

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080980.D
 Acq On : 09 Feb 2024 10:23
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 01:37:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	93172	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	535043	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	491393	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	198108	28.297	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.333%		
60) 4-Bromofluorobenzene	12.853	95	225124	29.967	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.900%		
63) Toluene-d8	10.571	98	653038	29.613	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	320458	50.584	ug/l	98
3) Chloromethane	2.359	50	292553	45.952	ug/l	95
4) Vinyl Chloride	2.512	62	356493	46.965	ug/l	94
5) Bromomethane	2.953	94	235132	46.118	ug/l	96
6) Chloroethane	3.118	64	226875	45.851	ug/l	96
7) Trichlorofluoromethane	3.495	101	472304	47.252	ug/l	94
8) Diethyl Ether	3.959	74	164148	46.724	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	252221	46.517	ug/l	95
10) 1,1-Dichloroethene	4.342	96	257532	48.436	ug/l	95
11) Methyl Iodide	4.589	142	279372	49.061	ug/l	92
12) Methyl Acetate	5.024	43	218668	45.555	ug/l	92
13) Acrolein	4.177	56	239865	228.286	ug/l	98
14) Acrylonitrile	5.724	53	571933	238.803	ug/l	99
15) Acetone	4.430	58	133448	242.459	ug/l	98
16) Carbon Disulfide	4.718	76	673144	46.131	ug/l	97
17) Allyl chloride	5.024	41	326454	48.888	ug/l	92
18) Methylene Chloride	5.277	84	278039	45.726	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	284298	47.101	ug/l	88
20) Diisopropyl ether	6.671	45	774078	48.230	ug/l	97
21) 1,1-Dichloroethane	6.571	63	482778	46.938	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	336329	47.955	ug/l	95
23) tert-Butyl Alcohol	5.512	59	202352	232.167	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	855761	48.550	ug/l	98
25) Chloroform	7.971	83	535142	46.897	ug/l	95
26) Cyclohexane	8.259	56	371119	47.917	ug/l #	90
29) 1,1-Dichloropropene	8.371	75	381801	47.906	ug/l	99
30) 2-Butanone	7.483	43	692728	236.903	ug/l	97
31) 2,2-Dichloropropane	7.488	77	444310	48.964	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	484170	48.292	ug/l	98
33) Carbon Tetrachloride	8.365	117	410006	48.537	ug/l	96
34) Benzene	8.606	78	1163075	47.755	ug/l	99
35) Methacrylonitrile	7.777	41	166941	48.573	ug/l	96
36) 1,2-Dichloroethane	8.671	62	386735	47.315	ug/l	99
37) Trichloroethene	9.353	130	307788	47.533	ug/l	99
38) Methylcyclohexane	9.606	83	378546	47.594	ug/l	94
39) 1,2-Dichloropropane	9.624	63	272264	47.130	ug/l	96
40) Dibromomethane	9.712	93	214423	48.787	ug/l	96
41) Bromodichloromethane	9.888	83	412982	48.012	ug/l	99
42) Vinyl Acetate	6.606	43	3098546	246.625	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080980.D
 Acq On : 09 Feb 2024 10:23
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

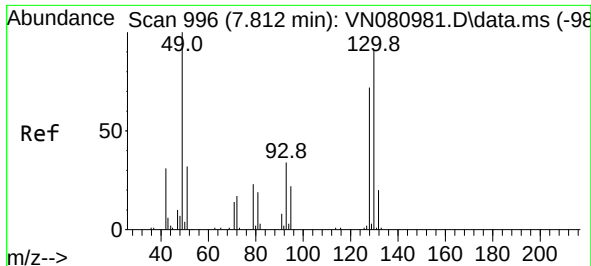
Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 01:37:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:30:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	308600	49.553	ug/l	98
44) Isopropyl Acetate	8.688	43	524578	47.936	ug/l	97
45) 1,4-Dioxane	9.700	88	95667	927.040	ug/l	90
46) Methyl methacrylate	9.682	41	243000	48.530	ug/l	91
47) n-amyl Acetate	12.494	43	467318	48.966	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	443162	49.159	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	484699	49.619	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	292730	48.136	ug/l	98
51) Ethyl methacrylate	10.876	69	419190	49.320	ug/l	91
52) 1,3-Dichloropropane	11.165	76	482978	48.094	ug/l	100
53) Dibromochloromethane	11.365	129	322374	48.636	ug/l	99
54) 1,2-Dibromoethane	11.471	107	302520	48.084	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	1113420	255.628	ug/l	98
56) Bromoform	12.582	173	213766	50.639	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	1535601	240.703	ug/l	95
59) 2-Hexanone	11.200	43	1156351	246.440	ug/l	95
61) Tetrachloroethene	11.106	164	267939	47.734	ug/l	93
62) Toluene	10.629	91	1273960	47.328	ug/l	99
64) Chlorobenzene	11.894	112	789790	47.906	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	299763	49.018	ug/l	98
66) Ethyl Benzene	11.965	91	1363295	48.169	ug/l	98
67) m/p-Xylenes	12.070	106	1077144	96.911	ug/l	93
68) o-Xylene	12.400	106	525843	48.276	ug/l	93
69) Styrene	12.412	104	876691	48.889	ug/l	96
70) Isopropylbenzene	12.700	105	1269236	47.814	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	392294	47.926	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	347574m	55.579	ug/l	
73) Bromobenzene	12.982	156	323554	49.014	ug/l	89
74) n-propylbenzene	13.035	91	1455464	48.245	ug/l	97
75) 2-Chlorotoluene	13.129	91	891973	47.628	ug/l	93
76) 1,3,5-Trimethylbenzene	13.176	105	1060334	48.819	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	121900	50.716	ug/l	96
78) 4-Chlorotoluene	13.223	91	896679	47.804	ug/l	93
79) tert-butylbenzene	13.441	119	873516	48.448	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	1060722	49.015	ug/l	98
81) sec-Butylbenzene	13.617	105	1211519	47.984	ug/l	98
82) p-Isopropyltoluene	13.729	119	1027041	48.453	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	572208	48.195	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	580107	48.677	ug/l	97
85) n-Butylbenzene	14.059	91	845754	48.358	ug/l	98
86) Hexachloroethane	14.335	117	160766	48.084	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	556760	48.166	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	74762	50.603	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	282311	49.923	ug/l	98
90) Hexachlorobutadiene	15.506	225	117704	47.442	ug/l	99
91) Naphthalene	15.641	128	1019470	50.773	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	282311	49.923	ug/l	98

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



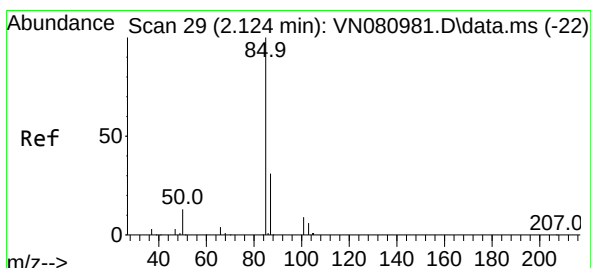
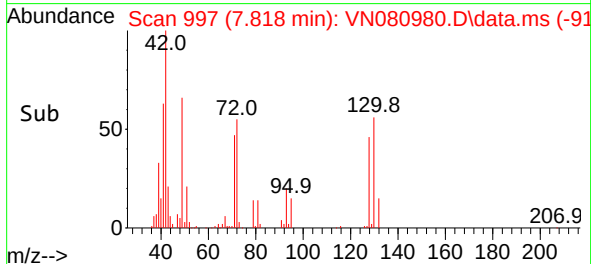
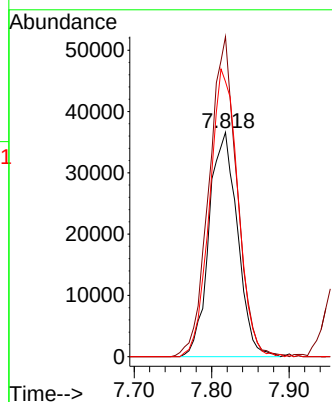
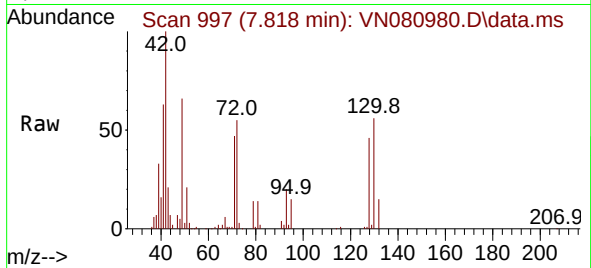
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 93172
Ion Ratio Lower Upper
128 100
49 140.6 0.0 403.7
130 128.3 0.0 323.3

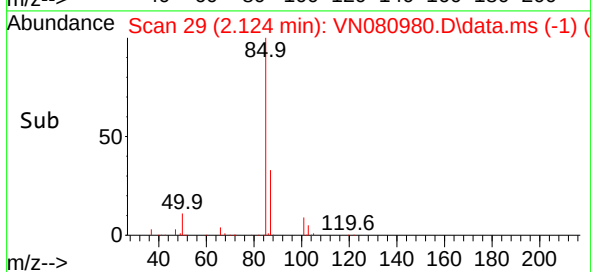
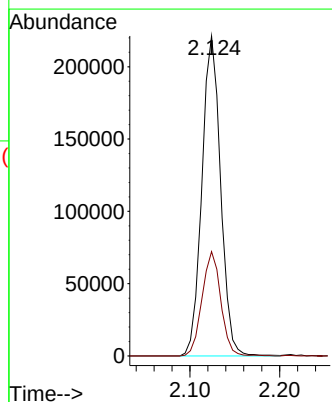
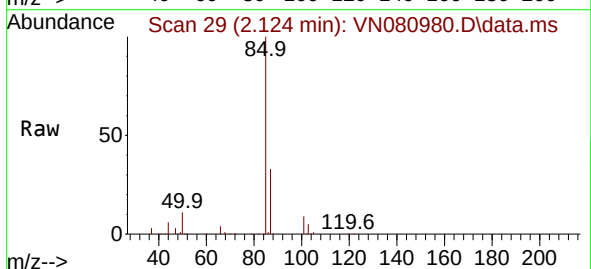
Manual Integrations
APPROVED

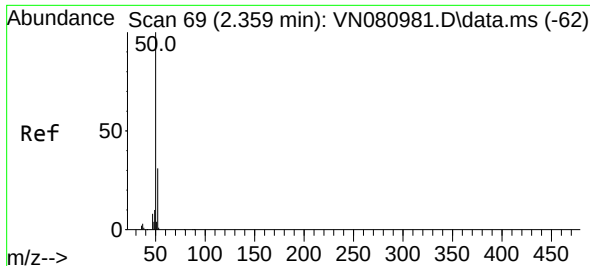
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 50.584 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

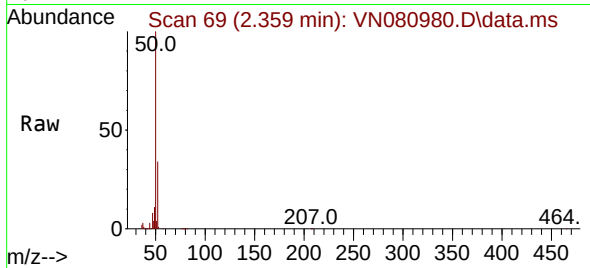
Tgt Ion: 85 Resp: 320458
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.3





#3
Chloromethane
Concen: 45.952 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

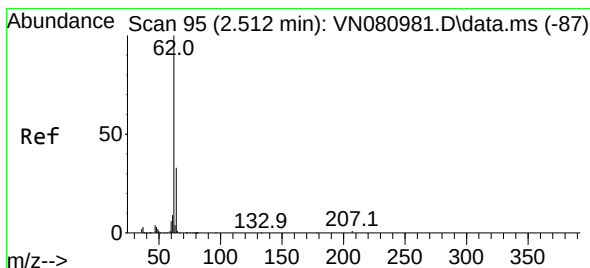
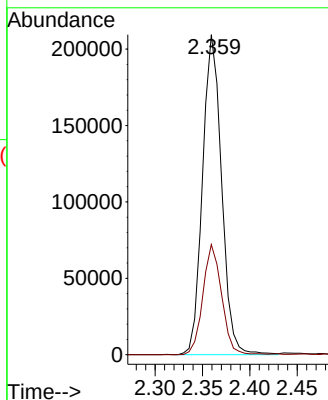
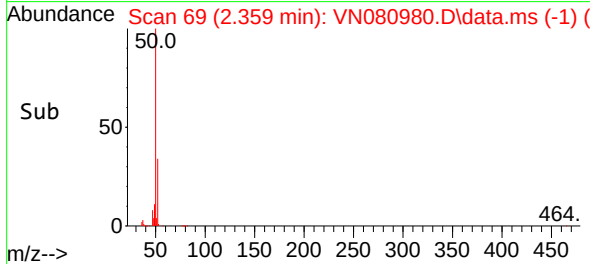
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 50 Resp: 29255
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.0

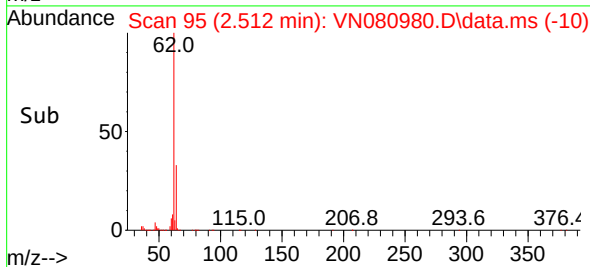
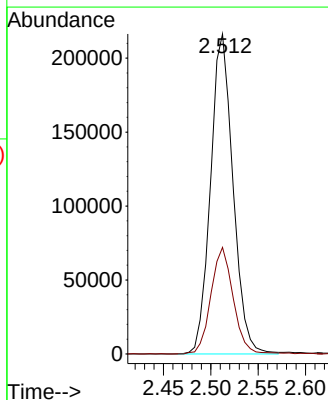
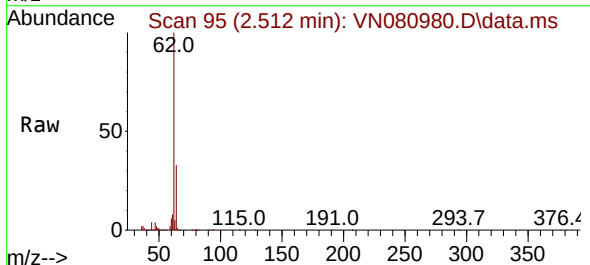
Manual Integrations
APPROVED

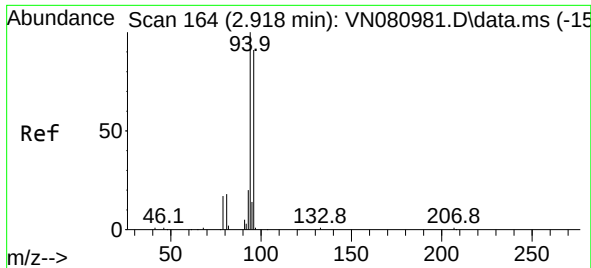
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#4
Vinyl Chloride
Concen: 46.965 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 62 Resp: 356493
Ion Ratio Lower Upper
62 100
64 33.2 24.1 36.1





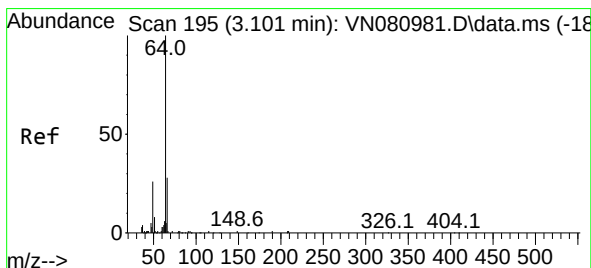
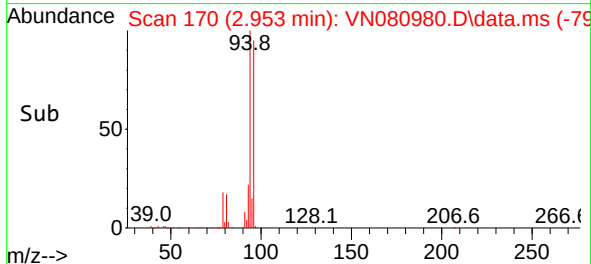
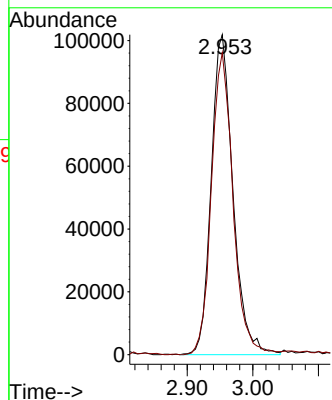
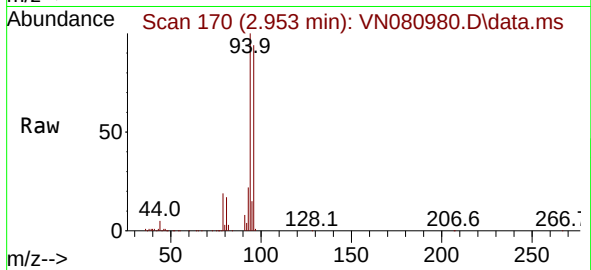
#5
Bromomethane
Concen: 46.118 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 23513
Ion Ratio Lower Upper
94 100
96 94.4 72.8 109.2

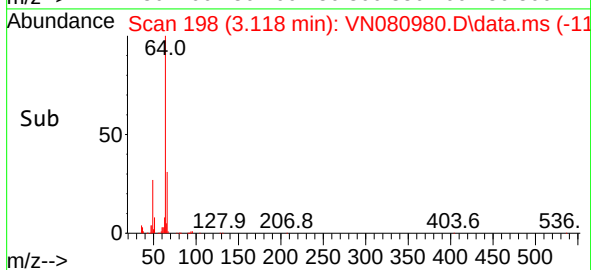
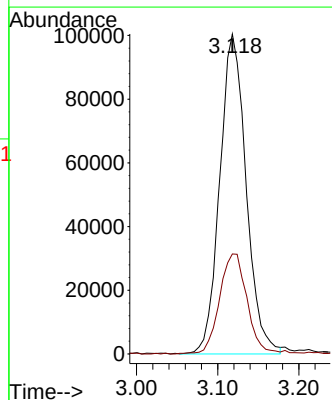
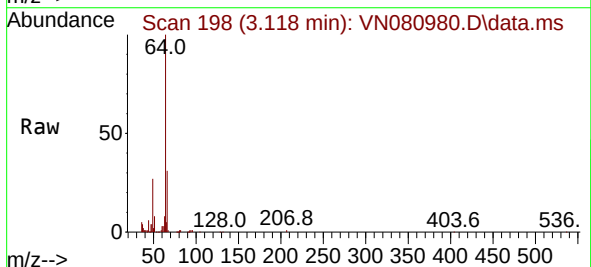
Manual Integrations
APPROVED

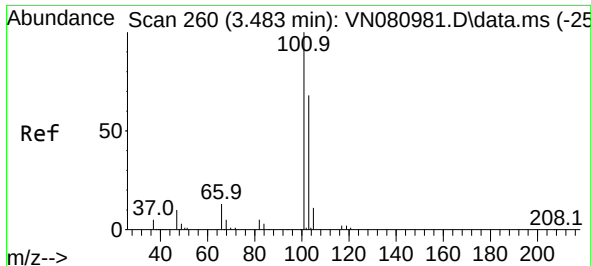
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 45.851 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.018 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 64 Resp: 226875
Ion Ratio Lower Upper
64 100
66 31.1 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 47.252 ug/l
 RT: 3.495 min Scan# 260
 Delta R.T. 0.012 min
 Lab File: VN080980.D
 Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

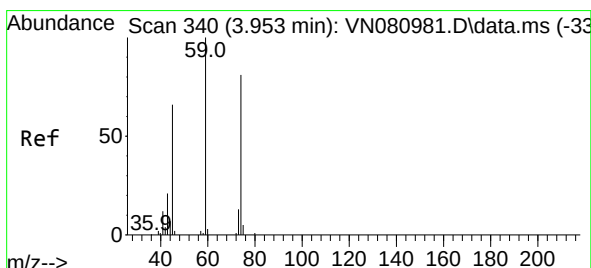
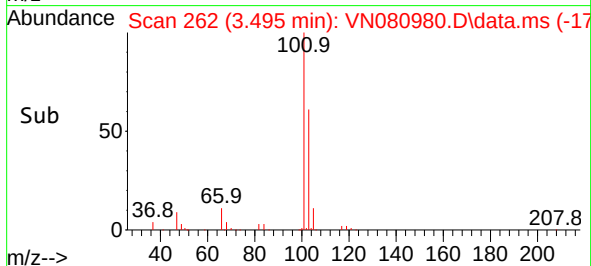
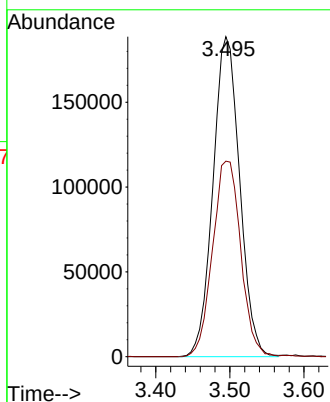
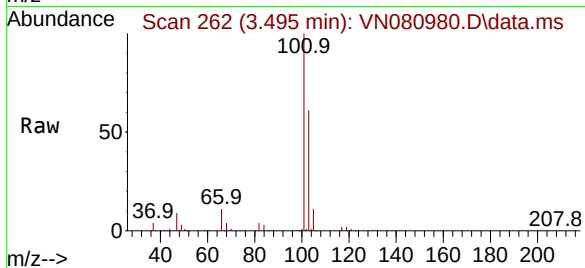
Tgt Ion:101 Resp: 472304
 Ion Ratio Lower Upper
 101 100
 103 61.1 53.0 79.4

Manual Integrations

APPROVED

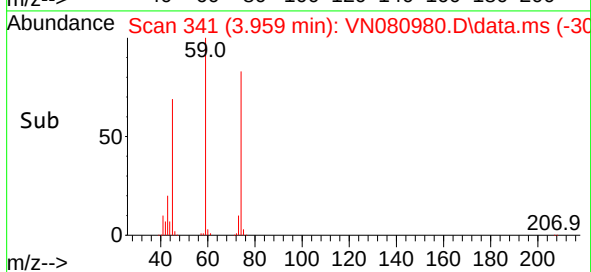
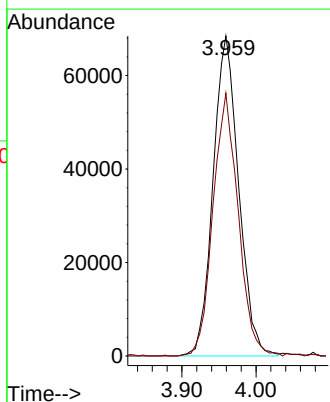
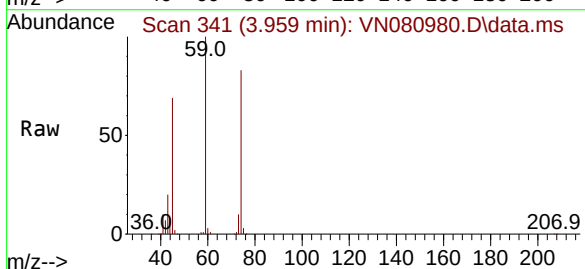
Reviewed By :John Carlone 02/12/2024

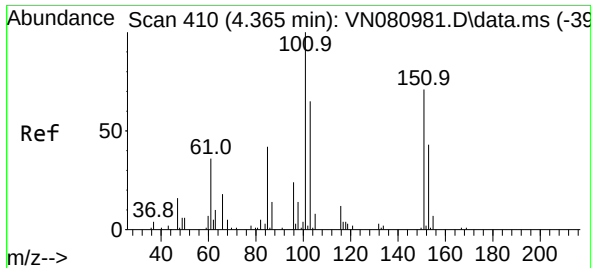
Supervised By :Mahesh Dadoda 02/12/2024



#8
 Diethyl Ether
 Concen: 46.724 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN080980.D
 Acq: 09 Feb 2024 10:23

Tgt Ion: 74 Resp: 164148
 Ion Ratio Lower Upper
 74 100
 45 80.7 16.4 147.4





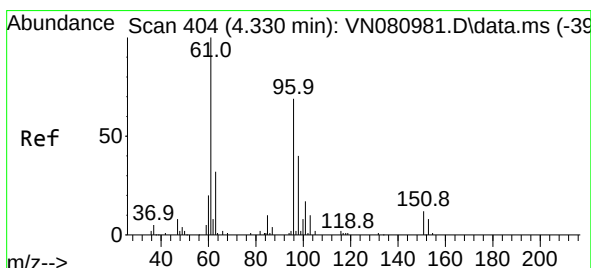
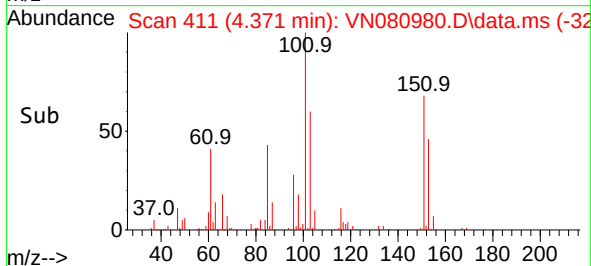
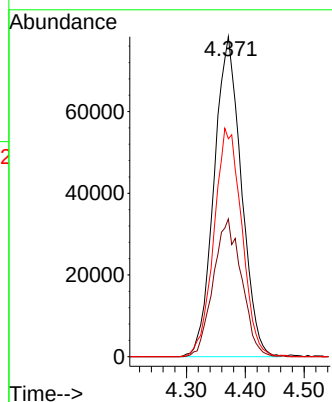
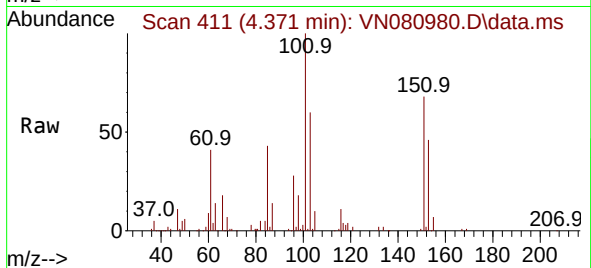
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.517 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 25222
Ion Ratio Lower Upper
101 100
85 44.7 0.0 90.6
151 73.0 0.0 157.6

