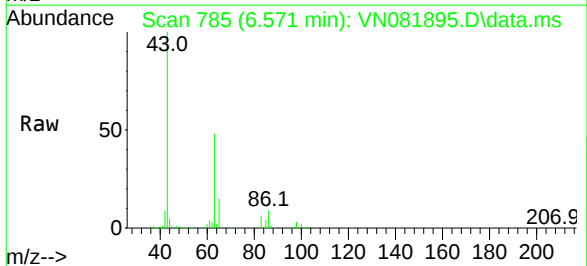
#21
1,1-Dichloroethane
Concen: 112.136 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63	Resp: 557291
Ion Ratio	Lower Upper
63 100	
98 7.2	4.1 12.3
100 4.2	3.0 9.0

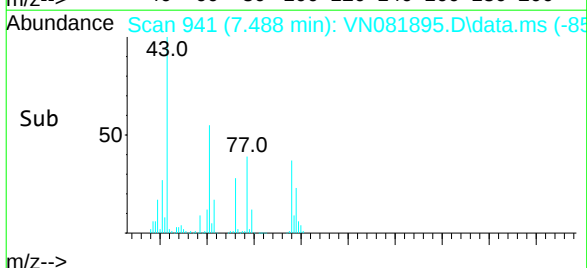
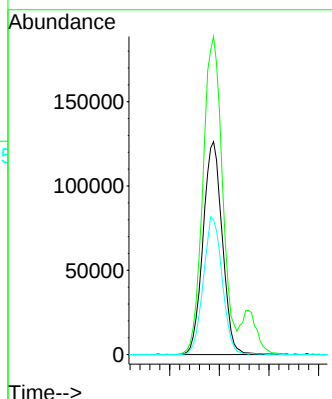
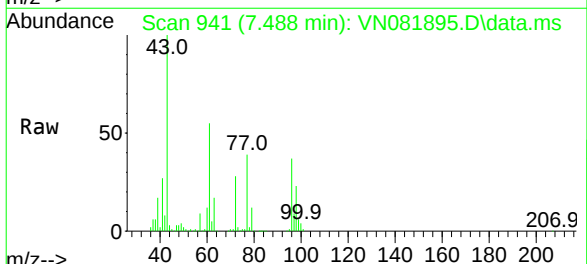
Manual Integrations
APPROVED

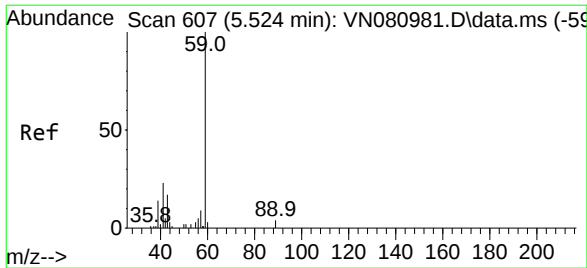
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#22
cis-1,2-Dichloroethene
Concen: 100.509 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 96	Resp: 340600
Ion Ratio	Lower Upper
96 100	
61 151.0	113.5 170.3
98 63.2	52.0 78.0





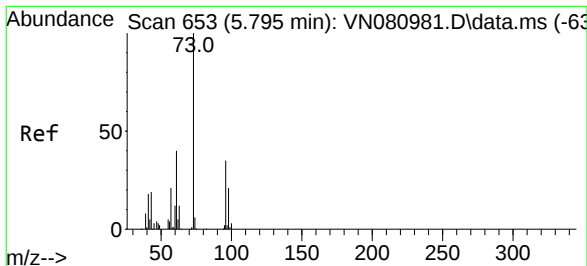
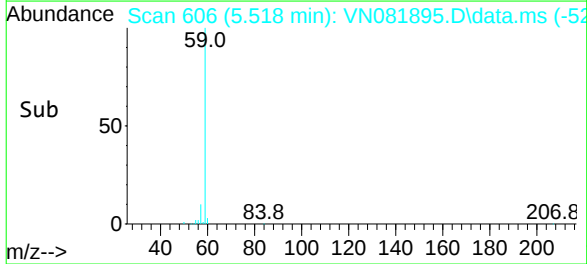
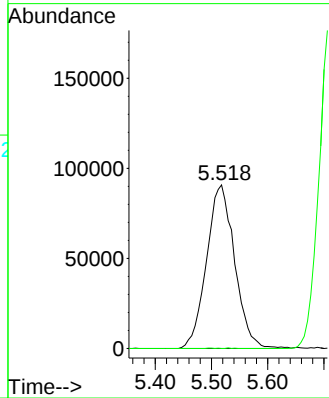
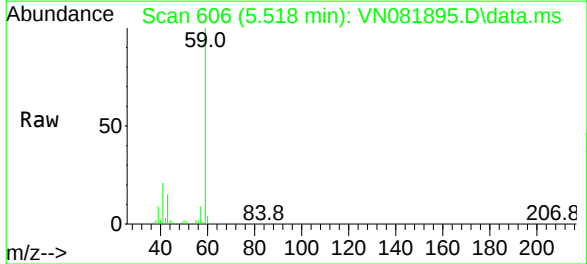
#23
tert-Butyl Alcohol
Concen: 746.562 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 314401
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#

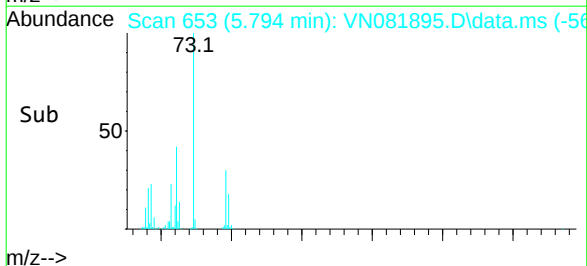
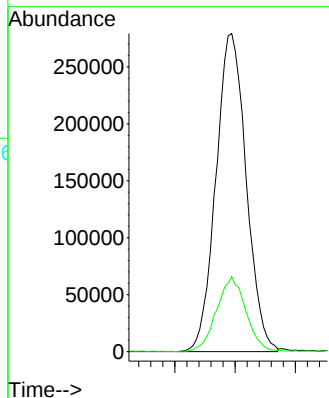
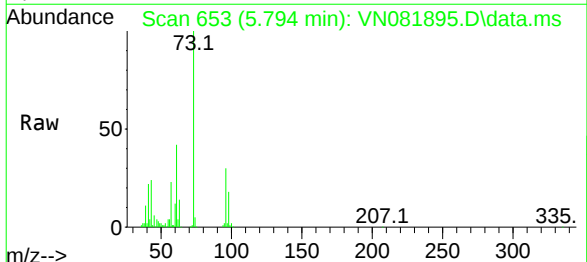
Manual Integrations
APPROVED

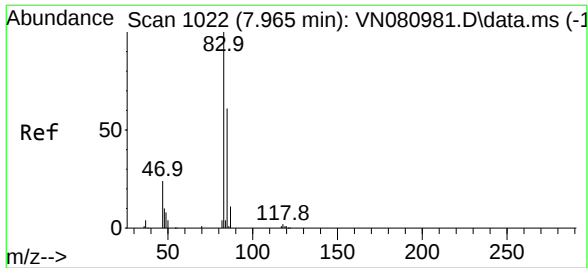
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#24
Methyl tert-Butyl Ether
Concen: 114.576 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

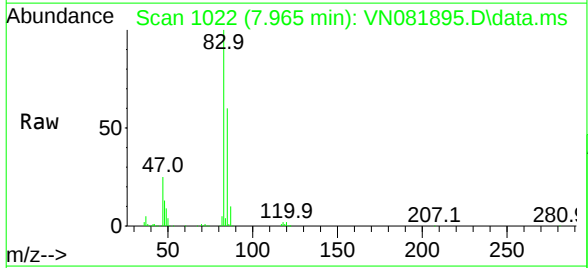
Tgt Ion: 73 Resp: 975819
Ion Ratio Lower Upper
73 100
43 22.4 13.4 20.2#





#25
Chloroform
Concen: 98.111 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

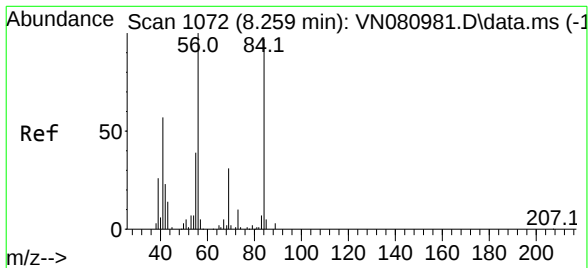
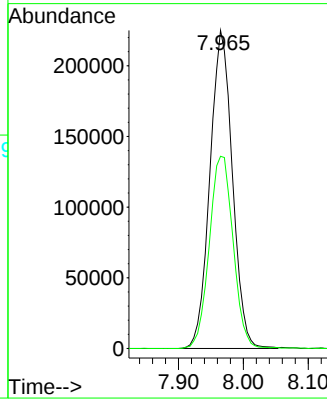
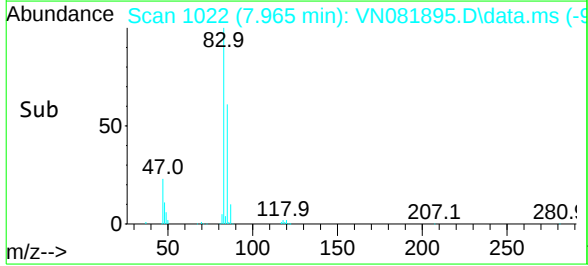
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 540941
Ion Ratio Lower Upper
83 100
85 60.4 50.9 76.3

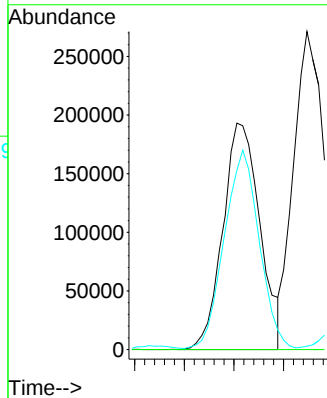
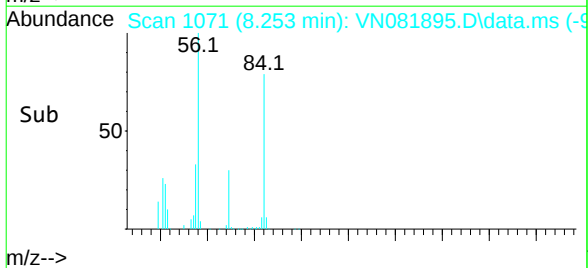
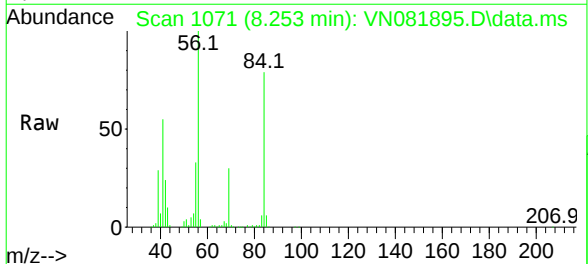
Manual Integrations
APPROVED

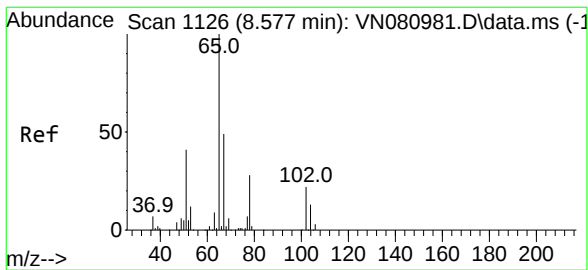
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#26
Cyclohexane
Concen: 134.014 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

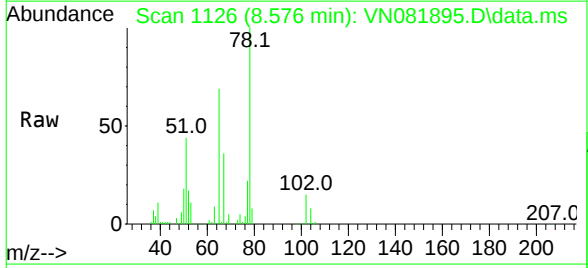
Tgt Ion: 56 Resp: 501512
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 83.2 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 33.571 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

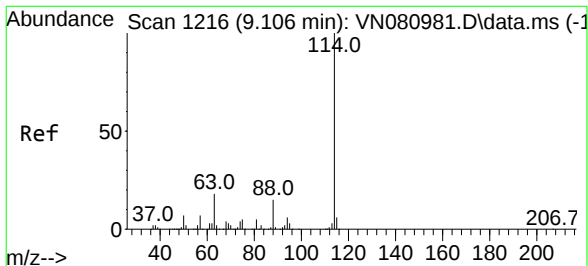
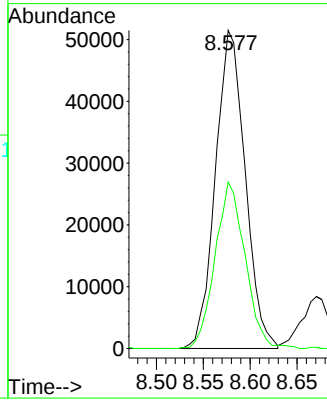
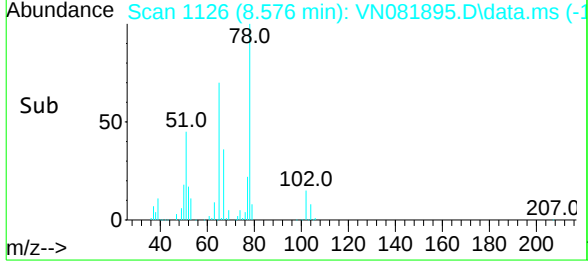
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



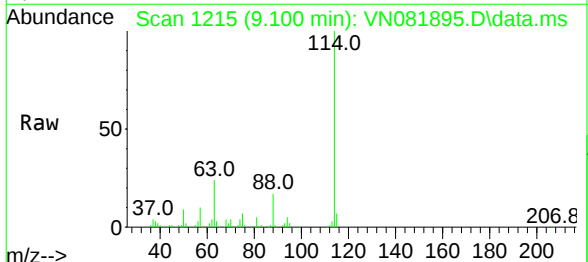
Tgt Ion: 65 Resp: 113562
Ion Ratio Lower Upper
65 100
67 52.4 43.2 64.8

Manual Integrations
APPROVED

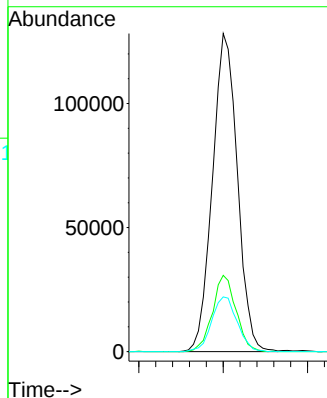
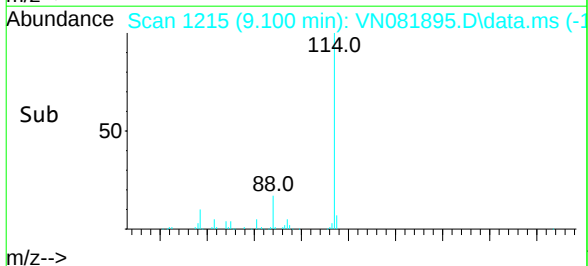
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

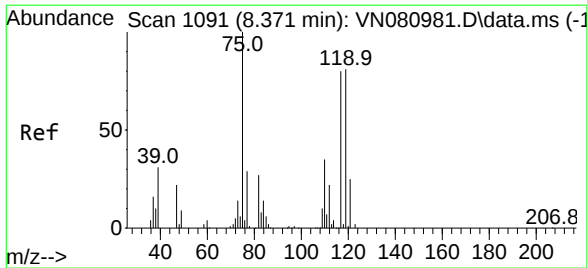


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10



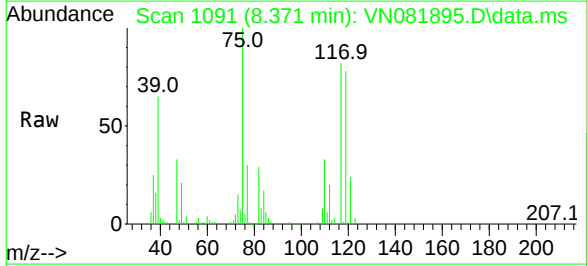
Tgt Ion:114 Resp: 263075
Ion Ratio Lower Upper
114 100
63 22.6 15.9 23.9
88 17.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 98.655 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

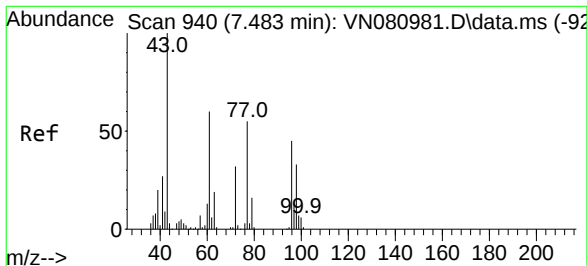
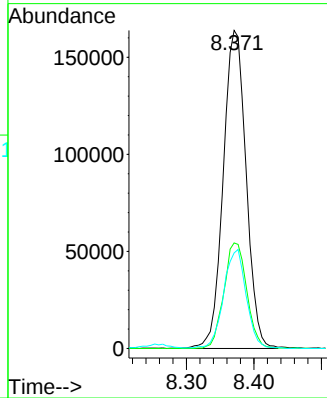
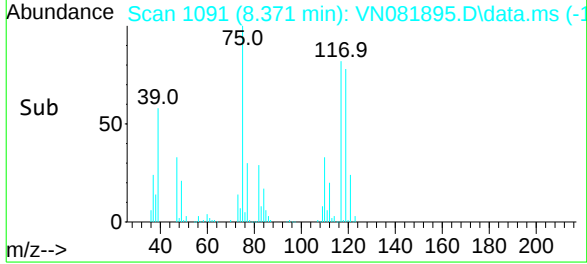
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 386598
Ion Ratio Lower Upper
75 100
110 33.2 0.0 70.2
77 30.6 0.0 61.4

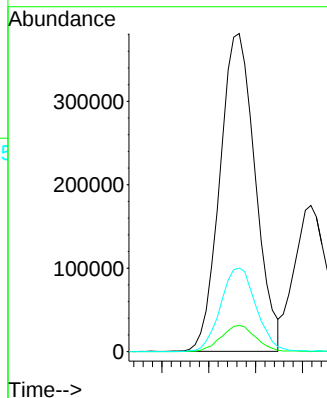
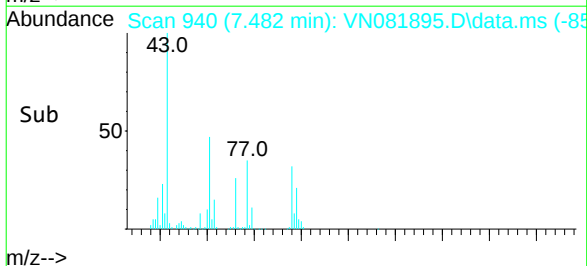
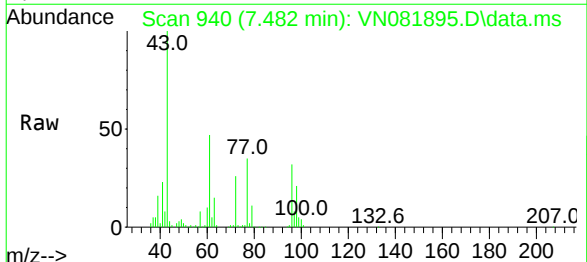
Manual Integrations
APPROVED

