

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081897.D
 Acq On : 27 Apr 2024 01:57
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: May 14 11:15:23 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	43856	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	258781	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	223841	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	108329	32.873	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.567%			
60) 4-Bromofluorobenzene	12.847	95	109381	31.964	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.533%			
63) Toluene-d8	10.571	98	321457	32.001	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 106.667%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49246	16.515	ug/l	95
3) Chloromethane	2.360	50	56018	18.693	ug/l	96
4) Vinyl Chloride	2.518	62	52528	14.702	ug/l	94
5) Bromomethane	2.965	94	28454	11.857	ug/l	94
6) Chloroethane	3.124	64	31206	13.399	ug/l	97
7) Trichlorofluoromethane	3.501	101	79891	16.981	ug/l	98
8) Diethyl Ether	3.959	74	38884	23.514	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	55621m	21.782	ug/l	
10) 1,1-Dichloroethene	4.342	96	52115	20.824	ug/l	90
11) Methyl Iodide	4.595	142	42500m	15.856	ug/l	
12) Methyl Acetate	5.030	43	65267	28.779	ug/l #	76
13) Acrolein	4.177	56	67636	136.756	ug/l	94
14) Acrylonitrile	5.718	53	152171	135.123	ug/l	99
15) Acetone	4.424	58	35097	135.473	ug/l	91
16) Carbon Disulfide	4.718	76	142124	20.692	ug/l	99
17) Allyl chloride	5.018	41	99043m	31.511	ug/l	
18) Methylene Chloride	5.289	84	58460	20.440	ug/l	89
19) trans-1,2-Dichloroethene	5.795	96	52442	18.458	ug/l #	94
20) Diisopropyl ether	6.671	45	205004	27.137	ug/l	94
21) 1,1-Dichloroethane	6.571	63	111060	22.940	ug/l	93
22) cis-1,2-Dichloroethene	7.483	96	65668	19.892	ug/l	94
23) tert-Butyl Alcohol	5.506	59	65746m	160.257	ug/l	
24) Methyl tert-Butyl Ether	5.795	73	195913	23.613	ug/l	93
25) Chloroform	7.965	83	105824	19.702	ug/l	100
26) Cyclohexane	8.265	56	92226	25.298	ug/l #	89
29) 1,1-Dichloropropene	8.377	75	75895	19.689	ug/l	96
30) 2-Butanone	7.483	43	201137	142.219	ug/l	95
31) 2,2-Dichloropropane	7.494	77	76375	17.402	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	88373	18.225	ug/l	95
33) Carbon Tetrachloride	8.365	117	72081	17.643	ug/l	96
34) Benzene	8.606	78	247236	20.989	ug/l	95
35) Methacrylonitrile	7.777	41	49221	29.610	ug/l	93
36) 1,2-Dichloroethane	8.671	62	80804	20.440	ug/l	98
37) Trichloroethene	9.353	130	59214	18.907	ug/l	87
38) Methylcyclohexane	9.606	83	92330	24.001	ug/l	95
39) 1,2-Dichloropropane	9.624	63	60579	21.681	ug/l	93
40) Dibromomethane	9.712	93	39283	18.480	ug/l	93
41) Bromodichloromethane	9.888	83	83736	20.127	ug/l	99
42) Vinyl Acetate	6.600	43	827510	136.790	ug/l	96

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 Supervised By : Semsettin Yesilyurt 05/14/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	83924	28.490	ug/l	97
44) Isopropyl Acetate	8.688	43	152484	28.809	ug/l	90
45) 1,4-Dioxane	9.700	88	24634	490.739	ug/l	99
46) Methyl methacrylate	9.683	41	69119	28.540	ug/l	83
47) n-amyl Acetate	12.494	43	134363	29.108	ug/l	89
48) t-1,3-Dichloropropene	10.835	75	90209	20.689	ug/l	93
49) cis-1,3-Dichloropropene	10.312	75	97603	20.658	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	54761	18.618	ug/l	93
51) Ethyl methacrylate	10.877	69	101566	24.707	ug/l	78
52) 1,3-Dichloropropane	11.165	76	98925	20.367	ug/l	100
53) Dibromochloromethane	11.359	129	56760	17.705	ug/l	98
54) 1,2-Dibromoethane	11.471	107	54313	17.849	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	258760	122.830	ug/l	96
56) Bromoform	12.582	173	35726	17.498	ug/l	94
58) 4-Methyl-2-Pentanone	10.447	43	443264	152.530	ug/l #	88
59) 2-Hexanone	11.194	43	328414	153.650	ug/l	89
61) Tetrachloroethene	11.106	164	51577	20.172	ug/l	92
62) Toluene	10.630	91	253739	20.694	ug/l	99
64) Chlorobenzene	11.894	112	156645	20.859	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	51335	18.428	ug/l	95
66) Ethyl Benzene	11.965	91	285566	22.150	ug/l	100
67) m/p-Xylenes	12.071	106	208661	41.213	ug/l	100
68) o-Xylene	12.400	106	104813	21.124	ug/l	99
69) Styrene	12.412	104	170161	20.831	ug/l	100
70) Isopropylbenzene	12.694	105	264686	21.889	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	77124	20.684	ug/l	94
72) 1,2,3-Trichloropropane	12.994	75	58899m	20.179	ug/l	
73) Bromobenzene	12.982	156	54161	18.012	ug/l	85
74) n-propylbenzene	13.035	91	309908	22.551	ug/l	100
75) 2-Chlorotoluene	13.124	91	190026	22.275	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	214143	21.644	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	30444	27.562	ug/l	91
78) 4-Chlorotoluene	13.224	91	182795	21.393	ug/l	100
79) tert-butylbenzene	13.441	119	184829	22.504	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	210234	21.327	ug/l	97
81) sec-Butylbenzene	13.618	105	253080	22.005	ug/l	98
82) p-Isopropyltoluene	13.729	119	204610	21.191	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	101911	18.843	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	100701	18.550	ug/l	98
85) n-Butylbenzene	14.059	91	179223	22.496	ug/l	96
86) Hexachloroethane	14.335	117	40429	26.545	ug/l	80
87) 1,2-Dichlorobenzene	14.106	146	99721	18.938	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	17563	26.097	ug/l	84
89) 1,2,4-Trichlorobenzene	15.841	180	53817	20.892	ug/l	99
90) Hexachlorobutadiene	15.506	225	19214	17.001	ug/l	97
91) Naphthalene	15.641	128	209598	22.916	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	53817	20.892	ug/l	99

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

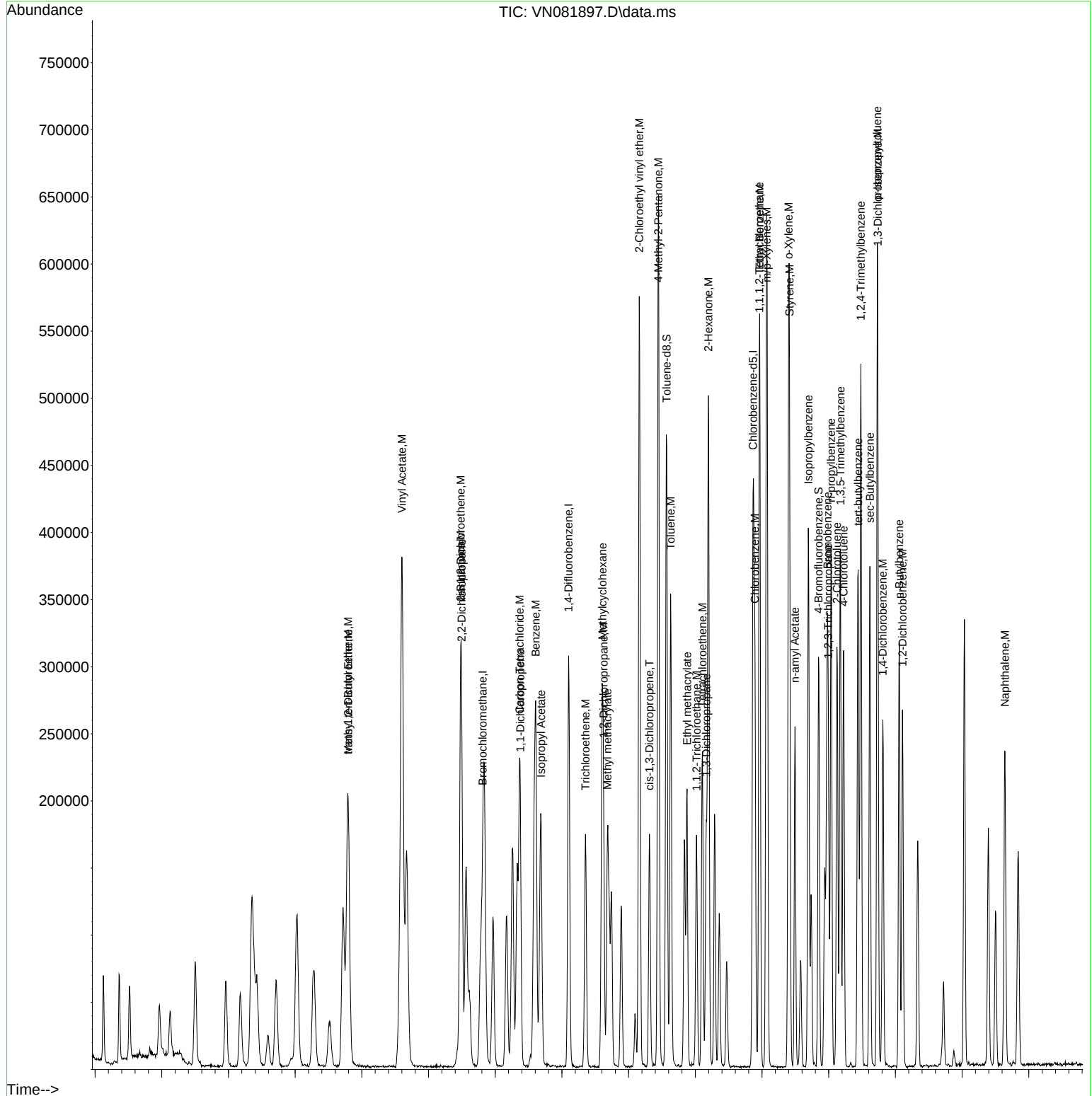
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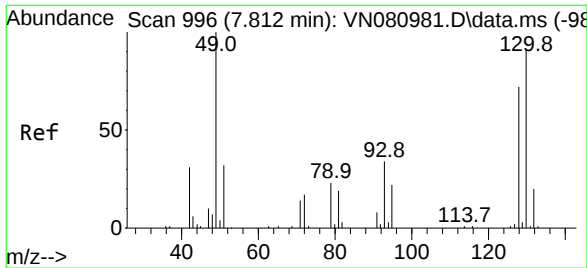
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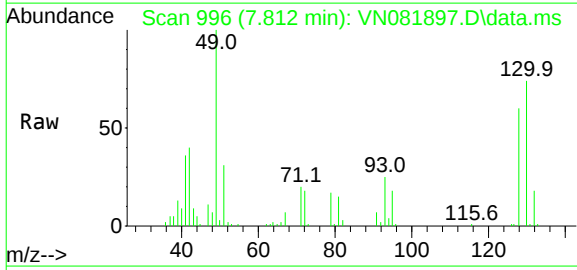
Reviewed By : John Carlone 04/29/2024
Supervised By : Semsettin Yesilyurt 05/14/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

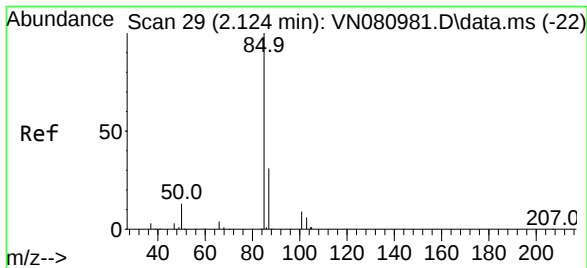
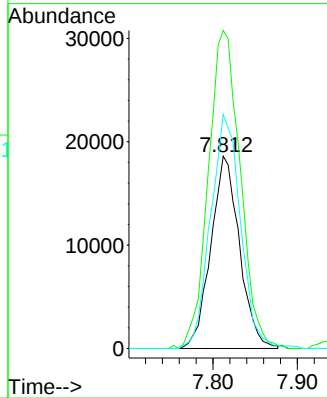
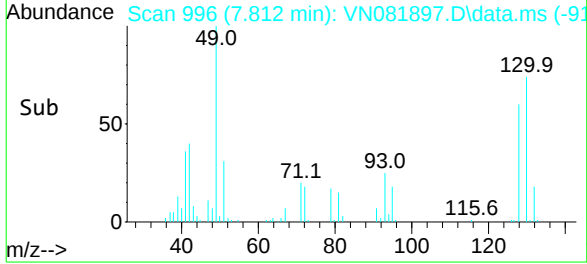
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 128 Resp: 43856
Ion Ratio Lower Upper
128 100
49 183.6 0.0 403.7
130 127.2 0.0 323.3

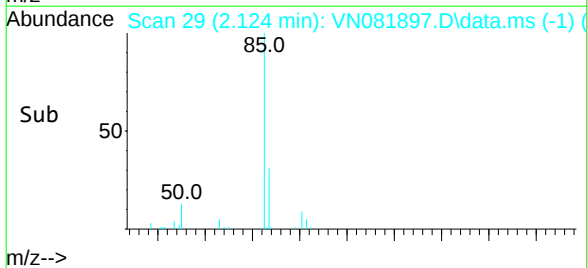
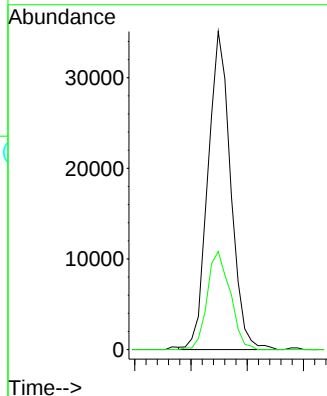
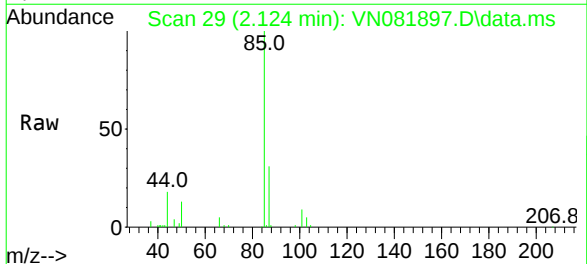
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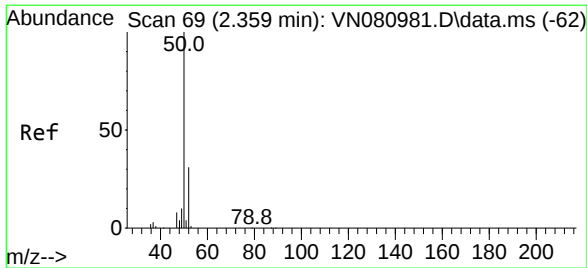
Reviewed By : John Carlone 04/29/2024
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#2
Dichlorodifluoromethane
Concen: 16.515 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion: 85 Resp: 49246
Ion Ratio Lower Upper
85 100
87 30.8 16.8 50.3





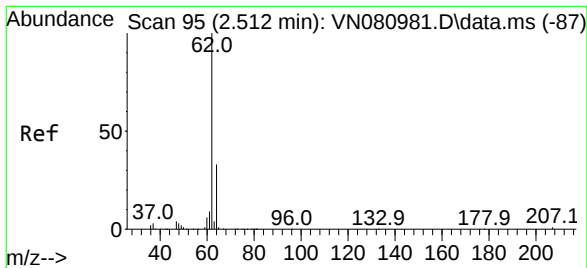
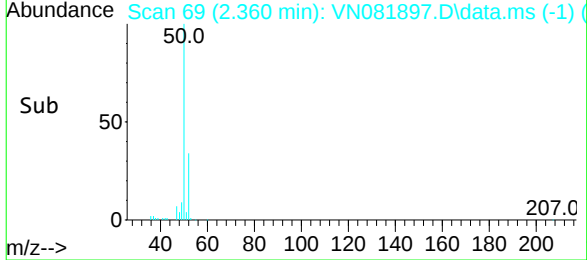
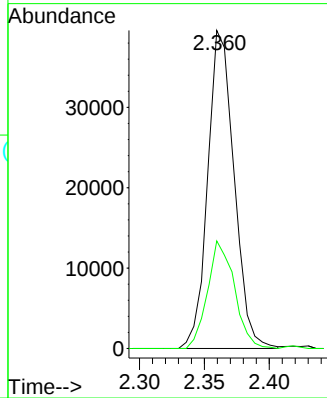
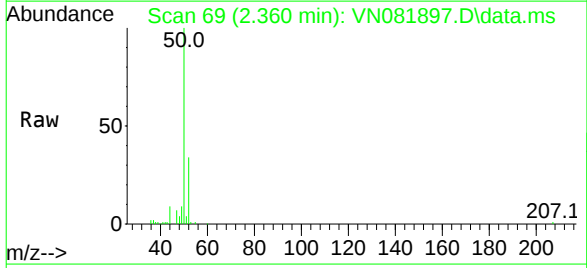
#3
Chloromethane
Concen: 18.693 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

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ClientSampleId :
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Tgt Ion: 50 Resp: 56018
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.0

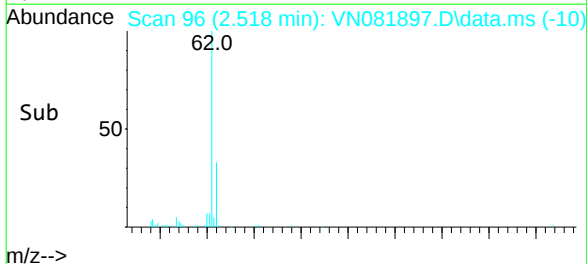
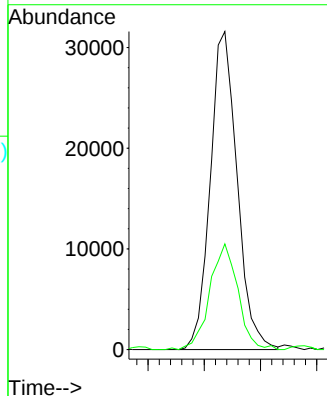
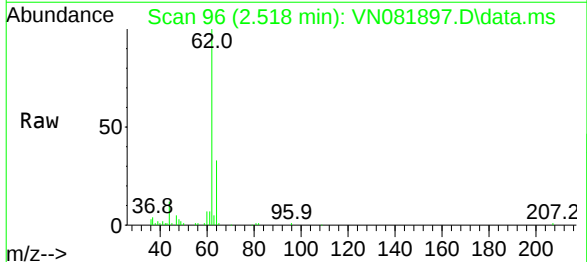
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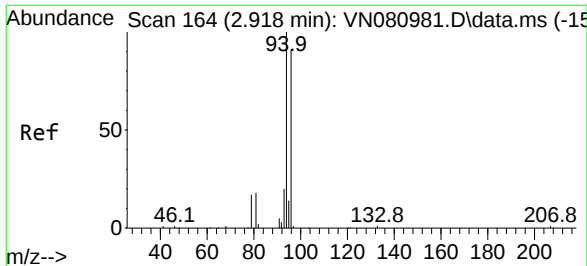
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#4
Vinyl Chloride
Concen: 14.702 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

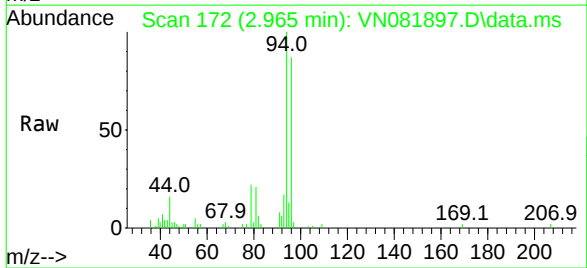
Tgt Ion: 62 Resp: 52528
Ion Ratio Lower Upper
62 100
64 33.2 24.1 36.1





#5
Bromomethane
Concen: 11.857 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.047 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

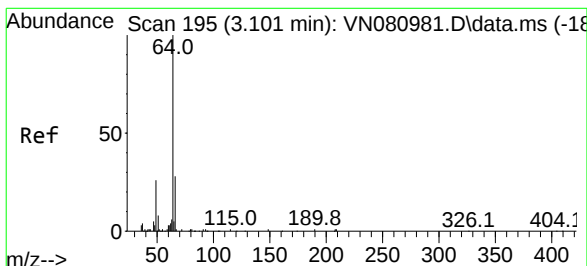
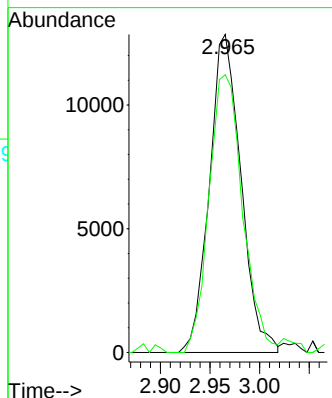
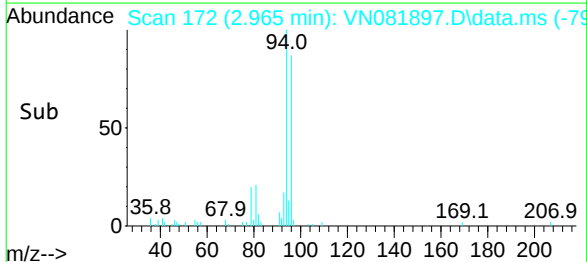
Instrument :
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ClientSampleId :
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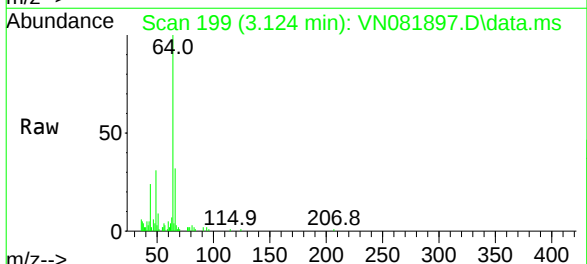
Tgt Ion: 94 Resp: 28454
Ion Ratio Lower Upper
94 100
96 85.6 72.8 109.2

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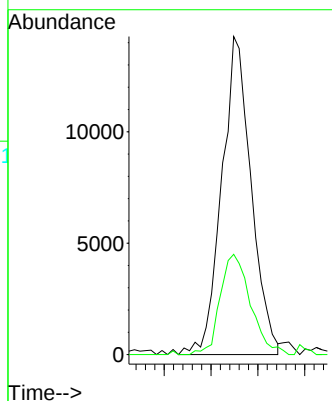
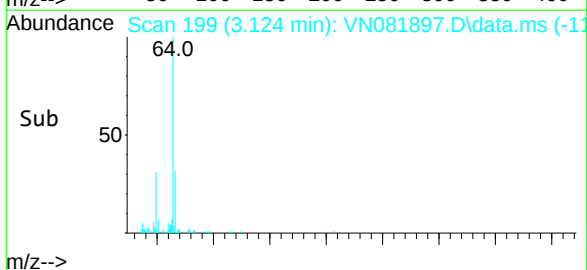
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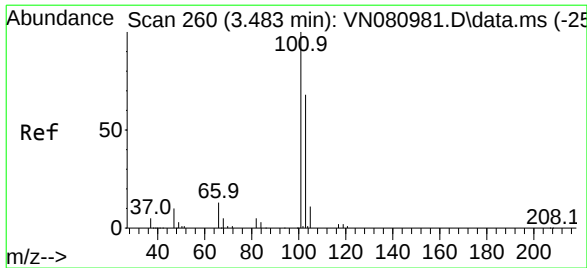


#6
Chloroethane
Concen: 13.399 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.024 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57



Tgt Ion: 64 Resp: 31206
Ion Ratio Lower Upper
64 100
66 31.5 26.7 40.1





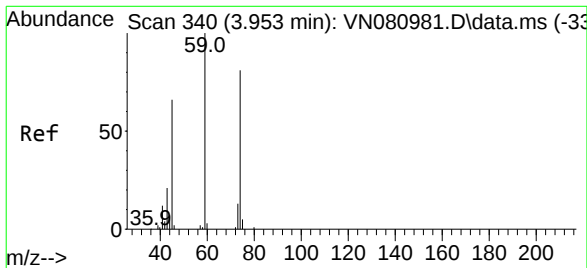
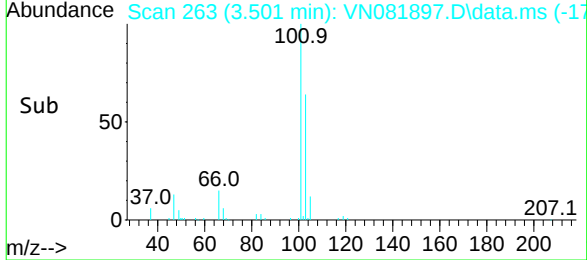
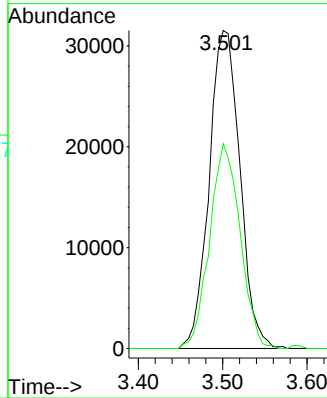
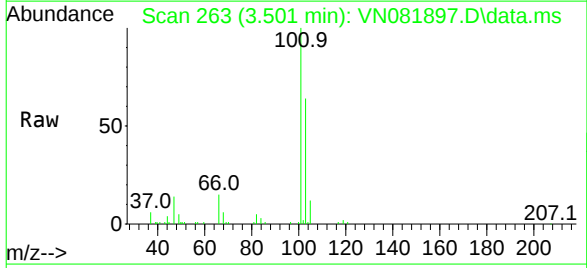
#7
 Trichlorofluoromethane
 Concen: 16.981 ug/l
 RT: 3.501 min Scan# 260
 Delta R.T. 0.018 min
 Lab File: VN081897.D
 Acq: 27 Apr 2024 01:57

Instrument :
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 ClientSampleId :
 VSTDICCC020

Tgt Ion:101 Resp: 79891
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.0 79.4

