

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078697.D
 Acq On : 28 Jul 2023 20:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 29 00:55:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	772166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1291945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1157491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	479838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	508197	49.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.180%		
35) Dibromofluoromethane	8.177	113	464968	53.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.040%		
50) Toluene-d8	10.571	98	1678198	50.654	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.300%		
62) 4-Bromofluorobenzene	12.853	95	589048	57.721	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	490906	51.853	ug/l	99
3) Chloromethane	2.371	50	499800	48.572	ug/l	97
4) Vinyl Chloride	2.518	62	476088	35.766	ug/l	99
5) Bromomethane	2.936	94	399498	47.168	ug/l	97
6) Chloroethane	3.112	64	275938	33.640	ug/l	100
7) Trichlorofluoromethane	3.495	101	771181	48.466	ug/l	99
8) Diethyl Ether	3.971	74	284882	53.737	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	423656	50.297	ug/l	94
10) Methyl Iodide	4.595	142	623226	53.844	ug/l	99
11) Tert butyl alcohol	5.542	59	469945	294.403	ug/l	98
12) 1,1-Dichloroethene	4.348	96	426301	52.322	ug/l	93
13) Acrolein	4.195	56	452475	288.107	ug/l	98
14) Allyl chloride	5.030	41	645780	58.004	ug/l #	84
15) Acrylonitrile	5.736	53	1217709	301.925	ug/l	99
16) Acetone	4.442	43	860702	266.921	ug/l	97
17) Carbon Disulfide	4.718	76	1149415	48.786	ug/l	99
18) Methyl Acetate	5.042	43	799410	58.564	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	1455189	54.206	ug/l	95
20) Methylene Chloride	5.283	84	512183	55.510	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	465941	50.748	ug/l	87
22) Diisopropyl ether	6.689	45	1408365	56.494	ug/l #	91
23) Vinyl Acetate	6.618	43	4535688	286.190	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	890652	53.021	ug/l	98
25) 2-Butanone	7.494	43	1499835	295.482	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	543012	39.523	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	549469	51.732	ug/l	95
28) Bromochloromethane	7.824	49	399631	50.509	ug/l	88
29) Tetrahydrofuran	7.847	42	1005431	301.874	ug/l #	83
30) Chloroform	7.977	83	917153	52.443	ug/l	93
31) Cyclohexane	8.265	56	718368	51.349	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	791156	50.457	ug/l	98
36) 1,1-Dichloropropene	8.377	75	669929	52.903	ug/l	97
37) Ethyl Acetate	7.571	43	631368	59.810	ug/l	95
38) Carbon Tetrachloride	8.371	117	713904	51.871	ug/l	98
39) Methylcyclohexane	9.606	83	633533	54.809	ug/l #	88
40) Benzene	8.612	78	2072525	55.244	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078697.D
 Acq On : 28 Jul 2023 20:33
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 29 00:55:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	330964	61.501	ug/l	91
42) 1,2-Dichloroethane	8.677	62	652730	51.152	ug/l	99
43) Isopropyl Acetate	8.700	43	1029970	59.263	ug/l	95
44) Trichloroethene	9.359	130	501987	49.646	ug/l	97
45) 1,2-Dichloropropane	9.630	63	539971	56.828	ug/l	97
46) Dibromomethane	9.718	93	353933	52.923	ug/l	92
47) Bromodichloromethane	9.894	83	713896	53.252	ug/l	99
48) Methyl methacrylate	9.688	41	463494	57.564	ug/l #	86
49) 1,4-Dioxane	9.700	88	208795	1189.072	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	3125775	302.369	ug/l	96
52) Toluene	10.635	92	1278497	54.986	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	742777	54.084	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	817616	55.850	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	501146	54.704	ug/l	95
56) Ethyl methacrylate	10.882	69	788931	61.606	ug/l #	87
57) 1,3-Dichloropropane	11.171	76	856382	54.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1293729	283.481	ug/l	91
59) 2-Hexanone	11.200	43	2269249	308.865	ug/l	96
60) Dibromochloromethane	11.365	129	552874	54.667	ug/l	100
61) 1,2-Dibromoethane	11.476	107	511193	54.169	ug/l	100
64) Tetrachloroethene	11.112	164	416913	47.908	ug/l	97
65) Chlorobenzene	11.900	112	1326863	51.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	508256	51.065	ug/l	98
67) Ethyl Benzene	11.971	91	2381760	54.461	ug/l	98
68) m/p-Xylenes	12.076	106	1797518	111.167	ug/l	96
69) o-Xylene	12.406	106	873602	53.490	ug/l	94
70) Styrene	12.418	104	1425651	55.796	ug/l	98
71) Bromoform	12.582	173	381619	56.613	ug/l #	100
73) Isopropylbenzene	12.700	105	2184843	48.458	ug/l	99
74) N-amyl acetate	12.500	43	801247	51.567	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	728389	58.358	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	595195m	51.318	ug/l	
77) Bromobenzene	12.988	156	522159	53.358	ug/l	98
78) n-propylbenzene	13.041	91	2397340	49.718	ug/l	100
79) 2-Chlorotoluene	13.129	91	1569582	49.696	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1795872	50.411	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	210457	47.683	ug/l	88
82) 4-Chlorotoluene	13.229	91	1490582	50.591	ug/l	99
83) tert-Butylbenzene	13.447	119	1489810	49.257	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1767774	51.087	ug/l	100
85) sec-Butylbenzene	13.623	105	1890510	49.451	ug/l	100
86) p-Isopropyltoluene	13.735	119	1528703	49.799	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	850666	49.146	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	822074	47.152	ug/l	100
89) n-Butylbenzene	14.065	91	1160997	52.858	ug/l	99
90) Hexachloroethane	14.341	117	310069	55.037	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	847852	49.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	120812	56.209	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	267944	48.739	ug/l	96
94) Hexachlorobutadiene	15.506	225	169106	60.315	ug/l	99
95) Naphthalene	15.647	128	821859	43.729	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	299877	47.439	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
Data File : VN078697.D
Acq On : 28 Jul 2023 20:33
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

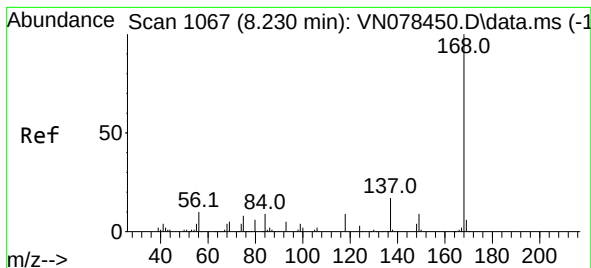
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

Quant Time: Jul 29 00:55:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

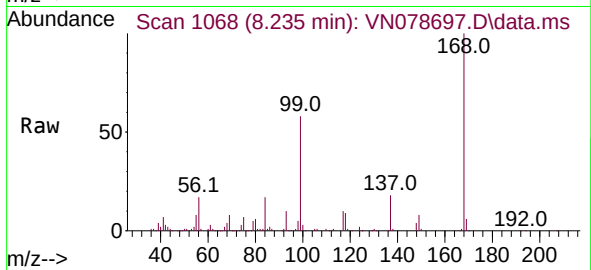
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

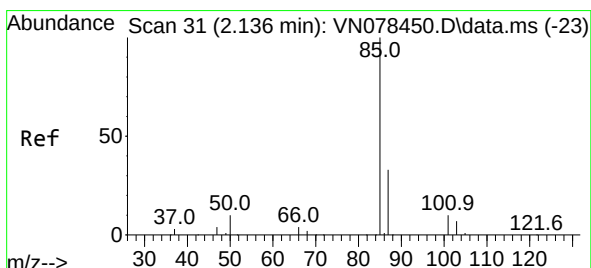
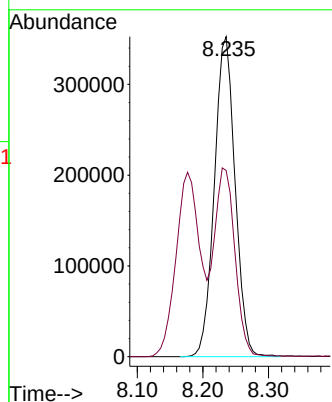
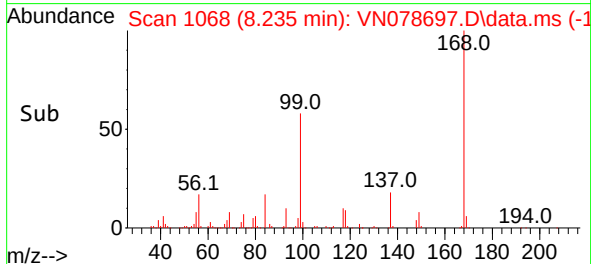
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 772160
Ion Ratio Lower Upper
168 100
99 58.0 53.0 79.6

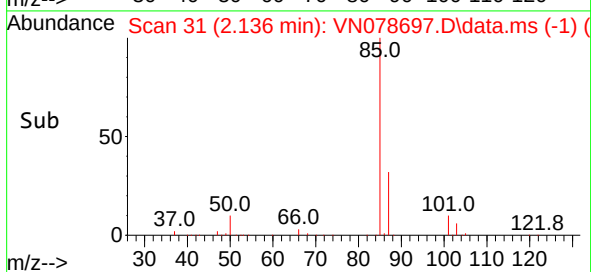
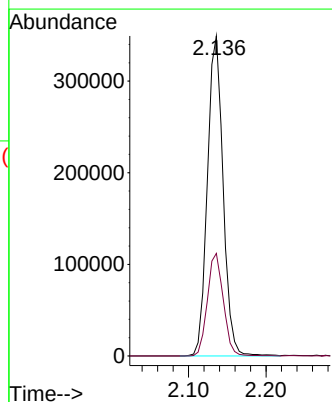
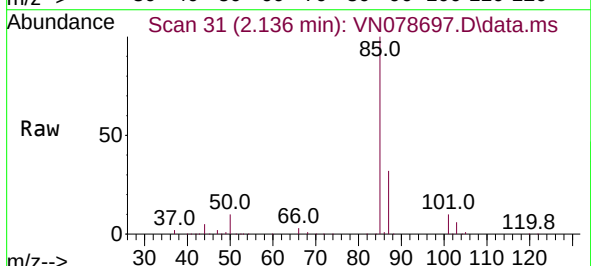
Manual Integrations
APPROVED

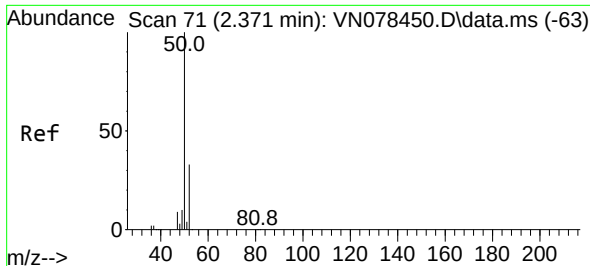
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 51.853 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

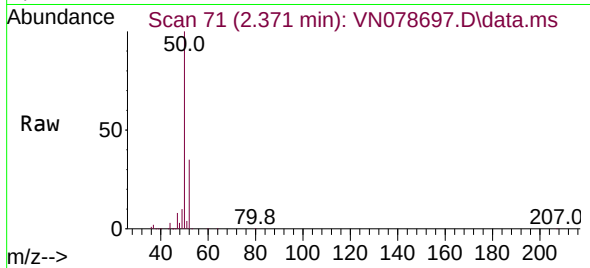
Tgt Ion: 85 Resp: 490906
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 48.572 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

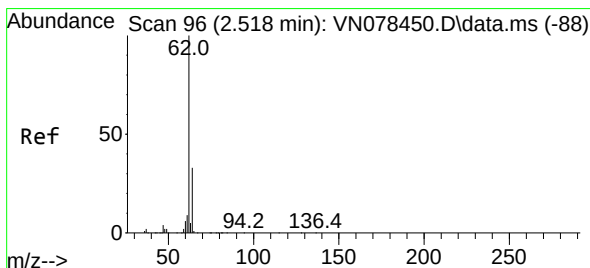
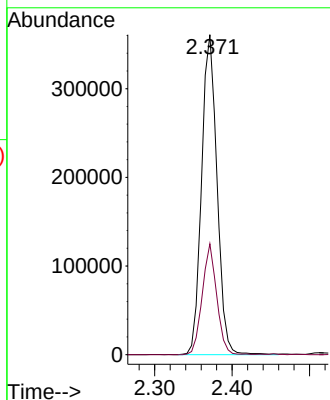
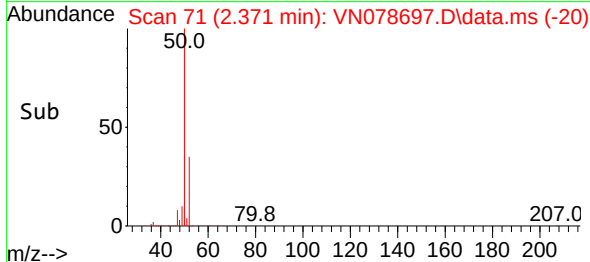
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 499800
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

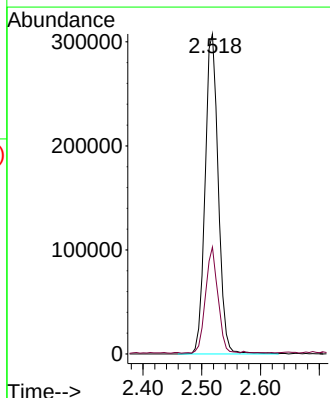
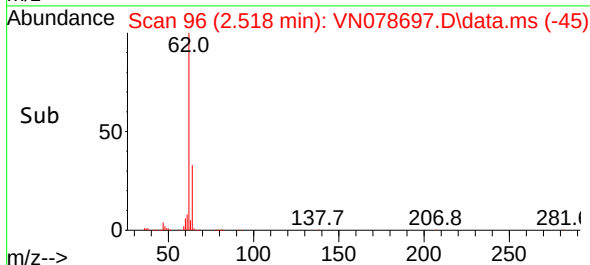
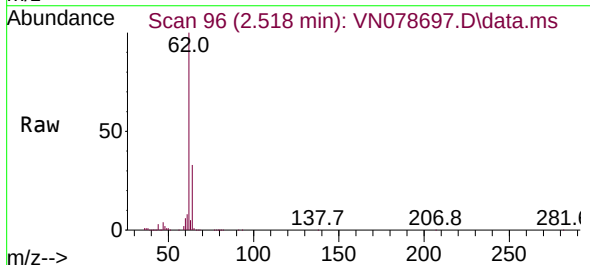
Manual Integrations
APPROVED

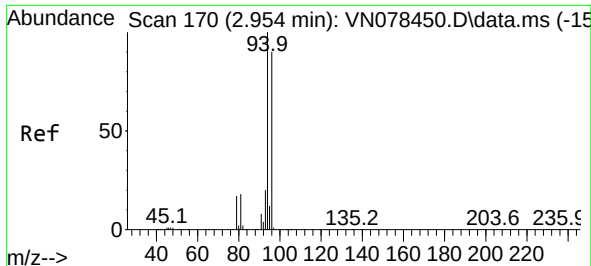
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 35.766 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

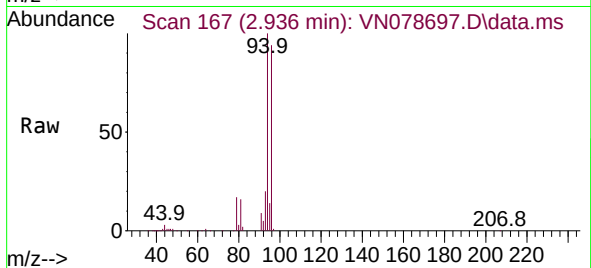
Tgt Ion: 62 Resp: 476088
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2





#5
Bromomethane
Concen: 47.168 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

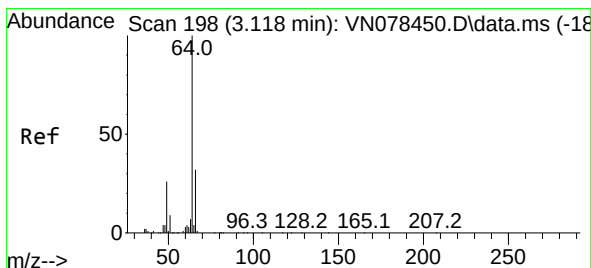
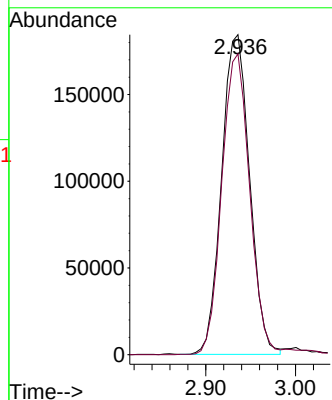
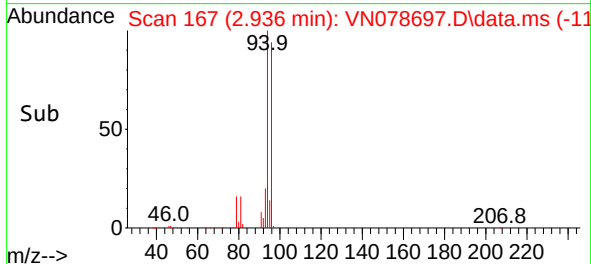
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 399498
Ion Ratio Lower Upper
94 100
96 94.0 73.1 109.7

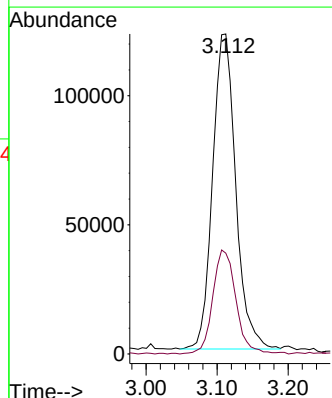
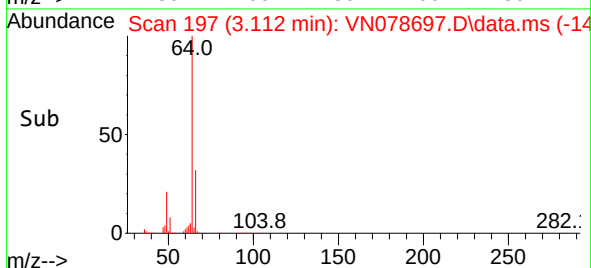
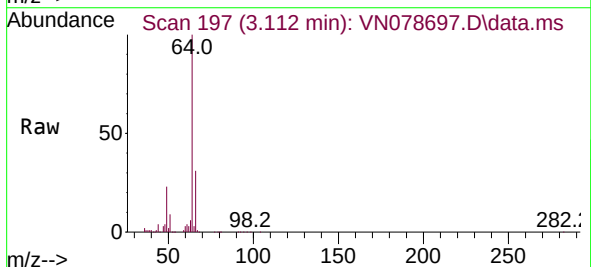
Manual Integrations
APPROVED

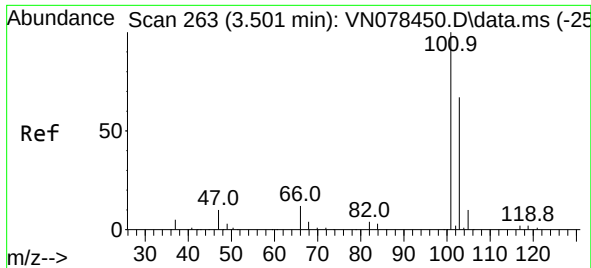
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 33.640 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

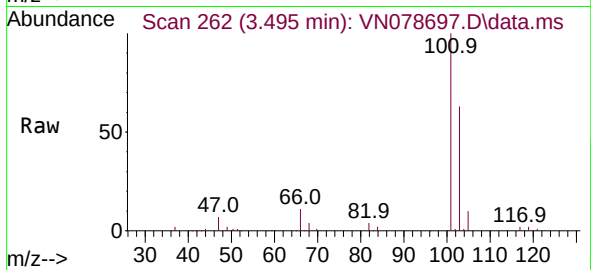
Tgt Ion: 64 Resp: 275938
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.466 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

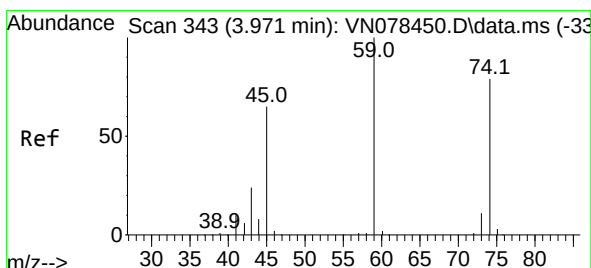
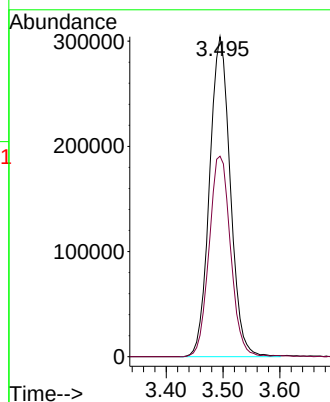
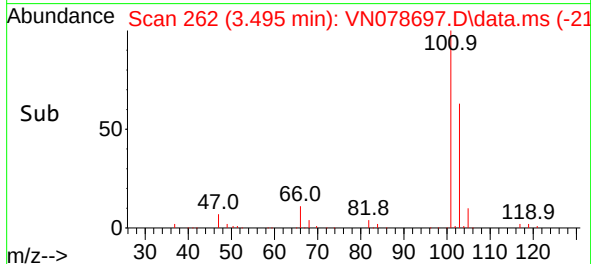
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 77118
Ion Ratio Lower Upper
101 100
103 62.6 50.7 76.1

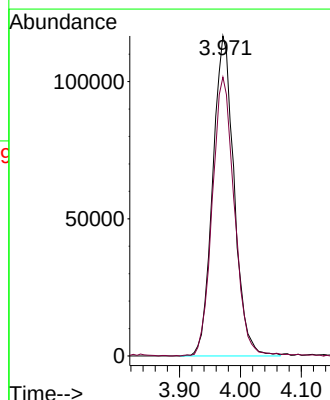
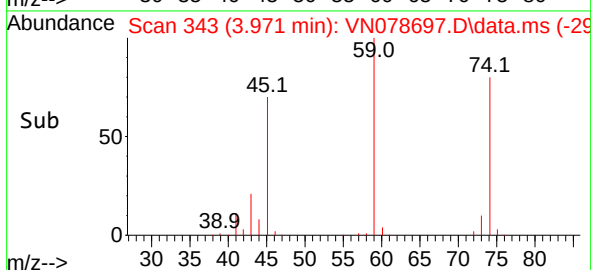
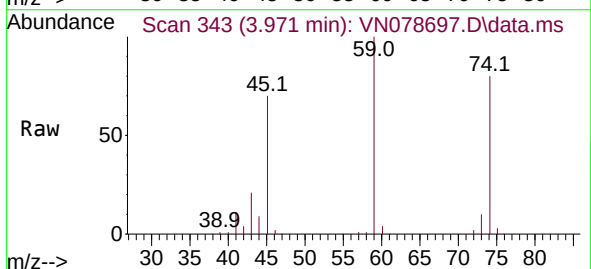
Manual Integrations
APPROVED

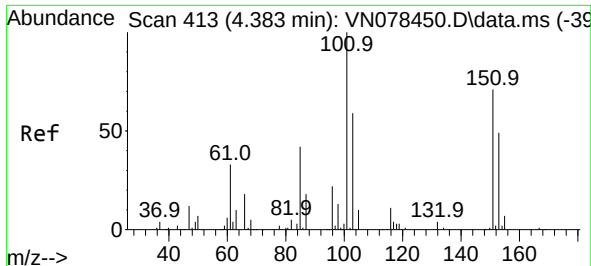
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
Diethyl Ether
Concen: 53.737 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Tgt Ion: 74 Resp: 284882
Ion Ratio Lower Upper
74 100
45 90.3 34.4 103.3





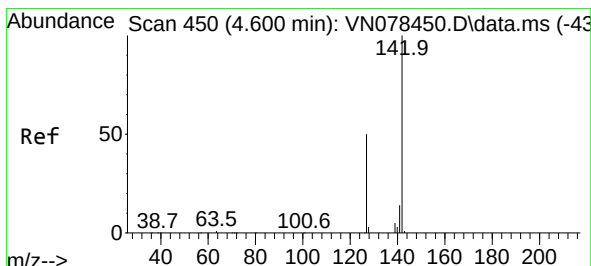
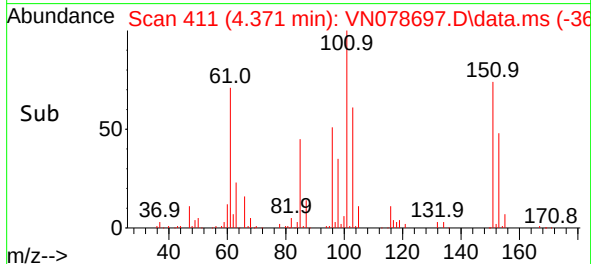
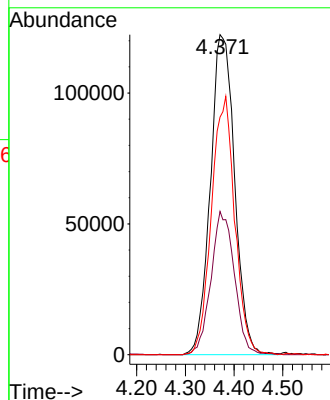
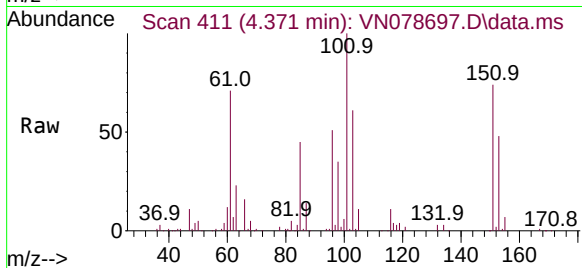
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.297 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 423650
Ion Ratio Lower Upper
101 100
85 43.2 36.6 55.0
151 77.5 57.6 86.4

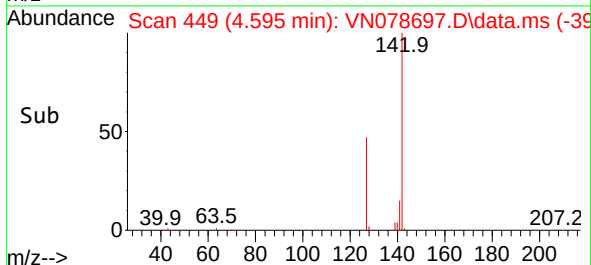
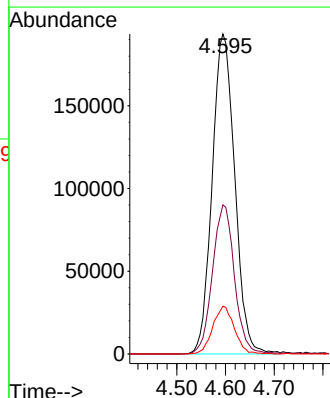
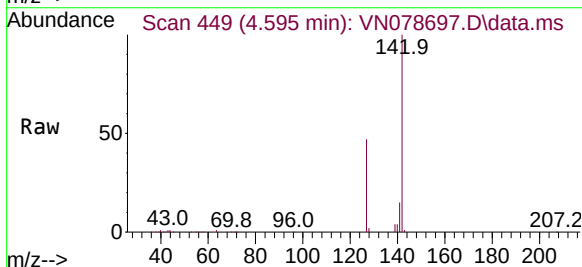
Manual Integrations
APPROVED