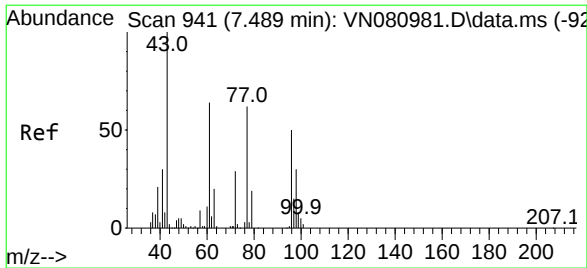
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#30
2-Butanone
Concen: 695.118 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

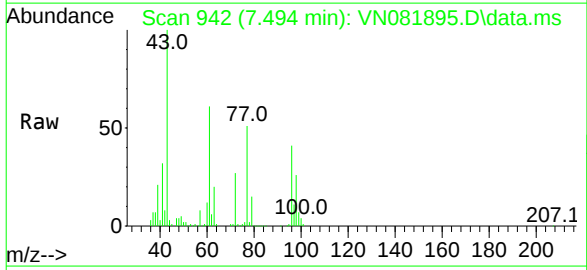
Tgt Ion: 43 Resp: 999404
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 26.4 24.0 36.0





#31
2,2-Dichloropropane
Concen: 91.113 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

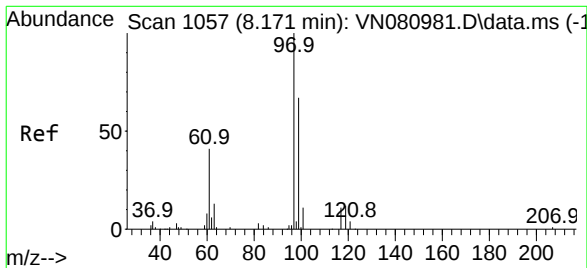
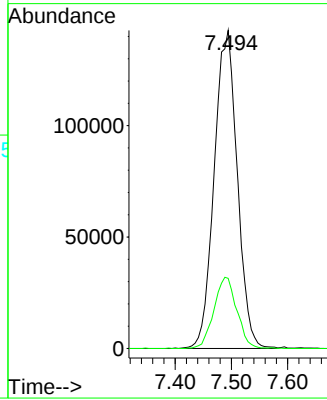
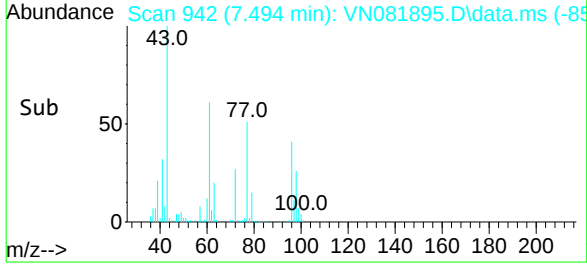
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 77 Resp: 406517
Ion Ratio Lower Upper
77 100
97 22.2 18.3 27.5

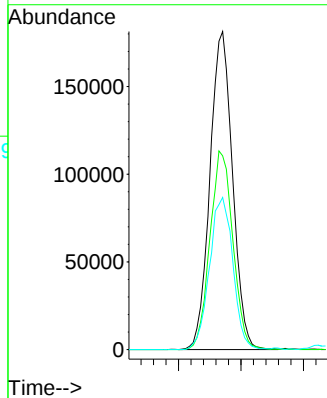
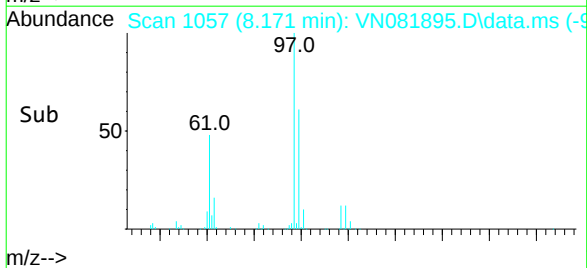
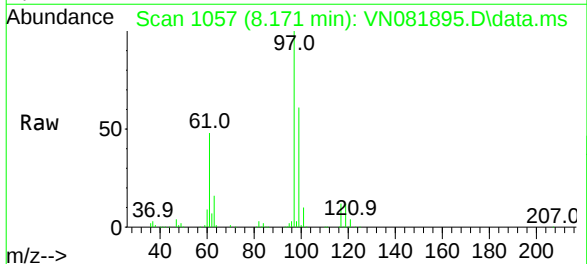
Manual Integrations
APPROVED

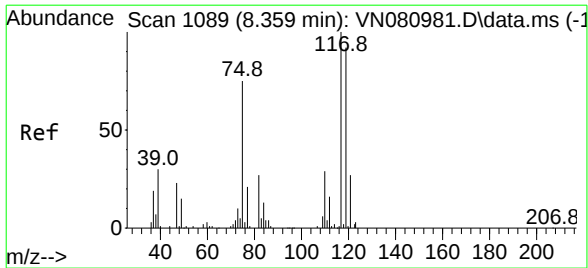
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#32
1,1,1-Trichloroethane
Concen: 92.479 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

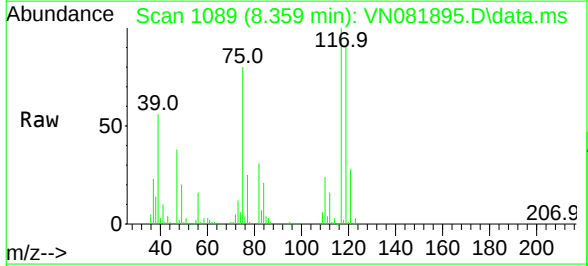
Tgt Ion: 97 Resp: 455882
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 49.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 88.730 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

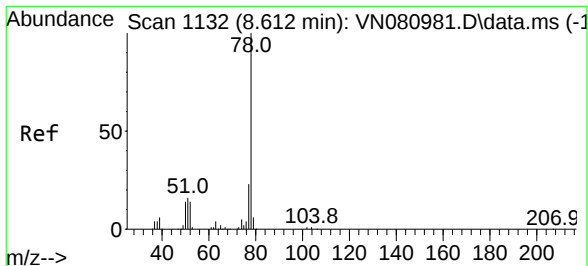
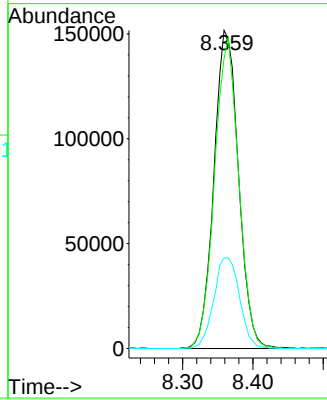
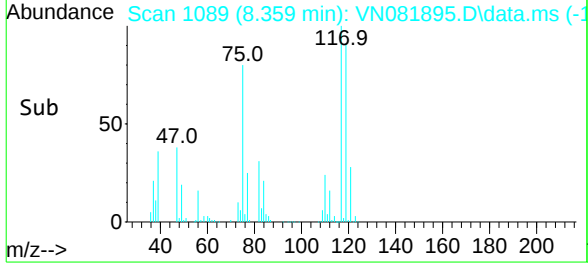
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 117 Resp: 368531
Ion Ratio Lower Upper
117 100
119 91.2 77.7 116.5
121 28.5 27.0 40.6

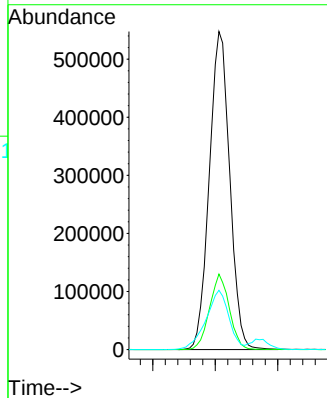
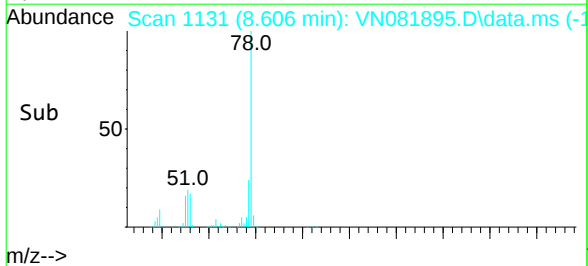
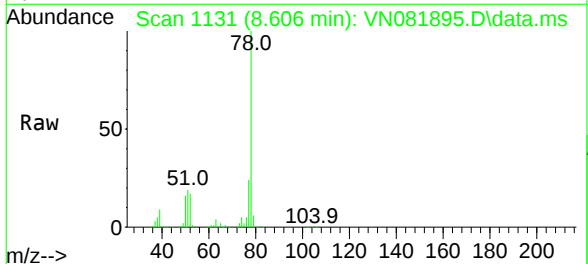
Manual Integrations
APPROVED

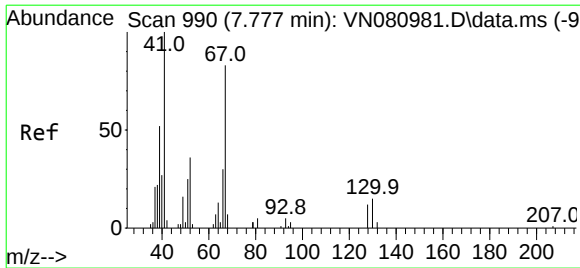
Reviewed By : John Carlone 04/29/2024
Supervised By : Semsettin Yesilyurt 05/14/2024



#34
Benzene
Concen: 103.878 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

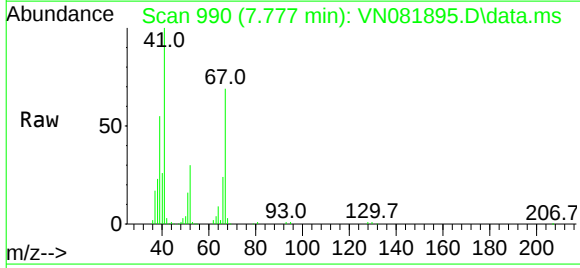
Tgt Ion: 78 Resp: 1243942
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 18.4 13.3 19.9





#35
Methacrylonitrile
Concen: 154.595 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

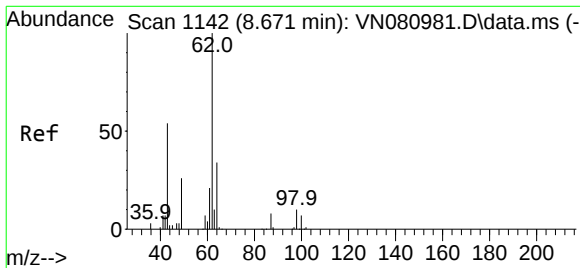
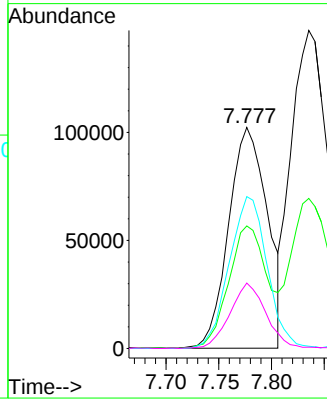
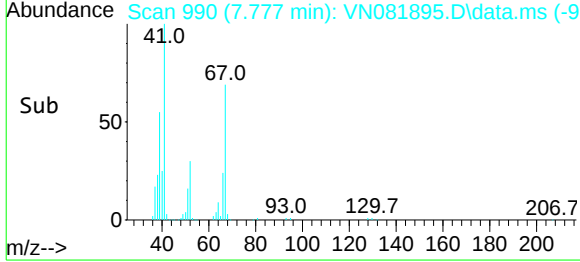
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 261250
Ion Ratio Lower Upper
41 100
39 55.6 25.3 75.9
67 68.8 38.7 116.1
52 29.7 13.6 40.8

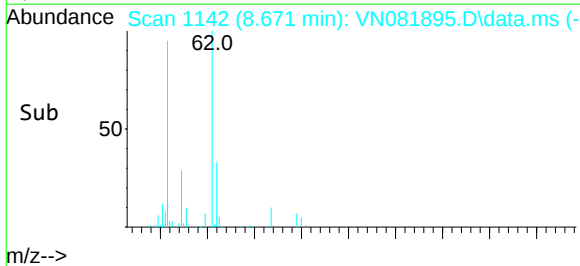
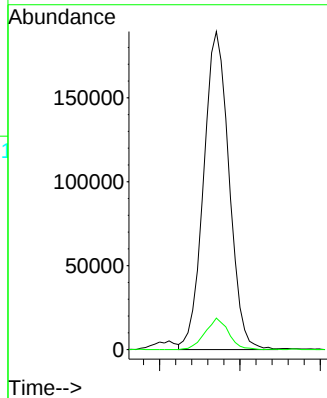
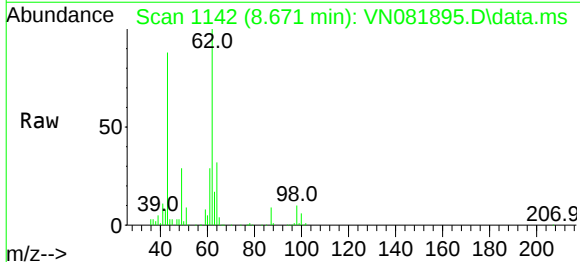
Manual Integrations
APPROVED

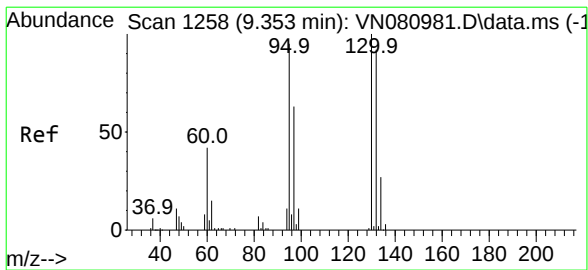
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#36
1,2-Dichloroethane
Concen: 103.660 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

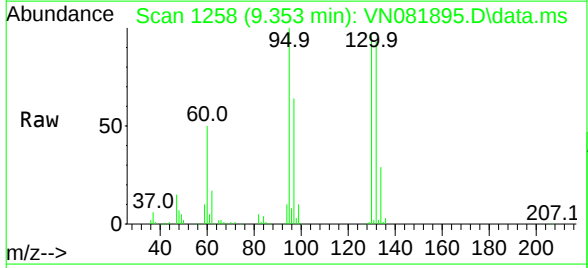
Tgt Ion: 62 Resp: 416597
Ion Ratio Lower Upper
62 100
98 9.1 8.2 12.4





#37
Trichloroethene
Concen: 90.044 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

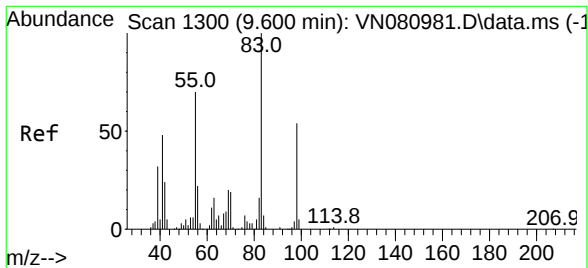
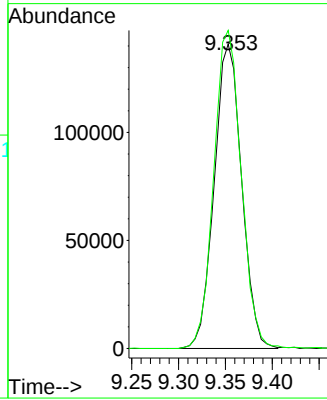
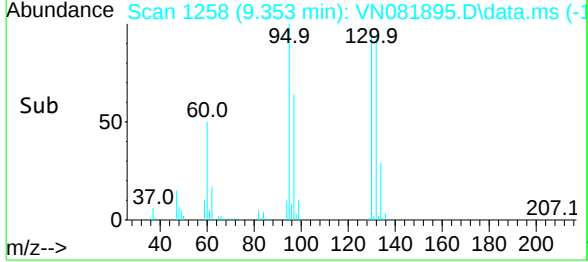
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:130 Resp: 286684
Ion Ratio Lower Upper
130 100
95 104.5 80.2 120.4

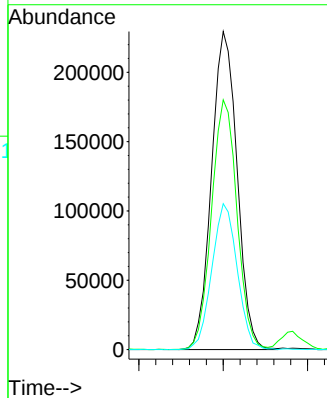
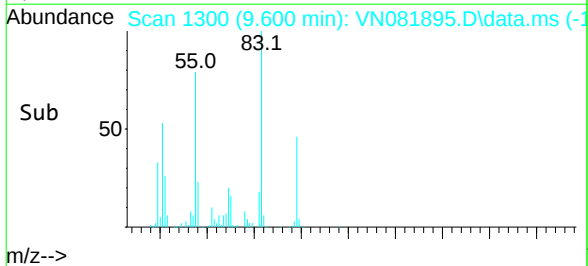
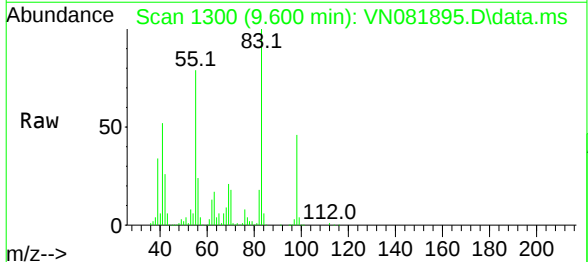
Manual Integrations
APPROVED

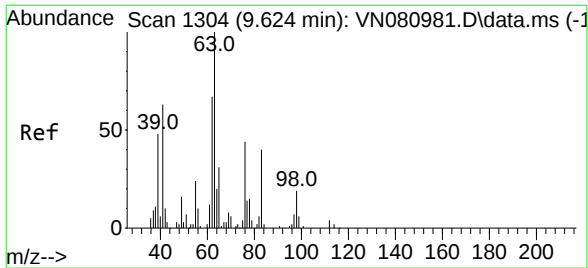
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#38
Methylcyclohexane
Concen: 123.592 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 83 Resp: 483336
Ion Ratio Lower Upper
83 100
55 78.2 36.6 109.9
98 45.5 23.8 71.5