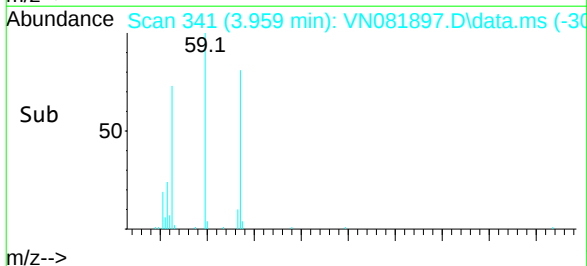
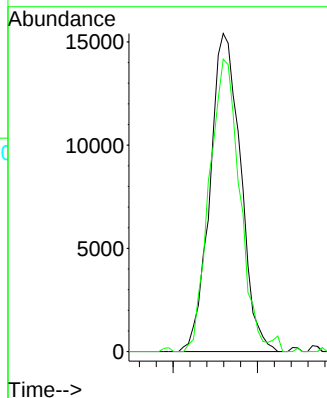
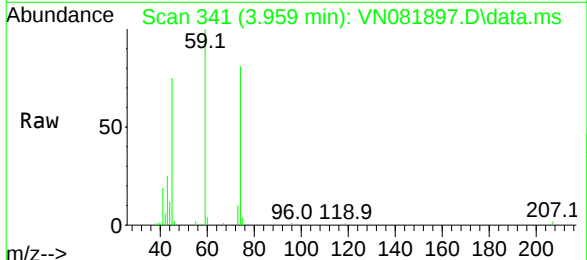
Manual Integrations
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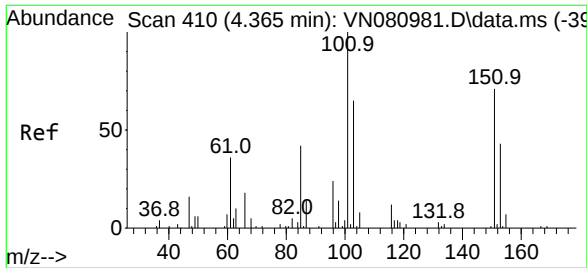
Reviewed By :John Carlone 04/29/2024
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#8
 Diethyl Ether
 Concen: 23.514 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081897.D
 Acq: 27 Apr 2024 01:57

Tgt Ion: 74 Resp: 38884
 Ion Ratio Lower Upper
 74 100
 45 90.9 16.4 147.4





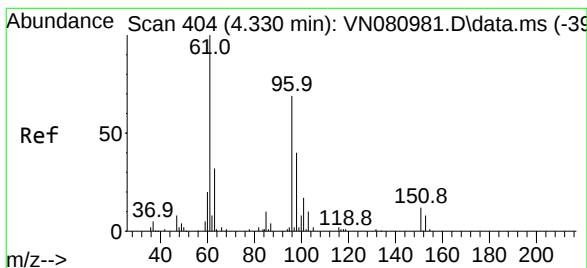
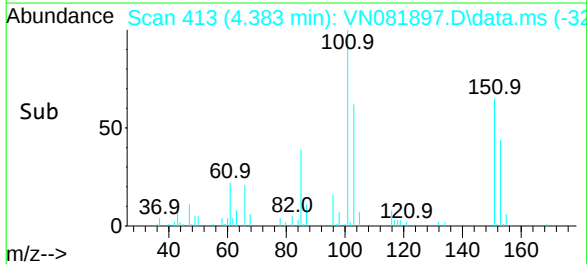
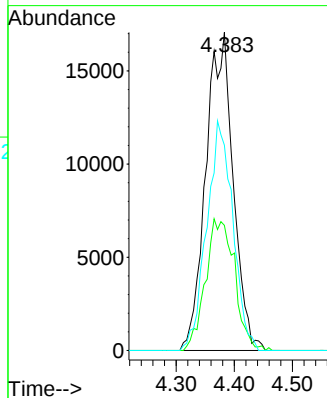
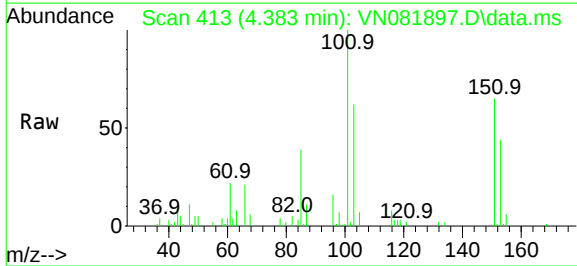
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.782 ug/l m
RT: 4.383 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

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Tgt Ion	Ratio	Lower	Upper
101	100		
85	20.5	0.0	90.6
151	69.2	0.0	157.6

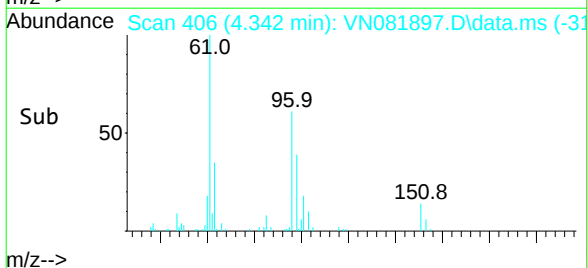
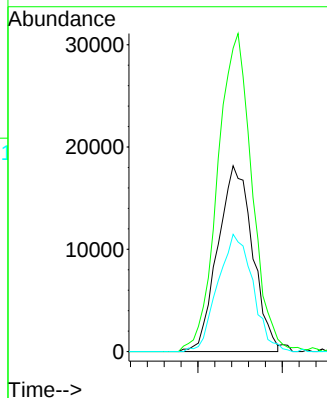
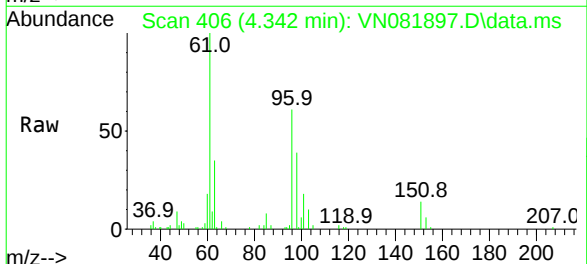
Manual Integrations
APPROVED

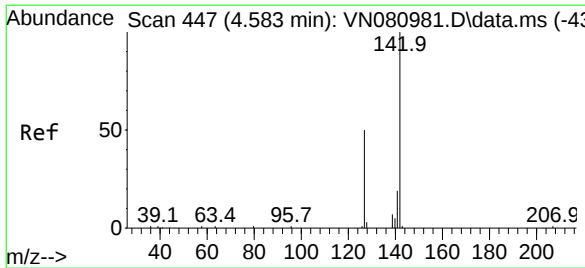
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#10
1,1-Dichloroethene
Concen: 20.824 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

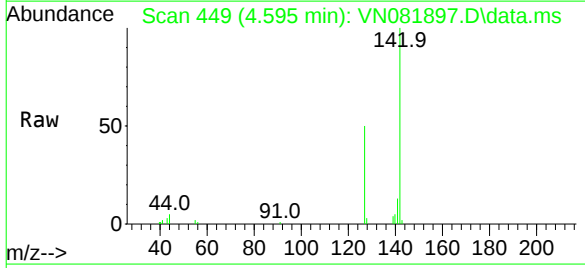
Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	117.6	176.4
98	63.1	48.4	72.6





#11
Methyl Iodide
Concen: 15.856 ug/l m
RT: 4.595 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

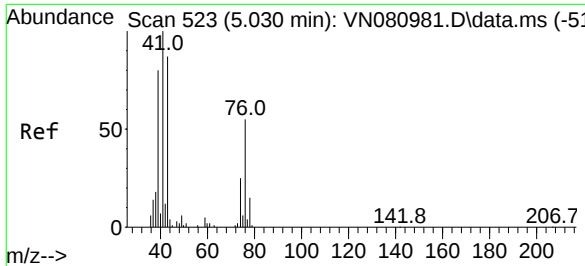
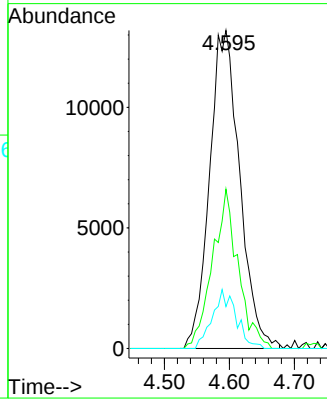
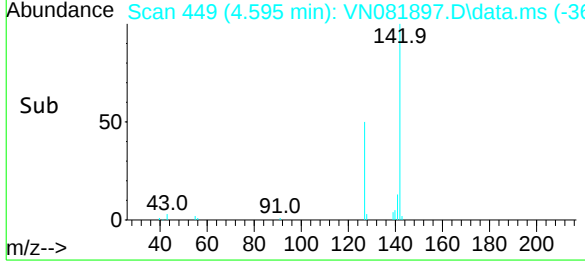
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



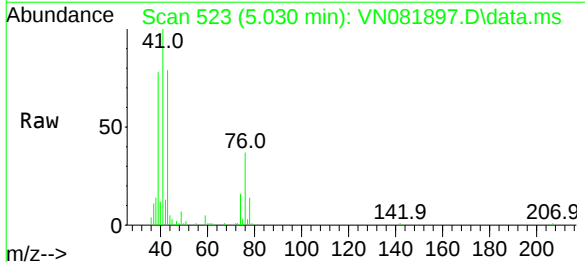
Tgt Ion:142 Resp: 42500
Ion Ratio Lower Upper
142 100
127 50.1 26.3 78.9
141 13.2 8.3 24.9

Manual Integrations
APPROVED

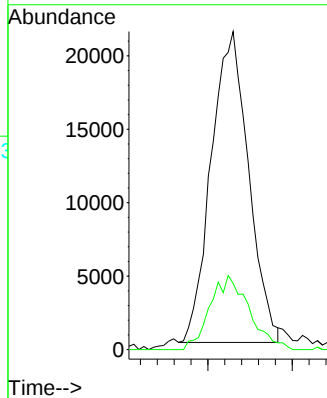
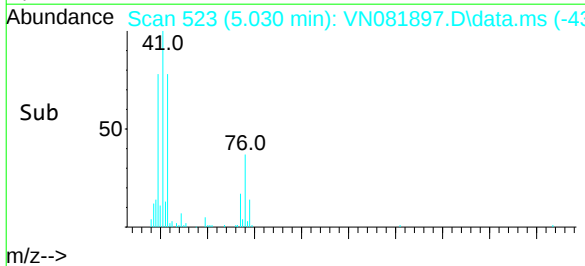
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

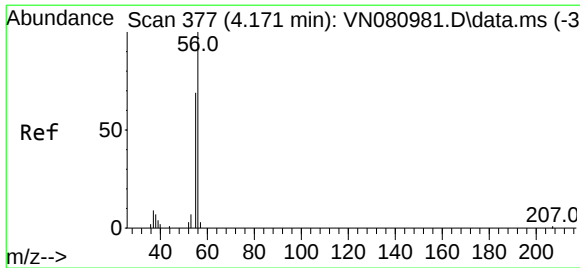


#12
Methyl Acetate
Concen: 28.779 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57



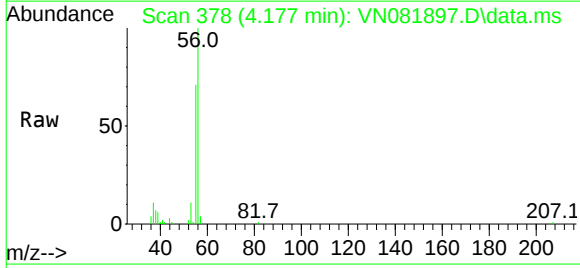
Tgt Ion: 43 Resp: 65267
Ion Ratio Lower Upper
43 100
74 20.7 27.7 41.5#





#13
Acrolein
Concen: 136.756 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

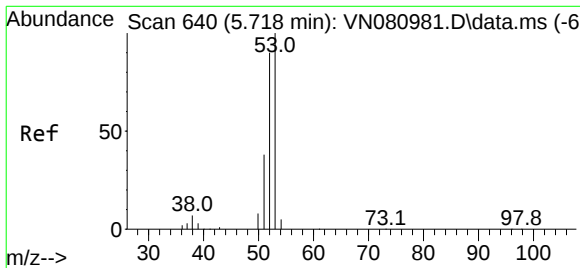
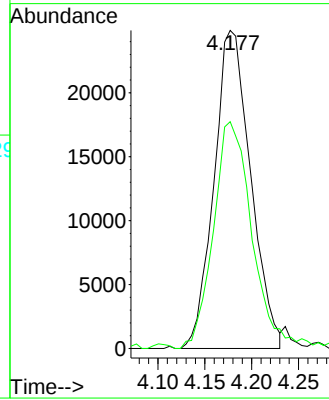
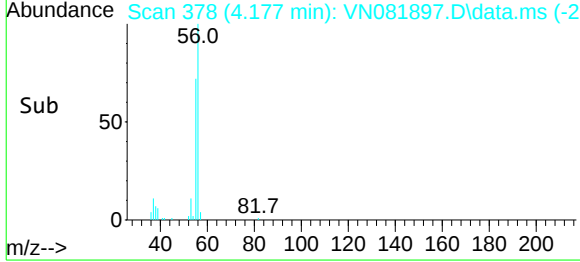
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 67636
Ion Ratio Lower Upper
56 100
55 74.3 55.5 83.3

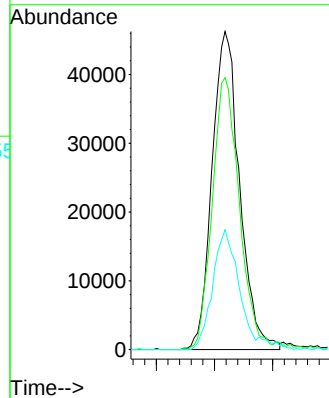
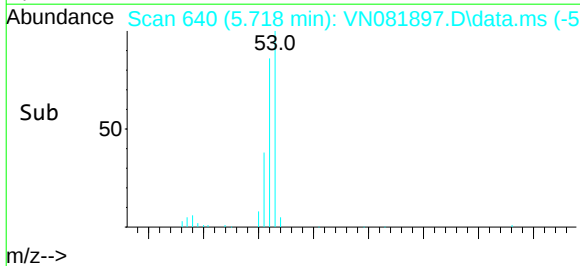
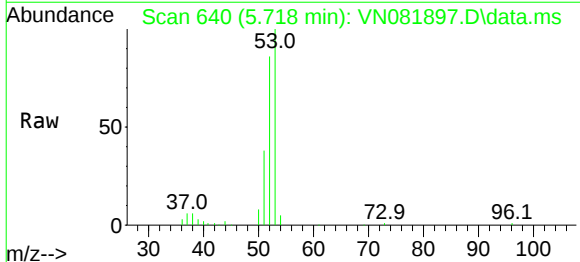
Manual Integrations
APPROVED

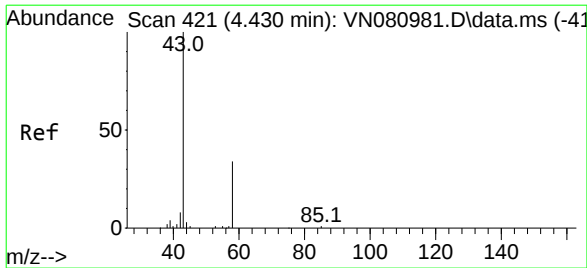
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#14
Acrylonitrile
Concen: 135.123 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

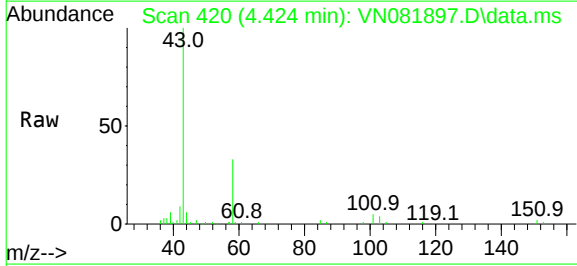
Tgt Ion: 53 Resp: 152171
Ion Ratio Lower Upper
53 100
52 83.0 41.3 123.9
51 35.0 16.8 50.3





#15
Acetone
Concen: 135.473 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

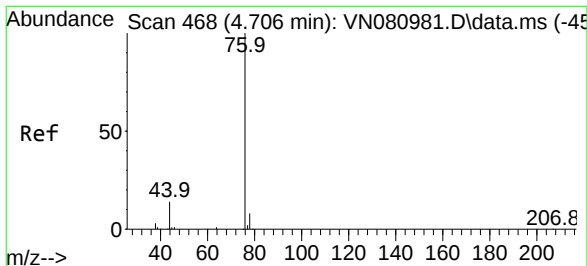
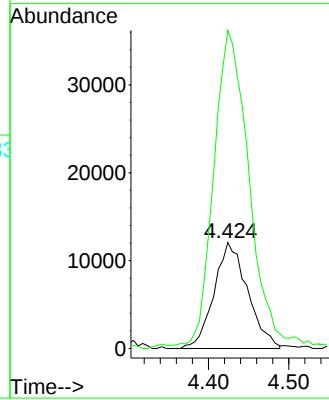
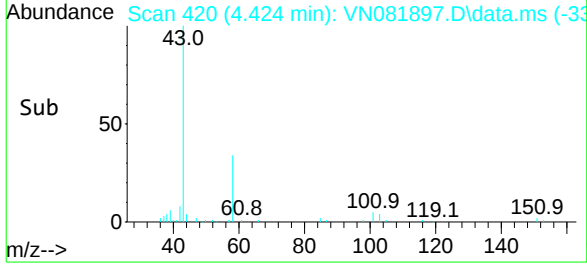
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 35097
Ion Ratio Lower Upper
58 100
43 295.6 223.1 334.7

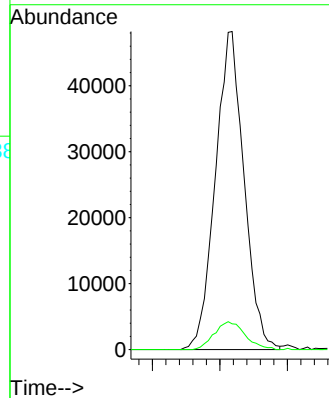
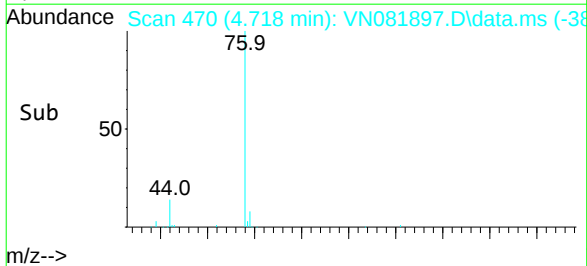
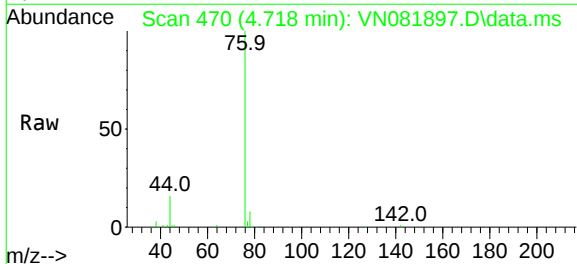
Manual Integrations
APPROVED

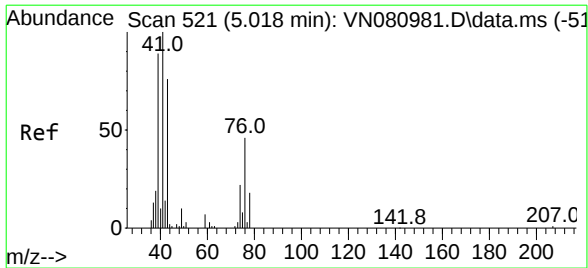
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#16
Carbon Disulfide
Concen: 20.692 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

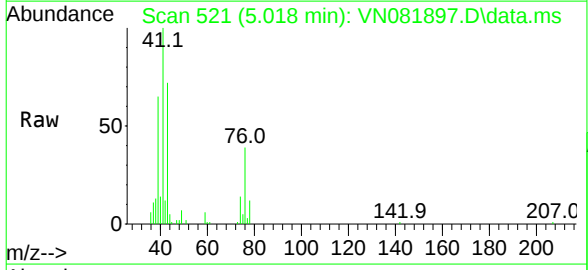
Tgt Ion: 76 Resp: 142124
Ion Ratio Lower Upper
76 100
78 8.1 6.3 9.5





#17
Allyl chloride
Concen: 31.511 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

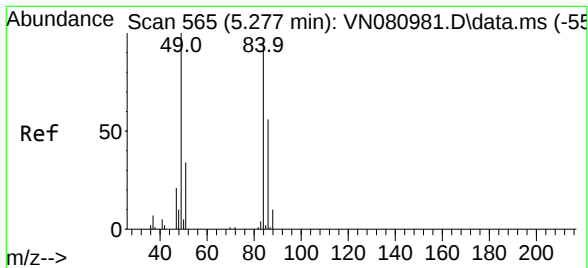
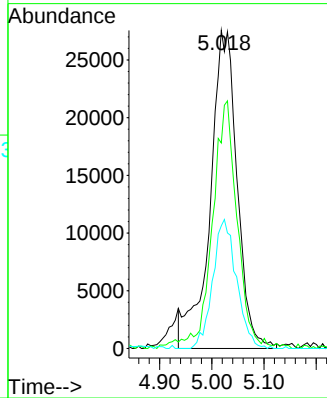
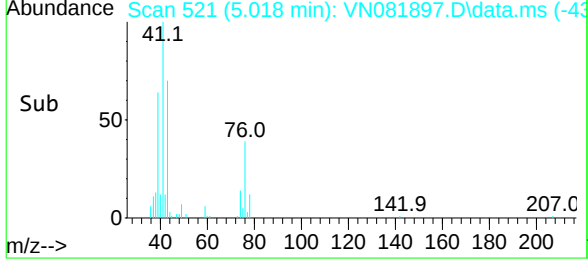
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



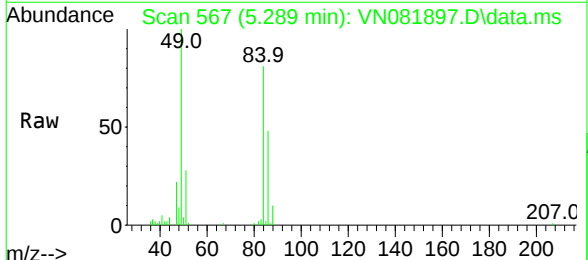
Tgt Ion:	41	Resp:	99043
Ion	Ratio	Lower	Upper
41	100		
39	64.6	37.6	112.9
76	38.6	27.8	83.4

Manual Integrations
APPROVED

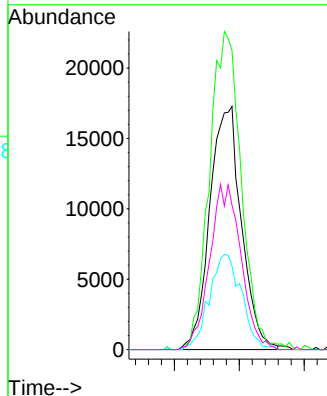
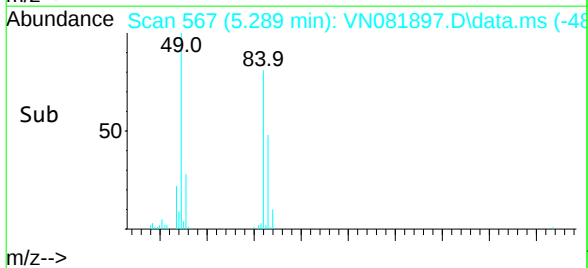
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

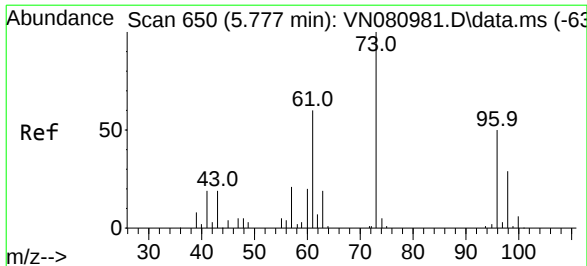


#18
Methylene Chloride
Concen: 20.440 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57



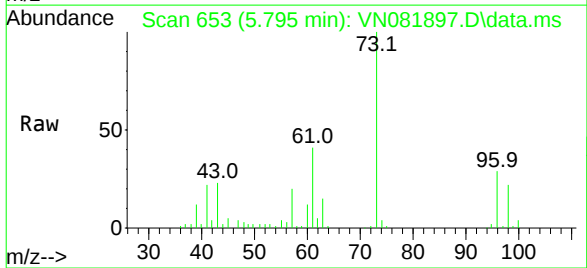
Tgt Ion:	84	Resp:	58460
Ion	Ratio	Lower	Upper
84	100		
49	123.1	86.0	129.0
51	34.4	30.0	45.0
86	59.3	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 18.458 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.018 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

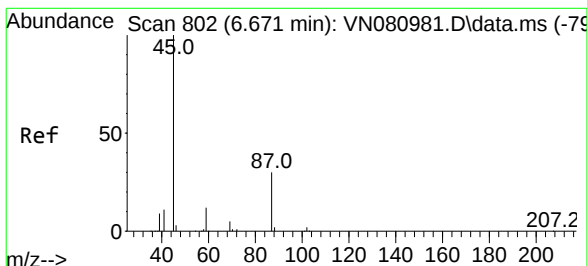
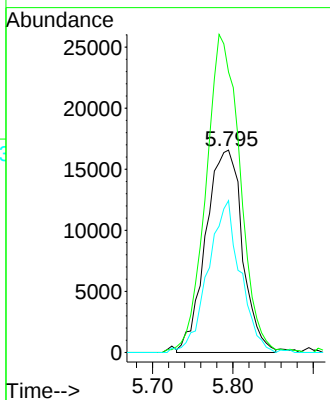
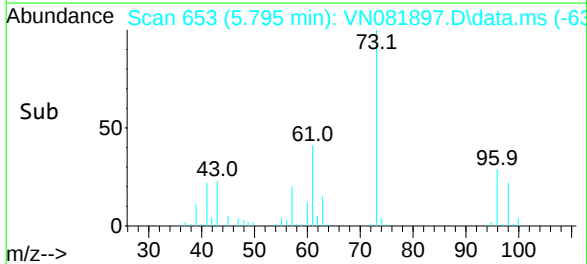
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	96	Resp:	52442
Ion	Ratio	Lower	Upper
96	100		
61	139.0	111.8	167.6
98	76.0	49.2	73.8#

