

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078220.D
 Acq On : 15 Jun 2023 11:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 06:02:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	408423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	721930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	639948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	249262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283462	52.054	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.100%			
35) Dibromofluoromethane	8.177	113	238310	52.208	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	10.571	98	904923	51.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.853	95	280680	51.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	185057	40.083	ug/l	100
3) Chloromethane	2.371	50	206762	47.514	ug/l	98
4) Vinyl Chloride	2.524	62	263296	43.552	ug/l	99
5) Bromomethane	2.959	94	197803	43.294	ug/l	97
6) Chloroethane	3.124	64	189851	46.067	ug/l	93
7) Trichlorofluoromethane	3.506	101	363125	44.294	ug/l	95
8) Diethyl Ether	3.971	74	129805	45.062	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	197288	45.599	ug/l	98
10) Methyl Iodide	4.600	142	280803	45.893	ug/l	98
11) Tert butyl alcohol	5.530	59	158128	210.300	ug/l	100
12) 1,1-Dichloroethene	4.347	96	193132	43.303	ug/l	89
13) Acrolein	4.189	56	165895	200.185	ug/l	96
14) Allyl chloride	5.036	41	284415	52.241	ug/l	94
15) Acrylonitrile	5.724	53	474804	244.927	ug/l	99
16) Acetone	4.436	43	354952	226.456	ug/l	92
17) Carbon Disulfide	4.718	76	474067	41.296	ug/l	99
18) Methyl Acetate	5.036	43	340710	47.213	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	681657	47.903	ug/l	98
20) Methylene Chloride	5.283	84	237613	45.875	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	216985	45.108	ug/l	93
22) Diisopropyl ether	6.677	45	654208	51.085	ug/l	95
23) Vinyl Acetate	6.612	43	1886062	247.755	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	419795	49.692	ug/l	95
25) 2-Butanone	7.494	43	580225	240.721	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	340121	54.526	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	263148	45.862	ug/l	92
28) Bromochloromethane	7.818	49	204960	52.841	ug/l	88
29) Tetrahydrofuran	7.847	42	389709	241.854	ug/l	85
30) Chloroform	7.971	83	458828	50.437	ug/l	91
31) Cyclohexane	8.259	56	307295	43.991	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	395792	49.558	ug/l	96
36) 1,1-Dichloropropene	8.382	75	322023	49.183	ug/l	97
37) Ethyl Acetate	7.571	43	252663	49.398	ug/l #	94
38) Carbon Tetrachloride	8.371	117	344207	49.788	ug/l	99
39) Methylcyclohexane	9.606	83	279569	41.202	ug/l	94
40) Benzene	8.612	78	971136	49.682	ug/l	99

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Quant Time: Jun 16 06:02:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	137695	49.666	ug/l	91
42) 1,2-Dichloroethane	8.677	62	350081	52.235	ug/l	97
43) Isopropyl Acetate	8.694	43	448207	45.820	ug/l	95
44) Trichloroethene	9.359	130	246517	47.755	ug/l	99
45) 1,2-Dichloropropane	9.629	63	252273	51.873	ug/l	100
46) Dibromomethane	9.718	93	176644	49.312	ug/l	96
47) Bromodichloromethane	9.894	83	363667	54.654	ug/l	96
48) Methyl methacrylate	9.688	41	202941	49.437	ug/l	92
49) 1,4-Dioxane	9.700	88	77762	901.279	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	1322243	256.692	ug/l	92
52) Toluene	10.635	92	616089	49.920	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	368321	53.151	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	402289	52.516	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	247102	52.928	ug/l	97
56) Ethyl methacrylate	10.876	69	352443	51.846	ug/l	90
57) 1,3-Dichloropropane	11.165	76	413825	52.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	685088	249.473	ug/l	92
59) 2-Hexanone	11.200	43	913370	254.658	ug/l	92
60) Dibromochloromethane	11.365	129	263628	51.604	ug/l	97
61) 1,2-Dibromoethane	11.476	107	245135	50.034	ug/l	98
64) Tetrachloroethene	11.112	164	205440	48.120	ug/l	97
65) Chlorobenzene	11.894	112	647054	47.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	258214	51.227	ug/l	98
67) Ethyl Benzene	11.970	91	1143256	48.346	ug/l	98
68) m/p-Xylenes	12.076	106	878268	97.454	ug/l	99
69) o-Xylene	12.406	106	427484	48.303	ug/l	96
70) Styrene	12.417	104	706147	50.683	ug/l	98
71) Bromoform	12.582	173	166972	51.329	ug/l #	98
73) Isopropylbenzene	12.700	105	1058298	44.898	ug/l	100
74) N-amyl acetate	12.500	43	354492	45.670	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	340408	52.637	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	304835m	51.731	ug/l	
77) Bromobenzene	12.988	156	246791	45.103	ug/l	99
78) n-propylbenzene	13.041	91	1194612	46.648	ug/l	100
79) 2-Chlorotoluene	13.129	91	737945	44.641	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	874710	45.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	98222	51.211	ug/l	93
82) 4-Chlorotoluene	13.223	91	723805	46.915	ug/l	100
83) tert-Butylbenzene	13.441	119	710030	42.802	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	865572	46.783	ug/l	99
85) sec-Butylbenzene	13.623	105	921420	42.438	ug/l	100
86) p-Isopropyltoluene	13.735	119	758268	43.036	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	416437	44.994	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	412584	46.197	ug/l	99
89) n-Butylbenzene	14.059	91	589089	42.388	ug/l	98
90) Hexachloroethane	14.341	117	138210	44.201	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	422901	46.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56076	48.030	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	138988	43.125	ug/l	98
94) Hexachlorobutadiene	15.506	225	65518	40.990	ug/l	98
95) Naphthalene	15.647	128	437235	40.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	151440	42.014	ug/l	100

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Instrument :
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VSTDCCC050

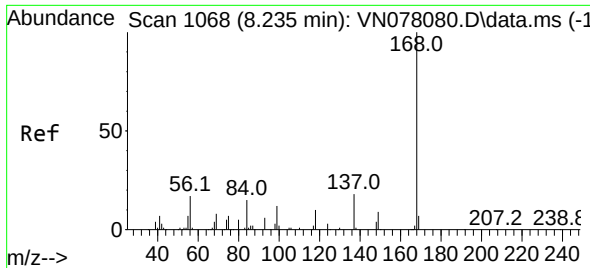
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 06/16/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



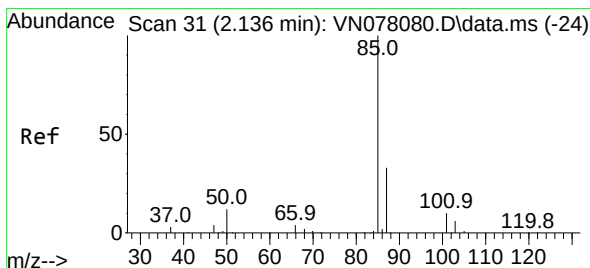
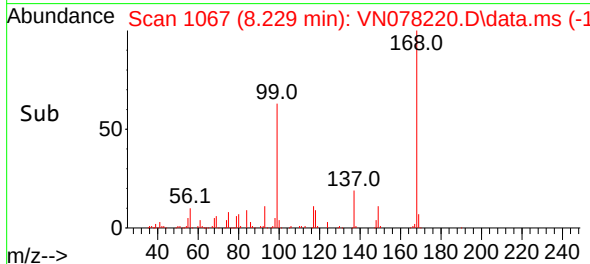
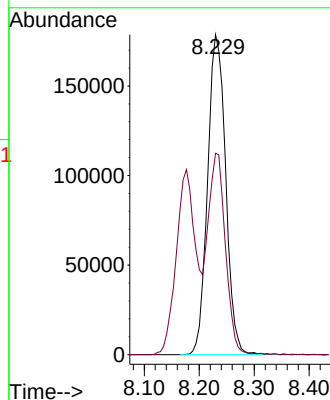
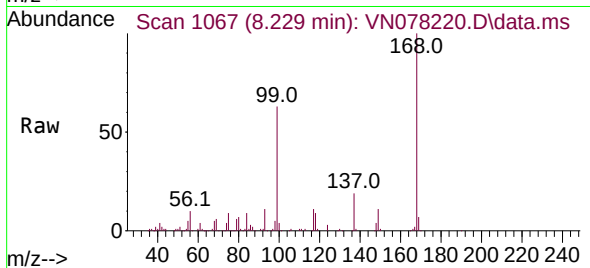
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 40842
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6

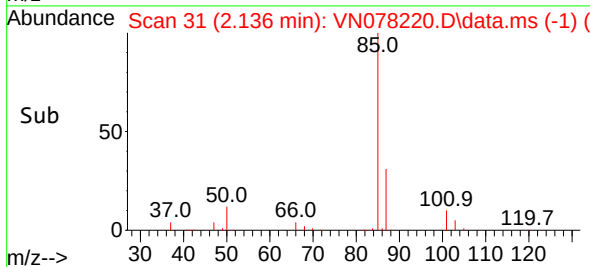
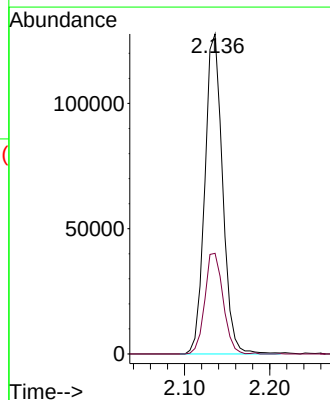
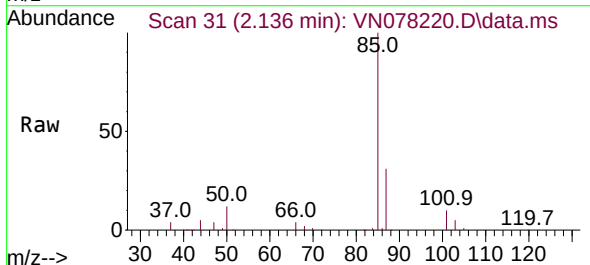
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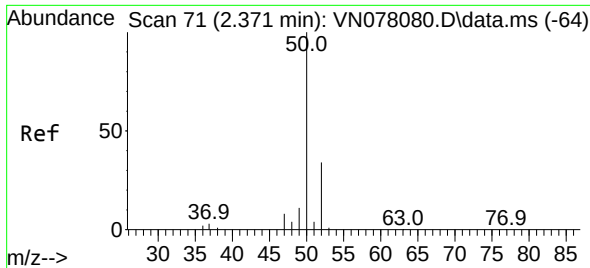
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#2
Dichlorodifluoromethane
Concen: 40.083 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

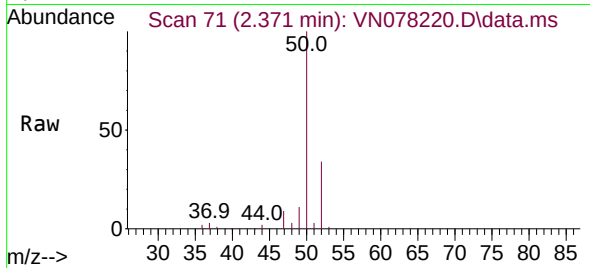
Tgt Ion: 85 Resp: 185057
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3
Chloromethane
Concen: 47.514 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

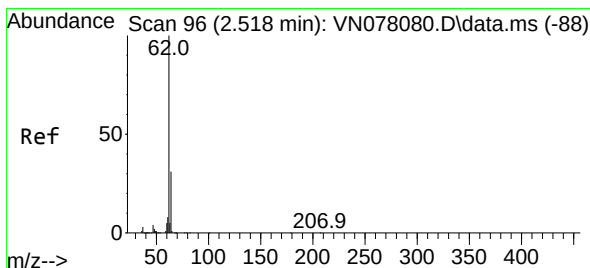
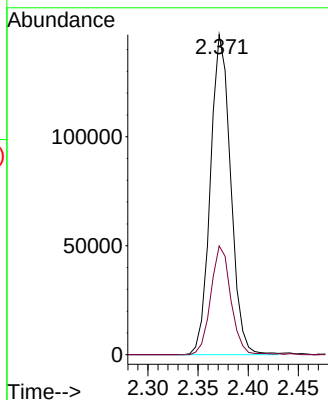
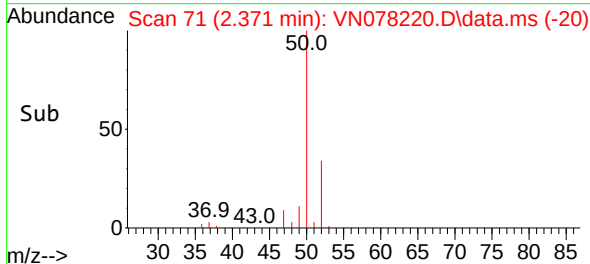
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 206762
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

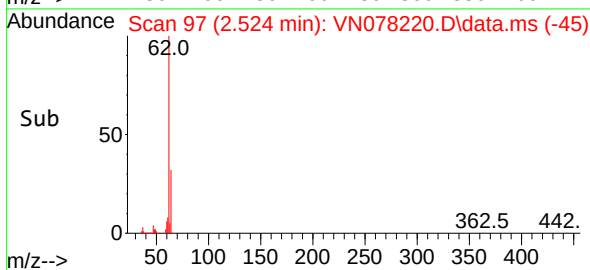
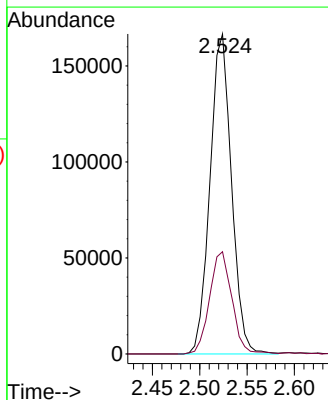
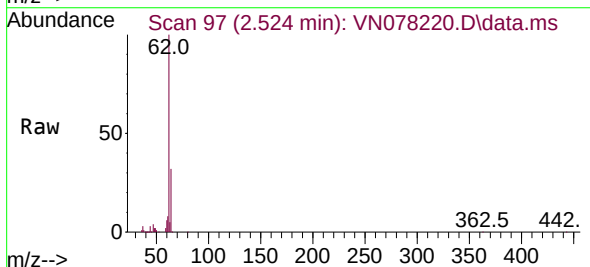
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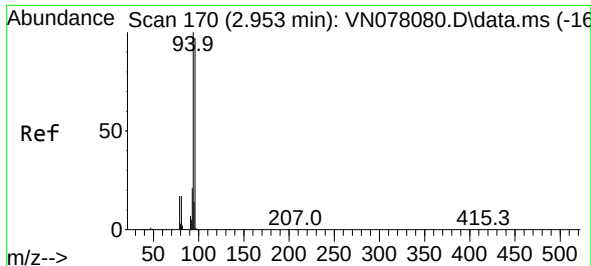
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#4
Vinyl Chloride
Concen: 43.552 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

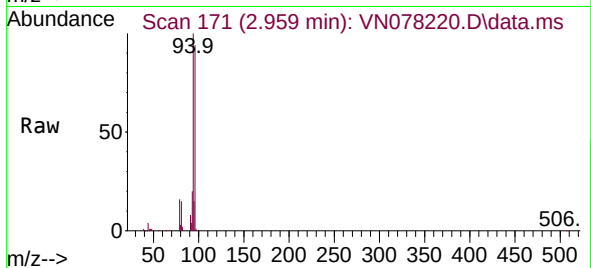
Tgt Ion: 62 Resp: 263296
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5
Bromomethane
Concen: 43.294 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