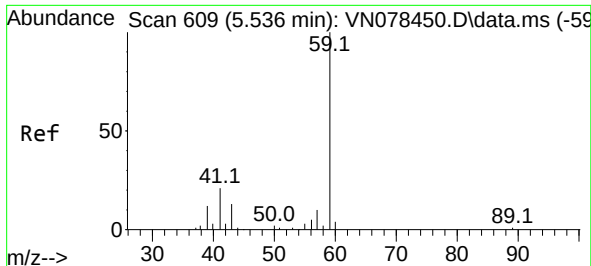
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Methyl Iodide
Concen: 53.844 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Tgt Ion:142 Resp: 623226
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.9 11.4 17.0





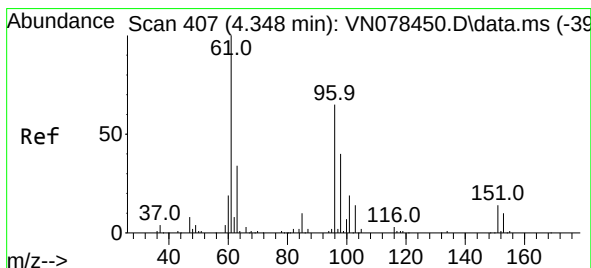
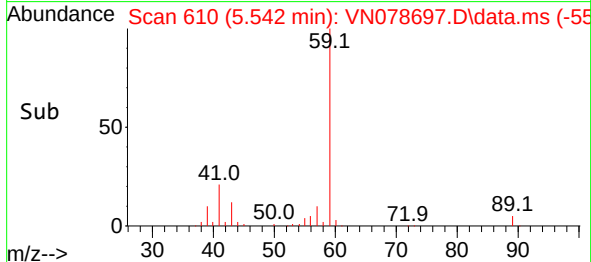
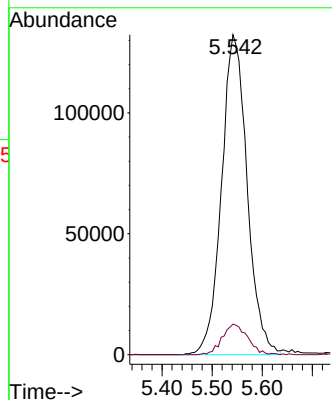
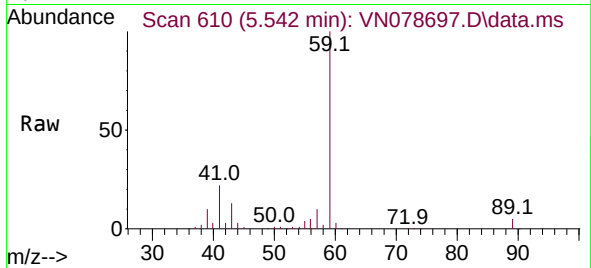
#11
Tert butyl alcohol
Concen: 294.403 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 46994
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4

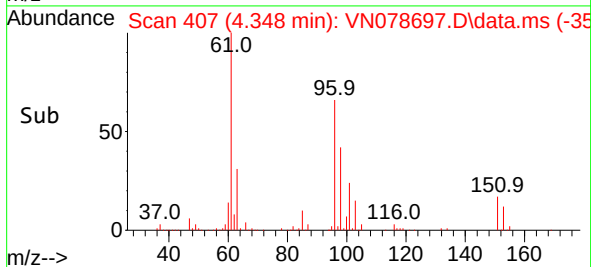
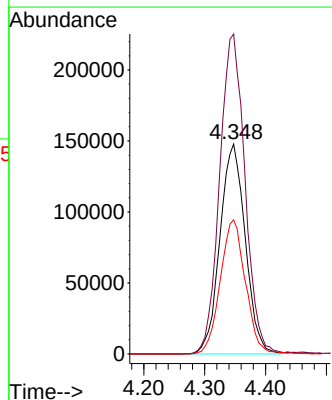
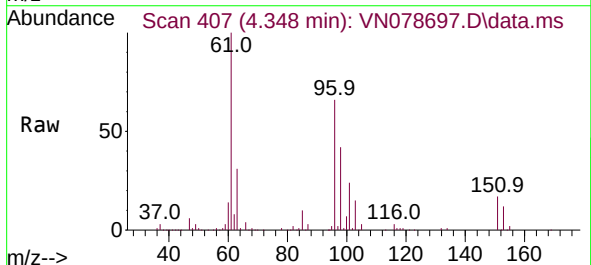
Manual Integrations
APPROVED

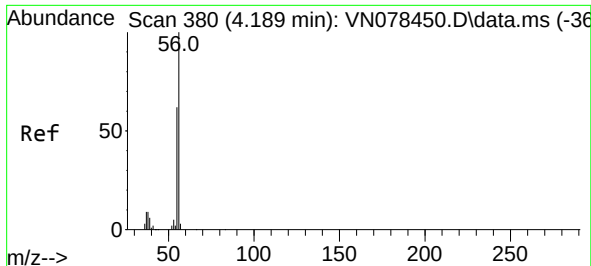
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#12
1,1-Dichloroethene
Concen: 52.322 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

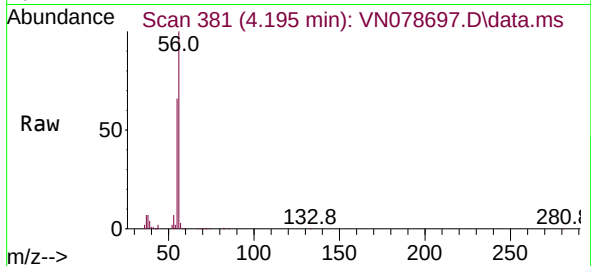
Tgt Ion: 96 Resp: 426301
Ion Ratio Lower Upper
96 100
61 152.5 112.7 169.1
98 63.9 51.2 76.8





#13
Acrolein
Concen: 288.107 ug/l
RT: 4.195 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

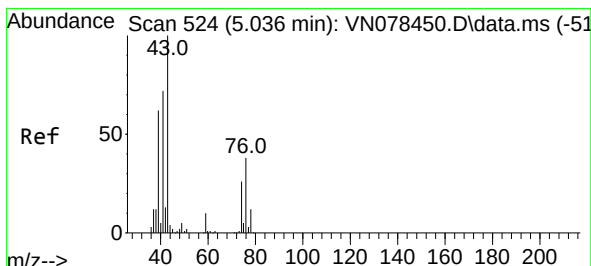
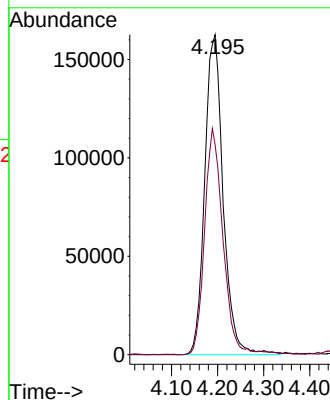
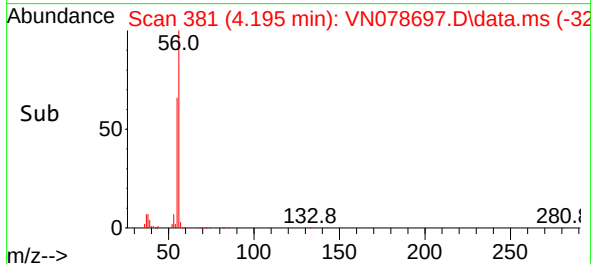
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



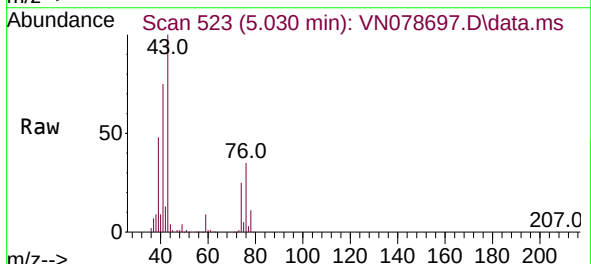
Tgt Ion: 56 Resp: 452475
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7

Manual Integrations
APPROVED

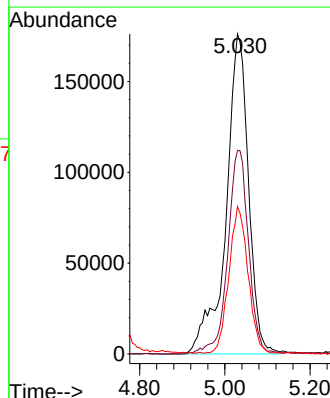
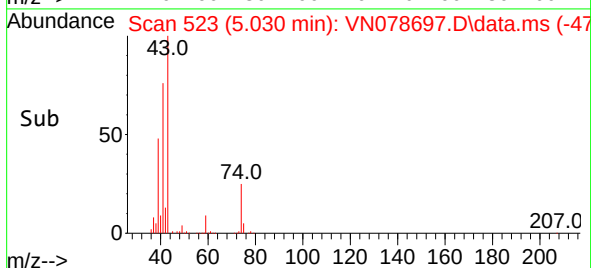
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

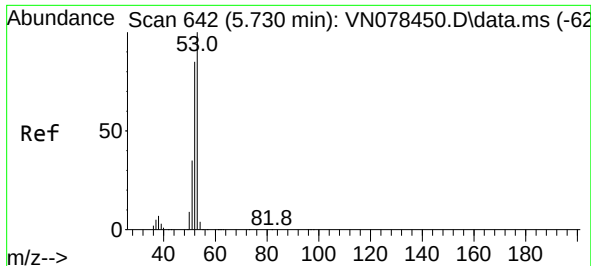


#14
Allyl chloride
Concen: 58.004 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



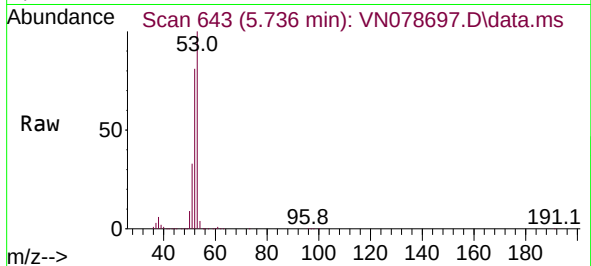
Tgt Ion: 41 Resp: 645780
Ion Ratio Lower Upper
41 100
39 58.7 58.8 88.2#
76 39.2 39.1 58.7





#15
Acrylonitrile
Concen: 301.925 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

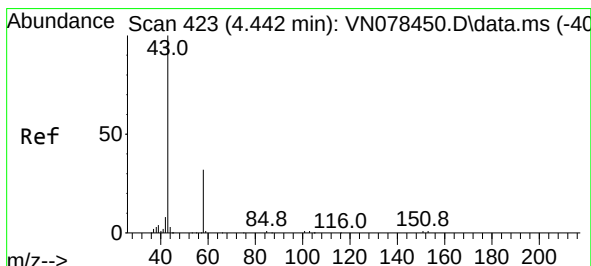
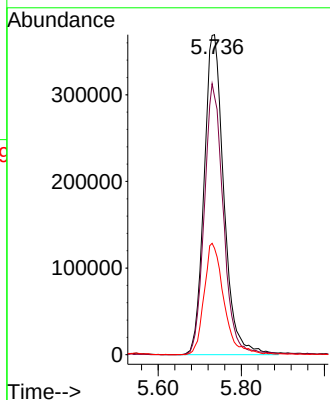
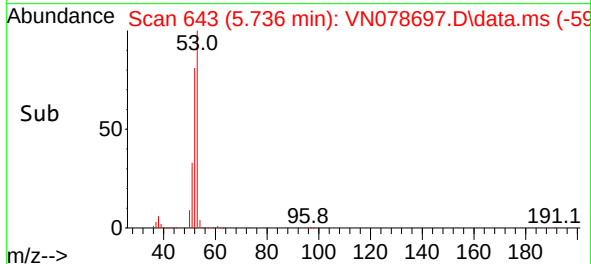
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1217709
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 34.9 28.9 43.3

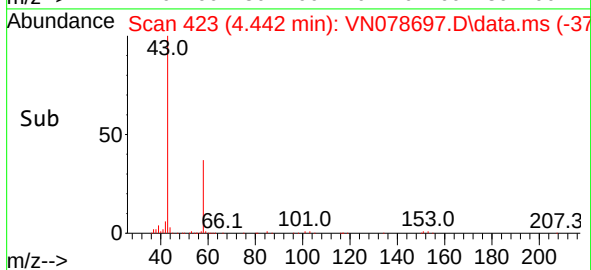
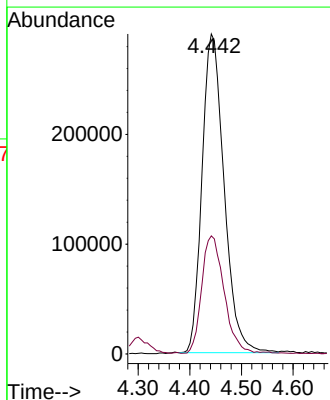
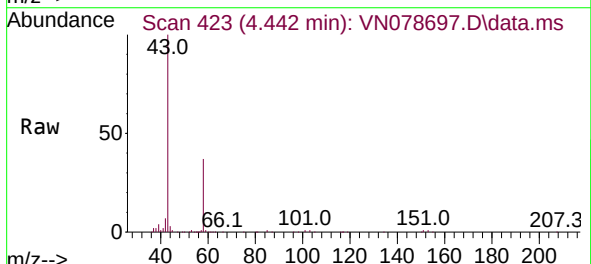
Manual Integrations
APPROVED

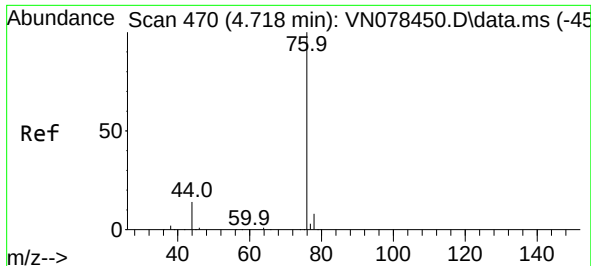
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
Acetone
Concen: 266.921 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

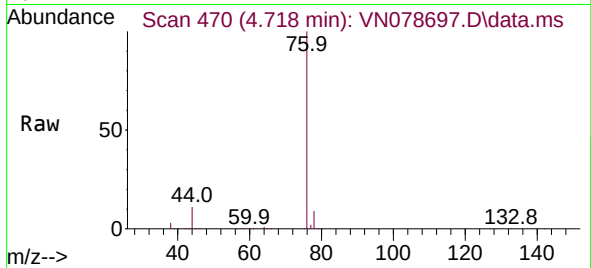
Tgt Ion: 43 Resp: 860702
Ion Ratio Lower Upper
43 100
58 36.7 28.0 42.0





#17
Carbon Disulfide
Concen: 48.786 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

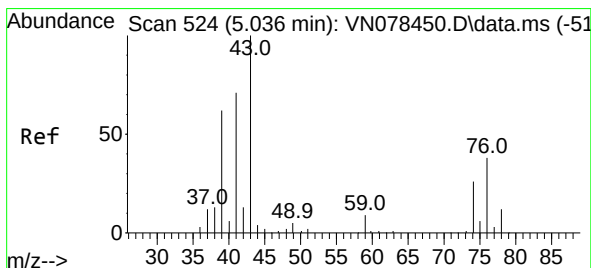
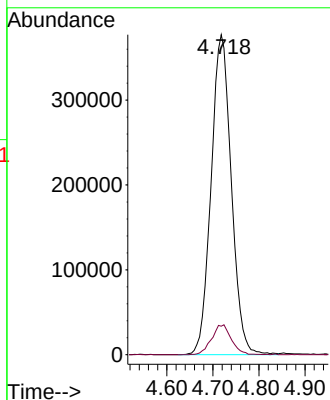
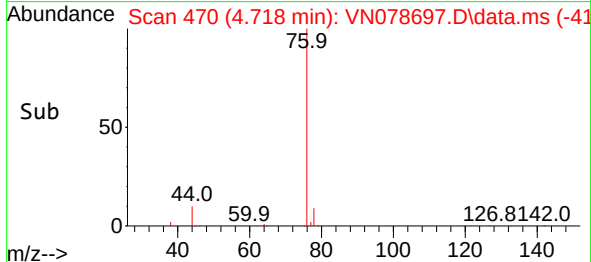
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



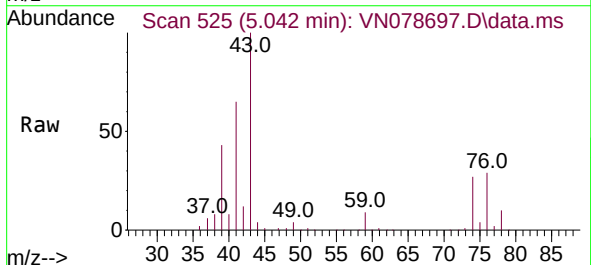
Tgt Ion: 76 Resp: 114941
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
APPROVED

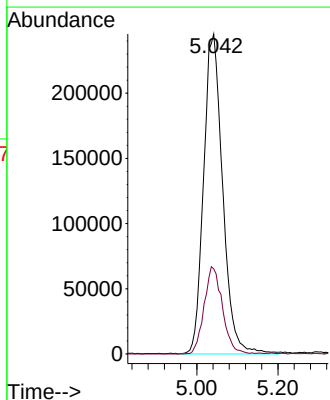
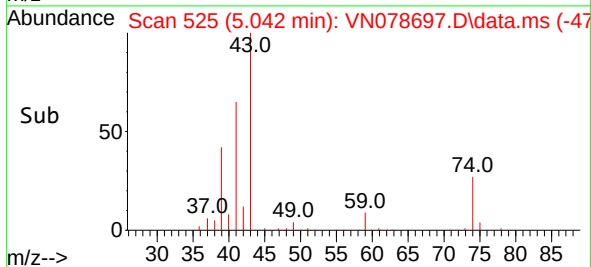
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

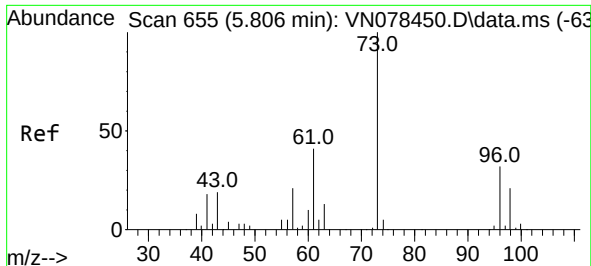


#18
Methyl Acetate
Concen: 58.564 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



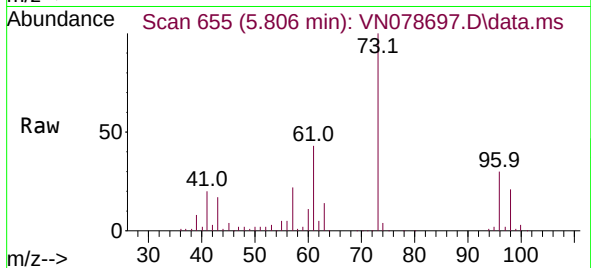
Tgt Ion: 43 Resp: 799410
Ion Ratio Lower Upper
43 100
74 26.2 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 54.206 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

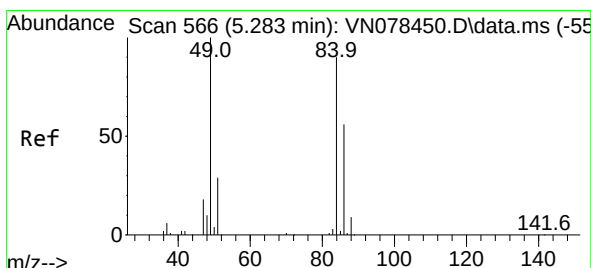
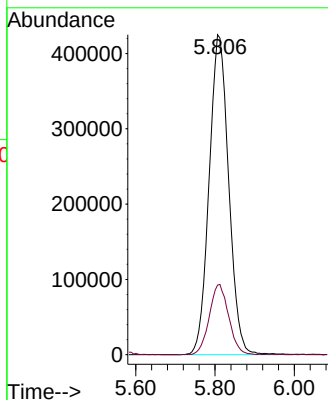
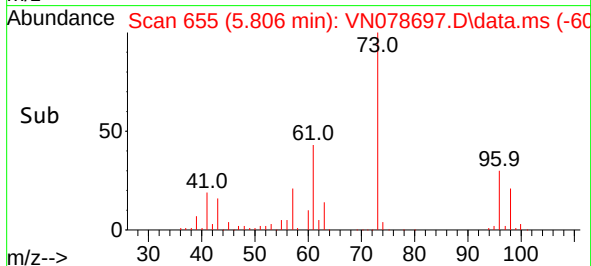
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 1455189
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

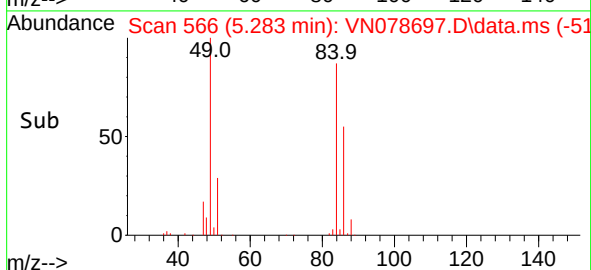
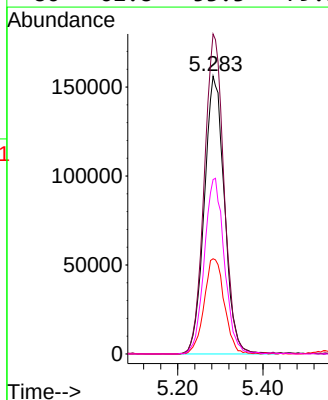
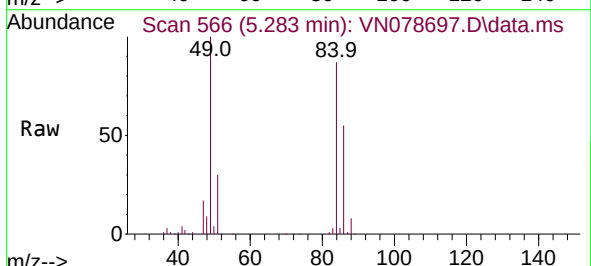
Manual Integrations
APPROVED

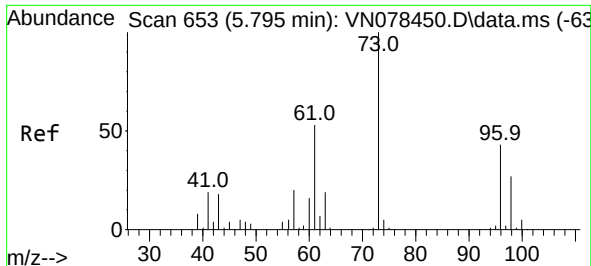
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 55.510 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

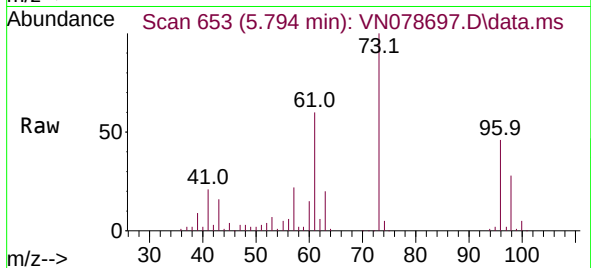
Tgt Ion: 84 Resp: 512183
Ion Ratio Lower Upper
84 100
49 115.2 79.7 119.5
51 34.3 25.2 37.8
86 62.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 50.748 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

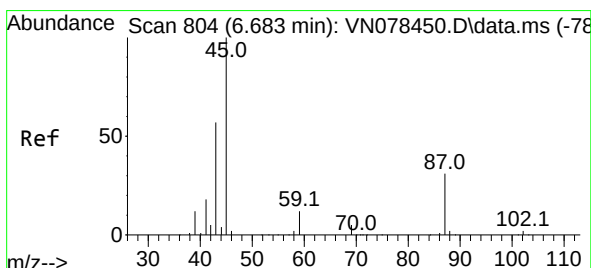
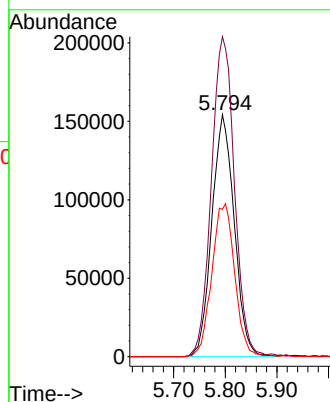
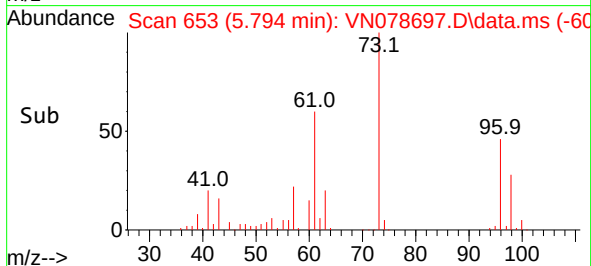
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



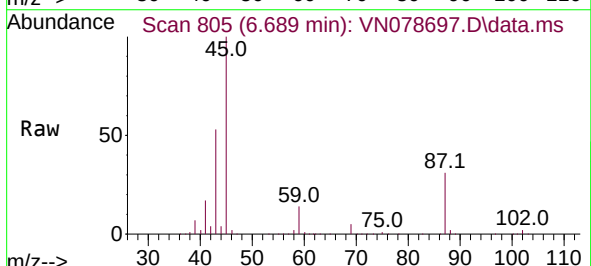
Tgt Ion: 96 Resp: 46594
Ion Ratio Lower Upper
96 100
61 132.3 90.1 135.1
98 60.9 46.4 69.6

Manual Integrations
APPROVED

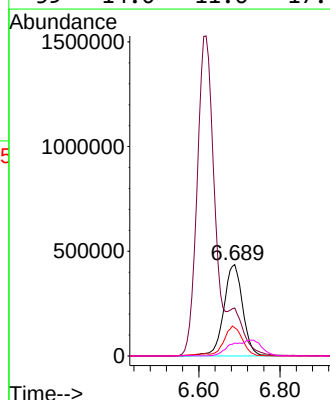
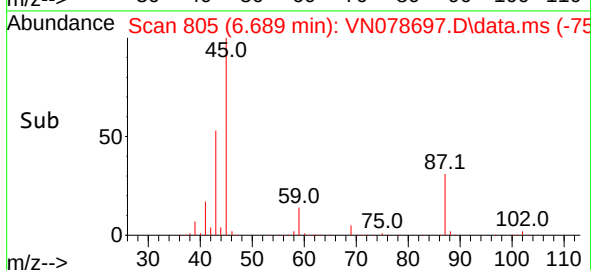
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