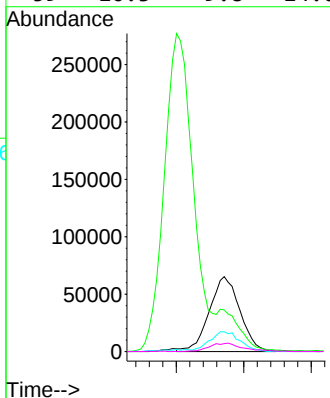
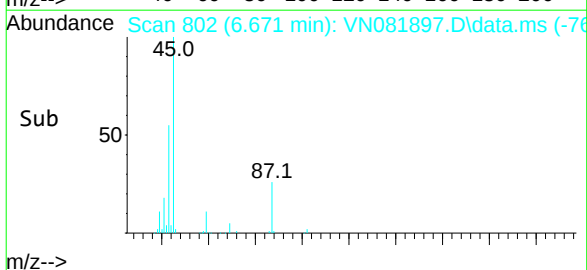
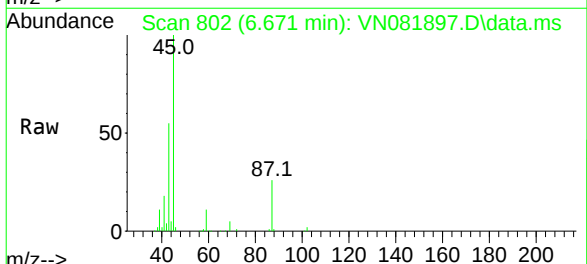
Manual Integrations
APPROVED

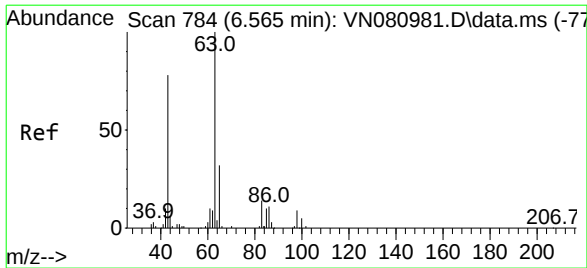
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#20
Diisopropyl ether
Concen: 27.137 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

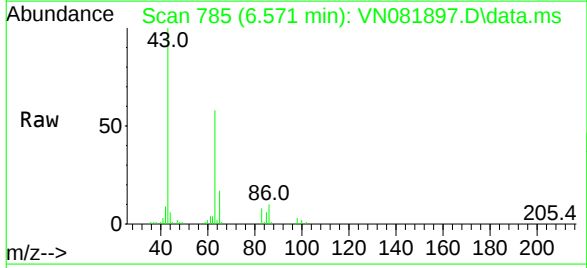
Tgt Ion:	45	Resp:	205004
Ion	Ratio	Lower	Upper
45	100		
43	53.9	40.4	60.6
87	26.1	23.8	35.8
59	10.3	9.8	14.6





#21
1,1-Dichloroethane
Concen: 22.940 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

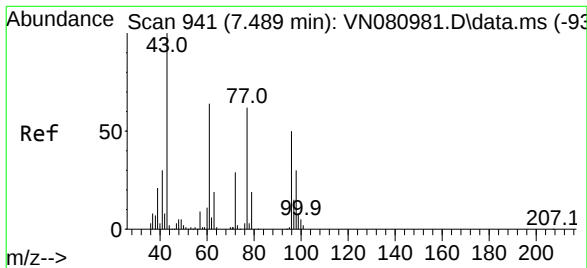
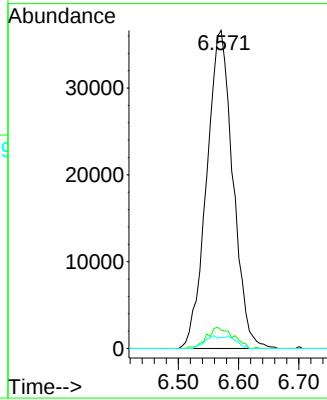
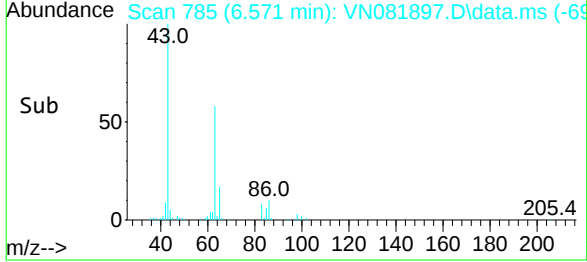
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 111060
Ion Ratio Lower Upper
63 100
98 5.8 4.1 12.3
100 3.5 3.0 9.0

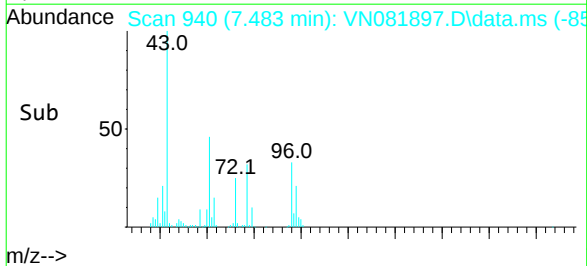
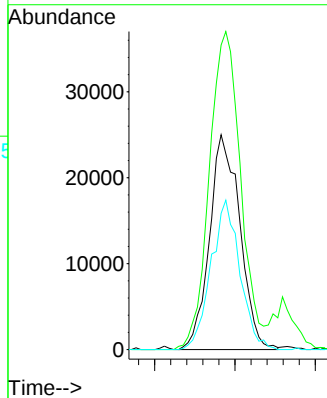
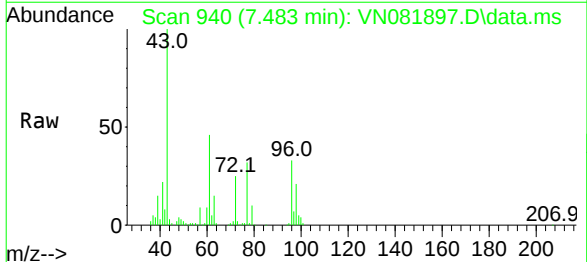
Manual Integrations
APPROVED

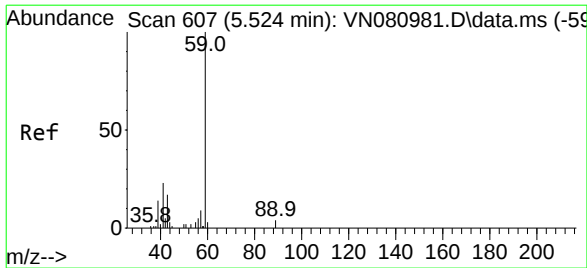
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#22
cis-1,2-Dichloroethene
Concen: 19.892 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

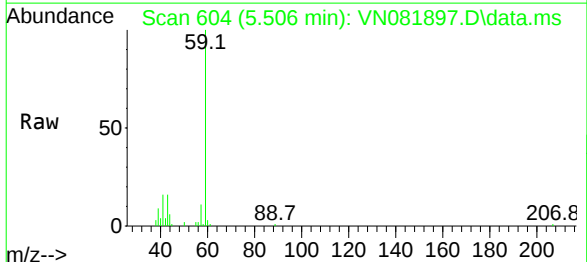
Tgt Ion: 96 Resp: 65668
Ion Ratio Lower Upper
96 100
61 152.5 113.5 170.3
98 66.2 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 160.257 ug/l m
RT: 5.506 min Scan# 604
Delta R.T. -0.018 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

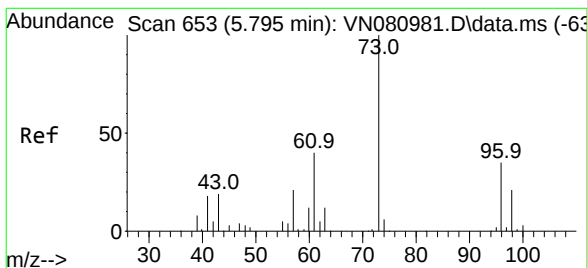
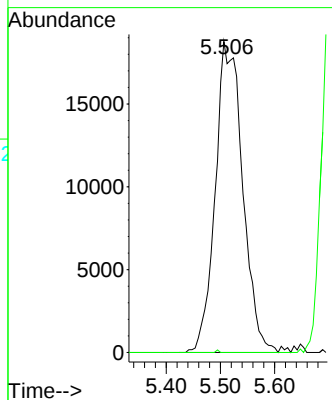
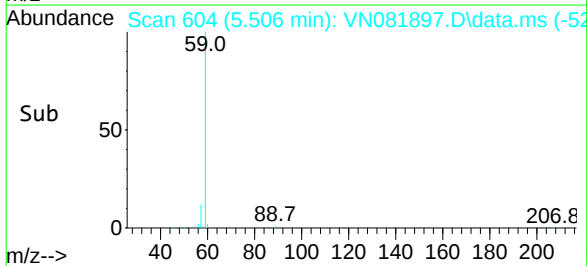
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 65746
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

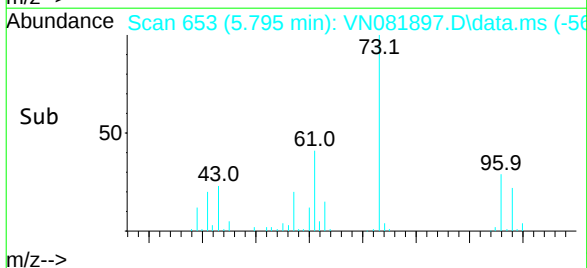
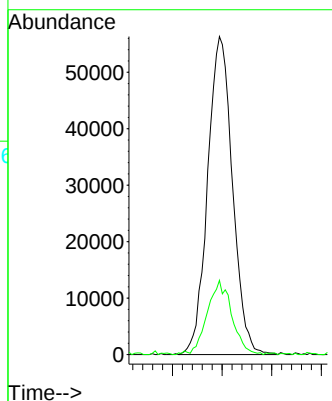
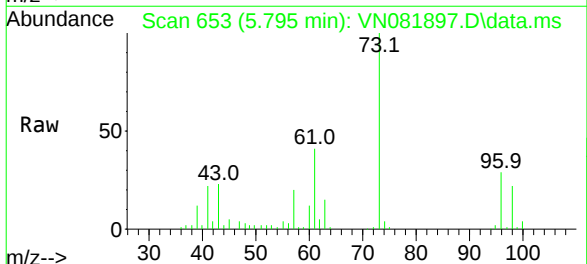
Manual Integrations
APPROVED

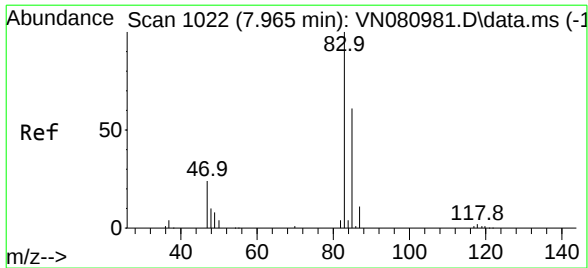
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#24
Methyl tert-Butyl Ether
Concen: 23.613 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

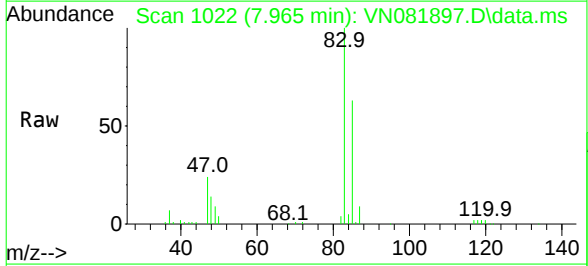
Tgt Ion: 73 Resp: 195913
Ion Ratio Lower Upper
73 100
43 13.7 13.4 20.2





#25
Chloroform
Concen: 19.702 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

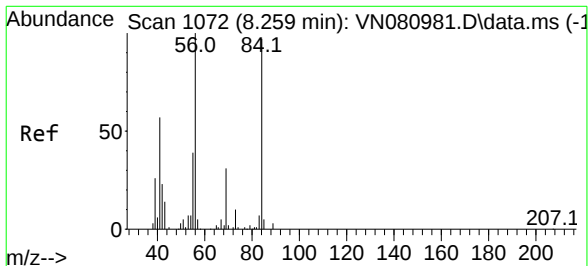
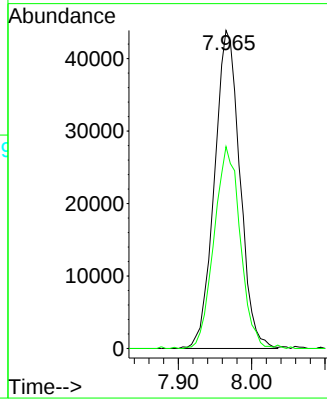
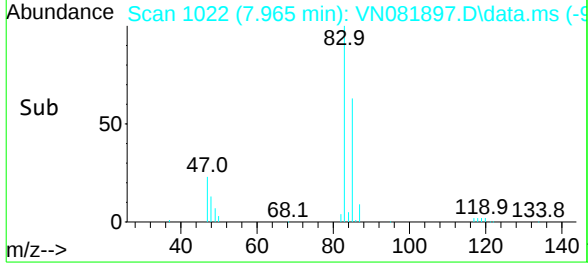
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



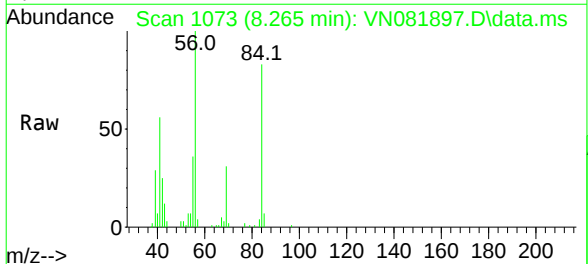
Tgt Ion: 83 Resp: 105824
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3

Manual Integrations
APPROVED

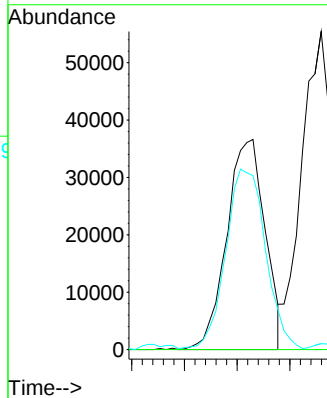
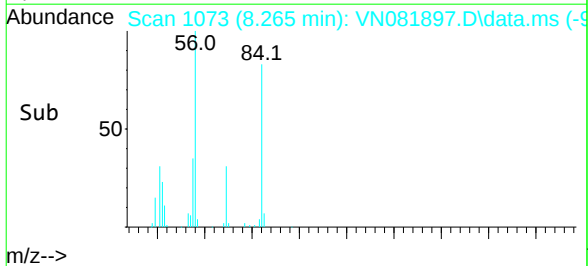
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

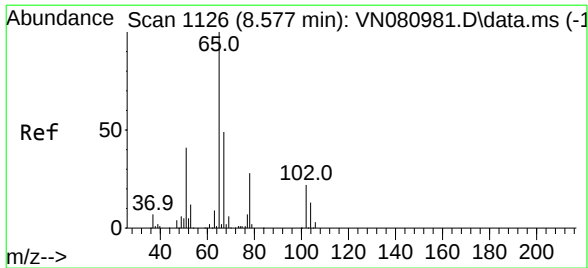


#26
Cyclohexane
Concen: 25.298 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57



Tgt Ion: 56 Resp: 92226
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 89.8 71.3 106.9





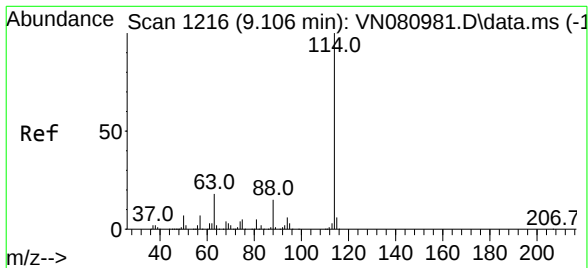
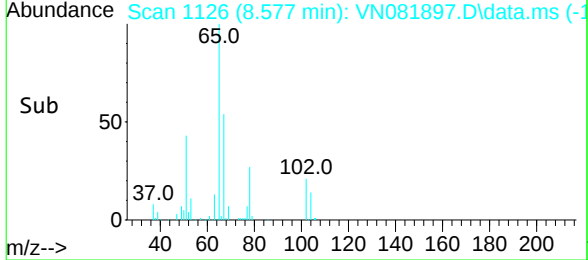
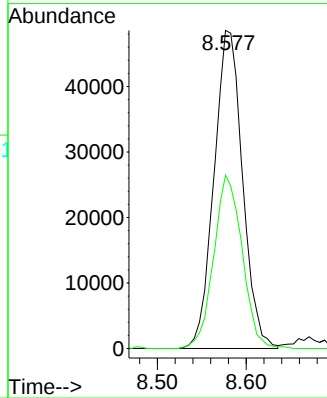
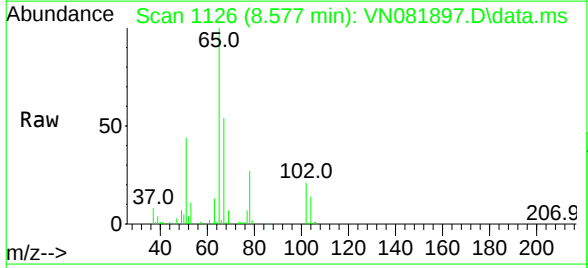
#27
1,2-Dichloroethane-d4
Concen: 32.873 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 108329
Ion Ratio Lower Upper
65 100
67 54.3 43.2 64.8

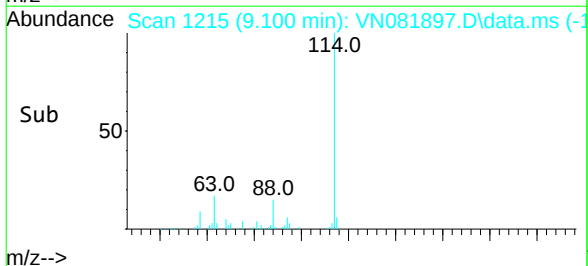
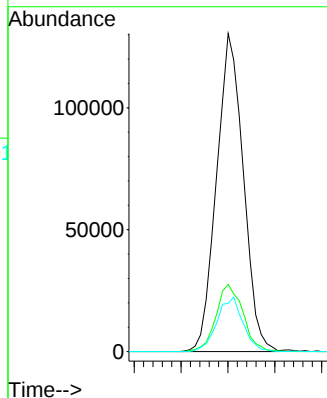
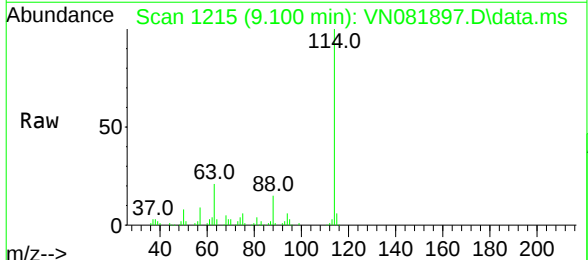
Manual Integrations
APPROVED

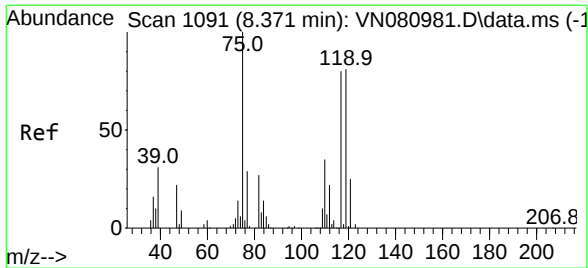
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion:114 Resp: 258781
Ion Ratio Lower Upper
114 100
63 21.3 15.9 23.9
88 16.6 12.7 19.1





#29
 1,1-Dichloropropene
 Concen: 19.689 ug/l
 RT: 8.377 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN081897.D
 Acq: 27 Apr 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

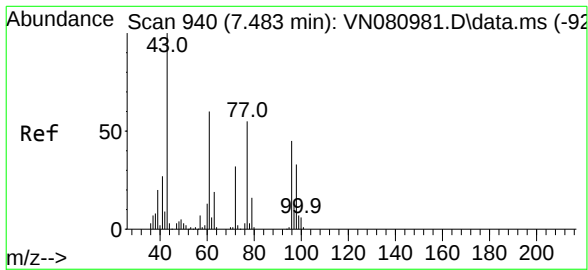
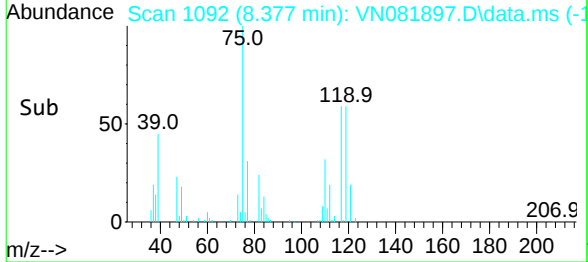
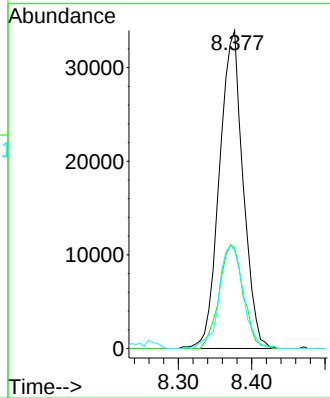
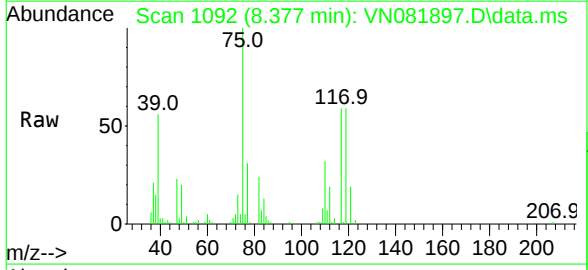
Tgt Ion:	75	Resp:	75895
Ion	Ratio	Lower	Upper
75	100		
110	33.2	0.0	70.2
77	33.0	0.0	61.4

Manual Integrations

APPROVED

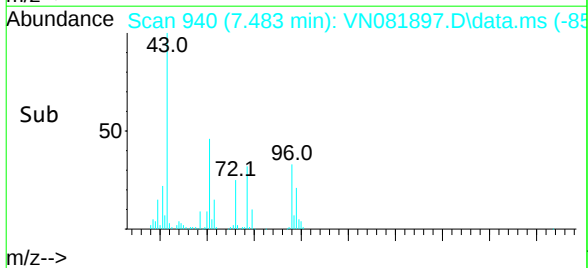
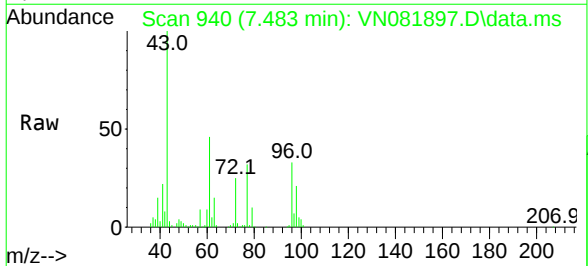
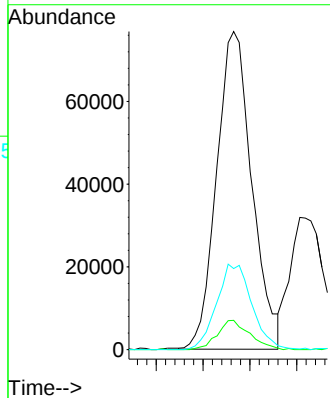
Reviewed By :John Carlone 04/29/2024

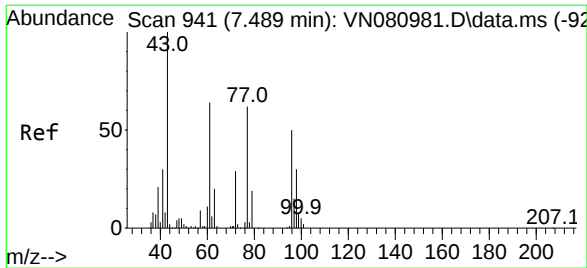
Supervised By :Semsettin Yesilyurt 05/14/2024



#30
 2-Butanone
 Concen: 142.219 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081897.D
 Acq: 27 Apr 2024 01:57

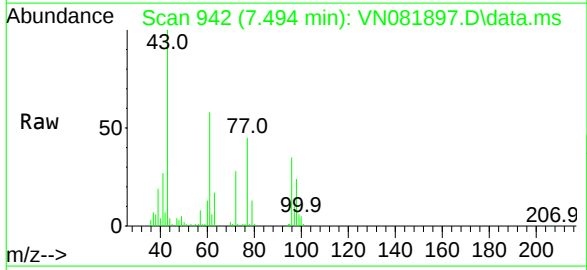
Tgt Ion:	43	Resp:	201137
Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.7	10.1
72	26.9	24.0	36.0





#31
2,2-Dichloropropane
Concen: 17.402 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

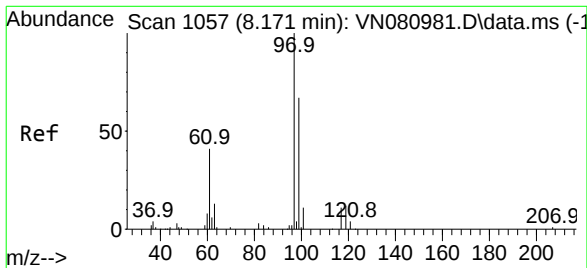
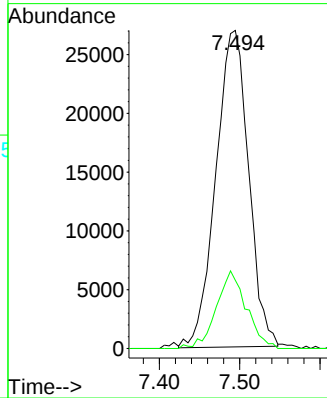
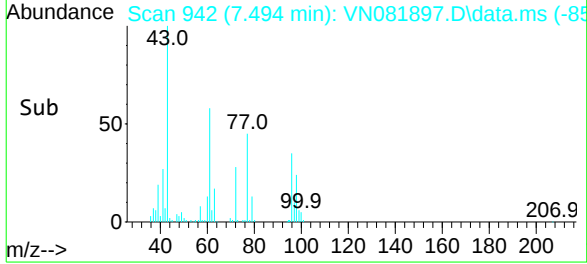
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 77 Resp: 76375
Ion Ratio Lower Upper
77 100
97 22.1 18.3 27.5