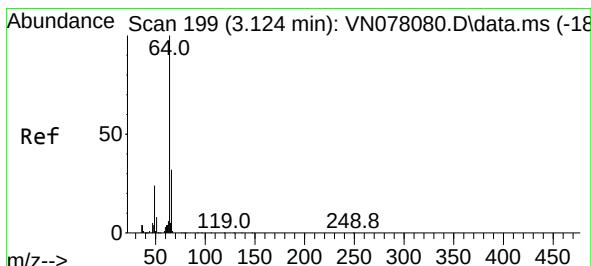
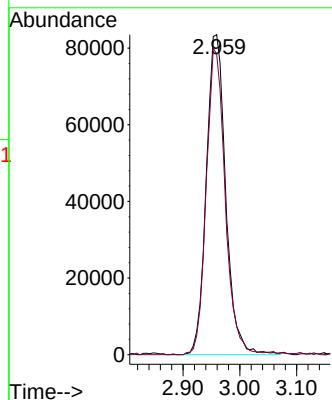
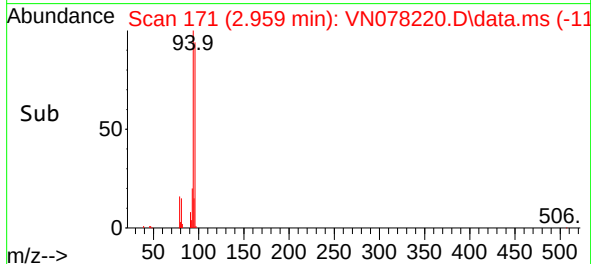
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 94 Resp: 19780
Ion Ratio Lower Upper
94 100
96 93.9 73.1 109.7

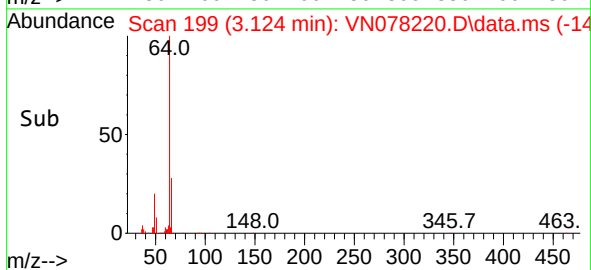
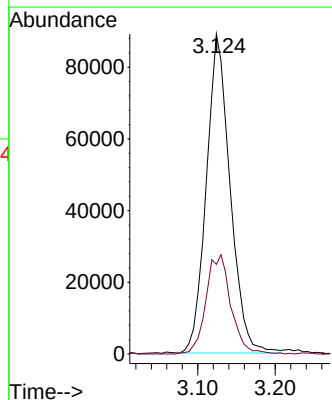
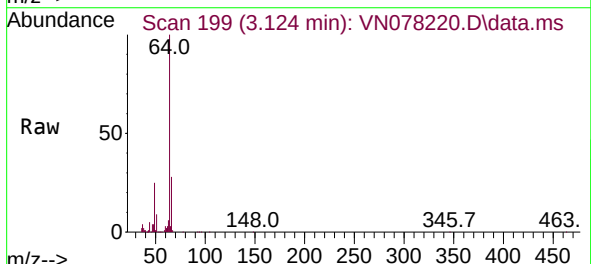
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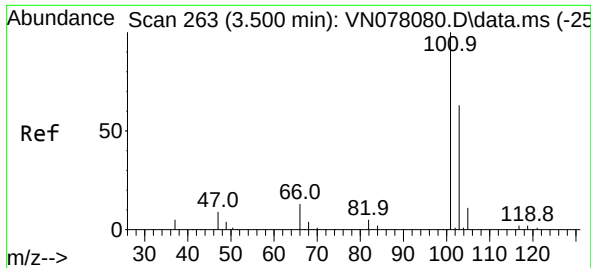
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#6
Chloroethane
Concen: 46.067 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

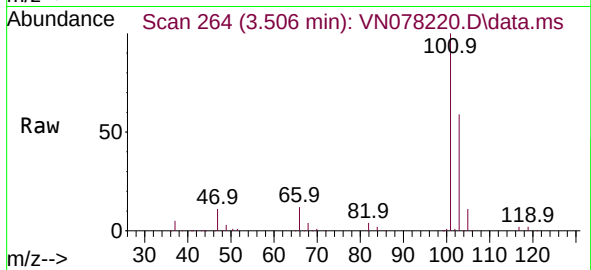
Tgt Ion: 64 Resp: 189851
Ion Ratio Lower Upper
64 100
66 27.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 44.294 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.006 min
 Lab File: VN078220.D
 Acq: 15 Jun 2023 11:33

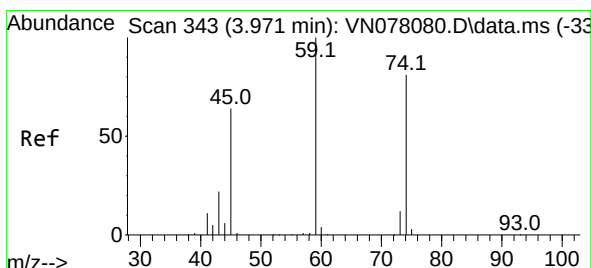
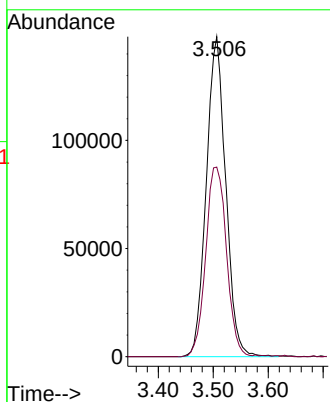
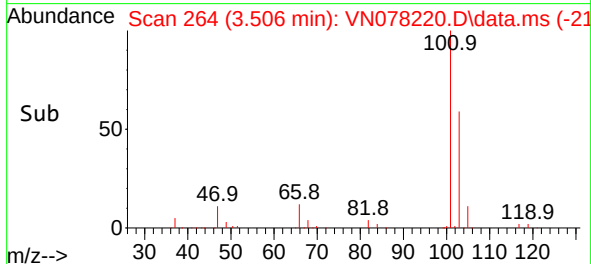
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 363125
 Ion Ratio Lower Upper
 101 100
 103 59.2 50.7 76.1

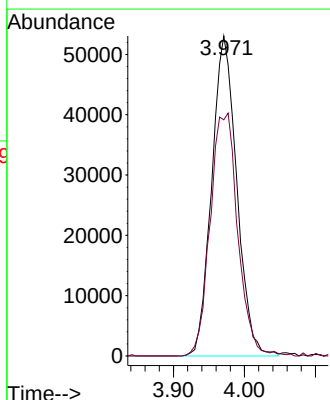
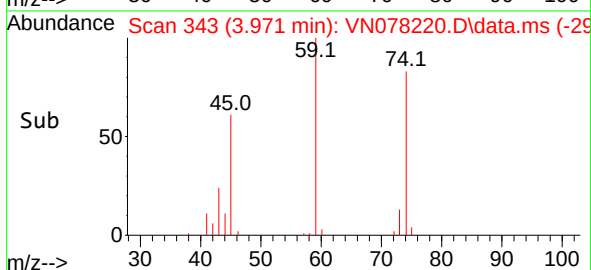
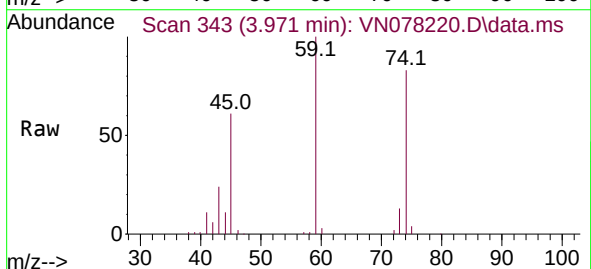
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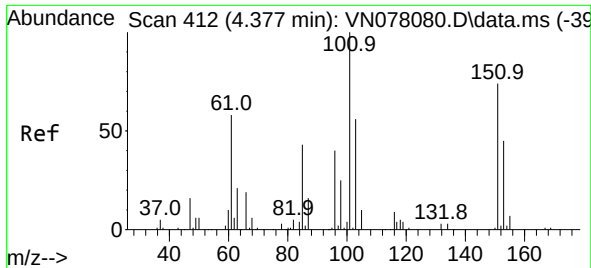
Reviewed By :John Carlone 06/16/2023
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#8
 Diethyl Ether
 Concen: 45.062 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078220.D
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Tgt Ion: 74 Resp: 129805
 Ion Ratio Lower Upper
 74 100
 45 83.4 34.4 103.3





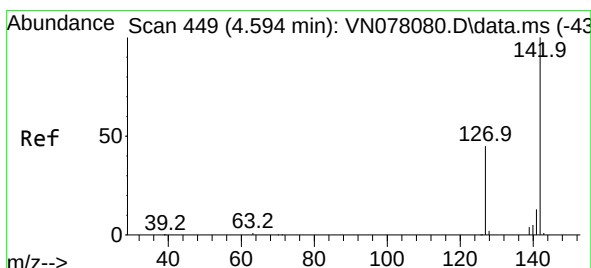
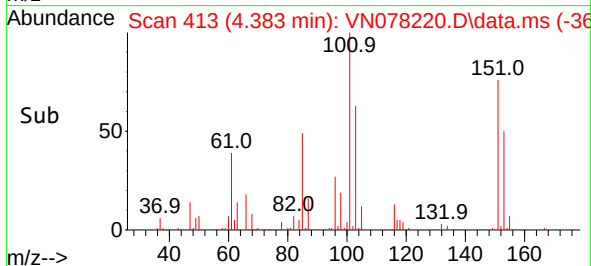
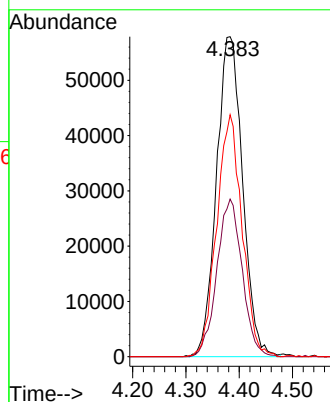
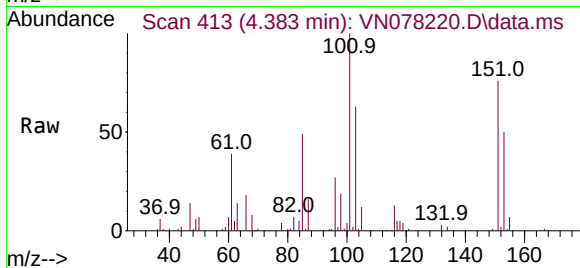
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.599 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 19728
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 73.2 57.6 86.4

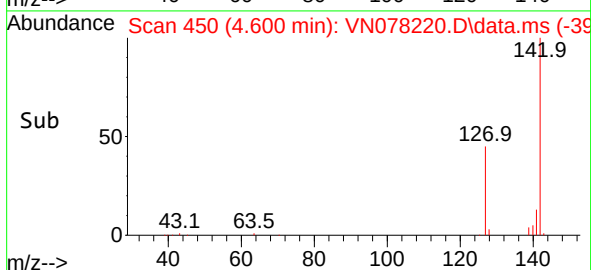
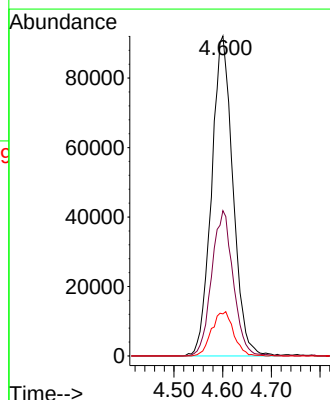
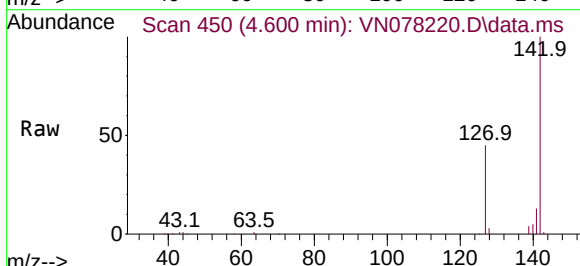
Manual Integrations
APPROVED

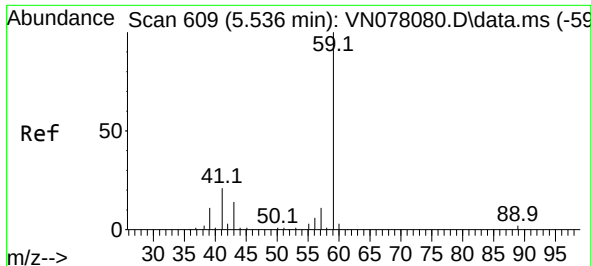
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#10
Methyl Iodide
Concen: 45.893 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

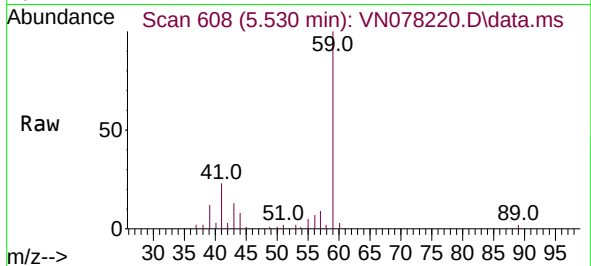
Tgt Ion:142 Resp: 280803
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 13.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 210.300 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

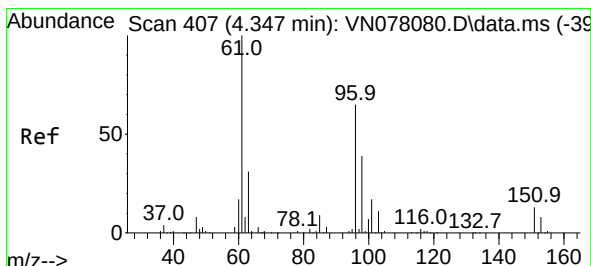
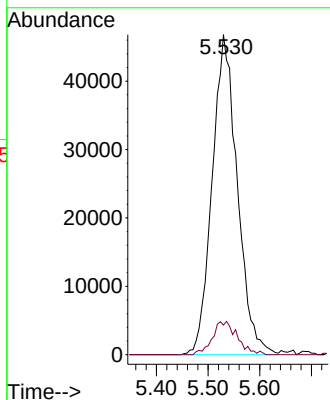
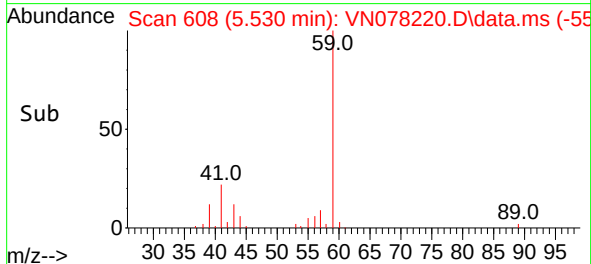
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