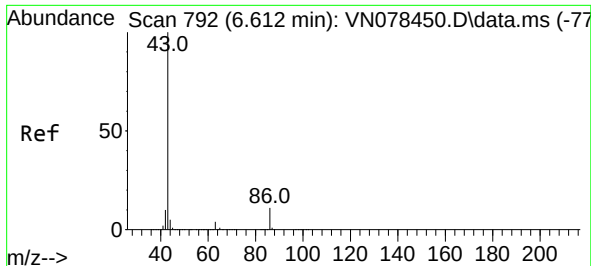


#22
Diisopropyl ether
Concen: 56.494 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



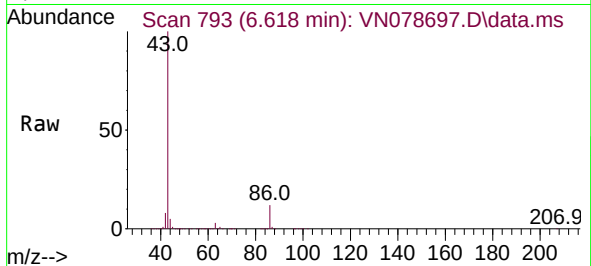
Tgt Ion: 45 Resp: 1408365
Ion Ratio Lower Upper
45 100
43 51.7 45.5 68.3
87 30.7 31.8 47.8#
59 14.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 286.190 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078697.D
 Acq: 28 Jul 2023 20:33

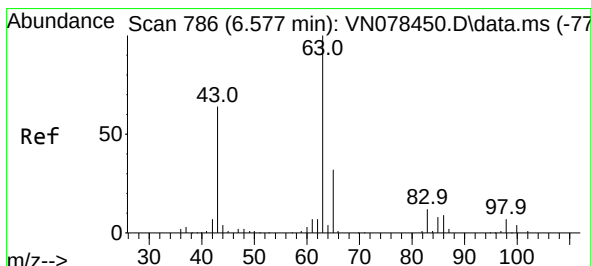
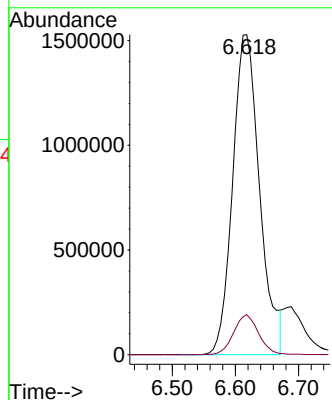
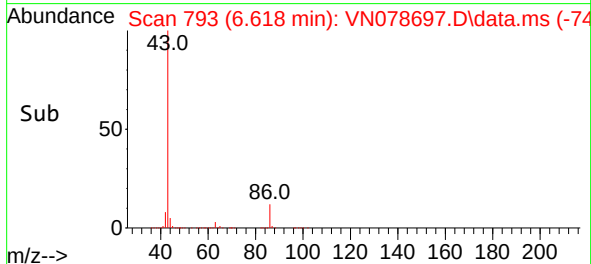
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



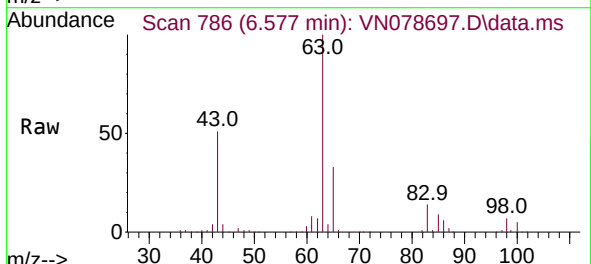
Tgt Ion: 43 Resp: 453568
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

Manual Integrations
 APPROVED

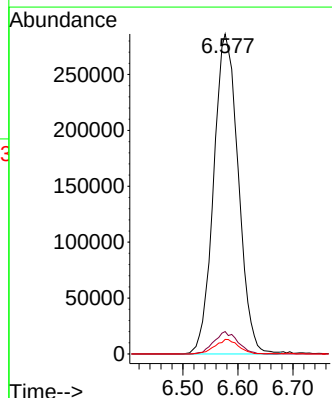
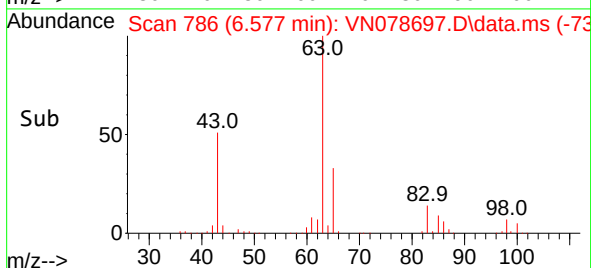
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

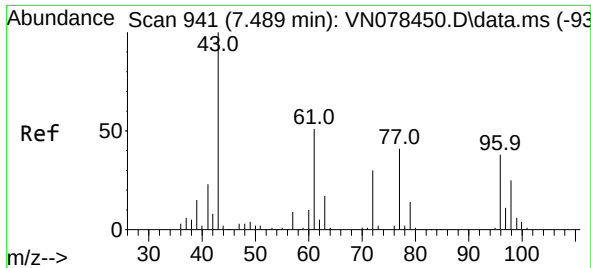


#24
 1,1-Dichloroethane
 Concen: 53.021 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078697.D
 Acq: 28 Jul 2023 20:33



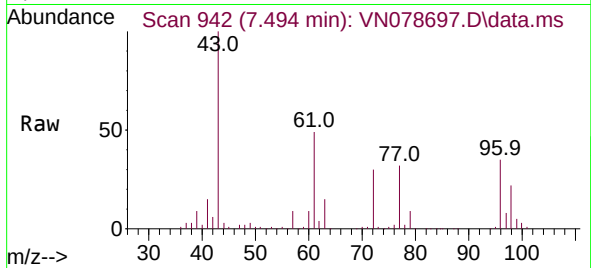
Tgt Ion: 63 Resp: 890652
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 295.482 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

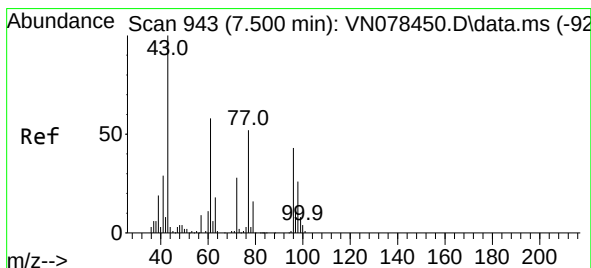
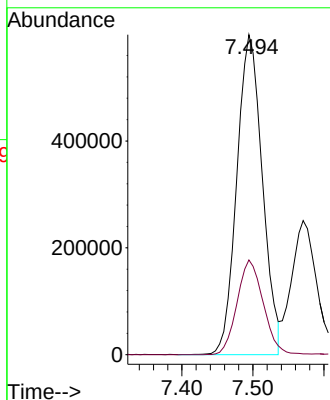
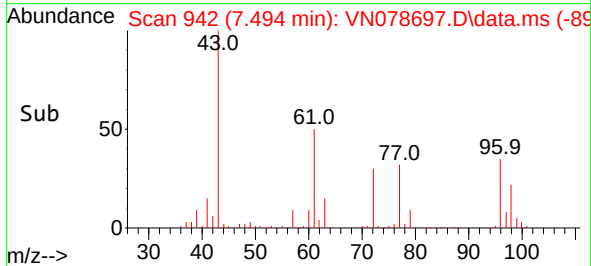
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 149983
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2

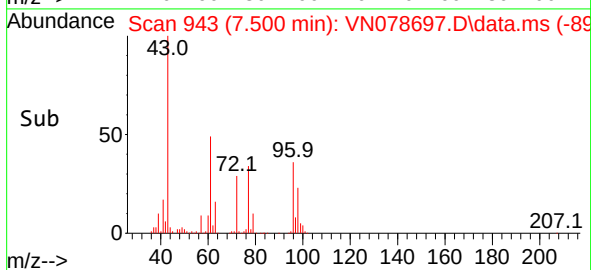
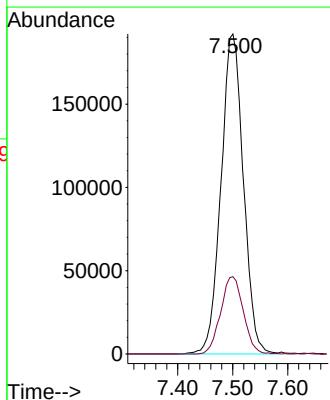
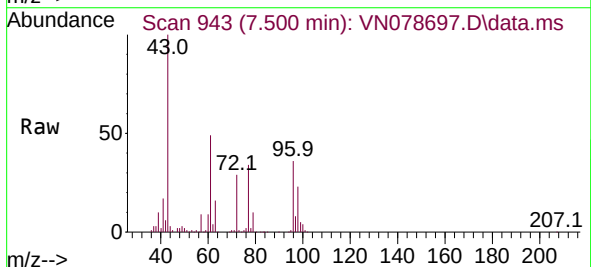
Manual Integrations
APPROVED

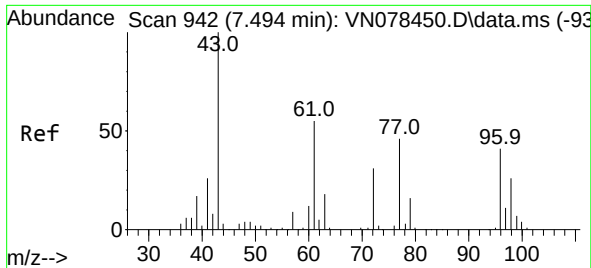
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
2,2-Dichloropropane
Concen: 39.523 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

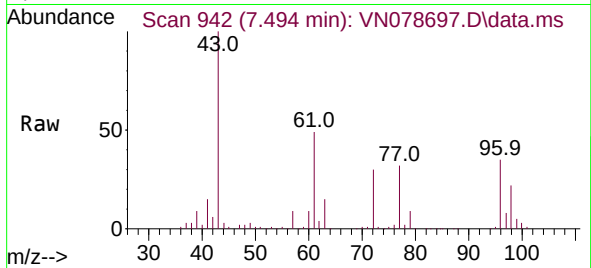
Tgt Ion: 77 Resp: 543012
Ion Ratio Lower Upper
77 100
97 24.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.732 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078697.D
 Acq: 28 Jul 2023 20:33

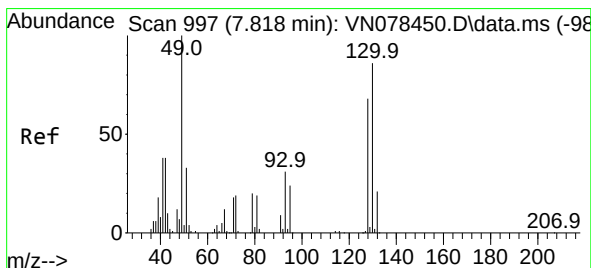
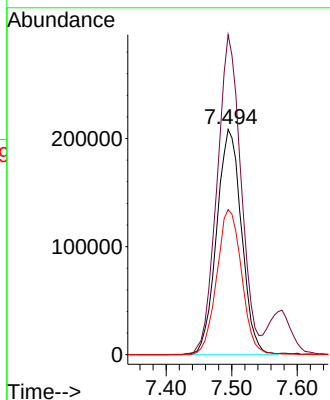
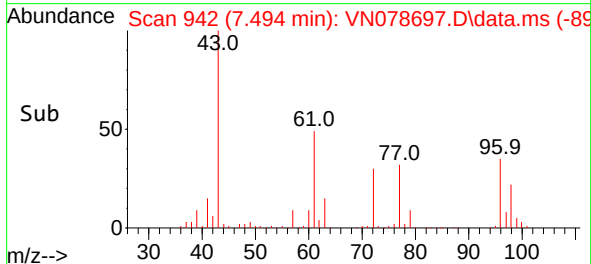
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 549469
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 255.2
 98 64.4 0.0 128.8

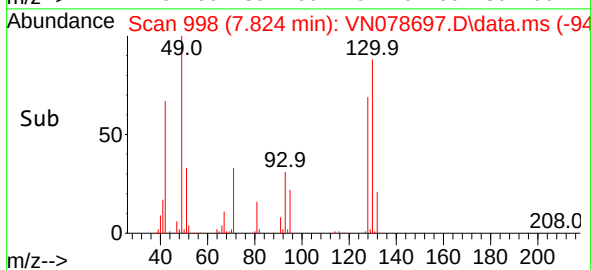
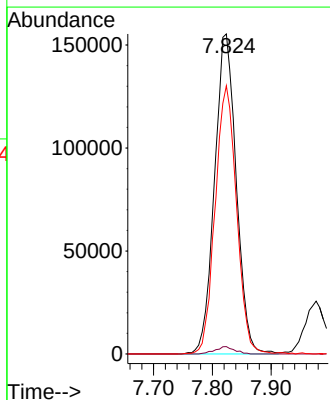
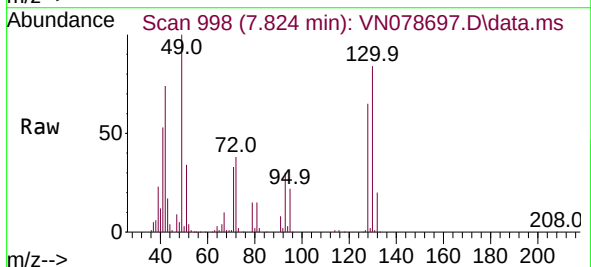
Manual Integrations
 APPROVED

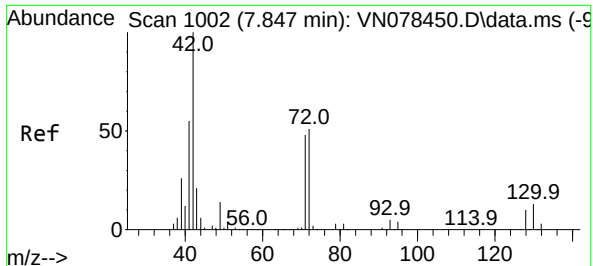
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#28
 Bromochloromethane
 Concen: 50.509 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078697.D
 Acq: 28 Jul 2023 20:33

Tgt Ion: 49 Resp: 399631
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 82.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 301.874 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 100543

Ion Ratio Lower Upper

42 100

72 49.4 49.8 74.6

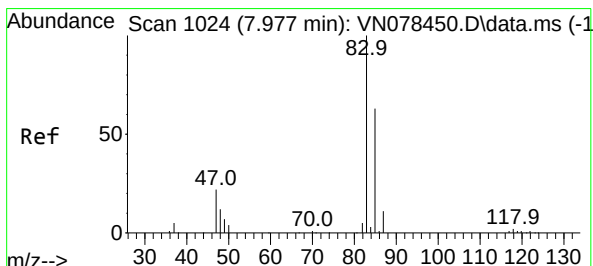
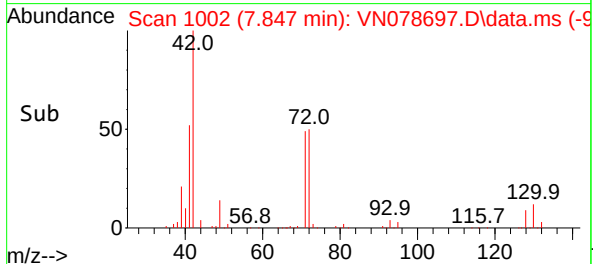
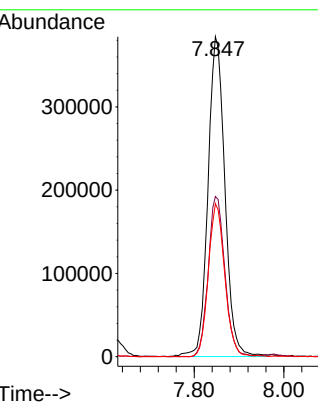
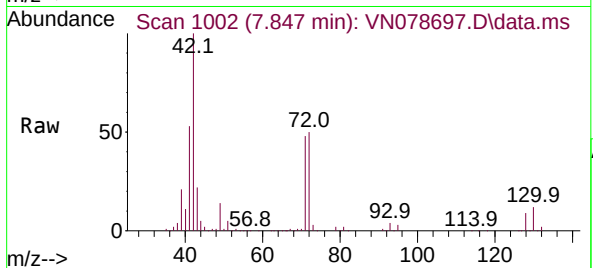
71 46.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Chloroform

Concen: 52.443 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078697.D

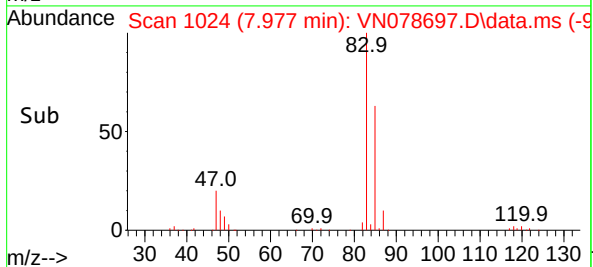
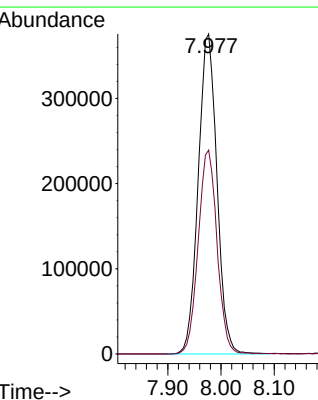
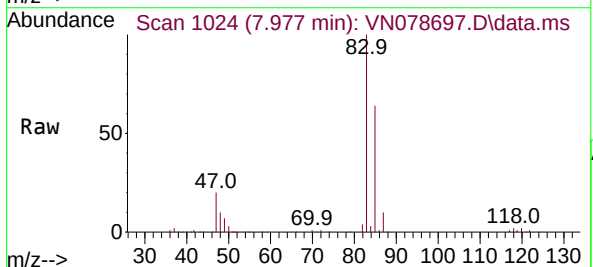
Acq: 28 Jul 2023 20:33

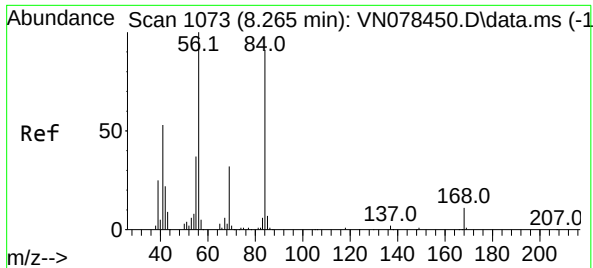
Tgt Ion: 83 Resp: 917153

Ion Ratio Lower Upper

83 100

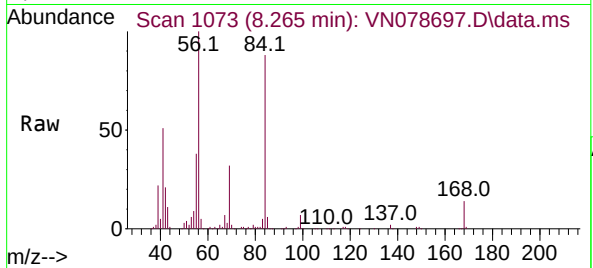
85 63.7 55.4 83.0





#31
Cyclohexane
Concen: 51.349 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

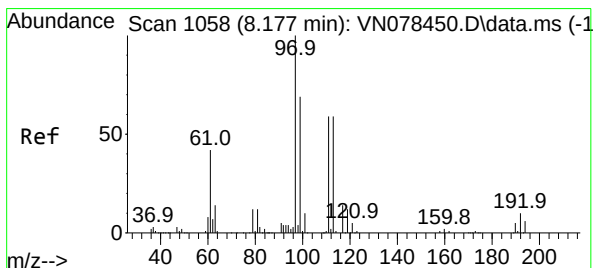
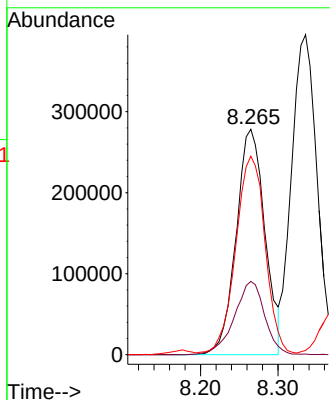
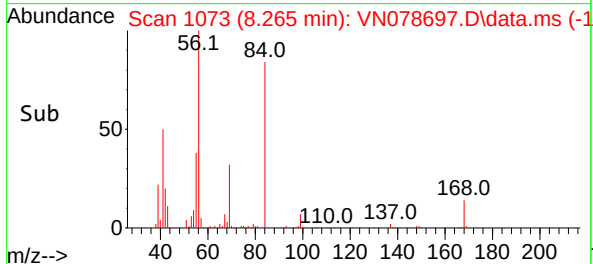
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



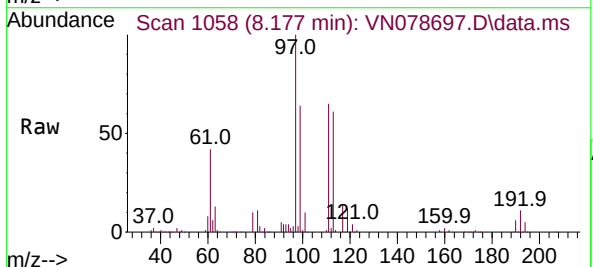
Tgt Ion: 56 Resp: 71836
Ion Ratio Lower Upper
56 100
69 32.5 26.8 40.2
84 86.3 81.8 122.6

Manual Integrations
APPROVED

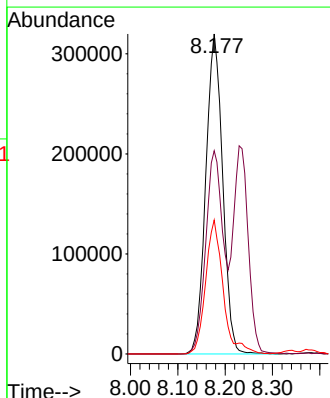
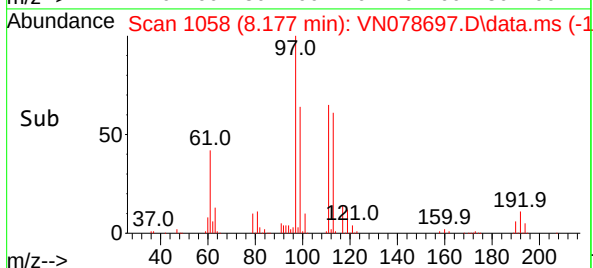
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

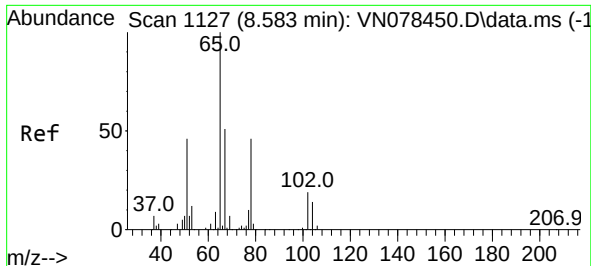


#32
1,1,1-Trichloroethane
Concen: 50.457 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



Tgt Ion: 97 Resp: 791156
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 43.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.093 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 50819

Ion Ratio Lower Upper

65 100

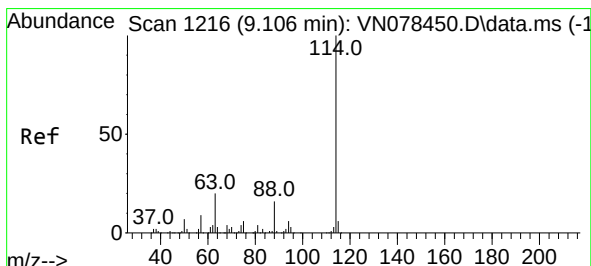
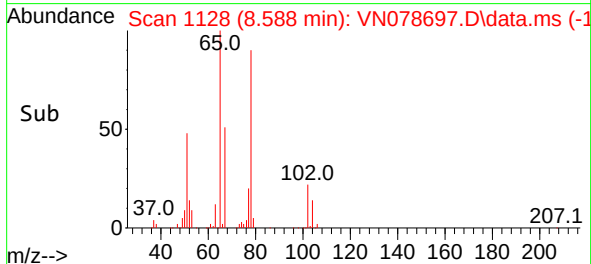
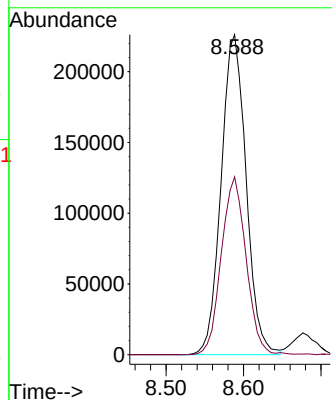
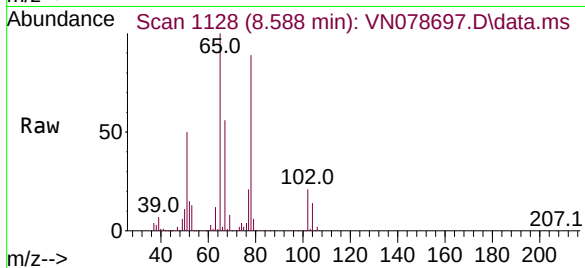
67 55.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

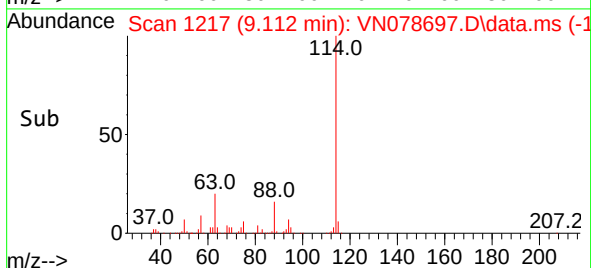
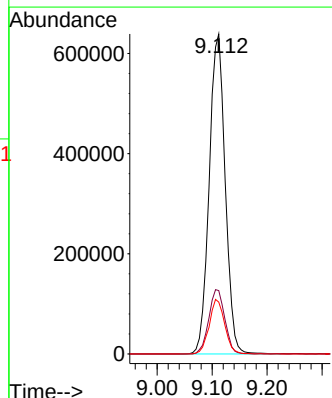
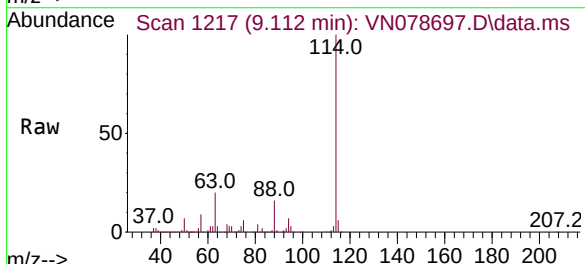
Tgt Ion:114 Resp: 1291945