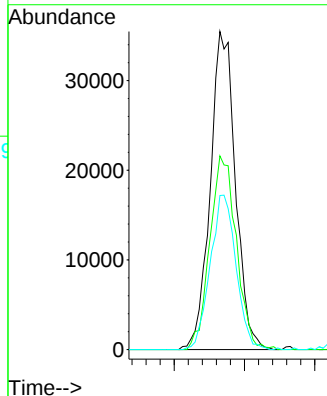
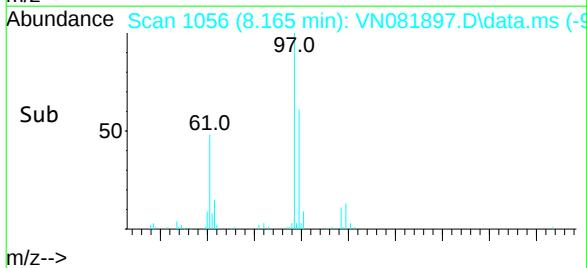
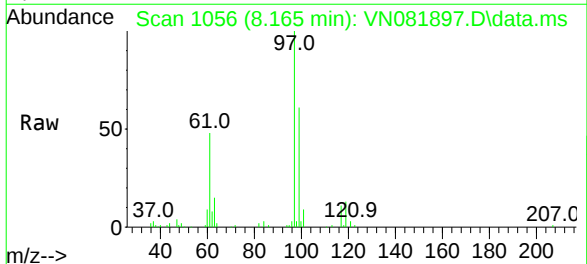
Manual Integrations
APPROVED

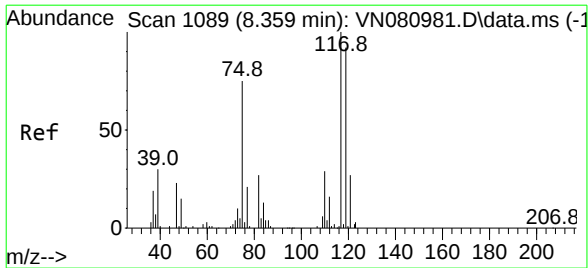
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#32
1,1,1-Trichloroethane
Concen: 18.225 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

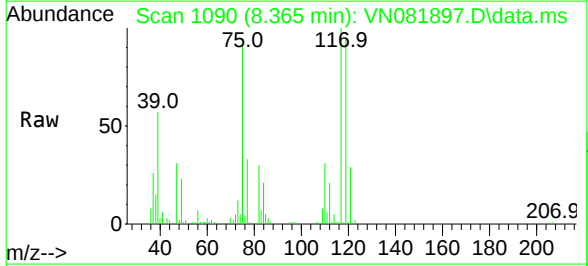
Tgt Ion: 97 Resp: 88373
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 49.7 33.8 50.8





#33
Carbon Tetrachloride
Concen: 17.643 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

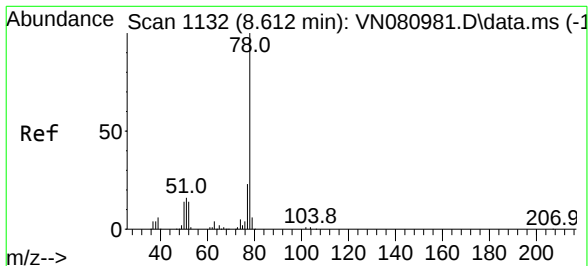
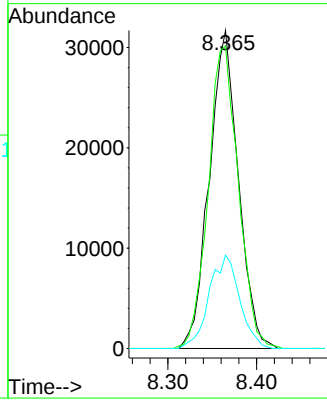
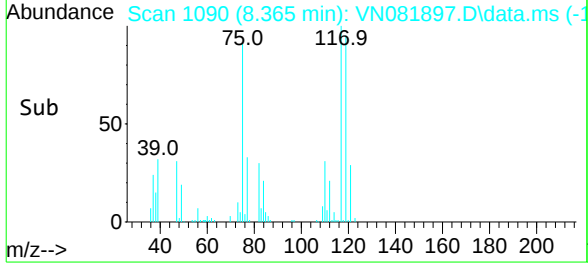
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



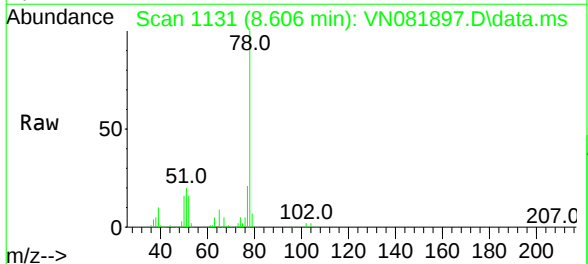
Tgt Ion: 117 Resp: 72081
Ion Ratio Lower Upper
117 100
119 94.5 77.7 116.5
121 29.4 27.0 40.6

Manual Integrations
APPROVED

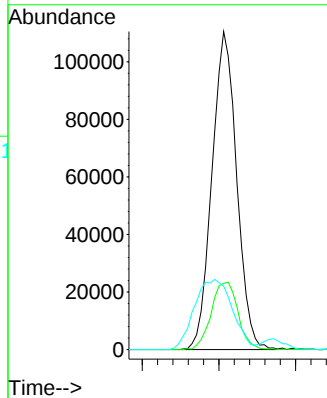
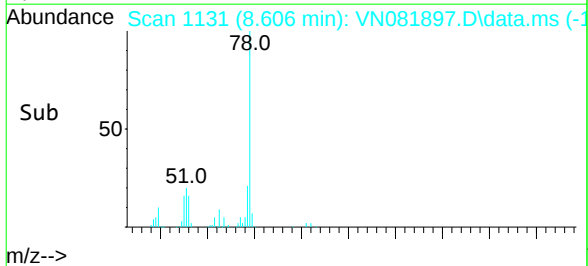
Reviewed By : John Carlone 04/29/2024
Supervised By : Semsettin Yesilyurt 05/14/2024

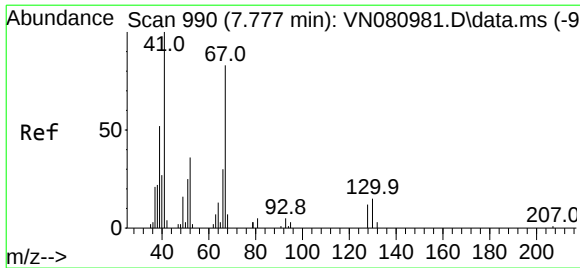


#34
Benzene
Concen: 20.989 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57



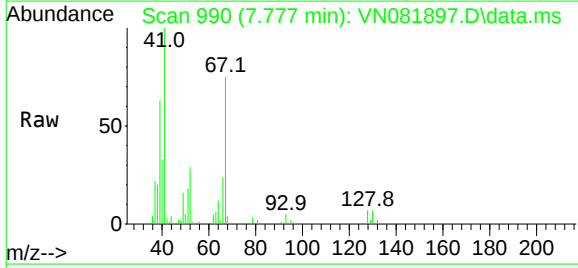
Tgt Ion: 78 Resp: 247236
Ion Ratio Lower Upper
78 100
77 20.8 19.2 28.8
51 18.1 13.3 19.9





#35
Methacrylonitrile
Concen: 29.610 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

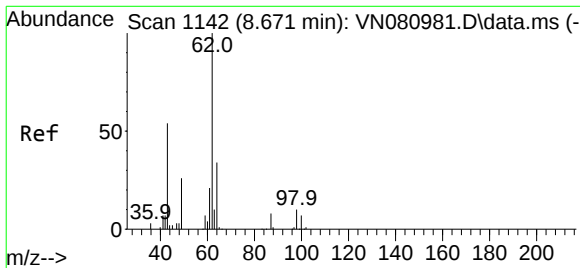
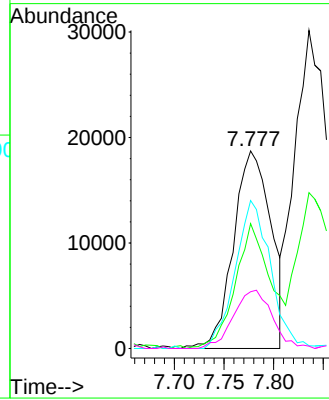
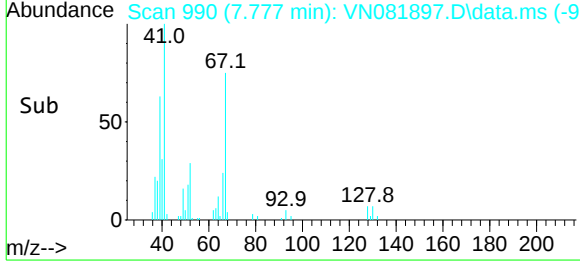
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 49221
Ion Ratio Lower Upper
41 100
39 61.8 25.3 75.9
67 74.9 38.7 116.1
52 28.7 13.6 40.8

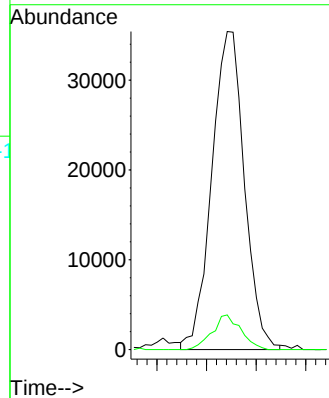
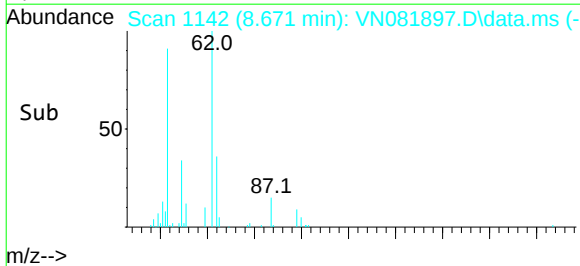
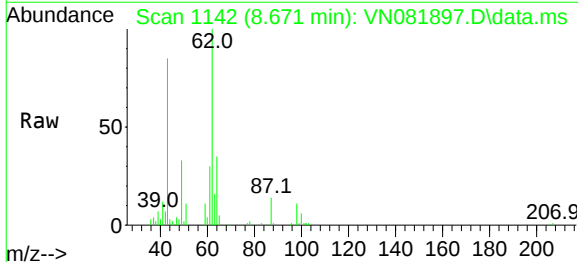
Manual Integrations
APPROVED

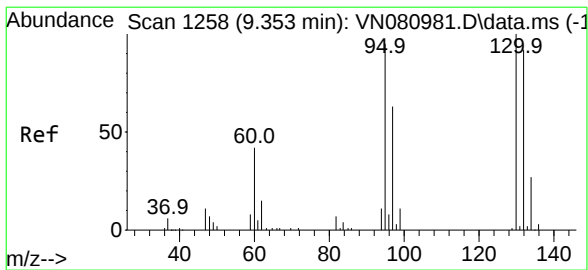
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#36
1,2-Dichloroethane
Concen: 20.440 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

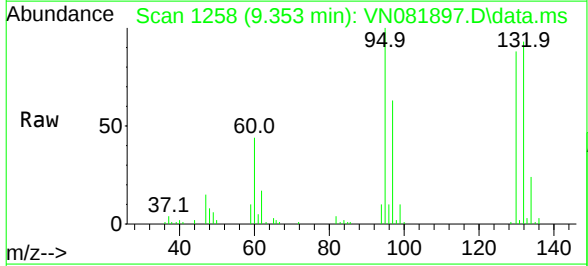
Tgt Ion: 62 Resp: 80804
Ion Ratio Lower Upper
62 100
98 9.6 8.2 12.4





#37
Trichloroethene
Concen: 18.907 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

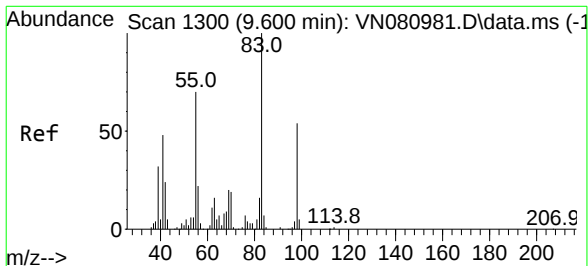
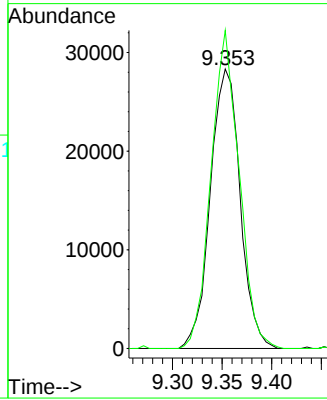
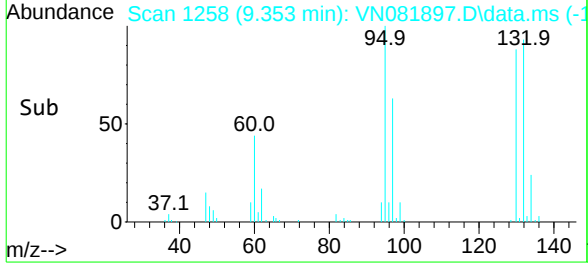
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



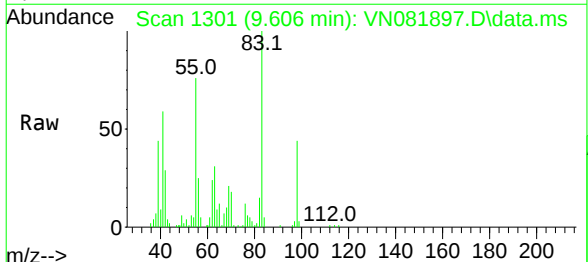
Tgt Ion: 130 Resp: 59214
Ion Ratio Lower Upper
130 100
95 113.8 80.2 120.4

Manual Integrations
APPROVED

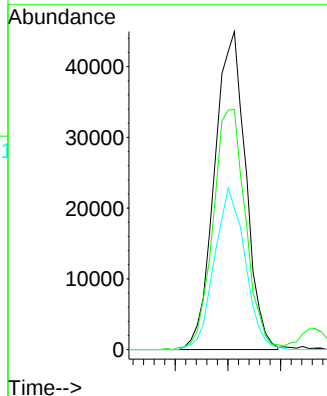
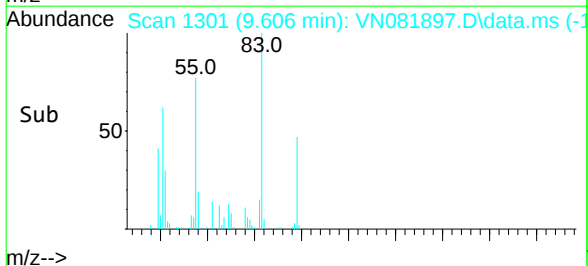
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

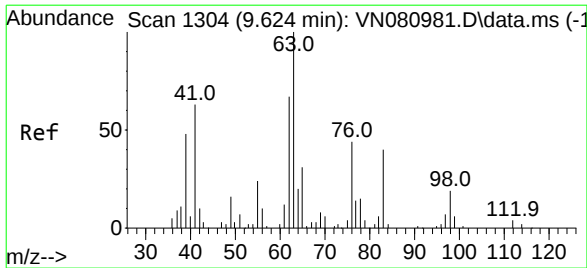


#38
Methylcyclohexane
Concen: 24.001 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57



Tgt Ion: 83 Resp: 92330
Ion Ratio Lower Upper
83 100
55 78.6 36.6 109.9
98 49.9 23.8 71.5





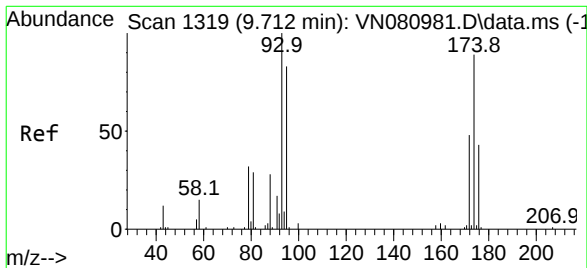
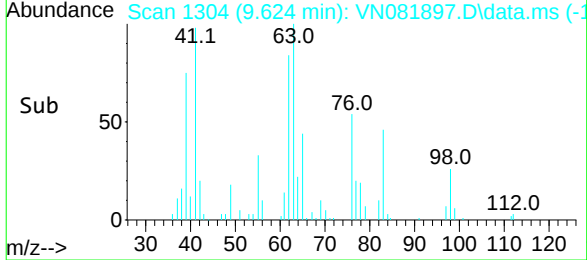
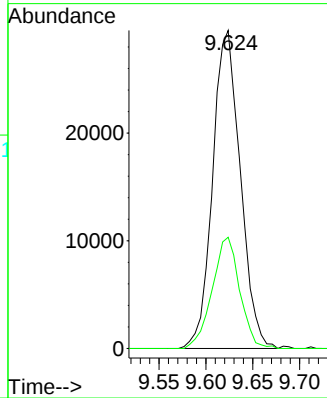
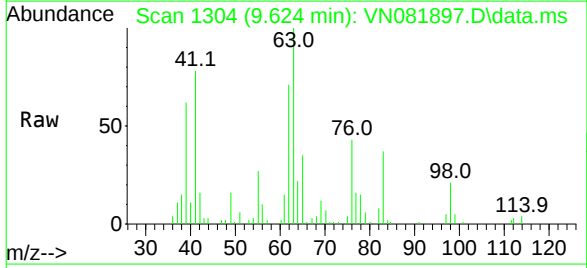
#39
1,2-Dichloropropane
Concen: 21.681 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 60579
Ion Ratio Lower Upper
63 100
65 35.0 25.0 37.4

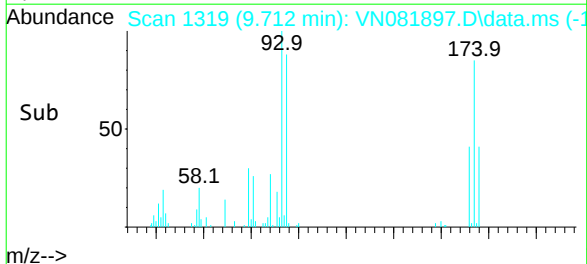
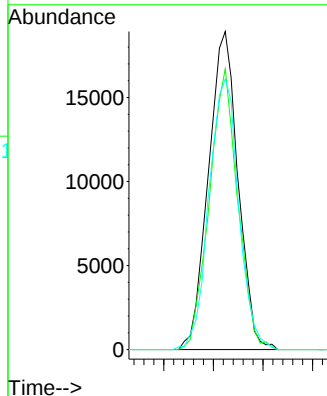
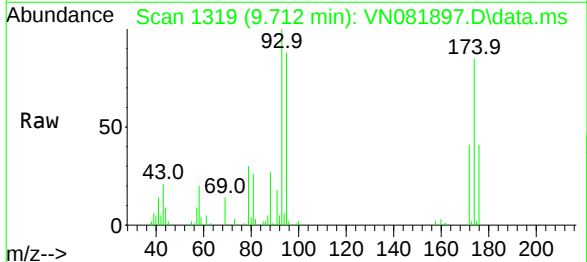
Manual Integrations
APPROVED

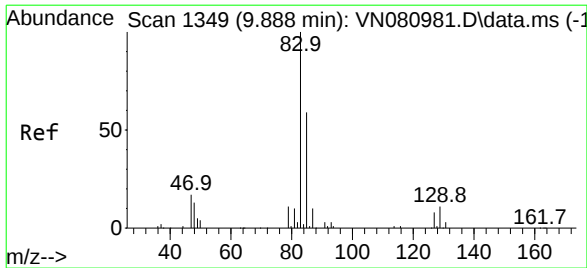
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#40
Dibromomethane
Concen: 18.480 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion: 93 Resp: 39283
Ion Ratio Lower Upper
93 100
95 84.4 0.0 164.6
174 85.5 0.0 193.2





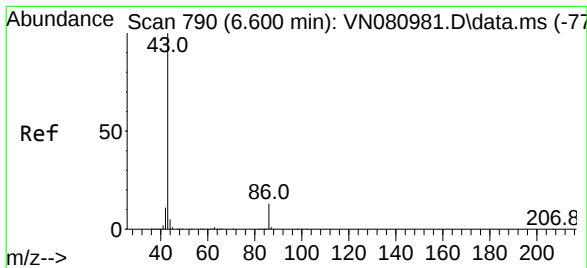
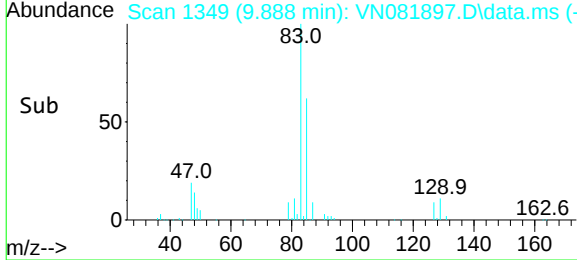
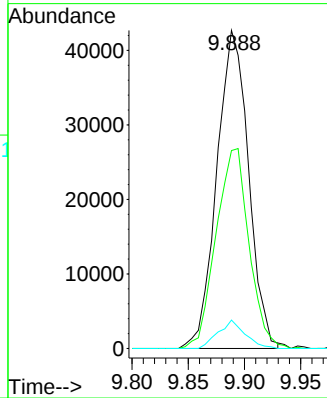
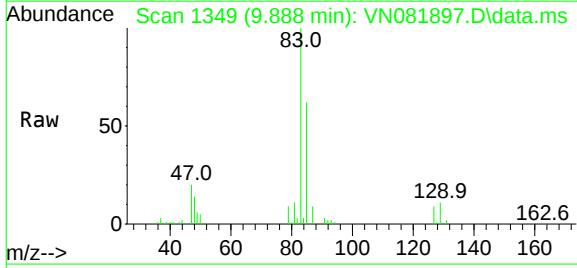
#41
Bromodichloromethane
Concen: 20.127 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 83736
Ion Ratio Lower Upper
83 100
85 62.2 49.4 74.2
127 8.9 7.3 10.9

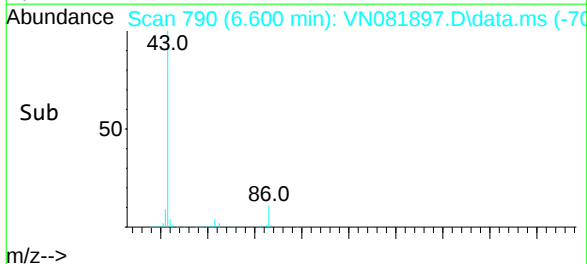
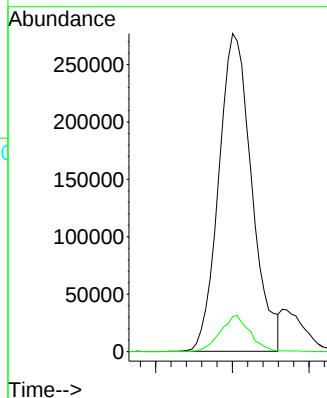
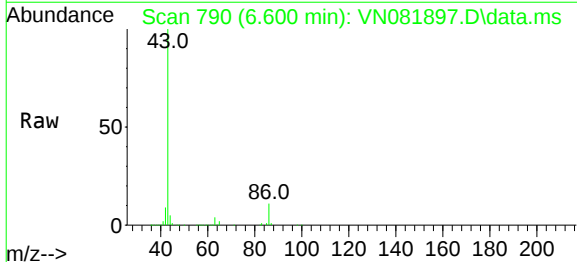
Manual Integrations
APPROVED

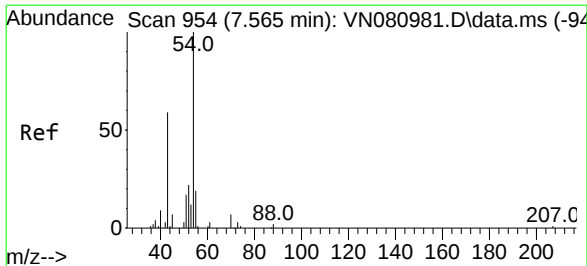
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#42
Vinyl Acetate
Concen: 136.790 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion: 43 Resp: 827510
Ion Ratio Lower Upper
43 100
86 10.2 9.4 14.2





#43

Ethyl Acetate

Concen: 28.490 ug/l

RT: 7.553 min Scan# 95

Delta R.T. -0.012 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 83924

Ion Ratio Lower Upper

43 100

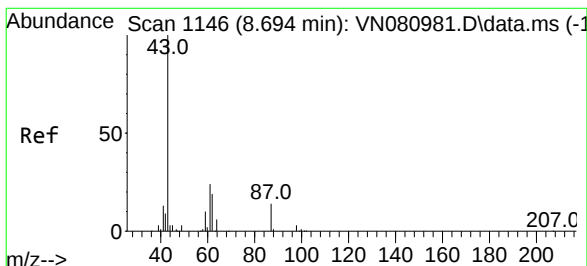
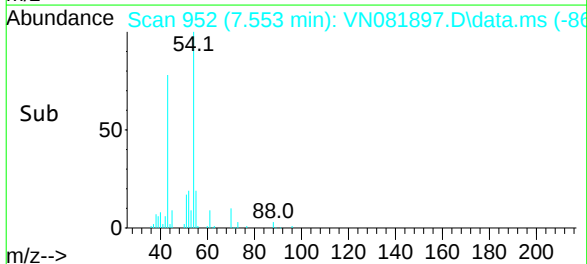
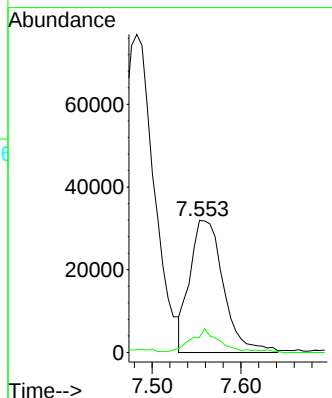
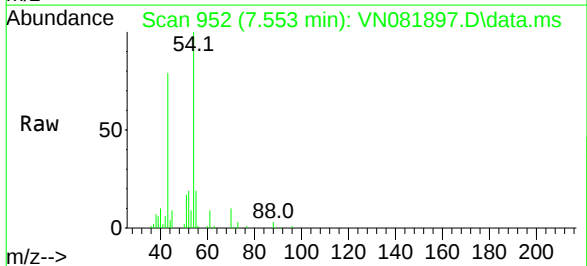
45 14.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#44