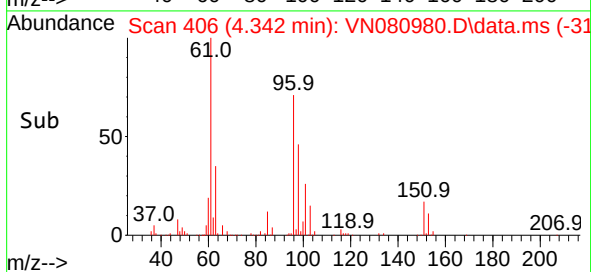
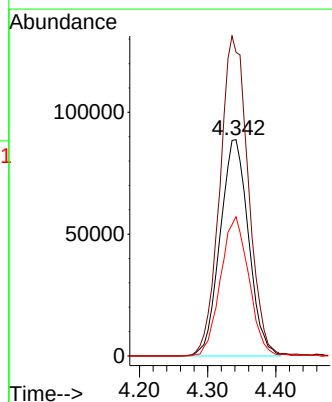
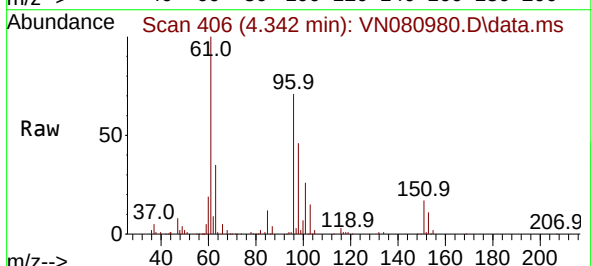
Manual Integrations
APPROVED

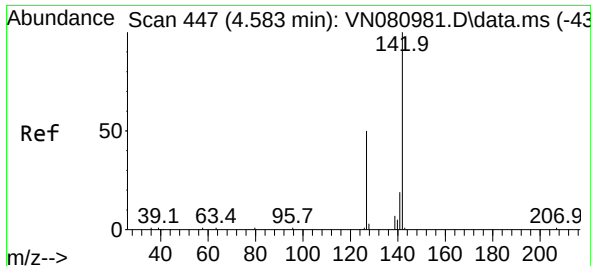
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
1,1-Dichloroethene
Concen: 48.436 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

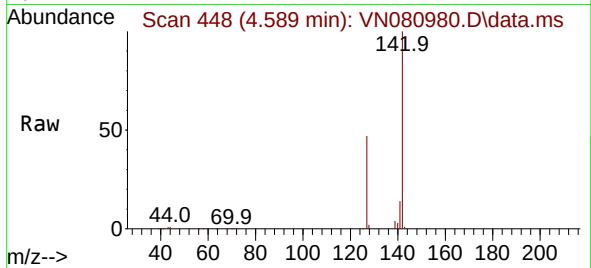
Tgt Ion: 96 Resp: 257532
Ion Ratio Lower Upper
96 100
61 140.4 117.6 176.4
98 64.4 48.4 72.6





#11
Methyl Iodide
Concen: 49.061 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

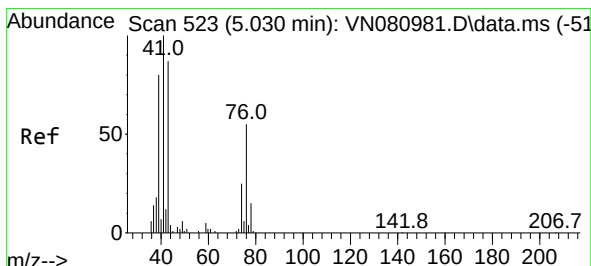
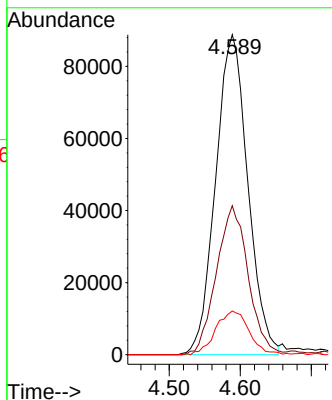
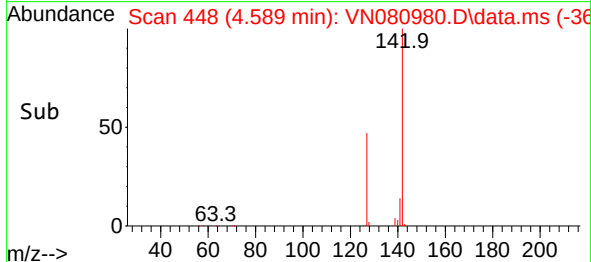
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 279372
Ion Ratio Lower Upper
142 100
127 46.6 26.3 78.9
141 13.5 8.3 24.9

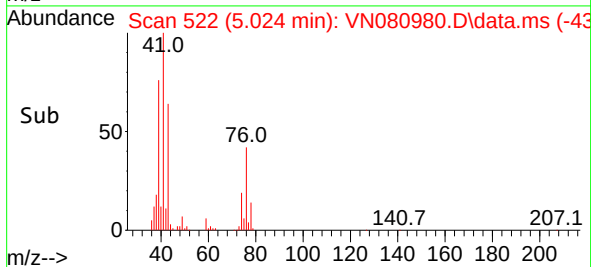
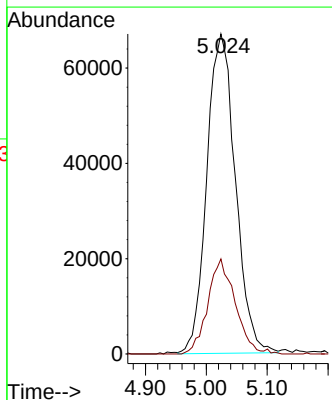
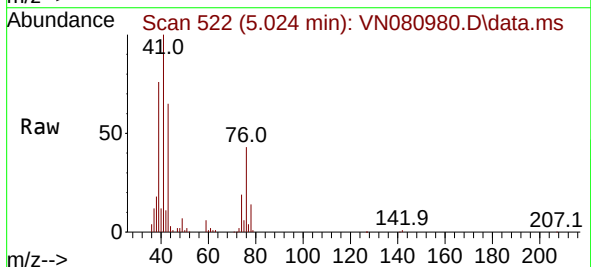
Manual Integrations
APPROVED

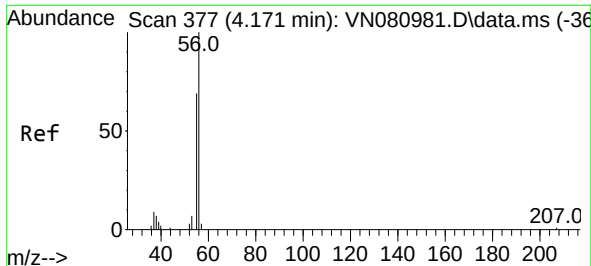
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 45.555 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

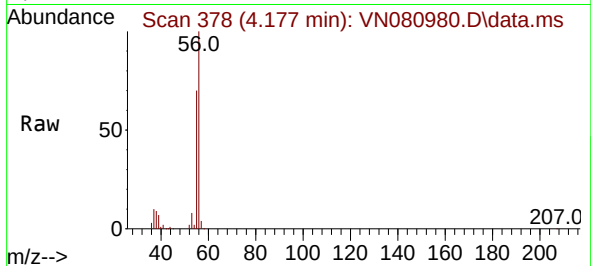
Tgt Ion: 43 Resp: 218668
Ion Ratio Lower Upper
43 100
74 29.7 27.7 41.5





#13
Acrolein
Concen: 228.286 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

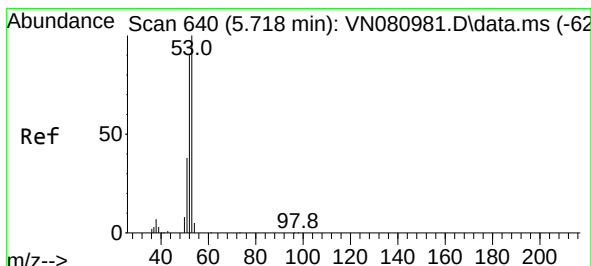
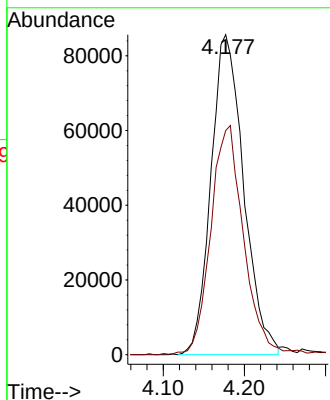
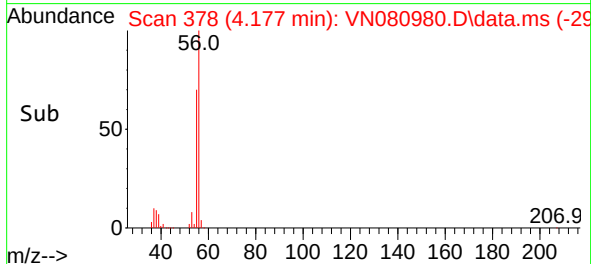
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



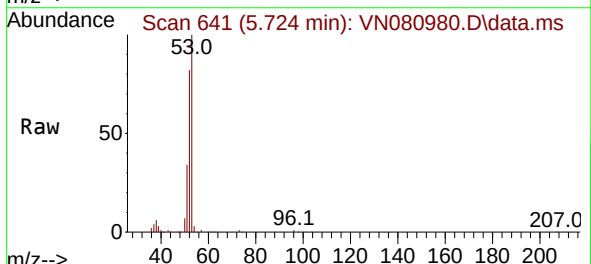
Tgt Ion: 56 Resp: 23986
Ion Ratio Lower Upper
56 100
55 70.7 55.5 83.3

Manual Integrations
APPROVED

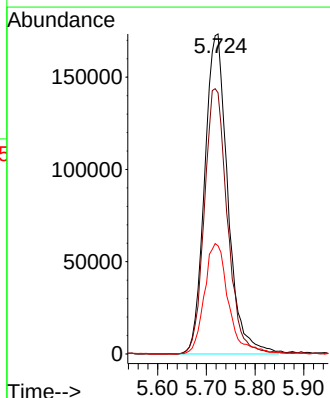
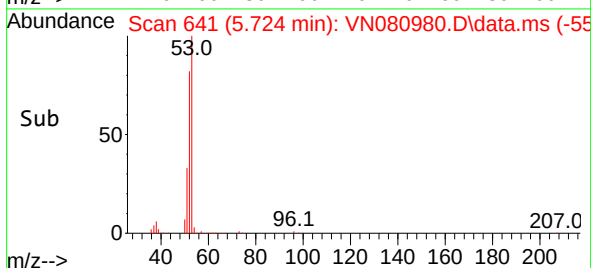
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

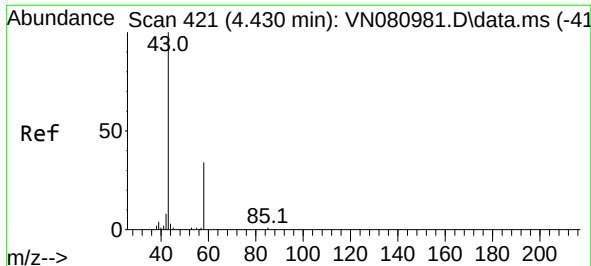


#14
Acrylonitrile
Concen: 238.803 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23



Tgt Ion: 53 Resp: 571933
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.9
51 35.9 16.8 50.3





#15

Acetone

Concen: 242.459 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 13344

Ion Ratio Lower Upper

58 100

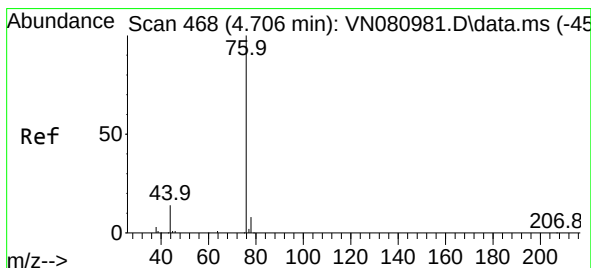
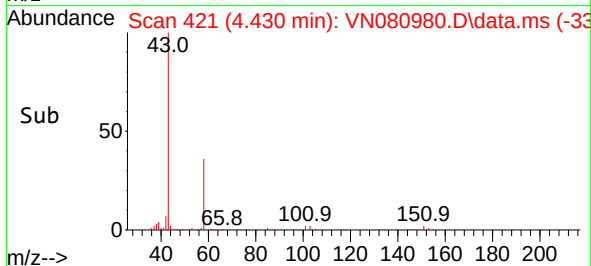
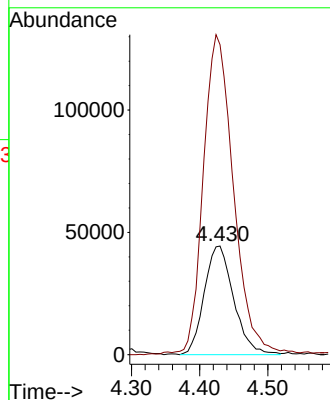
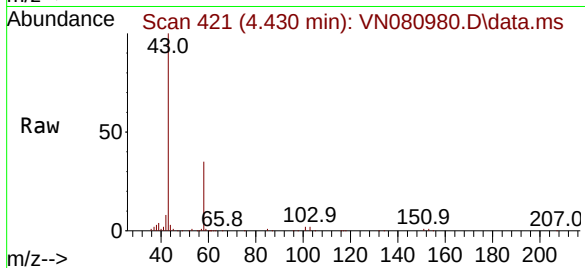
43 282.1 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Carbon Disulfide

Concen: 46.131 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN080980.D

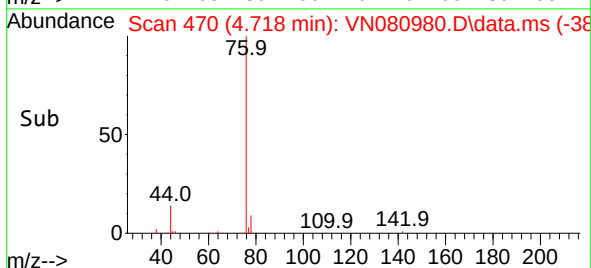
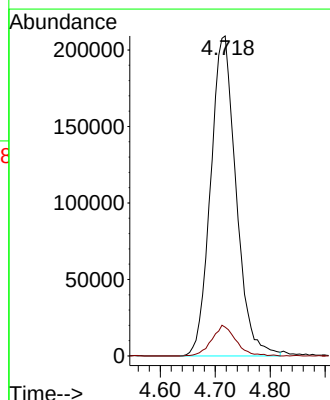
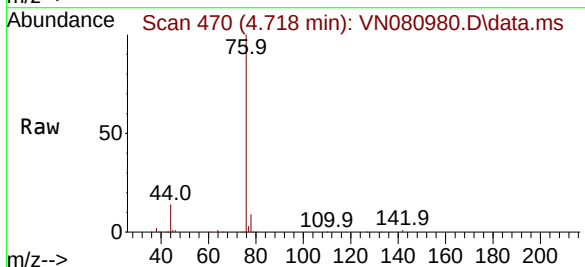
Acq: 09 Feb 2024 10:23

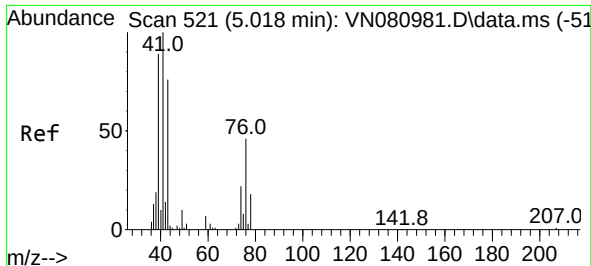
Tgt Ion: 76 Resp: 673144

Ion Ratio Lower Upper

76 100

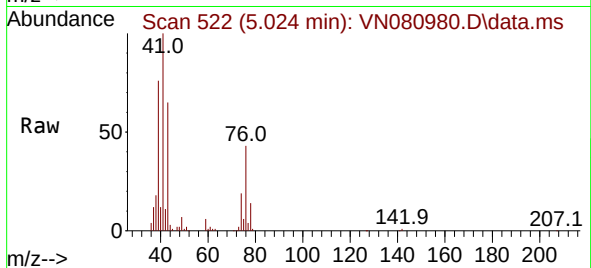
78 9.0 6.3 9.5





#17
 Allyl chloride
 Concen: 48.888 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN080980.D
 Acq: 09 Feb 2024 10:23

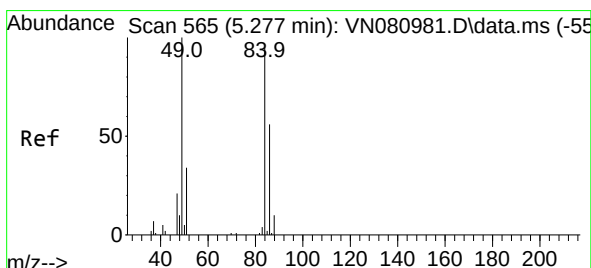
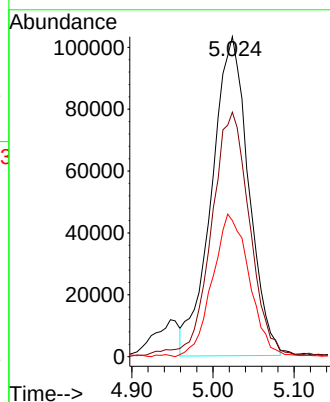
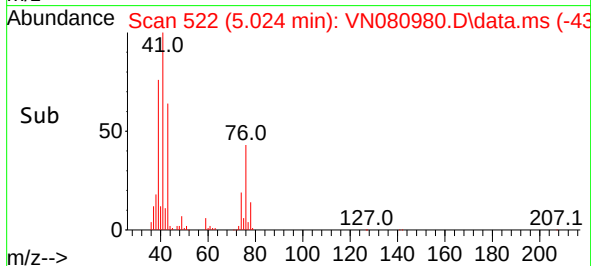
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 326454
 Ion Ratio Lower Upper
 41 100
 39 75.6 37.6 112.9
 76 42.7 27.8 83.4

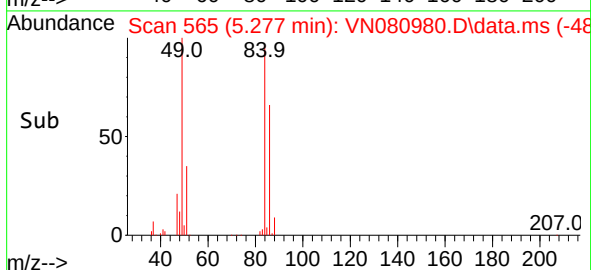
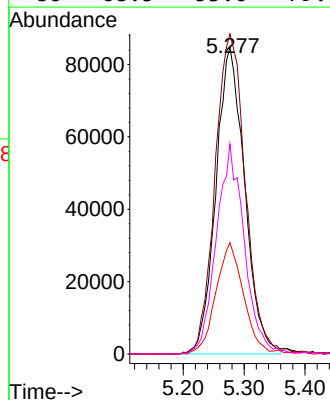
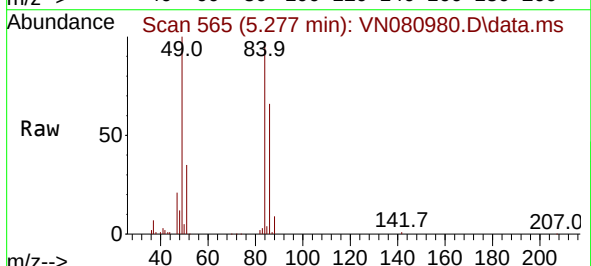
Manual Integrations
 APPROVED

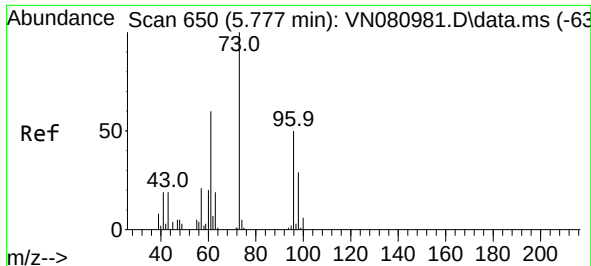
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#18
 Methylene Chloride
 Concen: 45.726 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN080980.D
 Acq: 09 Feb 2024 10:23

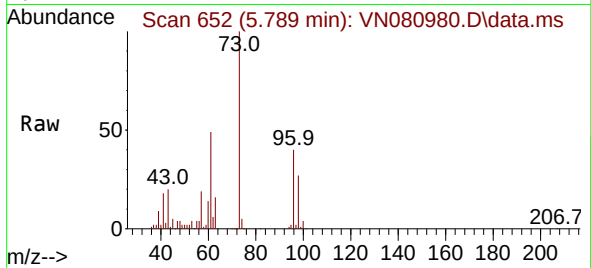
Tgt Ion: 84 Resp: 278039
 Ion Ratio Lower Upper
 84 100
 49 104.3 86.0 129.0
 51 36.3 30.0 45.0
 86 68.5 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 47.101 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

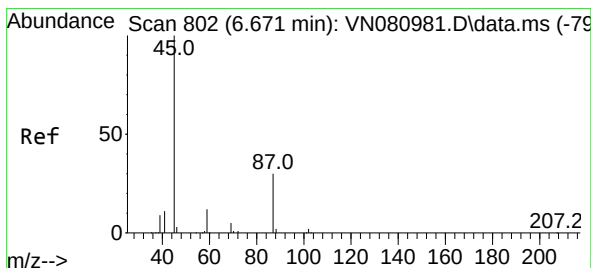
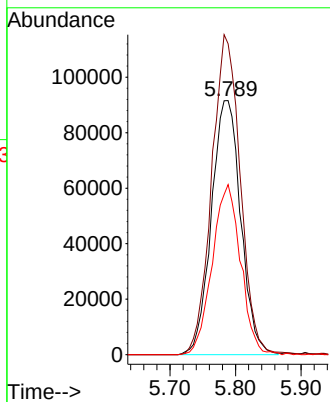
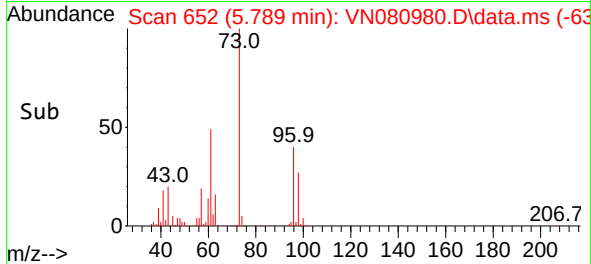
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 284298
Ion Ratio Lower Upper
96 100
61 122.3 111.8 167.6
98 66.9 49.2 73.8

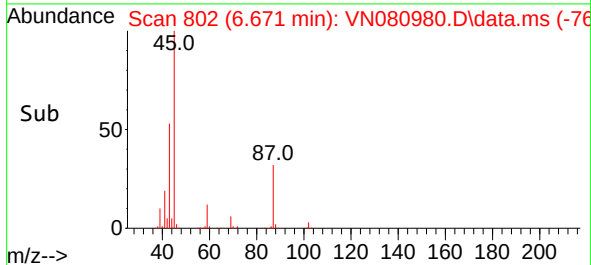
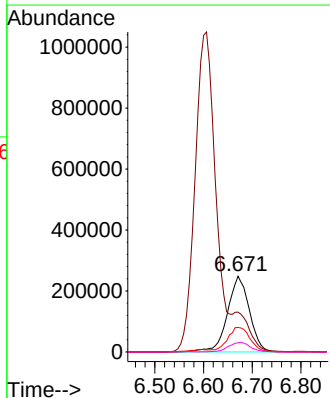
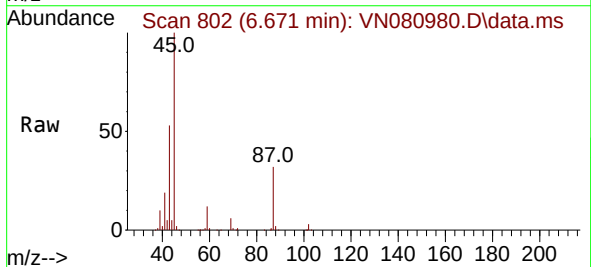
Manual Integrations
APPROVED

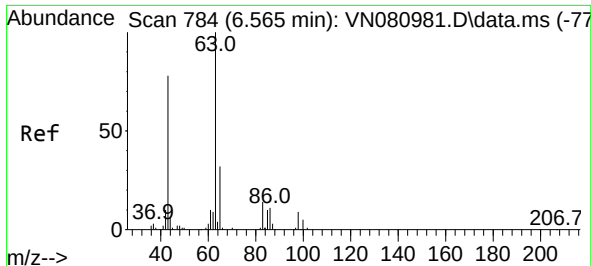
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Diisopropyl ether
Concen: 48.230 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 45 Resp: 774078
Ion Ratio Lower Upper
45 100
43 51.8 40.4 60.6
87 32.2 23.8 35.8
59 12.0 9.8 14.6





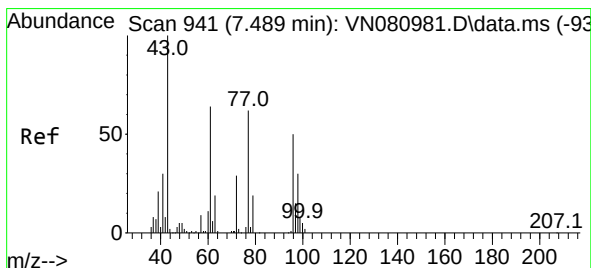
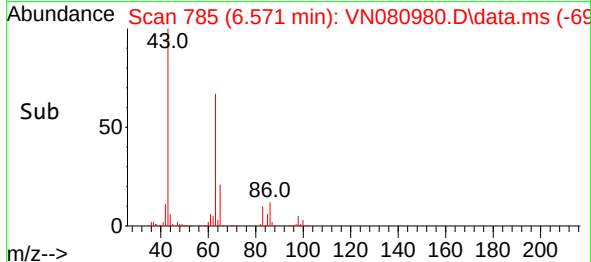
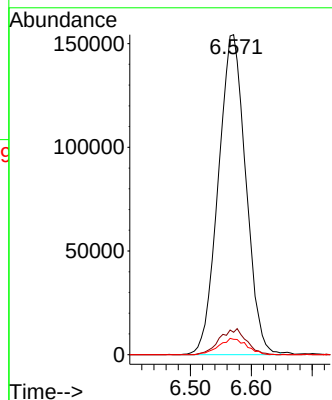
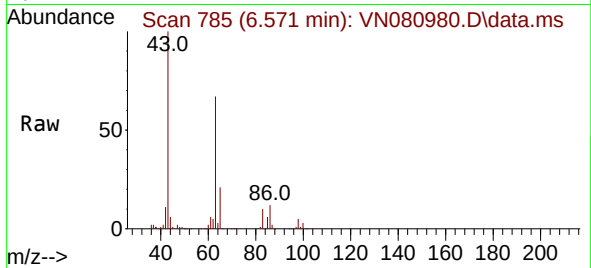
#21
1,1-Dichloroethane
Concen: 46.938 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 482778
Ion Ratio Lower Upper
63 100
98 7.0 4.1 12.3
100 4.8 3.0 9.0