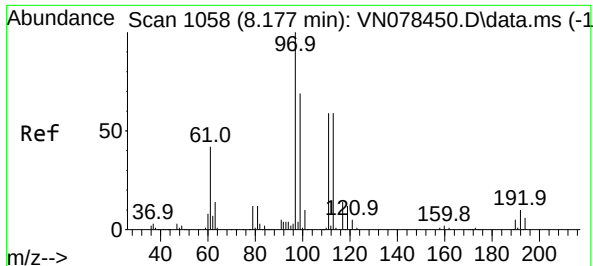
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.017 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078697.D

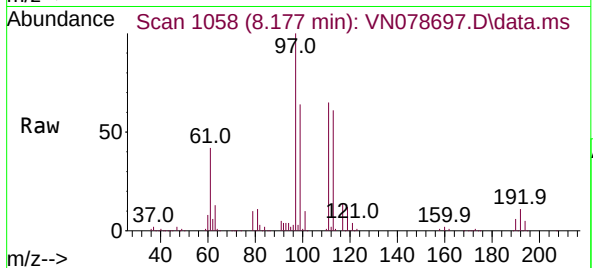
Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:113 Resp: 464968

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

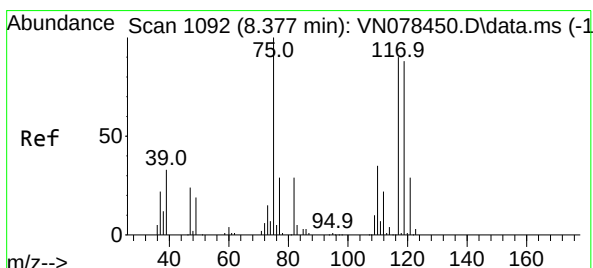
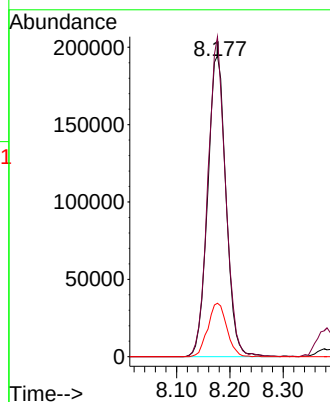
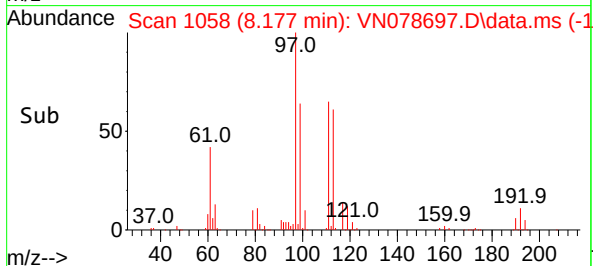
192 18.3 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,1-Dichloropropene

Concen: 52.903 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

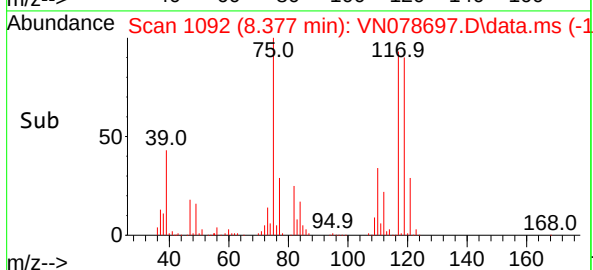
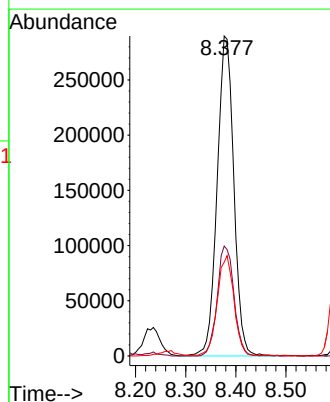
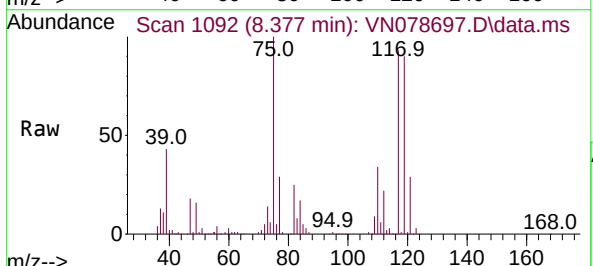
Tgt Ion: 75 Resp: 669929

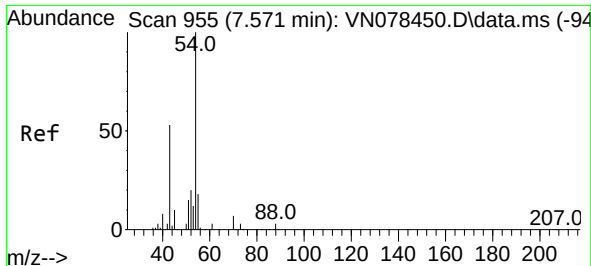
Ion Ratio Lower Upper

75 100

110 34.6 19.1 57.3

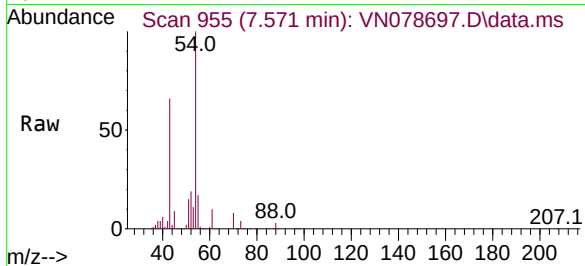
77 31.4 25.0 37.4





#37
Ethyl Acetate
Concen: 59.810 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

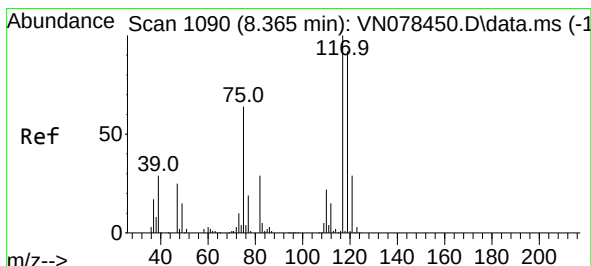
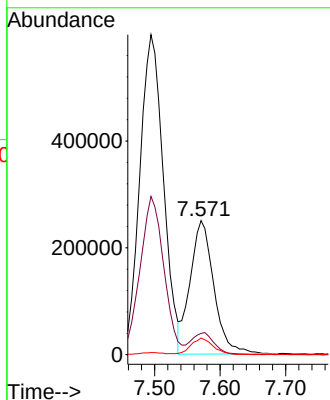
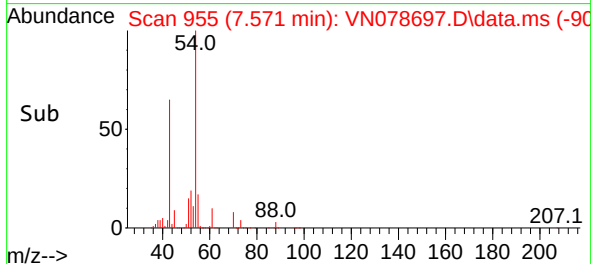
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 631368
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.7 11.3 16.9

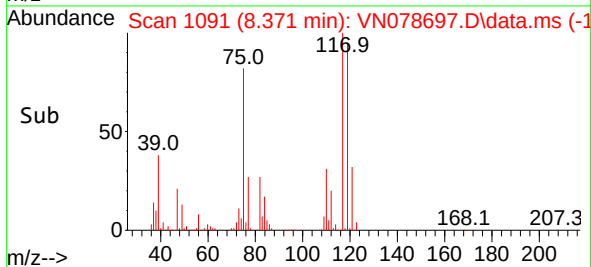
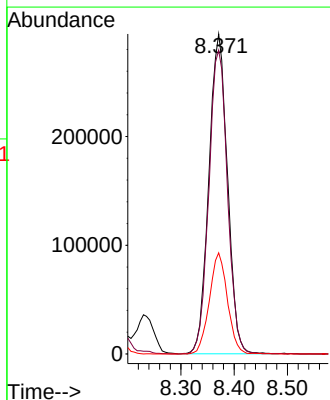
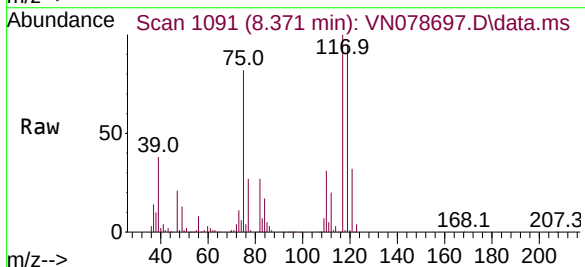
Manual Integrations
APPROVED

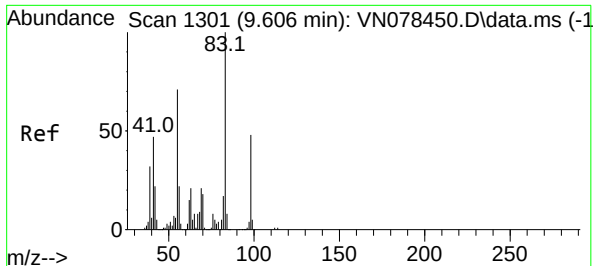
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
Carbon Tetrachloride
Concen: 51.871 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Tgt Ion:117 Resp: 713904
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
121 31.6 23.3 34.9





#39

Methylcyclohexane

Concen: 54.809 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 63353

Ion Ratio Lower Upper

83 100

55 74.3 49.1 73.7

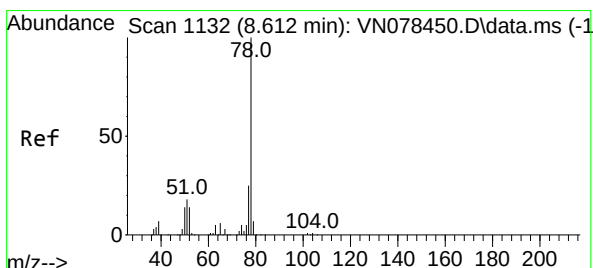
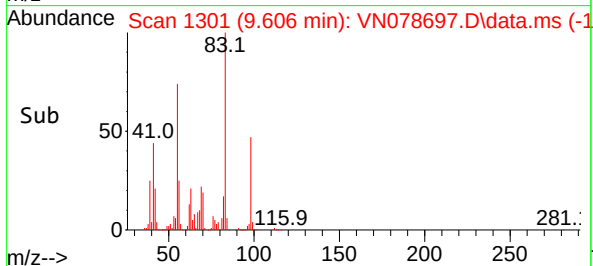
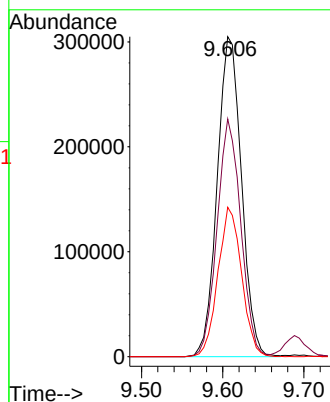
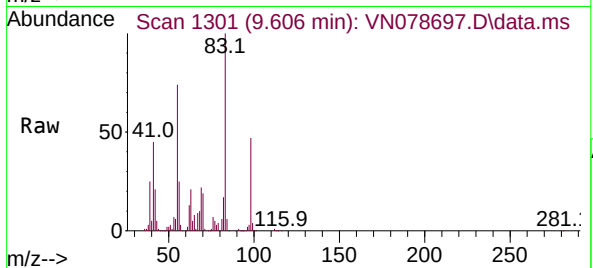
98 46.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Benzene

Concen: 55.244 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078697.D

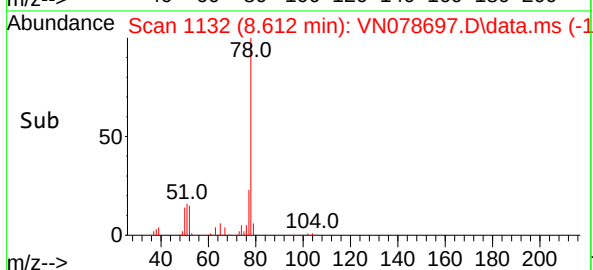
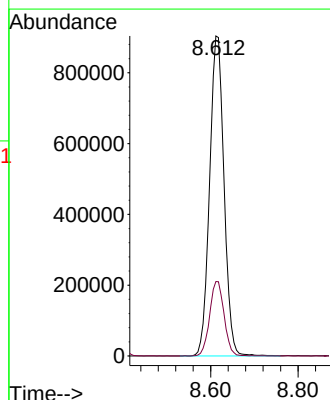
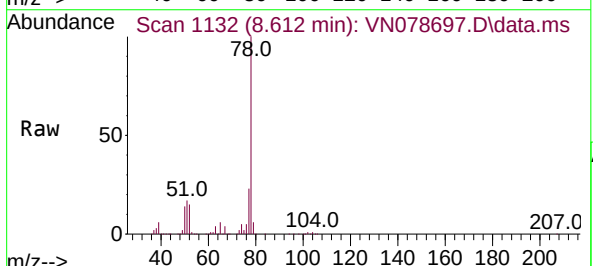
Acq: 28 Jul 2023 20:33

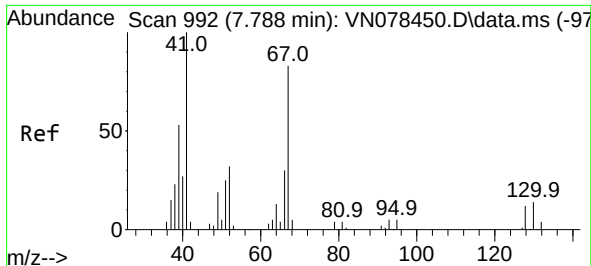
Tgt Ion: 78 Resp: 2072525

Ion Ratio Lower Upper

78 100

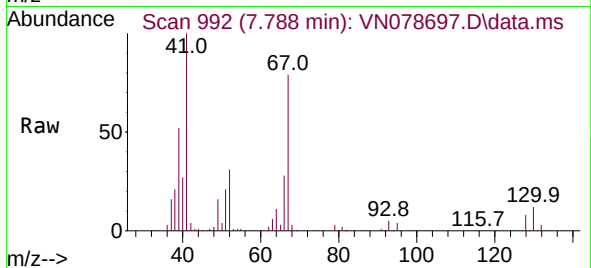
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 61.501 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

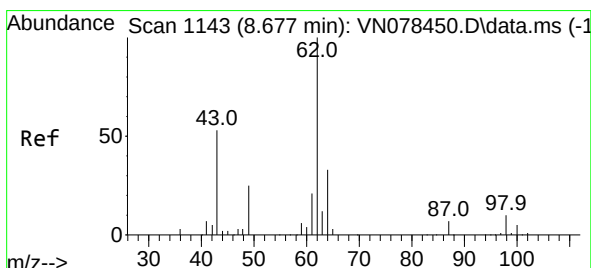
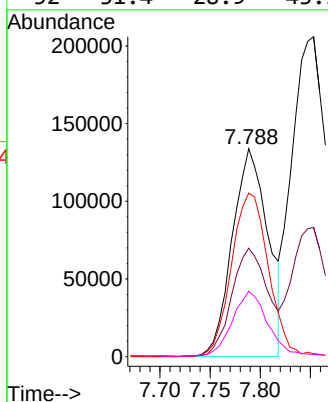
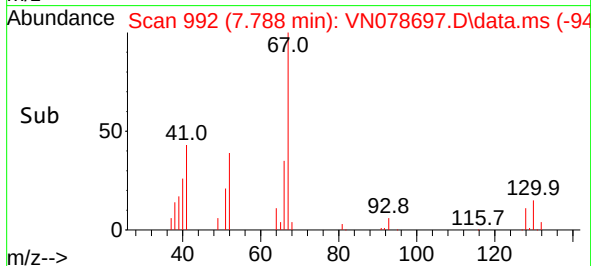
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 330964
Ion Ratio Lower Upper
41 100
39 53.2 42.6 64.0
67 82.7 77.5 116.3
52 31.4 28.9 43.3

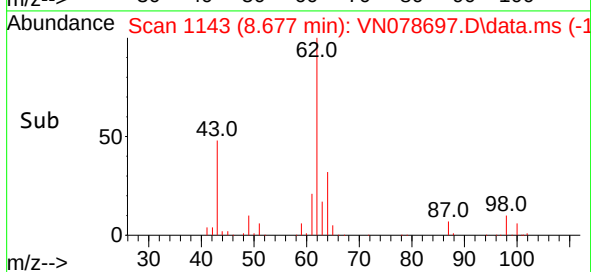
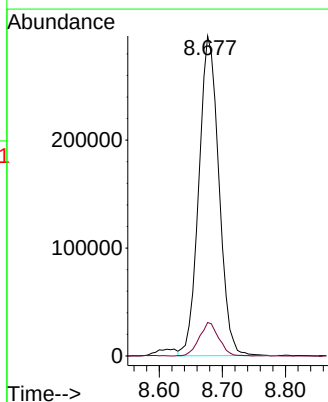
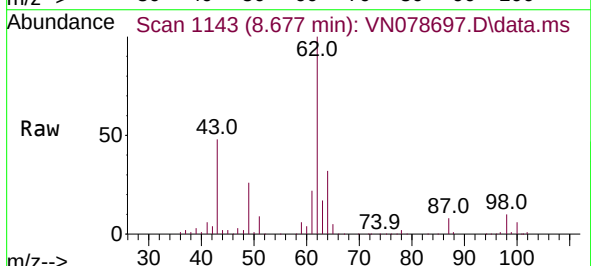
Manual Integrations
APPROVED

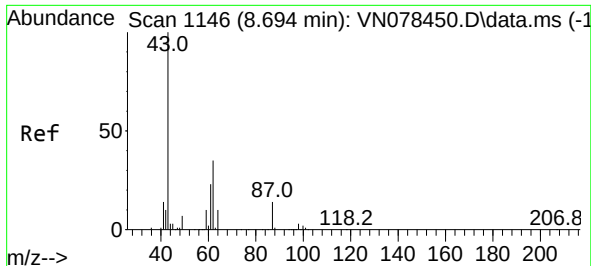
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 51.152 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

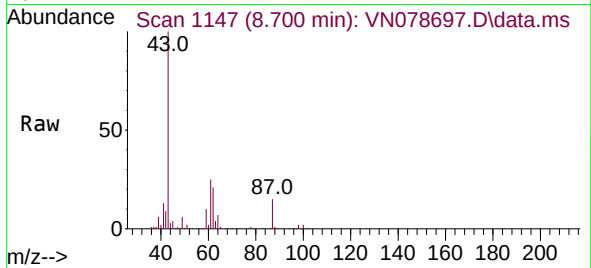
Tgt Ion: 62 Resp: 652730
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 59.263 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

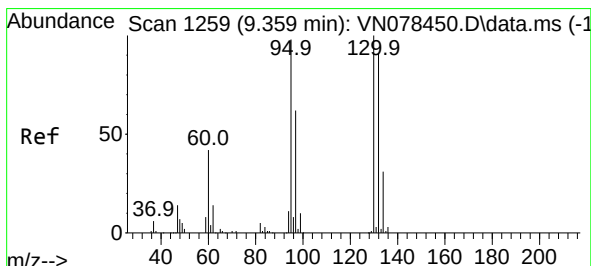
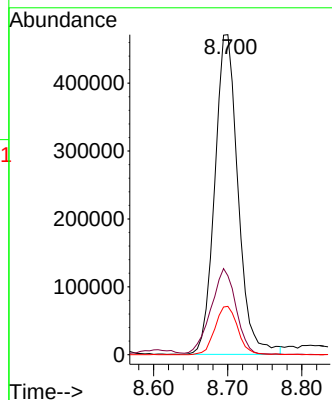
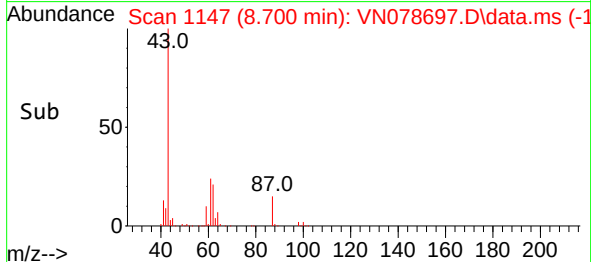
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1029970
Ion Ratio Lower Upper
43 100
61 28.9 24.7 37.1
87 14.7 14.6 21.8

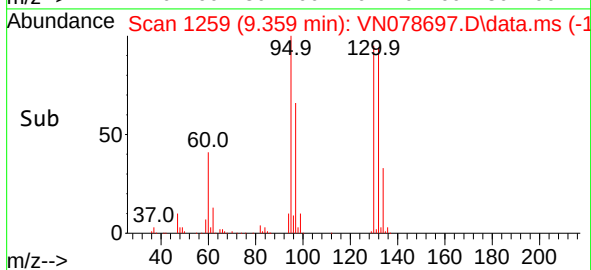
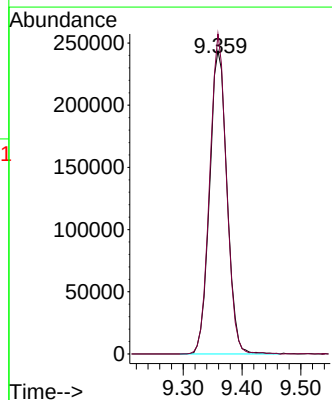
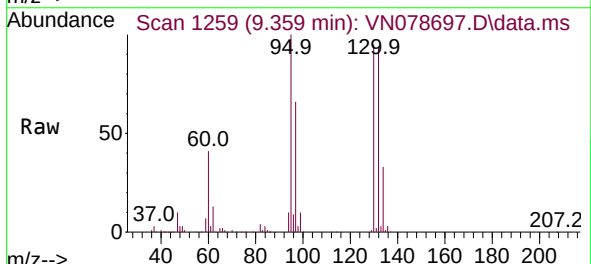
Manual Integrations
APPROVED

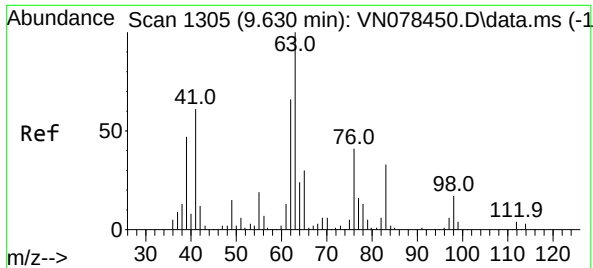
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Trichloroethene
Concen: 49.646 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

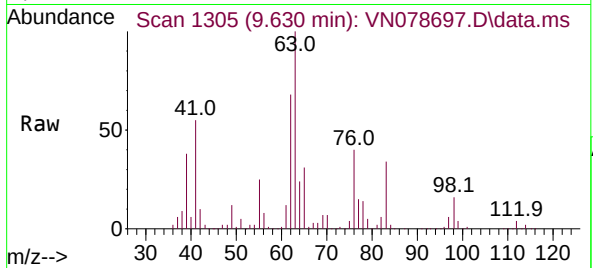
Tgt Ion:130 Resp: 501987
Ion Ratio Lower Upper
130 100
95 105.5 0.0 204.6





#45
1,2-Dichloropropane
Concen: 56.828 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

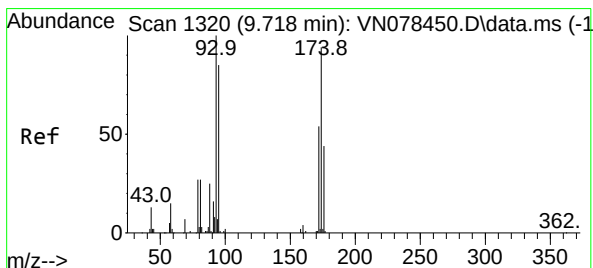
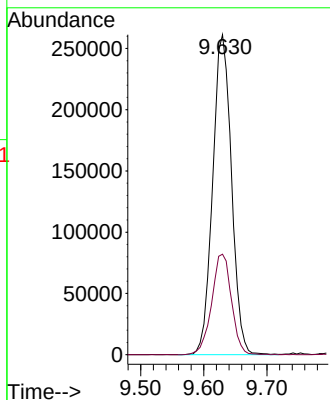
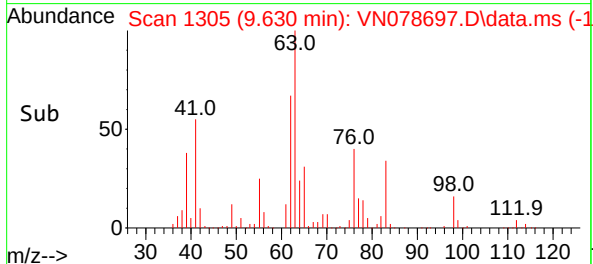
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



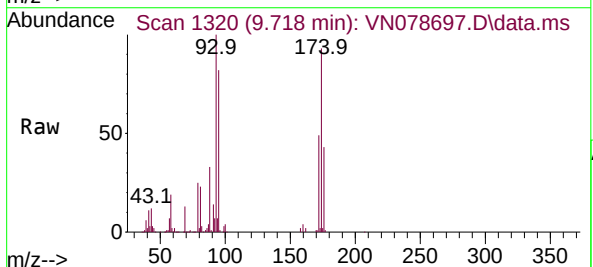
Tgt Ion: 63 Resp: 53997
Ion Ratio Lower Upper
63 100
65 31.4 23.9 35.9

Manual Integrations
APPROVED

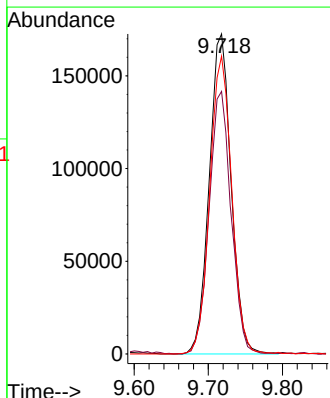
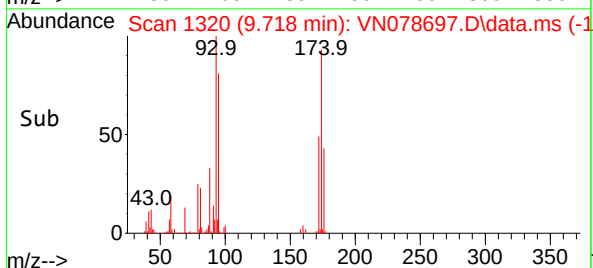
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

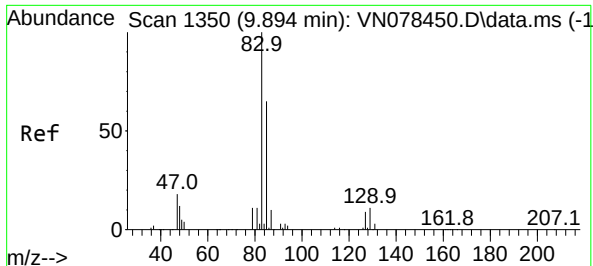


#46
Dibromomethane
Concen: 52.923 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