Isopropyl Acetate

Concen: 28.809 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN081897.D

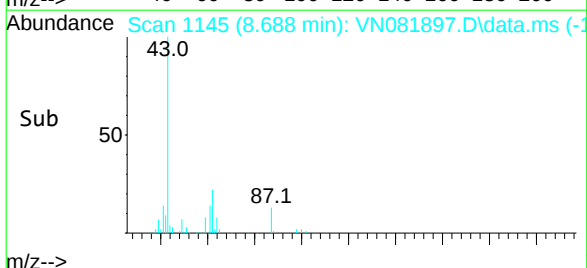
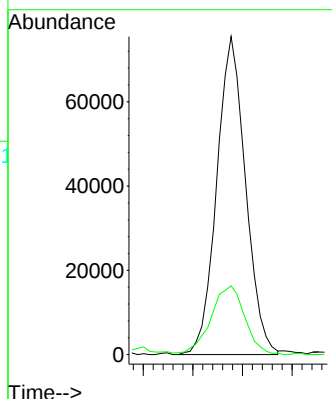
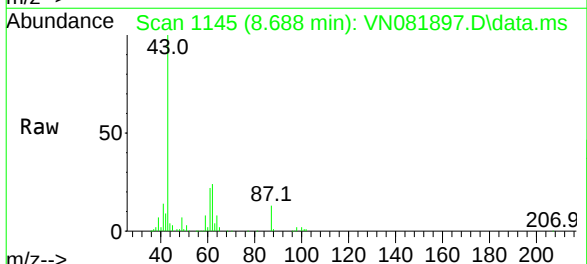
Acq: 27 Apr 2024 01:57

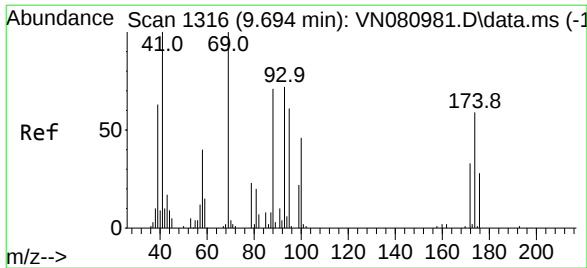
Tgt Ion: 43 Resp: 152484

Ion Ratio Lower Upper

43 100

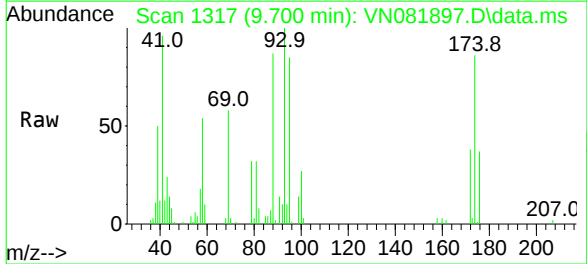
61 25.5 25.0 37.4





#45
1,4-Dioxane
Concen: 490.739 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

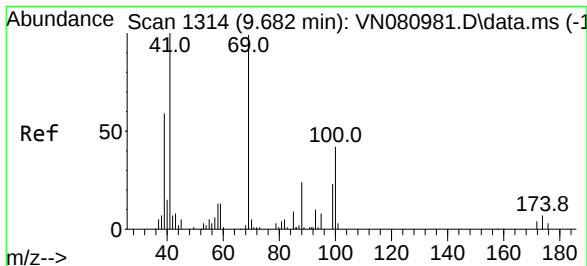
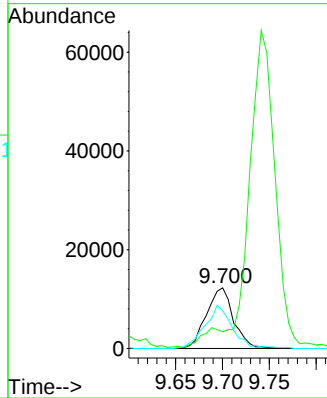
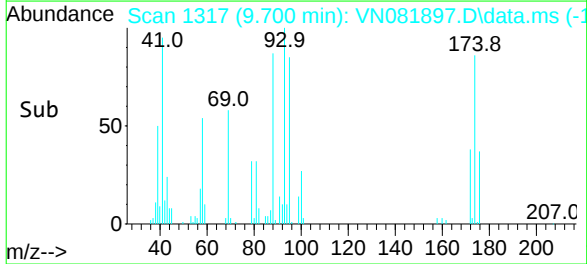
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



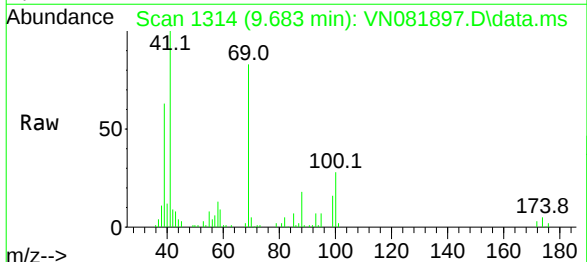
Tgt Ion: 88 Resp: 24634
Ion Ratio Lower Upper
88 100
43 25.0 19.8 29.6
58 69.6 55.4 83.0

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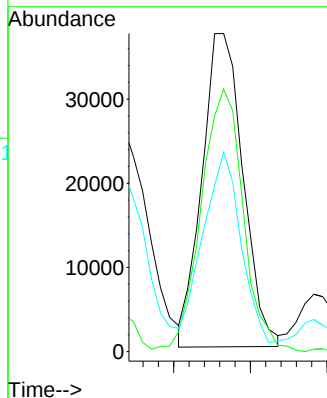
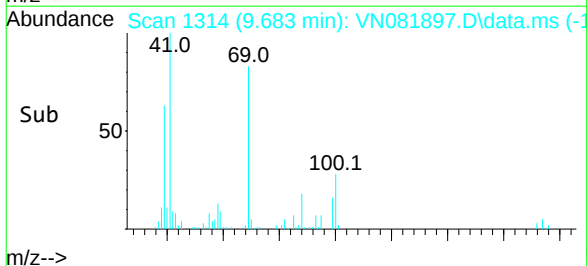
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

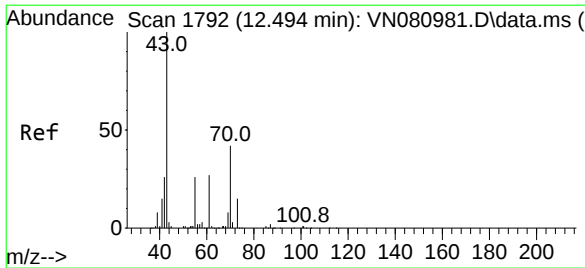


#46
Methyl methacrylate
Concen: 28.540 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57



Tgt Ion: 41 Resp: 69119
Ion Ratio Lower Upper
41 100
69 85.0 51.1 153.3
39 62.5 25.8 77.3





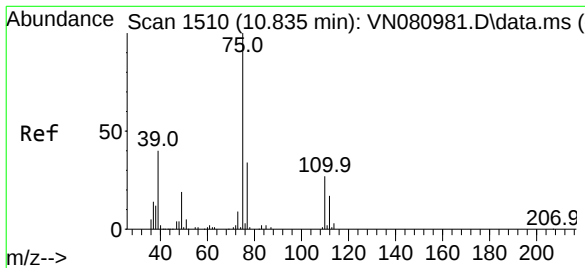
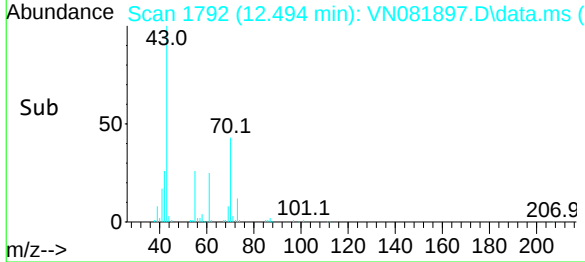
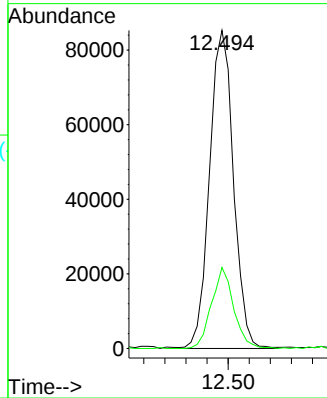
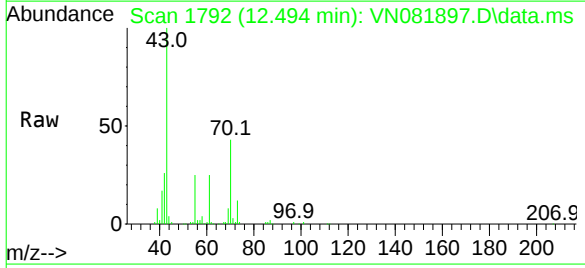
#47
n-amy1 Acetate
Concen: 29.108 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 134363
Ion Ratio Lower Upper
43 100
55 23.7 23.4 35.2

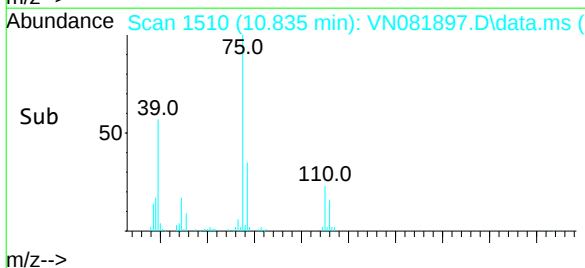
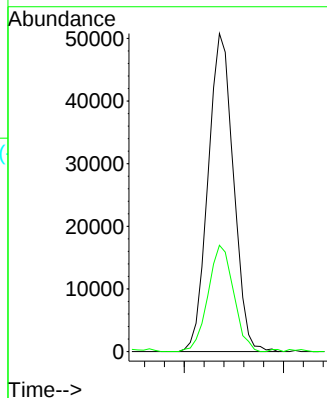
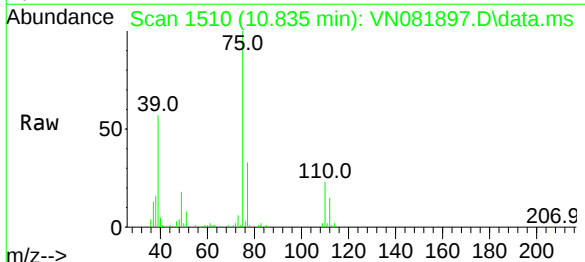
Manual Integrations
APPROVED

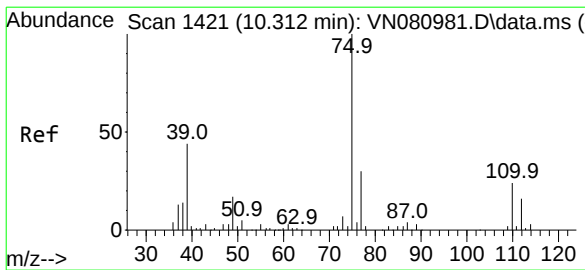
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#48
t-1,3-Dichloropropene
Concen: 20.689 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion: 75 Resp: 90209
Ion Ratio Lower Upper
75 100
77 33.4 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 20.658 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

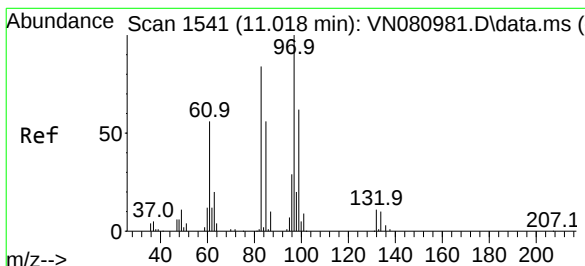
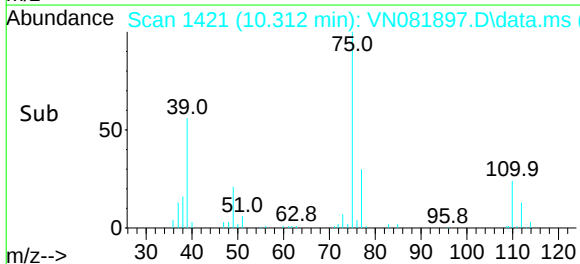
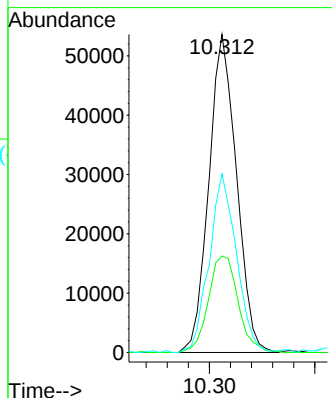
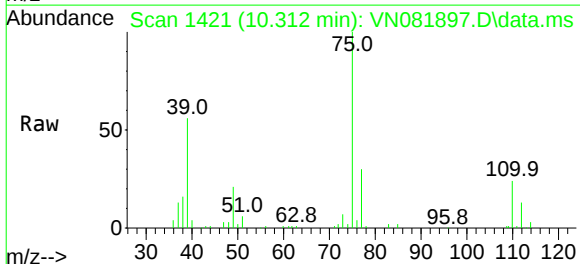
Tgt Ion: 75	Resp: 97603
Ion Ratio	Lower Upper
75 100	
77 30.4	24.9 37.3
39 56.1	31.0 46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#50

1,1,2-Trichloroethane

Concen: 18.618 ug/l

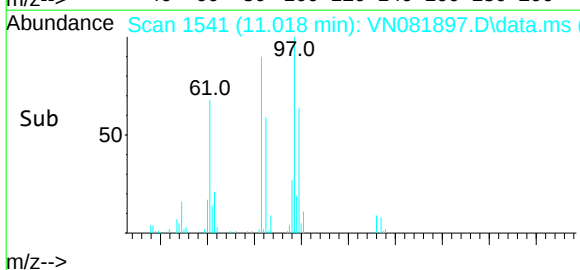
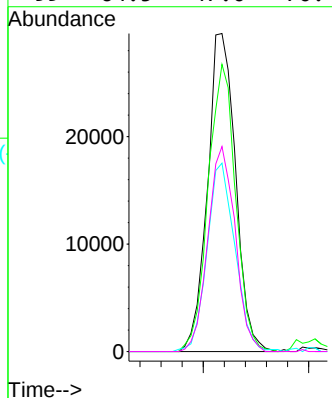
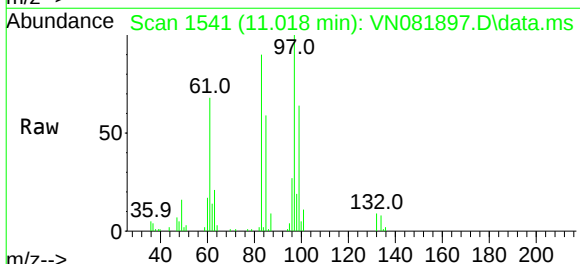
RT: 11.018 min Scan# 1541

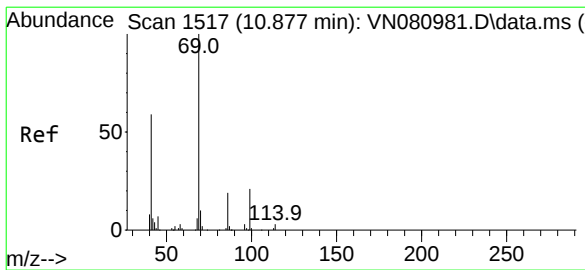
Delta R.T. 0.000 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Tgt Ion: 97	Resp: 54761
Ion Ratio	Lower Upper
97 100	
83 90.3	68.1 102.1
85 58.6	41.8 62.6
99 64.5	47.0 70.4





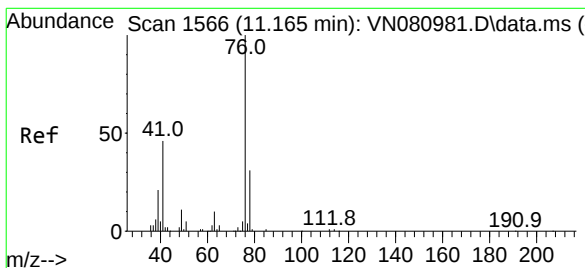
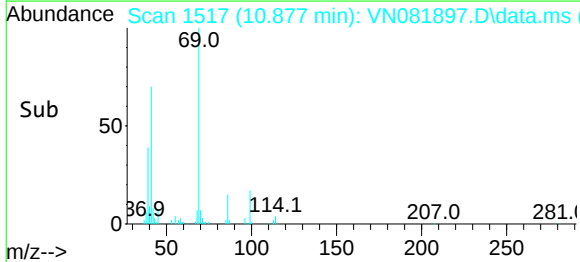
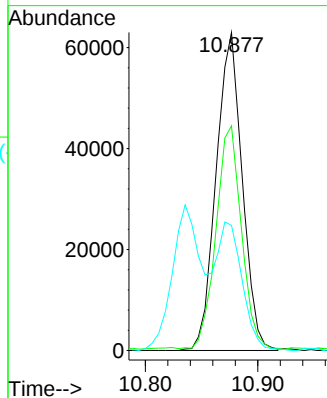
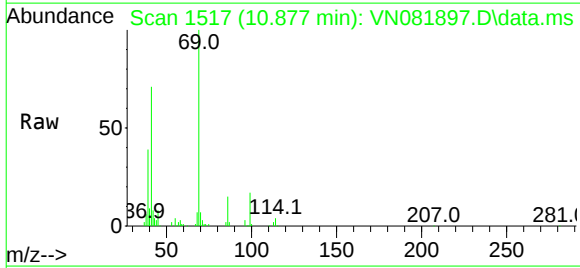
#51
Ethyl methacrylate
Concen: 24.707 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 101566
Ion Ratio Lower Upper
69 100
41 70.0 25.5 76.5
39 38.9 16.0 47.9

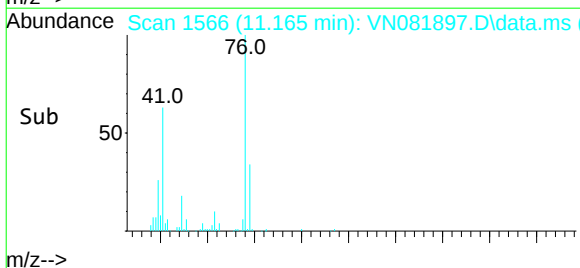
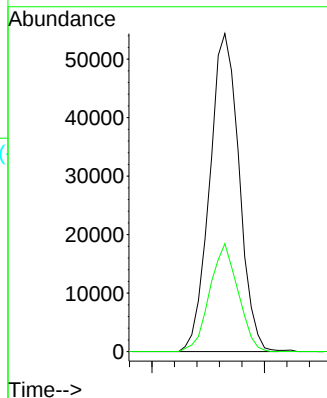
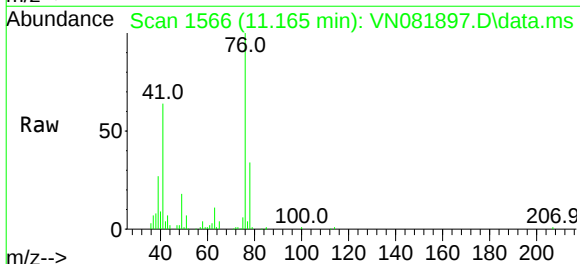
Manual Integrations
APPROVED

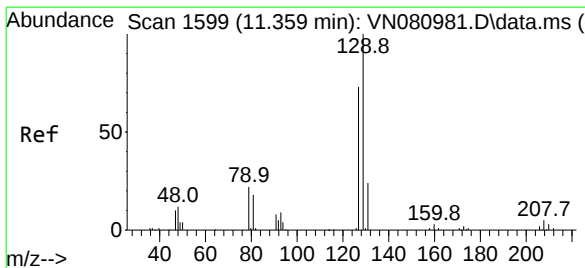
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
1,3-Dichloropropane
Concen: 20.367 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion: 76 Resp: 98925
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.8





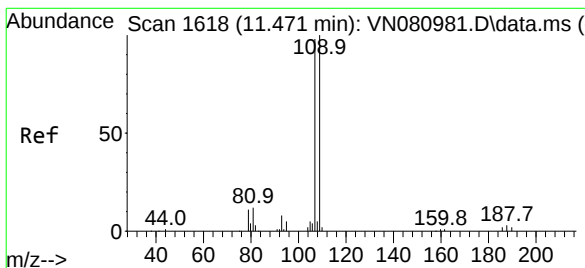
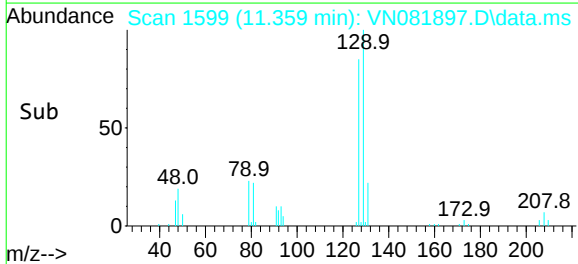
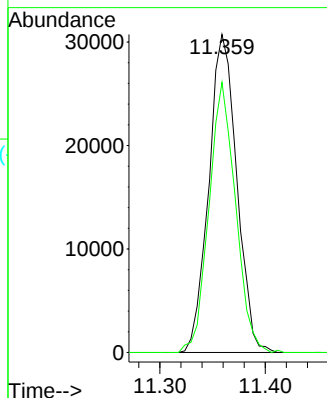
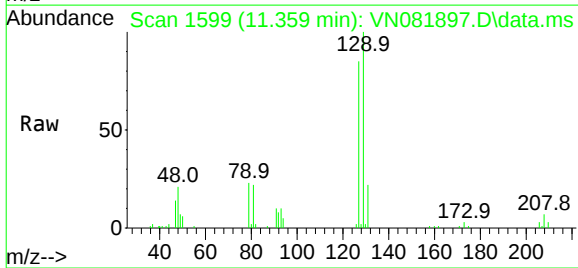
#53
Dibromochloromethane
Concen: 17.705 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 56760
Ion Ratio Lower Upper
129 100
127 80.5 39.4 118.1

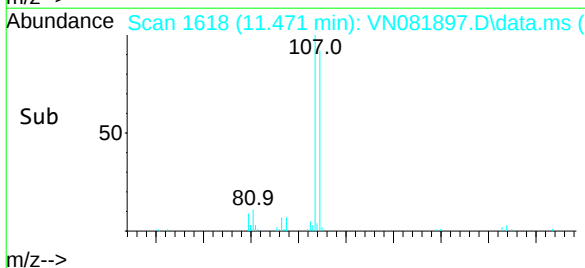
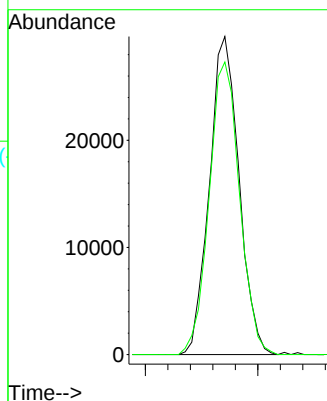
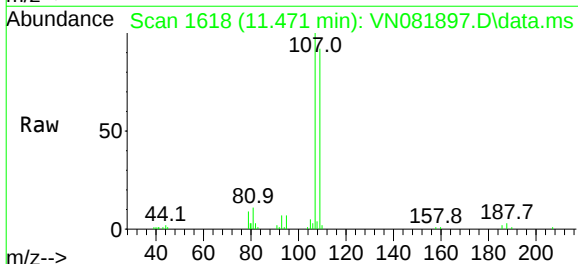
Manual Integrations
APPROVED

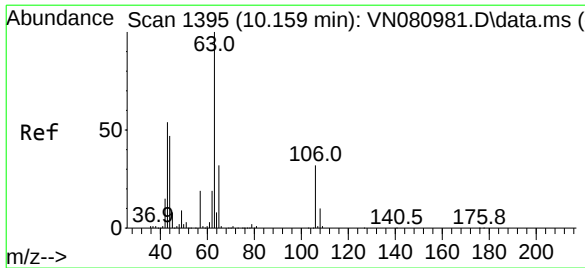
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
1,2-Dibromoethane
Concen: 17.849 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion:107 Resp: 54313
Ion Ratio Lower Upper
107 100
109 94.5 74.7 112.1





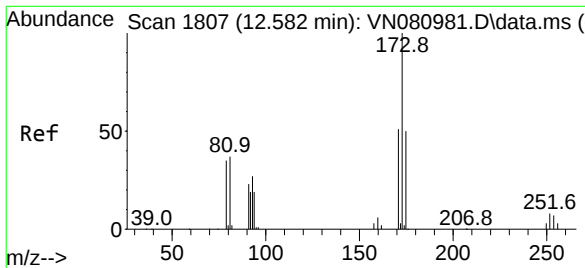
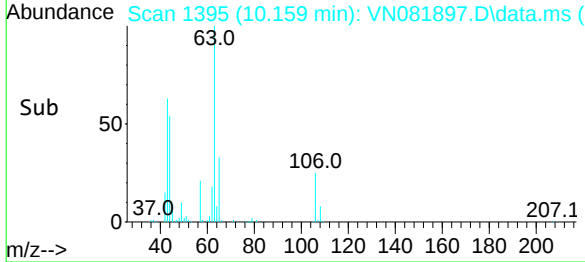
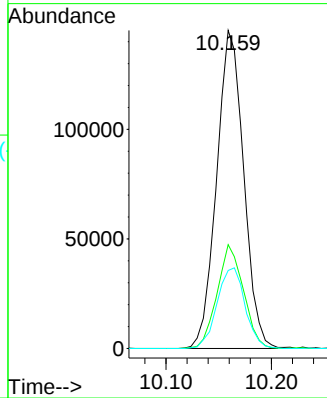
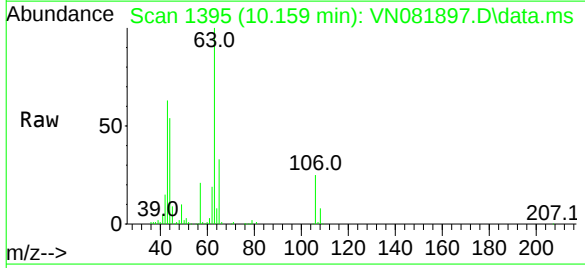
#55
2-Chloroethyl vinyl ether
Concen: 122.830 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	63	Resp:	258760
Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.2	39.2
106	26.2	23.8	35.8