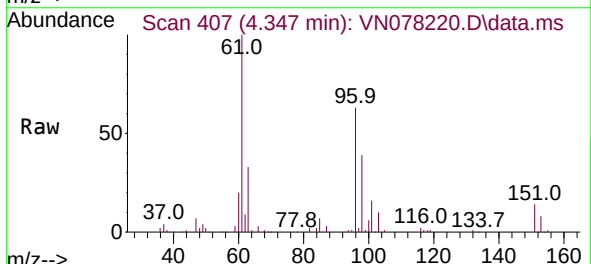
Tgt Ion: 59 Resp: 158128
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
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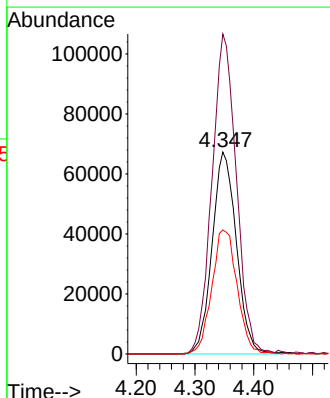
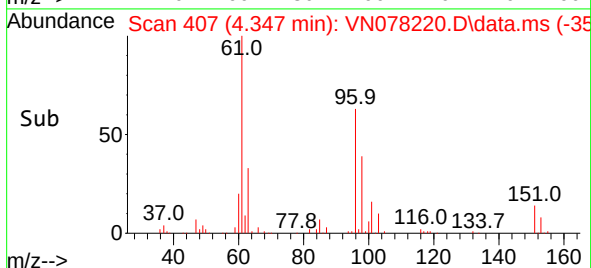
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

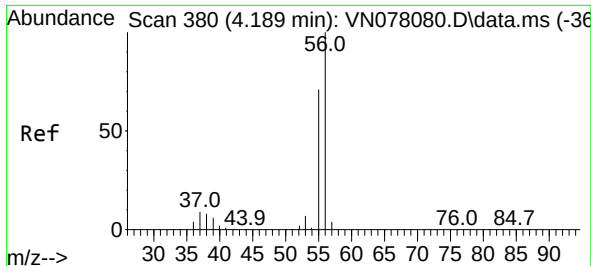


#12
1,1-Dichloroethene
Concen: 43.303 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



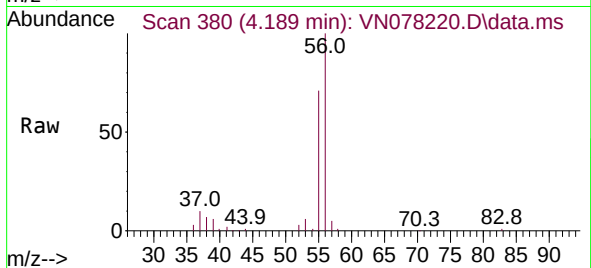
Tgt Ion: 96 Resp: 193132
Ion Ratio Lower Upper
96 100
61 158.5 112.7 169.1
98 61.4 51.2 76.8





#13
Acrolein
Concen: 200.185 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

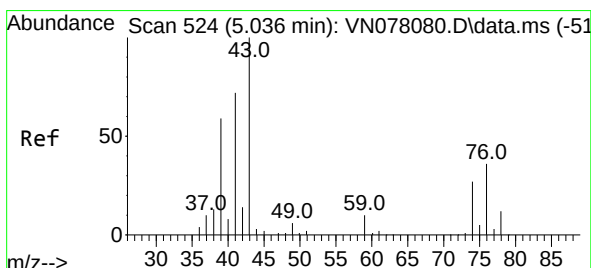
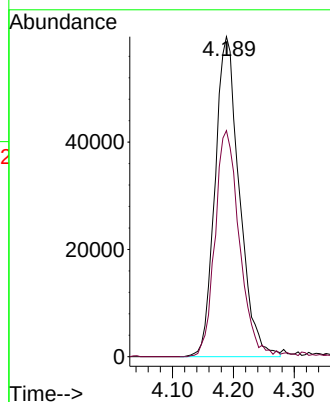
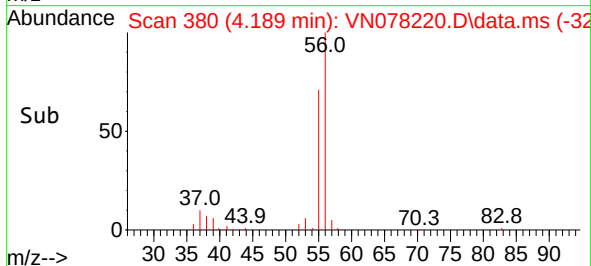
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



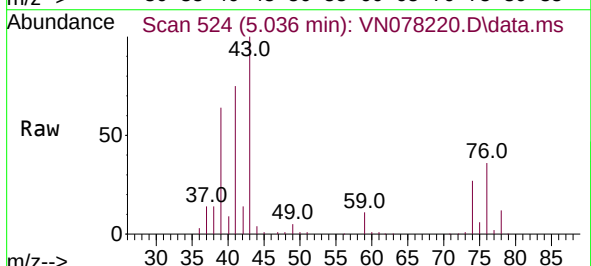
Tgt Ion: 56 Resp: 16589
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7

Manual Integrations
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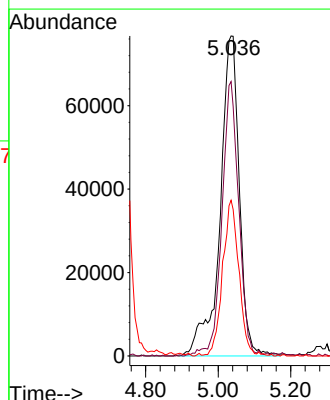
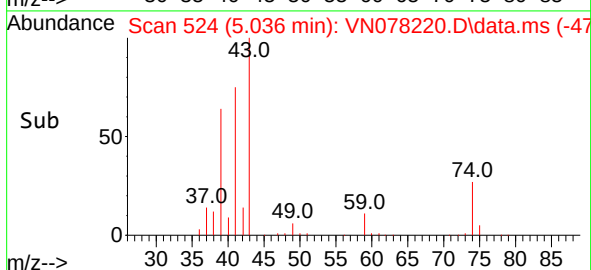
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

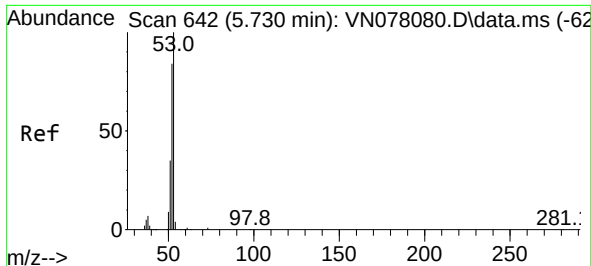


#14
Allyl chloride
Concen: 52.241 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



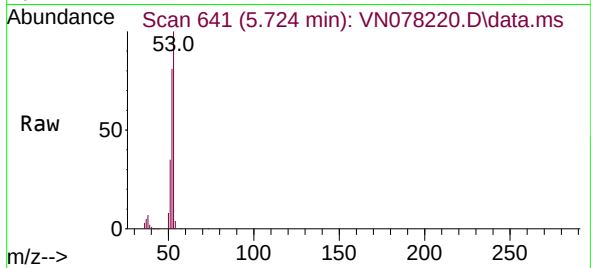
Tgt Ion: 41 Resp: 284415
Ion Ratio Lower Upper
41 100
39 74.4 58.8 88.2
76 40.1 39.1 58.7





#15
Acrylonitrile
Concen: 244.927 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

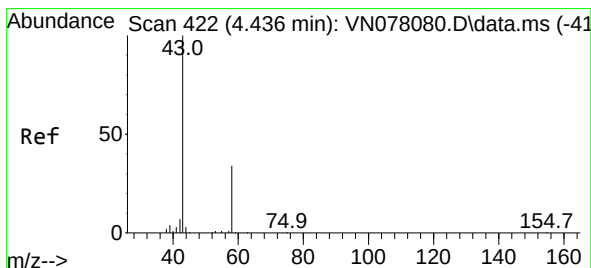
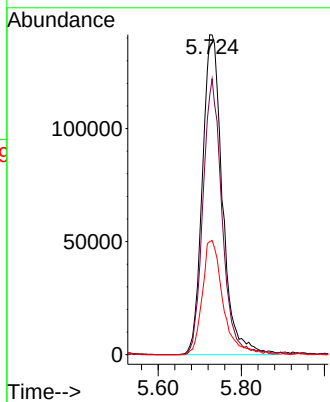
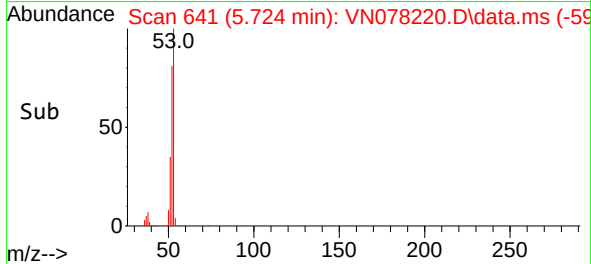
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 474804
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.6 28.9 43.3

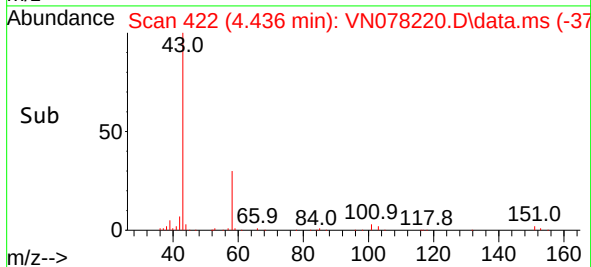
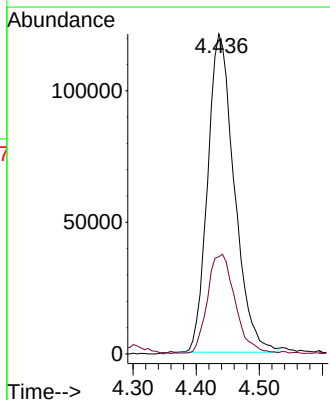
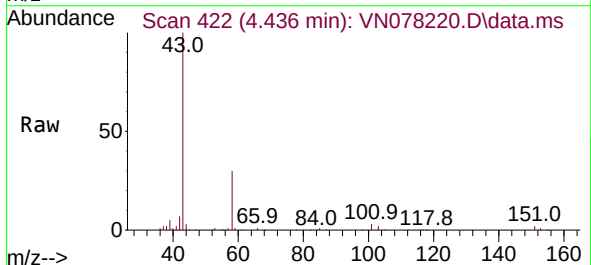
Manual Integrations
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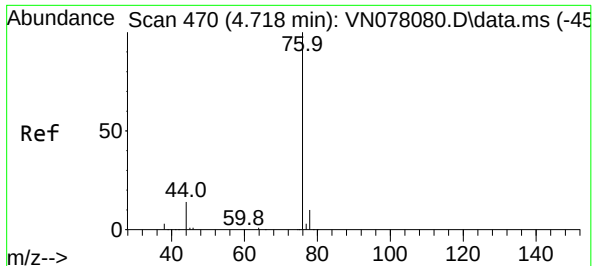
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#16
Acetone
Concen: 226.456 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 43 Resp: 354952
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0





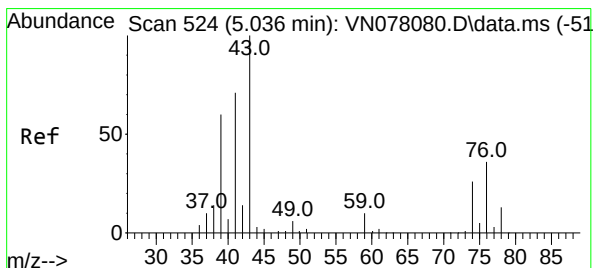
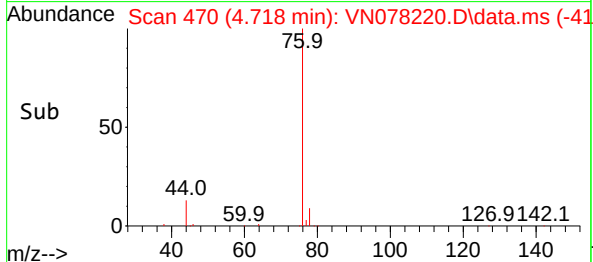
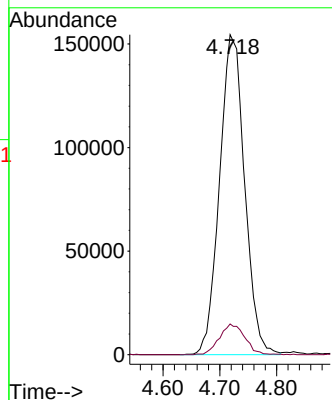
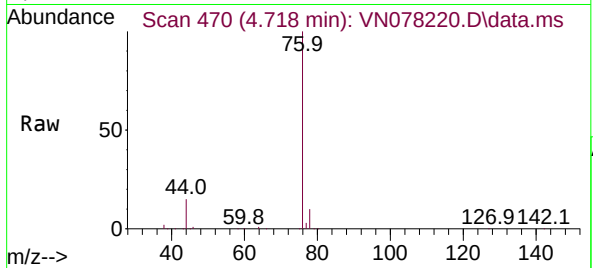
#17
Carbon Disulfide
Concen: 41.296 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 47406
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

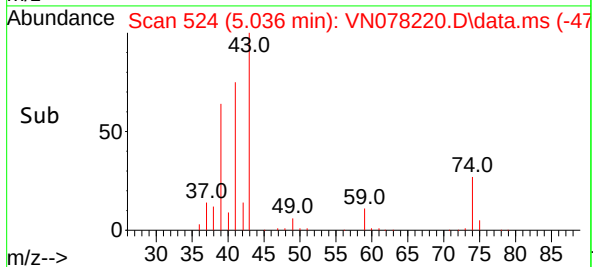
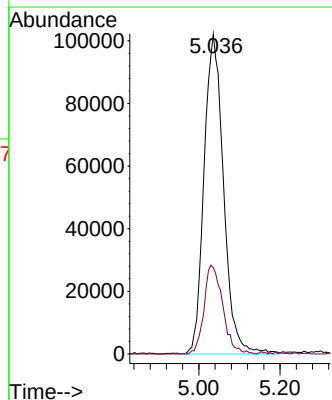
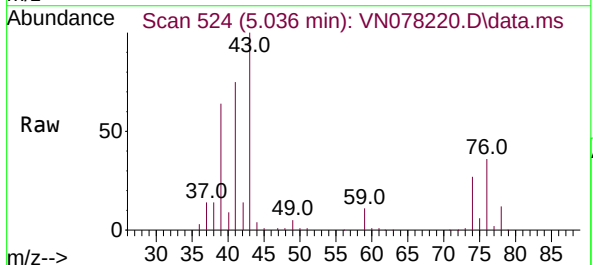
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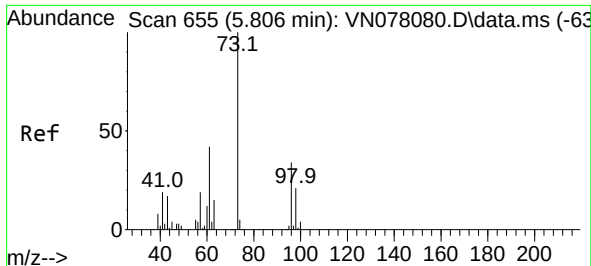
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#18
Methyl Acetate
Concen: 47.213 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 43 Resp: 340710
Ion Ratio Lower Upper
43 100
74 26.5 26.2 39.4