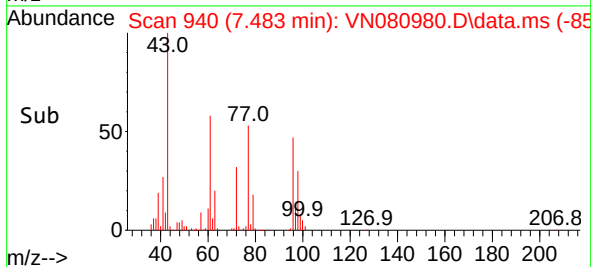
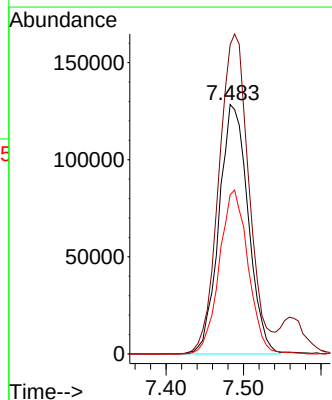
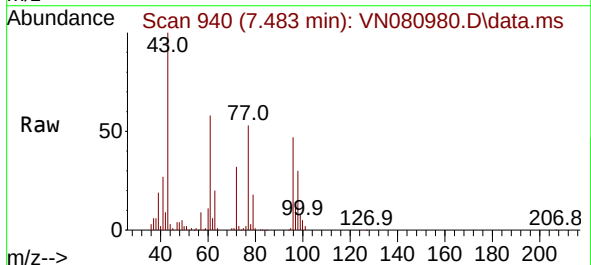
Manual Integrations
APPROVED

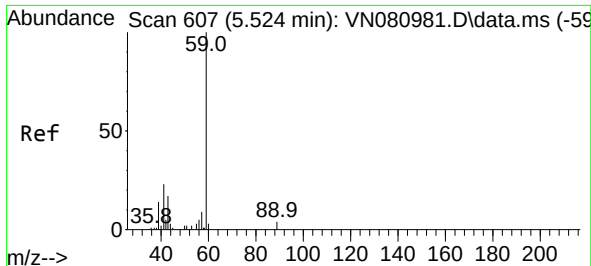
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
cis-1,2-Dichloroethene
Concen: 47.955 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 96 Resp: 336329
Ion Ratio Lower Upper
96 100
61 132.5 113.5 170.3
98 64.8 52.0 78.0





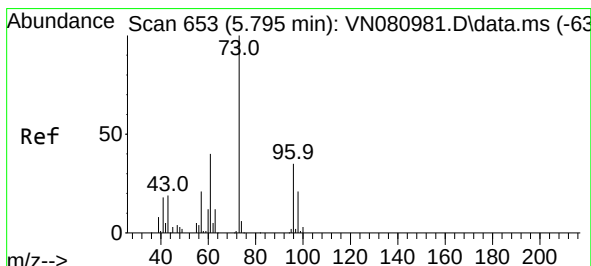
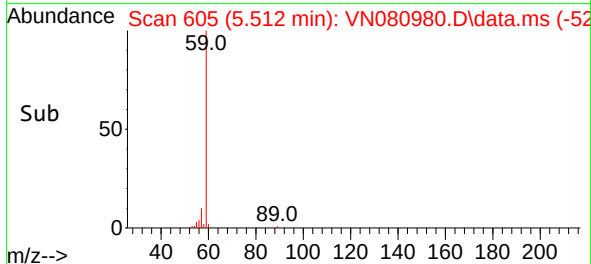
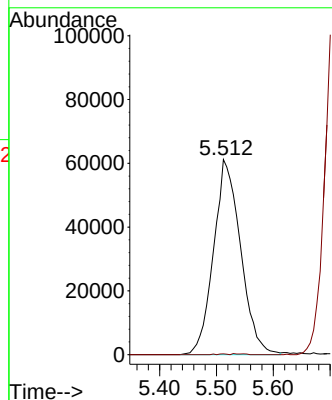
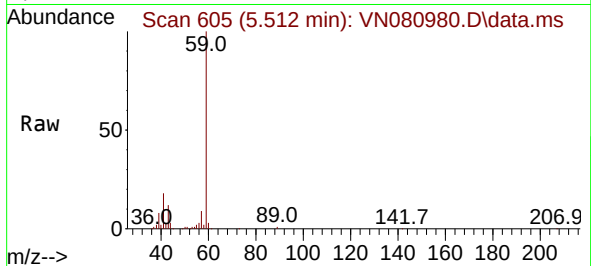
#23
tert-Butyl Alcohol
Concen: 232.167 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 202352
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

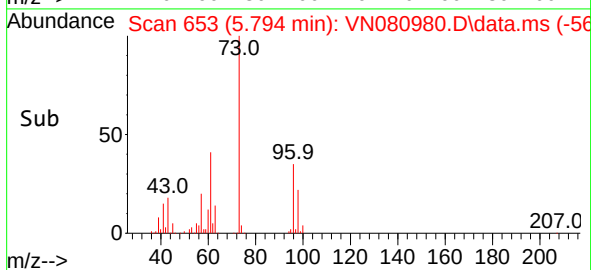
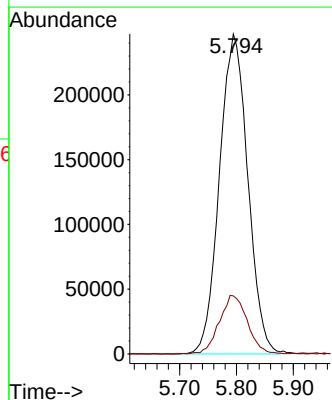
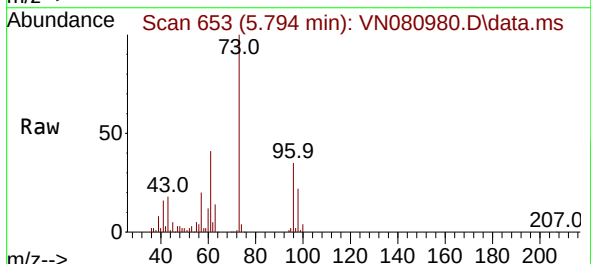
Manual Integrations
APPROVED

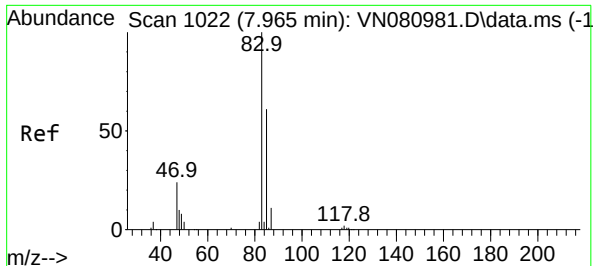
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#24
Methyl tert-Butyl Ether
Concen: 48.550 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 73 Resp: 855761
Ion Ratio Lower Upper
73 100
43 17.8 13.4 20.2





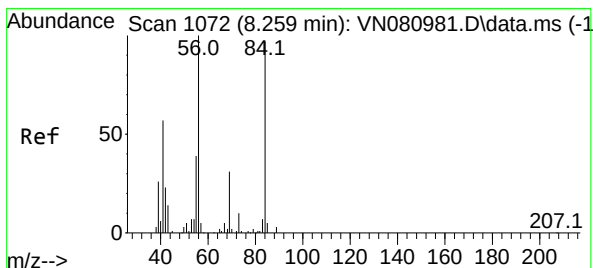
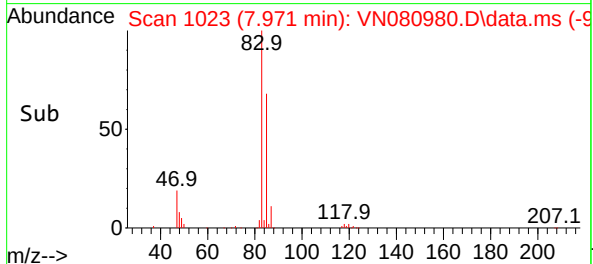
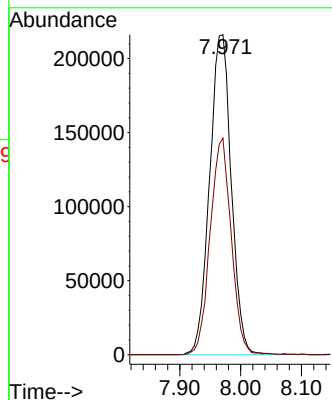
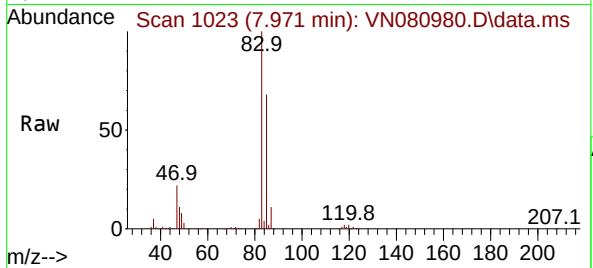
#25
Chloroform
Concen: 46.897 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 53514
Ion Ratio Lower Upper
83 100
85 67.7 50.9 76.3

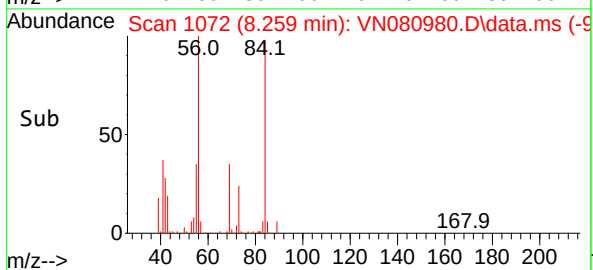
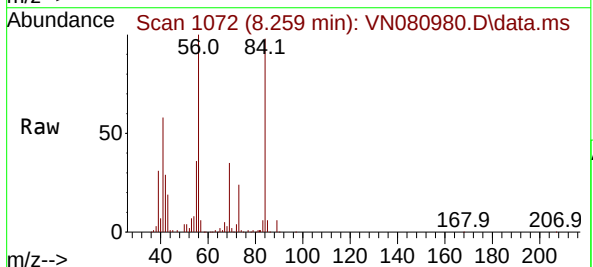
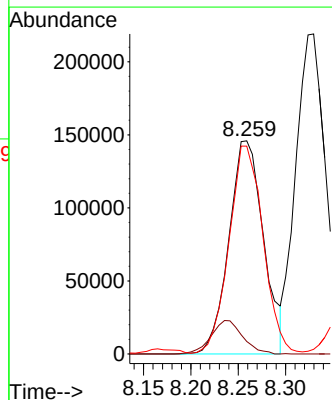
Manual Integrations
APPROVED

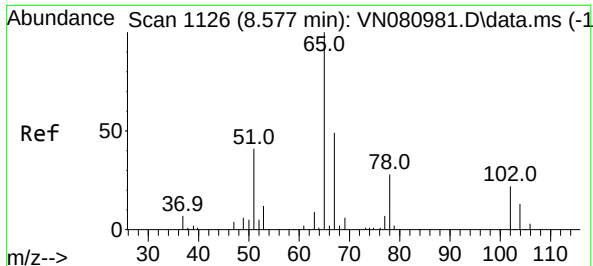
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#26
Cyclohexane
Concen: 47.917 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 56 Resp: 371119
Ion Ratio Lower Upper
56 100
89 14.4 19.3 28.9#
84 96.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 28.297 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

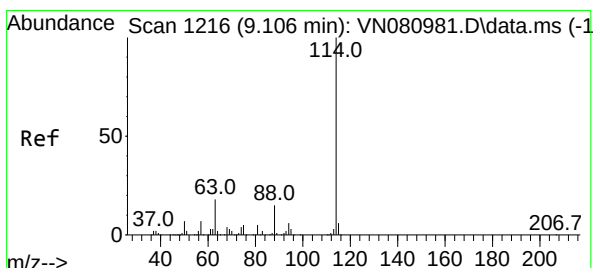
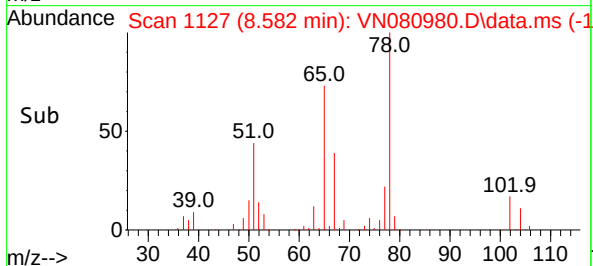
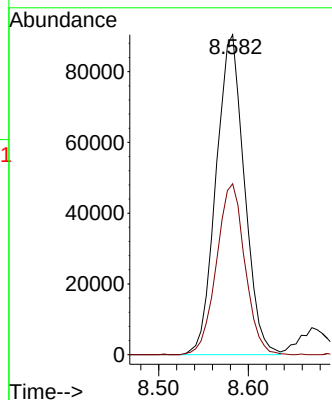
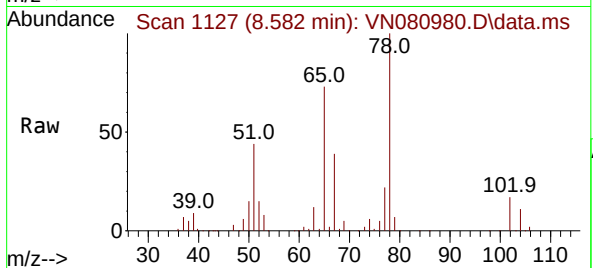
Tgt Ion: 65 Resp: 198108
Ion Ratio Lower Upper
65 100
67 53.7 43.2 64.8

Manual Integrations

APPROVED

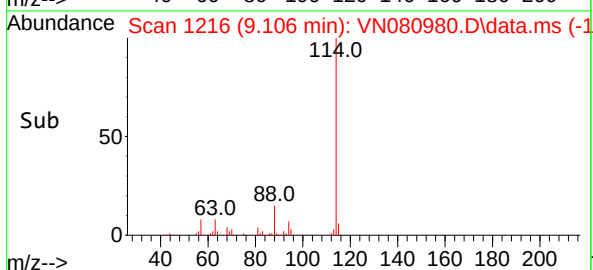
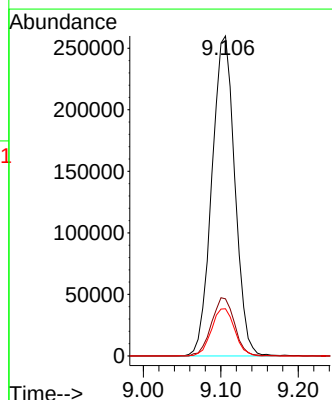
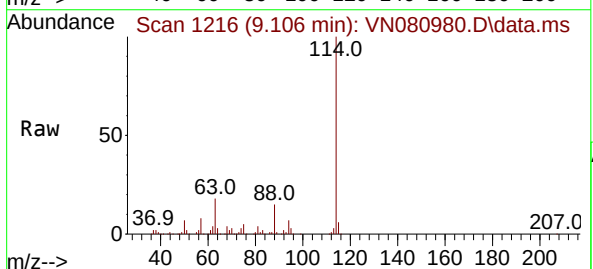
Reviewed By :John Carlone 02/12/2024

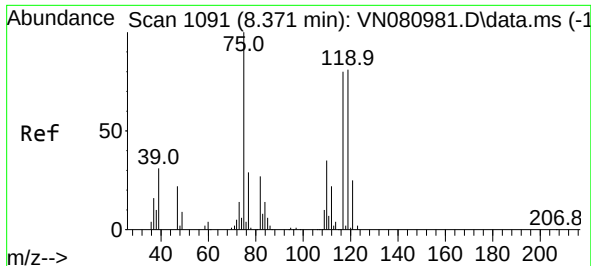
Supervised By :Mahesh Dadoda 02/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion:114 Resp: 535043
Ion Ratio Lower Upper
114 100
63 18.2 15.9 23.9
88 14.9 12.7 19.1





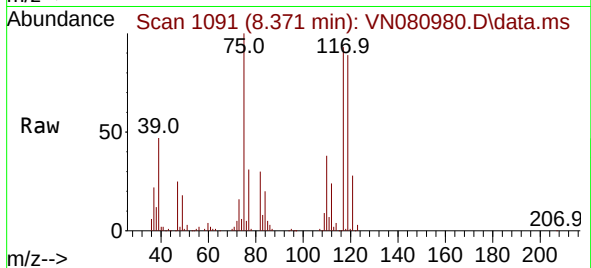
#29
1,1-Dichloropropene
Concen: 47.906 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



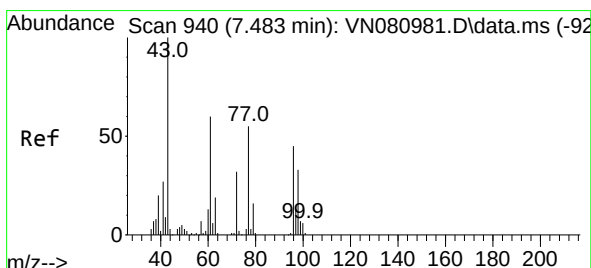
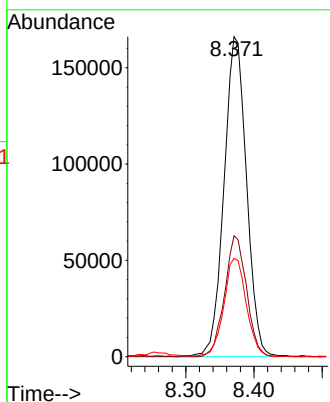
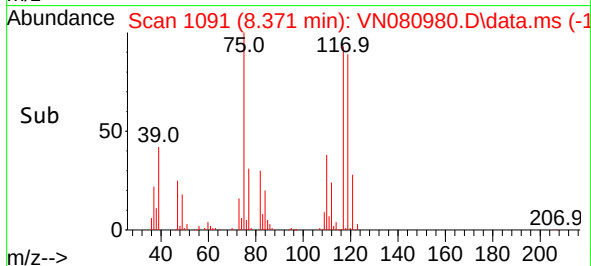
Tgt Ion: 75 Resp: 38180
Ion Ratio Lower Upper
75 100
110 36.7 0.0 70.2
77 30.8 0.0 61.4

Manual Integrations

APPROVED

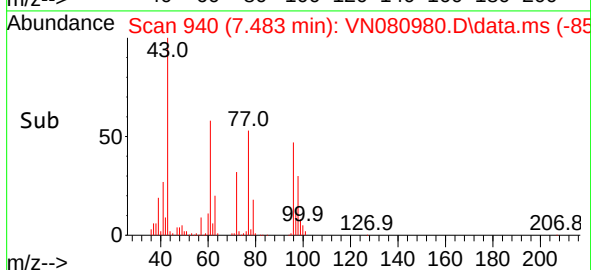
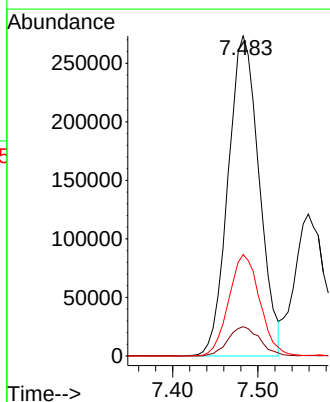
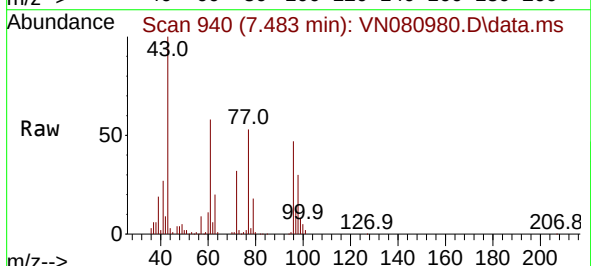
Reviewed By :John Carlone 02/12/2024

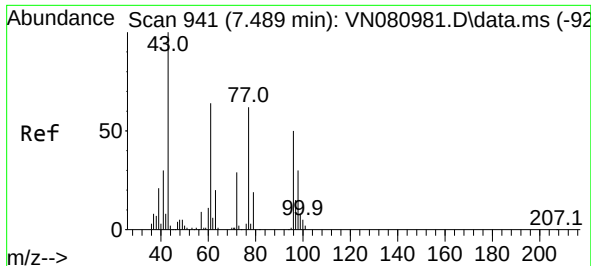
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 236.903 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

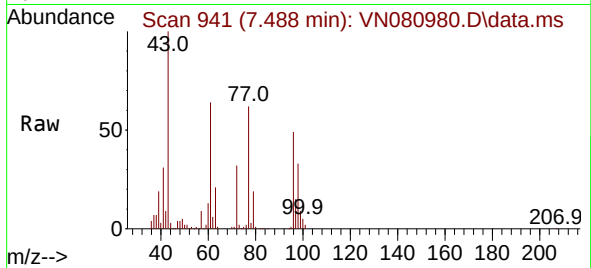
Tgt Ion: 43 Resp: 692728
Ion Ratio Lower Upper
43 100
57 9.4 6.7 10.1
72 31.7 24.0 36.0





#31
2,2-Dichloropropane
Concen: 48.964 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

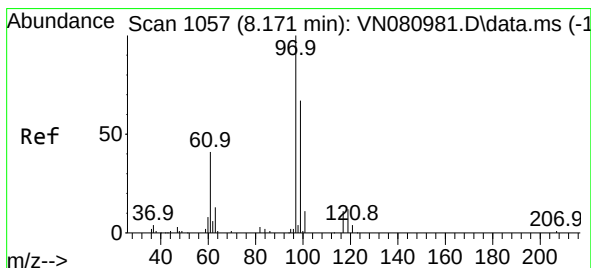
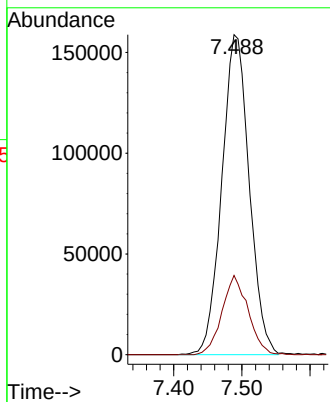
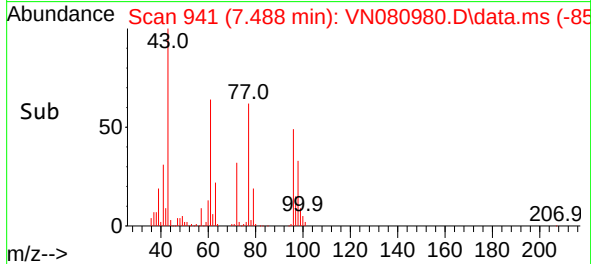
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



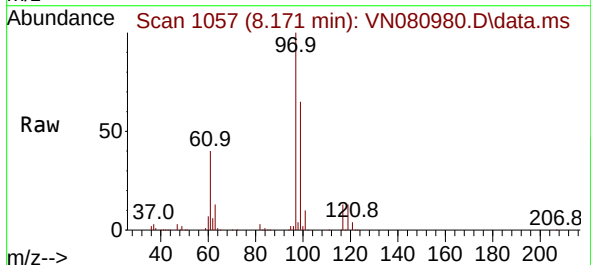
Tgt Ion: 77 Resp: 444310
Ion Ratio Lower Upper
77 100
97 23.5 18.3 27.5

Manual Integrations
APPROVED

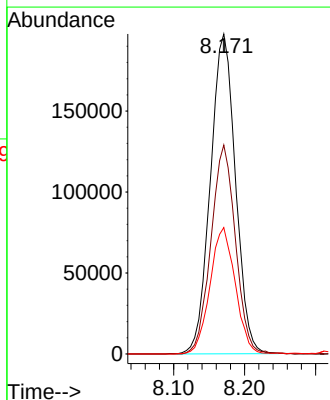
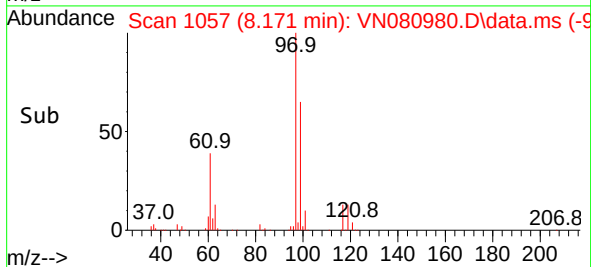
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

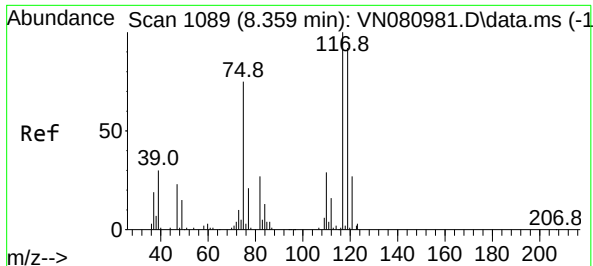


#32
1,1,1-Trichloroethane
Concen: 48.292 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23



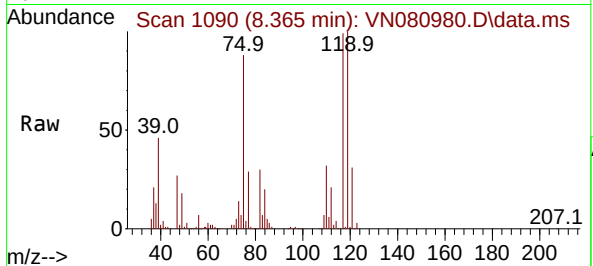
Tgt Ion: 97 Resp: 484170
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 39.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 48.537 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