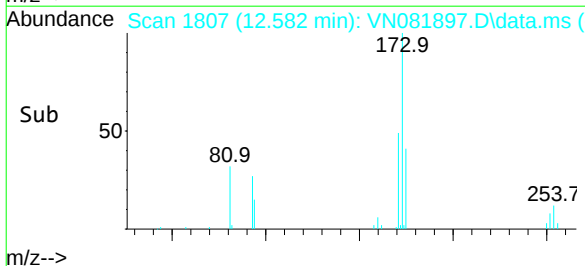
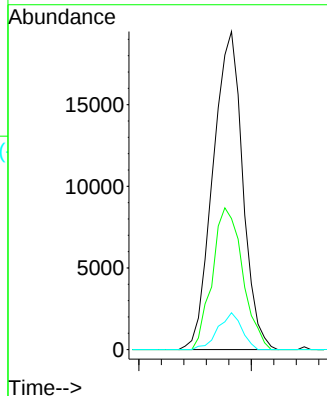
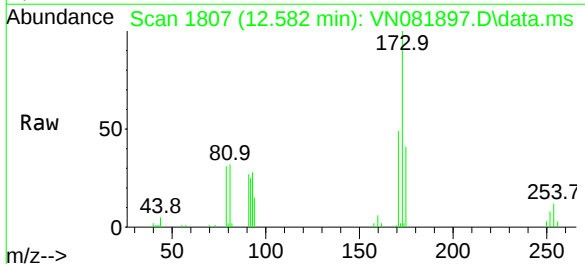
Manual Integrations
APPROVED

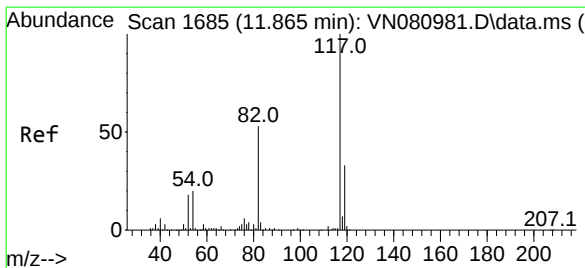
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#56
Bromoform
Concen: 17.498 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion:	173	Resp:	35726
Ion	Ratio	Lower	Upper
173	100		
175	45.5	40.0	60.0
254	9.3	8.3	12.5





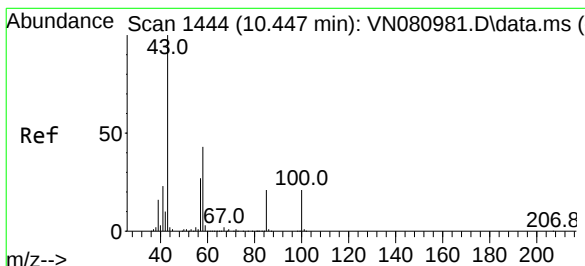
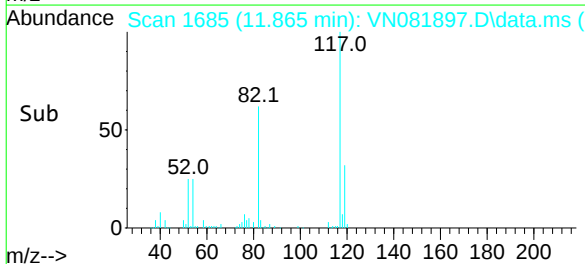
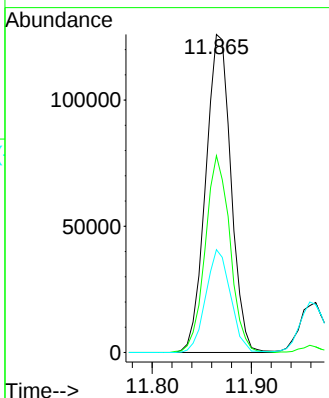
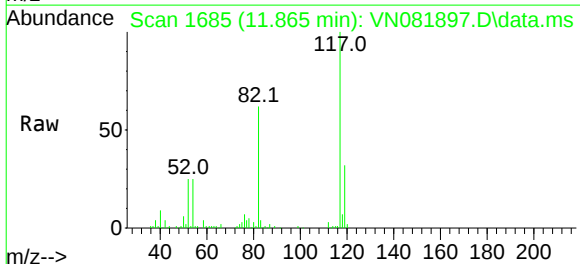
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	117	Resp:	223841
Ion	Ratio	Lower	Upper
117	100		
82	60.6	46.6	69.8
119	31.6	25.4	38.2

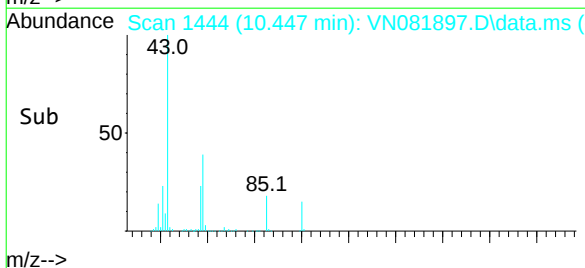
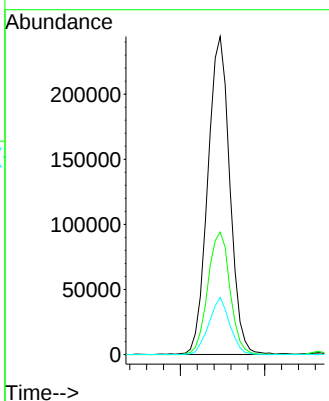
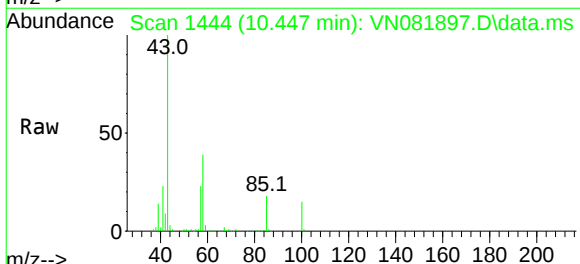
Manual Integrations
APPROVED

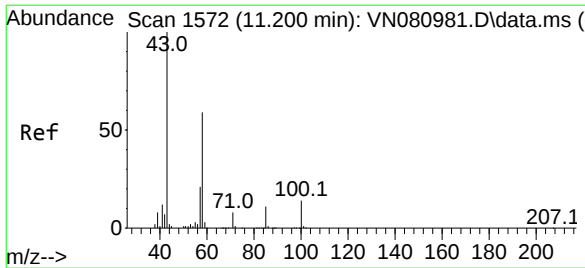
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#58
4-Methyl-2-Pentanone
Concen: 152.530 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion:	43	Resp:	443264
Ion	Ratio	Lower	Upper
43	100		
58	38.8	36.5	54.7
85	17.1	19.5	29.3





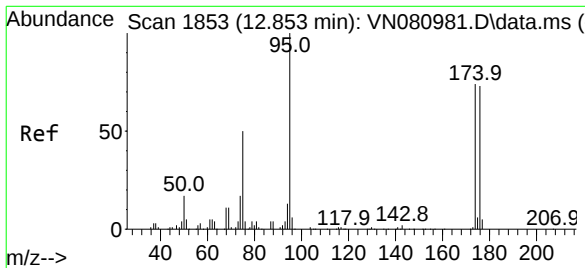
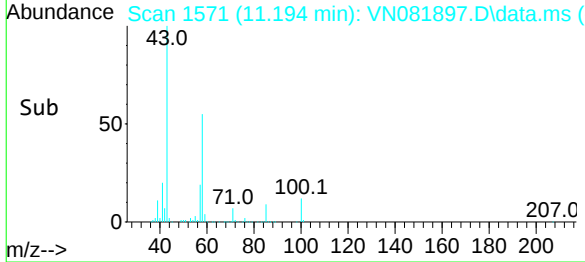
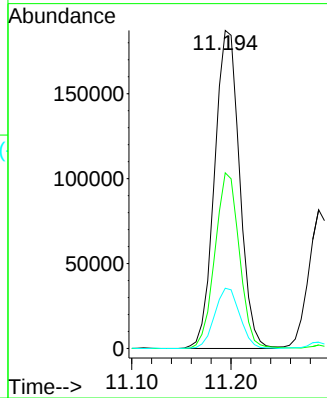
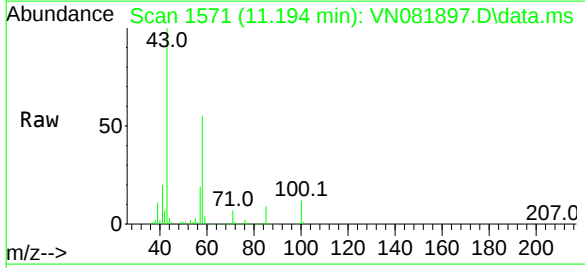
#59
2-Hexanone
Concen: 153.650 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	43	Resp:	328414
Ion	Ratio	Lower	Upper
43	100		
58	53.9	50.4	75.6
57	19.0	18.6	27.8

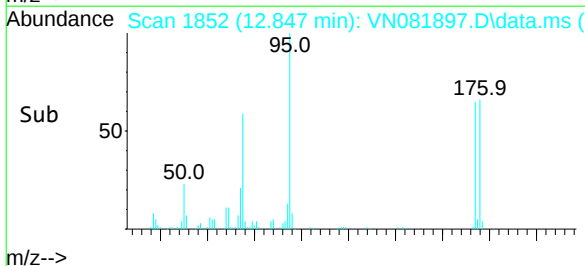
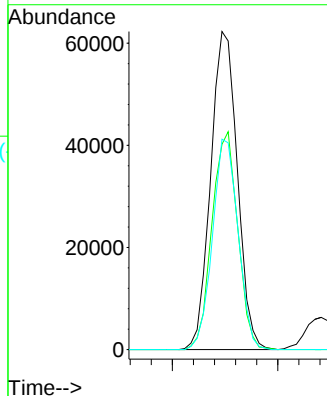
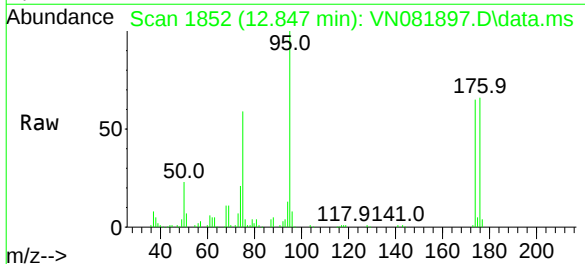
Manual Integrations
APPROVED

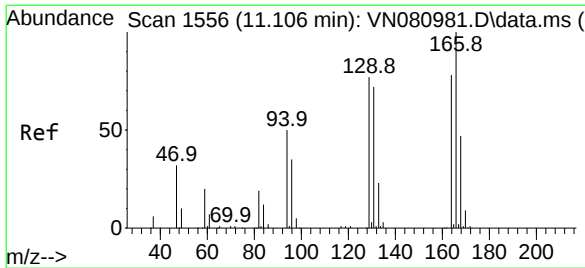
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#60
4-Bromofluorobenzene
Concen: 31.964 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

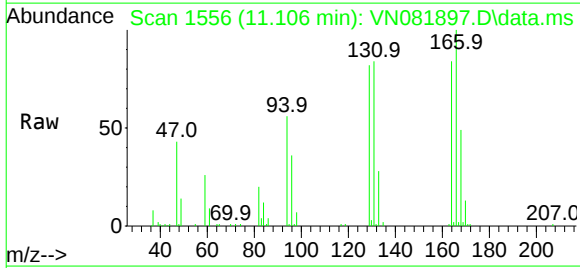
Tgt Ion:	95	Resp:	109381
Ion	Ratio	Lower	Upper
95	100		
174	66.0	60.5	90.7
176	63.6	57.8	86.6





#61
Tetrachloroethene
Concen: 20.172 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

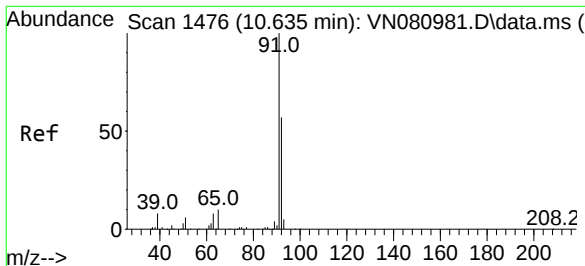
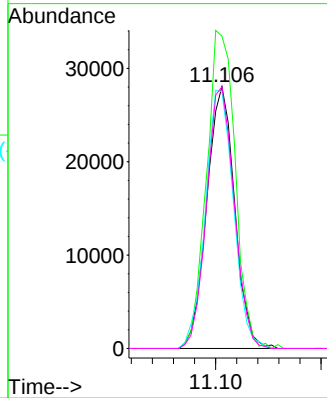
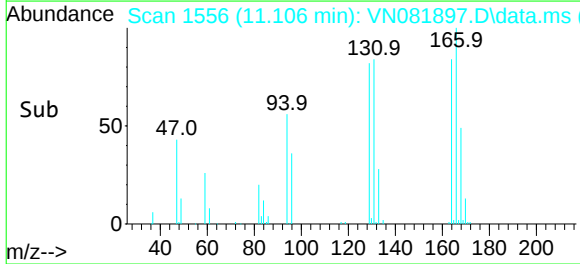
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 51577
Ion Ratio Lower Upper
164 100
166 119.2 106.7 160.1
129 98.0 85.8 128.6
131 99.9 79.1 118.7

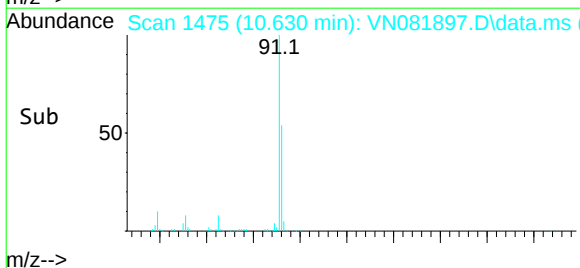
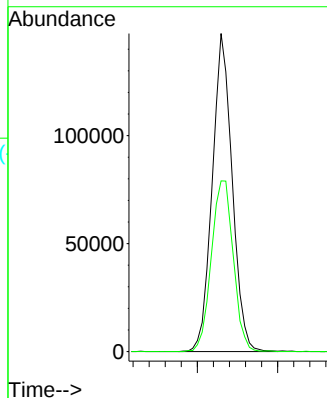
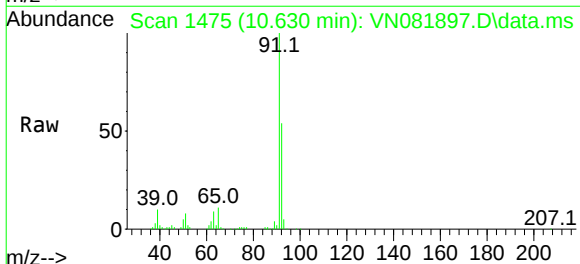
Manual Integrations
APPROVED

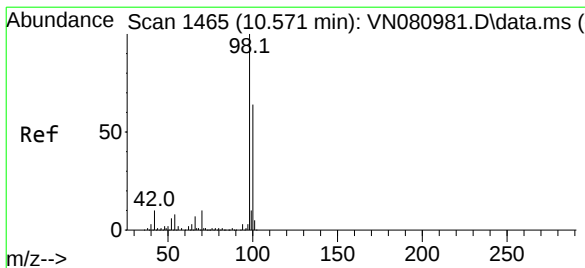
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
Toluene
Concen: 20.694 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion: 91 Resp: 253739
Ion Ratio Lower Upper
91 100
92 59.1 46.5 69.7





#63

Toluene-d8

Concen: 32.001 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 98 Resp: 321457

Ion Ratio Lower Upper

98 100

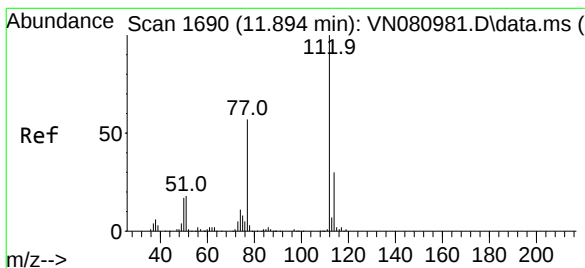
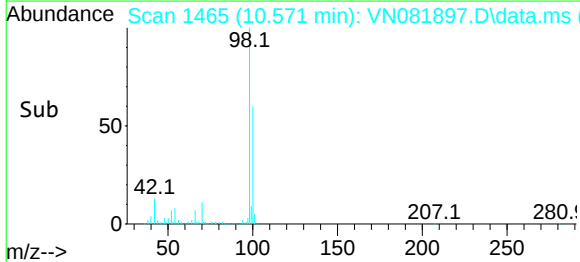
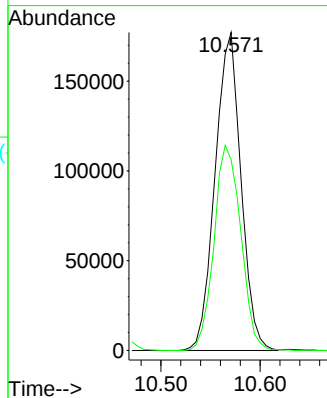
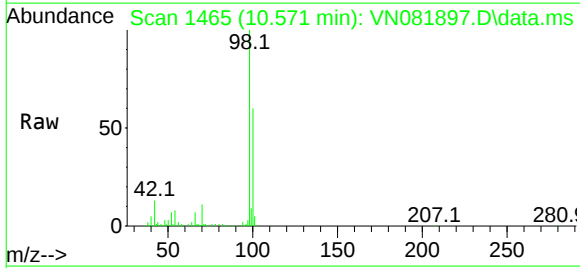
100 66.5 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#64

Chlorobenzene

Concen: 20.859 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN081897.D

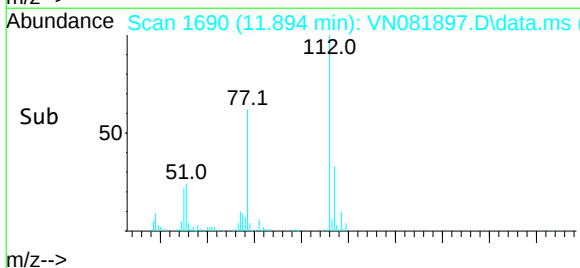
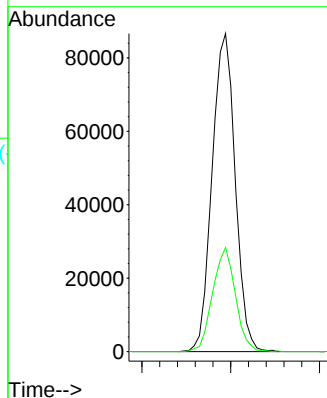
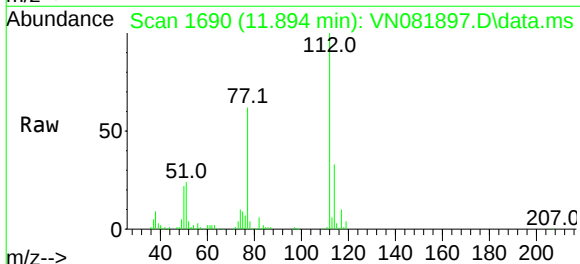
Acq: 27 Apr 2024 01:57

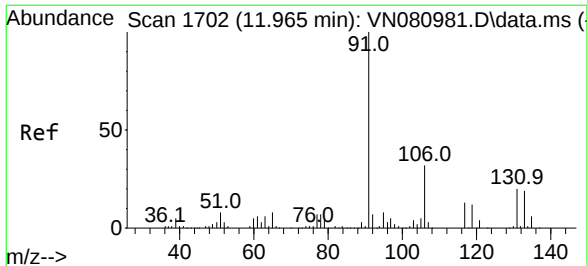
Tgt Ion:112 Resp: 156645

Ion Ratio Lower Upper

112 100

114 32.7 26.6 39.8





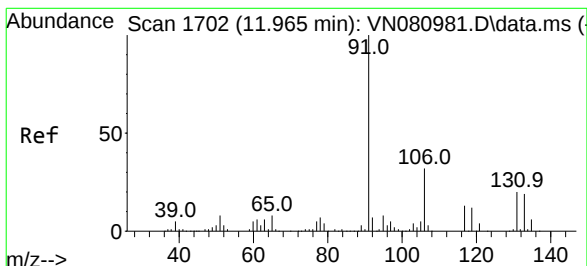
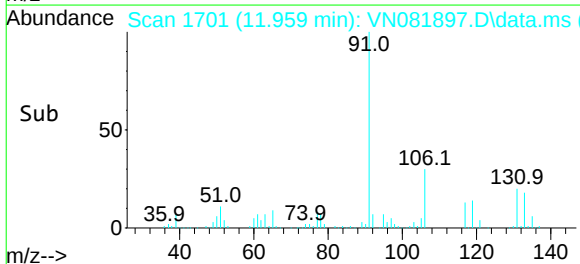
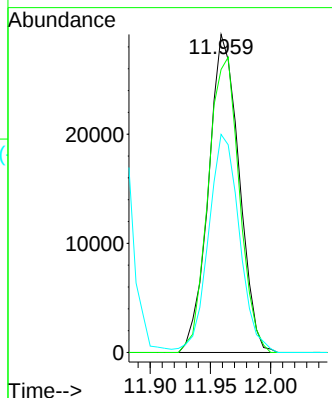
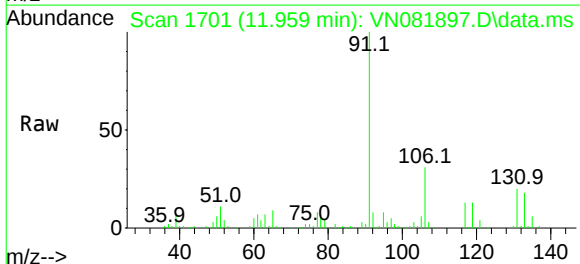
#65
1,1,1,2-Tetrachloroethane
Concen: 18.428 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	0.0	188.0
119	69.4	0.0	122.8

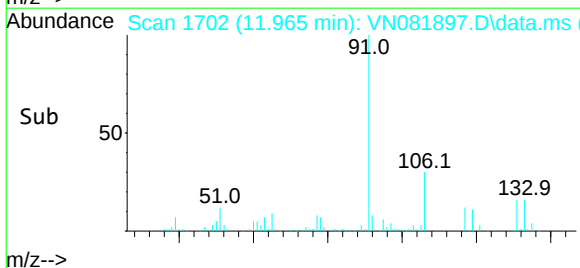
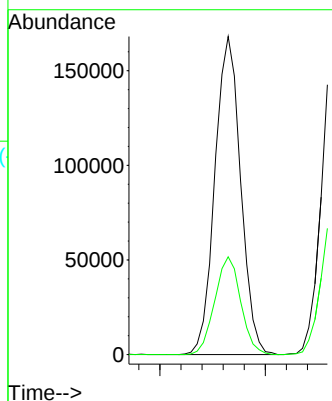
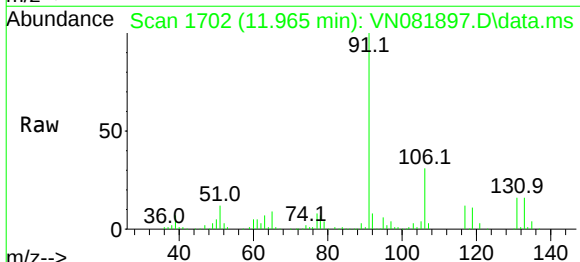
Manual Integrations
APPROVED

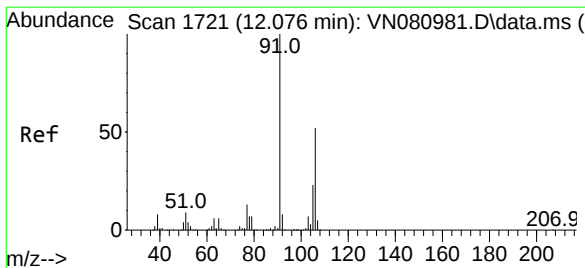
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#66
Ethyl Benzene
Concen: 22.150 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.4	36.6





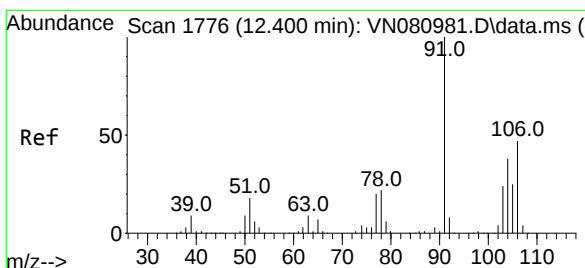
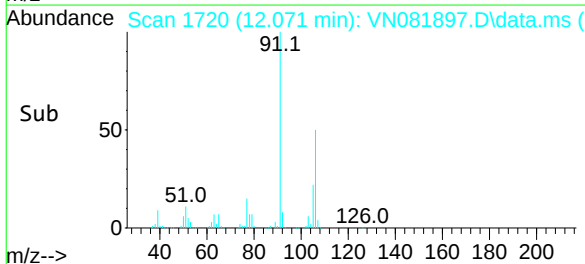
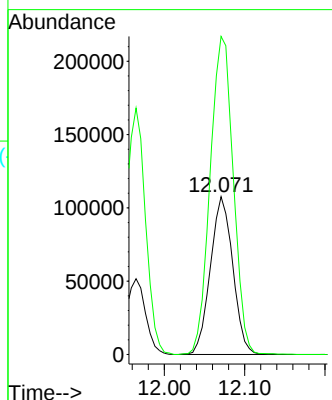
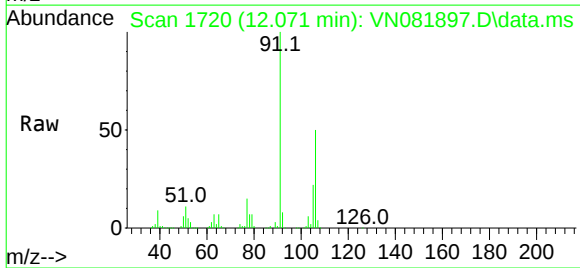
#67
m/p-Xylenes
Concen: 41.213 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 208661
Ion Ratio Lower Upper
106 100
91 208.4 166.6 249.8