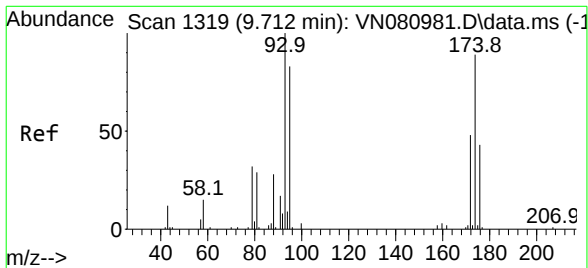
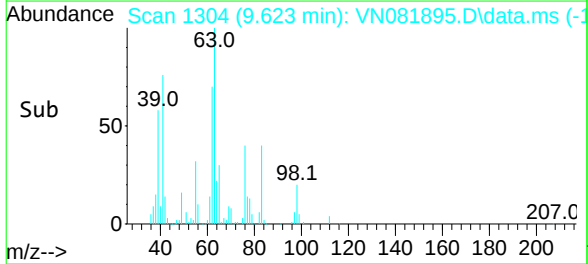
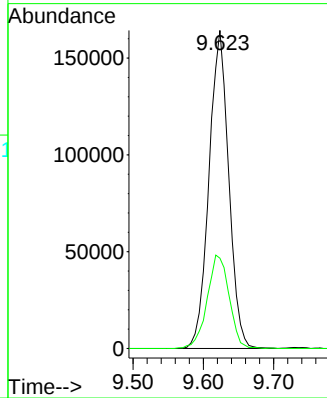
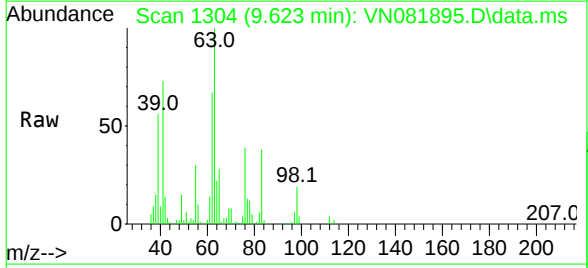
#39
1,2-Dichloropropane
Concen: 112.683 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 320066
Ion Ratio Lower Upper
63 100
65 28.4 25.0 37.4

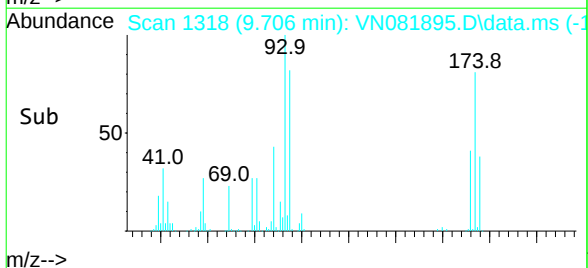
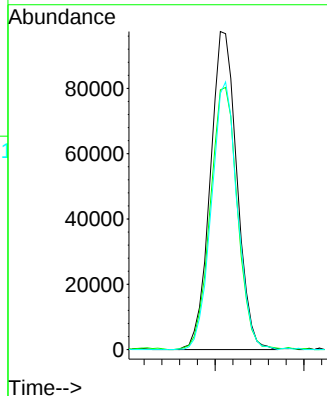
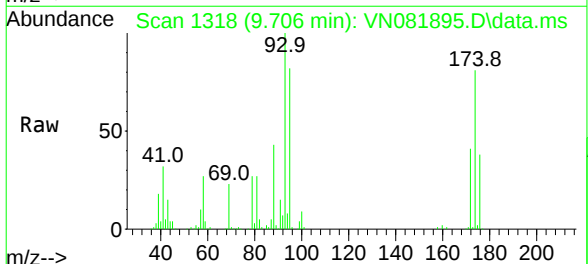
Manual Integrations
APPROVED

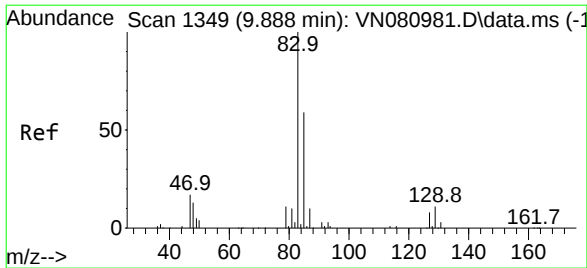
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#40
Dibromomethane
Concen: 93.986 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 93 Resp: 203103
Ion Ratio Lower Upper
93 100
95 83.8 0.0 164.6
174 81.7 0.0 193.2





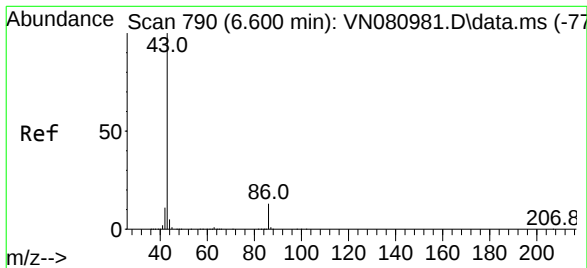
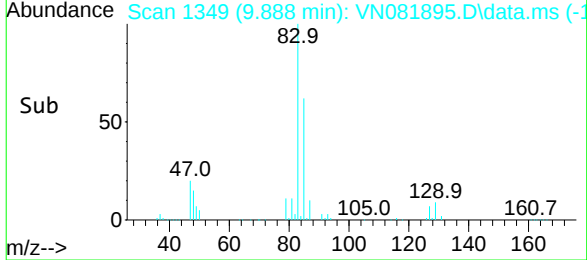
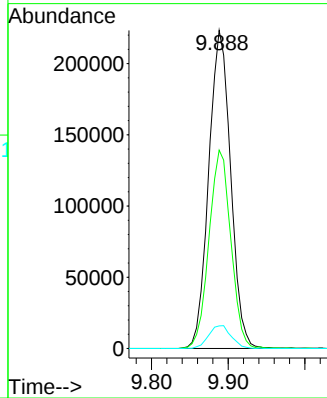
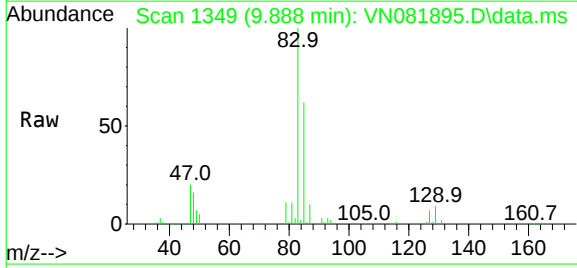
#41
Bromodichloromethane
Concen: 104.697 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 442796
Ion Ratio Lower Upper
83 100
85 62.4 49.4 74.2
127 7.1 7.3 10.9#

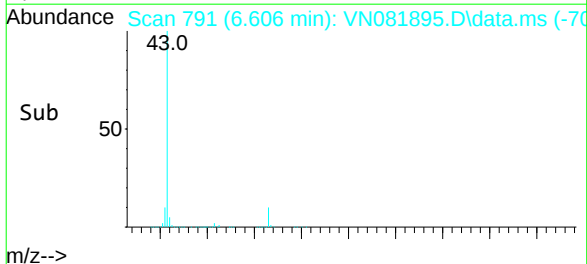
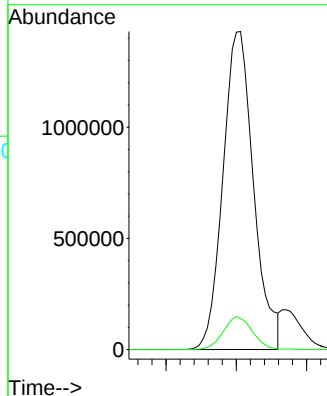
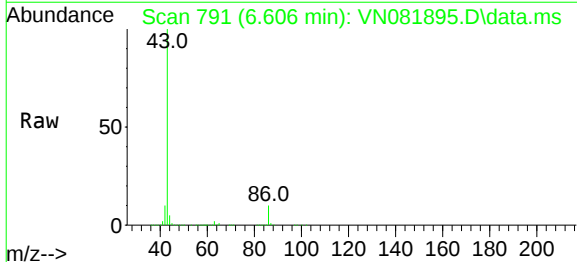
Manual Integrations
APPROVED

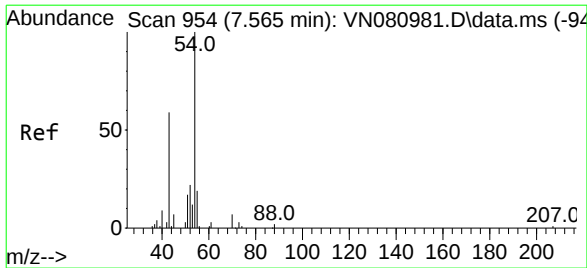
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#42
Vinyl Acetate
Concen: 703.682 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

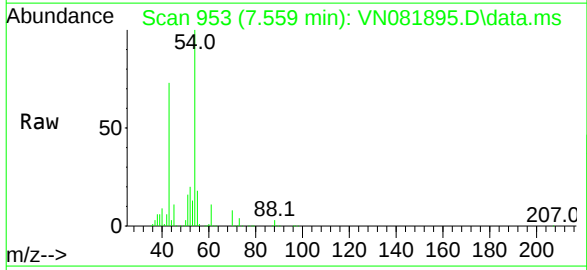
Tgt Ion: 43 Resp: 4327560
Ion Ratio Lower Upper
43 100
86 9.8 9.4 14.2





#43
Ethyl Acetate
Concen: 147.704 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

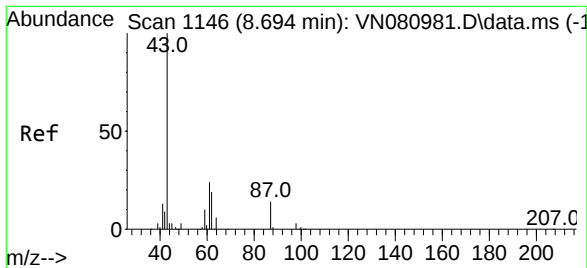
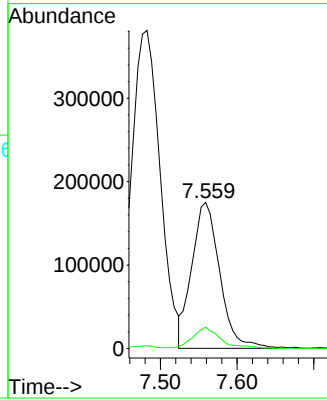
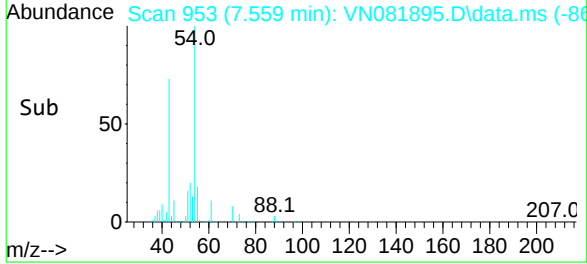
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 442317
Ion Ratio Lower Upper
43 100
45 14.6 10.6 15.8

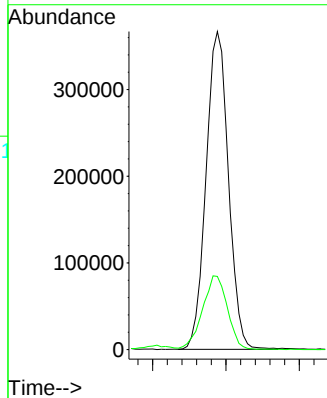
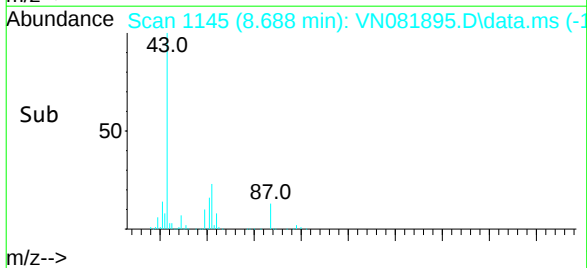
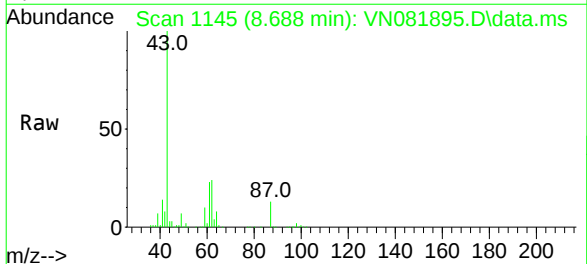
Manual Integrations
APPROVED

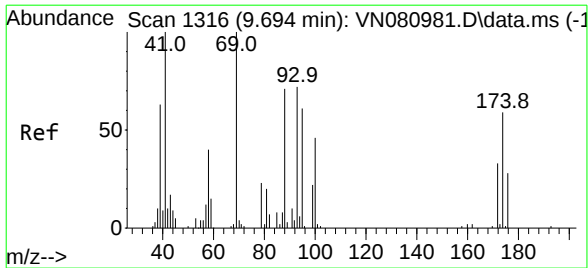
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#44
Isopropyl Acetate
Concen: 144.400 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

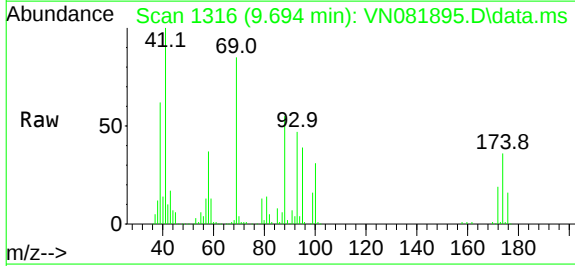
Tgt Ion: 43 Resp: 776967
Ion Ratio Lower Upper
43 100
61 25.8 25.0 37.4





#45
1,4-Dioxane
Concen: 2364.892 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

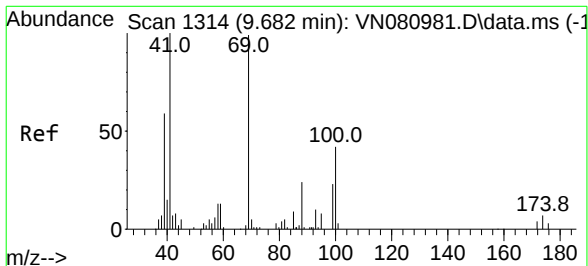
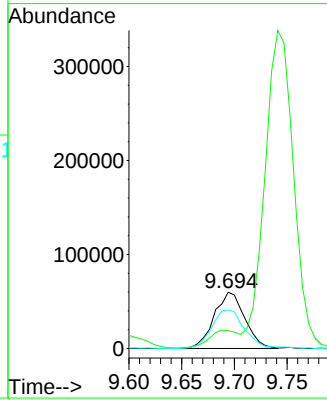
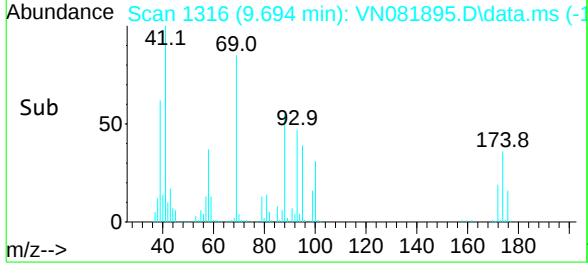
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 120682
Ion Ratio Lower Upper
88 100
43 30.9 19.8 29.6#
58 74.2 55.4 83.0

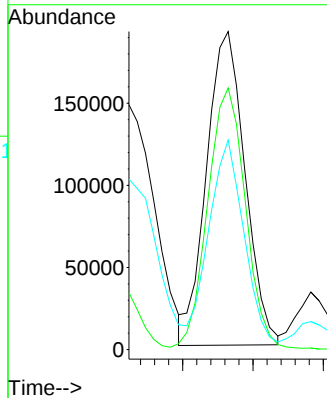
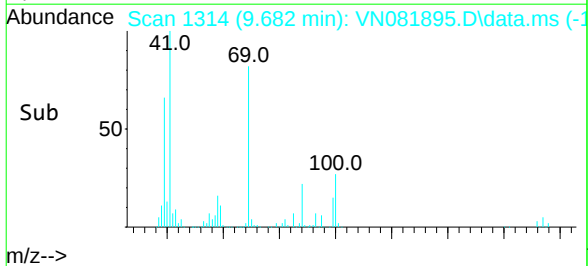
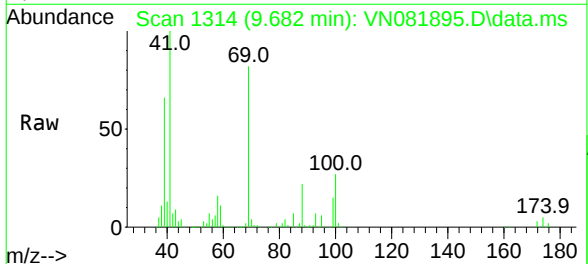
Manual Integrations
APPROVED

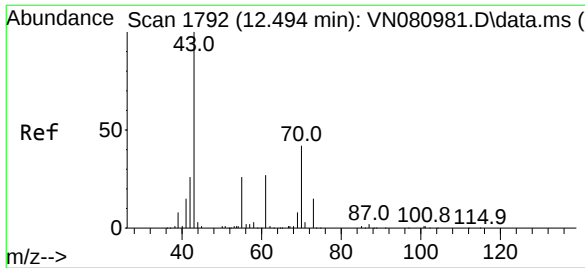
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#46
Methyl methacrylate
Concen: 147.769 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 41 Resp: 363807
Ion Ratio Lower Upper
41 100
69 84.3 51.1 153.3
39 66.3 25.8 77.3





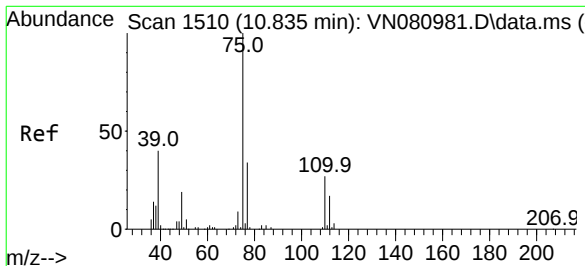
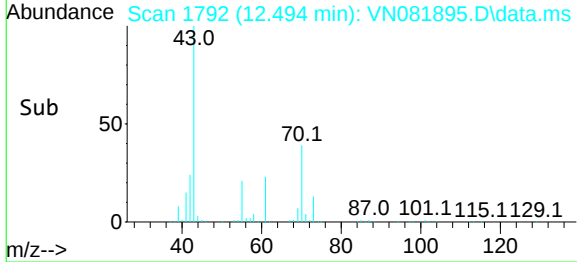
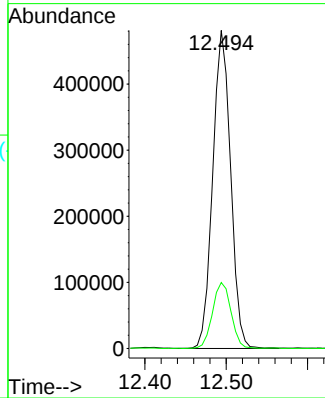
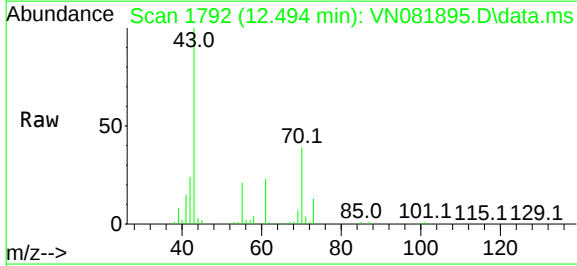
#47
n-amy1 Acetate
Concen: 156.562 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 734670
Ion Ratio Lower Upper
43 100
55 0.1 23.4 35.2#