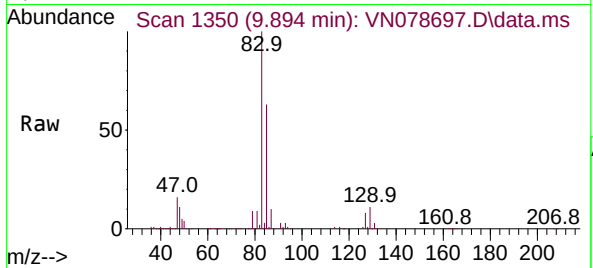
Tgt Ion: 93 Resp: 353933
Ion Ratio Lower Upper
93 100
95 82.6 63.8 95.8
174 93.3 65.6 98.4





#47
Bromodichloromethane
Concen: 53.252 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

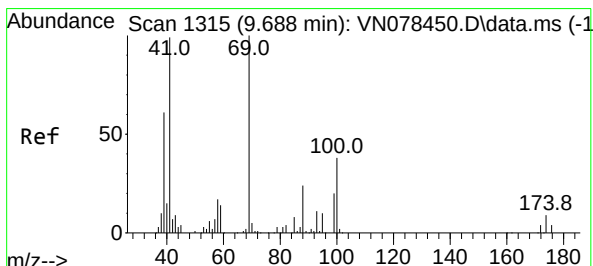
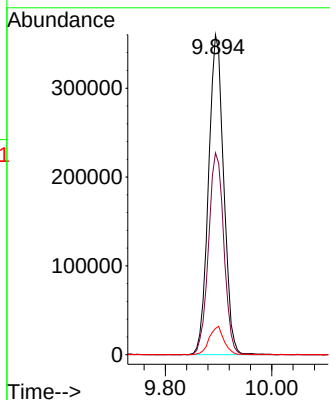
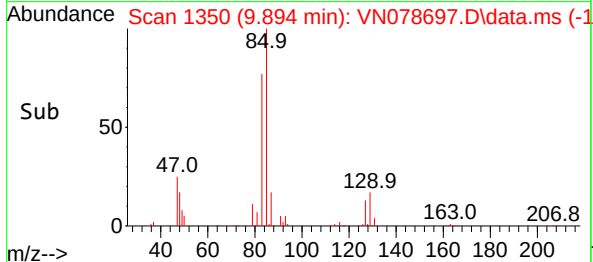
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 713890
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 8.2 7.0 10.6

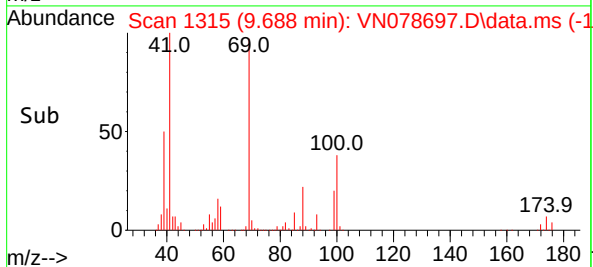
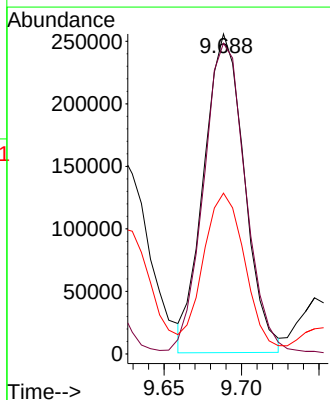
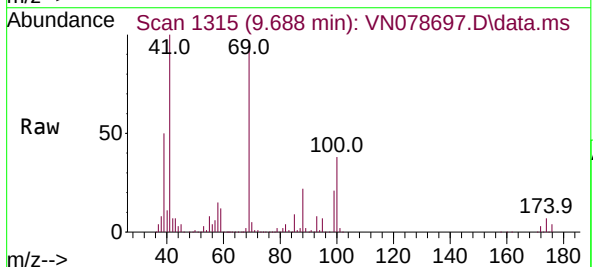
Manual Integrations
APPROVED

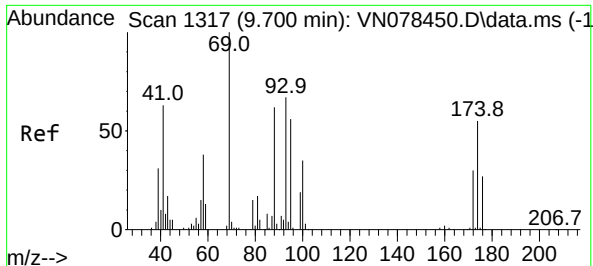
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Methyl methacrylate
Concen: 57.564 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Tgt Ion: 41 Resp: 463494
Ion Ratio Lower Upper
41 100
69 101.5 90.4 135.6
39 53.1 54.6 81.8





#49

1,4-Dioxane

Concen: 1189.072 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078697.D

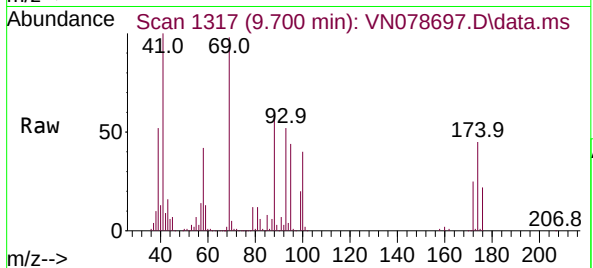
Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



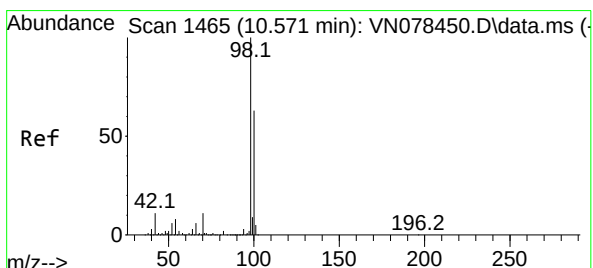
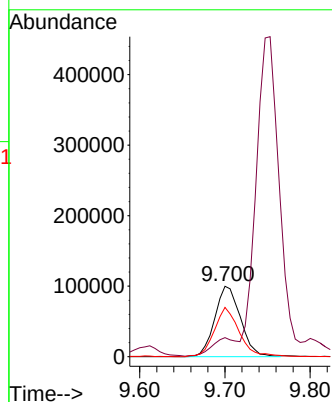
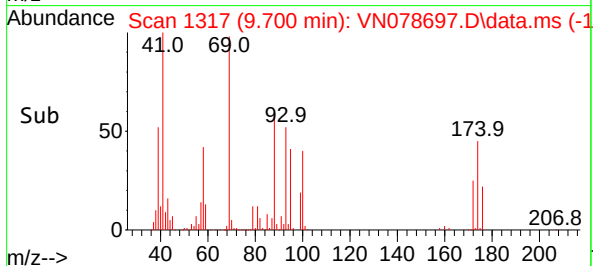
Tgt Ion:	88	Resp:	208799
Ion Ratio	Lower	Upper	
88	100		
43	23.2	17.0	25.6
58	68.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 50.654 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078697.D

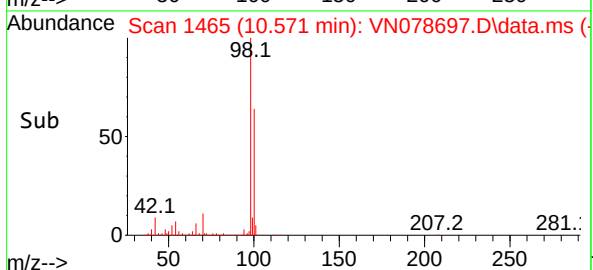
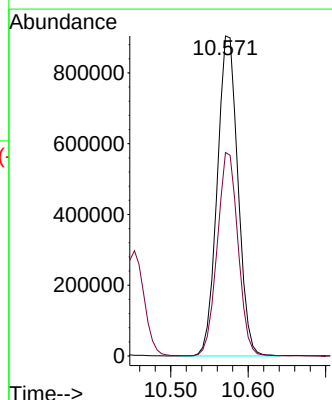
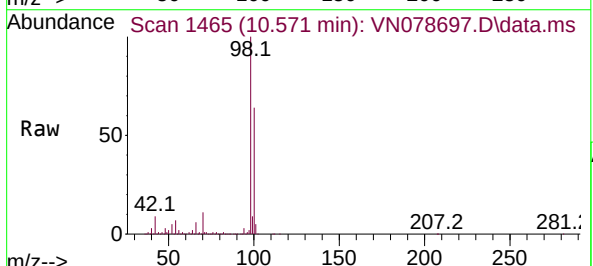
Acq: 28 Jul 2023 20:33

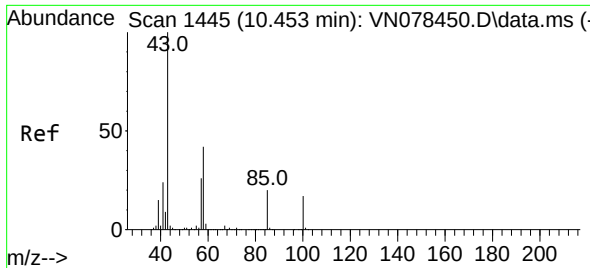
Tgt Ion: 98 Resp: 1678198

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





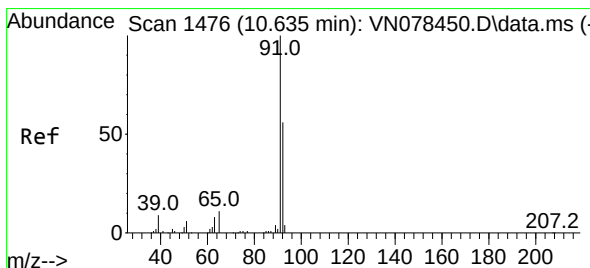
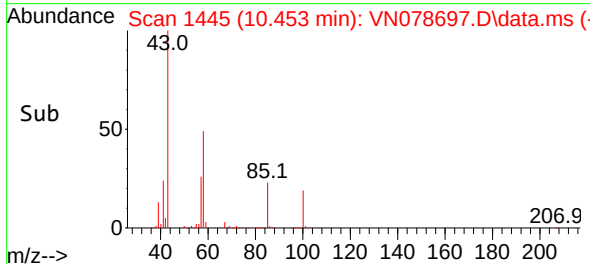
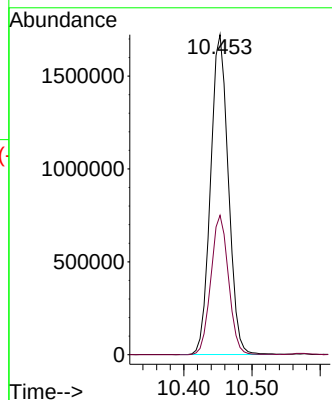
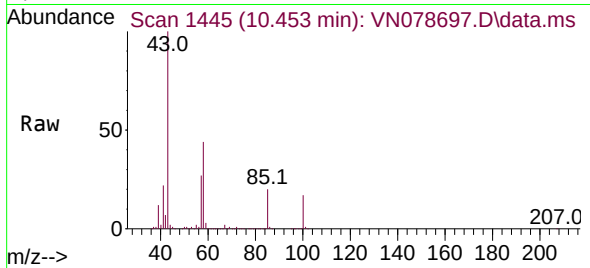
#51
4-Methyl-2-Pentanone
Concen: 302.369 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 312577
Ion Ratio Lower Upper
43 100
58 43.3 36.6 54.8

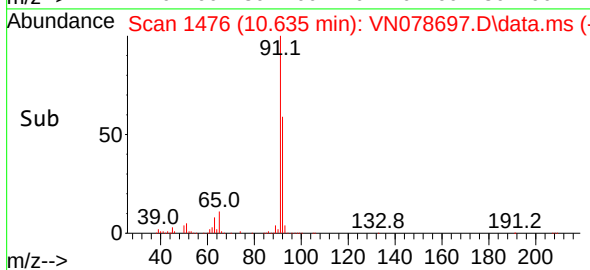
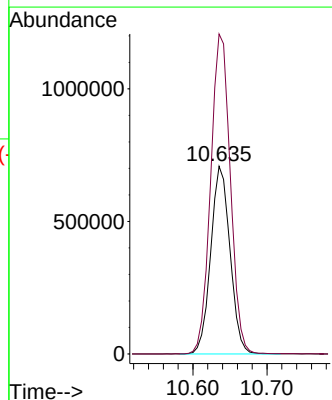
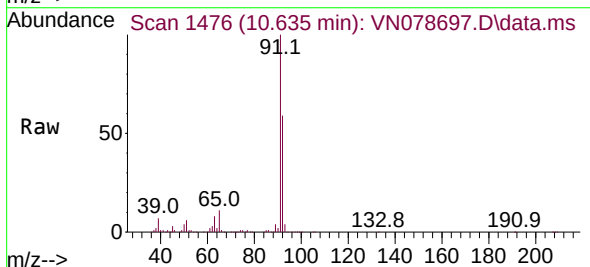
Manual Integrations
APPROVED

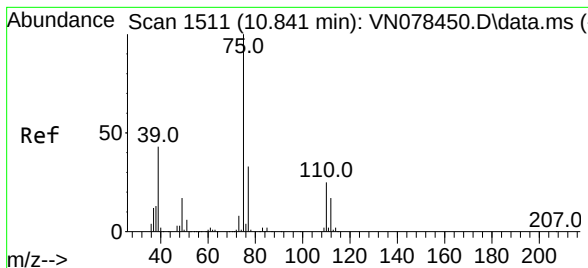
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
Toluene
Concen: 54.986 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

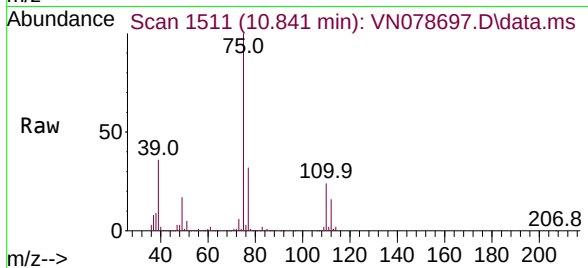
Tgt Ion: 92 Resp: 1278497
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.084 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

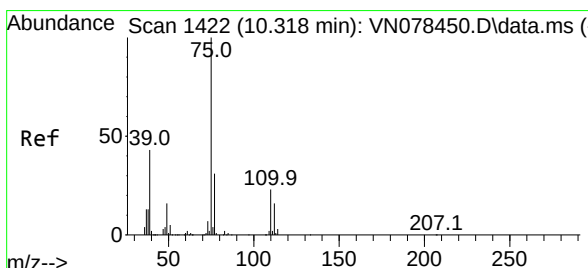
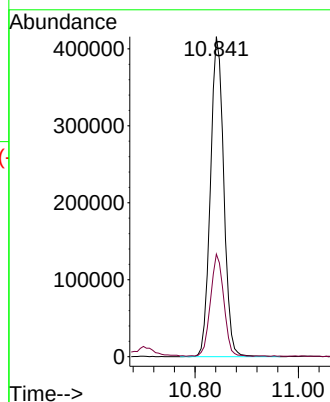
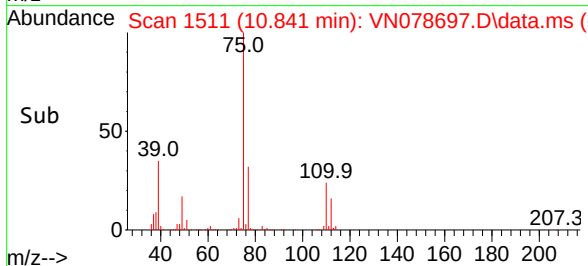
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 742777
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

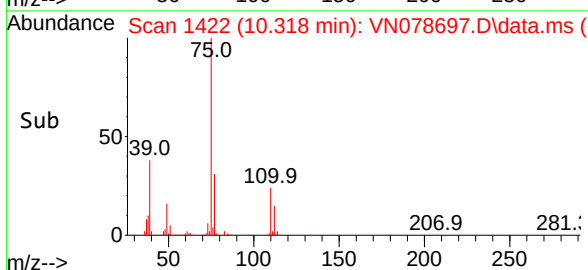
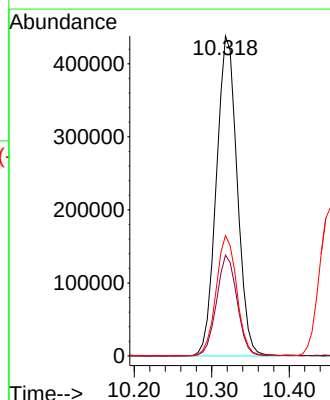
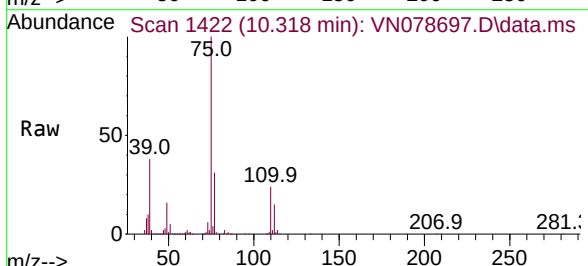
Manual Integrations
APPROVED

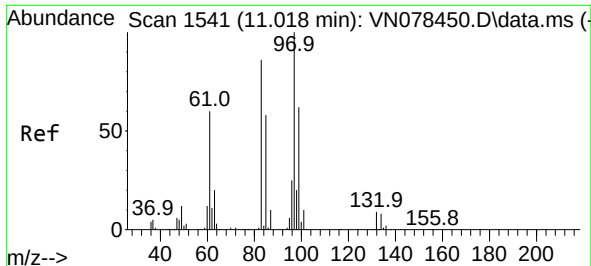
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 55.850 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

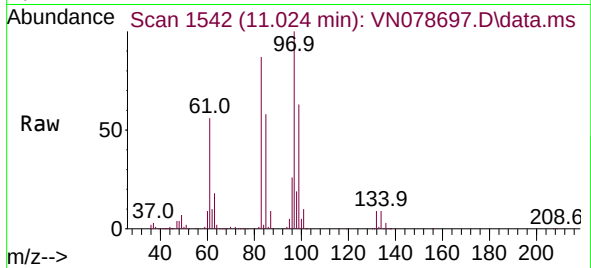
Tgt Ion: 75 Resp: 817616
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 37.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.704 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

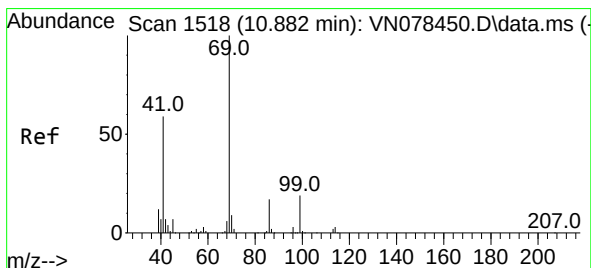
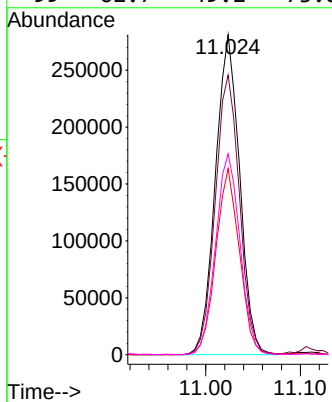
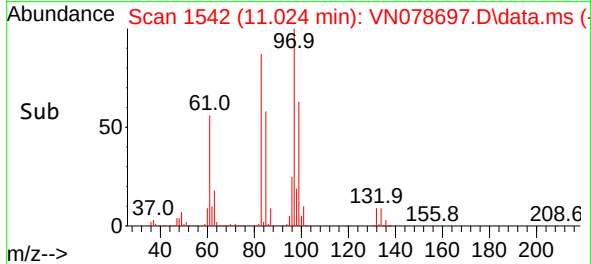
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 501140
Ion Ratio Lower Upper
97 100
83 87.3 65.1 97.7
85 58.2 43.4 65.2
99 62.7 49.2 73.8

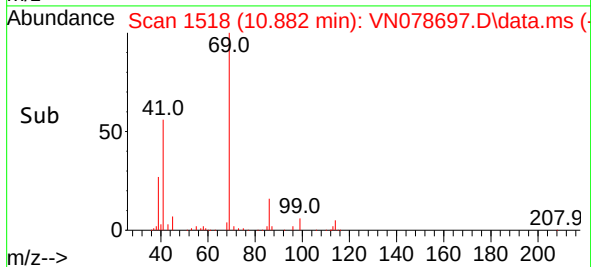
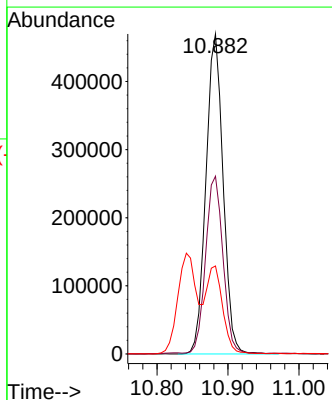
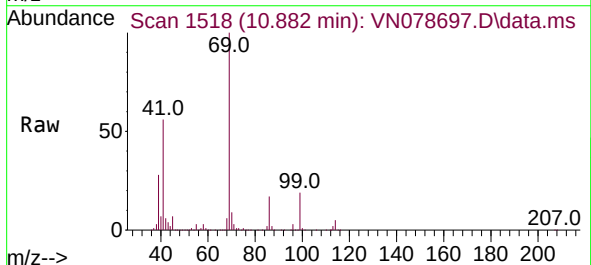
Manual Integrations
APPROVED

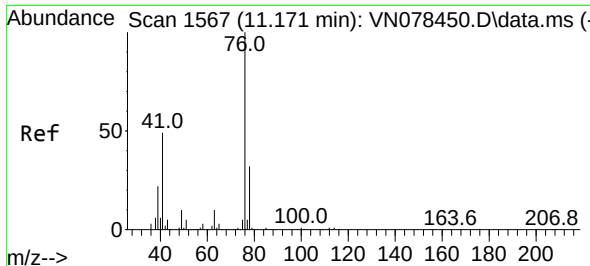
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
Ethyl methacrylate
Concen: 61.606 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

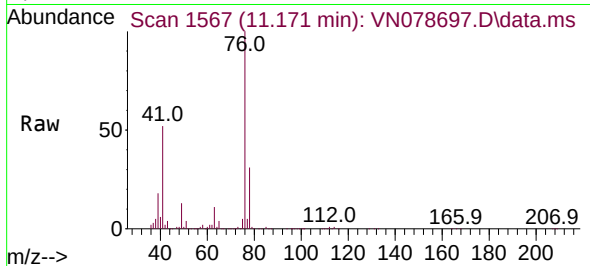
Tgt Ion: 69 Resp: 788931
Ion Ratio Lower Upper
69 100
41 55.9 39.6 59.4
39 25.0 28.6 43.0#





#57
1,3-Dichloropropane
Concen: 54.979 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

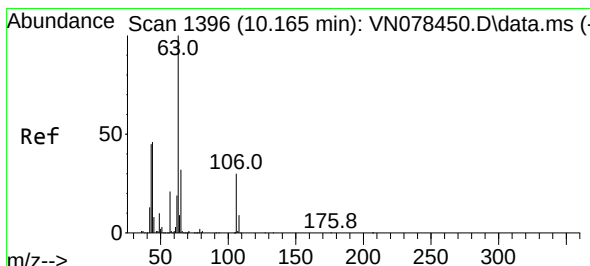
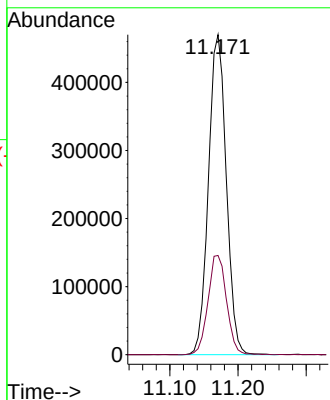
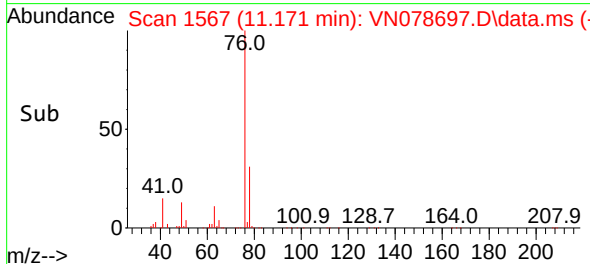
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



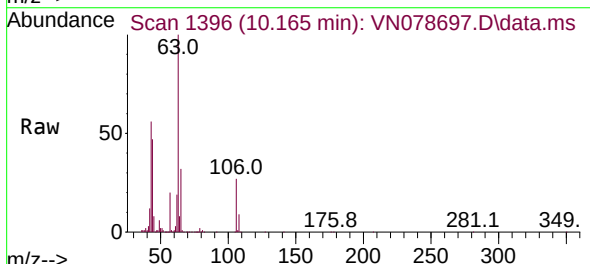
Tgt Ion: 76 Resp: 85638
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

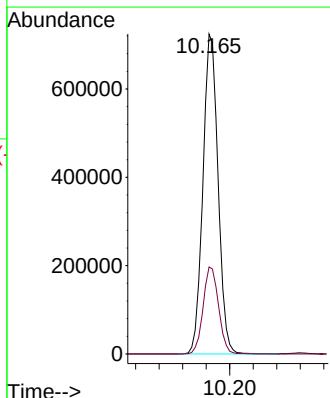
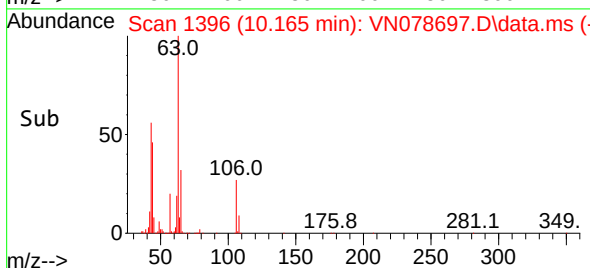
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

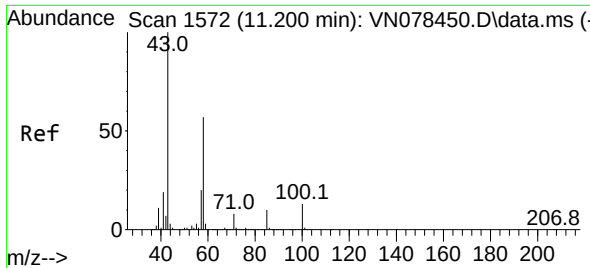


#58
2-Chloroethyl Vinyl ether
Concen: 283.481 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



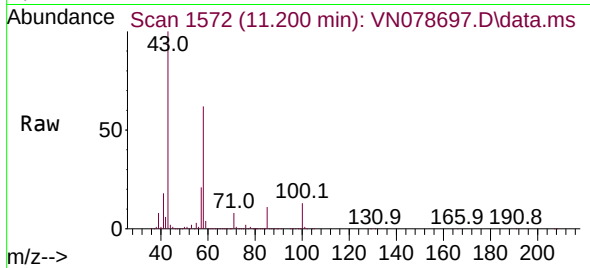
Tgt Ion: 63 Resp: 1293729
Ion Ratio Lower Upper
63 100
106 27.7 26.2 39.4