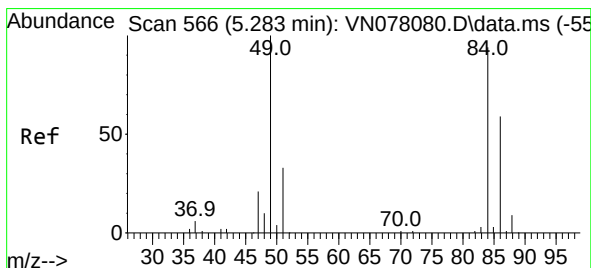
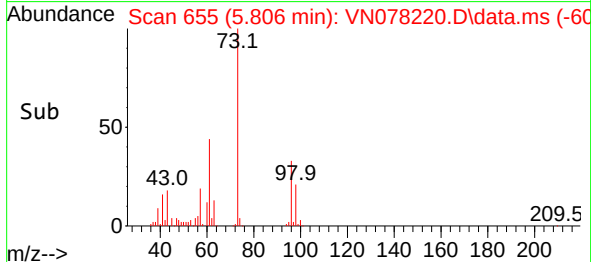
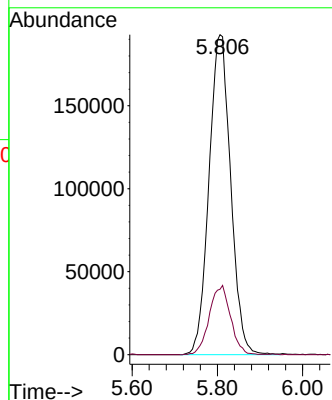
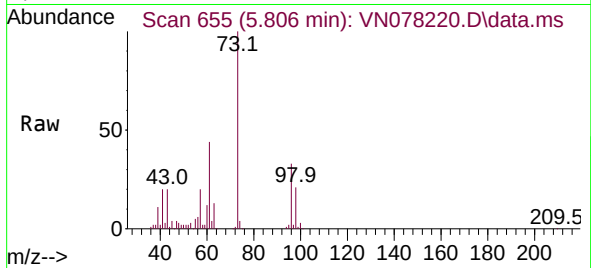
#19
Methyl tert-butyl Ether
Concen: 47.903 ug/l
RT: 5.806 min Scan# 615
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 68165
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4

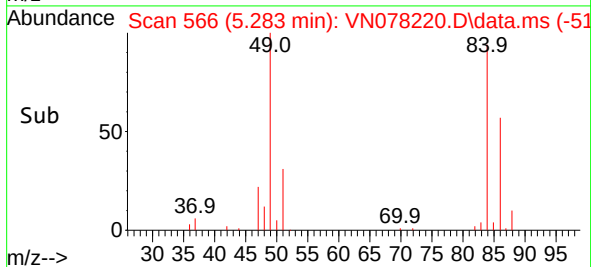
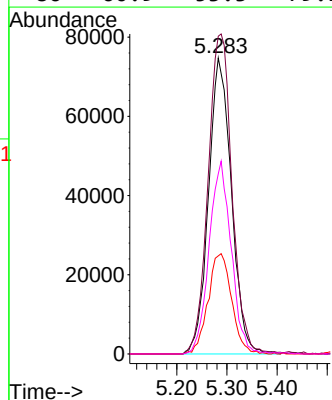
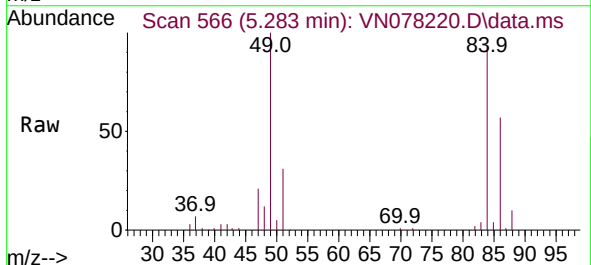
Manual Integrations
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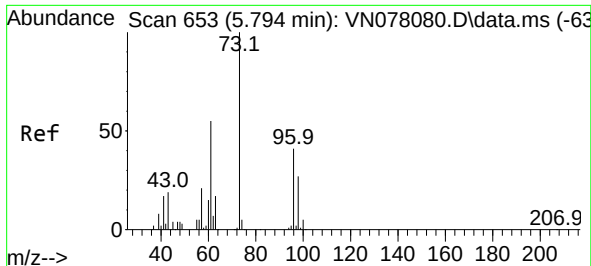
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#20
Methylene Chloride
Concen: 45.875 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

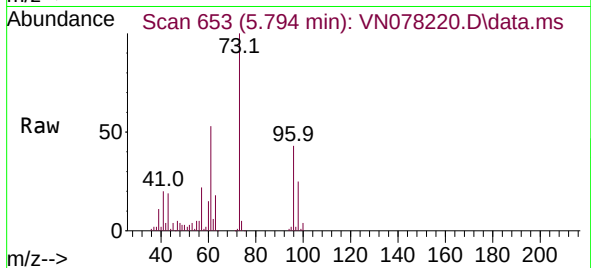
Tgt Ion: 84 Resp: 237613
Ion Ratio Lower Upper
84 100
49 107.4 79.7 119.5
51 33.1 25.2 37.8
86 60.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.108 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

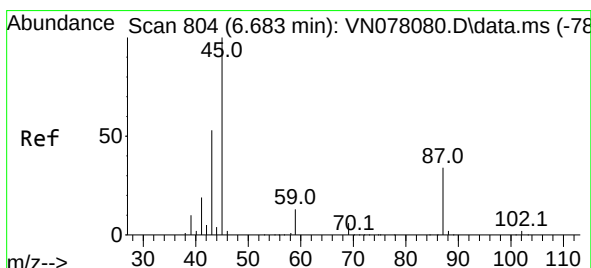
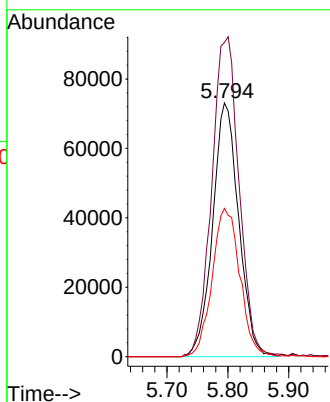
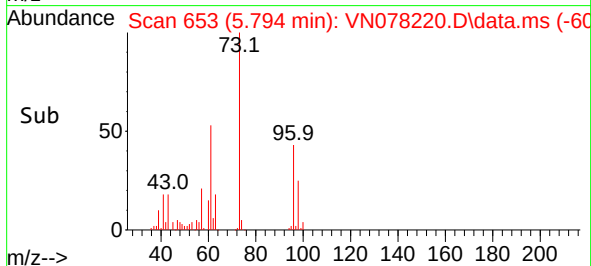
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



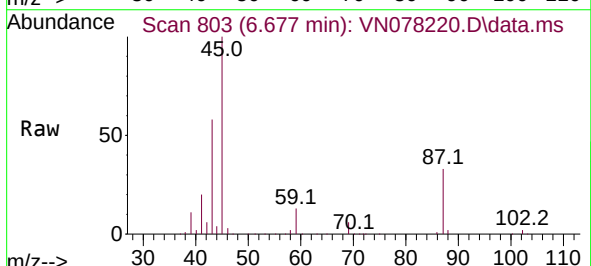
Tgt Ion: 96 Resp: 21698
Ion Ratio Lower Upper
96 100
61 123.8 90.1 135.1
98 58.4 46.4 69.6

Manual Integrations
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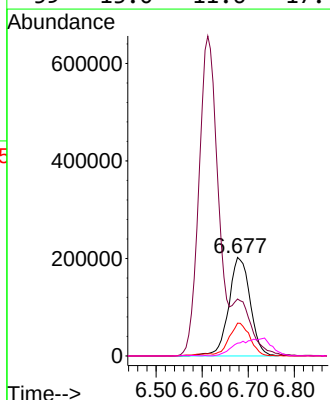
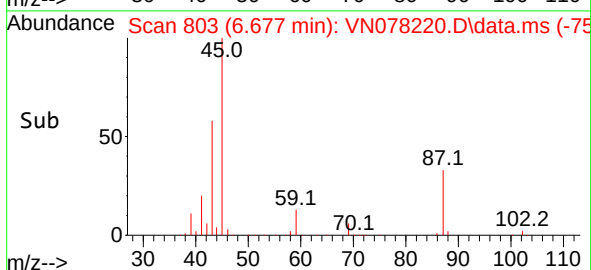
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

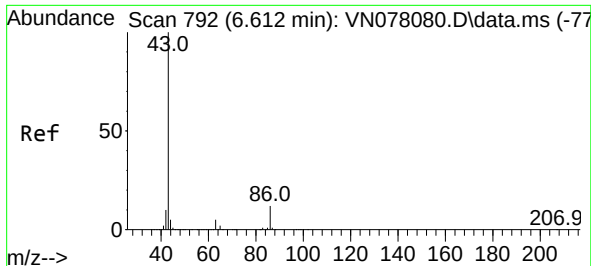


#22
Diisopropyl ether
Concen: 51.085 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



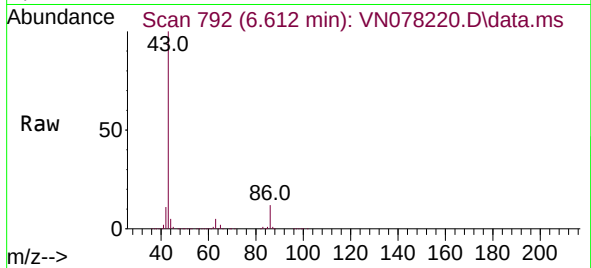
Tgt Ion: 45 Resp: 654208
Ion Ratio Lower Upper
45 100
43 57.4 45.5 68.3
87 33.2 31.8 47.8
59 13.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 247.755 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078220.D
 Acq: 15 Jun 2023 11:33

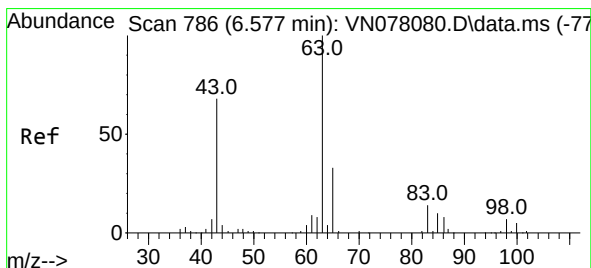
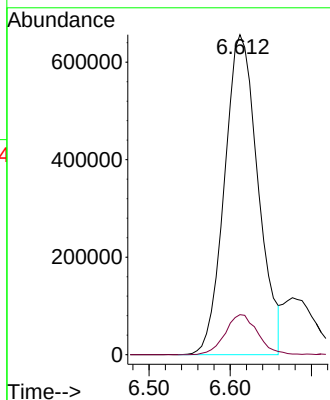
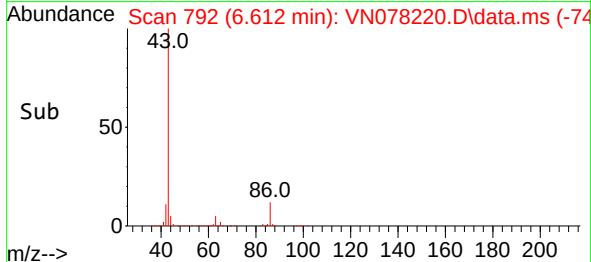
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



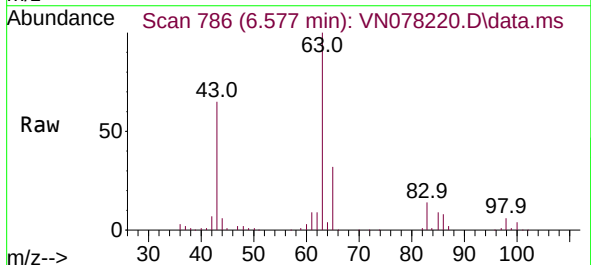
Tgt Ion: 43 Resp: 188606
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

Manual Integrations
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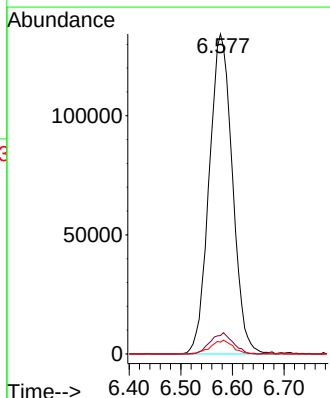
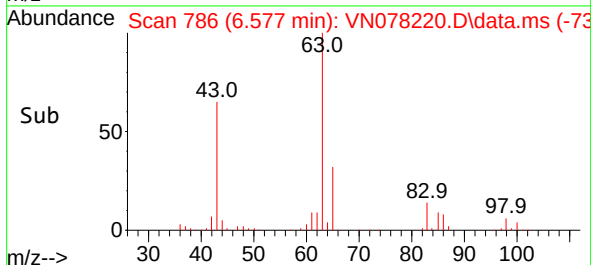
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

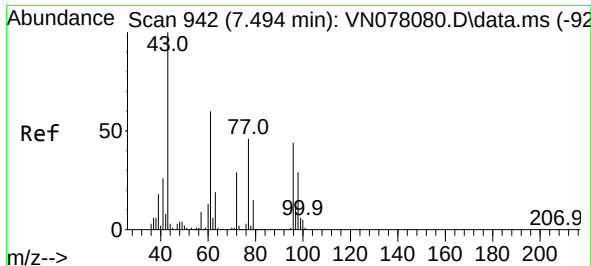


#24
 1,1-Dichloroethane
 Concen: 49.692 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078220.D
 Acq: 15 Jun 2023 11:33



Tgt Ion: 63 Resp: 419795
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 3.7 2.5 7.4





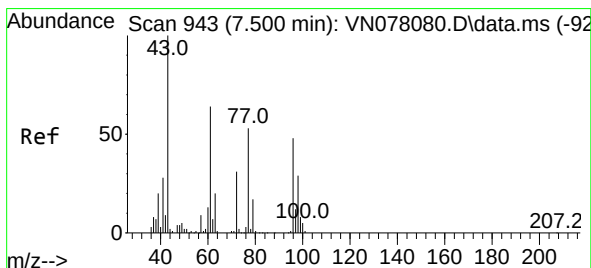
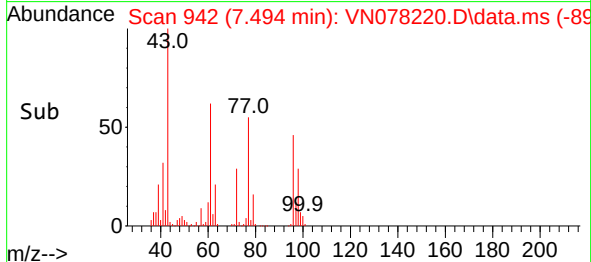
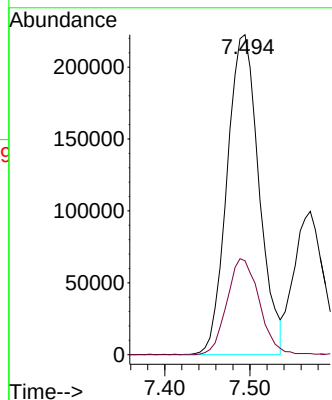
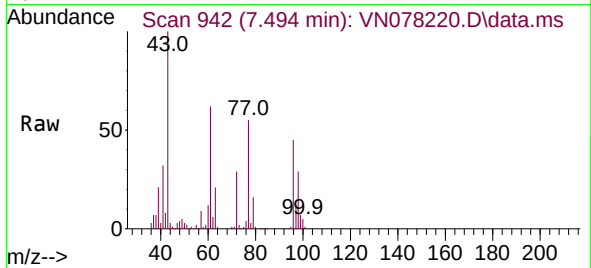
#25
2-Butanone
Concen: 240.721 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 580225
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2