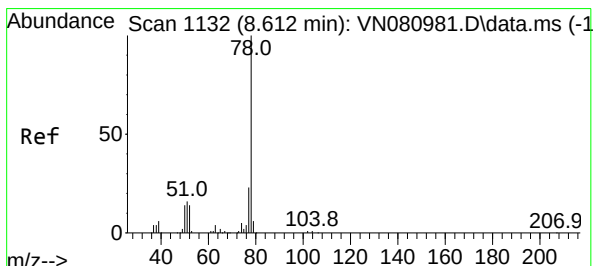
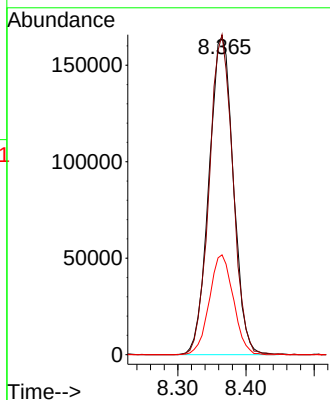
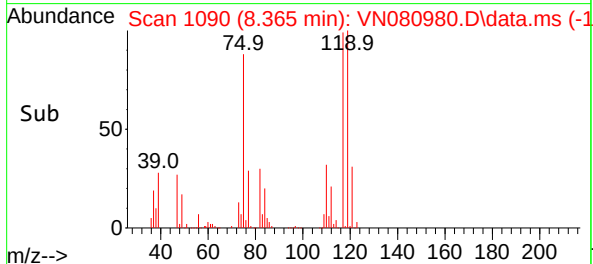
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 410000
Ion Ratio Lower Upper
117 100
119 100.5 77.7 116.5
121 31.4 27.0 40.6

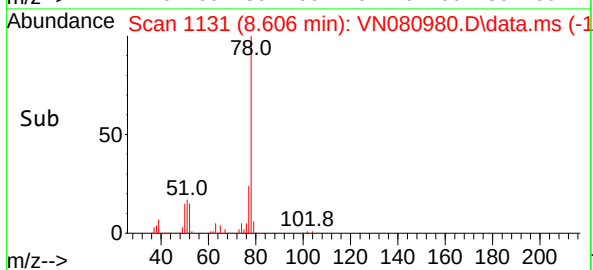
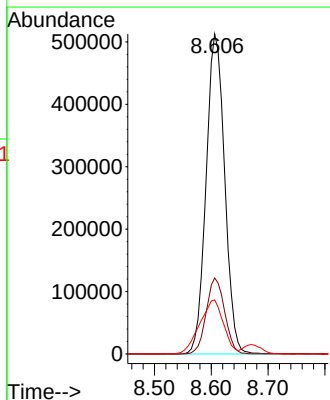
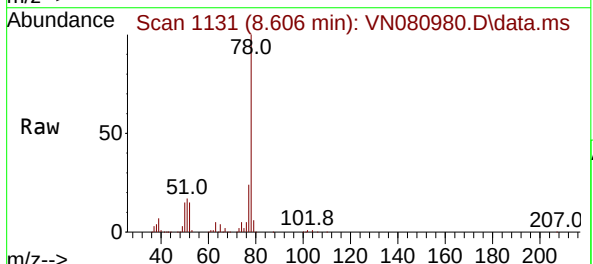
Manual Integrations
APPROVED

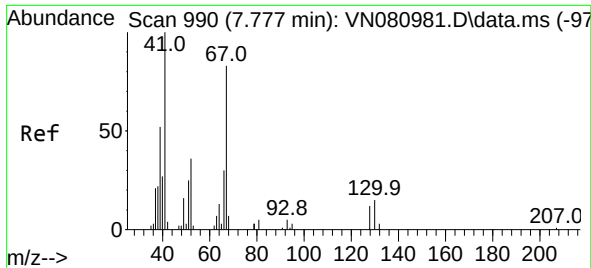
Reviewed By : John Carlone 02/12/2024
Supervised By : Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 47.755 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

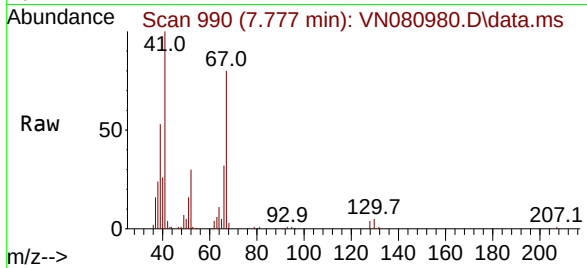
Tgt Ion: 78 Resp: 1163075
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 16.8 13.3 19.9





#35
Methacrylonitrile
Concen: 48.573 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

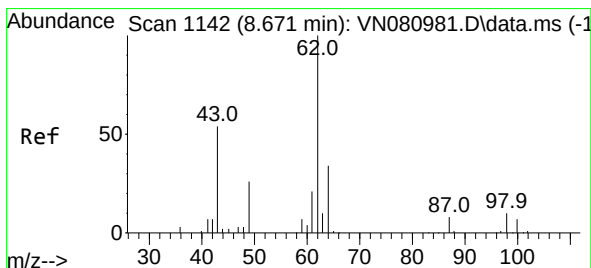
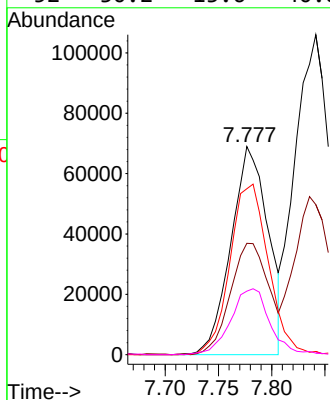
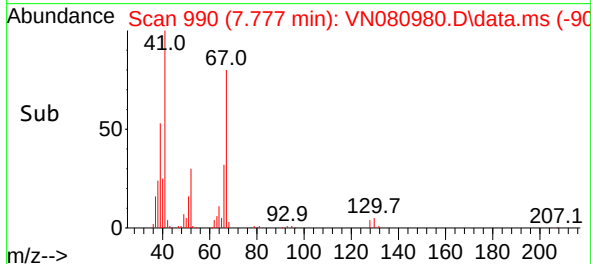
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 16694
Ion Ratio Lower Upper
41 100
39 53.1 25.3 75.9
67 79.7 38.7 116.1
52 30.2 13.6 40.8

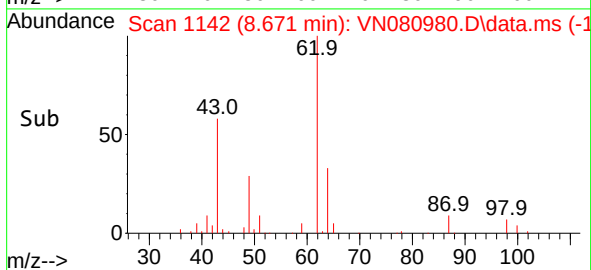
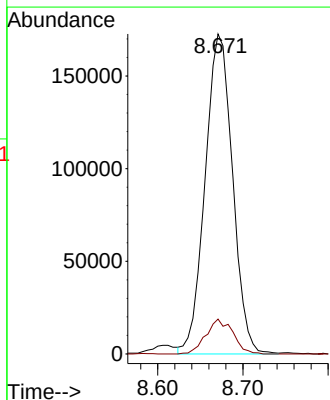
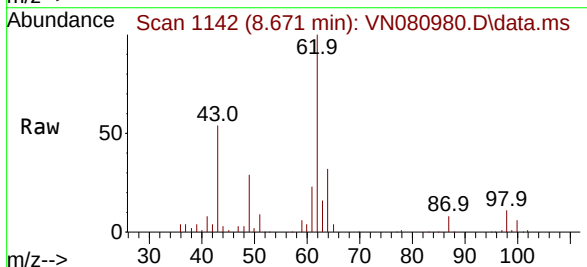
Manual Integrations
APPROVED

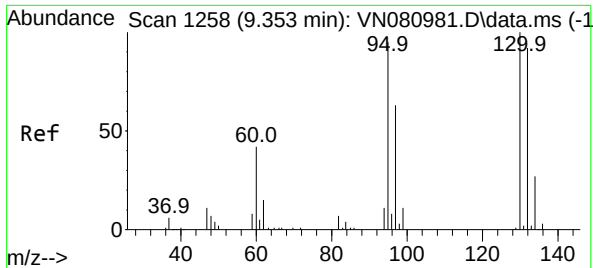
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 47.315 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 62 Resp: 386735
Ion Ratio Lower Upper
62 100
98 10.7 8.2 12.4





#37

Trichloroethene

Concen: 47.533 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:130 Resp: 30778

Ion Ratio Lower Upper

130 100

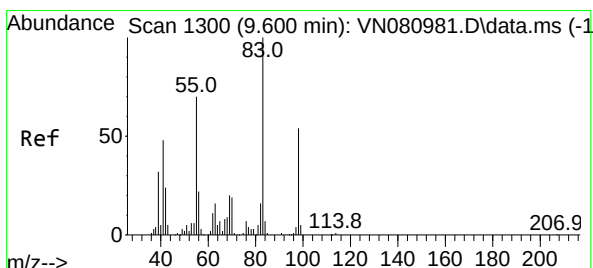
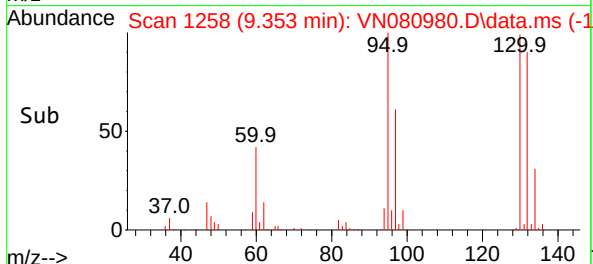
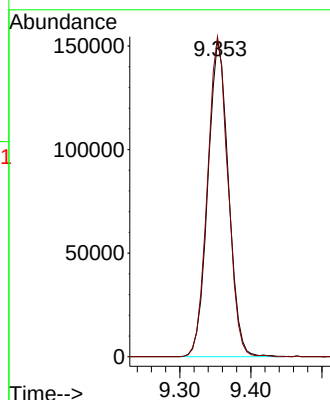
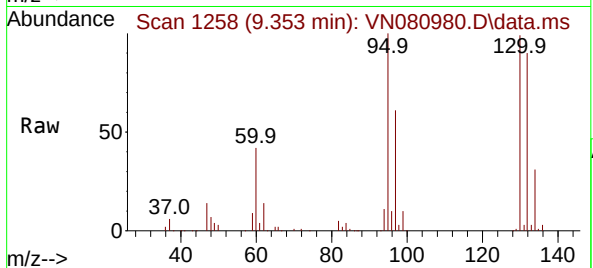
95 101.2 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Methylcyclohexane

Concen: 47.594 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

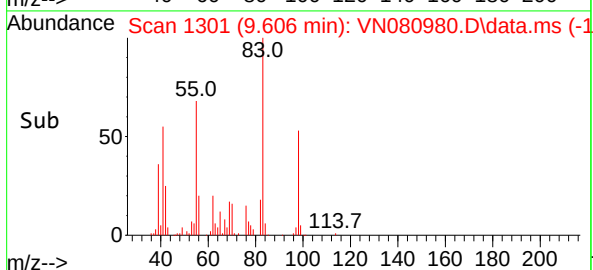
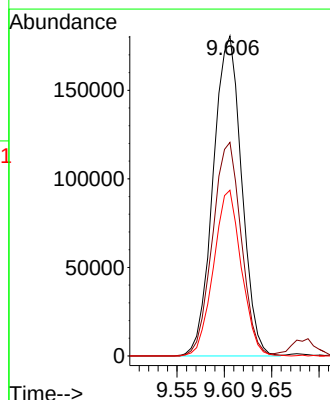
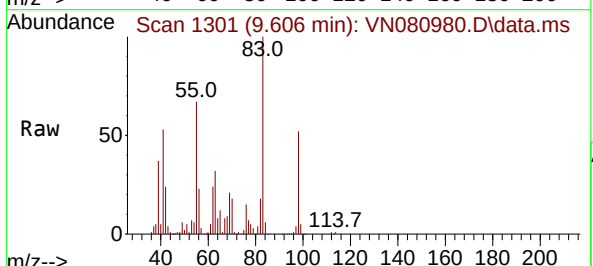
Tgt Ion: 83 Resp: 378546

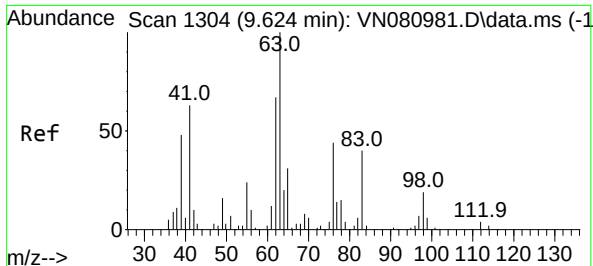
Ion Ratio Lower Upper

83 100

55 67.3 36.6 109.9

98 50.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 47.130 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 272264

Ion Ratio Lower Upper

63 100

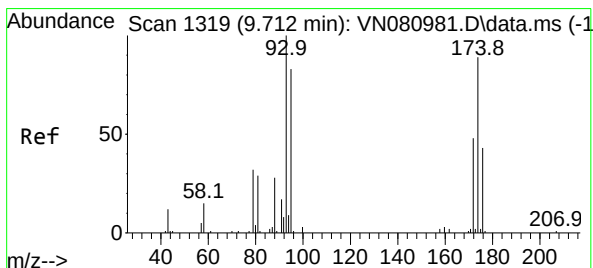
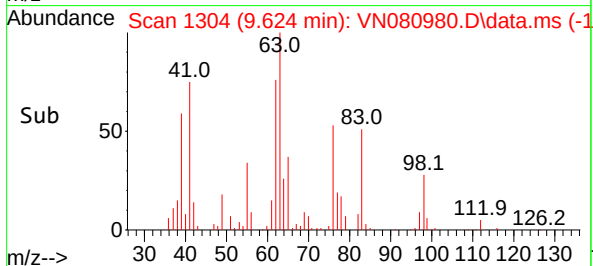
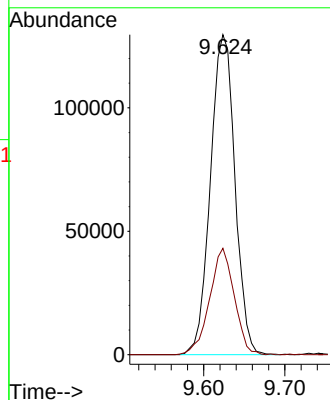
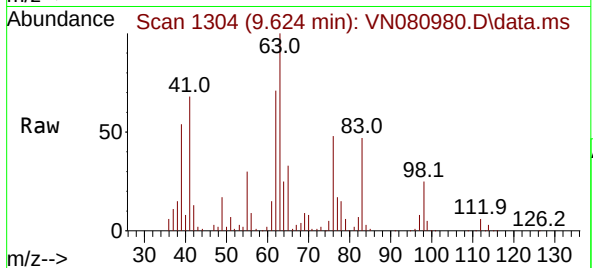
65 33.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#40

Dibromomethane

Concen: 48.787 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

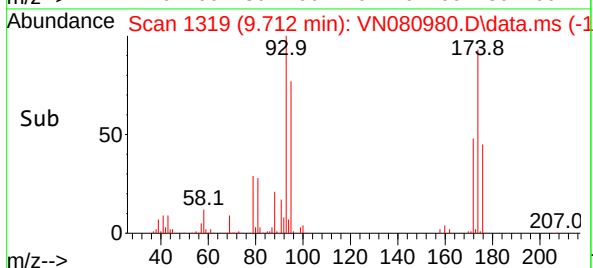
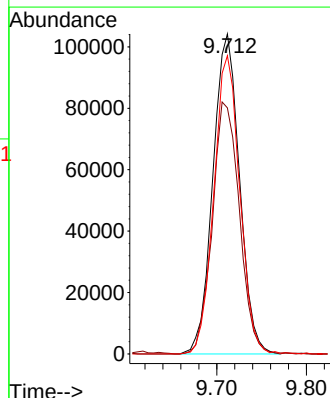
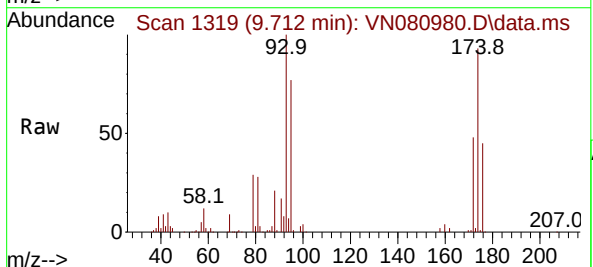
Tgt Ion: 93 Resp: 214423

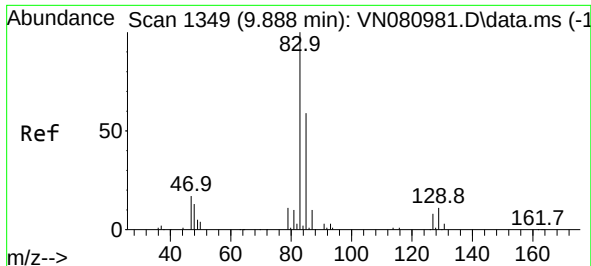
Ion Ratio Lower Upper

93 100

95 80.2 0.0 164.6

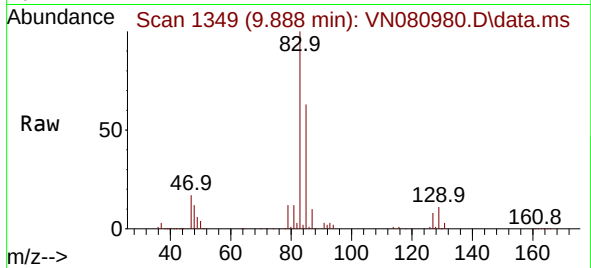
174 90.8 0.0 193.2





#41
Bromodichloromethane
Concen: 48.012 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

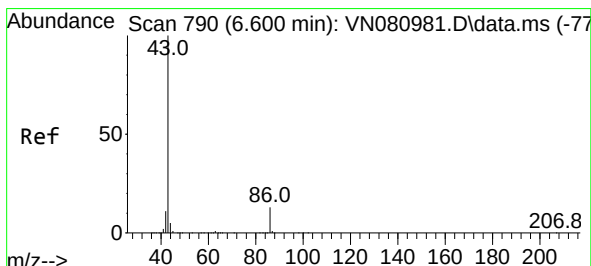
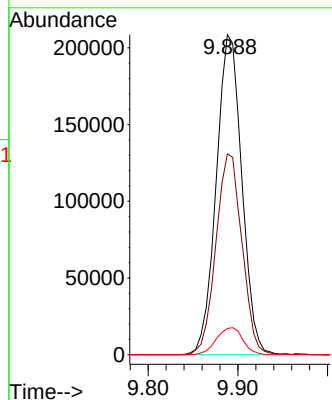
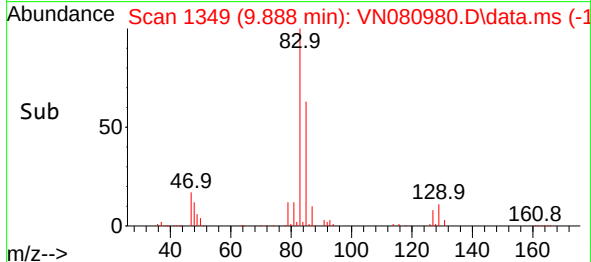
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 83 Resp: 412982
Ion Ratio Lower Upper
83 100
85 62.7 49.4 74.2
127 8.2 7.3 10.9

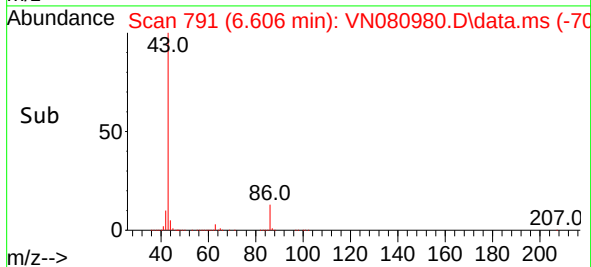
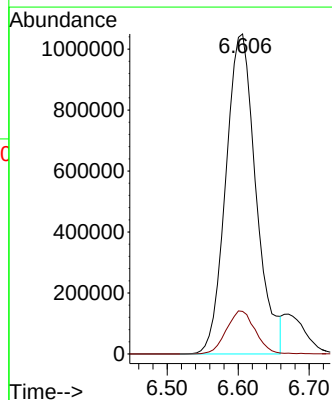
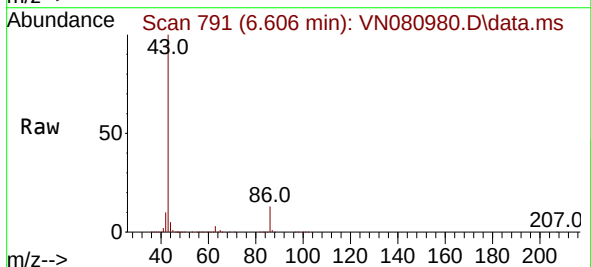
Manual Integrations
APPROVED

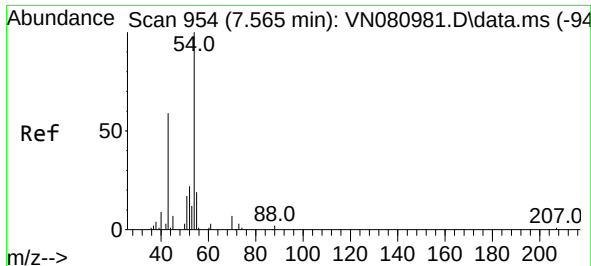
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 246.625 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

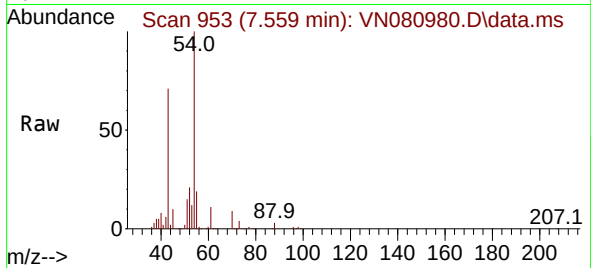
Tgt Ion: 43 Resp: 3098546
Ion Ratio Lower Upper
43 100
86 12.9 9.4 14.2





#43
Ethyl Acetate
Concen: 49.553 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

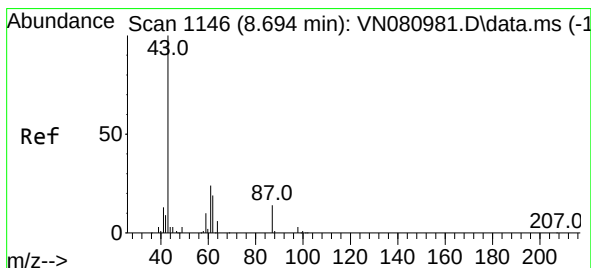
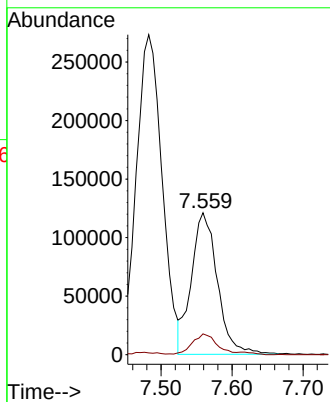
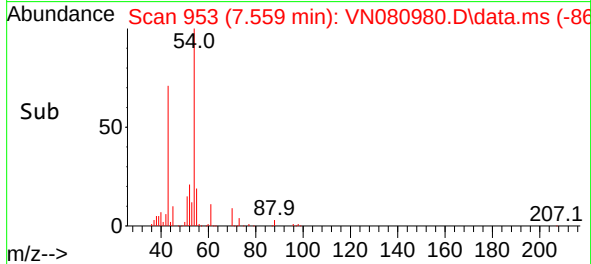
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



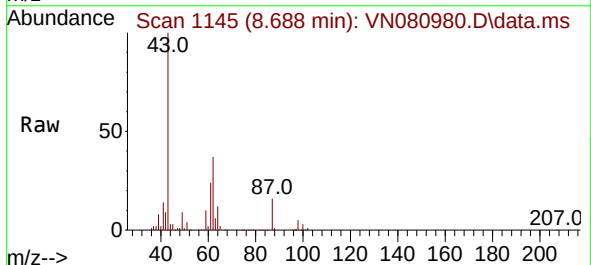
Tgt Ion: 43 Resp: 308600
Ion Ratio Lower Upper
43 100
45 13.8 10.6 15.8

Manual Integrations
APPROVED

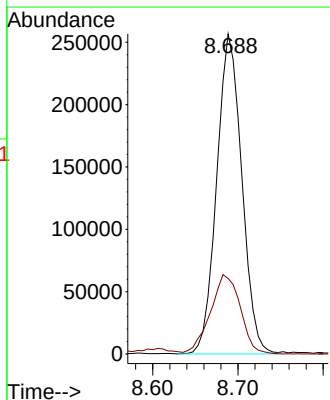
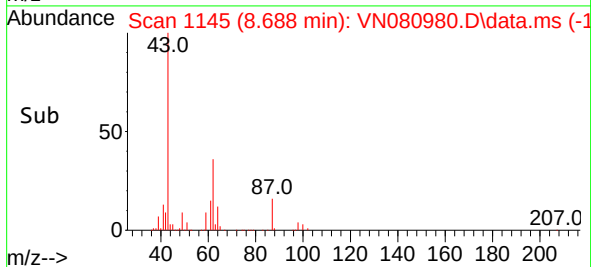
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

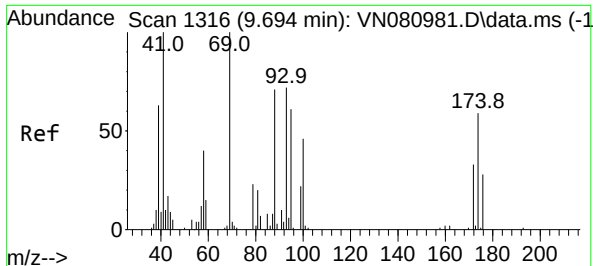


#44
Isopropyl Acetate
Concen: 47.936 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23