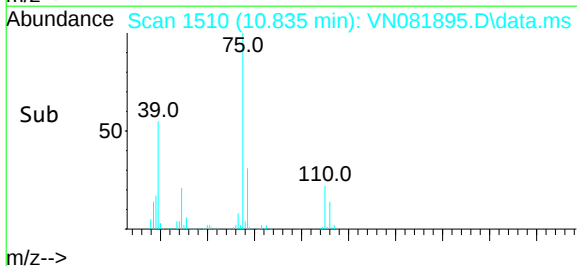
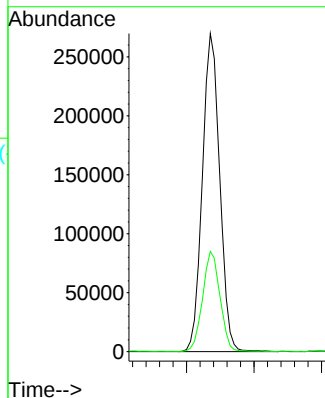
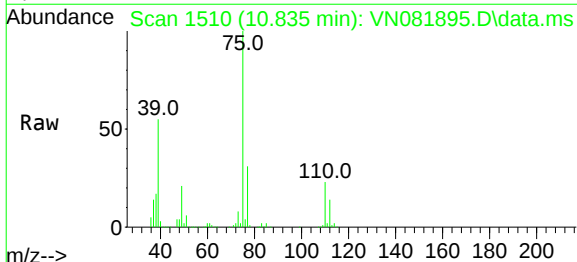
Manual Integrations
APPROVED

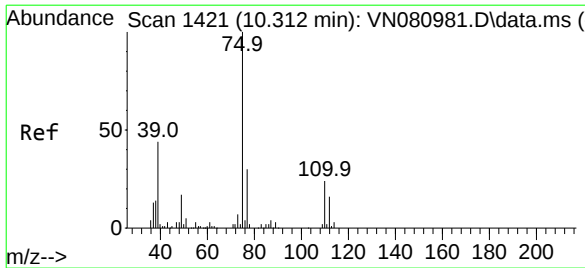
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#48
t-1,3-Dichloropropene
Concen: 108.779 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 75 Resp: 482170
Ion Ratio Lower Upper
75 100
77 31.4 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 107.447 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

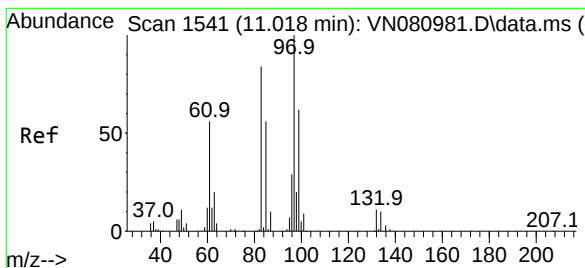
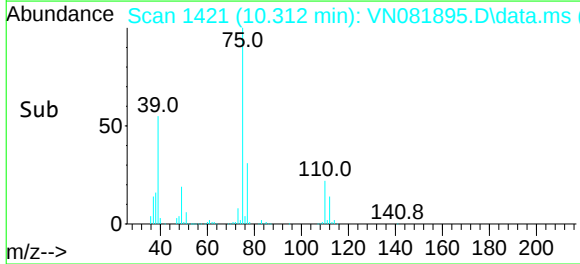
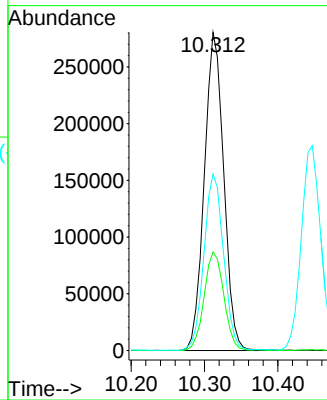
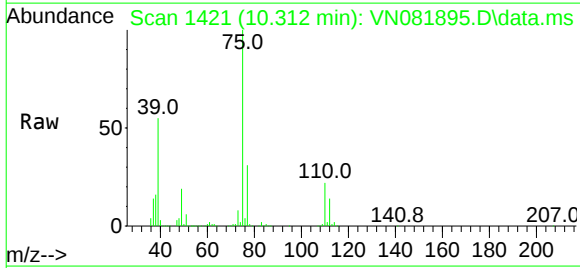
Tgt Ion: 75	Resp: 516066
Ion Ratio	Lower Upper
75 100	
77 31.0	24.9 37.3
39 55.4	31.0 46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#50

1,1,2-Trichloroethane

Concen: 93.521 ug/l

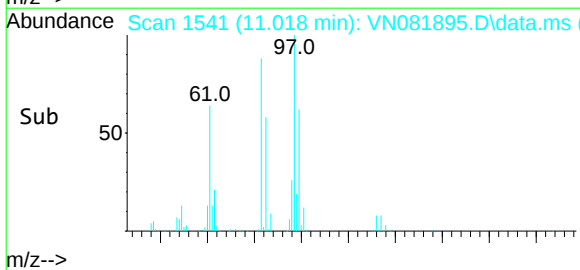
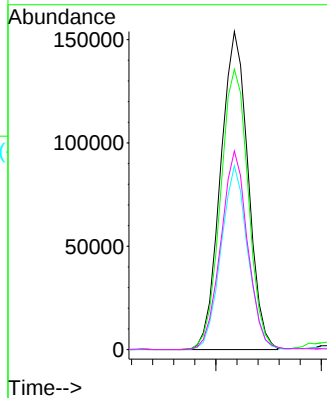
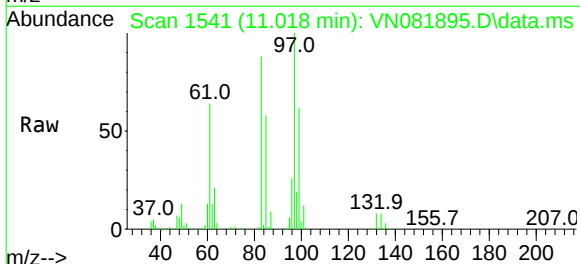
RT: 11.018 min Scan# 1541

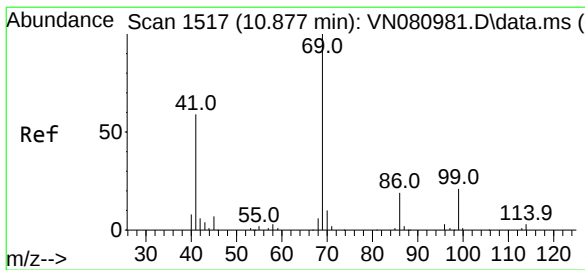
Delta R.T. -0.000 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

Tgt Ion: 97	Resp: 279639
Ion Ratio	Lower Upper
97 100	
83 88.1	68.1 102.1
85 57.8	41.8 62.6
99 62.4	47.0 70.4





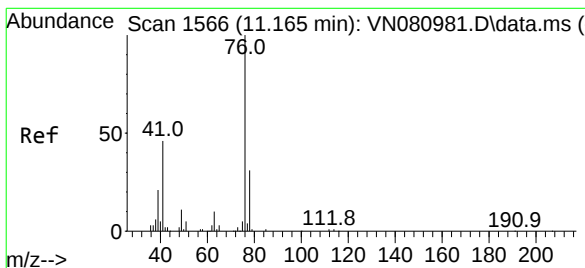
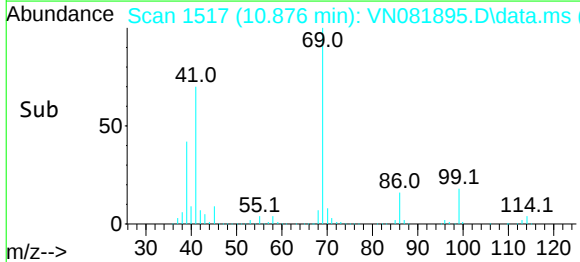
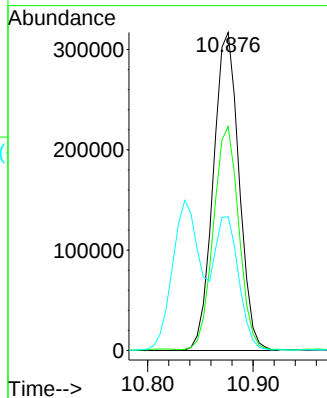
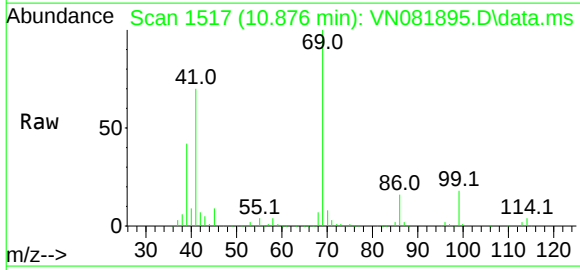
#51
Ethyl methacrylate
Concen: 128.753 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	25.5	76.5
39	41.8	16.0	47.9

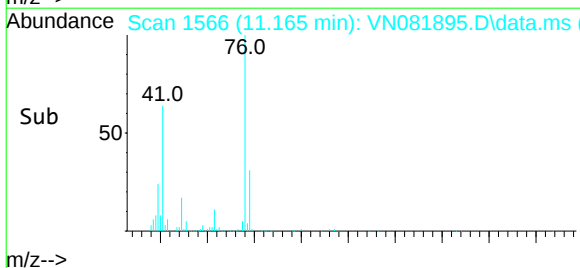
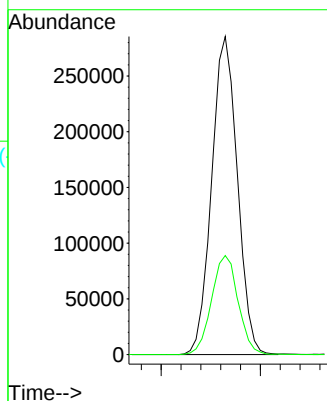
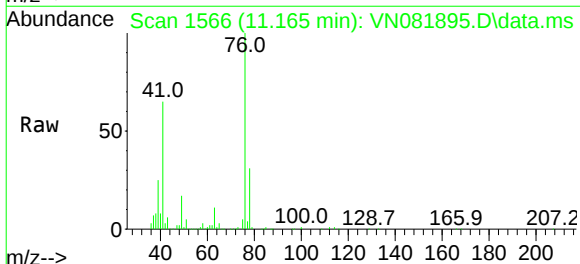
Manual Integrations
APPROVED

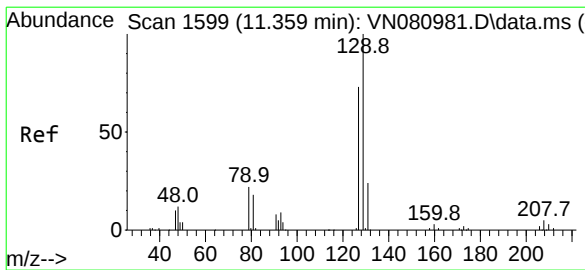
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
1,3-Dichloropropane
Concen: 104.144 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	65.8





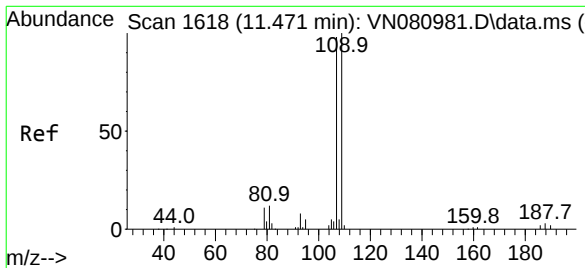
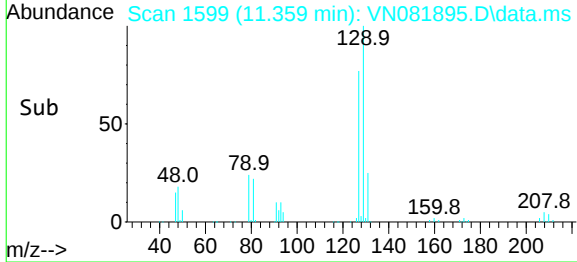
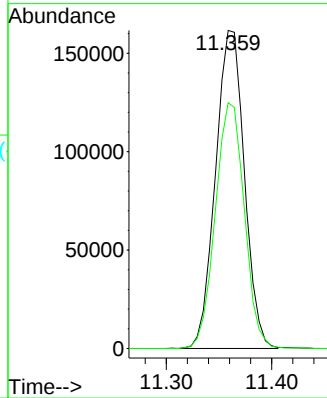
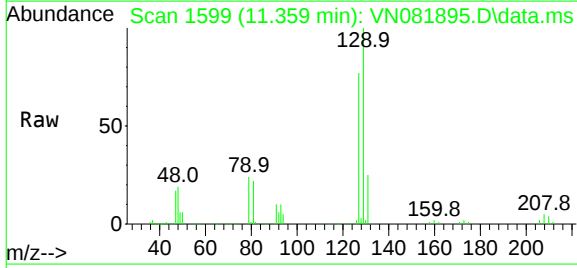
#53
Dibromochloromethane
Concen: 94.394 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:129 Resp: 307633
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1

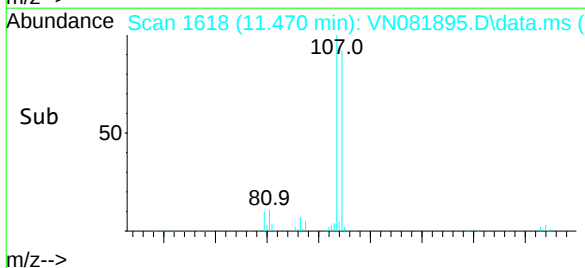
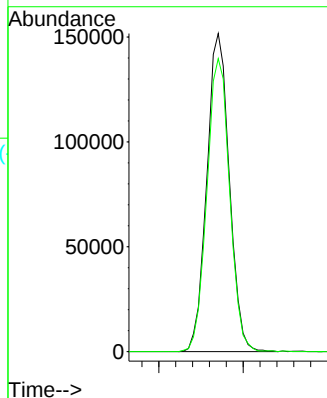
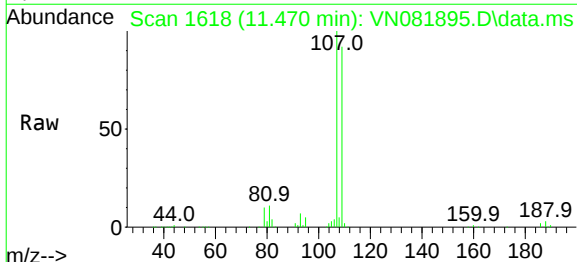
Manual Integrations
APPROVED

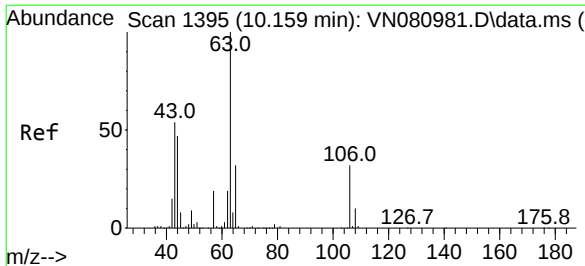
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
1,2-Dibromoethane
Concen: 90.808 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

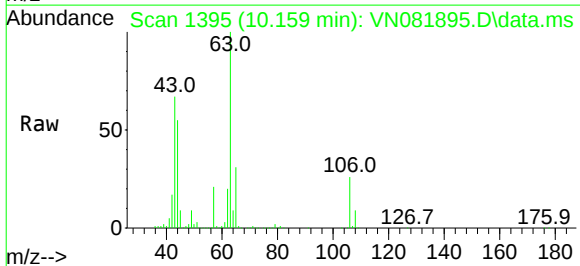
Tgt Ion:107 Resp: 280910
Ion Ratio Lower Upper
107 100
109 93.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 608.861 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

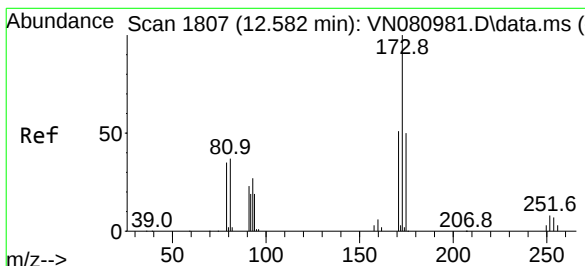
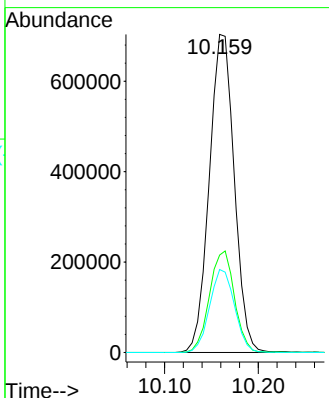
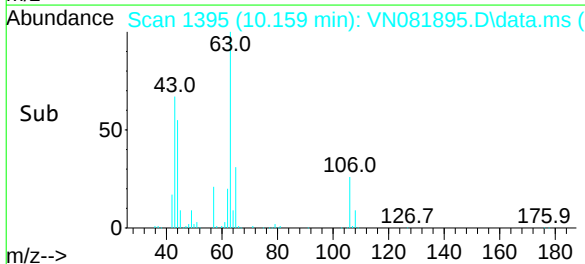
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



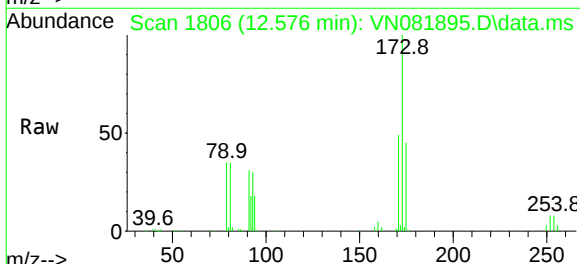
Tgt Ion: 63 Resp: 1303945
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 26.1 23.8 35.8

Manual Integrations
APPROVED

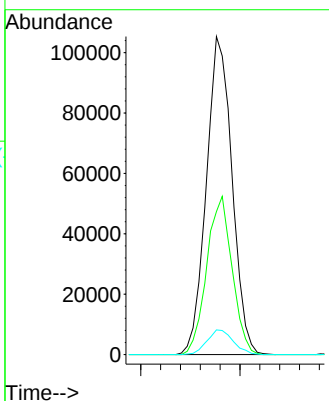
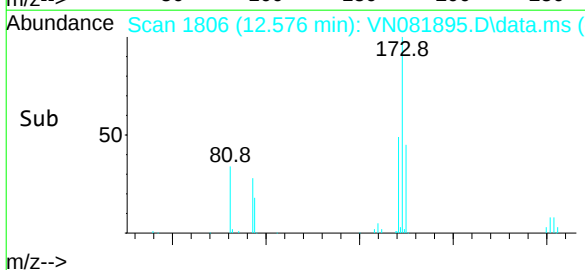
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

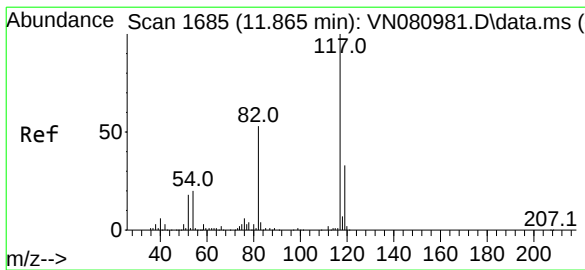


#56
Bromoform
Concen: 91.399 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10