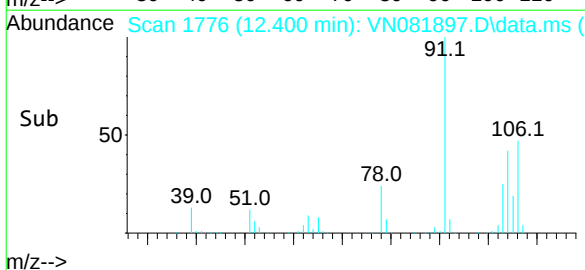
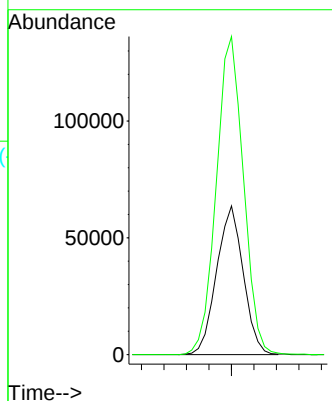
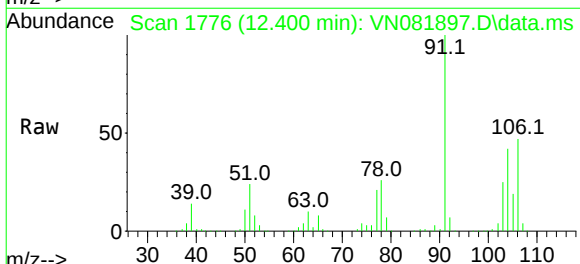
Manual Integrations
APPROVED

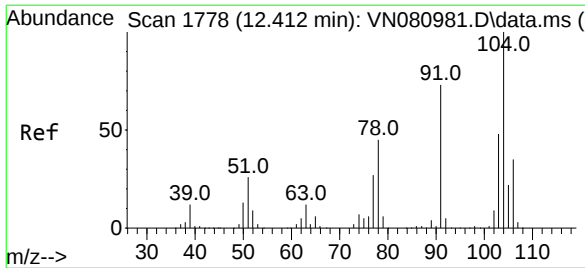
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#68
o-Xylene
Concen: 21.124 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion:106 Resp: 104813
Ion Ratio Lower Upper
106 100
91 217.6 110.0 330.0





#69

Styrene

Concen: 20.831 ug/l

RT: 12.412 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

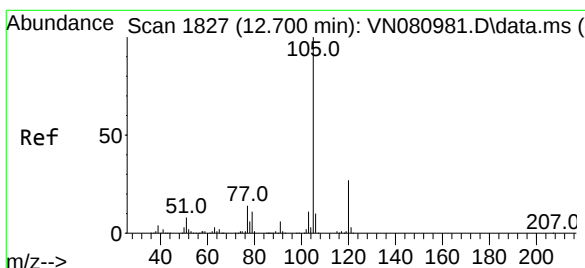
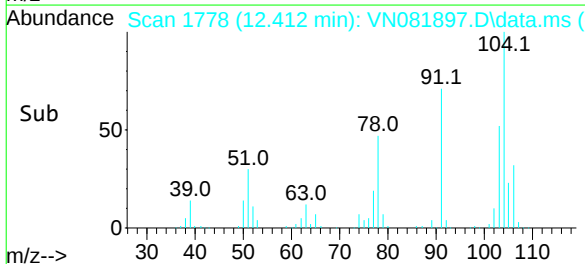
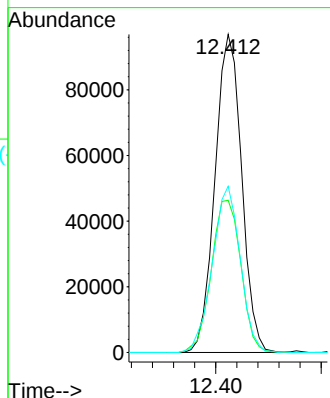
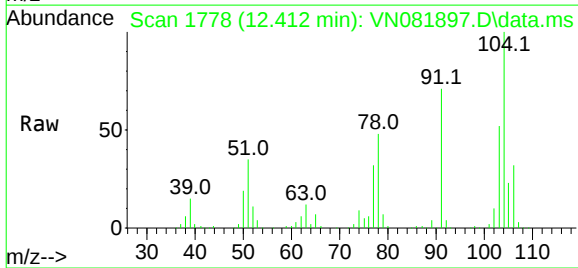
Tgt Ion:	104	Resp:	170161
Ion	Ratio	Lower	Upper
104	100		
78	53.0	42.6	64.0
103	54.6	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#70

Isopropylbenzene

Concen: 21.889 ug/l

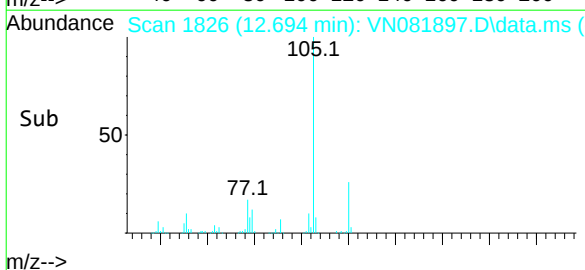
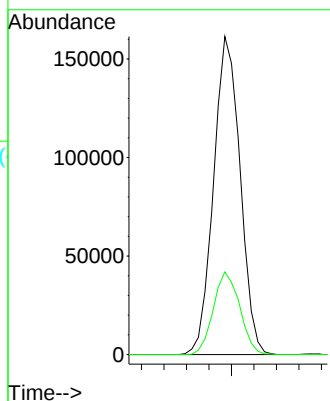
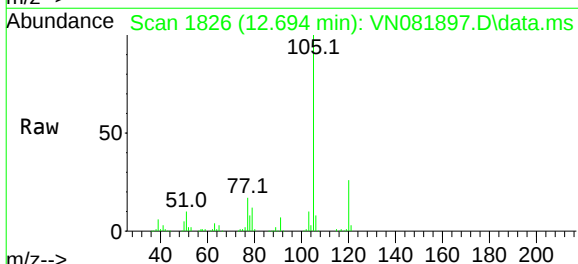
RT: 12.694 min Scan# 1826

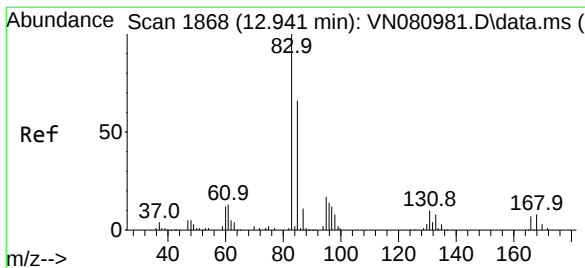
Delta R.T. -0.006 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Tgt Ion:	105	Resp:	264686
Ion	Ratio	Lower	Upper
105	100		
120	25.8	17.8	33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 20.684 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

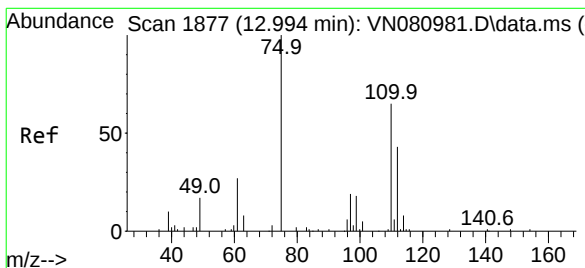
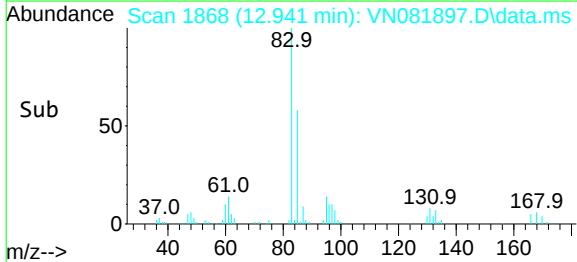
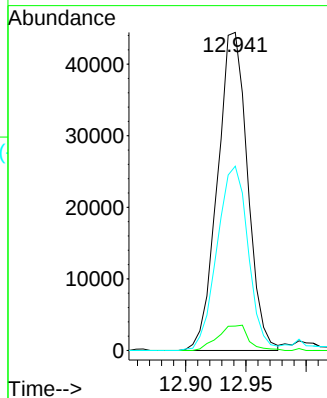
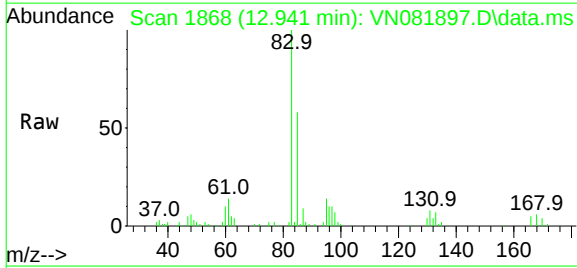
Tgt Ion:	83	Resp:	77124
Ion	Ratio	Lower	Upper
83	100		
131	8.1	5.2	15.6
85	60.0	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#72

1,2,3-Trichloropropane

Concen: 20.179 ug/l m

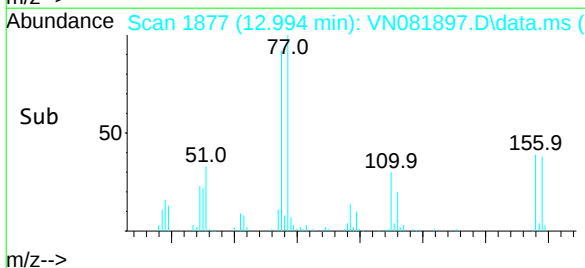
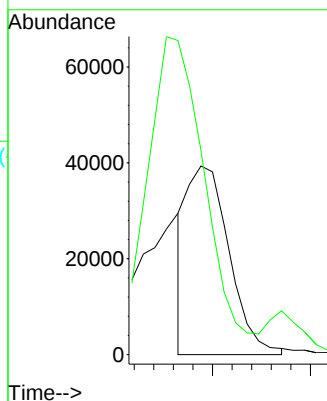
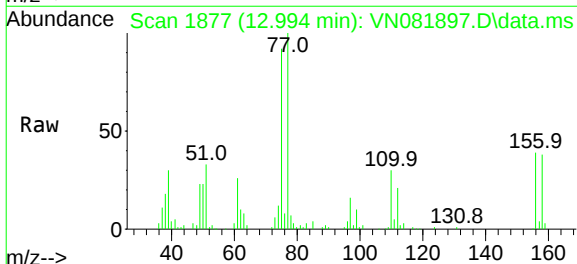
RT: 12.994 min Scan# 1877

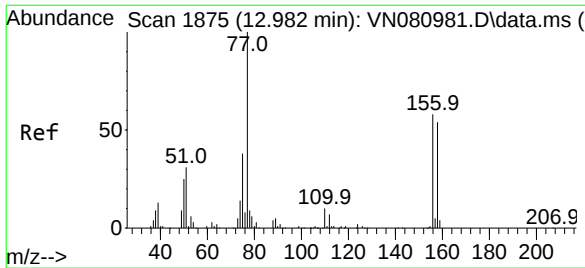
Delta R.T. 0.000 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Tgt Ion:	75	Resp:	58899
Ion	Ratio	Lower	Upper
75	100		
77	234.4	0.0	367.6





#73

Bromobenzene

Concen: 18.012 ug/l

RT: 12.982 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

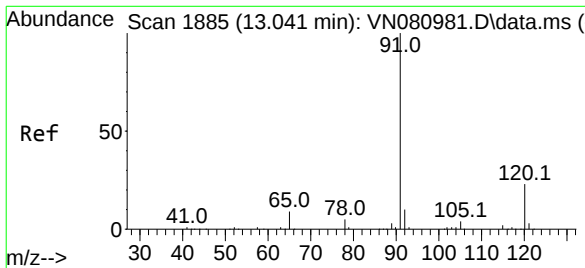
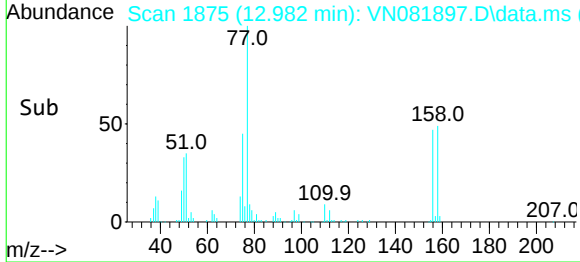
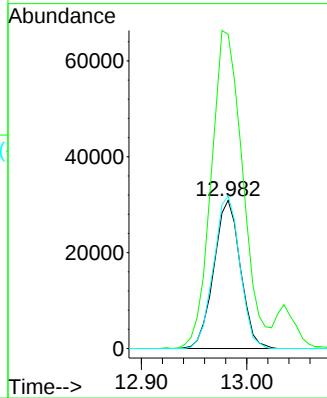
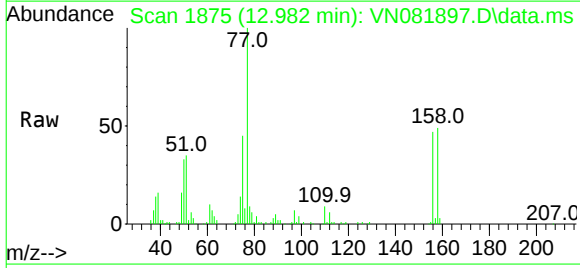
Tgt Ion:	156	Resp:	54161
Ion Ratio	Lower	Upper	
156	100		
77	254.9	0.0	437.6
158	101.7	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#74

n-propylbenzene

Concen: 22.551 ug/l

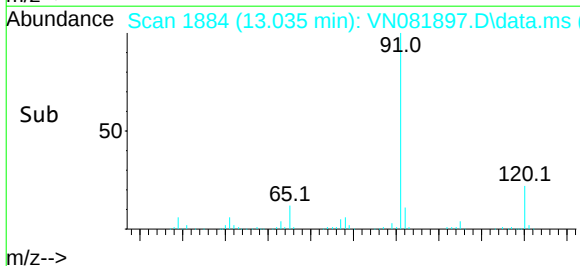
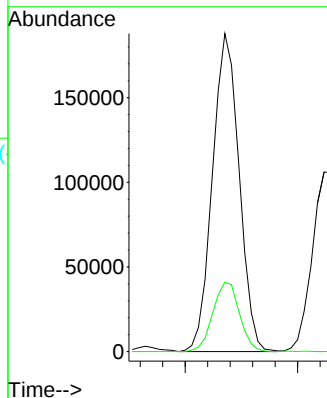
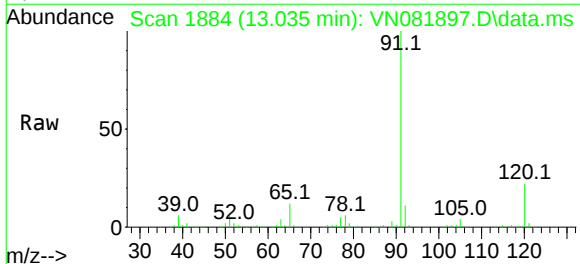
RT: 13.035 min Scan# 1884

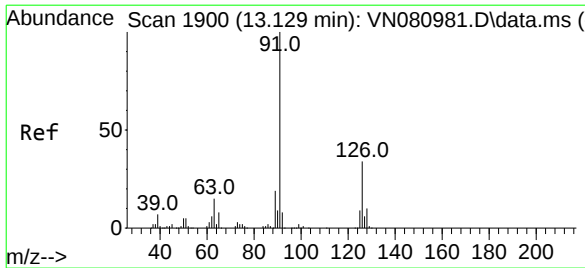
Delta R.T. -0.006 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

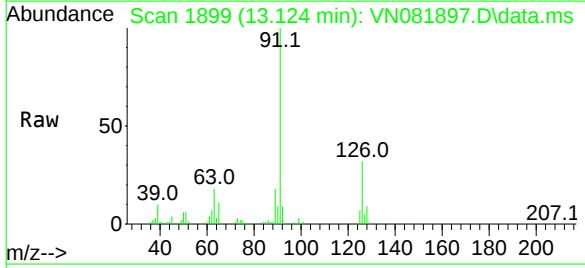
Tgt Ion:	91	Resp:	309908
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	43.8





#75
2-Chlorotoluene
Concen: 22.275 ug/l
RT: 13.124 min Scan# 18
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

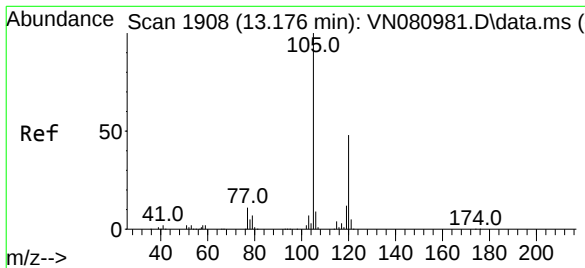
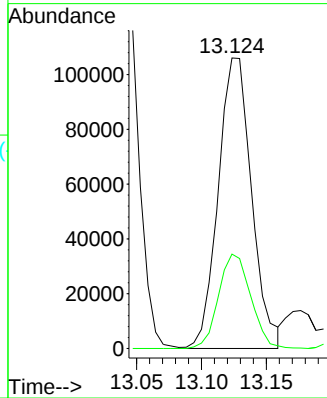
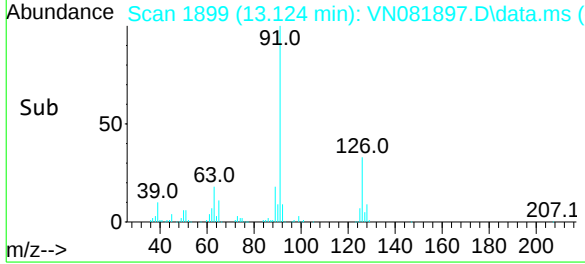
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 190026
Ion Ratio Lower Upper
91 100
126 31.2 0.0 61.2

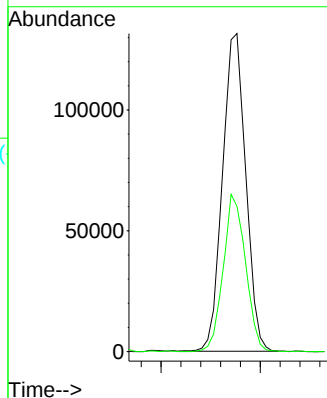
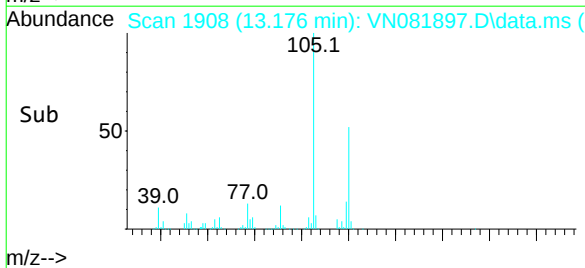
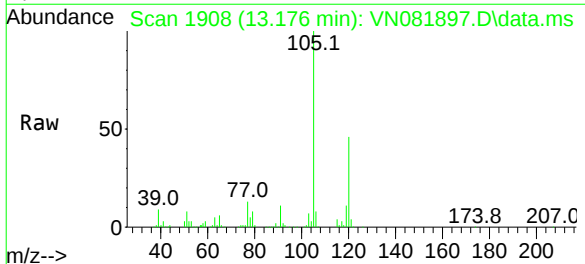
Manual Integrations
APPROVED

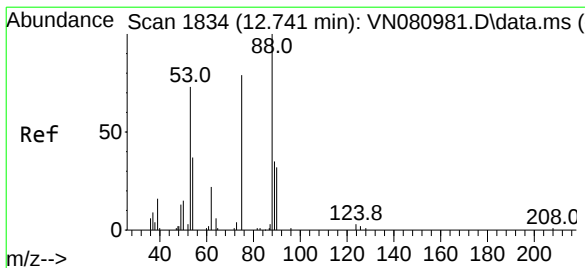
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.644 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

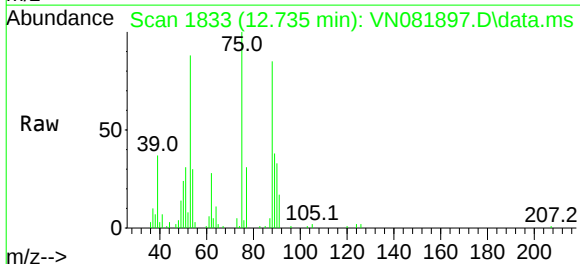
Tgt Ion:105 Resp: 214143
Ion Ratio Lower Upper
105 100
120 47.4 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 27.562 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

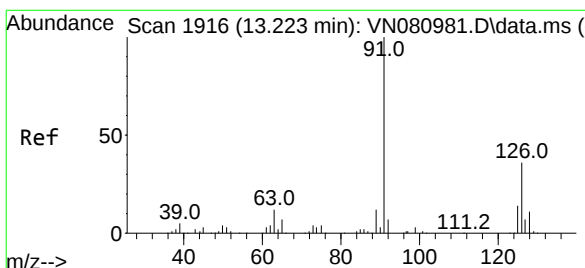
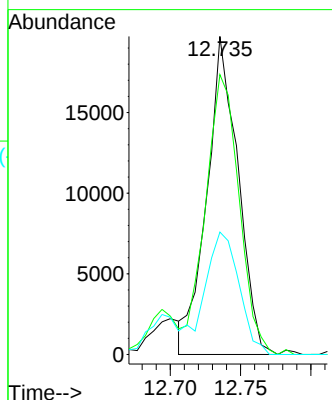
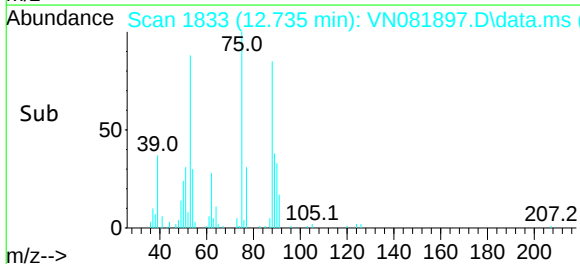
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 30444
Ion Ratio Lower Upper
75 100
53 88.0 45.9 137.7
89 38.5 25.9 77.7

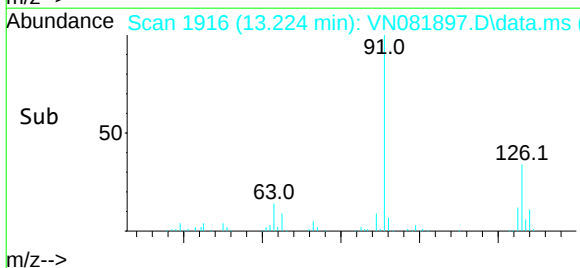
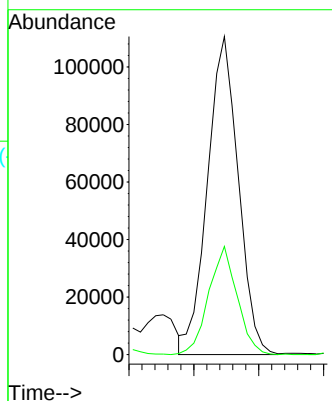
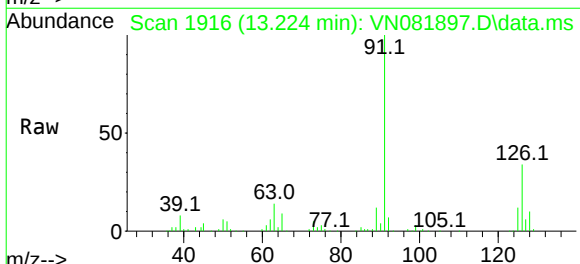
Manual Integrations
APPROVED

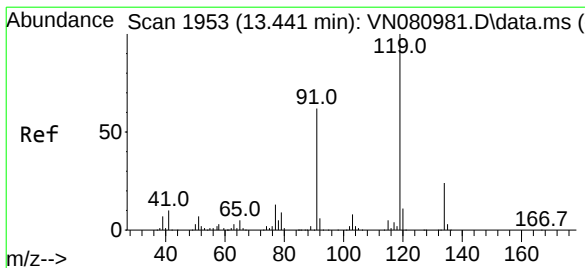
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#78
4-Chlorotoluene
Concen: 21.393 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion: 91 Resp: 182795
Ion Ratio Lower Upper
91 100
126 31.4 0.0 62.8





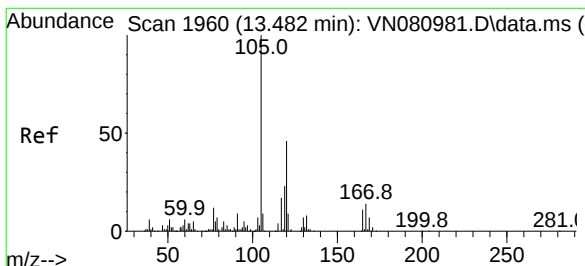
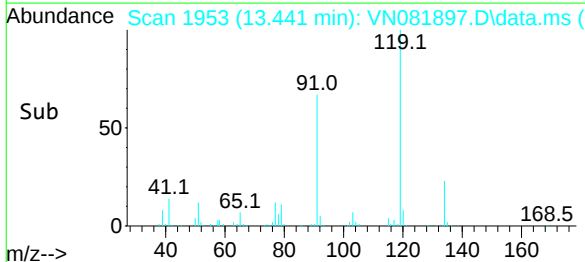
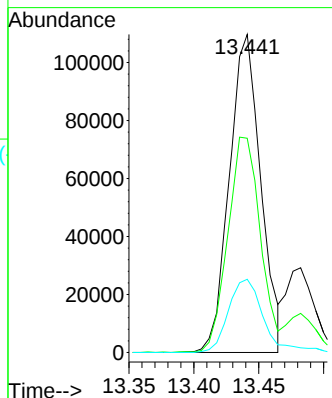
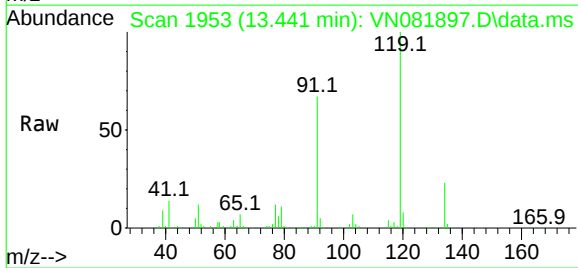
#79
tert-butylbenzene
Concen: 22.504 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 184829
Ion Ratio Lower Upper
119 100
91 69.9 0.0 138.8
134 24.4 0.0 48.6