#59
2-Hexanone
Concen: 308.865 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

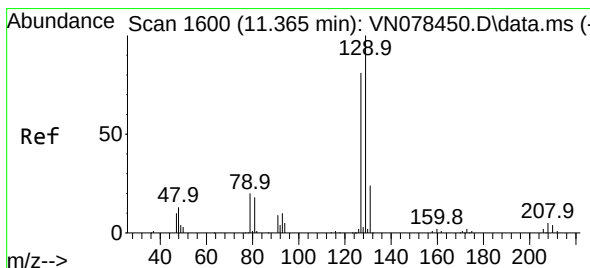
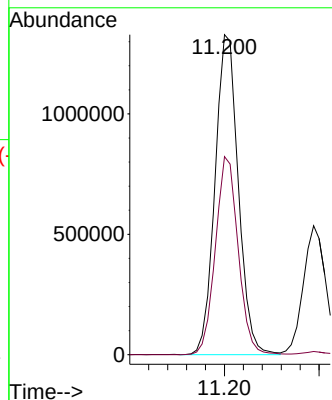
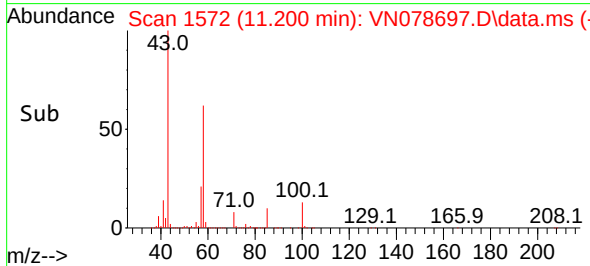
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2269249
Ion Ratio Lower Upper
43 100
58 60.6 31.7 95.1

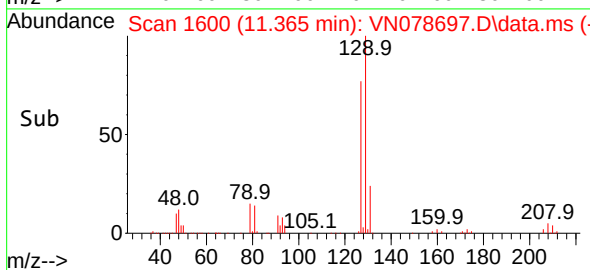
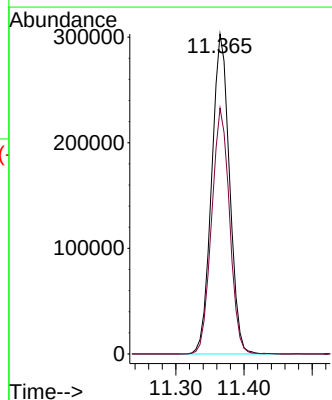
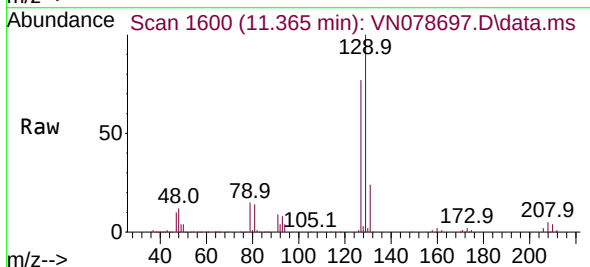
Manual Integrations
APPROVED

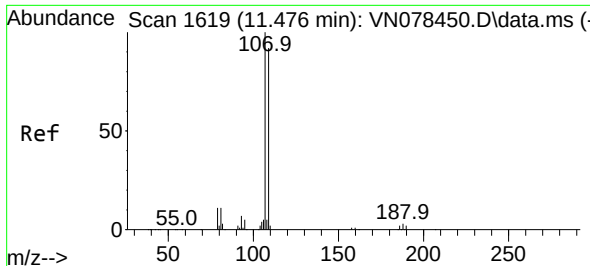
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 54.667 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

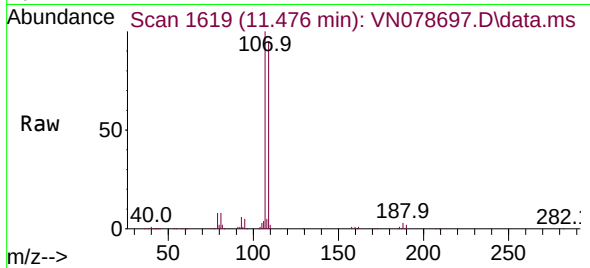
Tgt Ion:129 Resp: 552874
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.169 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

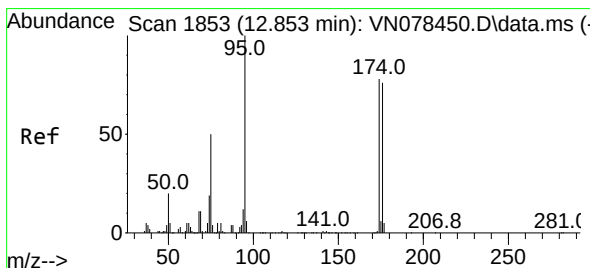
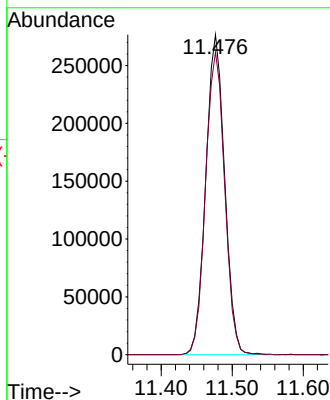
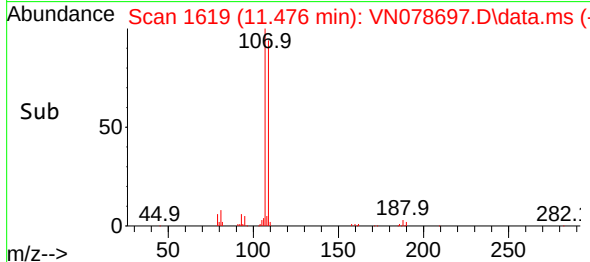
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



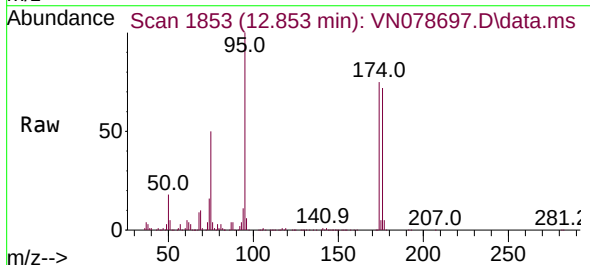
Tgt Ion:107 Resp: 511193
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8

Manual Integrations
APPROVED

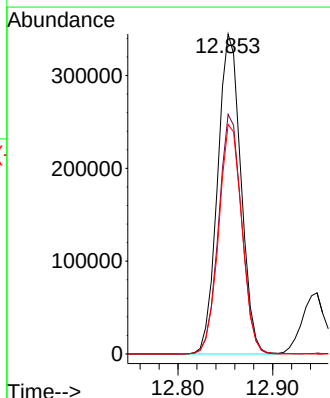
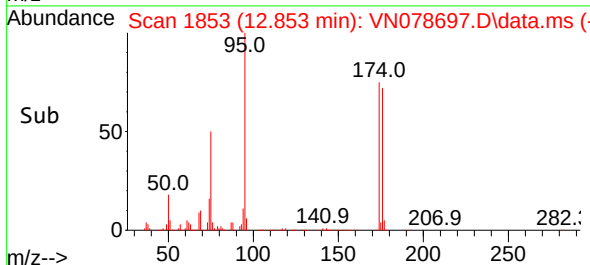
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

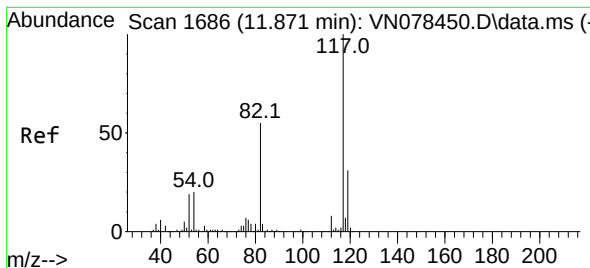


#62
4-Bromofluorobenzene
Concen: 57.721 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



Tgt Ion: 95 Resp: 589048
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 115749

Ion Ratio Lower Upper

117 100

82 55.4 44.0 66.0

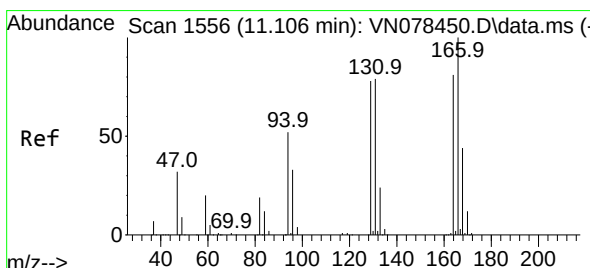
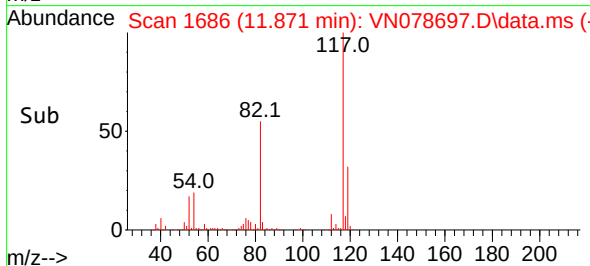
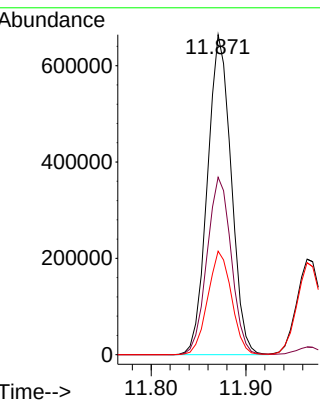
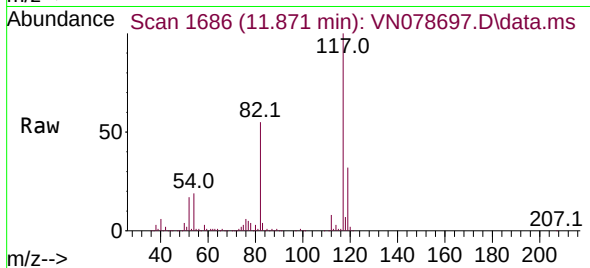
119 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#64

Tetrachloroethene

Concen: 47.908 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

Tgt Ion:164 Resp: 416913

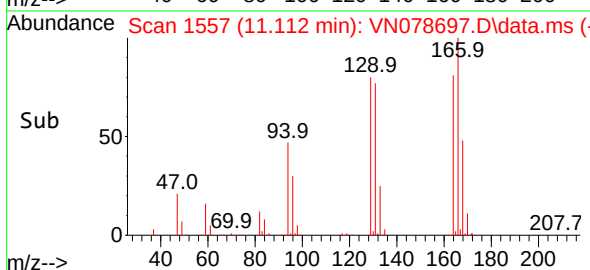
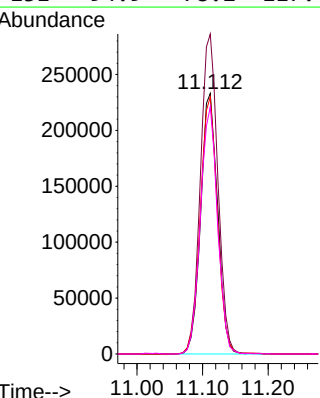
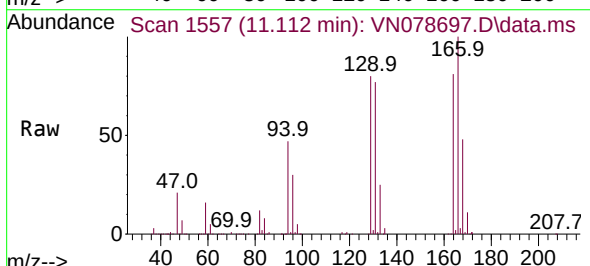
Ion Ratio Lower Upper

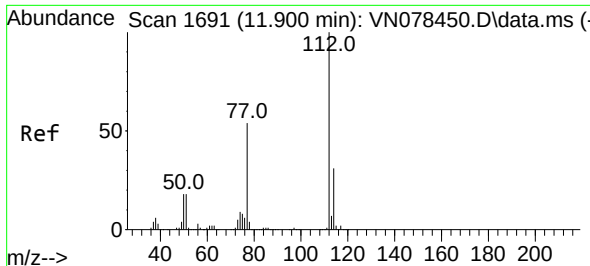
164 100

166 122.9 101.4 152.0

129 98.7 82.4 123.6

131 94.9 78.2 117.4





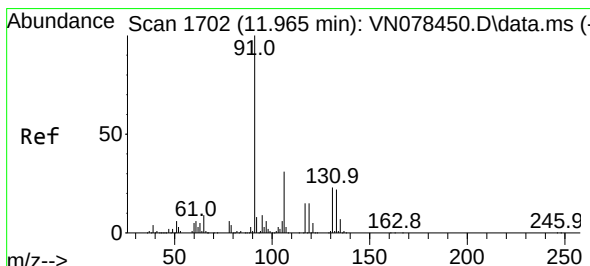
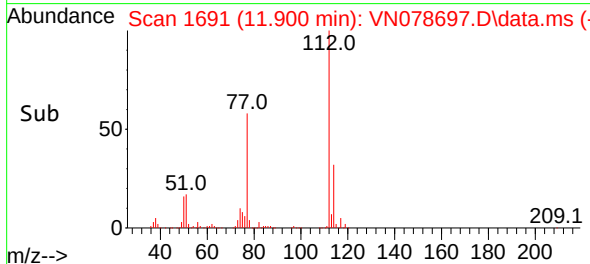
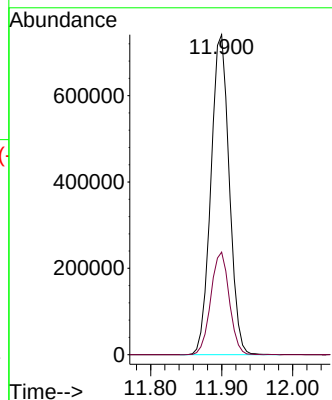
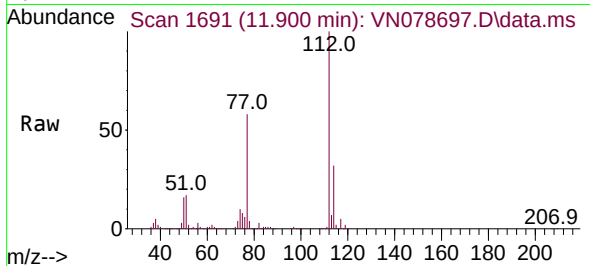
#65
Chlorobenzene
Concen: 51.284 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 132686
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

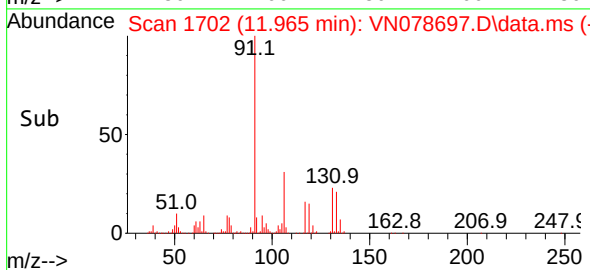
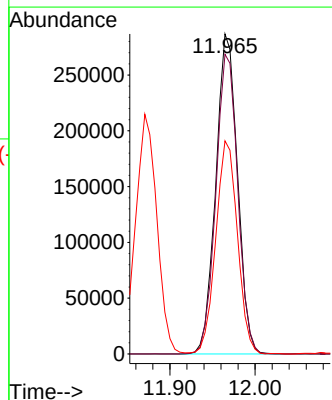
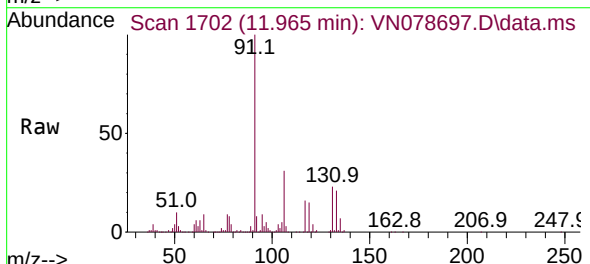
Manual Integrations
APPROVED

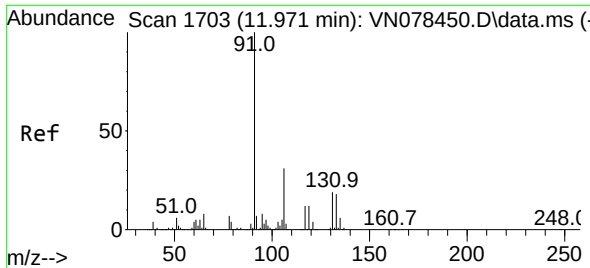
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.065 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

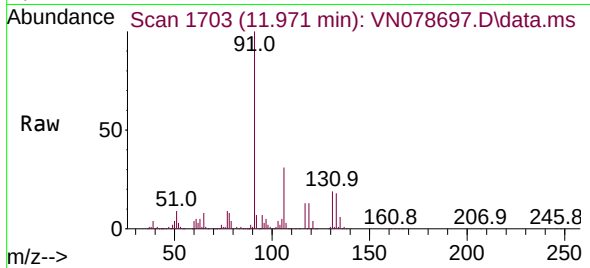
Tgt Ion:131 Resp: 508256
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 66.7 34.1 102.2





#67
Ethyl Benzene
Concen: 54.461 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

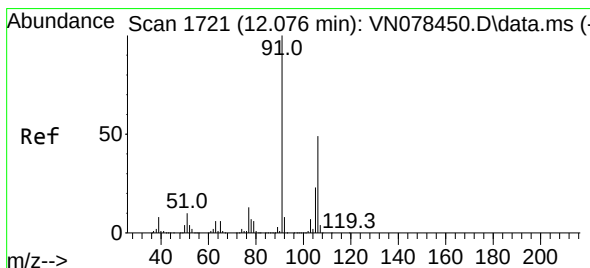
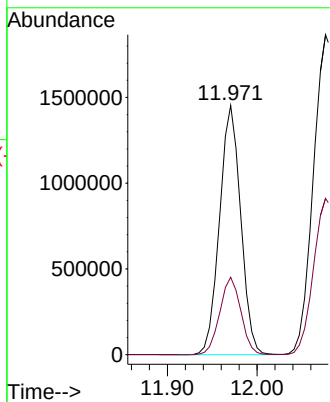
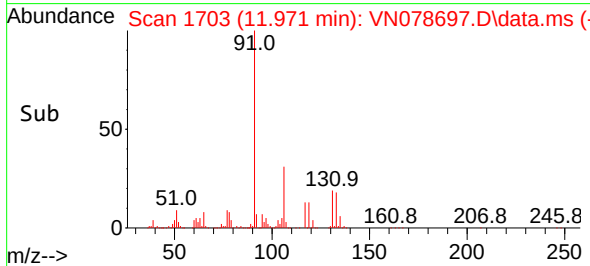
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 2381760
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

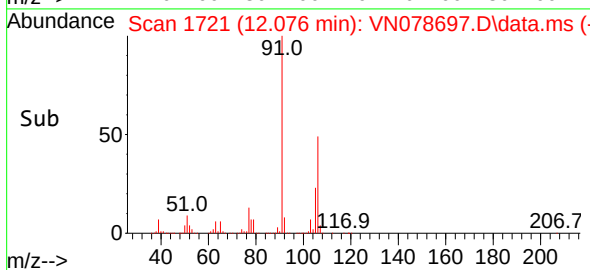
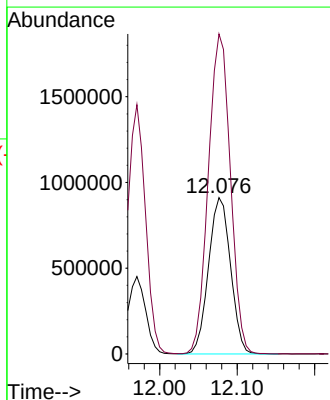
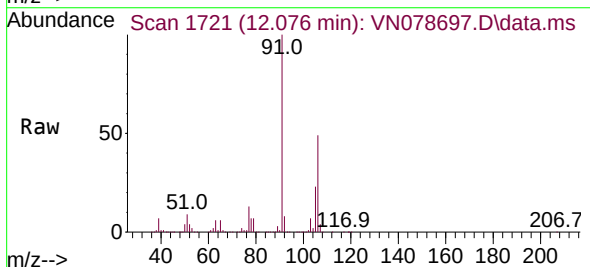
Manual Integrations
APPROVED

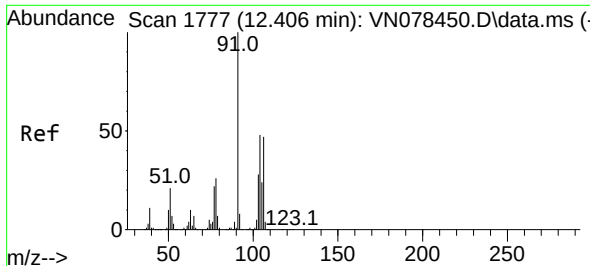
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
m/p-Xylenes
Concen: 111.167 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Tgt Ion:106 Resp: 1797518
Ion Ratio Lower Upper
106 100
91 205.5 159.6 239.4





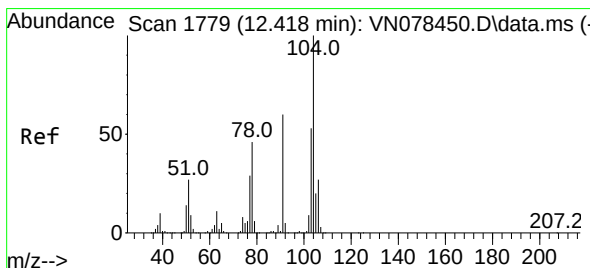
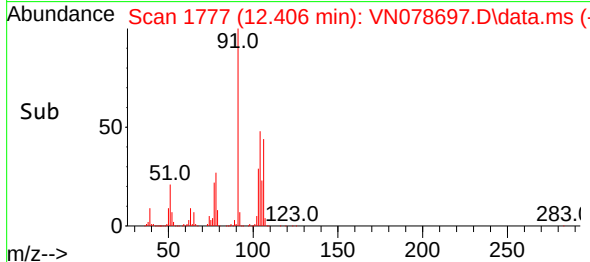
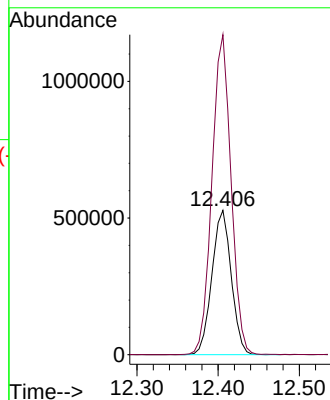
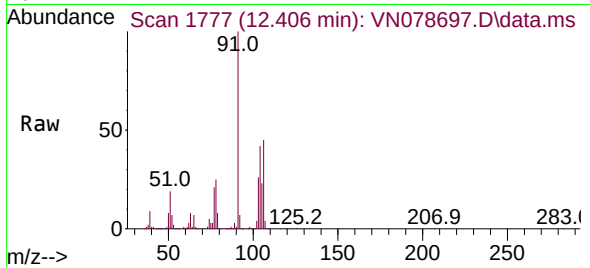
#69
o-Xylene
Concen: 53.490 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 873602
Ion Ratio Lower Upper
106 100
91 219.1 105.2 315.5

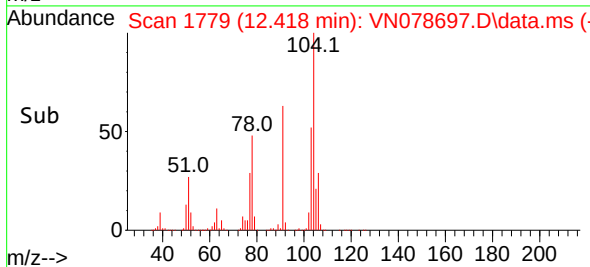
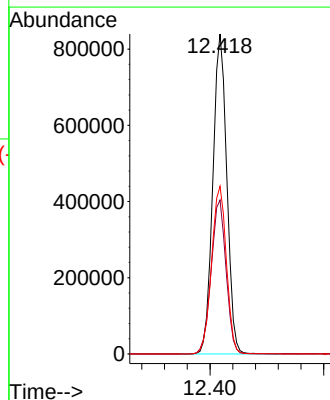
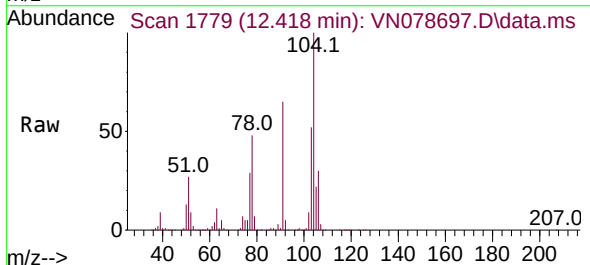
Manual Integrations
APPROVED

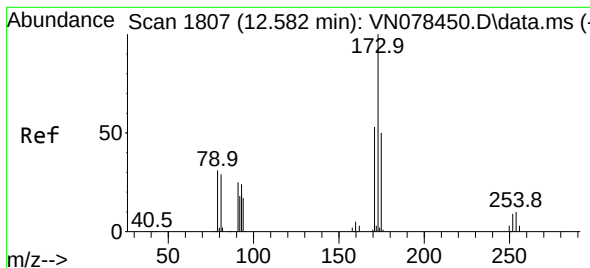
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 55.796 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Tgt Ion:104 Resp: 1425651
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.6 43.2 64.8





#71

Bromoform

Concen: 56.613 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078697.D

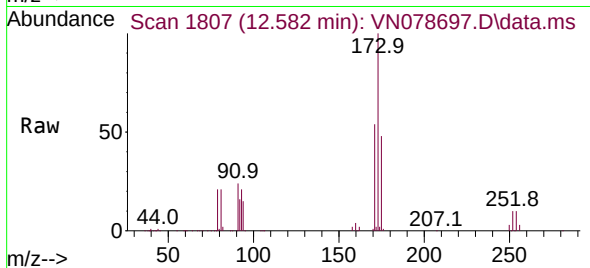
Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 381619