Tgt Ion:173 Resp: 189709
Ion Ratio Lower Upper
173 100
175 49.0 40.0 60.0
254 8.0 8.3 12.5#





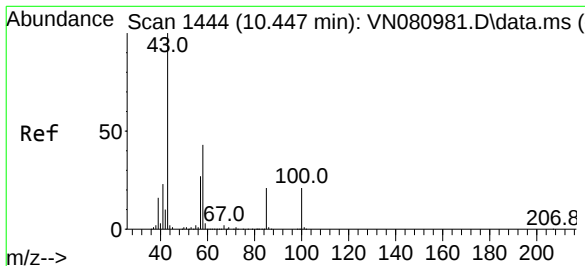
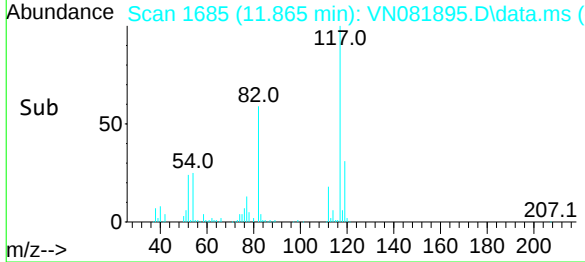
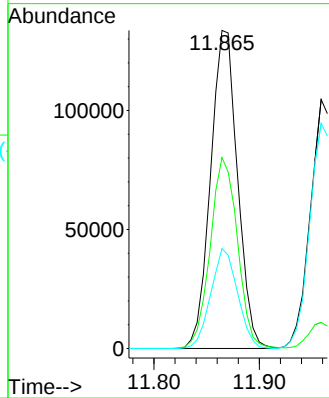
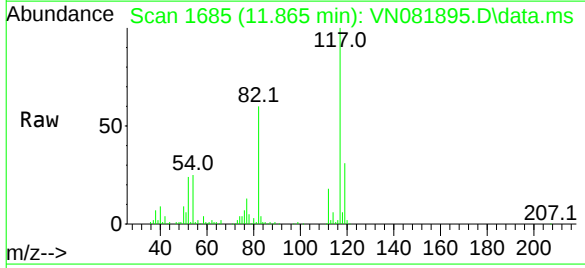
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:	117	Resp:	237419
Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.6	69.8
119	31.2	25.4	38.2

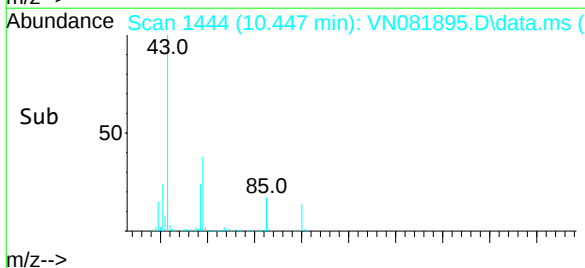
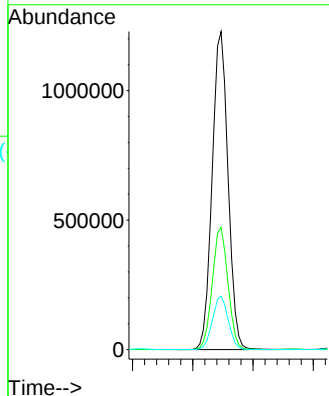
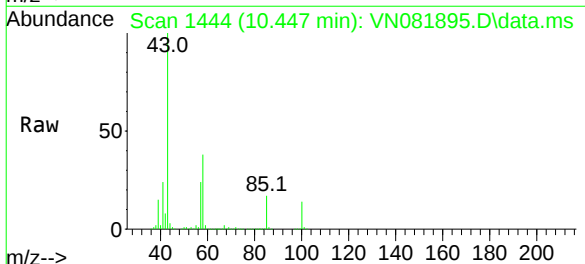
Manual Integrations
APPROVED

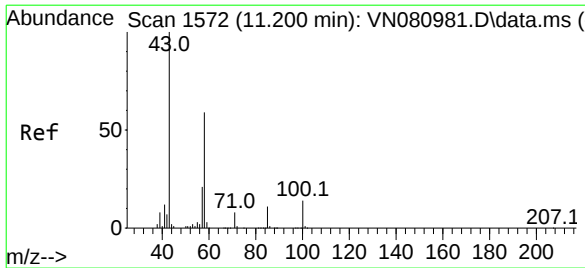
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#58
4-Methyl-2-Pentanone
Concen: 729.921 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion:	43	Resp:	2249876
Ion	Ratio	Lower	Upper
43	100		
58	37.9	36.5	54.7
85	16.7	19.5	29.3





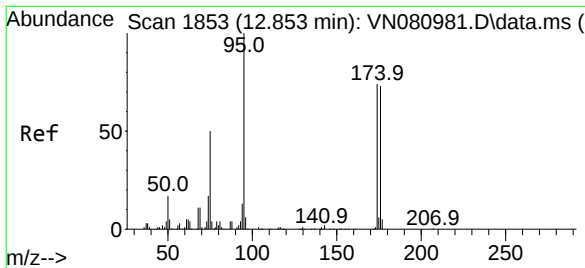
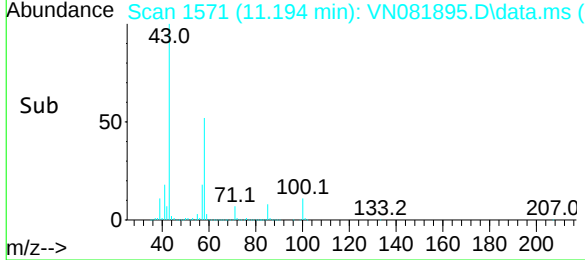
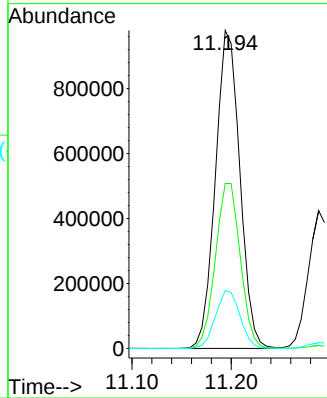
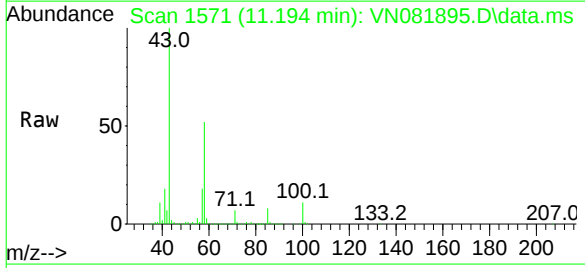
#59
2-Hexanone
Concen: 738.956 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1675268
Ion Ratio Lower Upper
43 100
58 52.9 50.4 75.6
57 18.3 18.6 27.8#

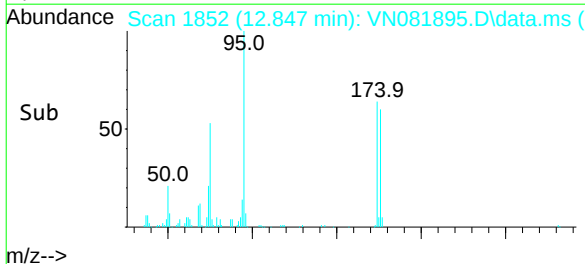
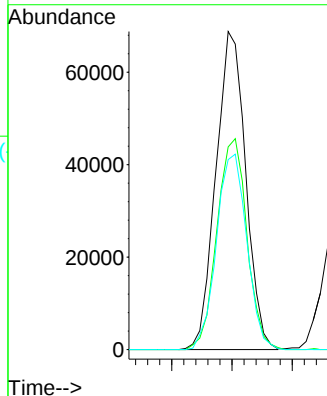
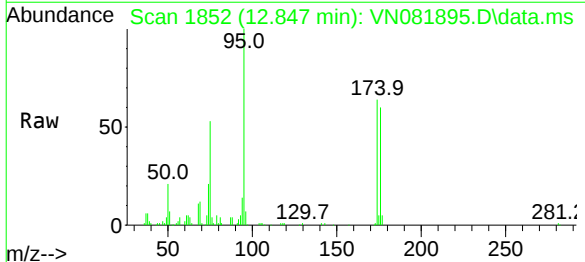
Manual Integrations
APPROVED

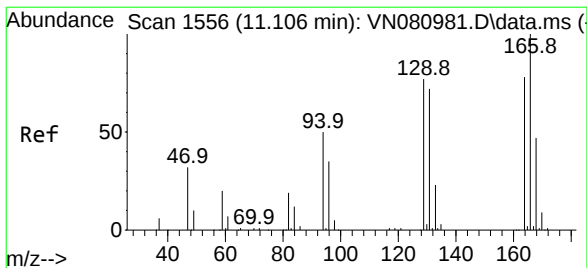
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#60
4-Bromofluorobenzene
Concen: 32.525 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

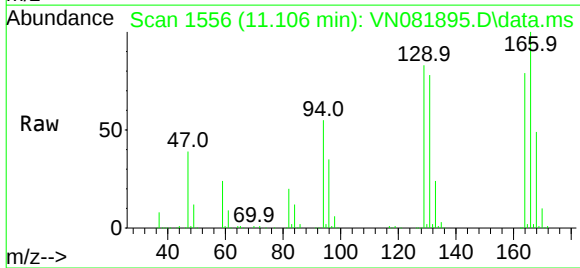
Tgt Ion: 95 Resp: 118054
Ion Ratio Lower Upper
95 100
174 66.9 60.5 90.7
176 62.6 57.8 86.6





#61
Tetrachloroethene
Concen: 93.558 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

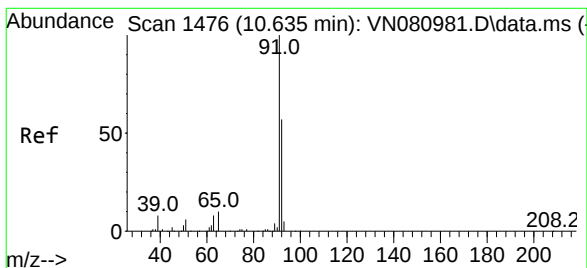
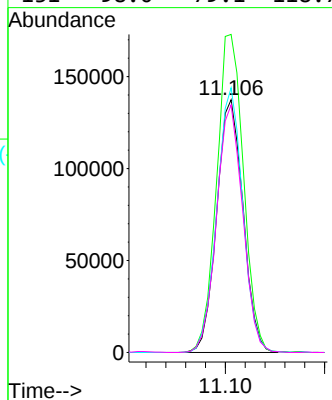
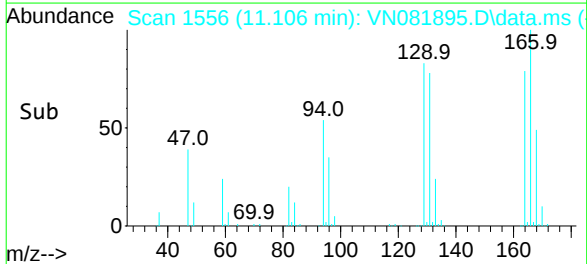
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 253729
Ion Ratio Lower Upper
164 100
166 125.9 106.7 160.1
129 104.8 85.8 128.6
131 98.0 79.1 118.7

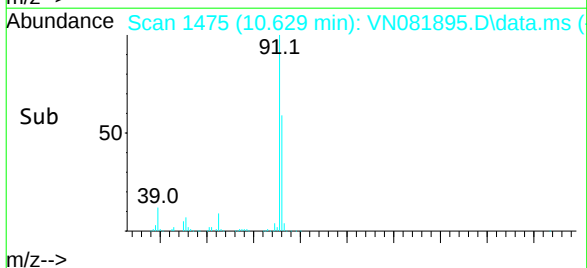
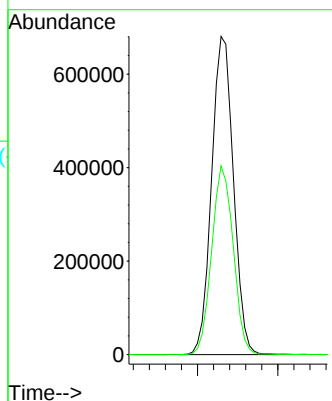
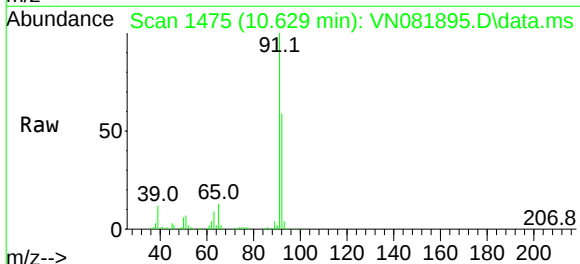
Manual Integrations
APPROVED

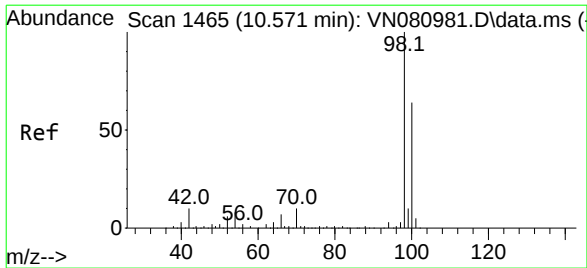
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
Toluene
Concen: 98.738 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 91 Resp: 1284132
Ion Ratio Lower Upper
91 100
92 58.4 46.5 69.7





#63

Toluene-d8

Concen: 30.765 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 98 Resp: 327785

Ion Ratio Lower Upper

98 100

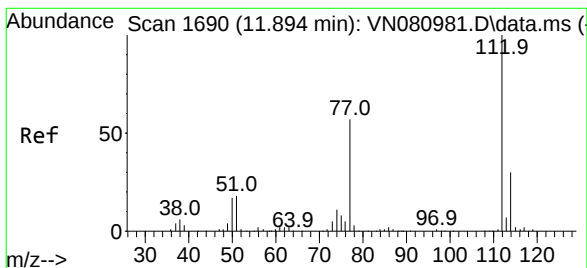
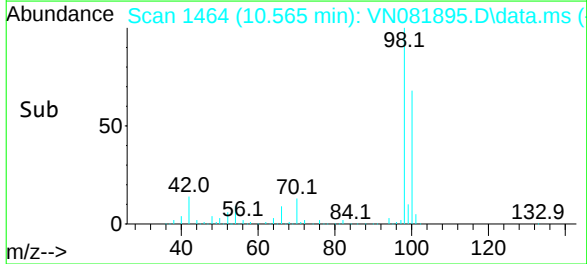
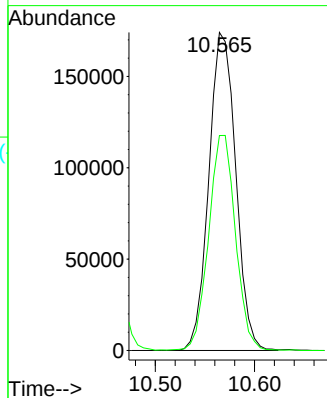
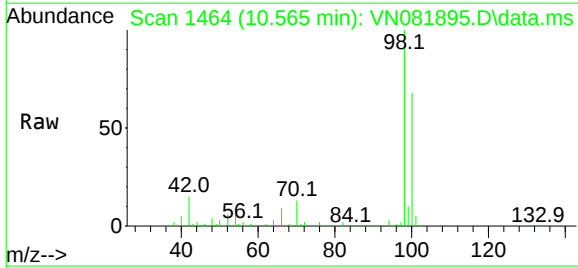
100 67.7 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#64

Chlorobenzene

Concen: 100.300 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN081895.D

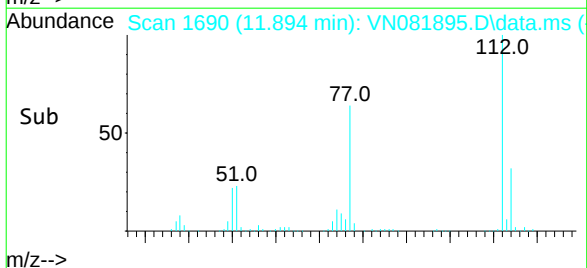
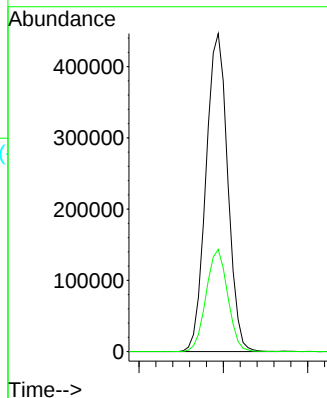
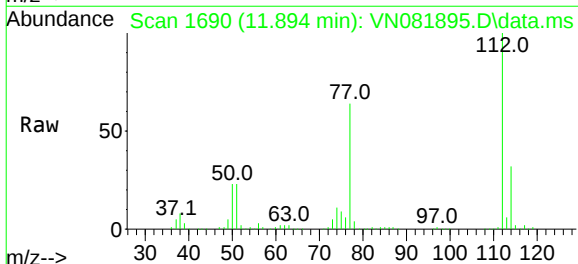
Acq: 27 Apr 2024 01:10

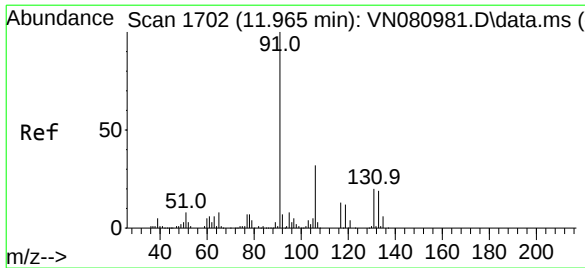
Tgt Ion:112 Resp: 798933

Ion Ratio Lower Upper

112 100

114 32.1 26.6 39.8





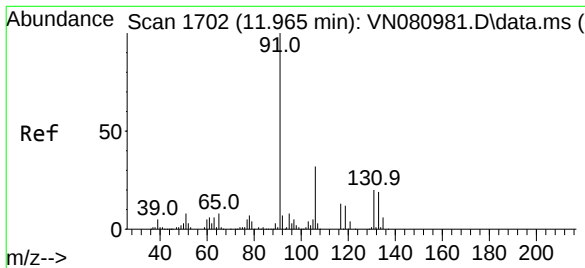
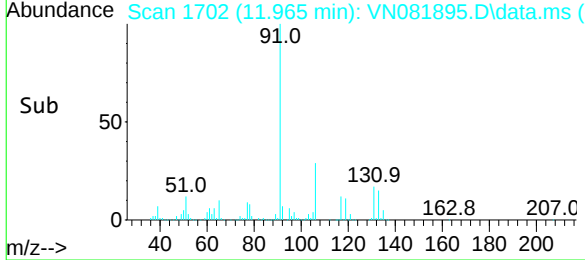
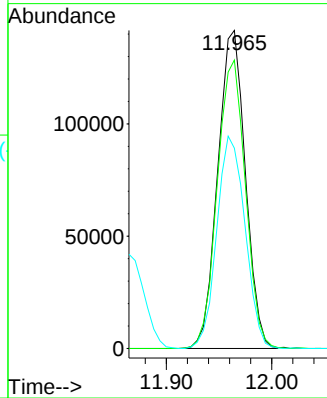
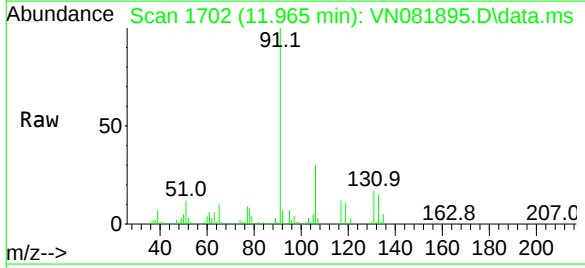
#65
1,1,1,2-Tetrachloroethane
Concen: 87.289 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 257910
Ion Ratio Lower Upper
131 100
133 92.5 0.0 188.0
119 68.4 0.0 122.8