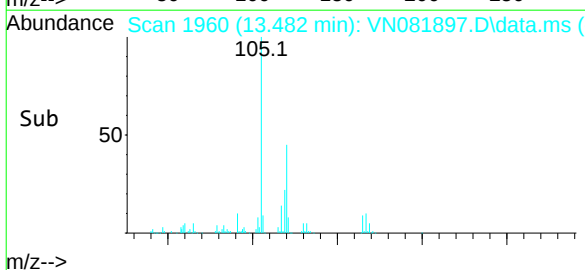
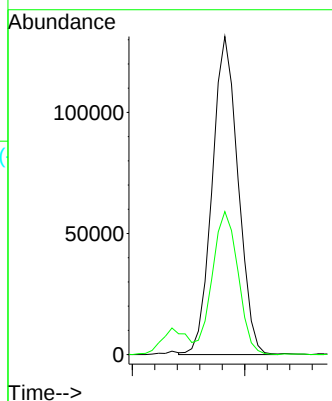
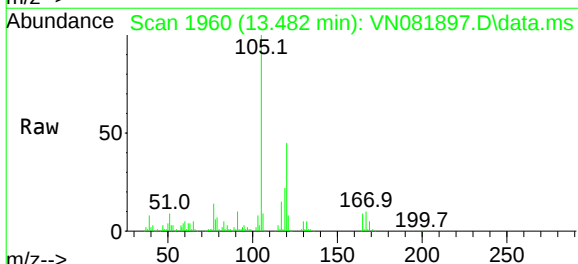
Manual Integrations
APPROVED

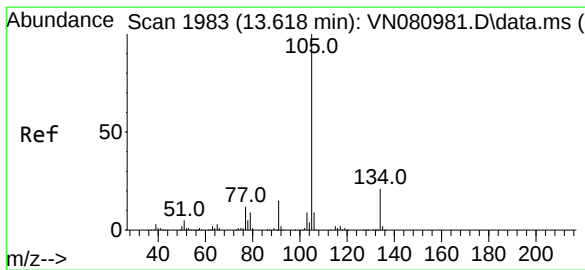
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.327 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion:105 Resp: 210234
Ion Ratio Lower Upper
105 100
120 45.0 0.0 86.8





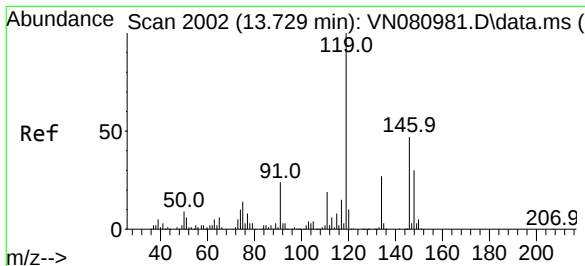
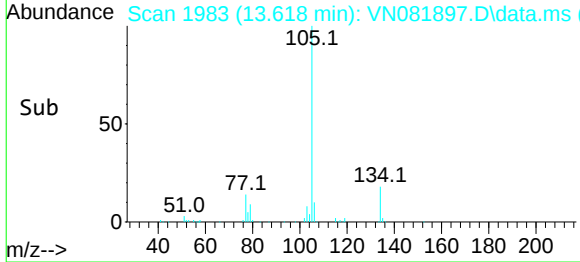
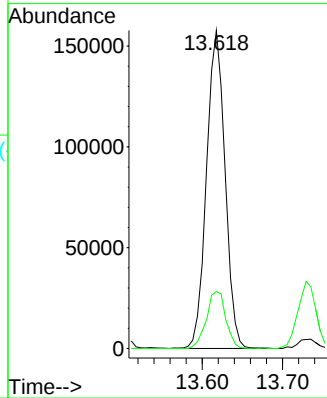
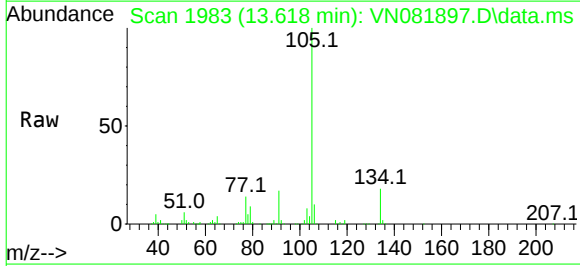
#81
sec-Butylbenzene
Concen: 22.005 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:105 Resp: 253080
Ion Ratio Lower Upper
105 100
134 18.7 0.0 39.0

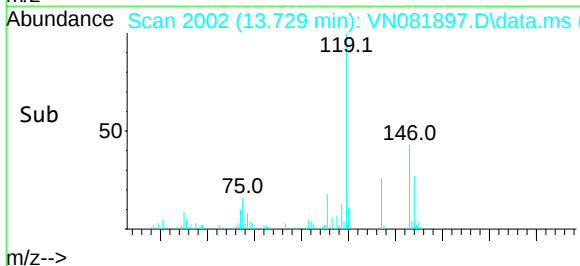
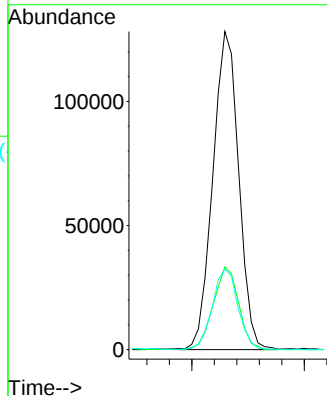
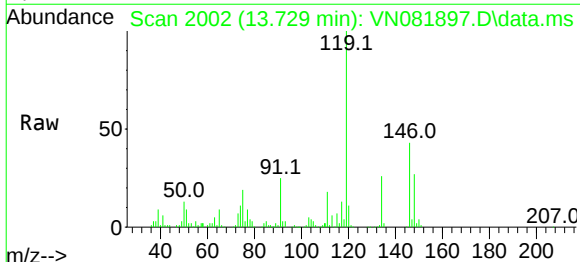
Manual Integrations
APPROVED

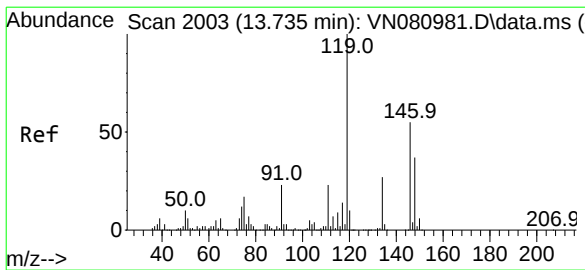
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#82
p-Isopropyltoluene
Concen: 21.191 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion:119 Resp: 204610
Ion Ratio Lower Upper
119 100
134 25.4 0.0 49.2
91 25.2 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 18.843 ug/l

RT: 13.735 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

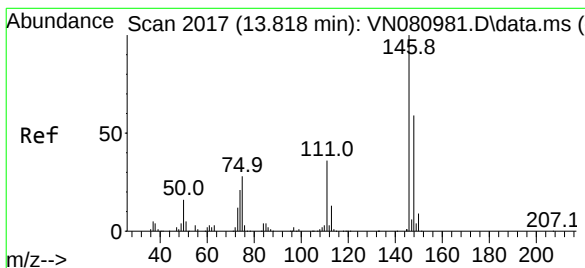
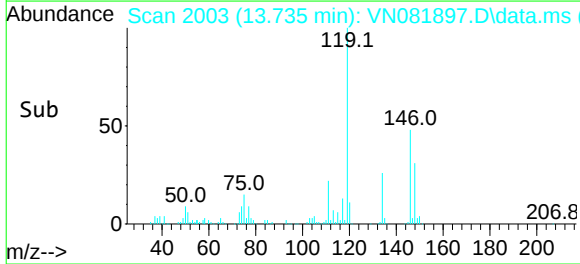
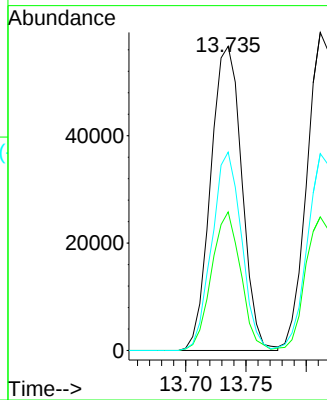
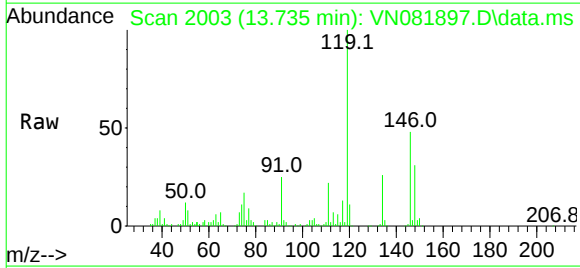
Tgt Ion:	146	Resp:	101911
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.4	67.0
148	62.1	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#84

1,4-Dichlorobenzene

Concen: 18.550 ug/l

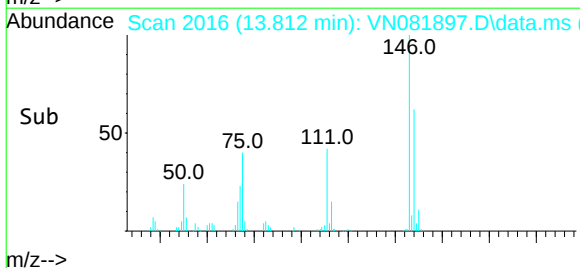
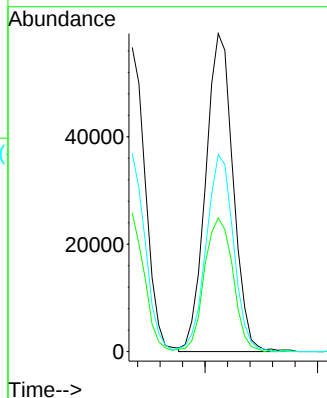
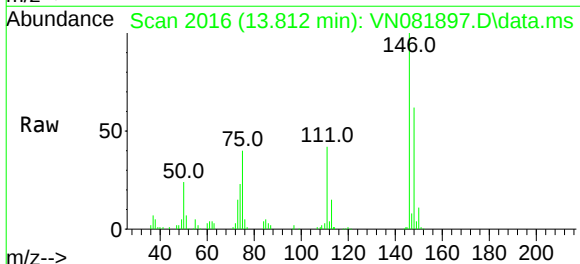
RT: 13.812 min Scan# 2016

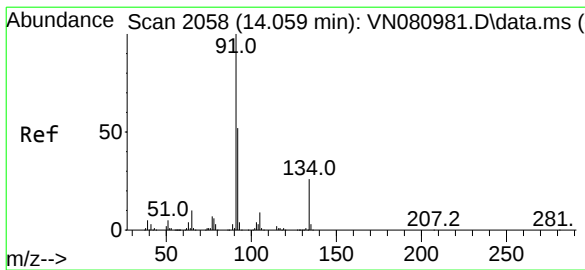
Delta R.T. -0.006 min

Lab File: VN081897.D

Acq: 27 Apr 2024 01:57

Tgt Ion:	146	Resp:	100701
Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.9
148	61.8	31.9	95.5





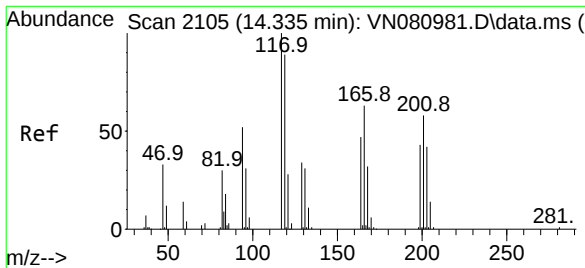
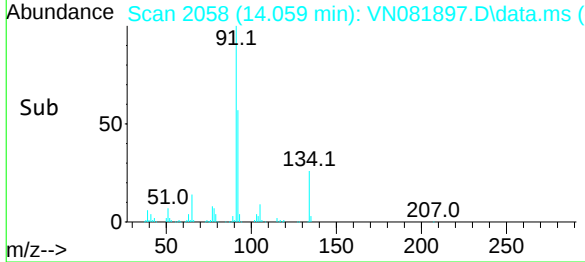
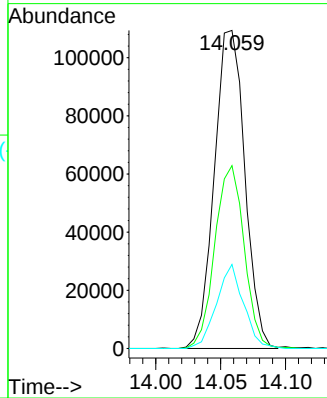
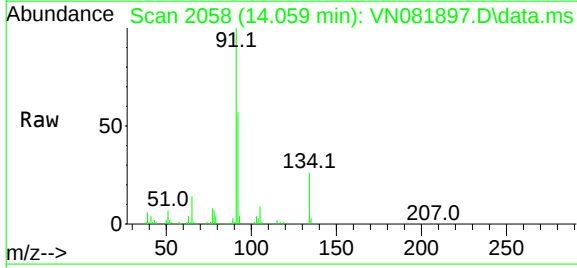
#85
n-Butylbenzene
Concen: 22.496 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.3	0.0	105.0
134	23.4	0.0	51.8

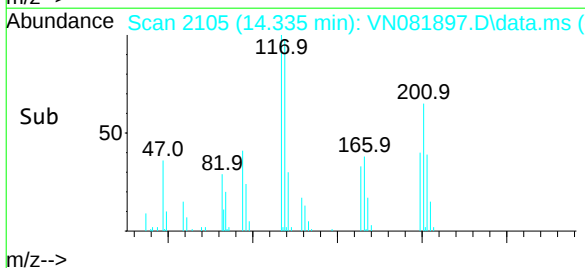
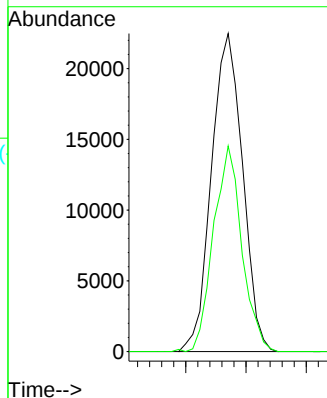
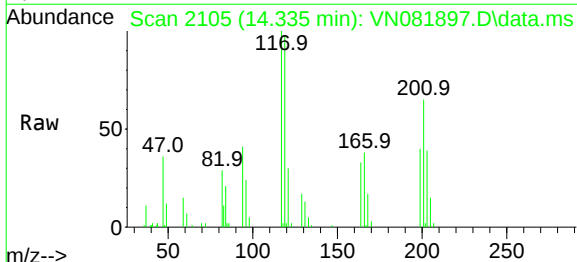
Manual Integrations
APPROVED

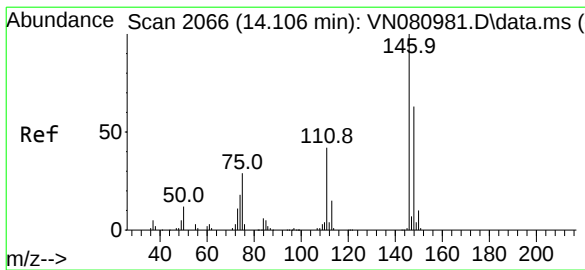
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#86
Hexachloroethane
Concen: 26.545 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

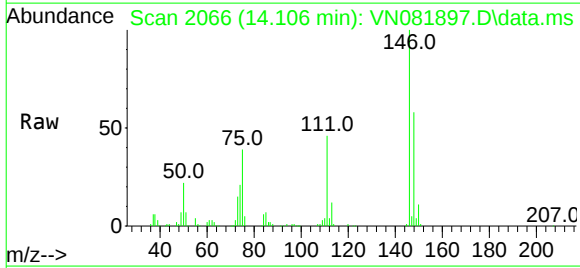
Tgt Ion	Ratio	Lower	Upper
117	100		
201	58.7	38.0	114.0





#87
1,2-Dichlorobenzene
Concen: 18.938 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

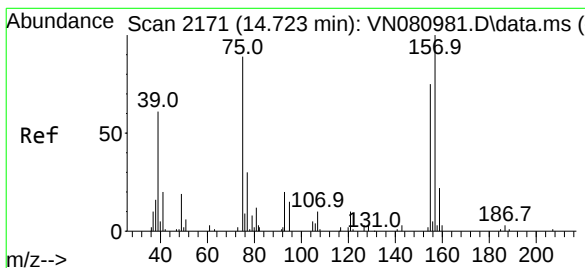
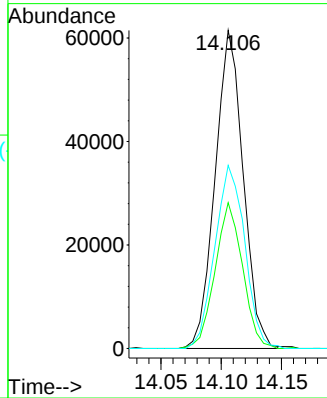
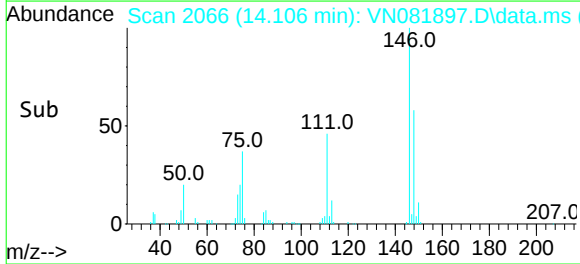
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.6	67.8
148	61.4	31.3	93.8

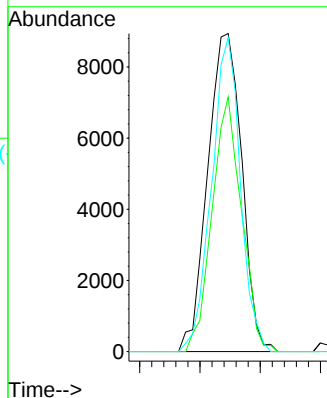
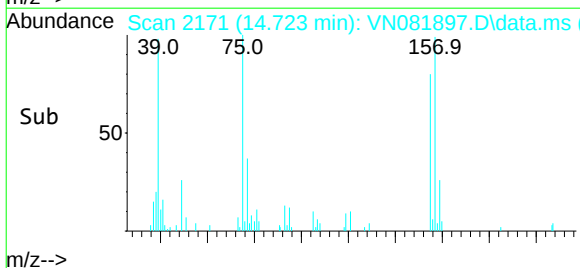
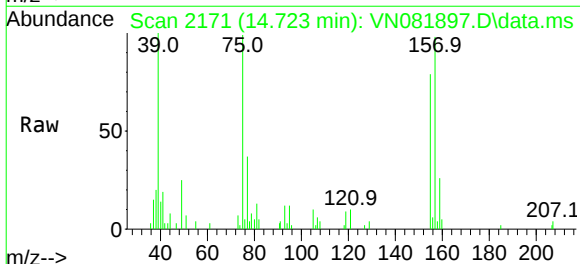
Manual Integrations
APPROVED

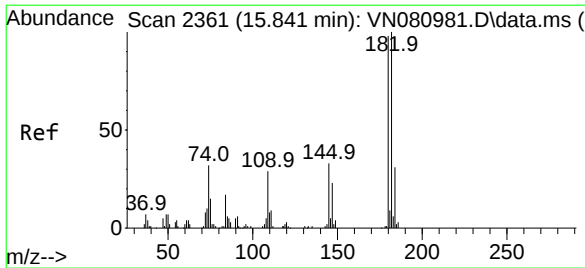
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 26.097 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.2	61.7	92.5
157	83.7	83.6	125.4





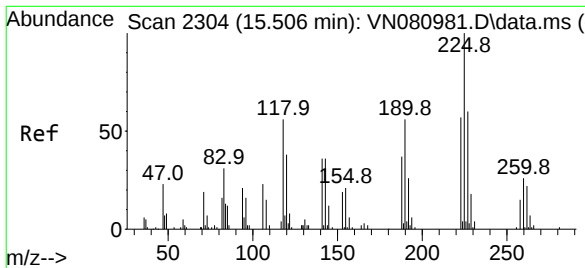
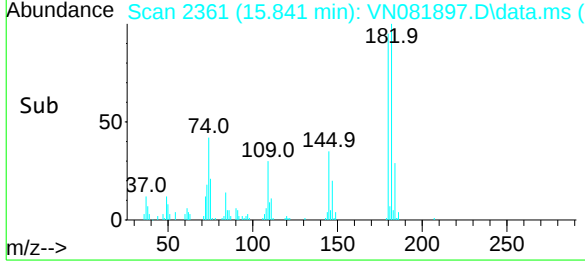
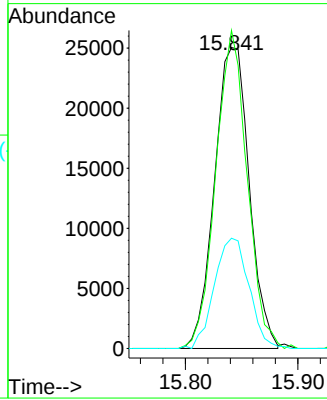
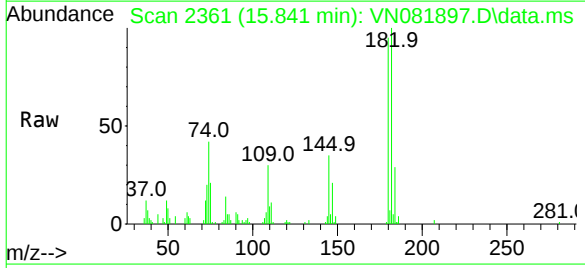
#89
1,2,4-Trichlorobenzene
Concen: 20.892 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	180	Resp:	53817
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
145	36.4	28.4	42.6

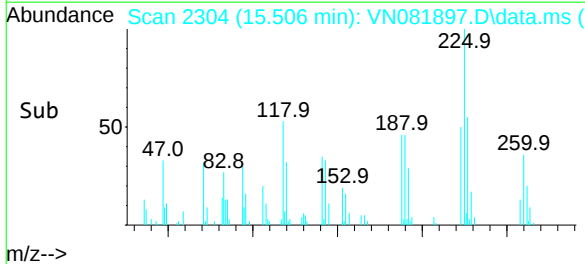
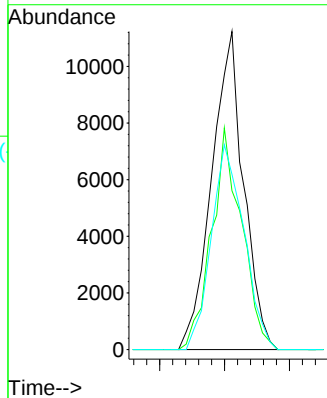
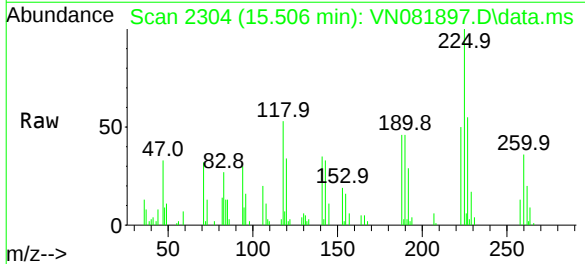
Manual Integrations
APPROVED

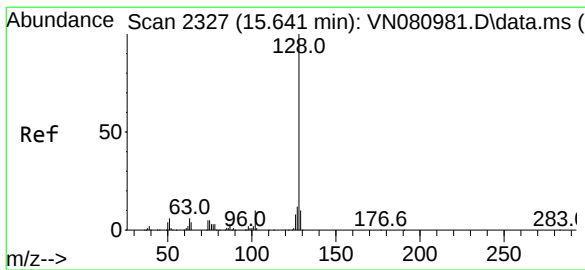
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#90
Hexachlorobutadiene
Concen: 17.001 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion:	225	Resp:	19214
Ion Ratio	Lower	Upper	
225	100		
223	65.7	0.0	126.6
227	66.0	0.0	126.6





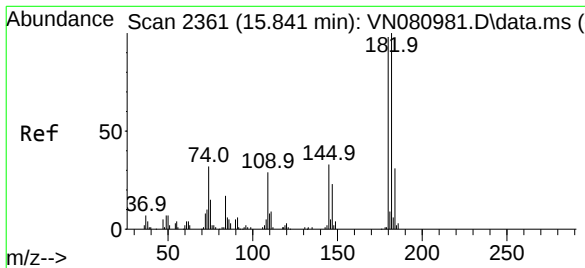
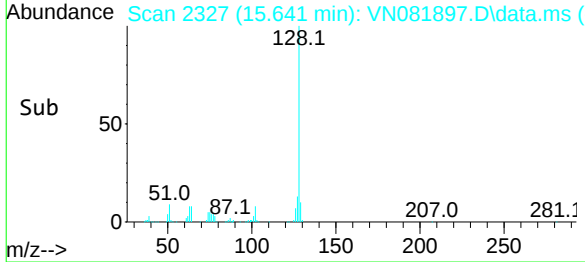
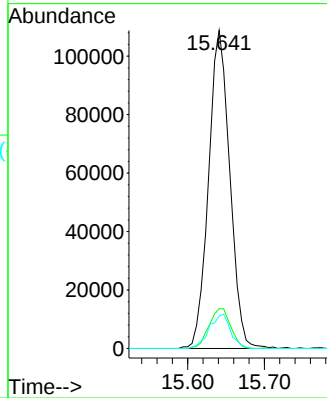
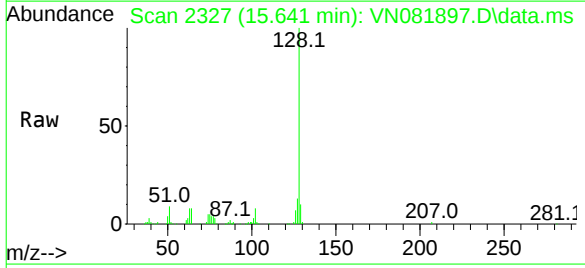
#91
Naphthalene
Concen: 22.916 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	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: 20.892 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081897.D
Acq: 27 Apr 2024 01:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	191.0
145	36.4	0.0	71.0