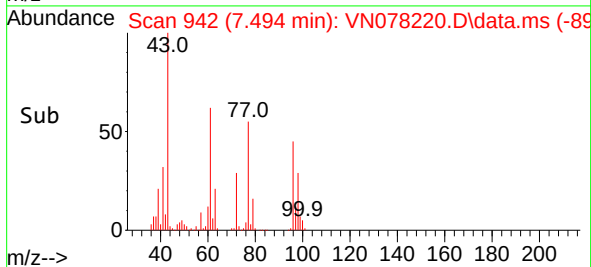
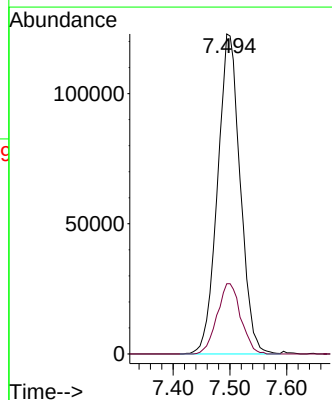
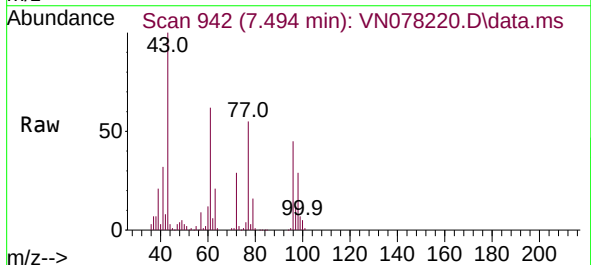
Manual Integrations
APPROVED

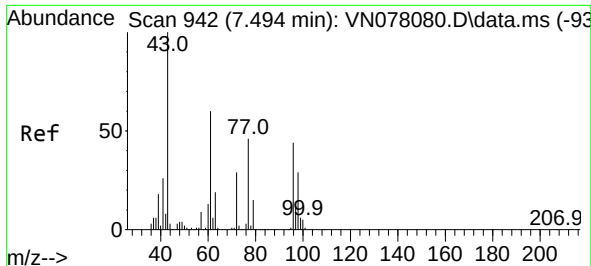
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#26
2,2-Dichloropropane
Concen: 54.526 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

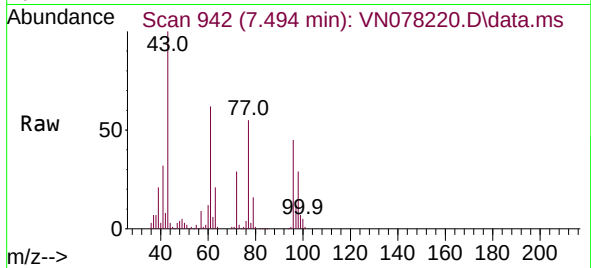
Tgt Ion: 77 Resp: 340121
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 45.862 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078220.D
 Acq: 15 Jun 2023 11:33

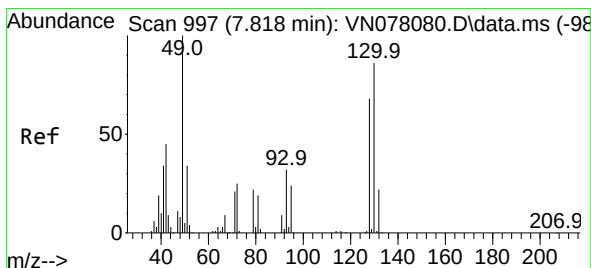
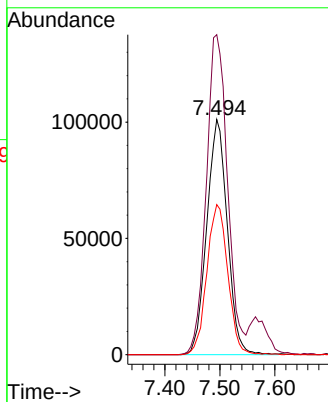
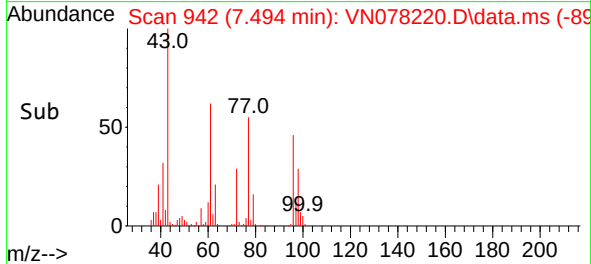
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



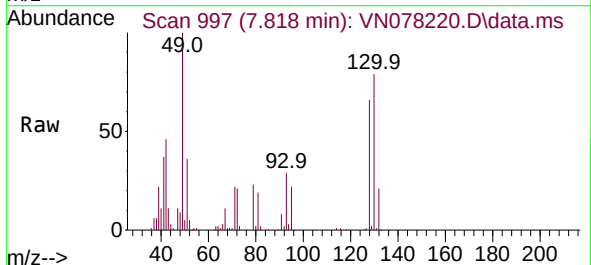
Tgt Ion: 96 Resp: 263148
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 255.2
 98 64.8 0.0 128.8

Manual Integrations
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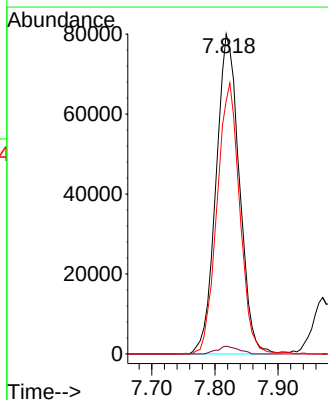
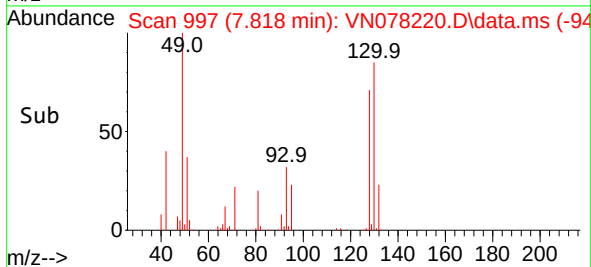
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

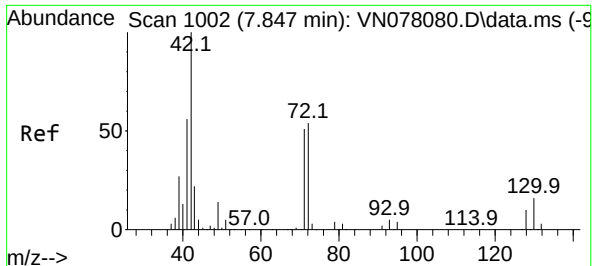


#28
 Bromochloromethane
 Concen: 52.841 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078220.D
 Acq: 15 Jun 2023 11:33



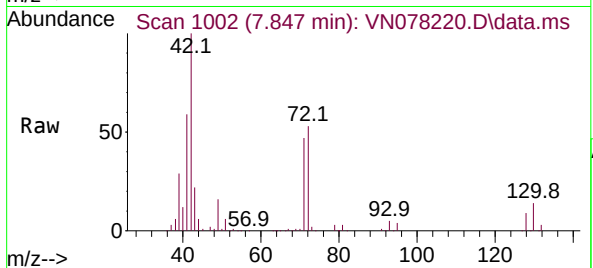
Tgt Ion: 49 Resp: 204960
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 82.4 75.3 112.9





#29
Tetrahydrofuran
Concen: 241.854 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

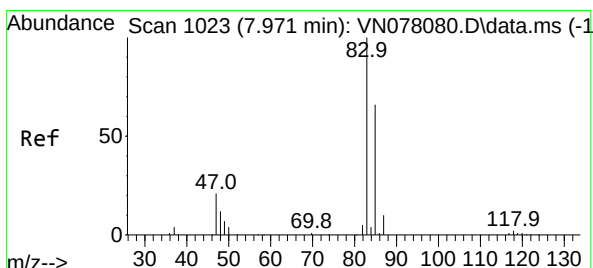
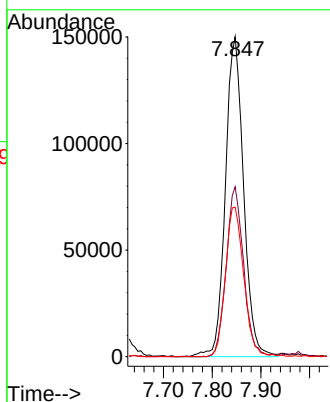
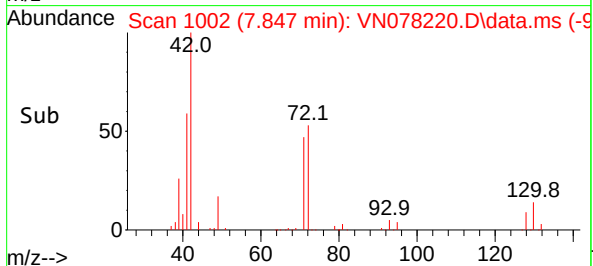
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 389709
Ion Ratio Lower Upper
42 100
72 50.6 49.8 74.6
71 47.6 47.4 71.2

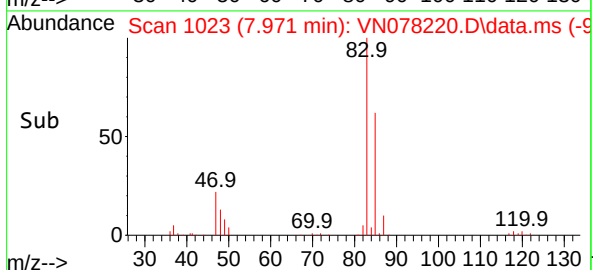
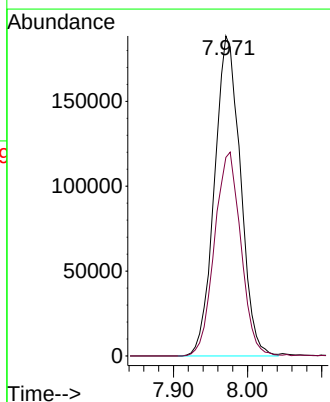
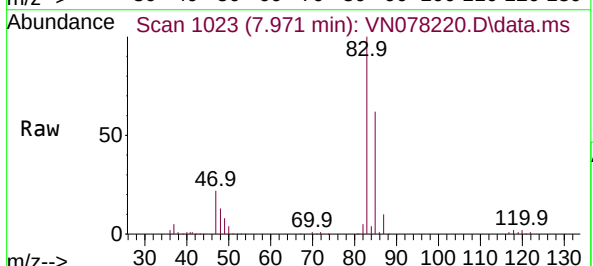
Manual Integrations
APPROVED

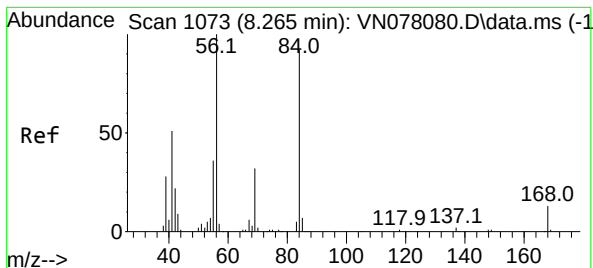
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#30
Chloroform
Concen: 50.437 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 83 Resp: 458828
Ion Ratio Lower Upper
83 100
85 62.1 55.4 83.0





#31

Cyclohexane

Concen: 43.991 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078220.D

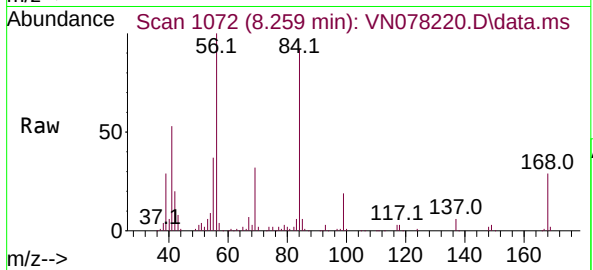
Acq: 15 Jun 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 30729

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

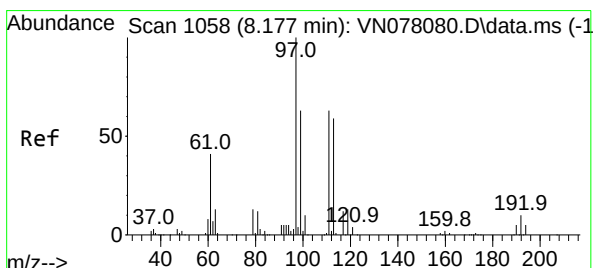
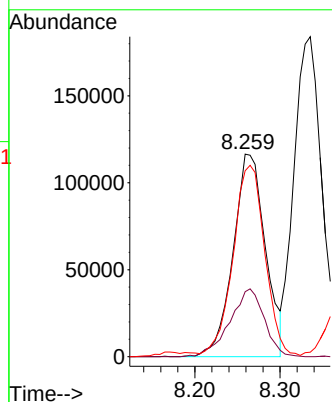
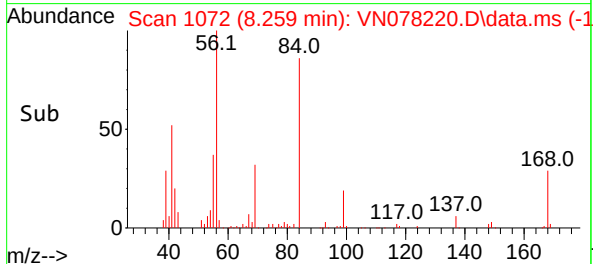
84 90.2 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#32

1,1,1-Trichloroethane

Concen: 49.558 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

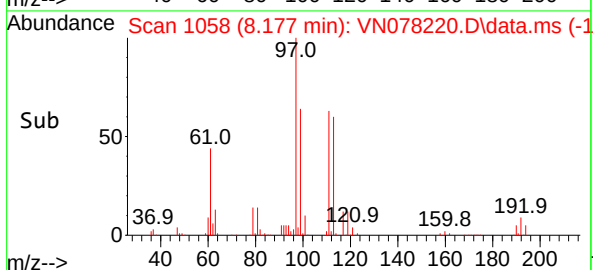
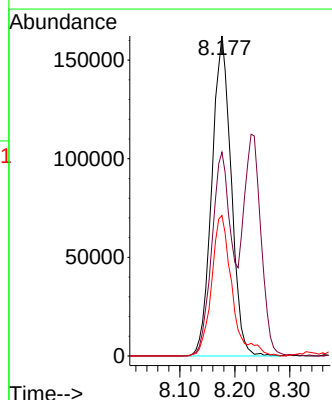
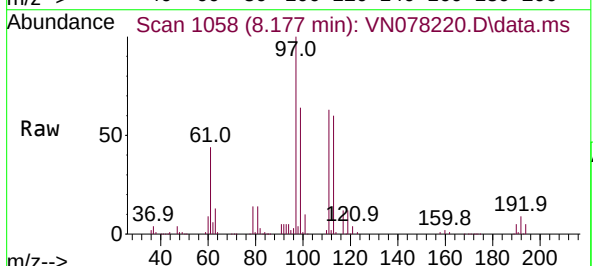
Tgt Ion: 97 Resp: 395792