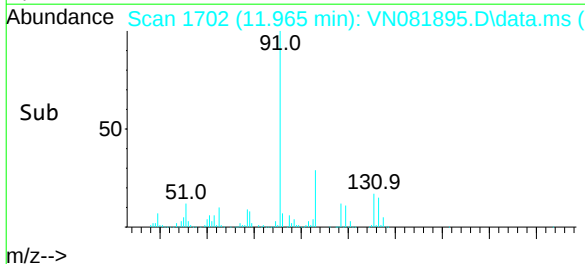
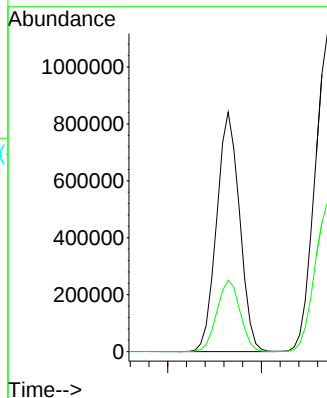
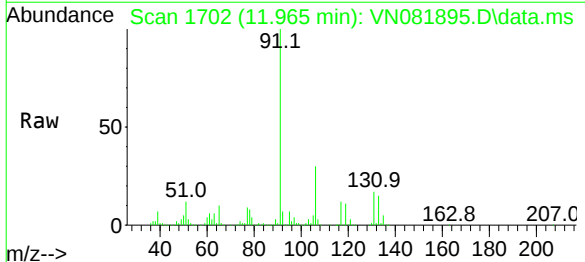
Manual Integrations
APPROVED

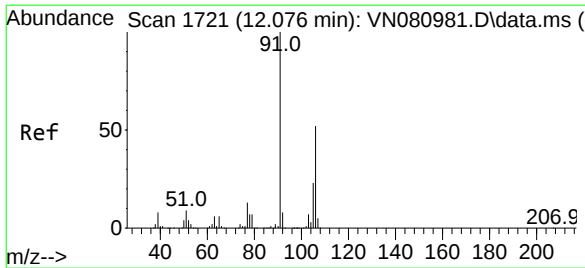
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#66
Ethyl Benzene
Concen: 104.673 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

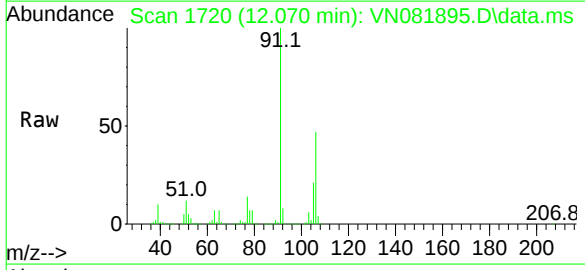
Tgt Ion: 91 Resp: 1431353
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6





#67
m/p-Xylenes
Concen: 196.463 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

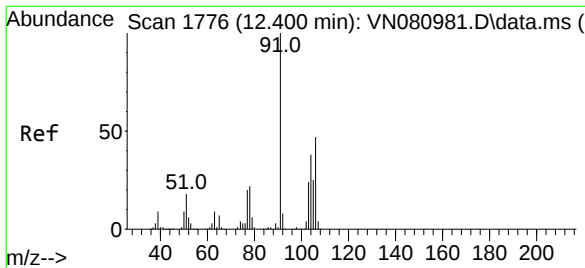
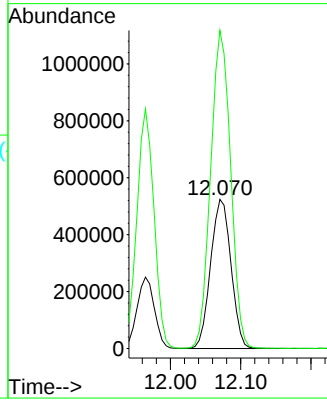
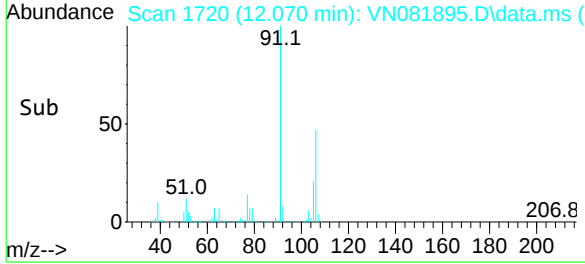
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:106 Resp: 1055032
Ion Ratio Lower Upper
106 100
91 209.3 166.6 249.8

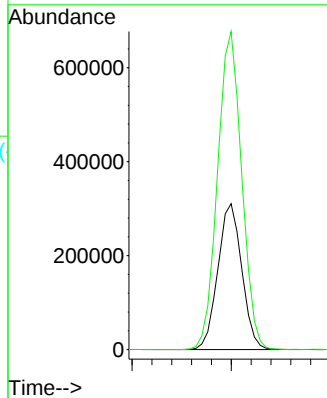
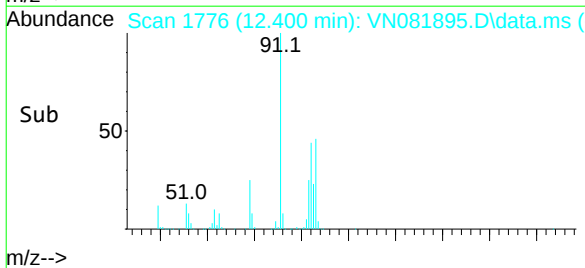
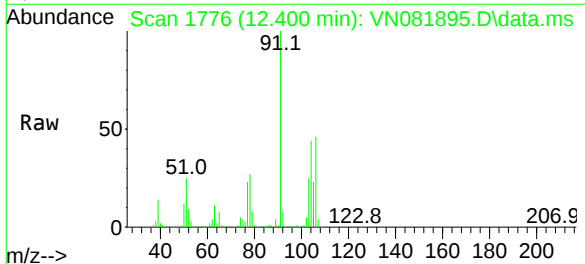
Manual Integrations
APPROVED

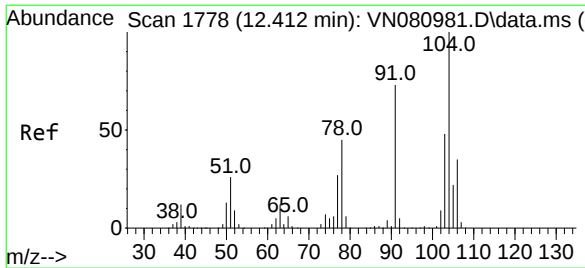
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#68
o-Xylene
Concen: 98.945 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion:106 Resp: 520718
Ion Ratio Lower Upper
106 100
91 220.2 110.0 330.0





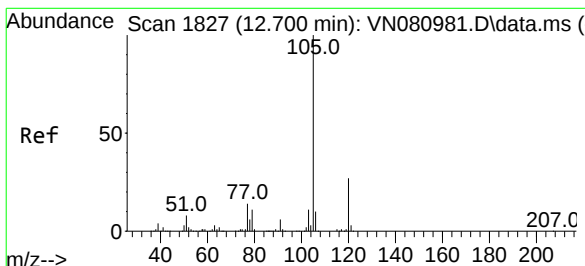
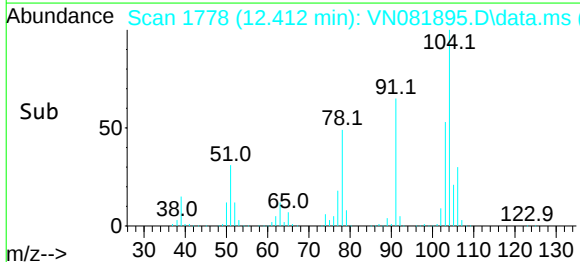
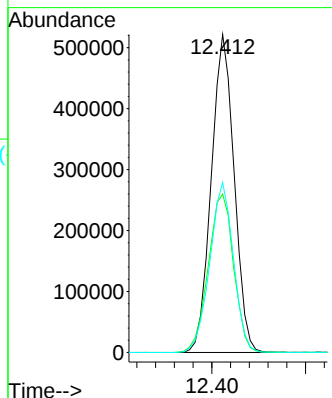
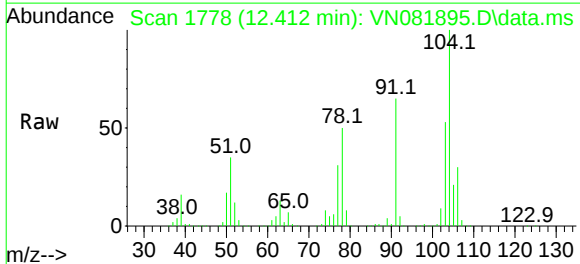
#69
Styrene
Concen: 102.066 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.1	42.6	64.0
103	55.2	43.7	65.5

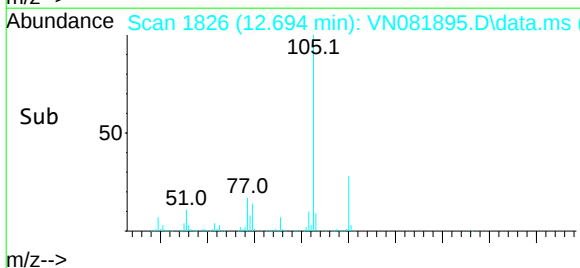
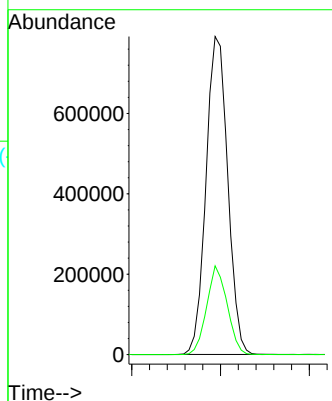
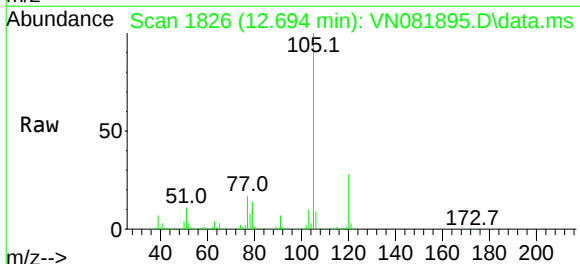
Manual Integrations
APPROVED

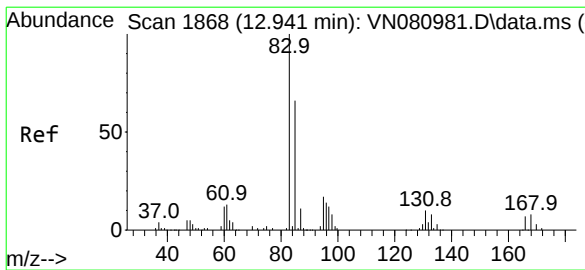
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#70
Isopropylbenzene
Concen: 104.690 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	17.8	33.1





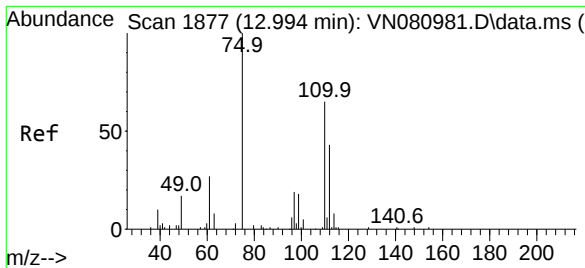
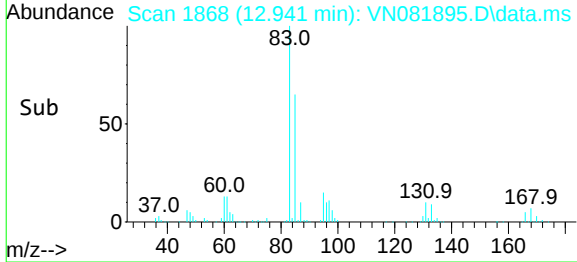
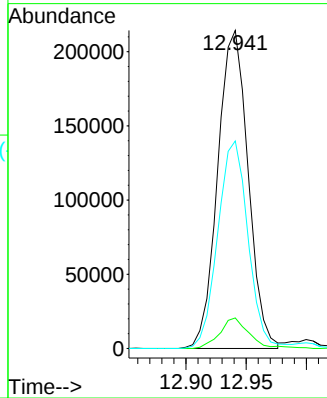
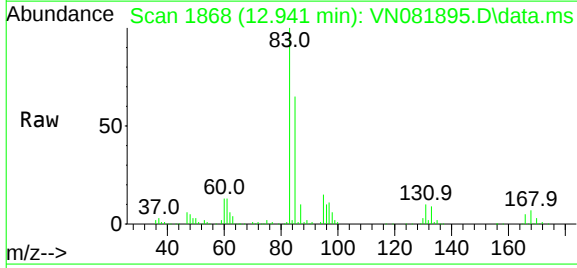
#71
1,1,2,2-Tetrachloroethane
Concen: 95.189 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.9	5.2	15.6
85	65.0	32.3	96.8

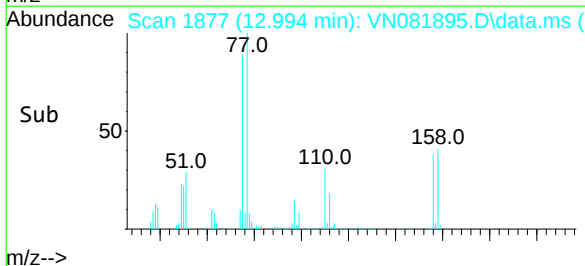
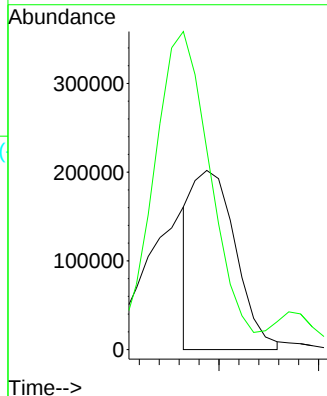
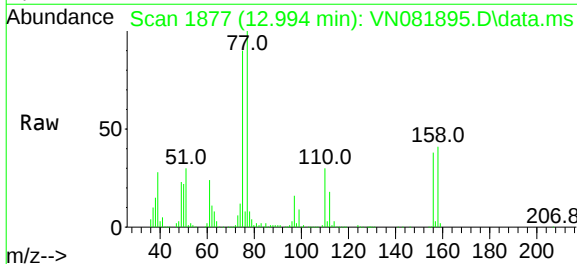
Manual Integrations
APPROVED

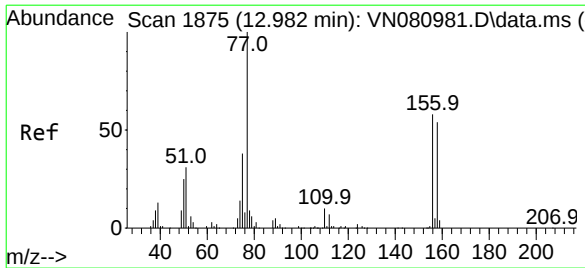
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#72
1,2,3-Trichloropropane
Concen: 99.281 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	232.7	0.0	367.6





#73

Bromobenzene

Concen: 87.636 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 279506

Ion Ratio Lower Upper

156 100

77 255.9 0.0 437.6

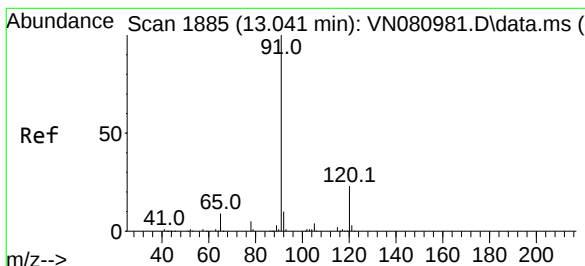
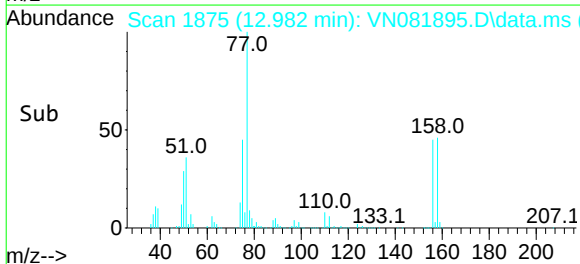
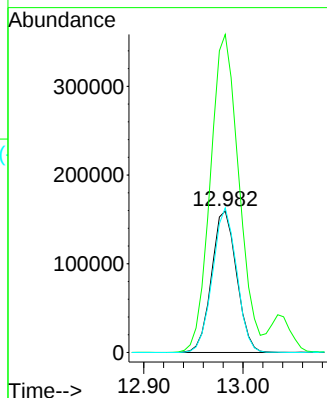
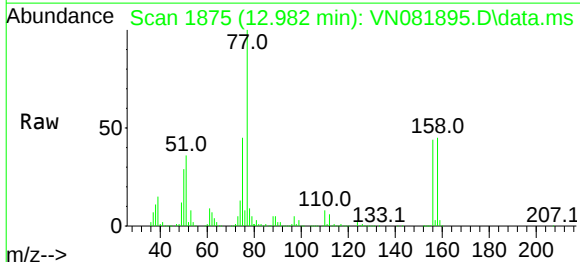
158 98.3 0.0 203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#74

n-propylbenzene

Concen: 111.188 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN081895.D

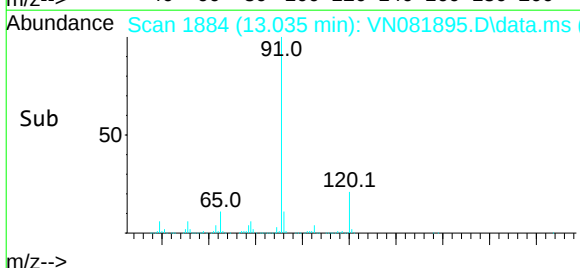
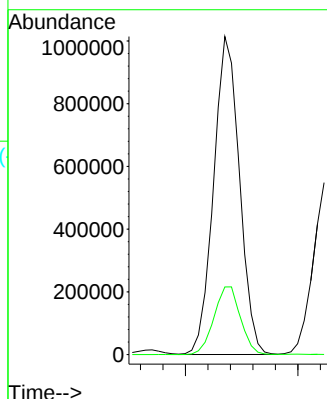
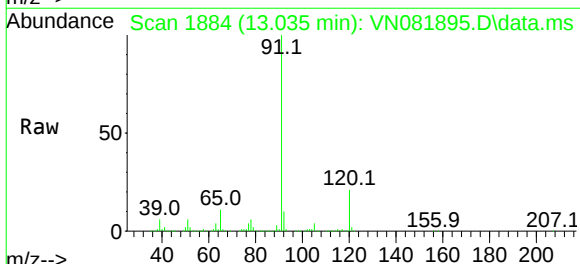
Acq: 27 Apr 2024 01:10