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

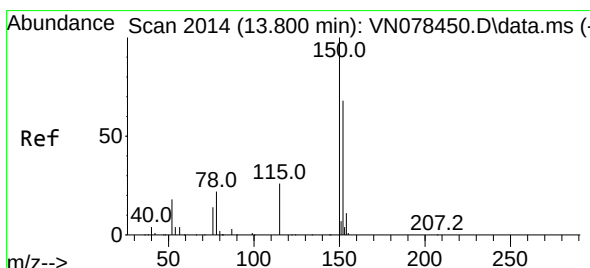
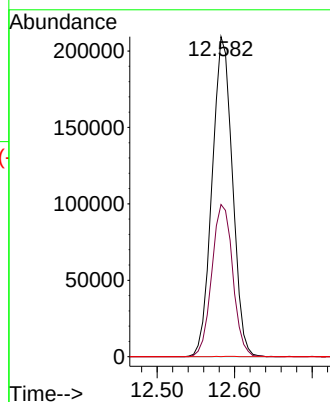
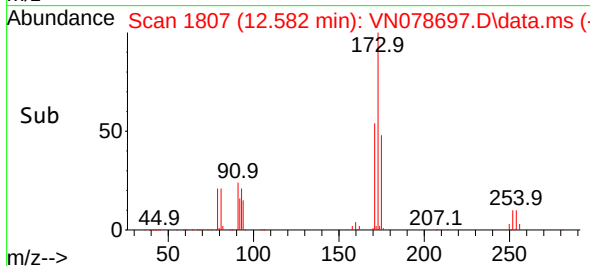
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

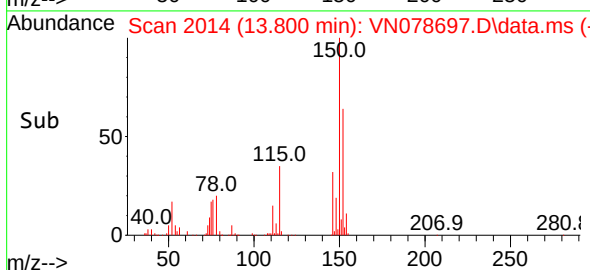
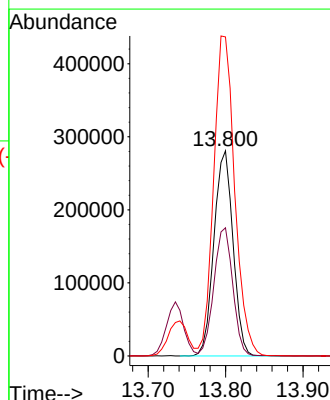
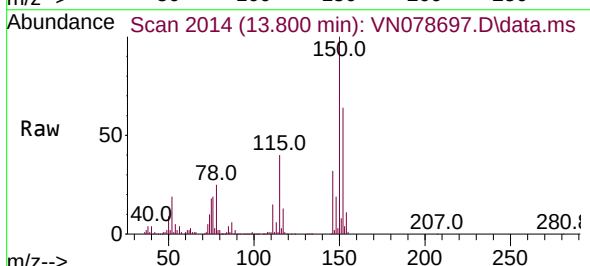
Tgt Ion:152 Resp: 479838

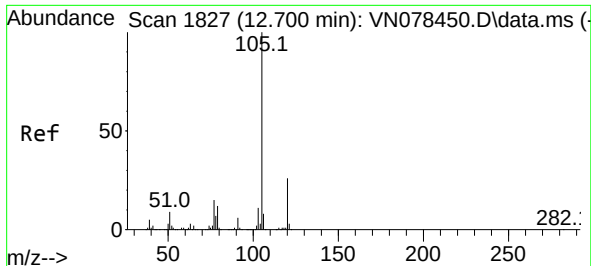
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

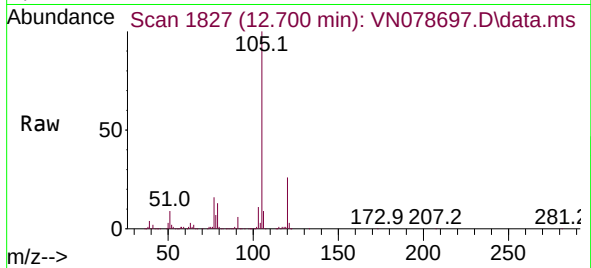
150 171.8 0.0 355.8





#73
Isopropylbenzene
Concen: 48.458 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

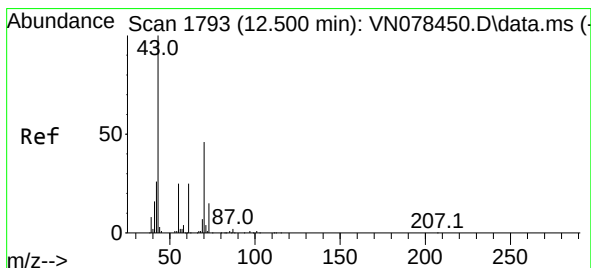
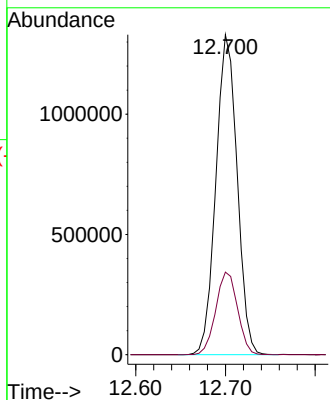
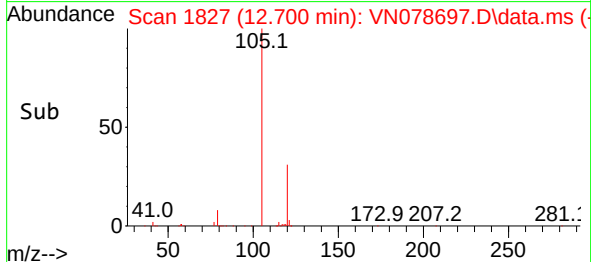
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 218484
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

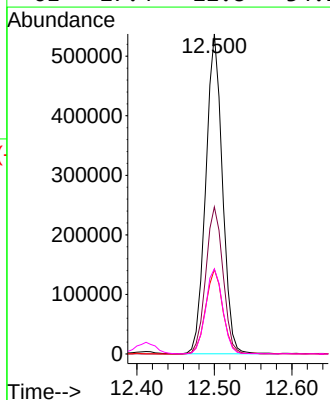
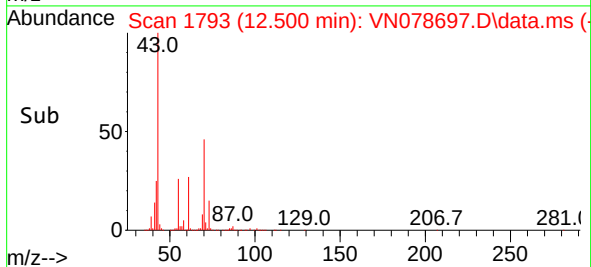
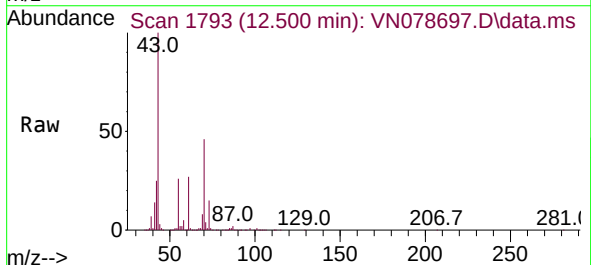
Manual Integrations
APPROVED

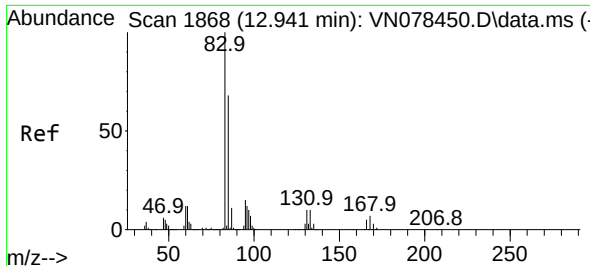
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
N-ethyl acetate
Concen: 51.567 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

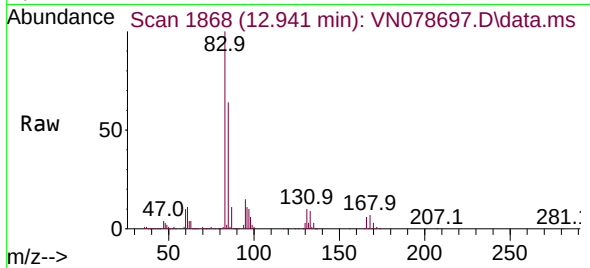
Tgt Ion: 43 Resp: 801247
Ion Ratio Lower Upper
43 100
70 47.6 43.4 65.2
55 27.3 21.4 32.0
61 27.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 58.358 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

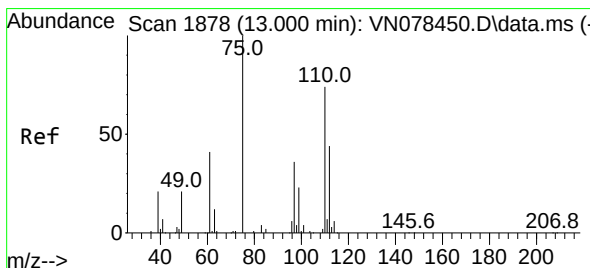
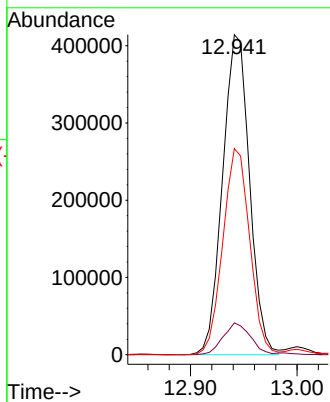
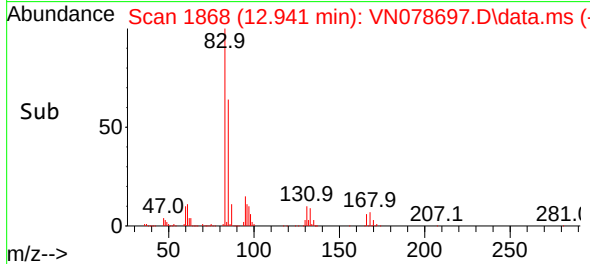
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 728389
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.3 31.9 95.7

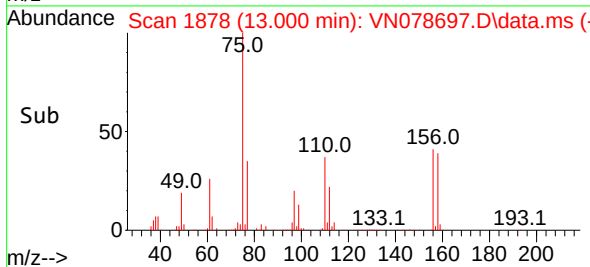
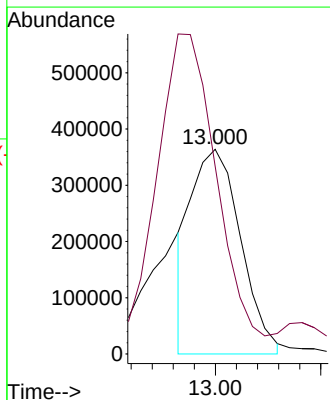
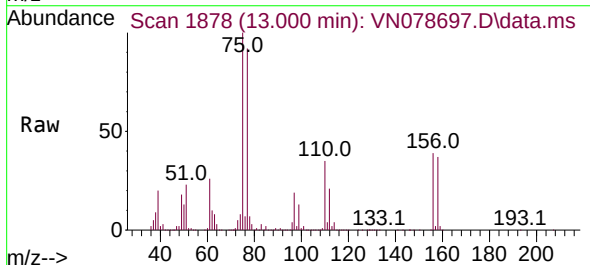
Manual Integrations
APPROVED

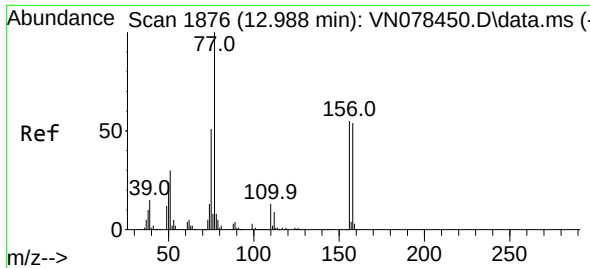
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
1,2,3-Trichloropropane
Concen: 51.318 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

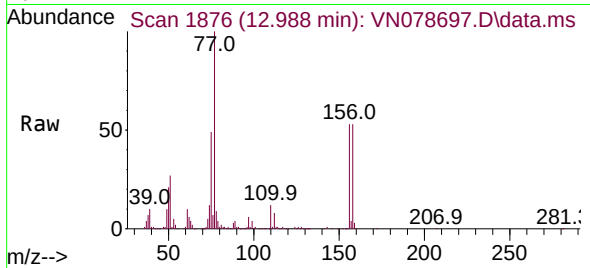
Tgt Ion: 75 Resp: 595195
Ion Ratio Lower Upper
75 100
77 192.4 84.5 253.5





#77
Bromobenzene
Concen: 53.358 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

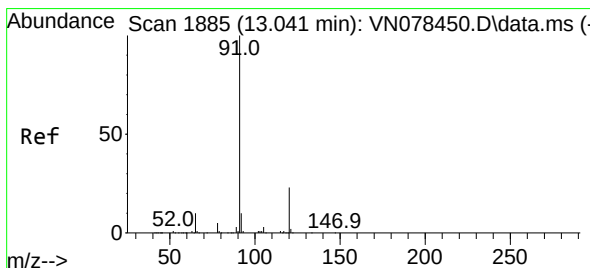
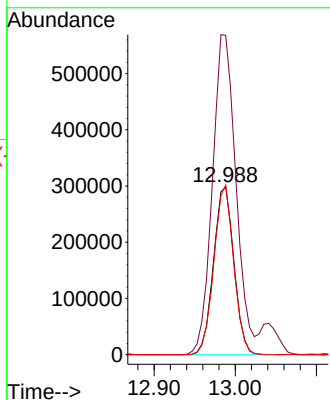
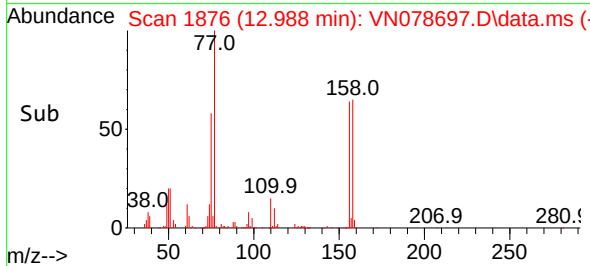
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



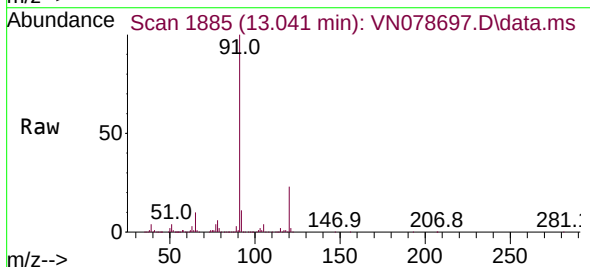
Tgt Ion:156 Resp: 522159
Ion Ratio Lower Upper
156 100
77 219.3 107.7 323.3
158 97.8 48.4 145.3

Manual Integrations
APPROVED

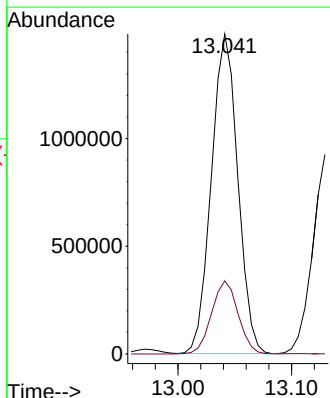
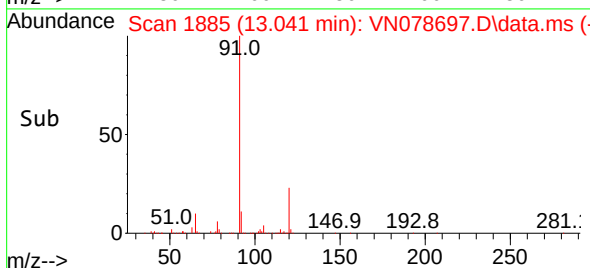
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

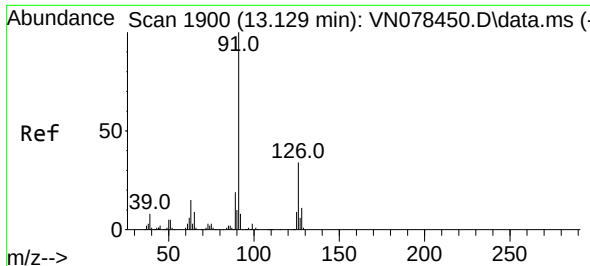


#78
n-propylbenzene
Concen: 49.718 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



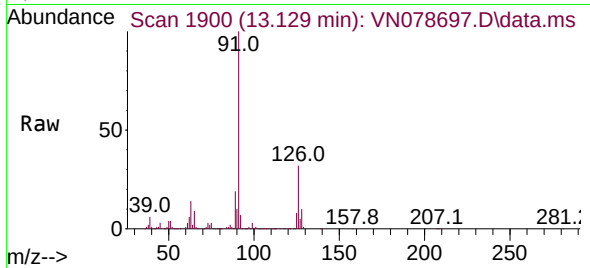
Tgt Ion: 91 Resp: 2397340
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.696 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

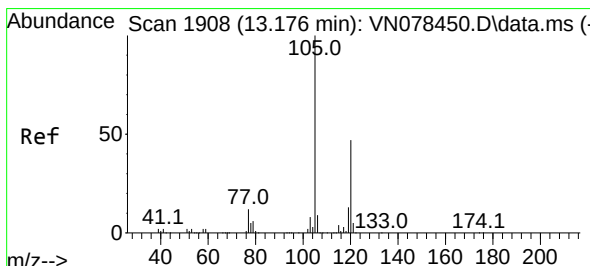
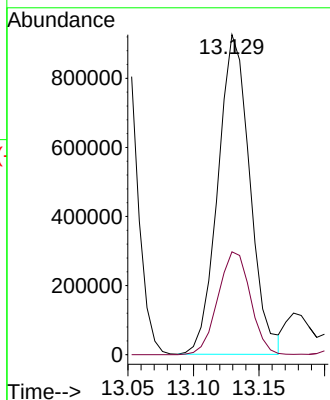
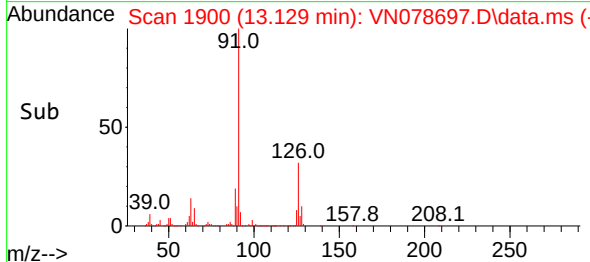
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



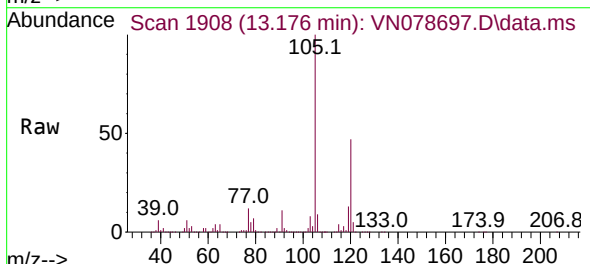
Tgt Ion: 91 Resp: 156958
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

Manual Integrations
APPROVED

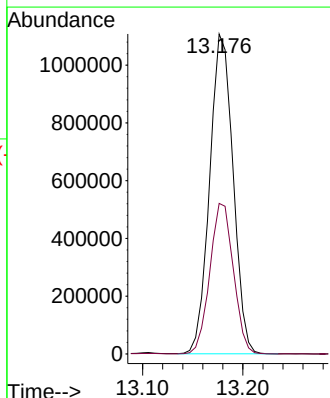
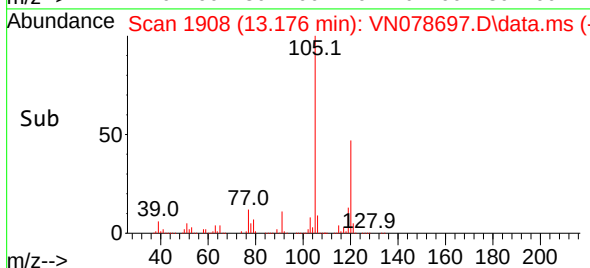
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

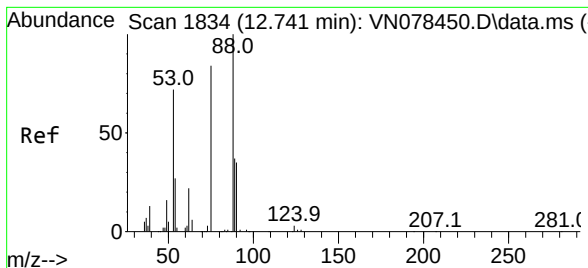


#80
1,3,5-Trimethylbenzene
Concen: 50.411 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



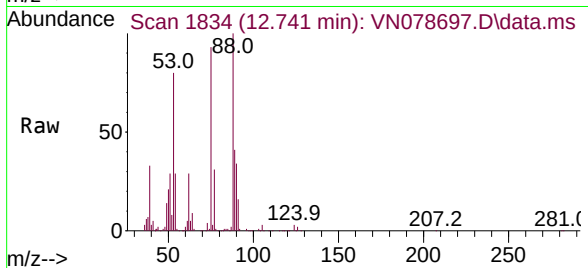
Tgt Ion:105 Resp: 1795872
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.683 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

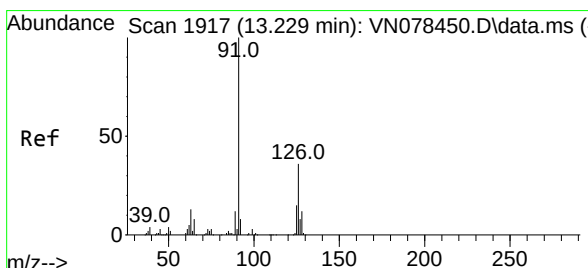
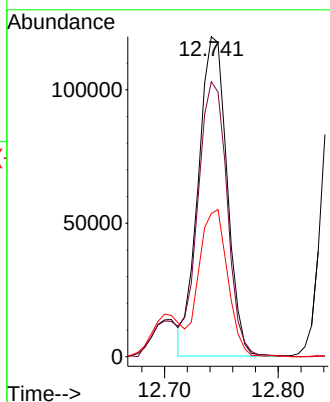
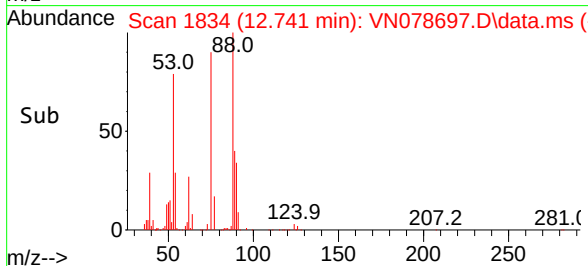
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 21045
Ion Ratio Lower Upper
75 100
53 98.6 67.4 101.2
89 45.4 38.8 58.2

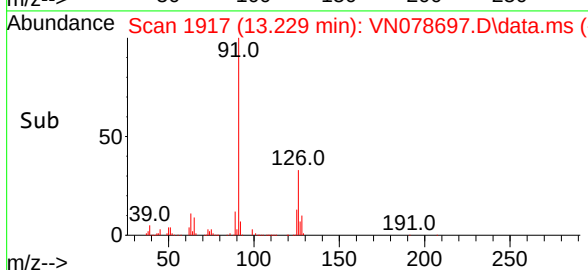
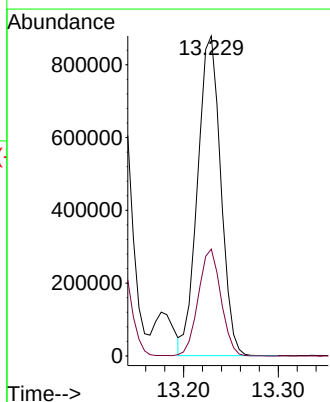
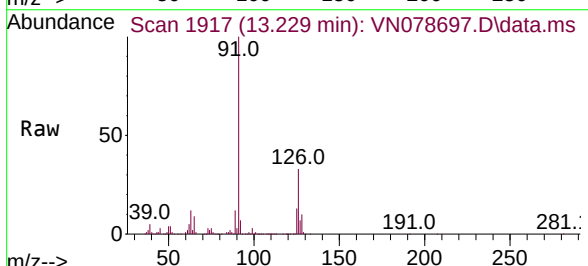
Manual Integrations
APPROVED

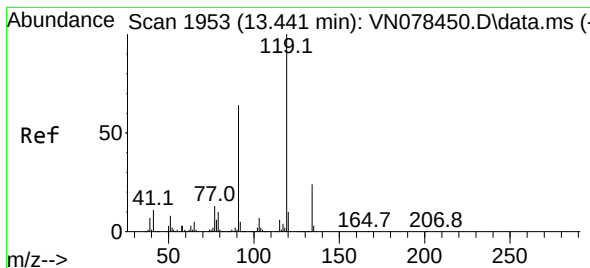
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 50.591 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

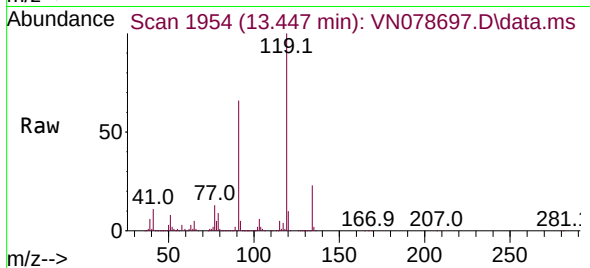
Tgt Ion: 91 Resp: 1490582
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.257 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

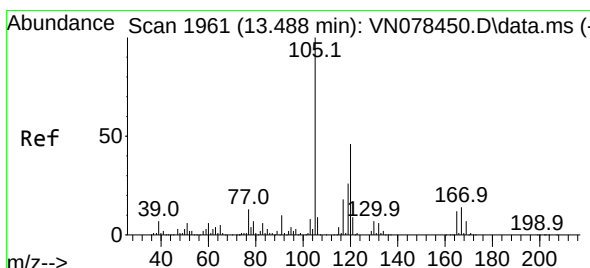
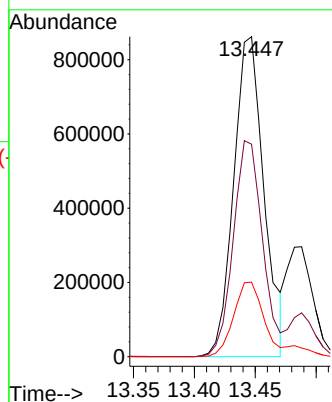
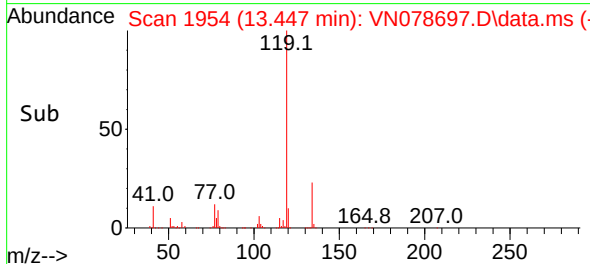
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