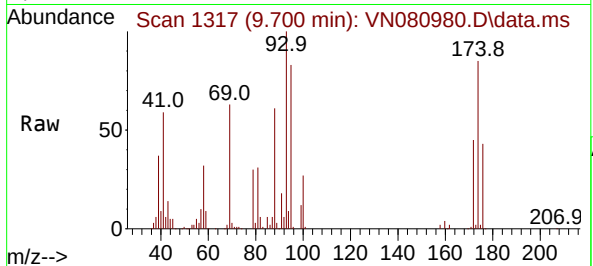
Tgt Ion: 43 Resp: 524578
Ion Ratio Lower Upper
43 100
61 29.6 25.0 37.4





#45
1,4-Dioxane
Concen: 927.040 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

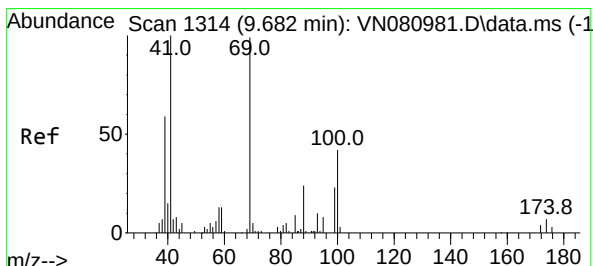
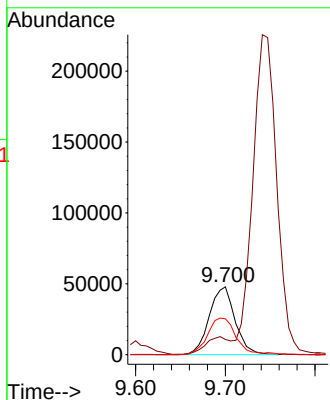
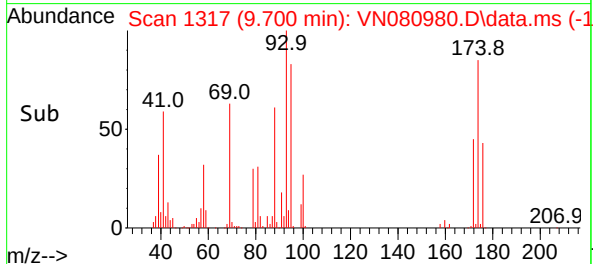
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



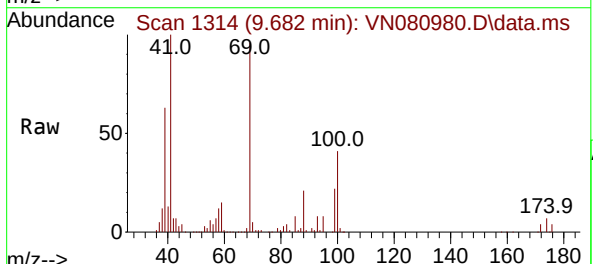
Tgt Ion: 88 Resp: 9566
Ion Ratio Lower Upper
88 100
43 23.8 19.8 29.6
58 58.4 55.4 83.0

Manual Integrations
APPROVED

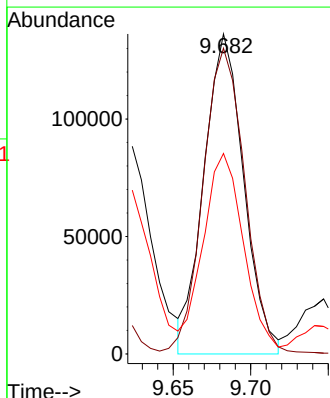
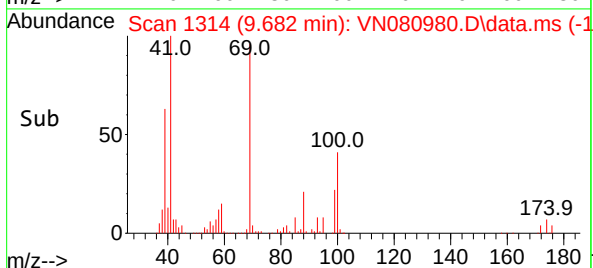
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

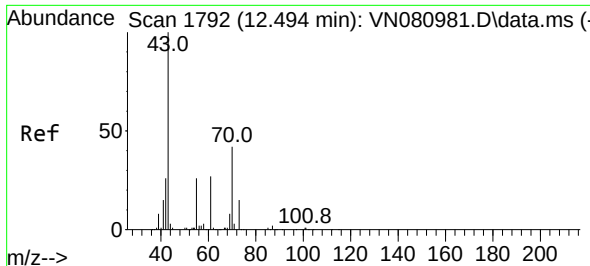


#46
Methyl methacrylate
Concen: 48.530 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23



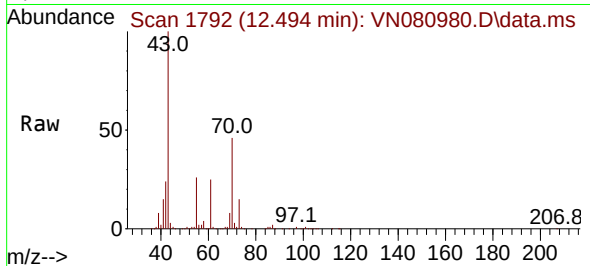
Tgt Ion: 41 Resp: 243000
Ion Ratio Lower Upper
41 100
69 97.6 51.1 153.3
39 63.3 25.8 77.3





#47
n-amy1 Acetate
Concen: 48.966 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

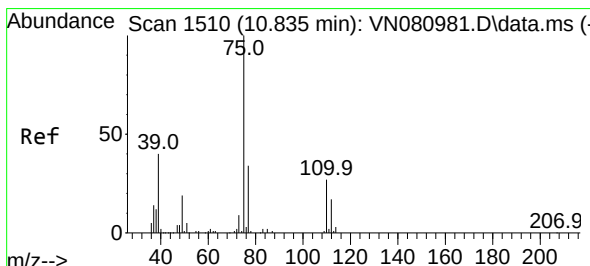
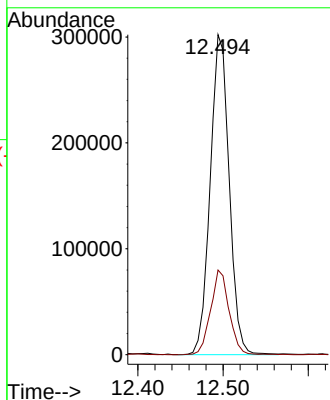
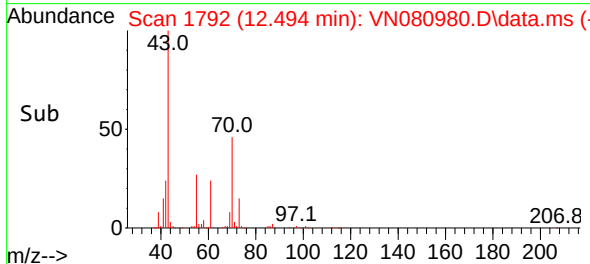
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



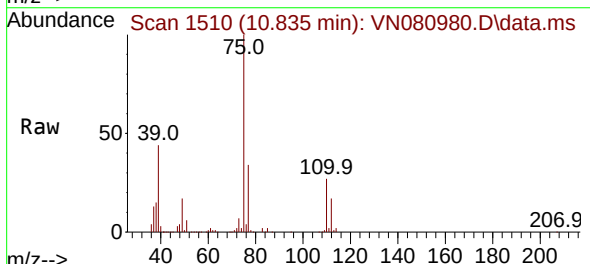
Tgt Ion: 43 Resp: 467318
Ion Ratio Lower Upper
43 100
55 25.7 23.4 35.2

Manual Integrations
APPROVED

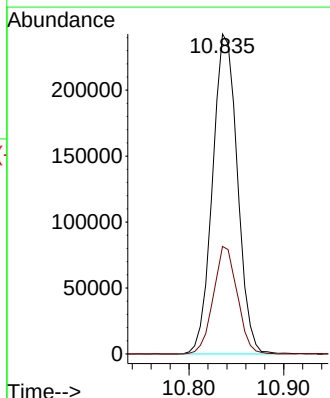
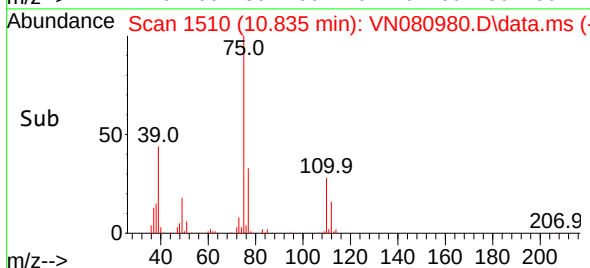
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

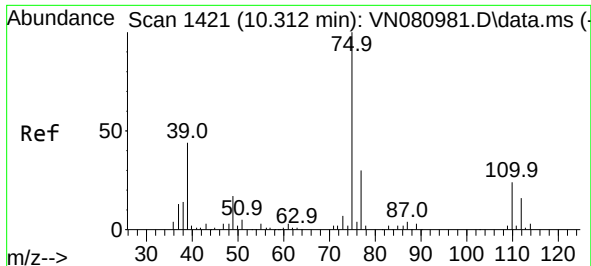


#48
t-1,3-Dichloropropene
Concen: 49.159 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23



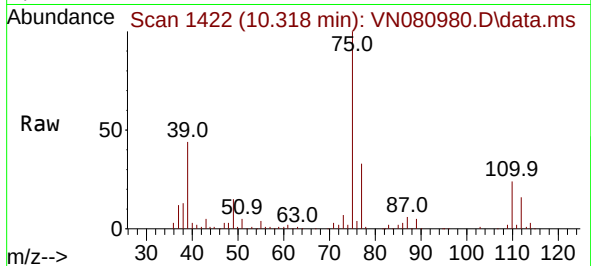
Tgt Ion: 75 Resp: 443162
Ion Ratio Lower Upper
75 100
77 33.6 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 49.619 ug/l
 RT: 10.318 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN080980.D
 Acq: 09 Feb 2024 10:23

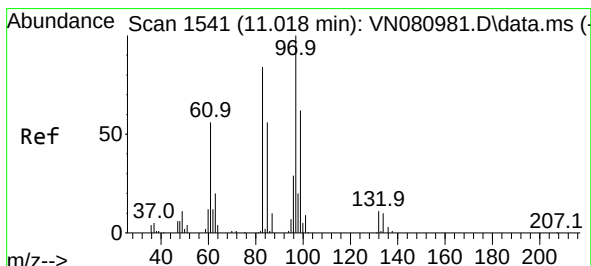
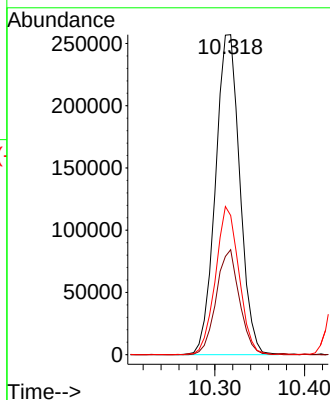
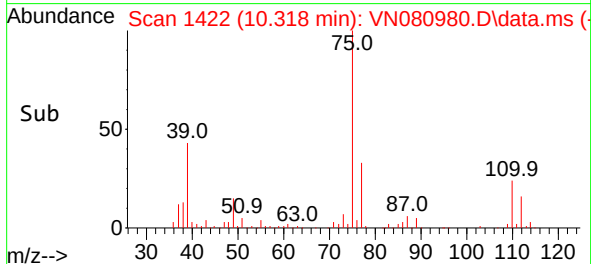
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 484699
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.9 37.3
 39 43.4 31.0 46.6

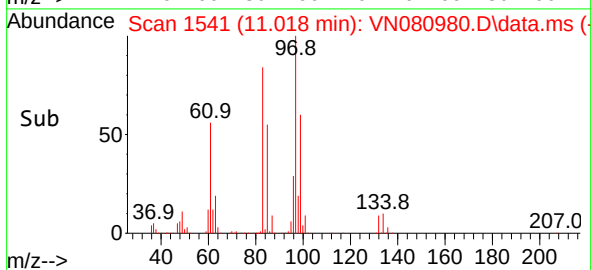
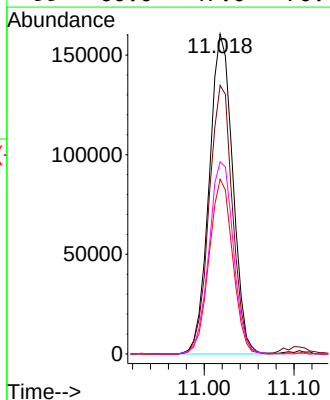
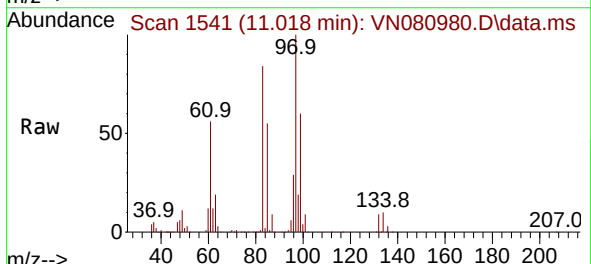
Manual Integrations
 APPROVED

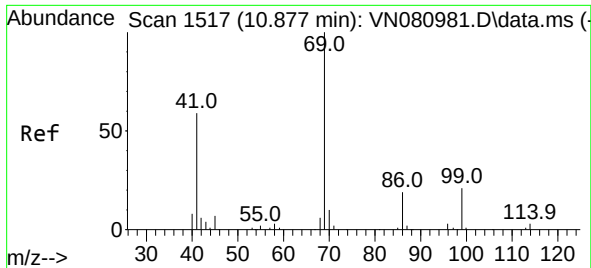
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#50
 1,1,2-Trichloroethane
 Concen: 48.136 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080980.D
 Acq: 09 Feb 2024 10:23

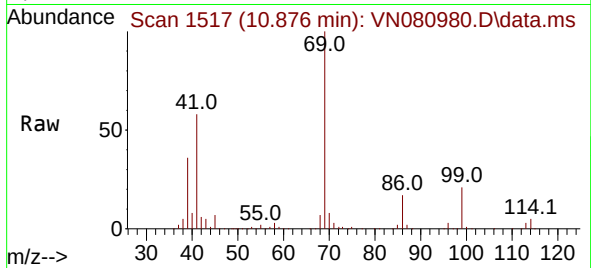
Tgt Ion: 97 Resp: 292730
 Ion Ratio Lower Upper
 97 100
 83 83.9 68.1 102.1
 85 54.6 41.8 62.6
 99 60.0 47.0 70.4





#51
Ethyl methacrylate
Concen: 49.320 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

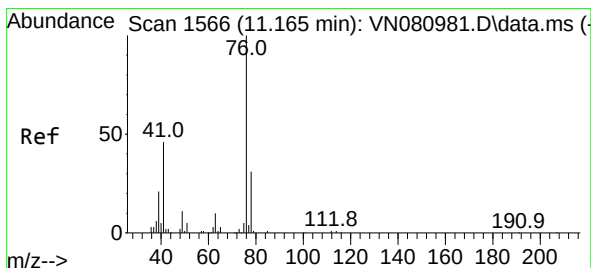
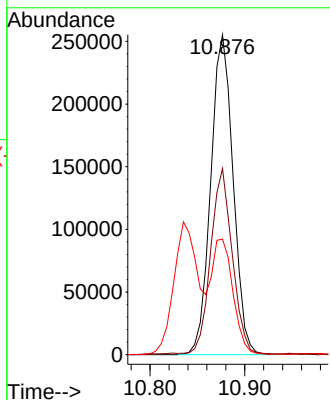
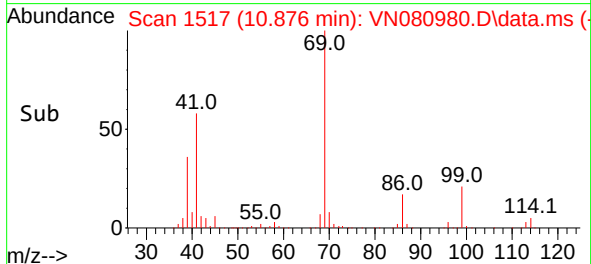
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 69 Resp: 419190
Ion Ratio Lower Upper
69 100
41 57.9 25.5 76.5
39 35.9 16.0 47.9

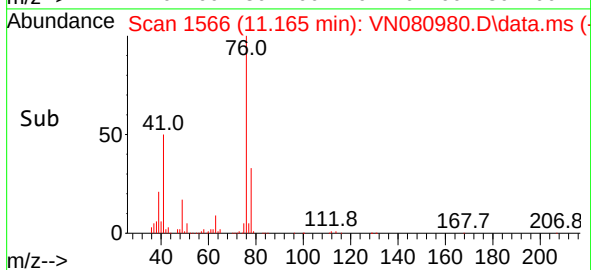
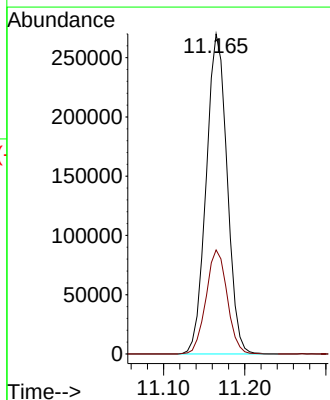
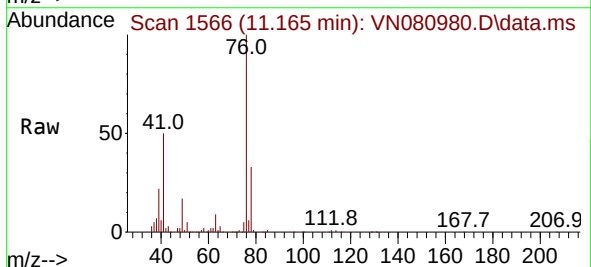
Manual Integrations
APPROVED

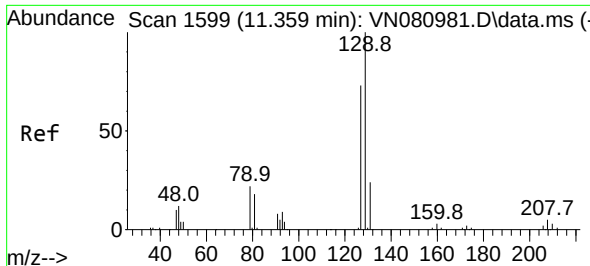
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
1,3-Dichloropropane
Concen: 48.094 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

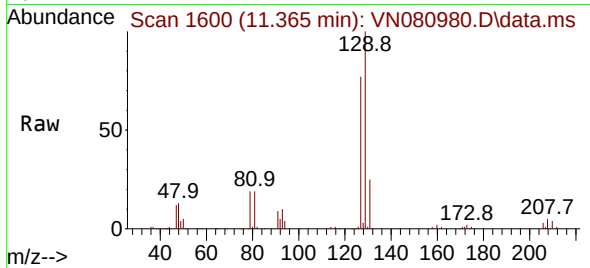
Tgt Ion: 76 Resp: 482978
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.8





#53
Dibromochloromethane
Concen: 48.636 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

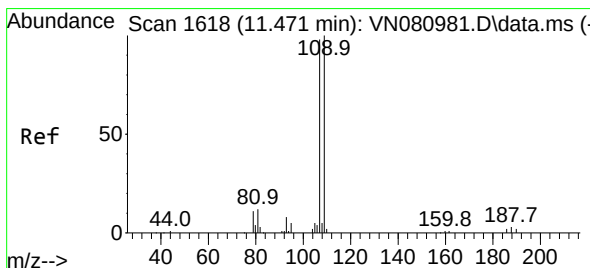
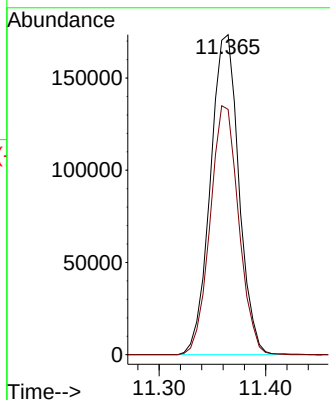
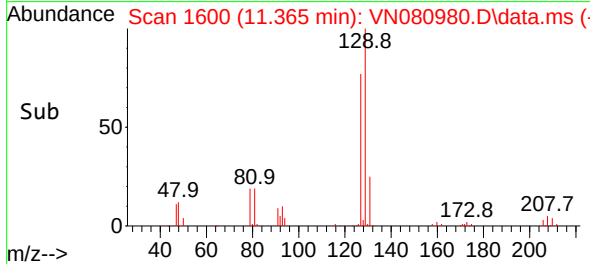
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:129 Resp: 322374
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.1

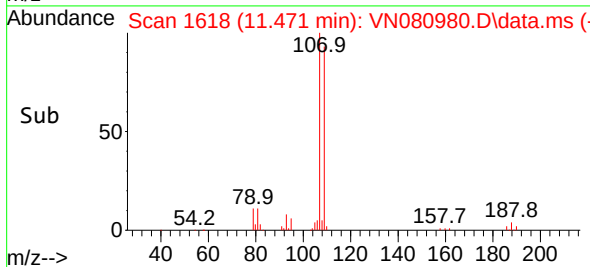
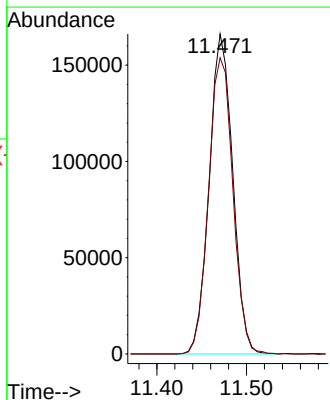
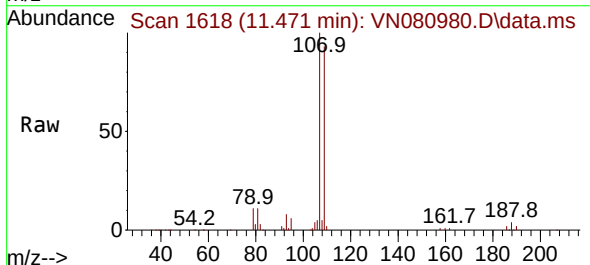
Manual Integrations
APPROVED

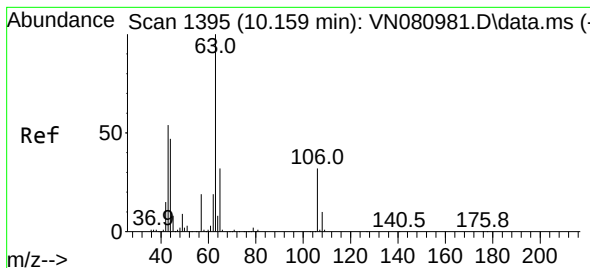
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#54
1,2-Dibromoethane
Concen: 48.084 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion:107 Resp: 302520
Ion Ratio Lower Upper
107 100
109 95.7 74.7 112.1





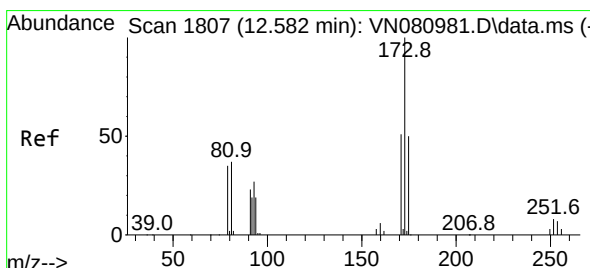
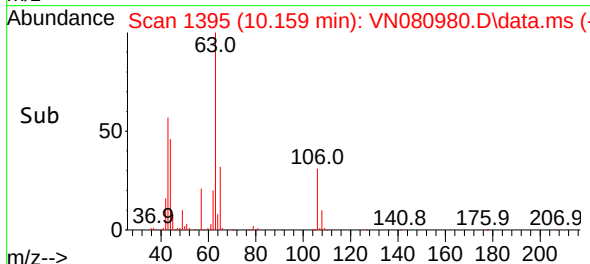
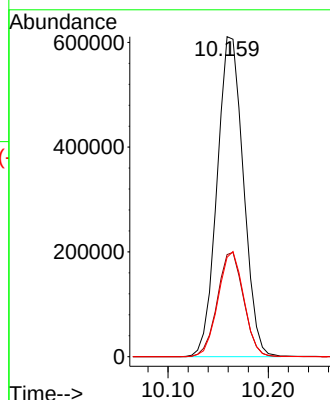
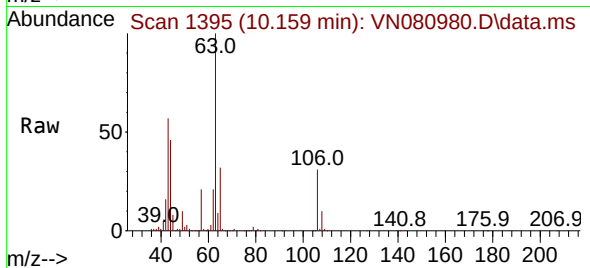
#55
2-Chloroethyl vinyl ether
Concen: 255.628 ug/l
RT: 10.159 min Scan# 1113420
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 1113420
Ion Ratio Lower Upper
63 100
65 32.5 26.2 39.2
106 32.0 23.8 35.8

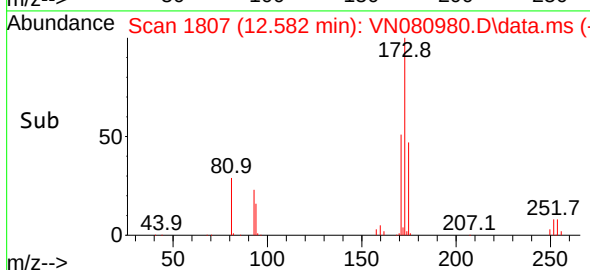
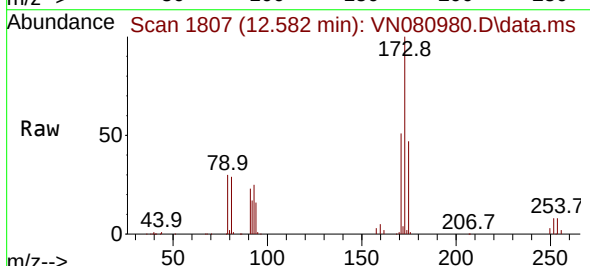
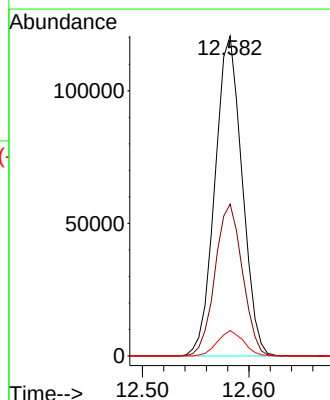
Manual Integrations
APPROVED