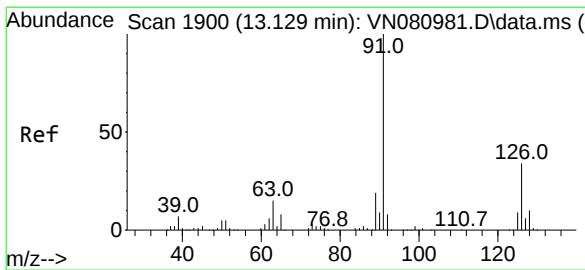
Tgt Ion: 91 Resp: 1620676

Ion Ratio Lower Upper

91 100

120 21.8 0.0 43.8





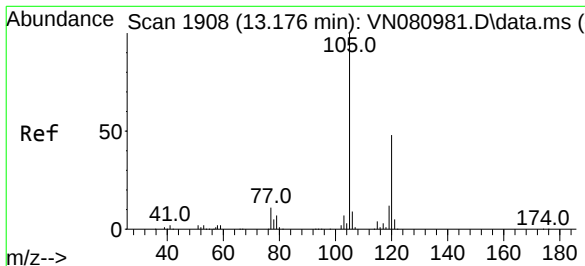
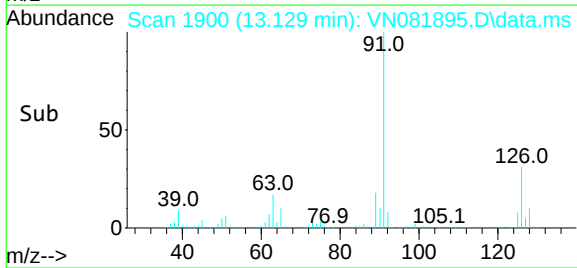
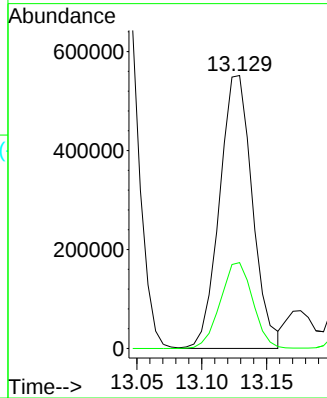
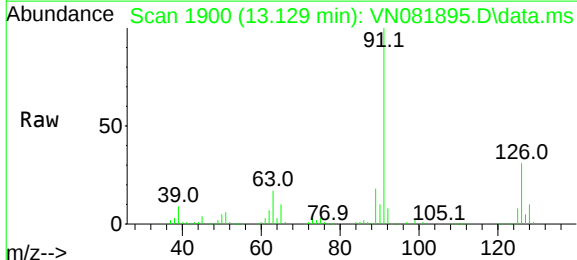
#75
2-Chlorotoluene
Concen: 107.722 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 974730
Ion Ratio Lower Upper
91 100
126 31.0 0.0 61.2

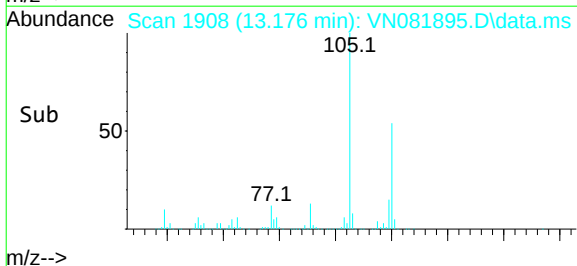
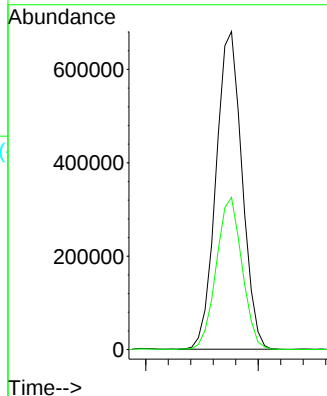
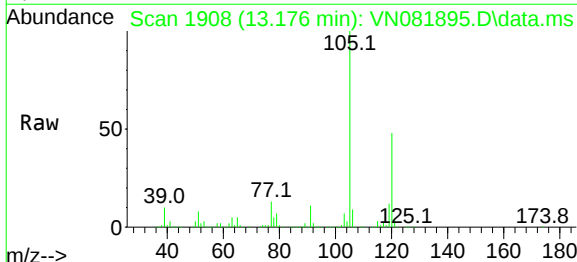
Manual Integrations
APPROVED

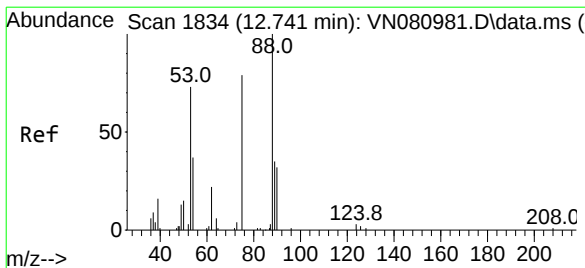
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#76
1,3,5-Trimethylbenzene
Concen: 104.304 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion:105 Resp: 1094557
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.8





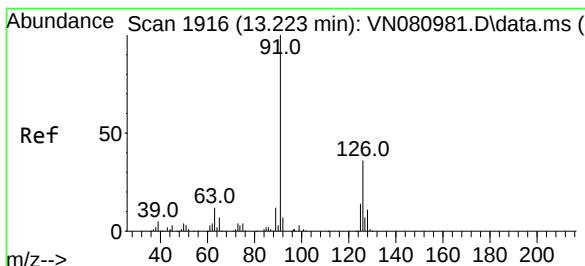
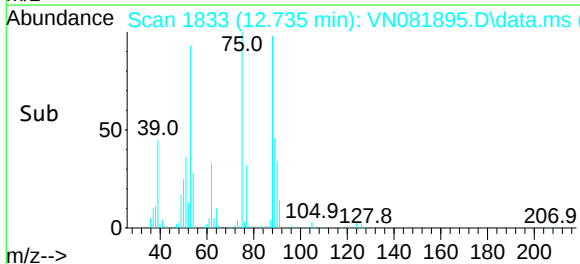
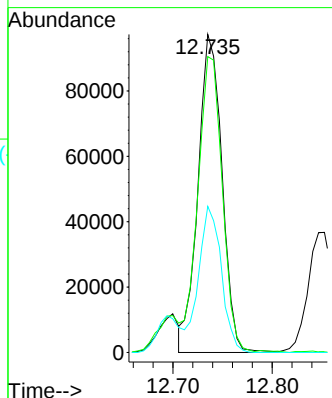
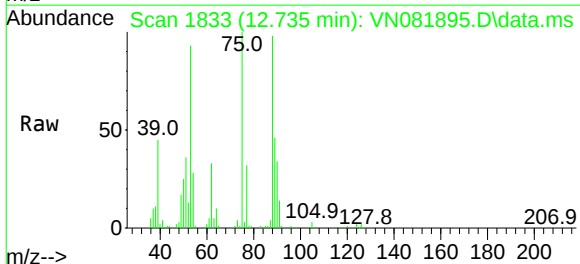
#77
t-1,4-Dichloro-2-butene
Concen: 139.548 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 163488
Ion Ratio Lower Upper
75 100
53 92.8 45.9 137.7
89 46.0 25.9 77.7

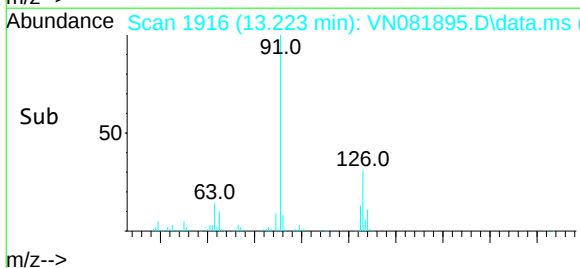
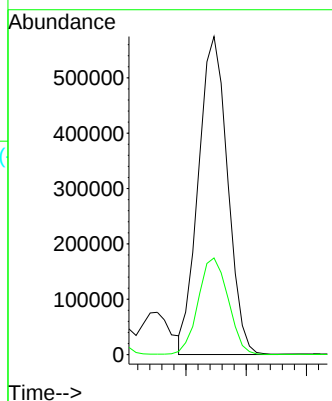
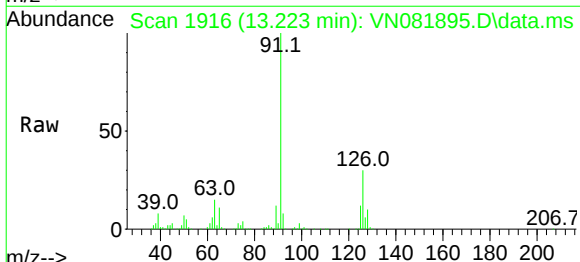
Manual Integrations
APPROVED

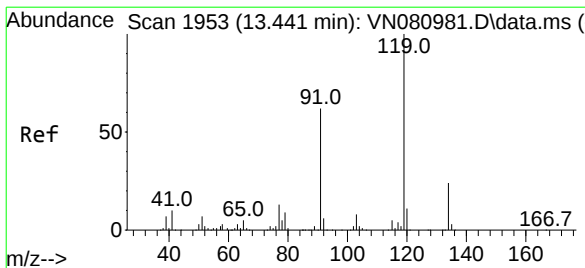
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#78
4-Chlorotoluene
Concen: 106.854 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion: 91 Resp: 968395
Ion Ratio Lower Upper
91 100
126 31.1 0.0 62.8





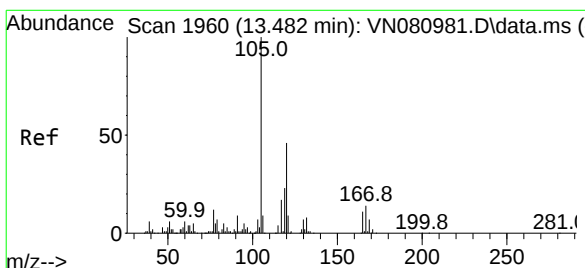
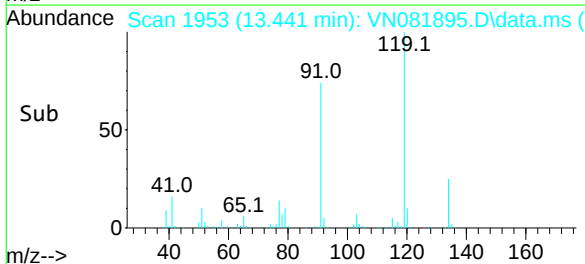
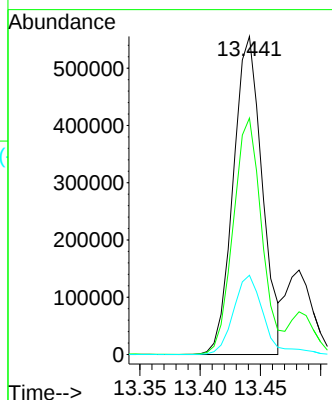
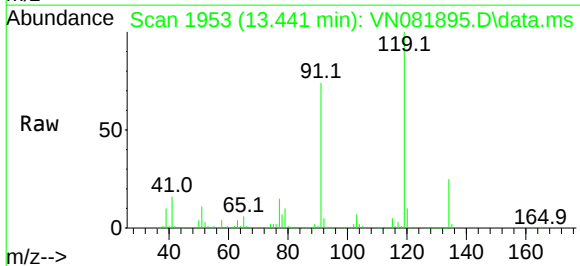
#79
tert-butylbenzene
Concen: 106.693 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 929427
Ion Ratio Lower Upper
119 100
91 73.7 0.0 138.8
134 26.0 0.0 48.6

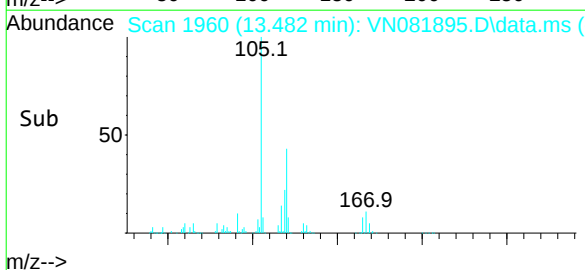
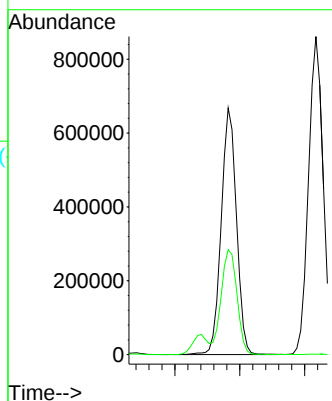
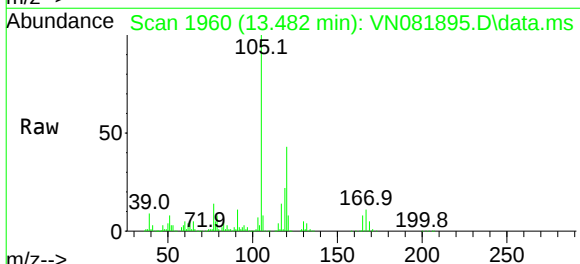
Manual Integrations
APPROVED

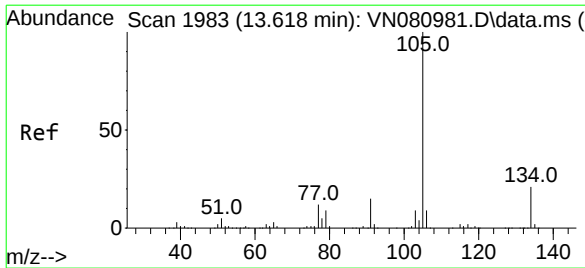
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#80
1,2,4-Trimethylbenzene
Concen: 104.327 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion:105 Resp: 1090823
Ion Ratio Lower Upper
105 100
120 44.5 0.0 86.8





#81
sec-Butylbenzene
Concen: 109.906 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :

MSVOA_N

ClientSampleId :

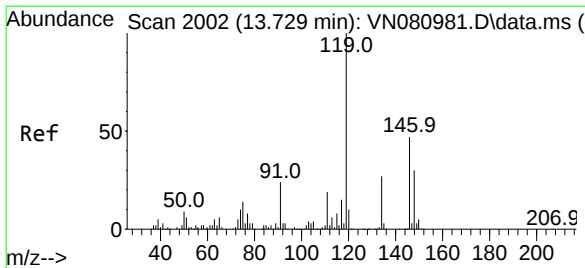
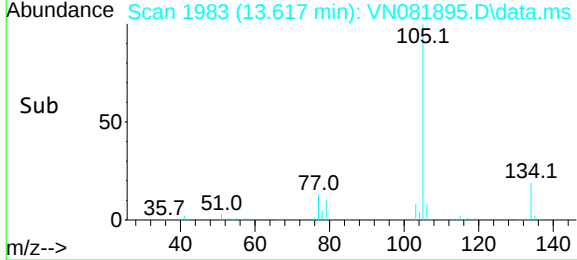
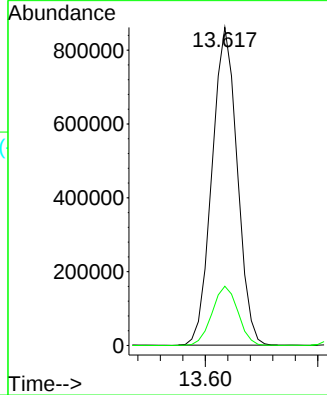
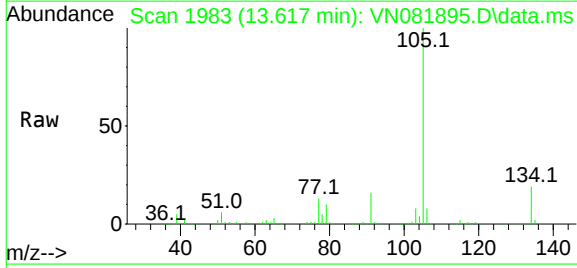
VSTDICC100

Tgt Ion:105 Resp: 1340737
Ion Ratio Lower Upper
105 100
134 19.1 0.0 39.0

Manual Integrations

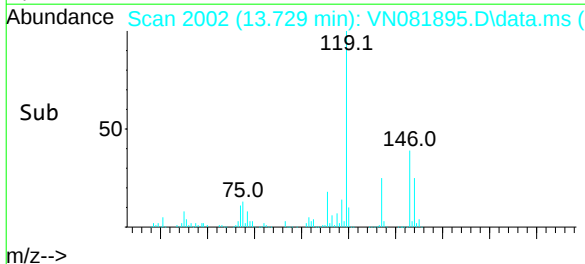
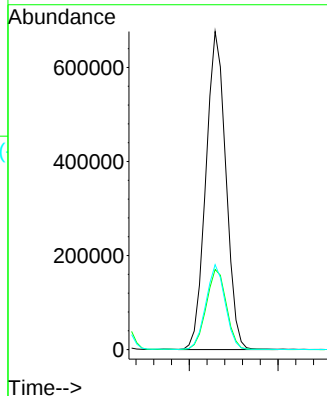
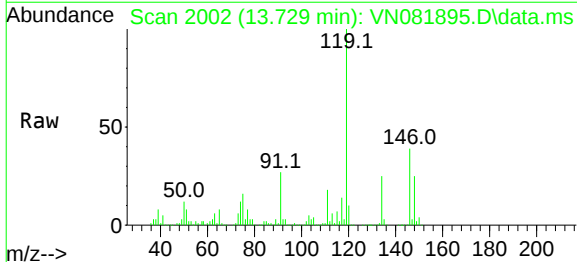
APPROVED

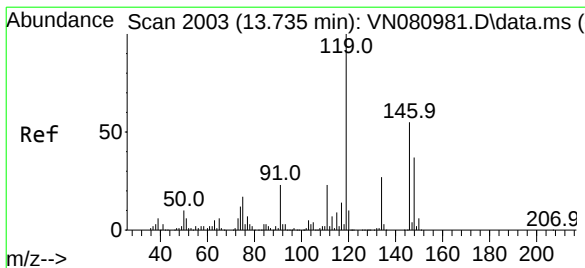
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#82
p-Isopropyltoluene
Concen: 103.412 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

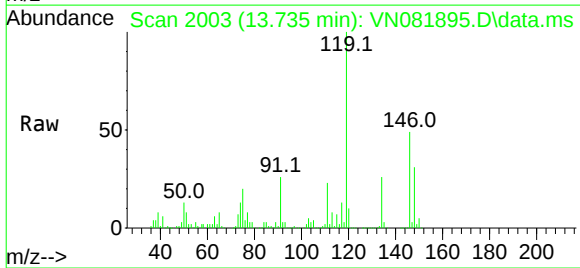
Tgt Ion:119 Resp: 1059075
Ion Ratio Lower Upper
119 100
134 25.4 0.0 49.2
91 25.6 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 87.417 ug/l
RT: 13.735 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