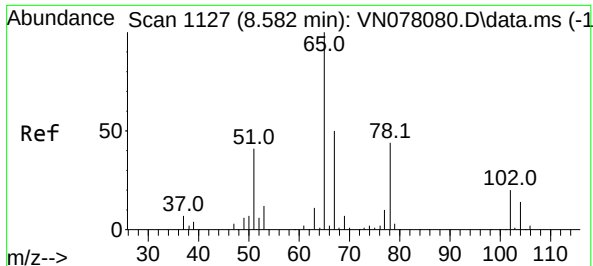
Ion Ratio Lower Upper

97 100

99 65.8 50.3 75.5

61 46.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.054 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 283462

Ion Ratio Lower Upper

65 100

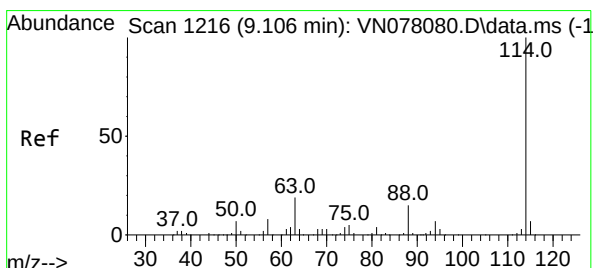
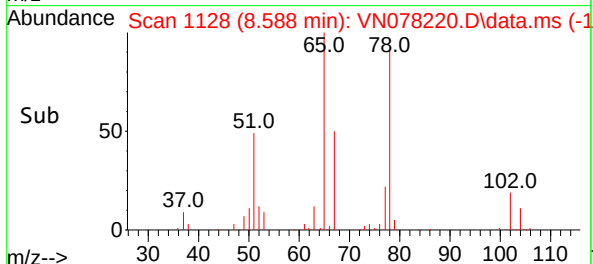
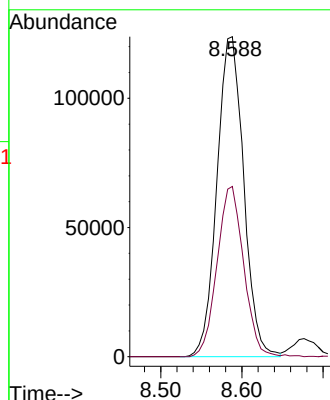
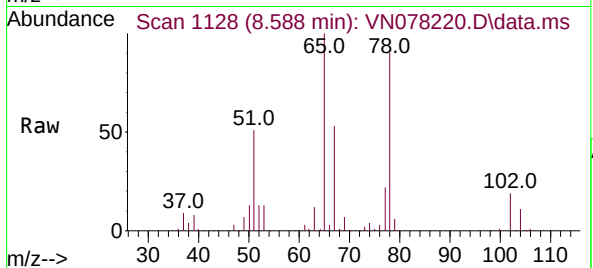
67 53.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

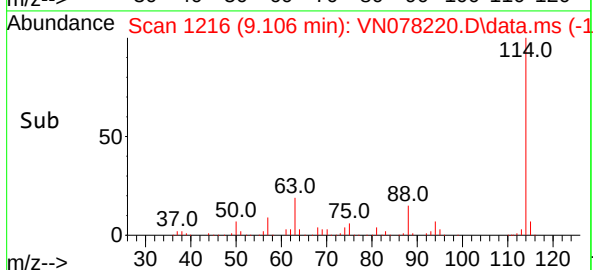
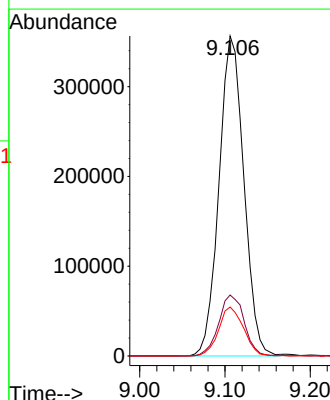
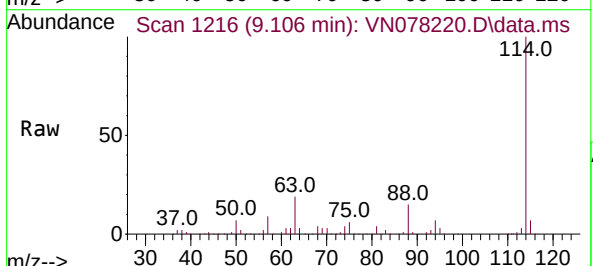
Tgt Ion:114 Resp: 721930

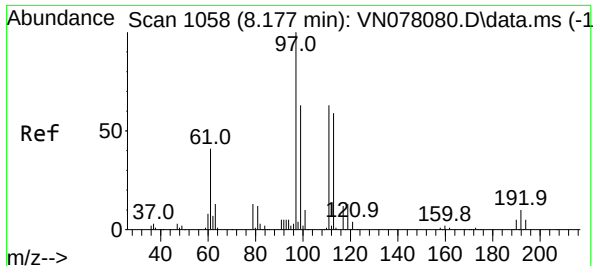
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

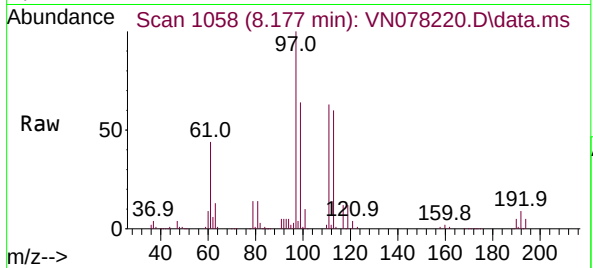
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.208 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

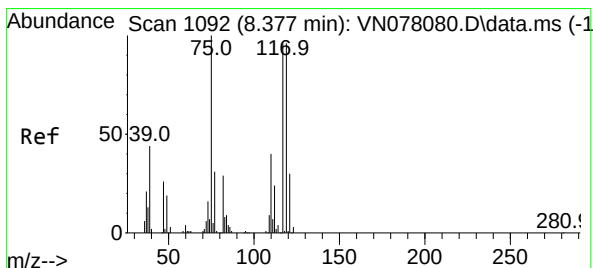
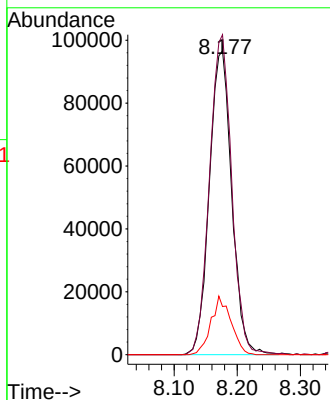
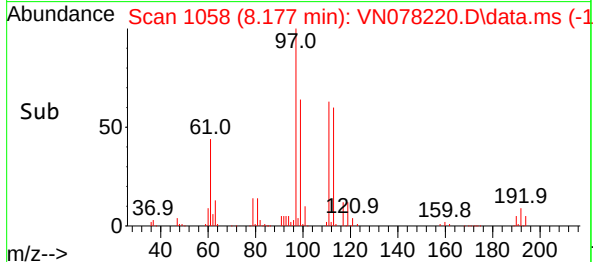
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



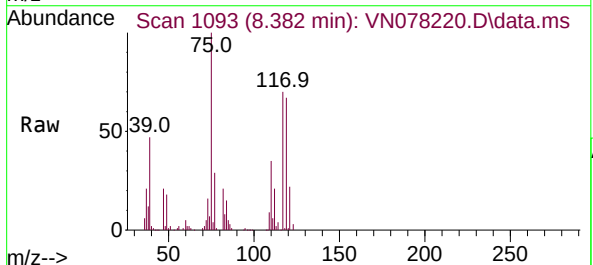
Tgt Ion: 113 Resp: 238310
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 17.2 12.7 19.1

Manual Integrations
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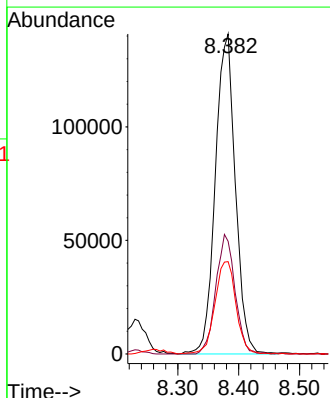
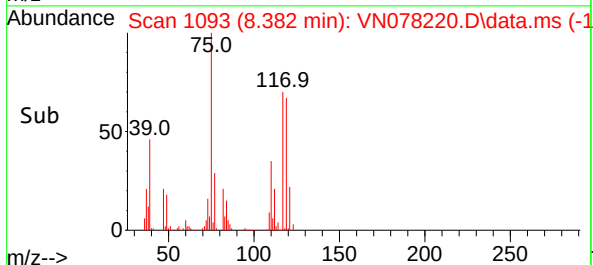
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

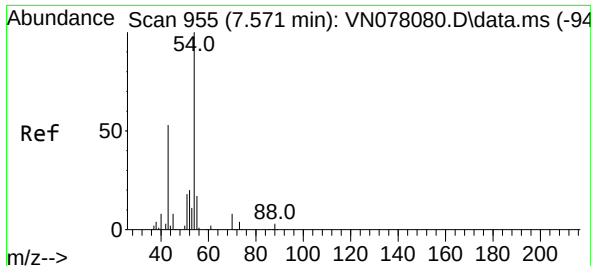


#36
1,1-Dichloropropene
Concen: 49.183 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



Tgt Ion: 75 Resp: 322023
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 49.398 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 25266

Ion Ratio Lower Upper

43 100

61 14.3 13.2 19.8

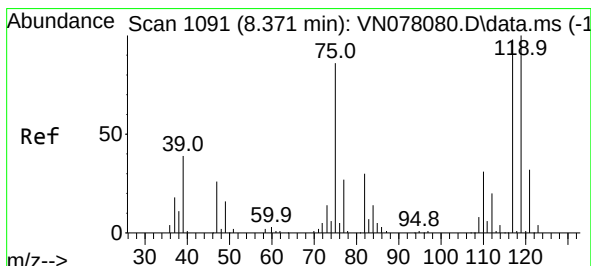
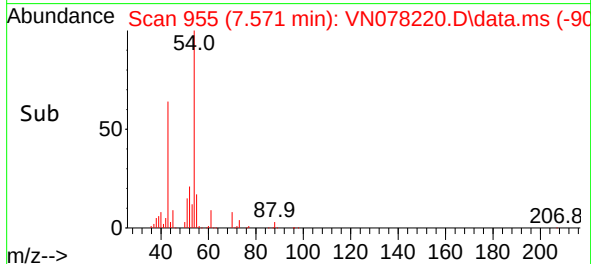
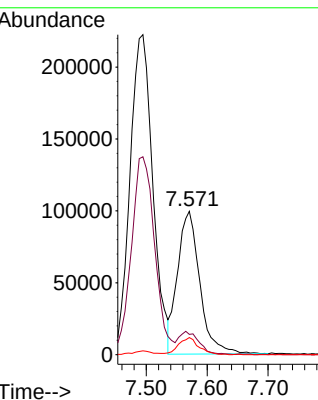
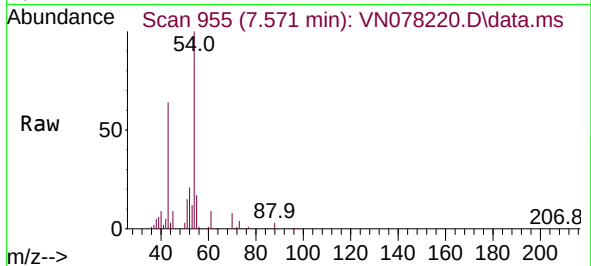
70 10.9 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#38

Carbon Tetrachloride

Concen: 49.788 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

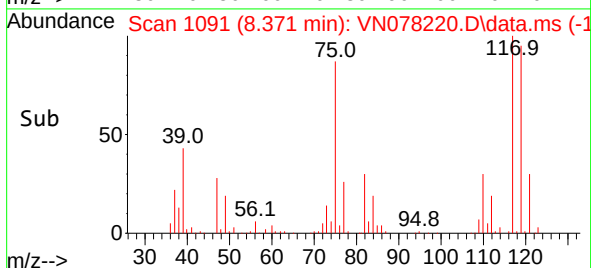
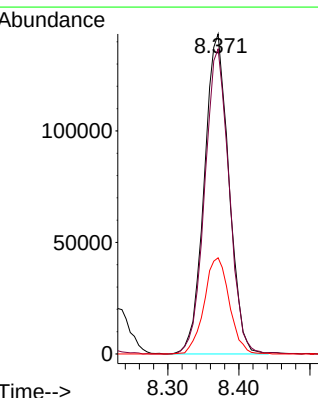
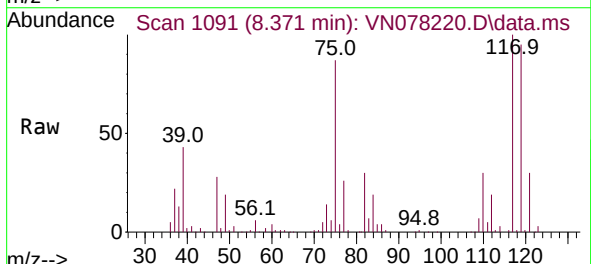
Tgt Ion:117 Resp: 344207

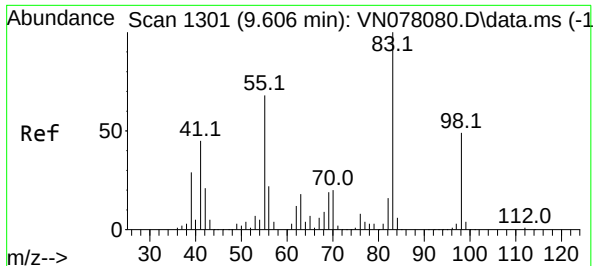
Ion Ratio Lower Upper

117 100

119 95.3 77.3 115.9

121 30.1 23.3 34.9





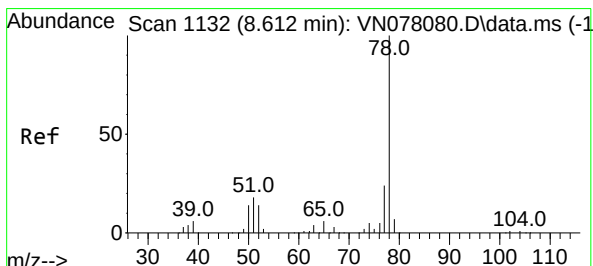
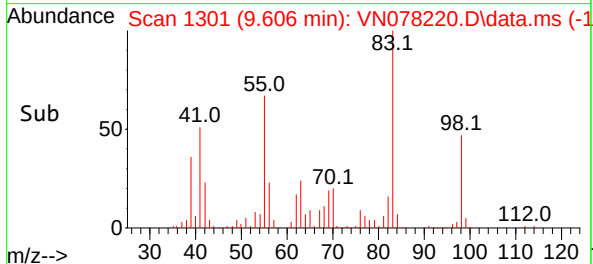
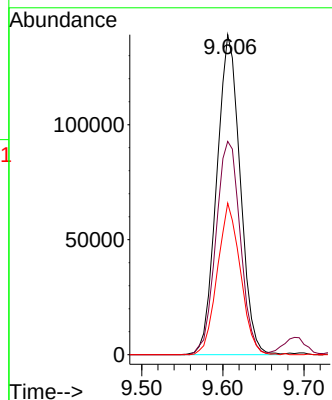
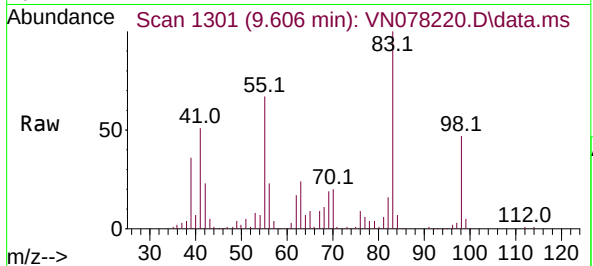
#39
Methylcyclohexane
Concen: 41.202 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 27956
Ion Ratio Lower Upper
83 100
55 66.7 49.1 73.7
98 47.4 40.6 61.0