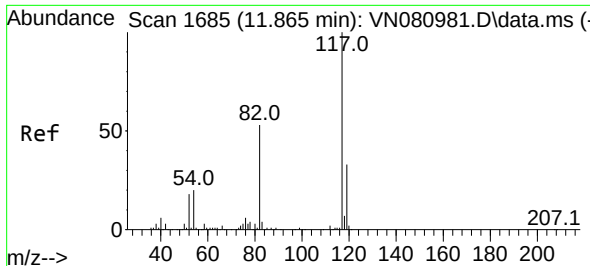
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 50.639 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion:173 Resp: 213766
Ion Ratio Lower Upper
173 100
175 47.8 40.0 60.0
254 7.6 8.3 12.5#





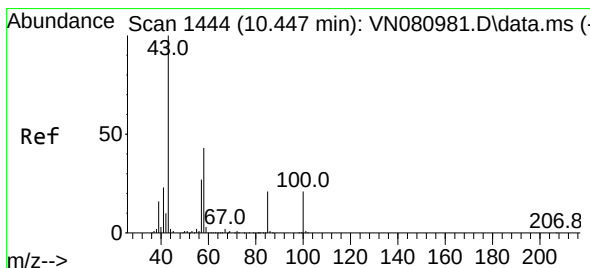
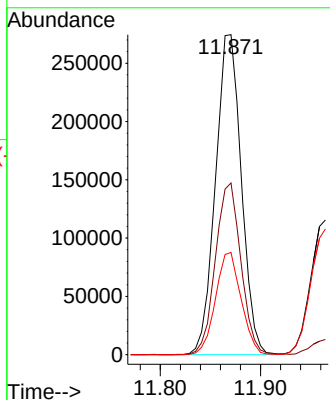
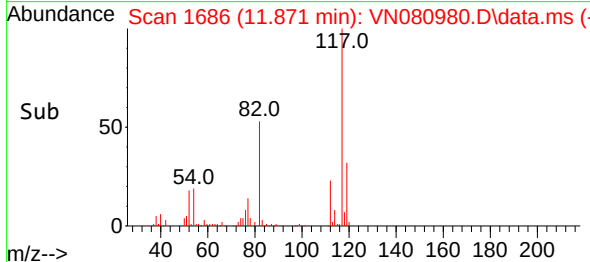
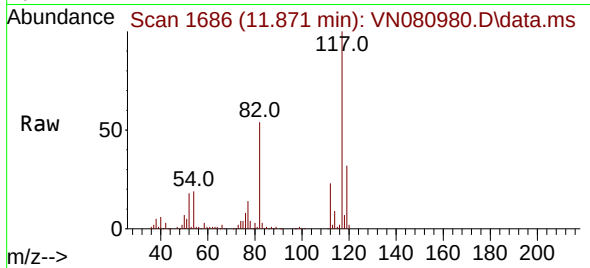
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:117 Resp: 49139
Ion Ratio Lower Upper
117 100
82 52.9 46.6 69.8
119 31.7 25.4 38.2

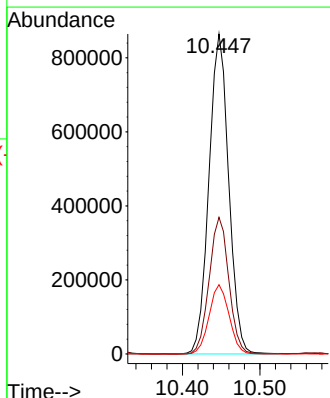
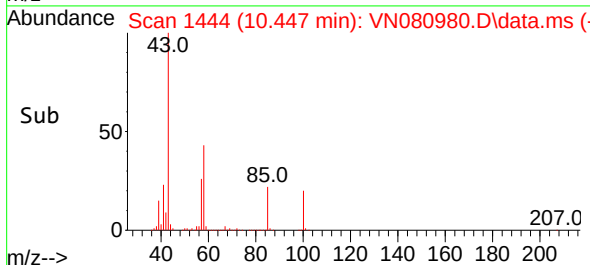
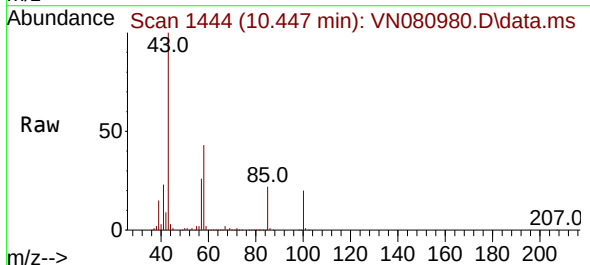
Manual Integrations
APPROVED

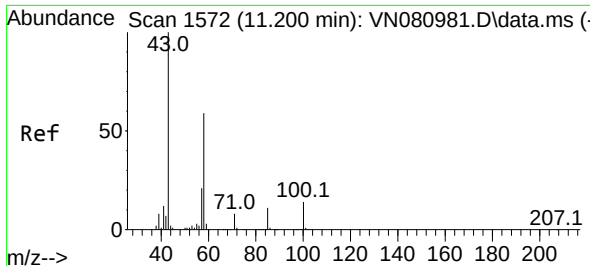
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 240.703 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 43 Resp: 1535601
Ion Ratio Lower Upper
43 100
58 42.5 36.5 54.7
85 21.9 19.5 29.3





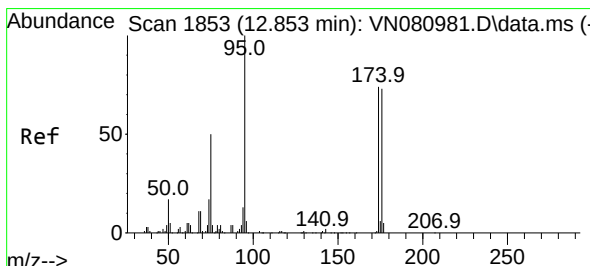
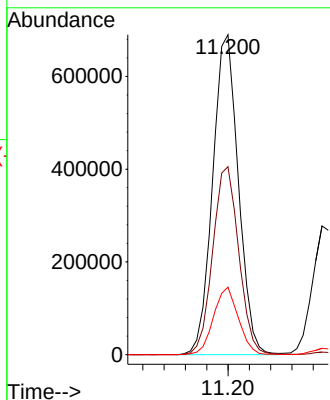
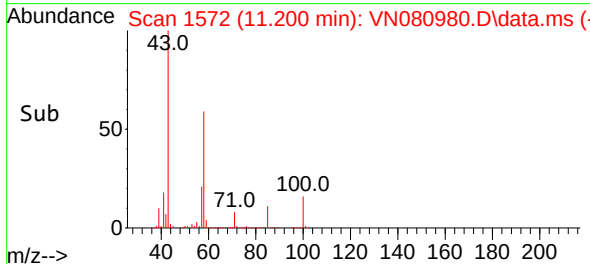
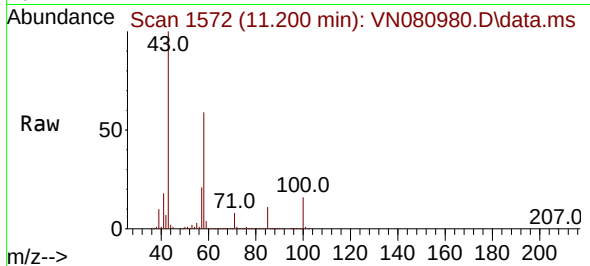
#59
2-Hexanone
Concen: 246.440 ug/l
RT: 11.200 min Scan# 115635
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 115635
Ion Ratio Lower Upper
43 100
58 59.5 50.4 75.6
57 20.4 18.6 27.8

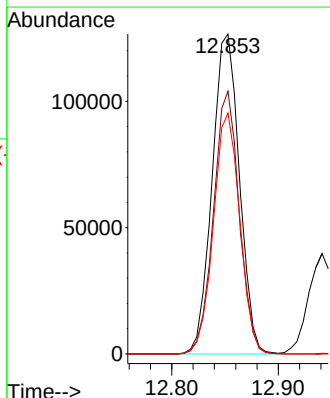
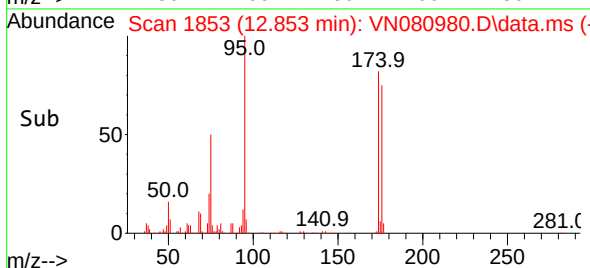
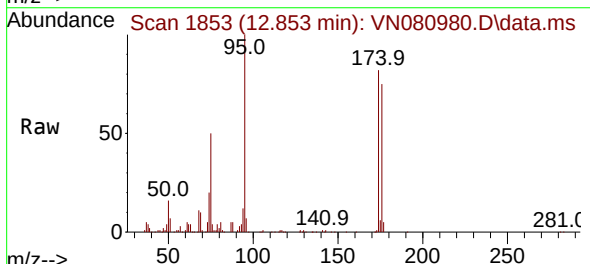
Manual Integrations
APPROVED

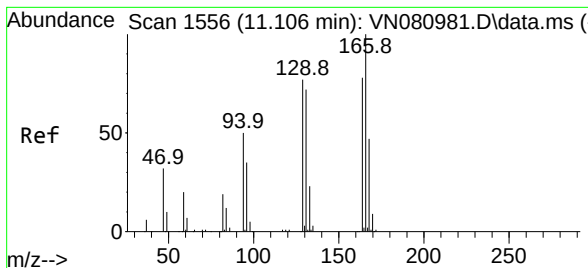
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 29.967 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

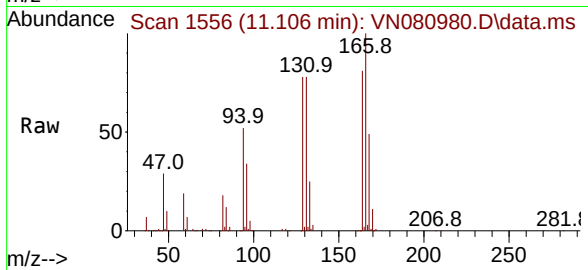
Tgt Ion: 95 Resp: 225124
Ion Ratio Lower Upper
95 100
174 77.3 60.5 90.7
176 72.7 57.8 86.6





#61
Tetrachloroethene
Concen: 47.734 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

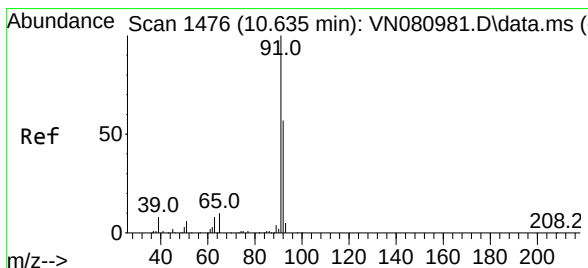
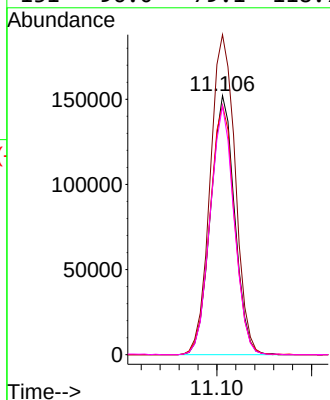
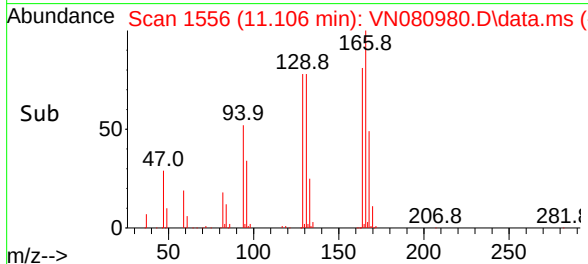
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



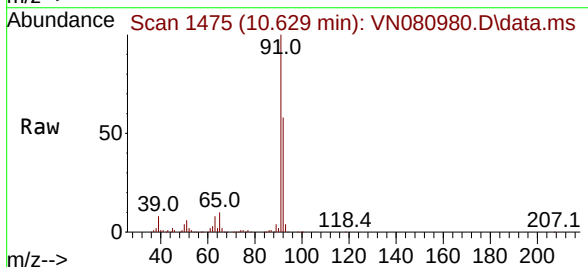
Tgt Ion:164 Resp: 267939
Ion Ratio Lower Upper
164 100
166 123.6 106.7 160.1
129 96.3 85.8 128.6
131 96.0 79.1 118.7

Manual Integrations
APPROVED

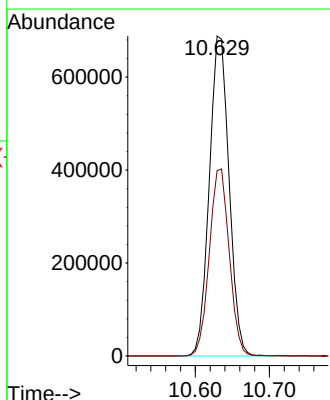
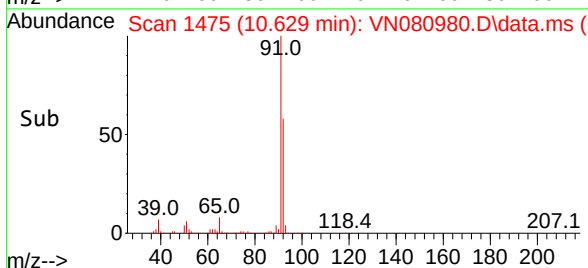
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

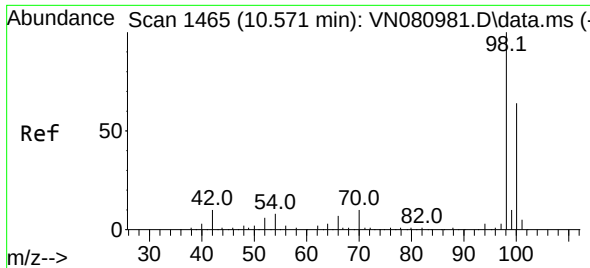


#62
Toluene
Concen: 47.328 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23



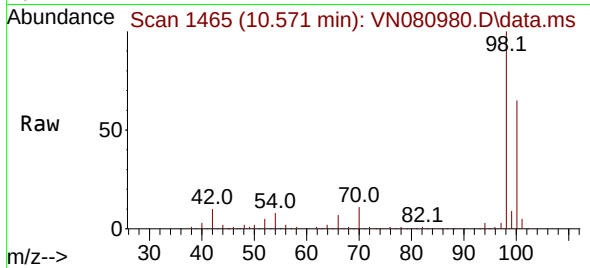
Tgt Ion: 91 Resp: 1273960
Ion Ratio Lower Upper
91 100
92 59.0 46.5 69.7





#63
Toluene-d8
Concen: 29.613 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

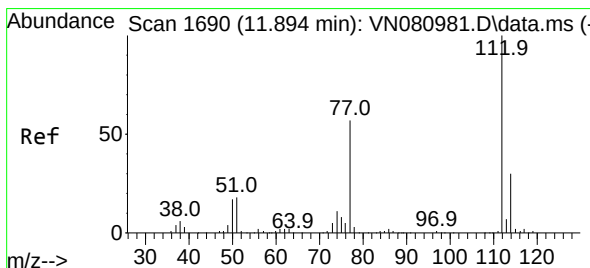
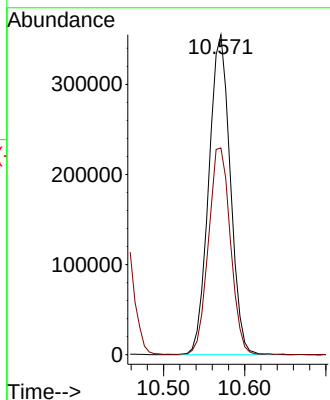
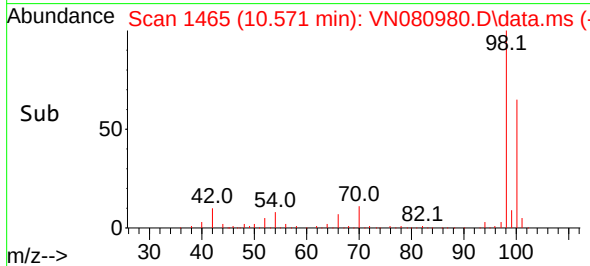
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



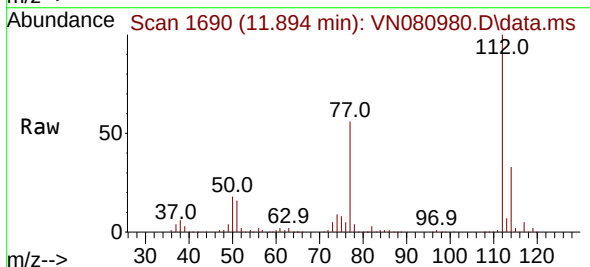
Tgt Ion: 98 Resp: 653038
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1

Manual Integrations
APPROVED

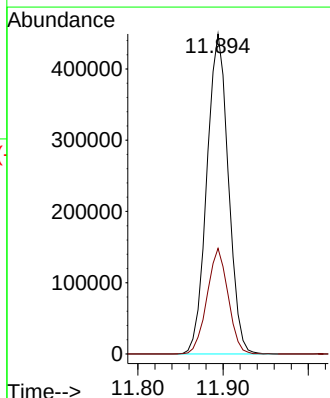
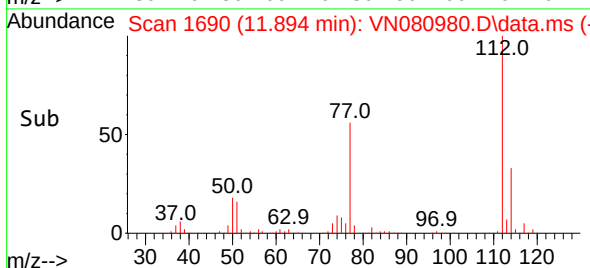
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

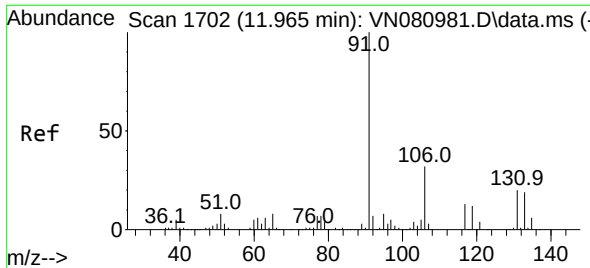


#64
Chlorobenzene
Concen: 47.906 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23



Tgt Ion:112 Resp: 789790
Ion Ratio Lower Upper
112 100
114 33.0 26.6 39.8





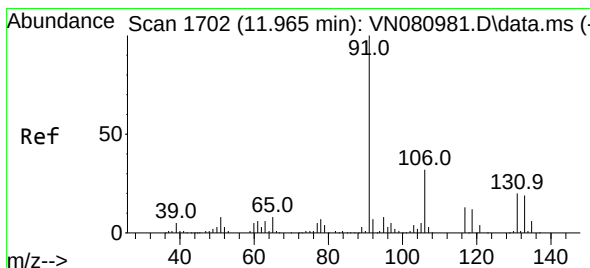
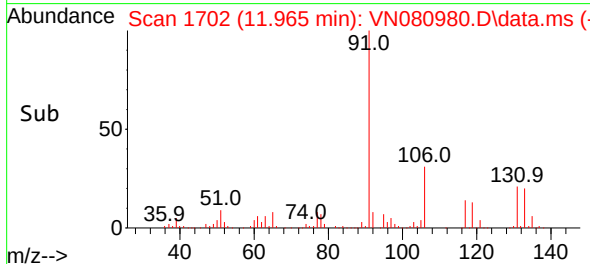
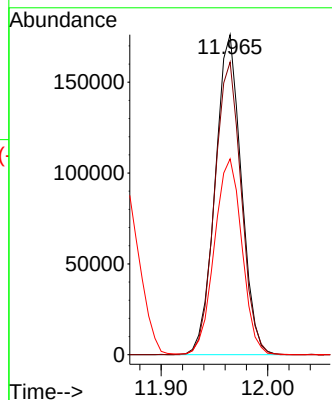
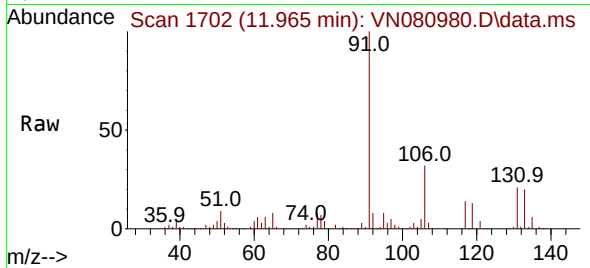
#65
1,1,1,2-Tetrachloroethane
Concen: 49.018 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 299763
Ion Ratio Lower Upper
131 100
133 93.3 0.0 188.0
119 64.6 0.0 122.8

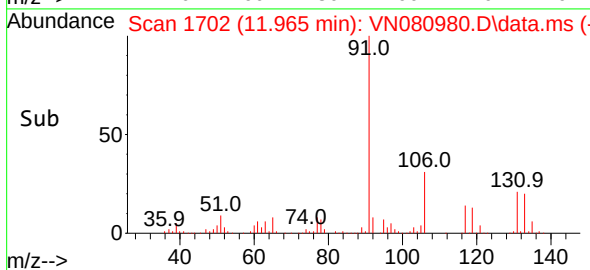
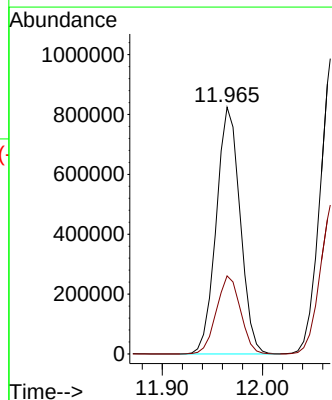
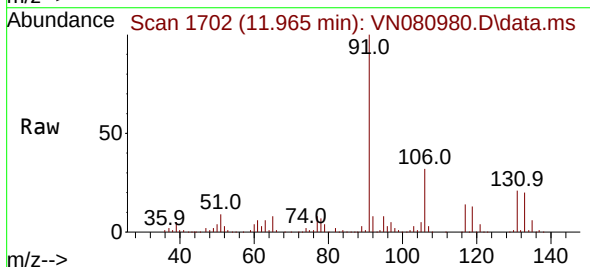
Manual Integrations
APPROVED

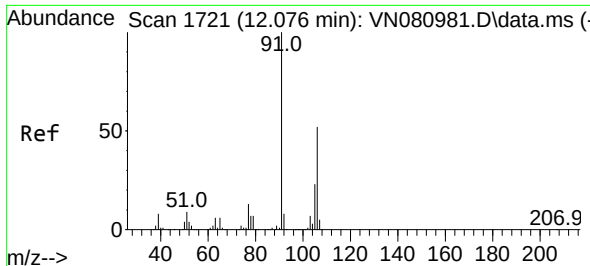
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
Ethyl Benzene
Concen: 48.169 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

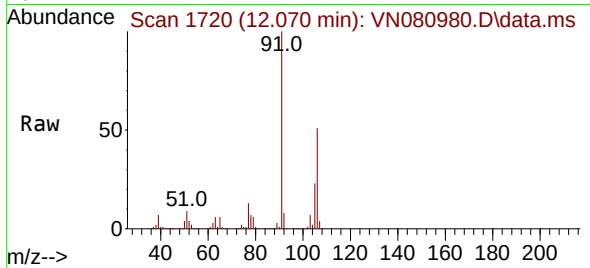
Tgt Ion: 91 Resp: 1363295
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6





#67
m/p-Xylenes
Concen: 96.911 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

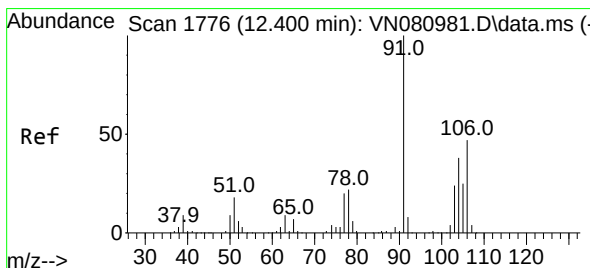
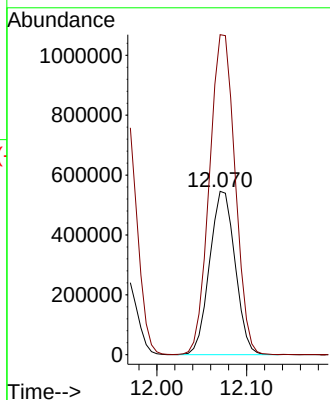
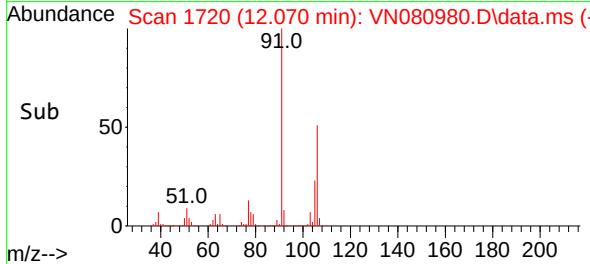
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:106 Resp: 1077144
Ion Ratio Lower Upper
106 100
91 197.5 166.6 249.8

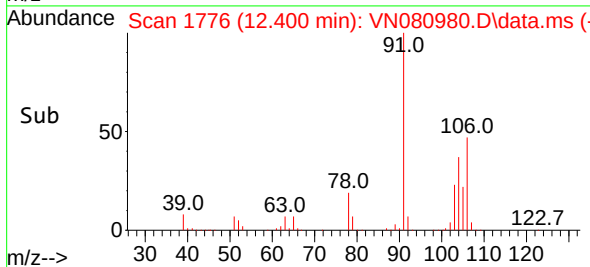
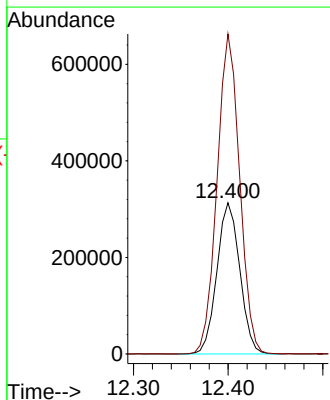
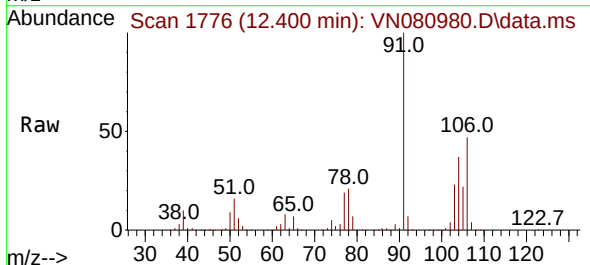
Manual Integrations
APPROVED