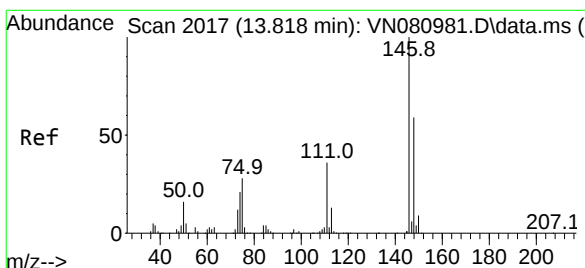
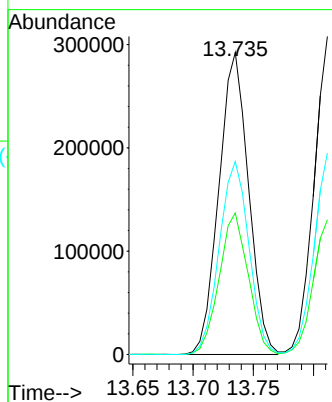
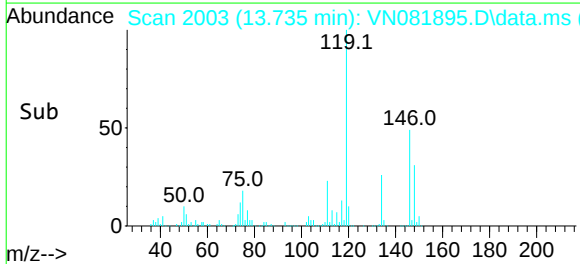
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



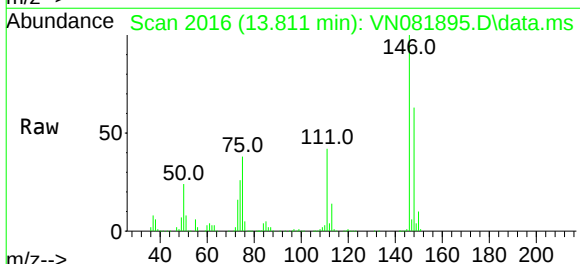
Tgt Ion:146 Resp: 501459
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 64.0 32.1 96.5

Manual Integrations
APPROVED

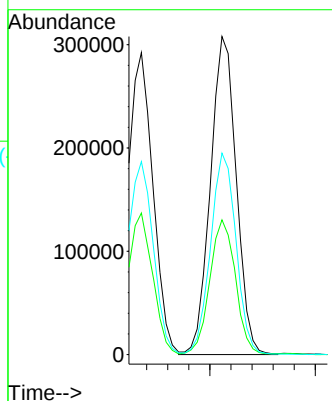
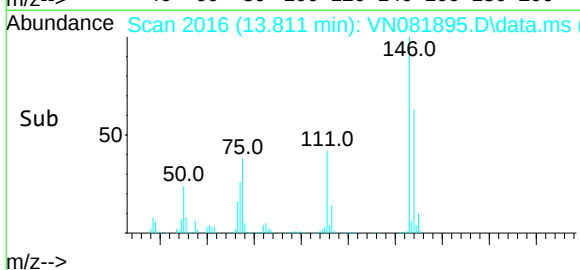
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

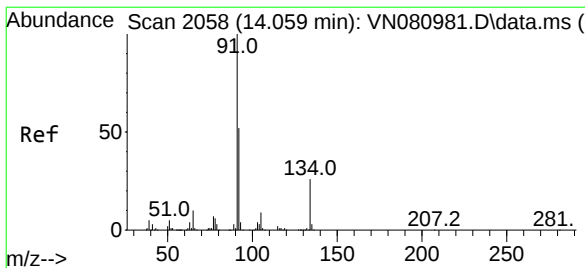


#84
1,4-Dichlorobenzene
Concen: 91.220 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10



Tgt Ion:146 Resp: 525245
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.9
148 62.1 31.9 95.5





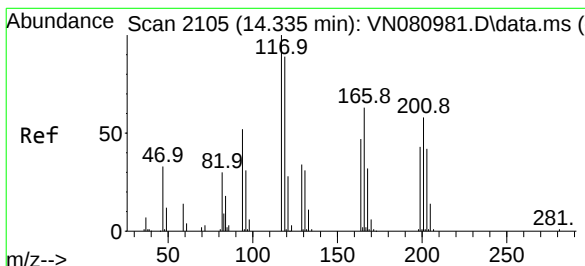
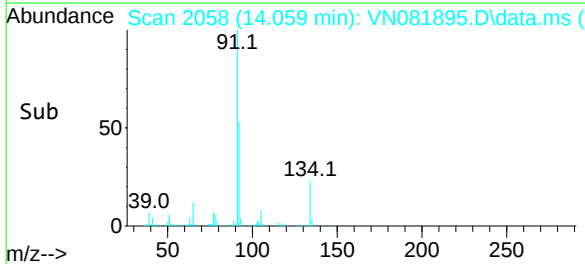
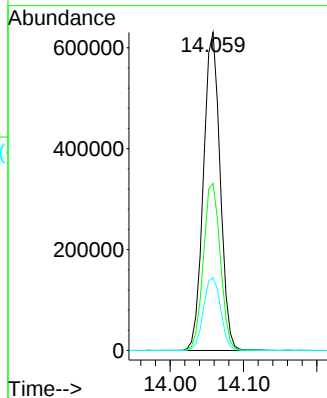
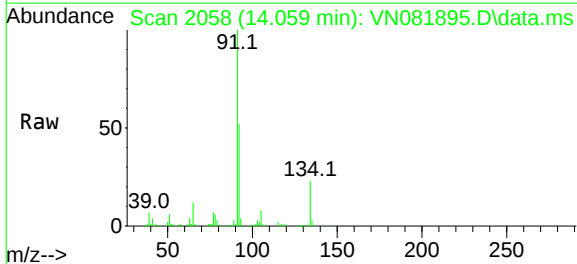
#85
n-Butylbenzene
Concen: 117.958 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	0.0	105.0
134	23.6	0.0	51.8

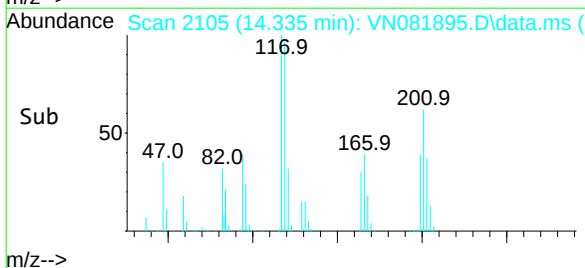
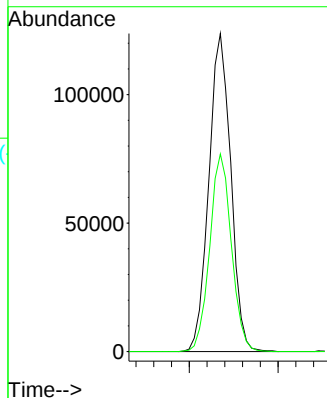
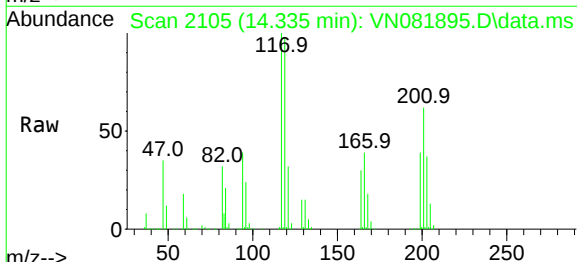
Manual Integrations
APPROVED

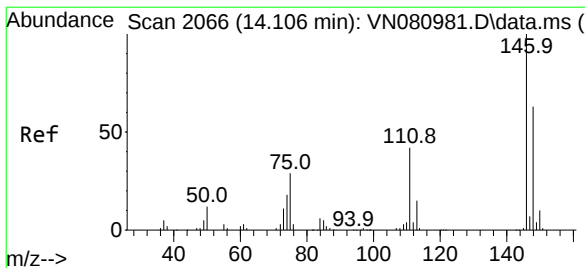
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#86
Hexachloroethane
Concen: 131.415 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.4	38.0	114.0





#87

1,2-Dichlorobenzene

Concen: 90.317 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 504416

Ion Ratio Lower Upper

146 100

111 45.1 22.6 67.8

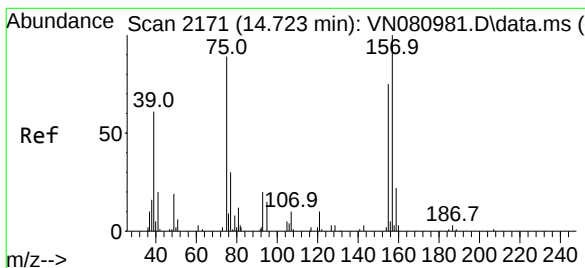
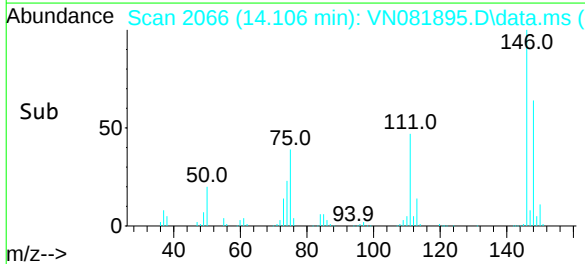
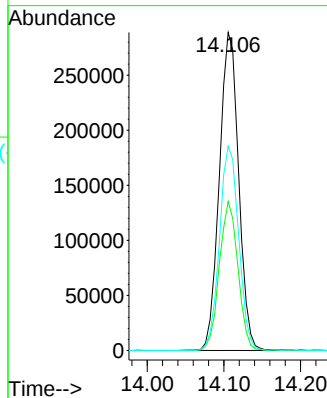
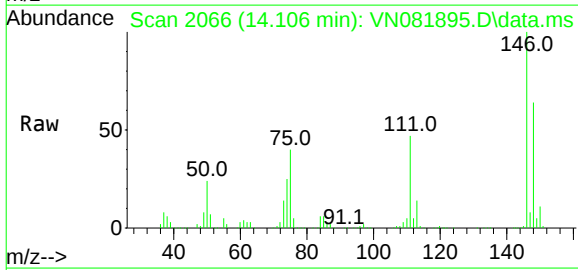
148 63.9 31.3 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 122.718 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

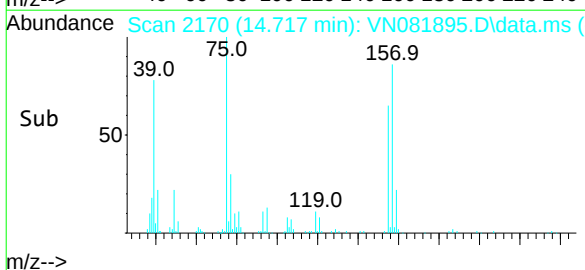
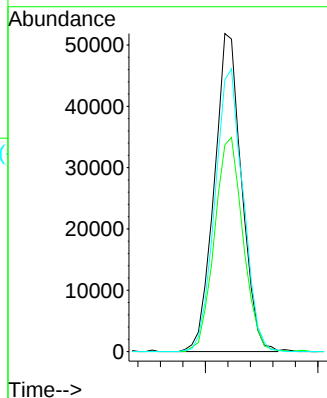
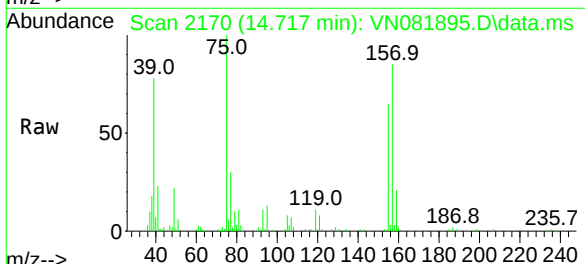
Tgt Ion: 75 Resp: 87599

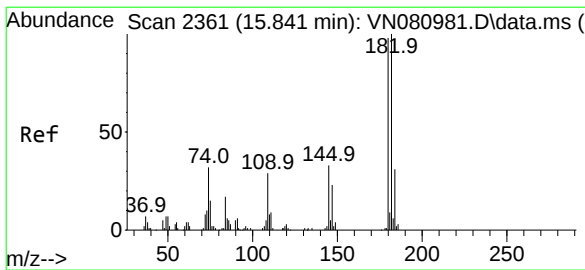
Ion Ratio Lower Upper

75 100

155 69.9 61.7 92.5

157 91.1 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 104.603 ug/l

RT: 15.841 min Scan# 23

Delta R.T. -0.000 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

Instrument :

MSVOA_N

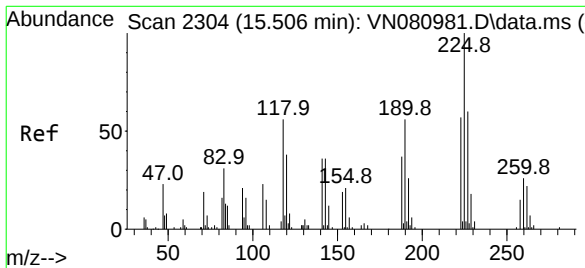
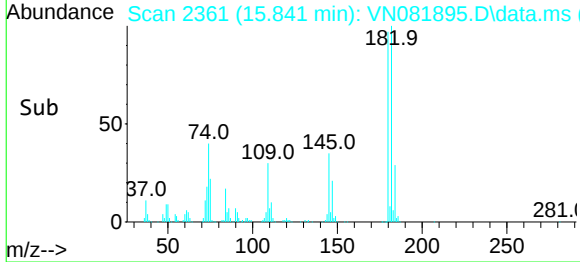
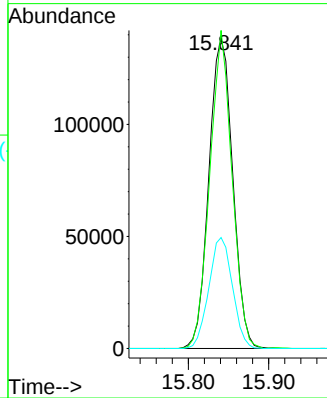
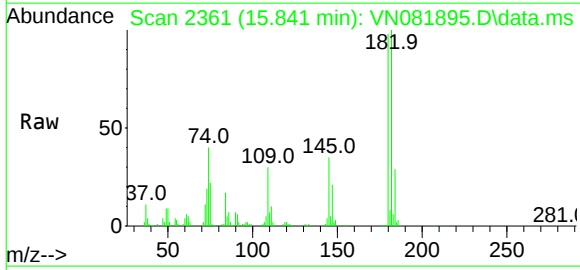
ClientSampleId :

VSTDICC100

Tgt Ion:	180	Resp:	285798
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.4	114.6
145	35.4	28.4	42.6

Manual Integrations
APPROVED

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



#90

Hexachlorobutadiene

Concen: 84.384 ug/l

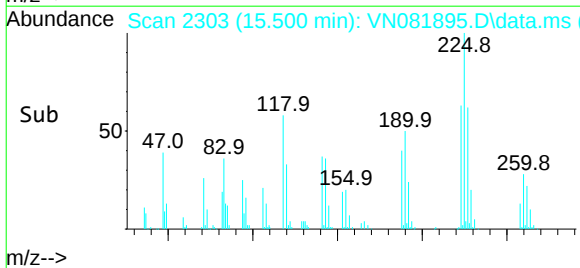
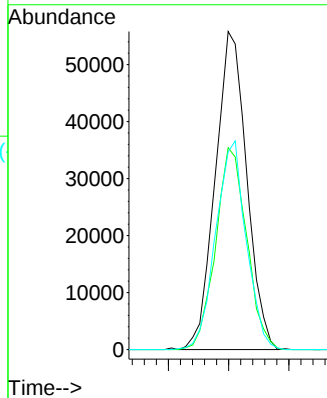
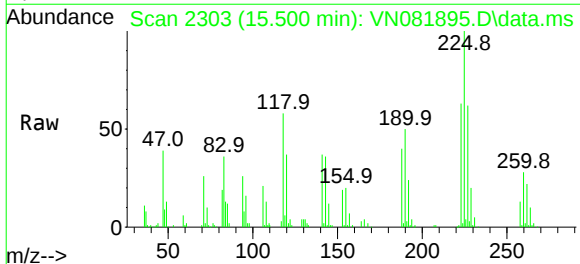
RT: 15.500 min Scan# 2303

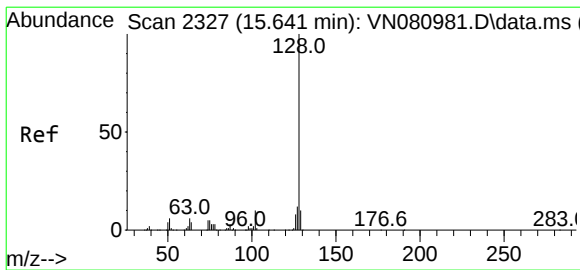
Delta R.T. -0.006 min

Lab File: VN081895.D

Acq: 27 Apr 2024 01:10

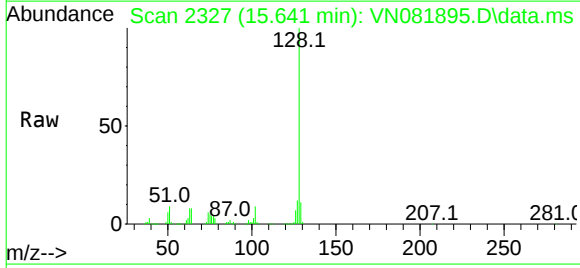
Tgt Ion:	225	Resp:	101152
Ion Ratio	Lower	Upper	
225	100		
223	62.7	0.0	126.6
227	63.6	0.0	126.6





#91
Naphthalene
Concen: 113.017 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

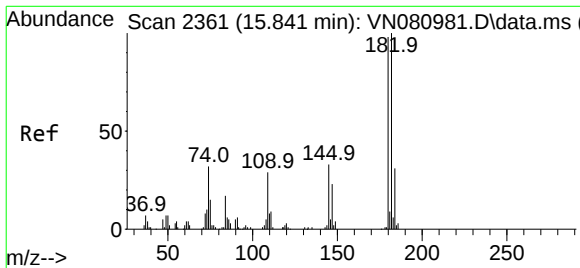
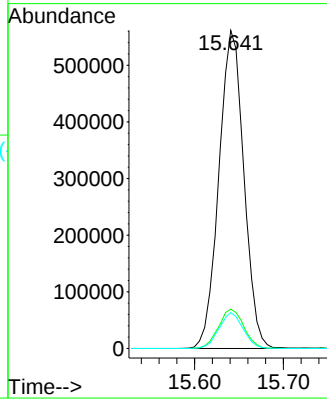
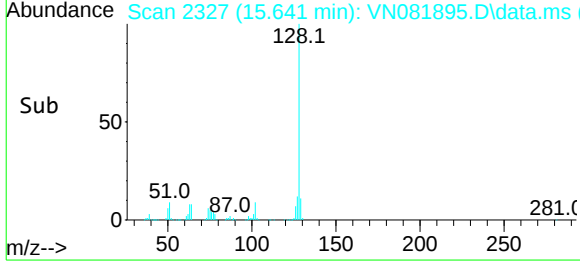


Tgt Ion:128 Resp: 1096421

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	10.9	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: 104.603 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081895.D
Acq: 27 Apr 2024 01:10

Tgt Ion:180 Resp: 285798

Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	191.0
145	35.4	0.0	71.0