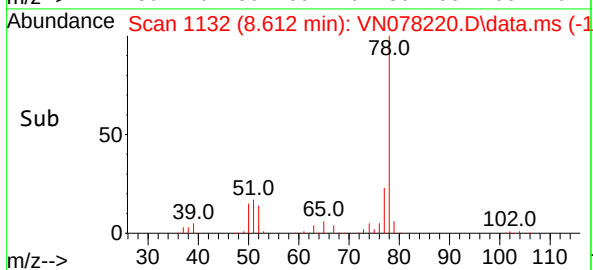
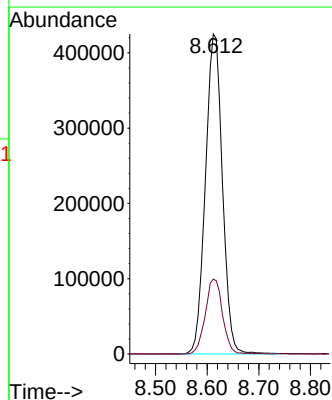
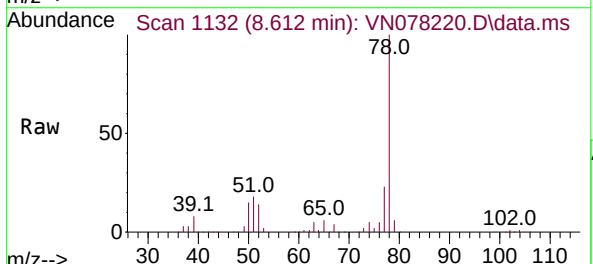
Manual Integrations
APPROVED

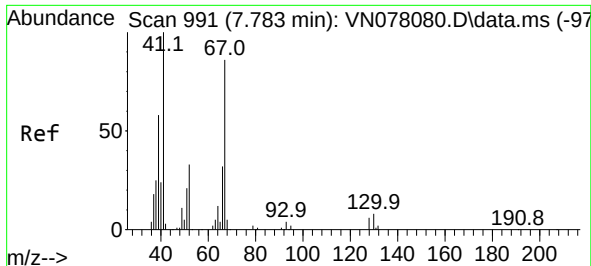
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#40
Benzene
Concen: 49.682 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 78 Resp: 971136
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 49.666 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :

MSVOA_N

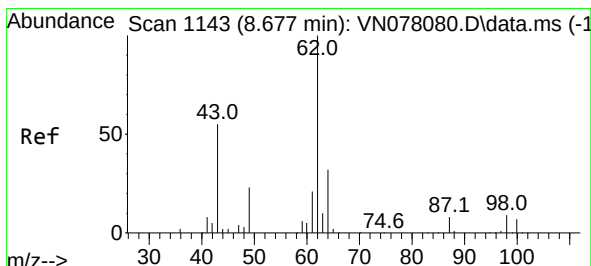
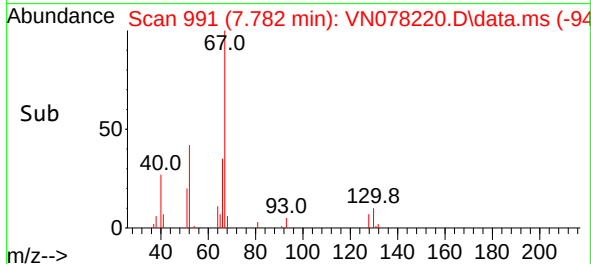
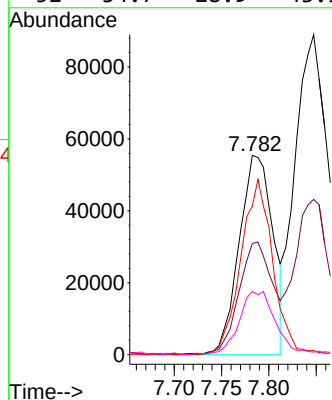
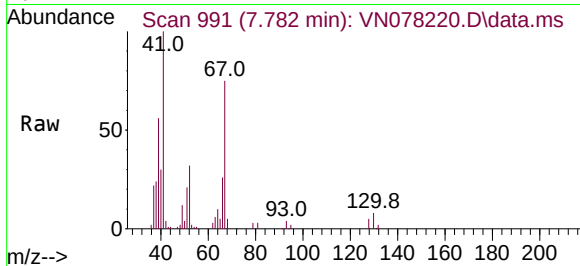
ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 13769
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 84.0 77.5 116.3
52 34.7 28.9 43.3

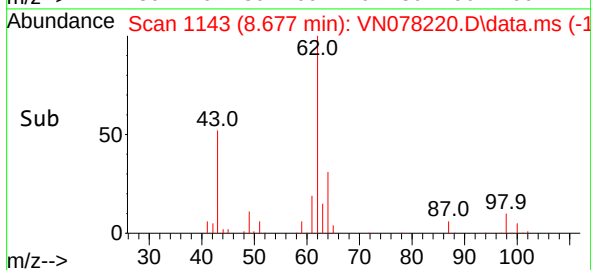
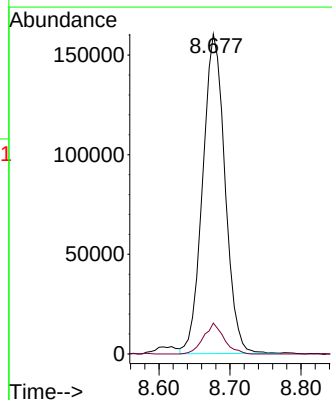
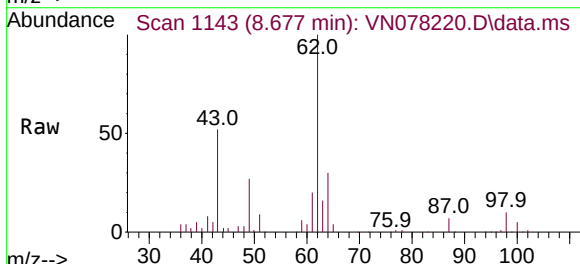
Manual Integrations
APPROVED

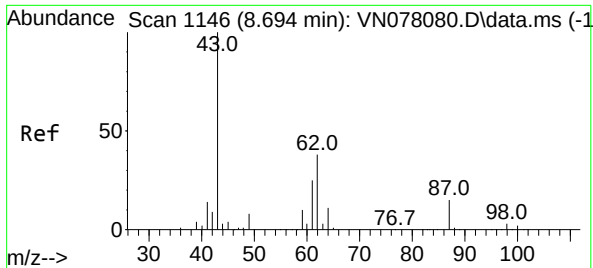
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#42
1,2-Dichloroethane
Concen: 52.235 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 62 Resp: 350081
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





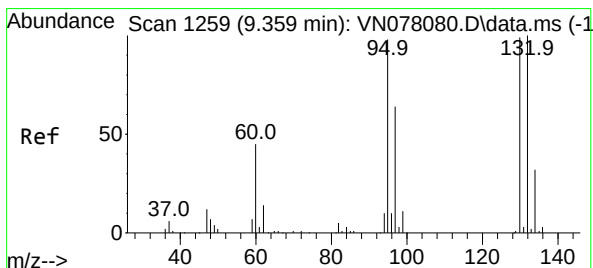
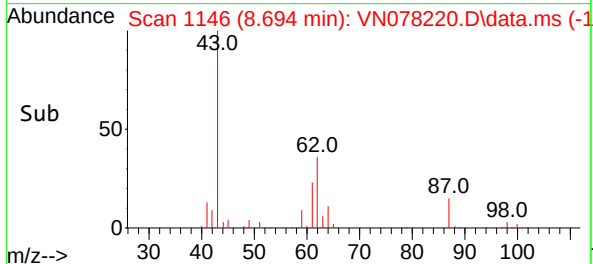
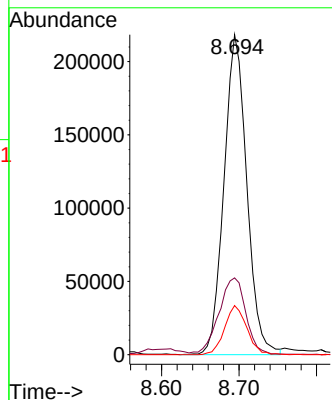
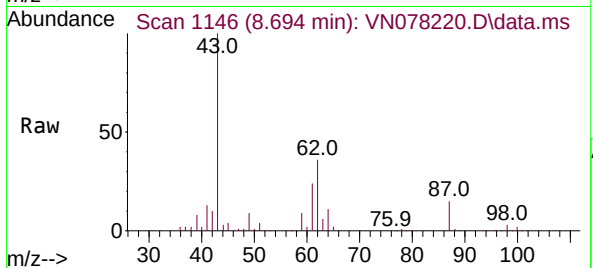
#43
Isopropyl Acetate
Concen: 45.820 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 44820
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 15.0 14.6 21.8

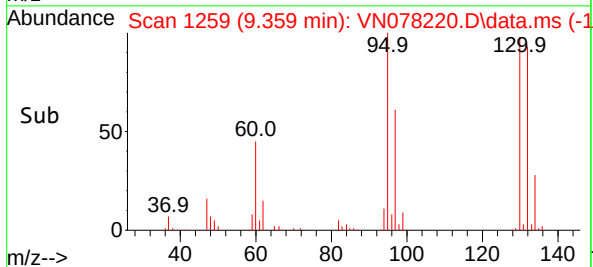
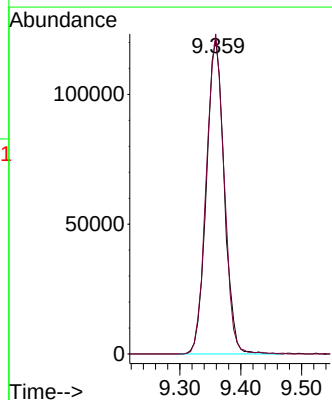
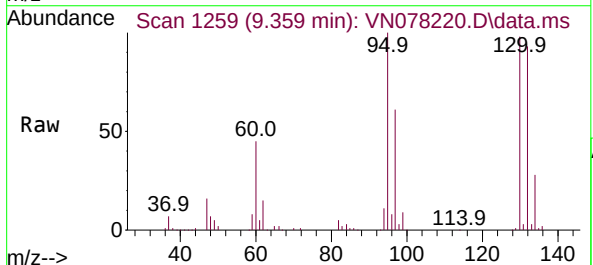
Manual Integrations
APPROVED

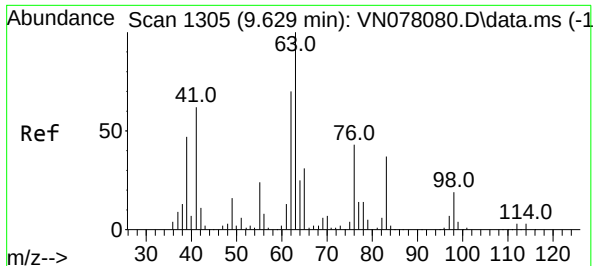
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#44
Trichloroethene
Concen: 47.755 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion:130 Resp: 246517
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.873 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 25227

Ion Ratio Lower Upper

63 100

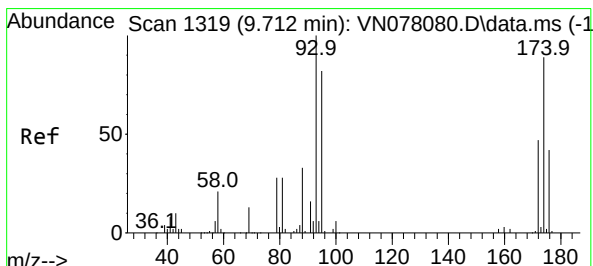
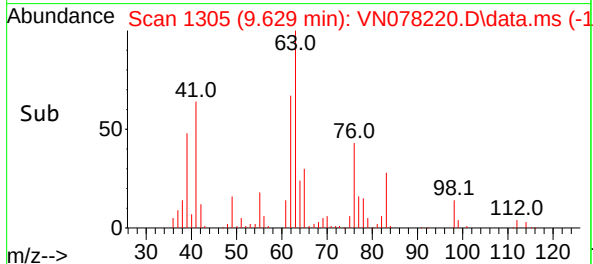
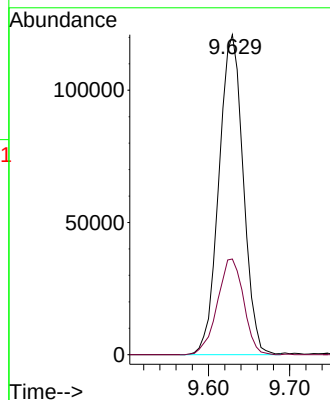
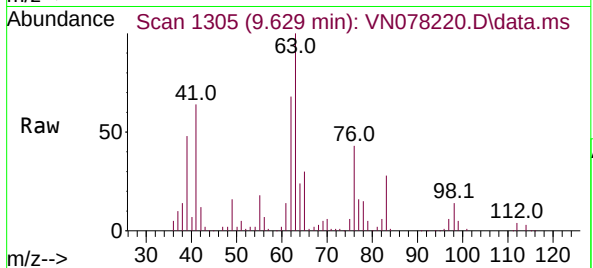
65 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#46

Dibromomethane

Concen: 49.312 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

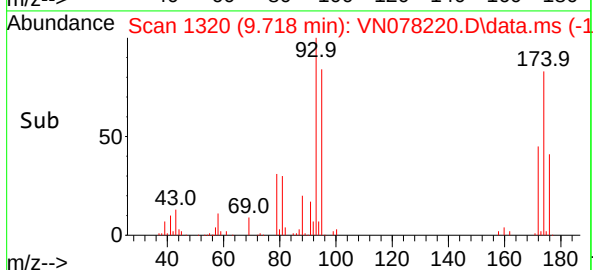
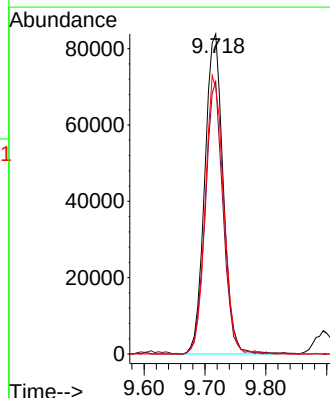
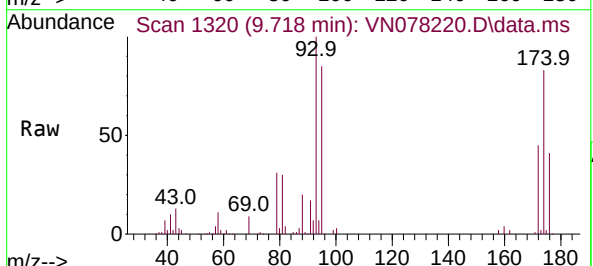
Tgt Ion: 93 Resp: 176644