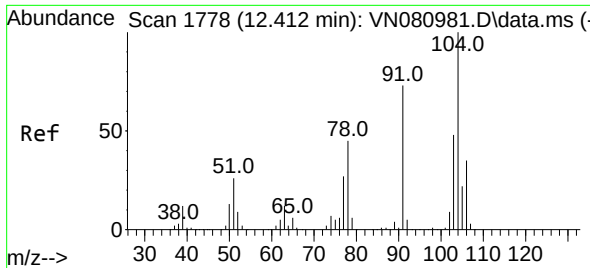
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 48.276 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion:106 Resp: 525843
Ion Ratio Lower Upper
106 100
91 209.2 110.0 330.0





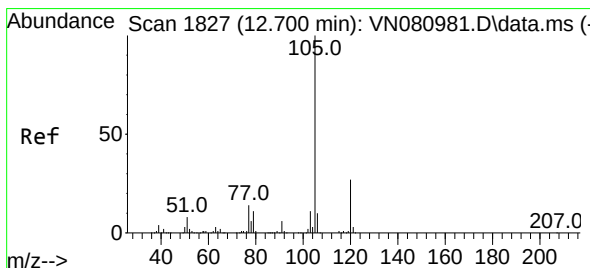
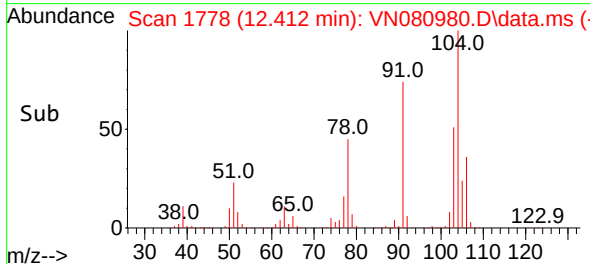
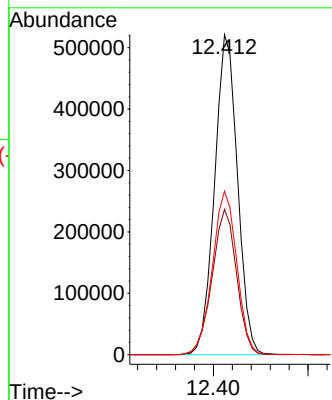
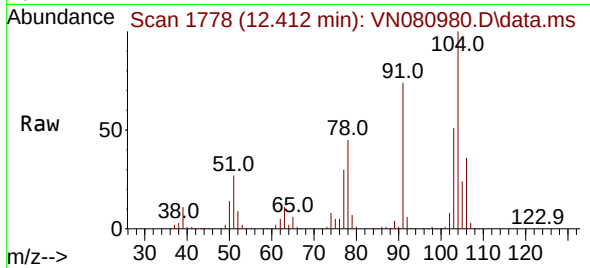
#69
Styrene
Concen: 48.889 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:104 Resp: 87669
Ion Ratio Lower Upper
104 100
78 48.4 42.6 64.0
103 54.4 43.7 65.5

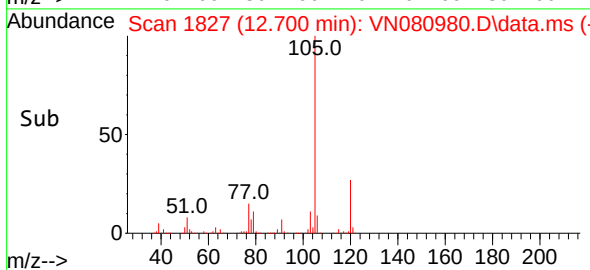
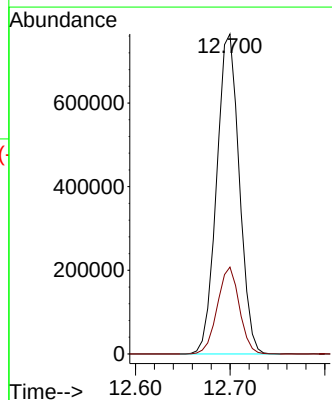
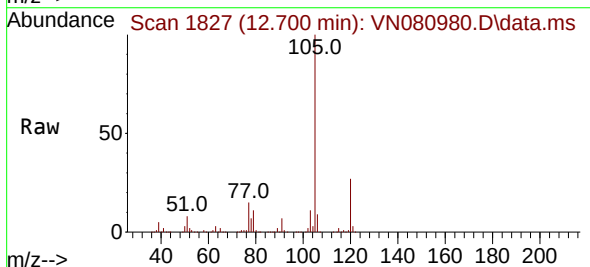
Manual Integrations
APPROVED

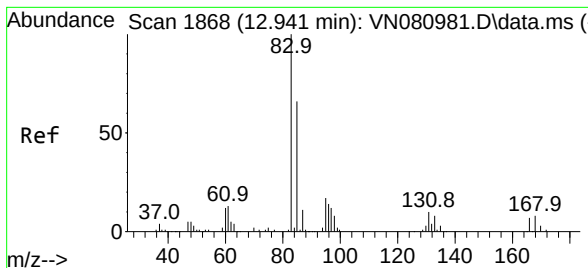
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#70
Isopropylbenzene
Concen: 47.814 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion:105 Resp: 1269236
Ion Ratio Lower Upper
105 100
120 26.4 17.8 33.1





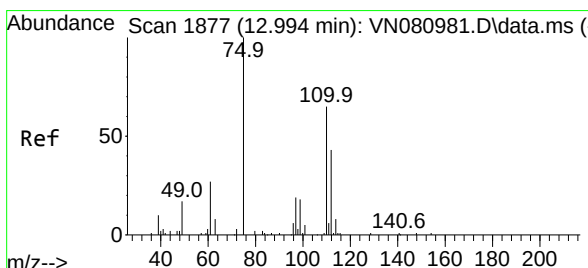
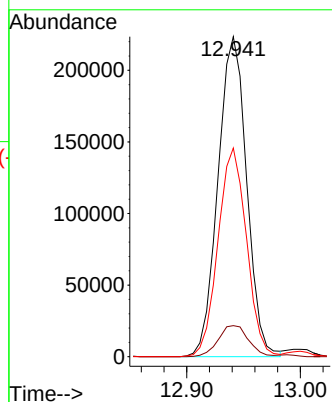
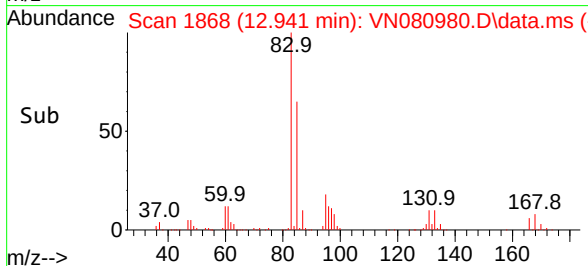
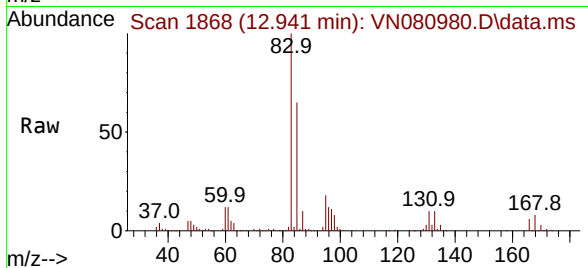
#71
1,1,2,2-Tetrachloroethane
Concen: 47.926 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 392294
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 64.7 32.3 96.8

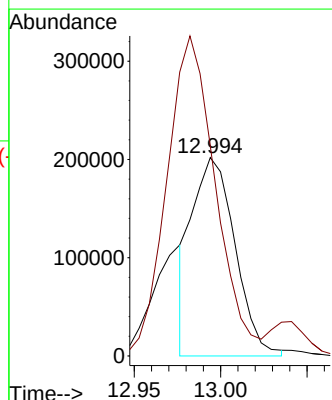
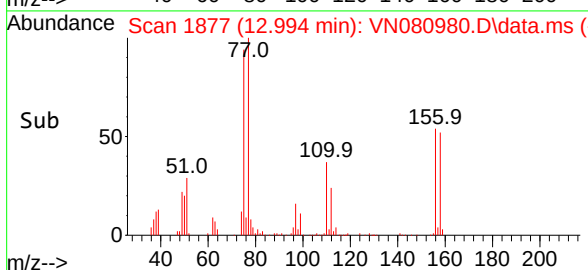
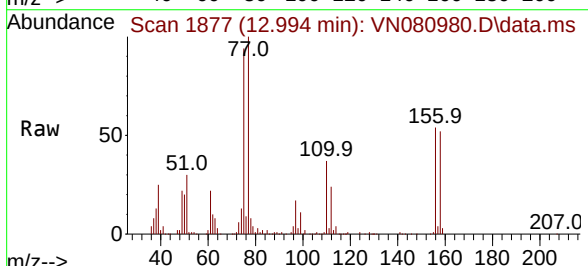
Manual Integrations
APPROVED

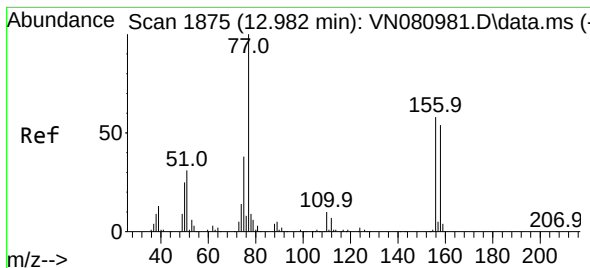
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#72
1,2,3-Trichloropropane
Concen: 55.579 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 75 Resp: 347574
Ion Ratio Lower Upper
75 100
77 183.8 0.0 367.6





#73

Bromobenzene

Concen: 49.014 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:156 Resp: 323554

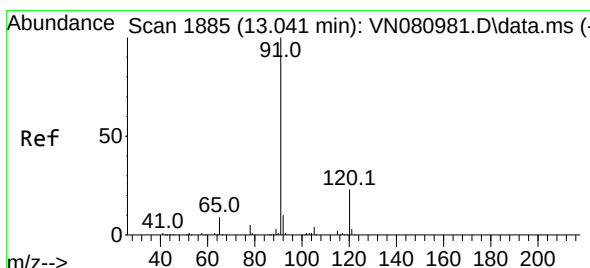
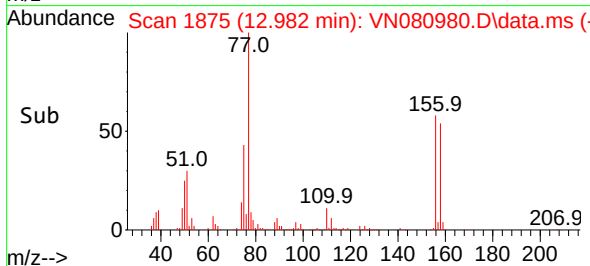
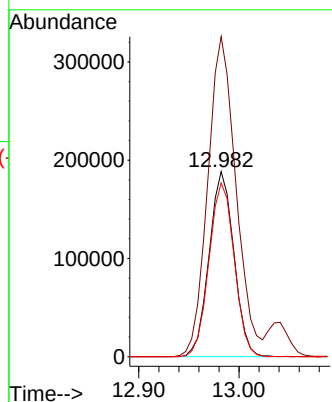
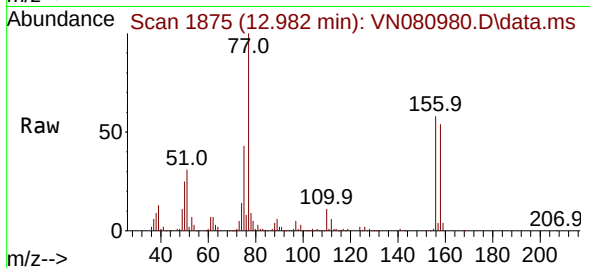
Ion	Ratio	Lower	Upper
156	100		
77	197.4	0.0	437.6
158	95.4	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#74

n-propylbenzene

Concen: 48.245 ug/l

RT: 13.035 min Scan# 1884

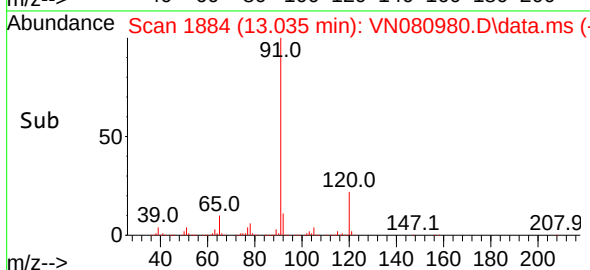
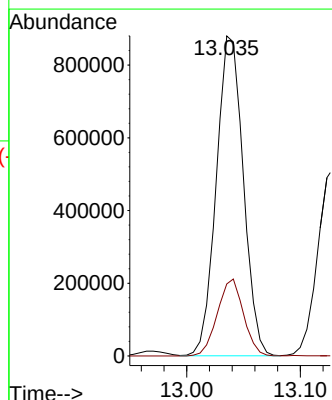
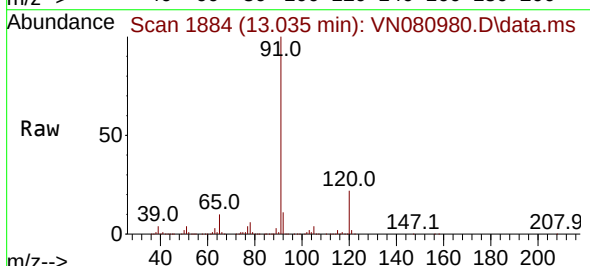
Delta R.T. -0.006 min

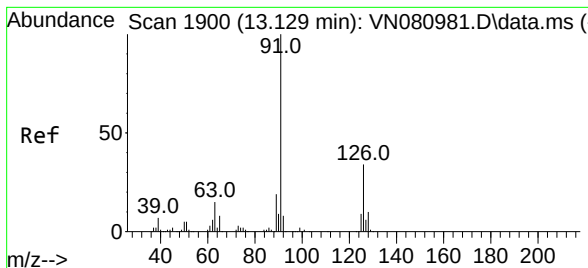
Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

Tgt Ion: 91 Resp: 1455464

Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	43.8





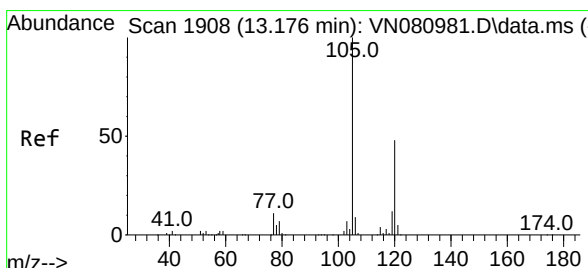
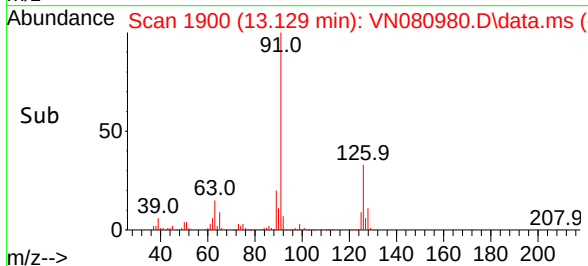
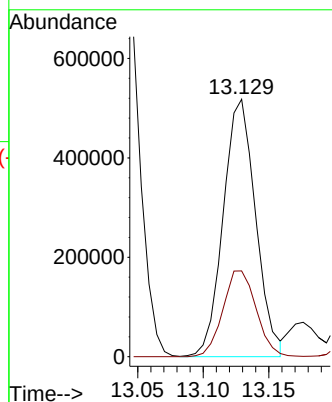
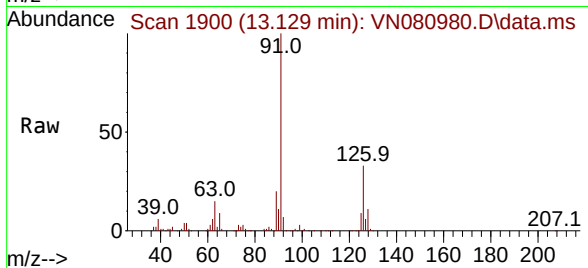
#75
2-Chlorotoluene
Concen: 47.628 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 89197
Ion Ratio Lower Upper
91 100
126 34.3 0.0 61.2

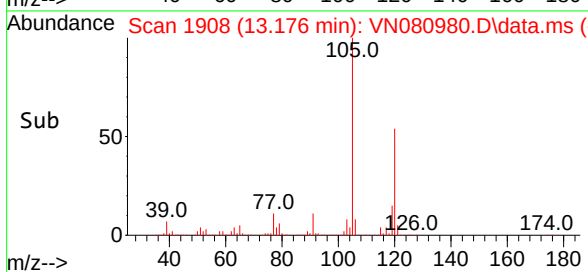
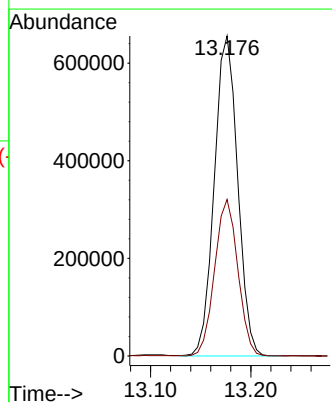
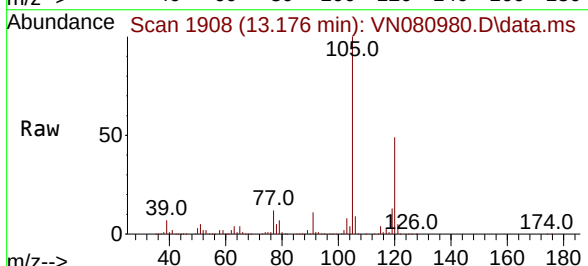
Manual Integrations
APPROVED

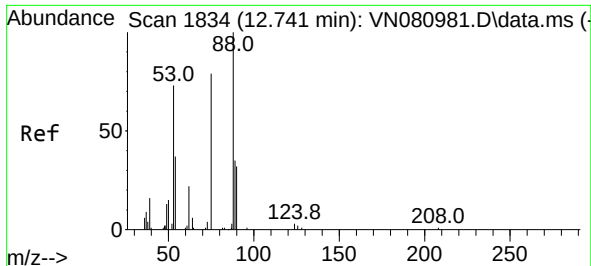
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 48.819 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

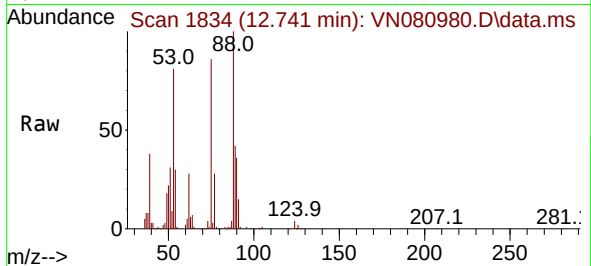
Tgt Ion:105 Resp: 1060334
Ion Ratio Lower Upper
105 100
120 48.6 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 50.716 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

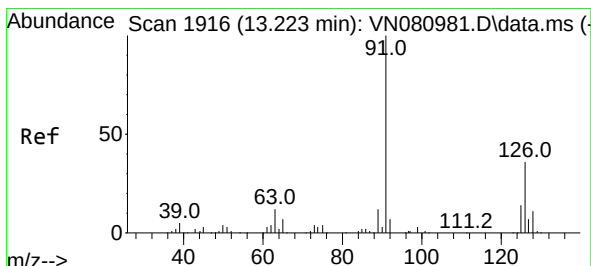
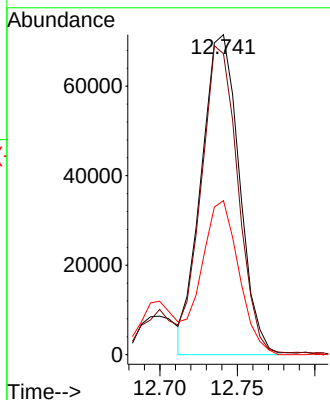
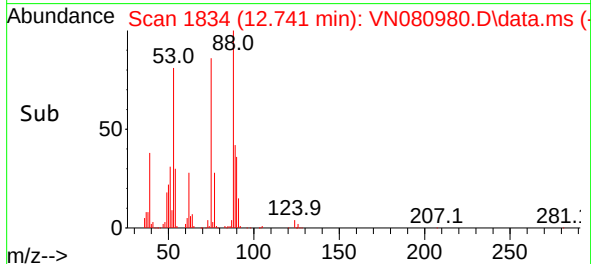
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



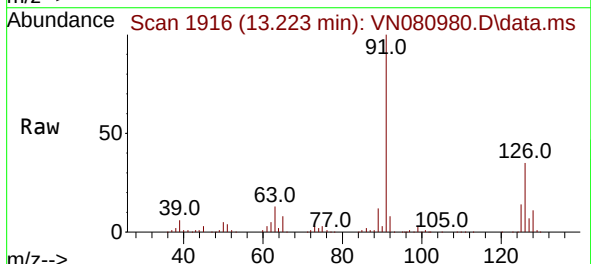
Tgt Ion: 75 Resp: 121900
Ion Ratio Lower Upper
75 100
53 93.7 45.9 137.7
89 47.4 25.9 77.7

Manual Integrations
APPROVED

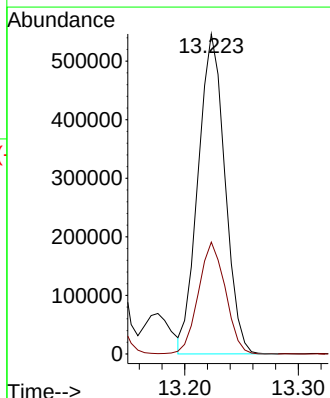
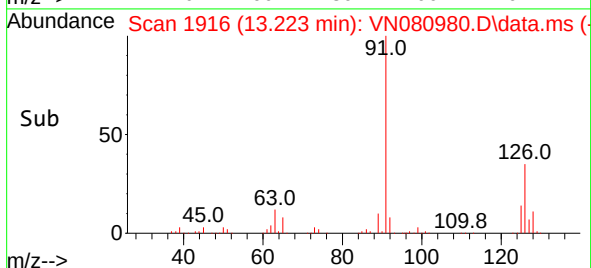
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

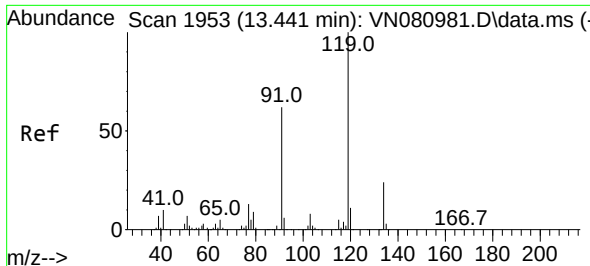


#78
4-Chlorotoluene
Concen: 47.804 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23



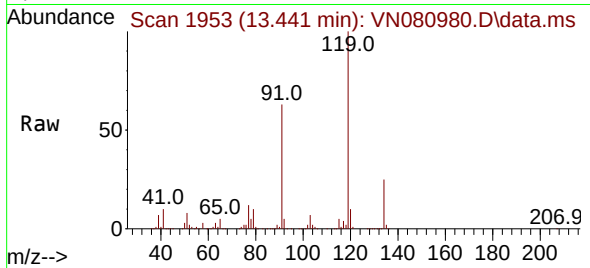
Tgt Ion: 91 Resp: 896679
Ion Ratio Lower Upper
91 100
126 35.2 0.0 62.8





#79
tert-butylbenzene
Concen: 48.448 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

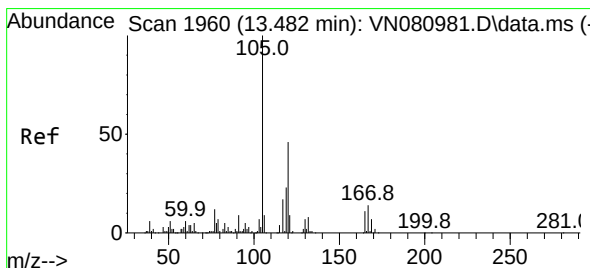
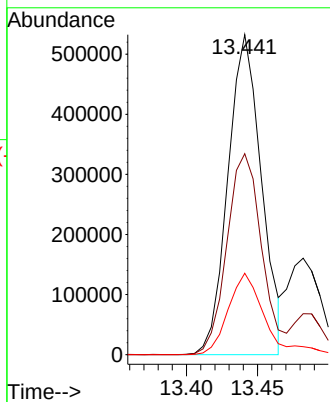
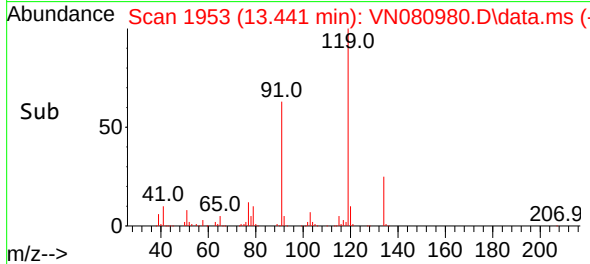
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:119 Resp: 873510
Ion Ratio Lower Upper
119 100
91 65.4 0.0 138.8
134 25.6 0.0 48.6