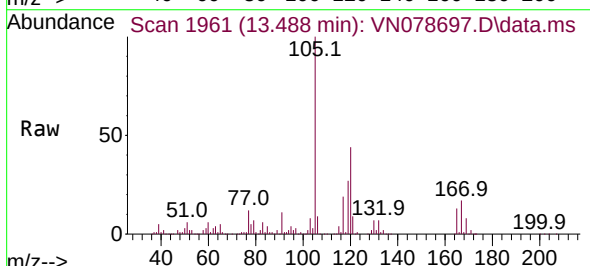
Tgt Ion:119 Resp: 1489810
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 25.6 13.2 39.6

Manual Integrations
APPROVED

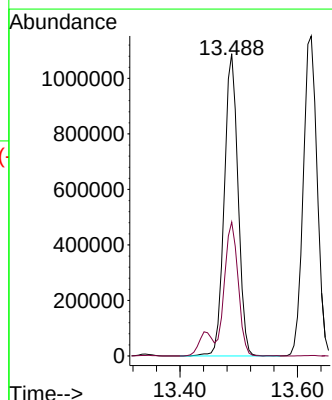
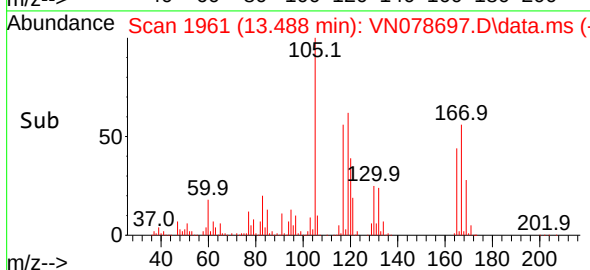
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

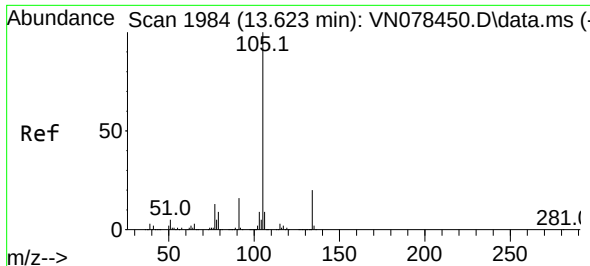


#84
1,2,4-Trimethylbenzene
Concen: 51.087 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



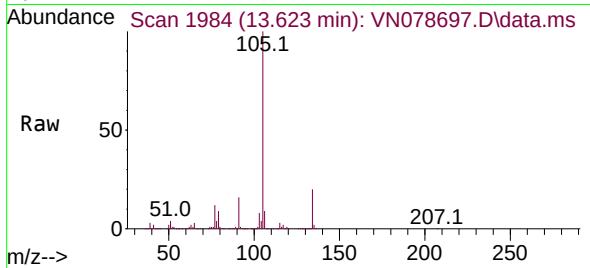
Tgt Ion:105 Resp: 1767774
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.451 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078697.D
 Acq: 28 Jul 2023 20:33

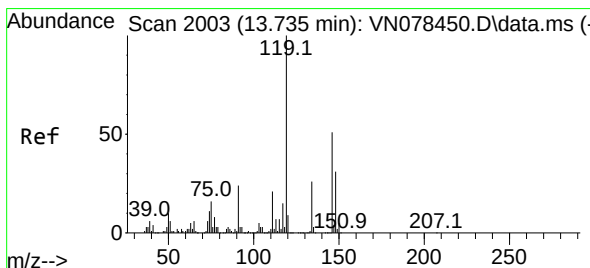
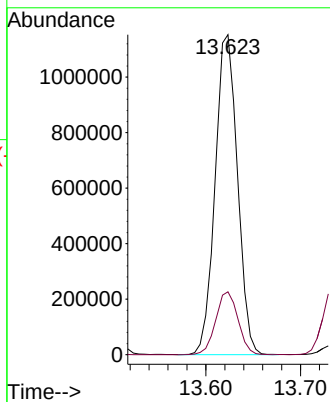
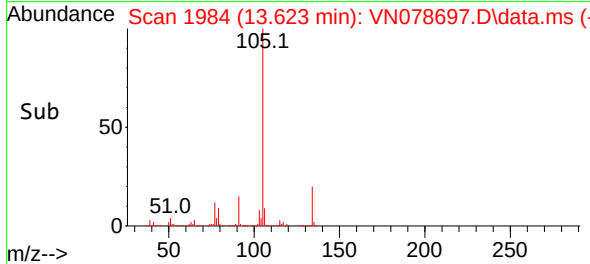
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



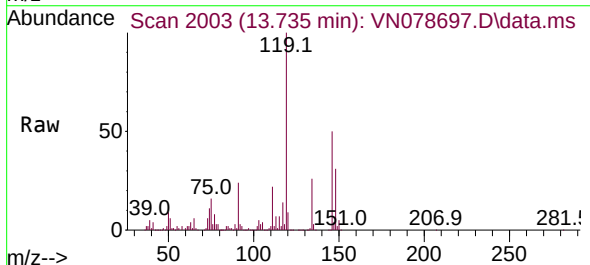
Tgt Ion:105 Resp: 1890510
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

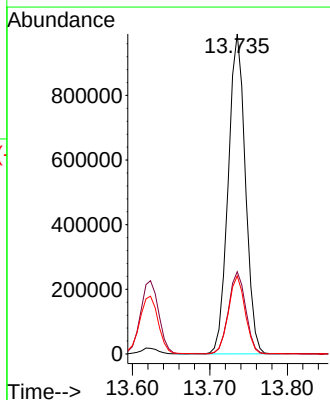
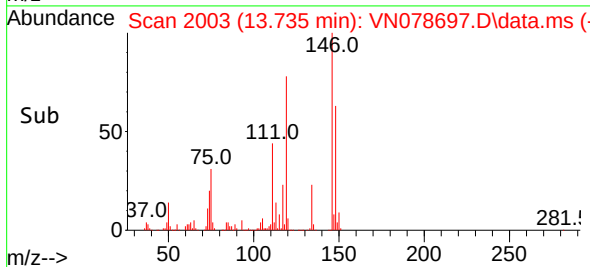
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

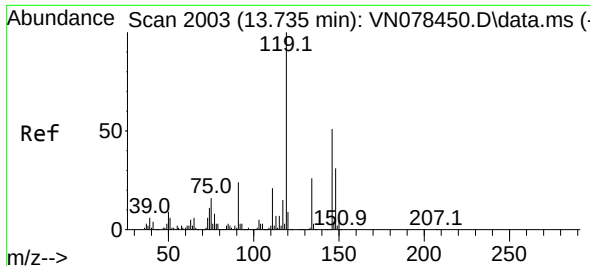


#86
 p-Isopropyltoluene
 Concen: 49.799 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078697.D
 Acq: 28 Jul 2023 20:33



Tgt Ion:119 Resp: 1528703
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.146 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078697.D

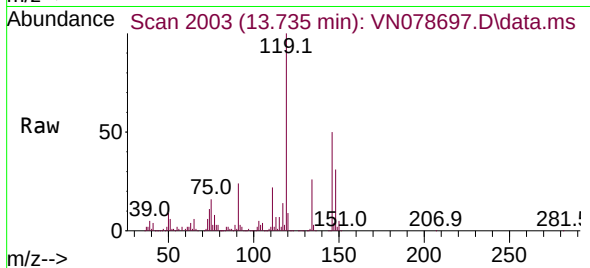
Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 850660

Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.3

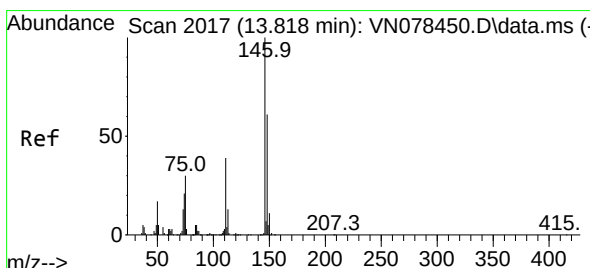
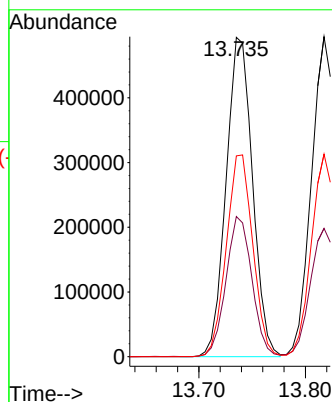
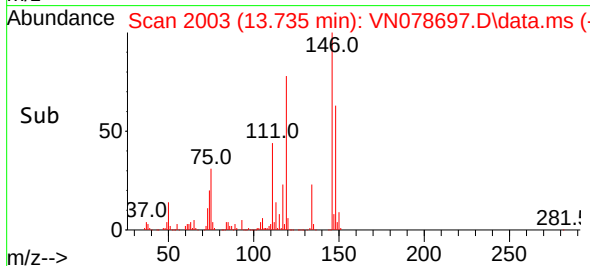
148 63.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#88

1,4-Dichlorobenzene

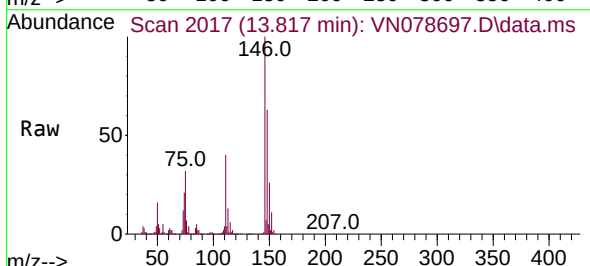
Concen: 47.152 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33



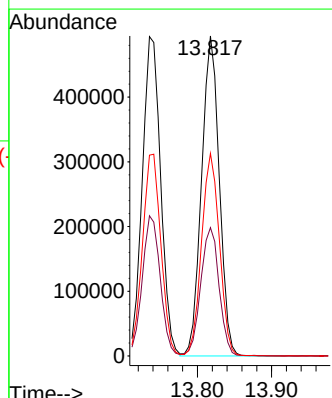
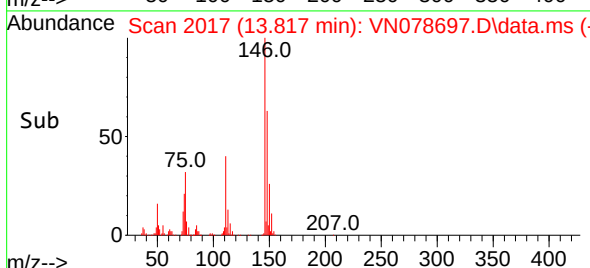
Tgt Ion:146 Resp: 822074

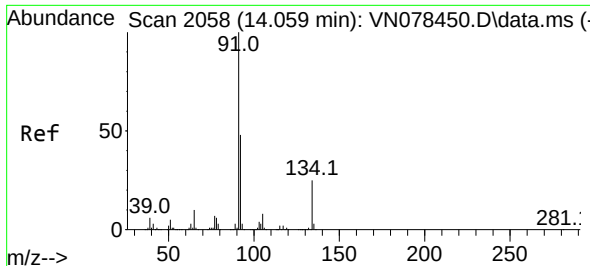
Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

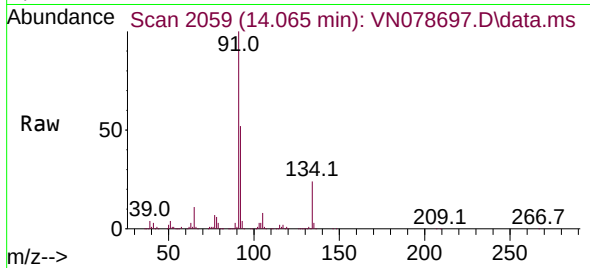
148 63.8 31.6 94.8





#89
n-Butylbenzene
Concen: 52.858 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

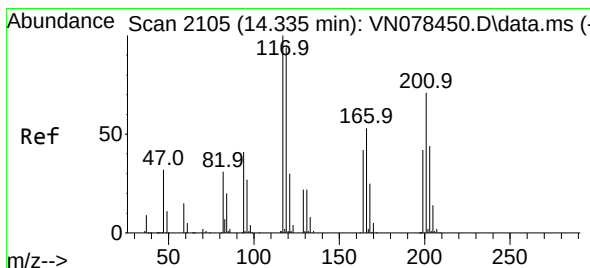
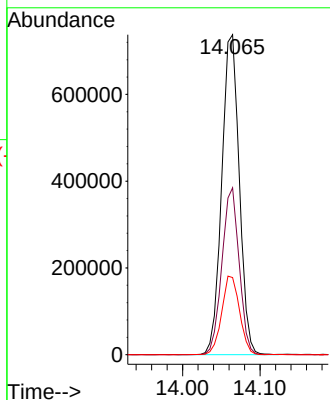
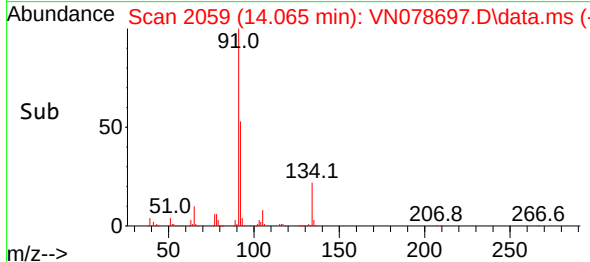
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 116099
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 25.0 12.6 37.6

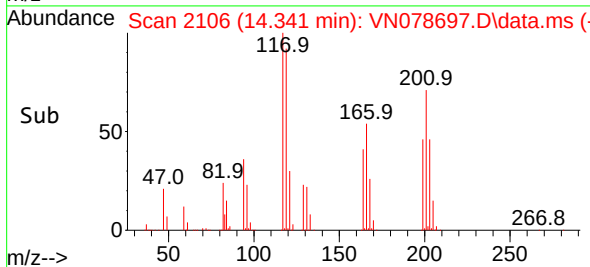
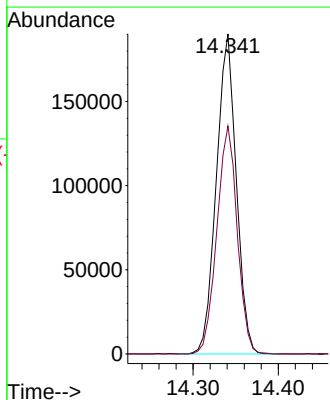
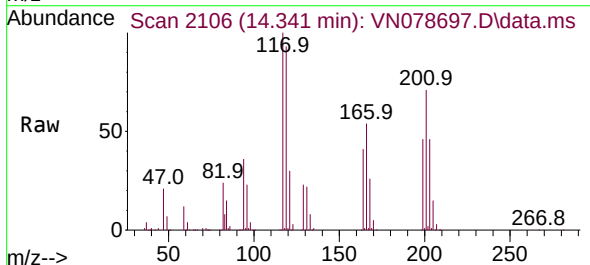
Manual Integrations
APPROVED

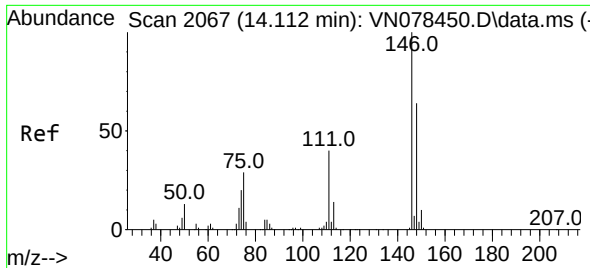
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
Hexachloroethane
Concen: 55.037 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

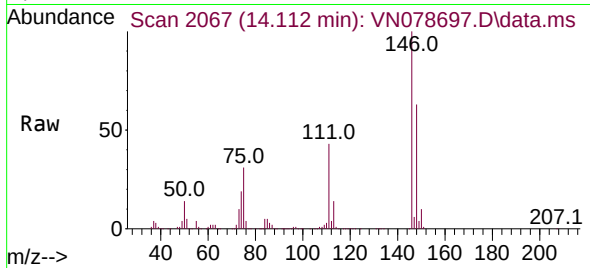
Tgt Ion:117 Resp: 310069
Ion Ratio Lower Upper
117 100
201 72.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.221 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

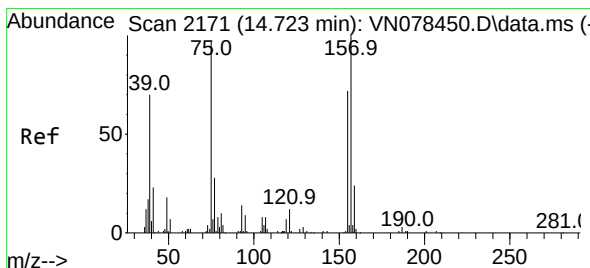
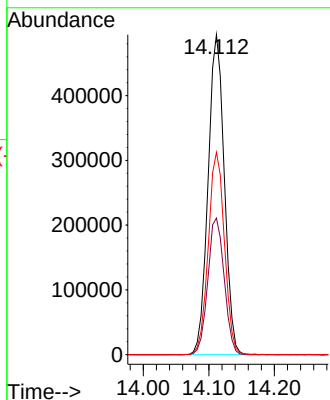
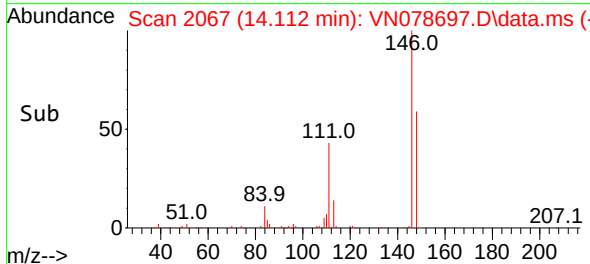
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



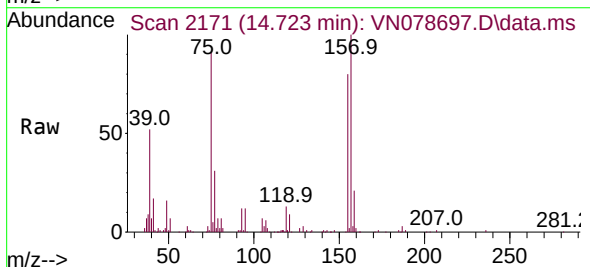
Tgt Ion:146 Resp: 847852
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
APPROVED

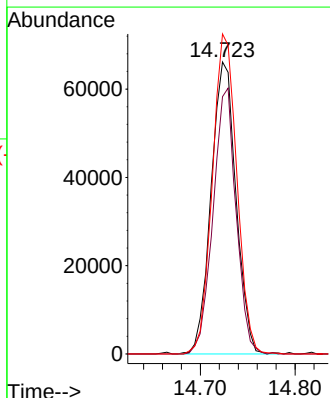
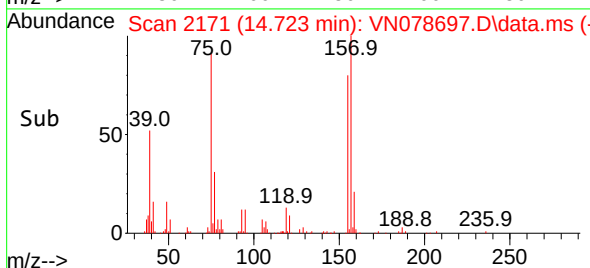
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

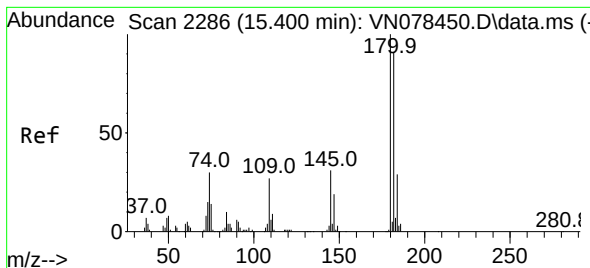


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.209 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33



Tgt Ion: 75 Resp: 120812
Ion Ratio Lower Upper
75 100
155 84.2 39.1 117.2
157 107.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.739 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078697.D

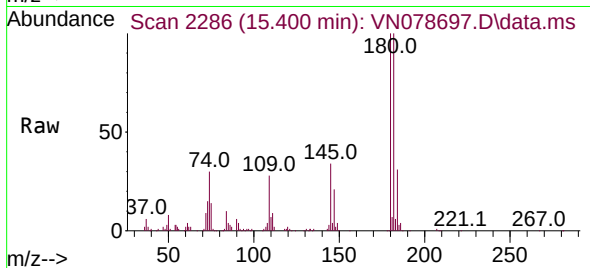
Acq: 28 Jul 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 267944

Ion Ratio Lower Upper

180 100

182 96.9 46.1 138.2

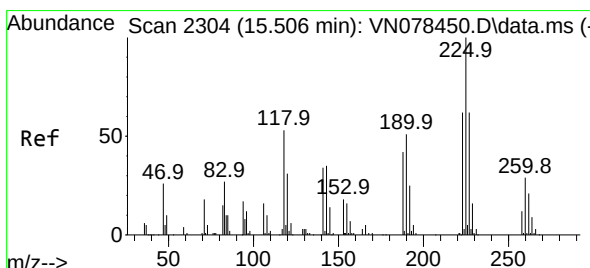
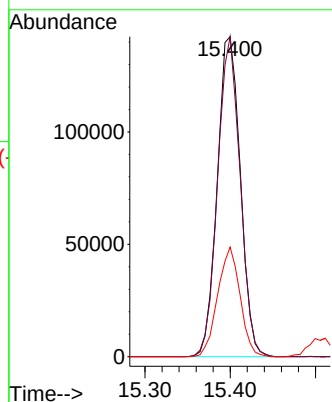
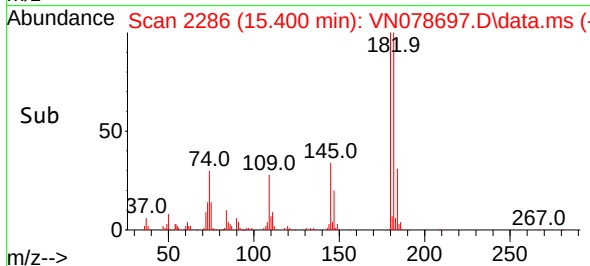
145 33.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#94

Hexachlorobutadiene

Concen: 60.315 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078697.D

Acq: 28 Jul 2023 20:33

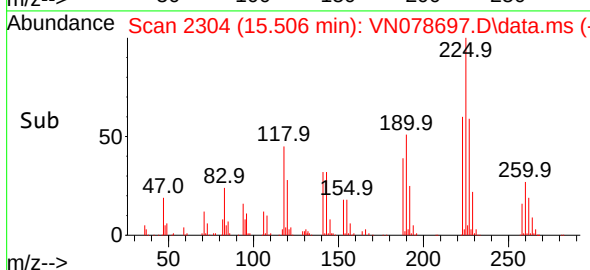
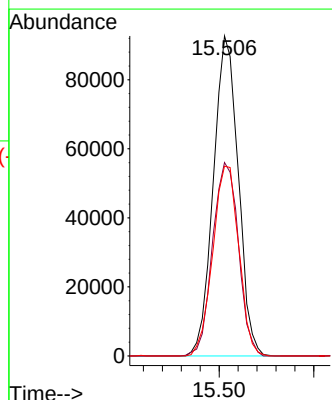
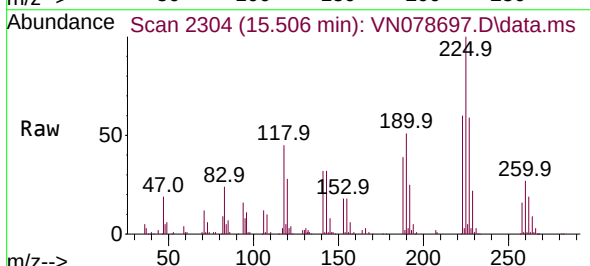
Tgt Ion:225 Resp: 169106

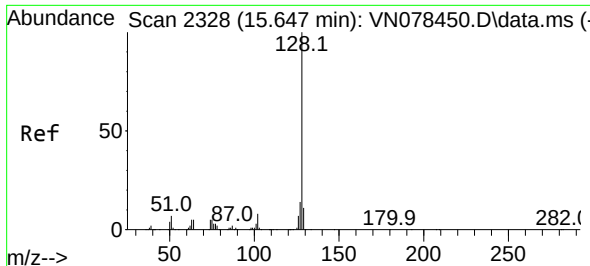
Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.8

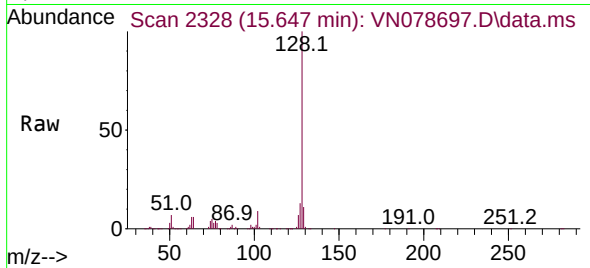
227 62.0 31.9 95.9





#95
Naphthalene
Concen: 43.729 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

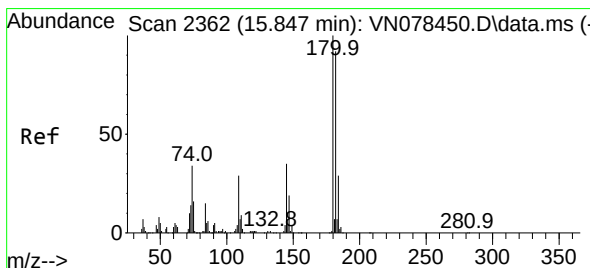
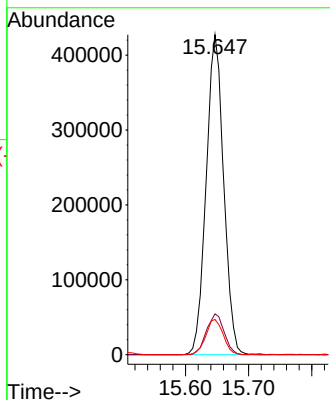
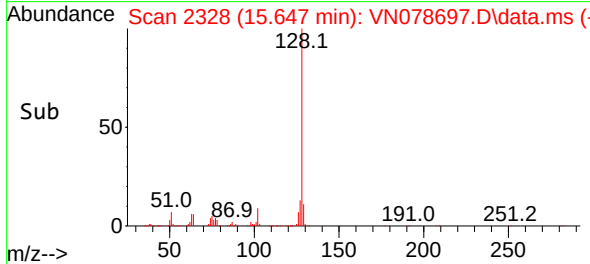
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 821855
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.439 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078697.D
Acq: 28 Jul 2023 20:33

Tgt Ion:180 Resp: 299877
Ion Ratio Lower Upper
180 100
182 96.0 46.2 138.6
145 34.1 17.5 52.6