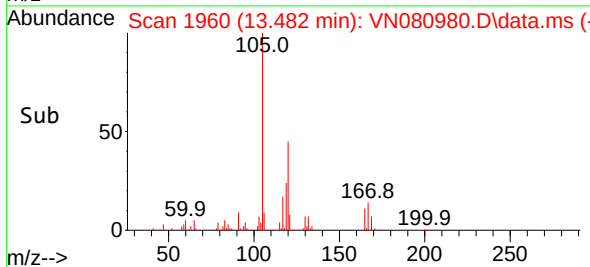
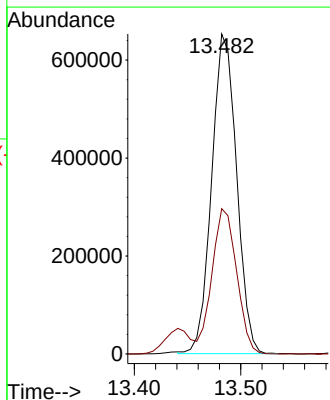
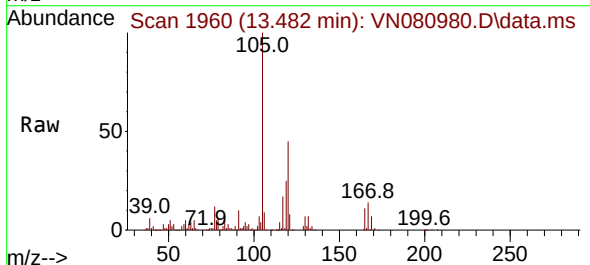
Manual Integrations
APPROVED

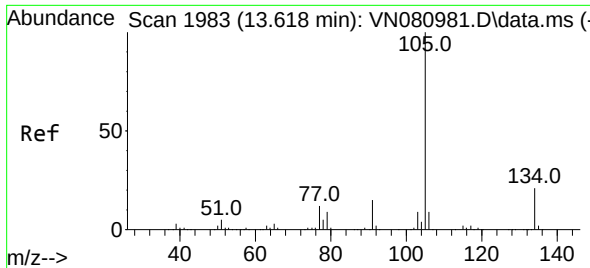
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 49.015 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion:105 Resp: 1060722
Ion Ratio Lower Upper
105 100
120 44.9 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 47.984 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080980.D
 Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

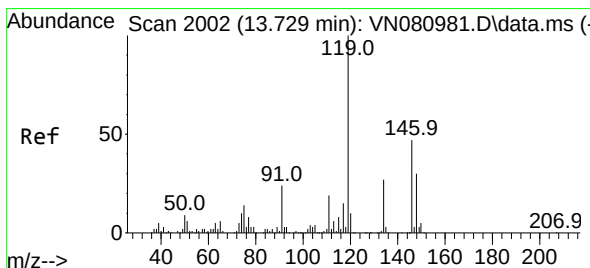
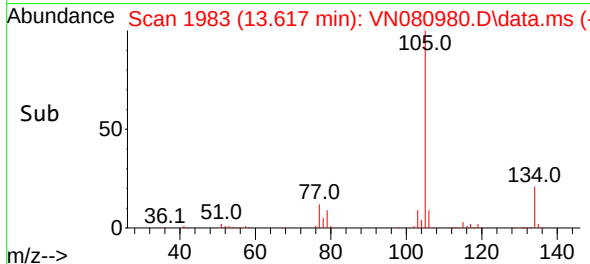
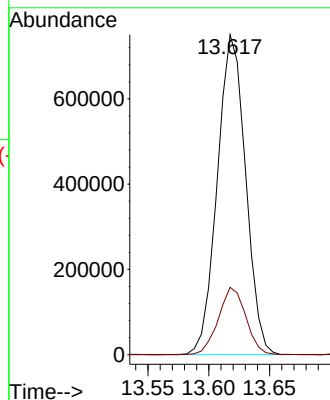
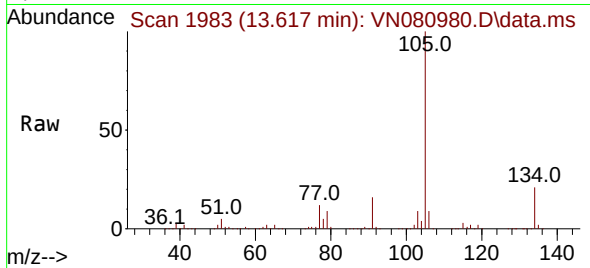
VSTDIC050

Tgt Ion:105 Resp: 1211519
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 39.0

Manual Integrations

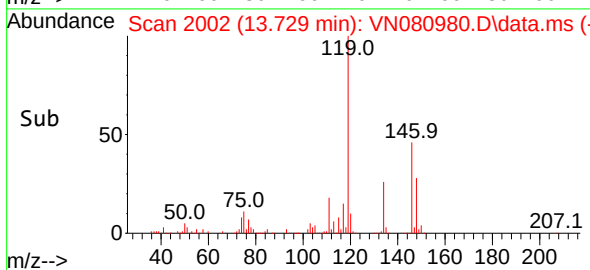
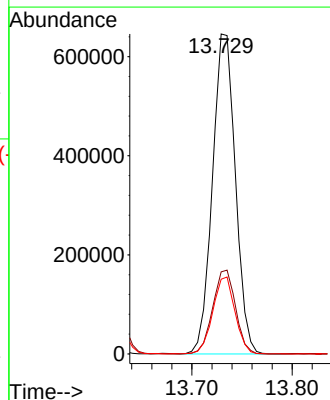
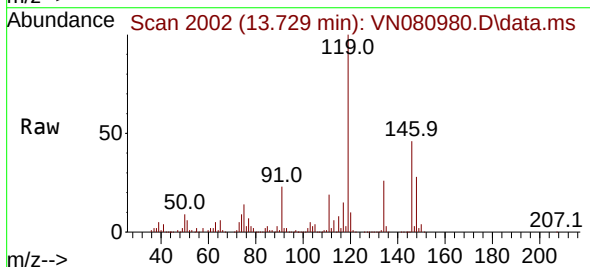
APPROVED

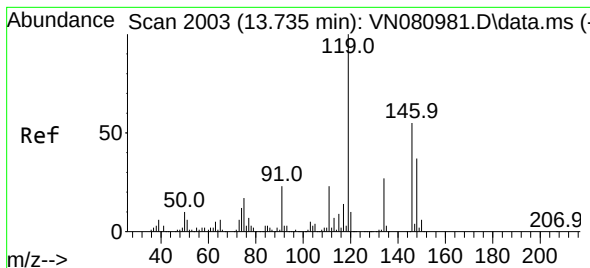
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#82
 p-Isopropyltoluene
 Concen: 48.453 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080980.D
 Acq: 09 Feb 2024 10:23

Tgt Ion:119 Resp: 1027041
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 49.2
 91 23.4 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 48.195 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:146 Resp: 572208

Ion Ratio Lower Upper

146 100

111 41.1 22.4 67.0

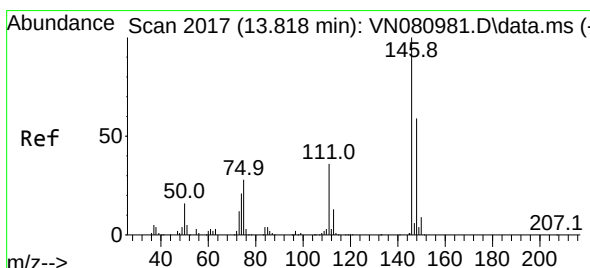
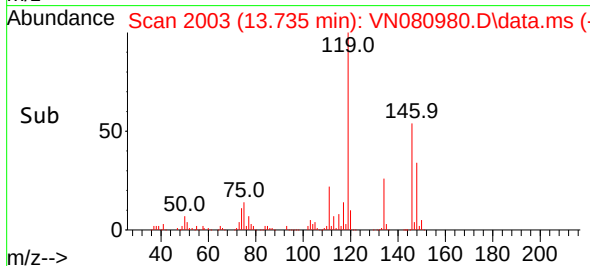
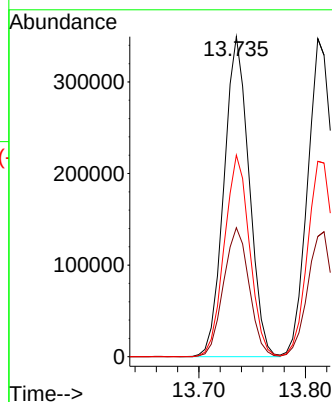
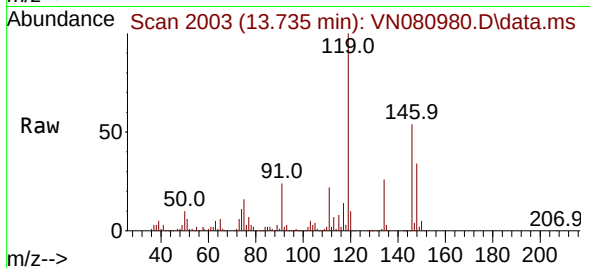
148 63.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#84

1,4-Dichlorobenzene

Concen: 48.677 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.006 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

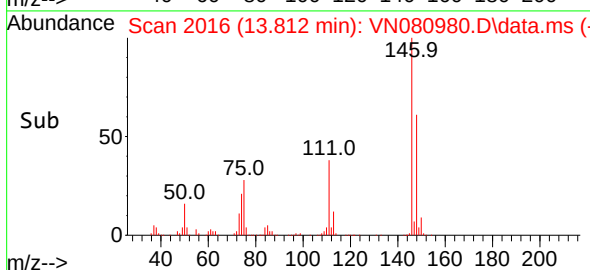
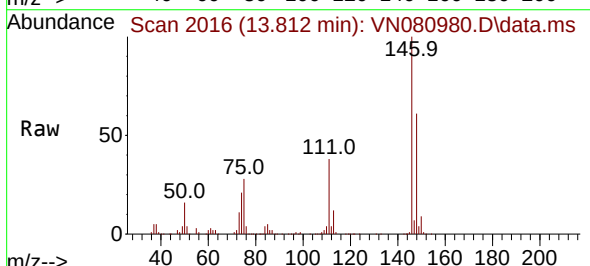
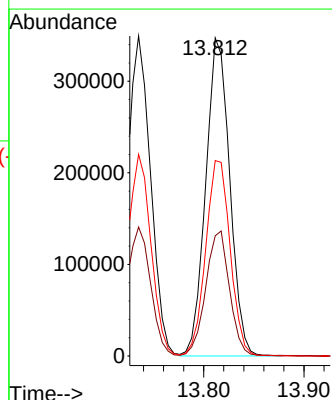
Tgt Ion:146 Resp: 580107

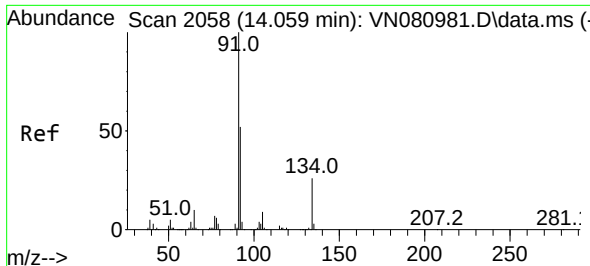
Ion Ratio Lower Upper

146 100

111 38.6 21.3 63.9

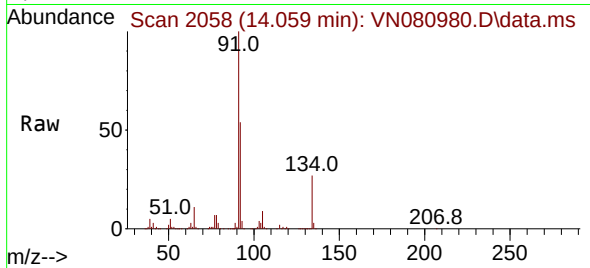
148 62.6 31.9 95.5





#85
n-Butylbenzene
Concen: 48.358 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

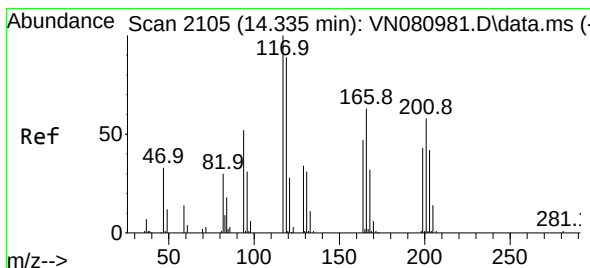
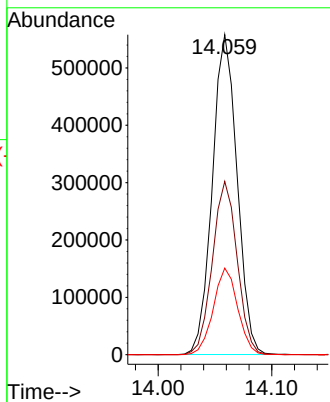
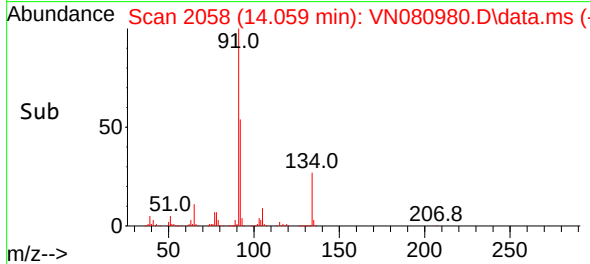
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 845754
Ion Ratio Lower Upper
91 100
92 54.2 0.0 105.0
134 26.7 0.0 51.8

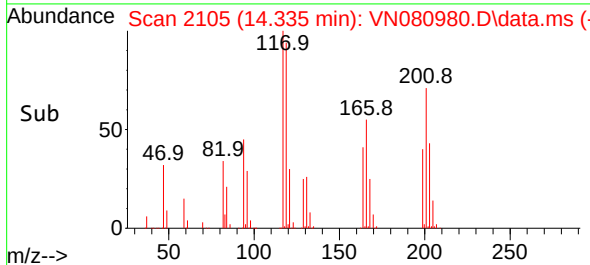
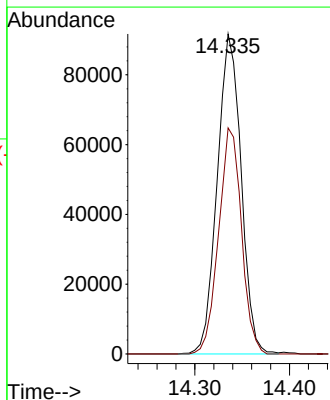
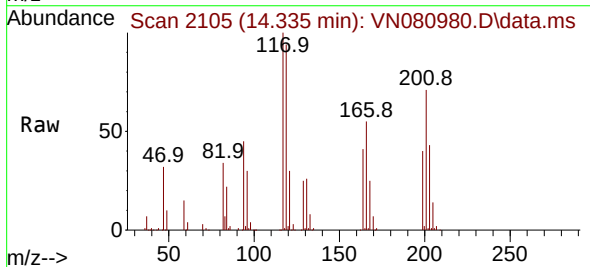
Manual Integrations
APPROVED

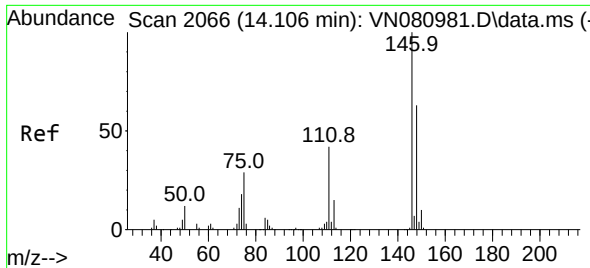
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 48.084 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion:117 Resp: 160766
Ion Ratio Lower Upper
117 100
201 67.6 38.0 114.0





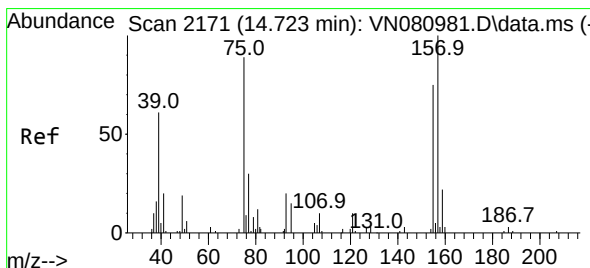
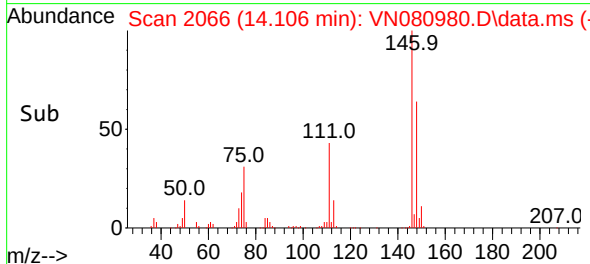
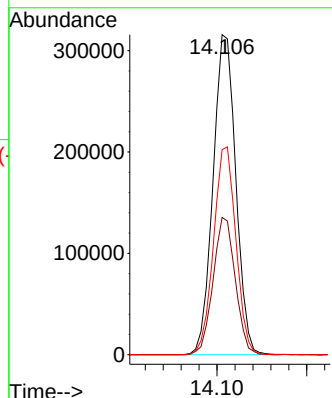
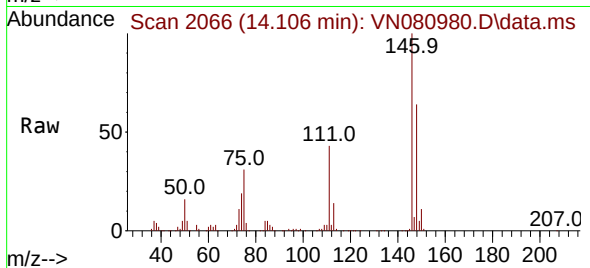
#87
1,2-Dichlorobenzene
Concen: 48.166 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:146 Resp: 556760
Ion Ratio Lower Upper
146 100
111 41.8 22.6 67.8
148 63.7 31.3 93.8

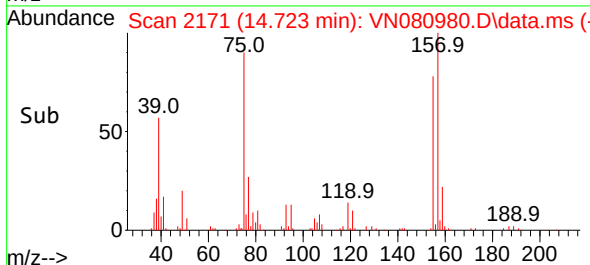
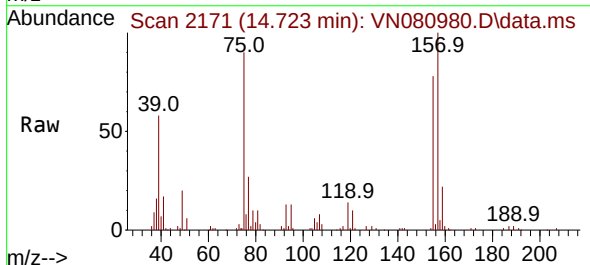
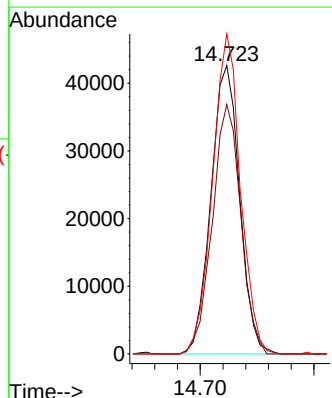
Manual Integrations
APPROVED

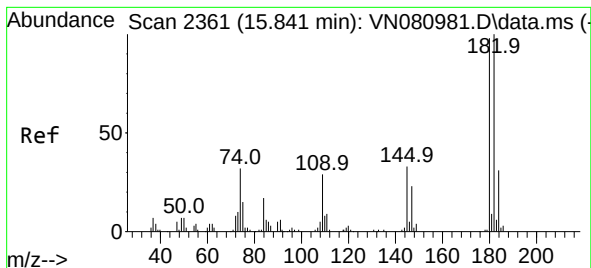
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 50.603 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion: 75 Resp: 74762
Ion Ratio Lower Upper
75 100
155 85.6 61.7 92.5
157 107.9 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 49.923 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:180 Resp: 28231

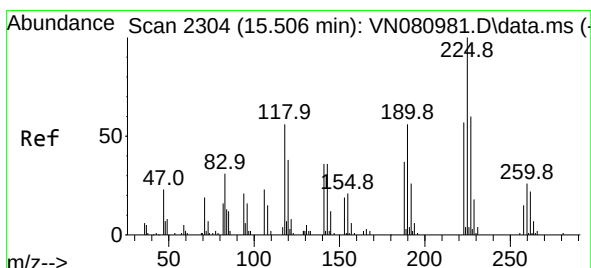
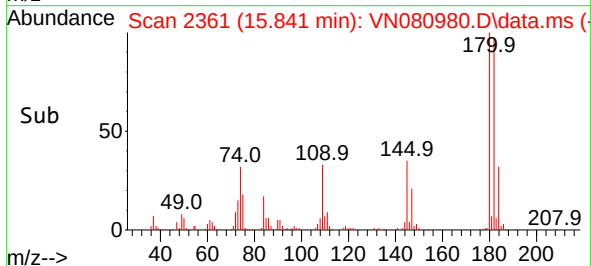
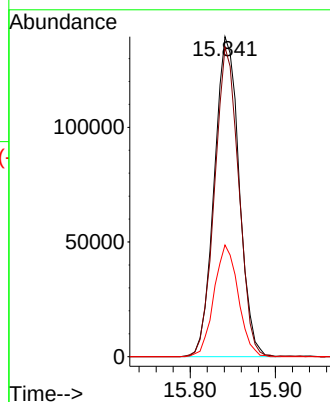
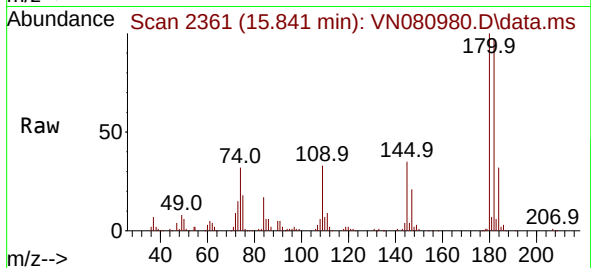
Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	34.1	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#90

Hexachlorobutadiene

Concen: 47.442 ug/l

RT: 15.506 min Scan# 2304

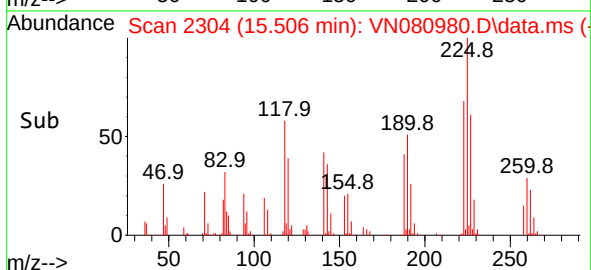
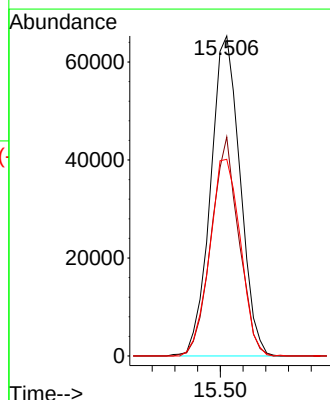
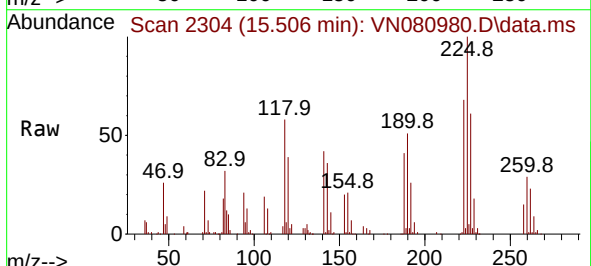
Delta R.T. -0.000 min

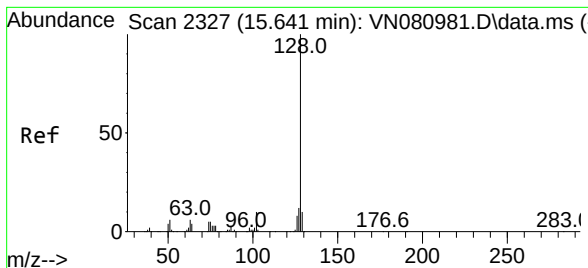
Lab File: VN080980.D

Acq: 09 Feb 2024 10:23

Tgt Ion:225 Resp: 117704

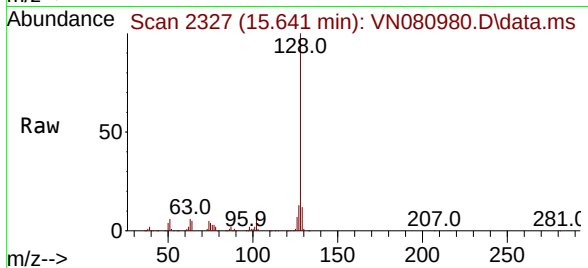
Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	126.6
227	64.3	0.0	126.6





#91
Naphthalene
Concen: 50.773 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

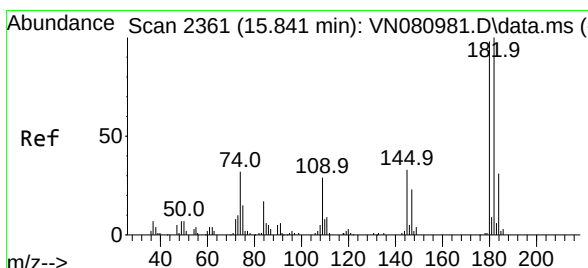
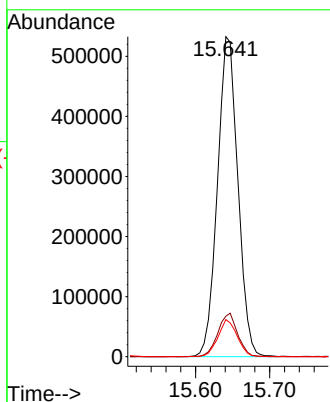
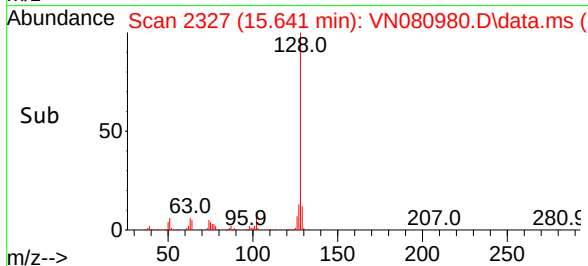
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 1019470
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 49.923 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080980.D
Acq: 09 Feb 2024 10:23

Tgt Ion:180 Resp: 282311
Ion Ratio Lower Upper
180 100
182 93.9 0.0 191.0
145 34.1 0.0 71.0