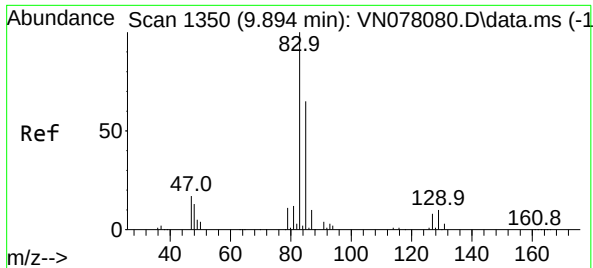
Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

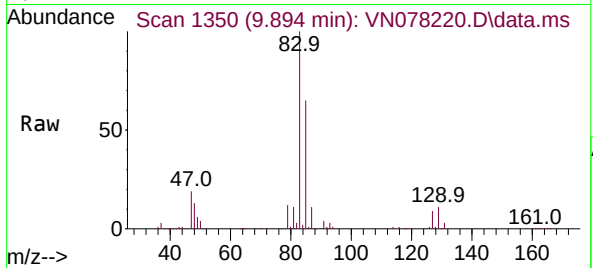
174 86.7 65.6 98.4





#47
Bromodichloromethane
Concen: 54.654 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

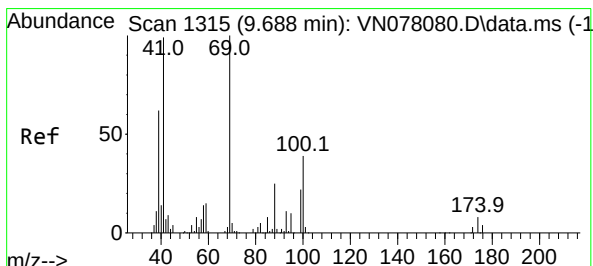
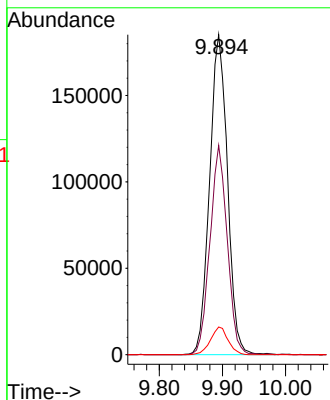
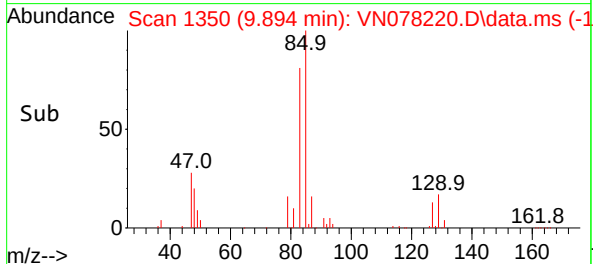
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 36366
Ion Ratio Lower Upper
83 100
85 65.4 49.6 74.4
127 8.6 7.0 10.6

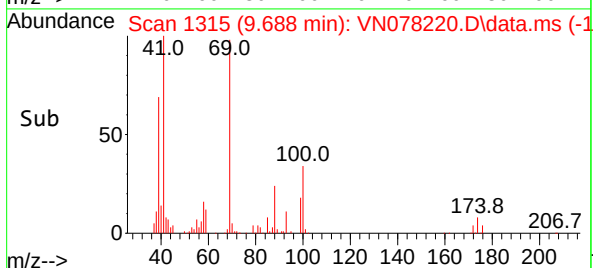
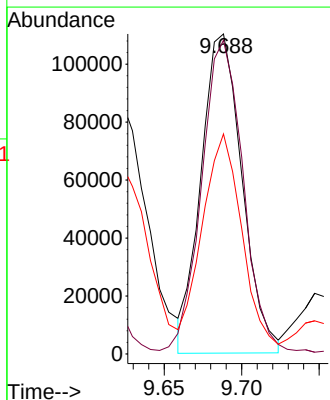
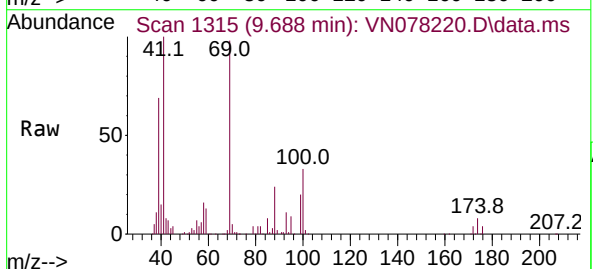
Manual Integrations
APPROVED

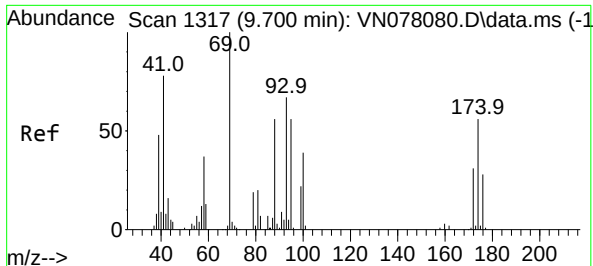
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#48
Methyl methacrylate
Concen: 49.437 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 41 Resp: 202941
Ion Ratio Lower Upper
41 100
69 100.3 90.4 135.6
39 67.6 54.6 81.8





#49

1,4-Dioxane

Concen: 901.279 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

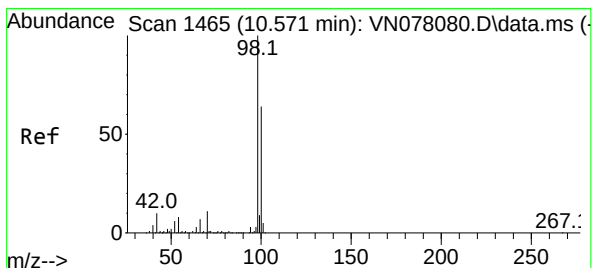
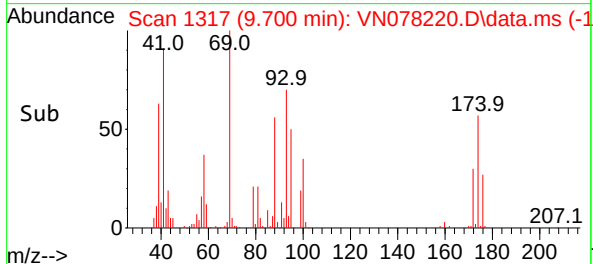
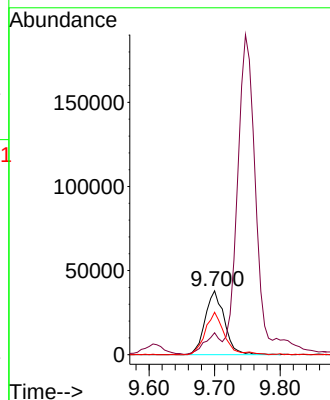
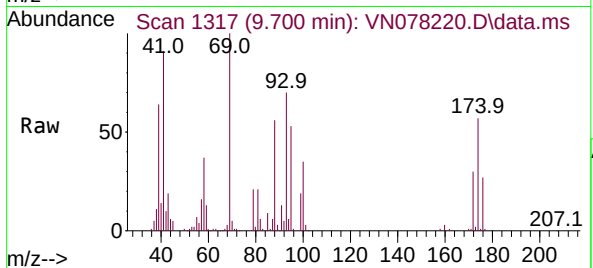
Tgt Ion: 88	Resp: 77762
Ion Ratio	Lower Upper
88 100	
43 27.9	17.0 25.6
58 65.9	47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#50

Toluene-d8

Concen: 51.424 ug/l

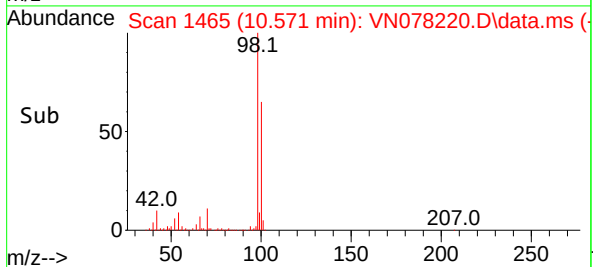
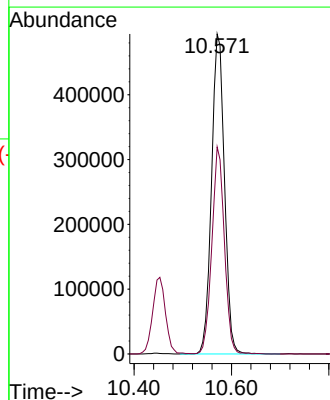
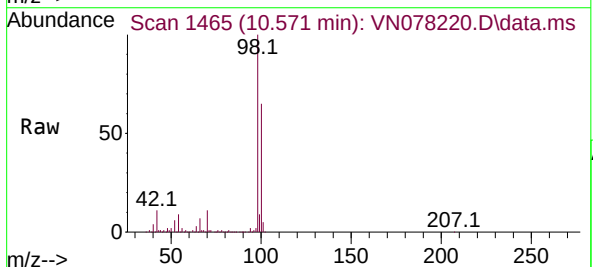
RT: 10.571 min Scan# 1465

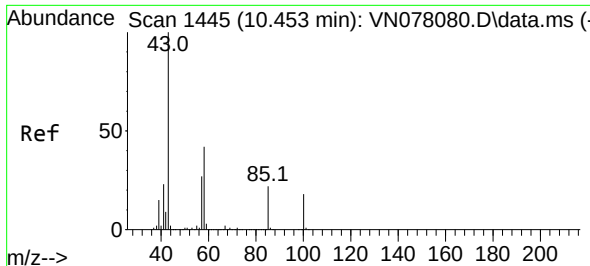
Delta R.T. -0.000 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

Tgt Ion: 98	Resp: 904923
Ion Ratio	Lower Upper
98 100	
100 62.8	52.0 78.0





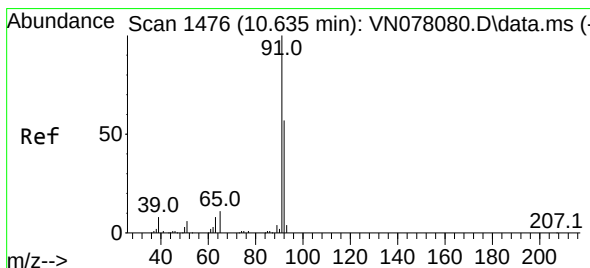
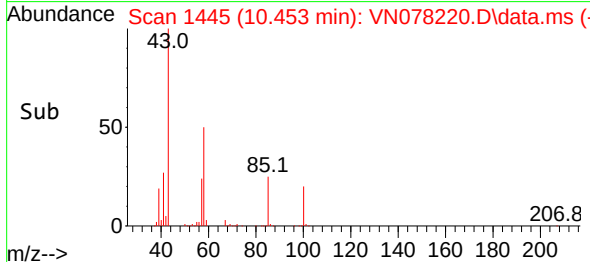
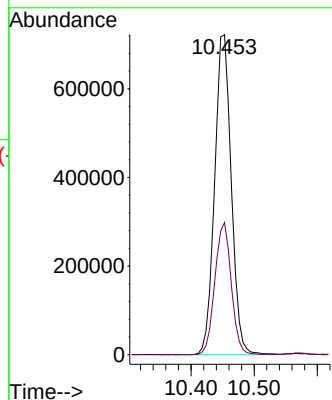
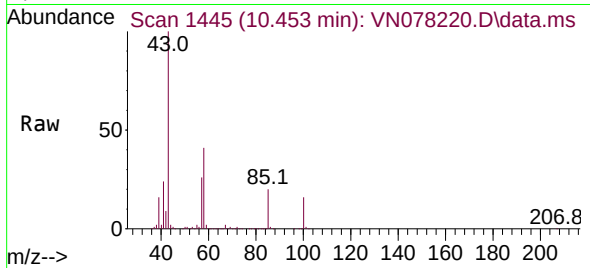
#51
4-Methyl-2-Pentanone
Concen: 256.692 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 132224
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

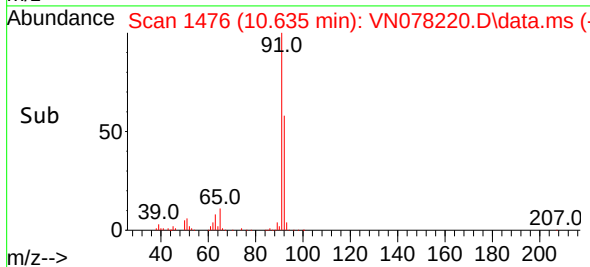
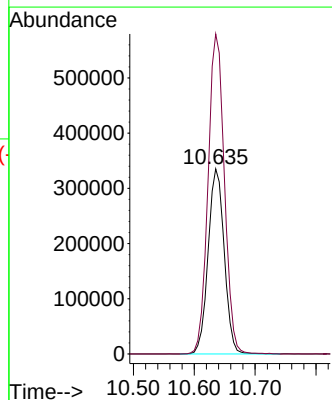
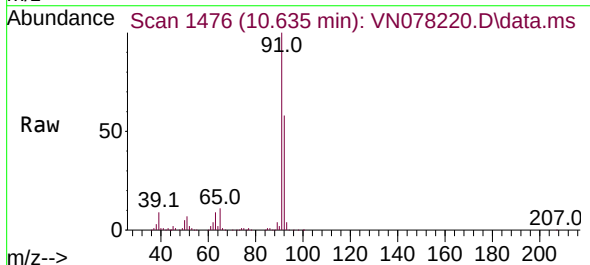
Manual Integrations
APPROVED

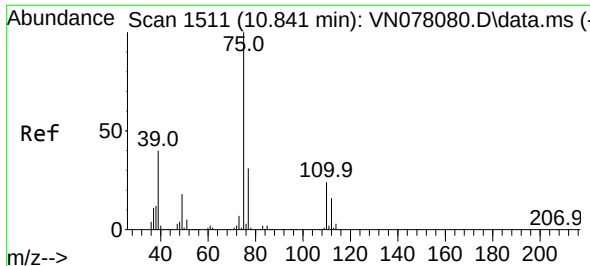
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#52
Toluene
Concen: 49.920 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

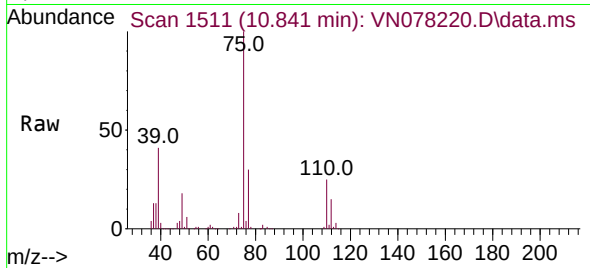
Tgt Ion: 92 Resp: 616089
Ion Ratio Lower Upper
92 100
91 175.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.151 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

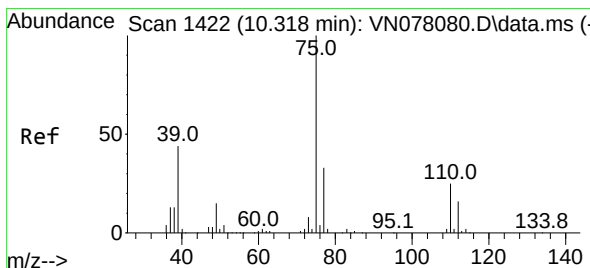
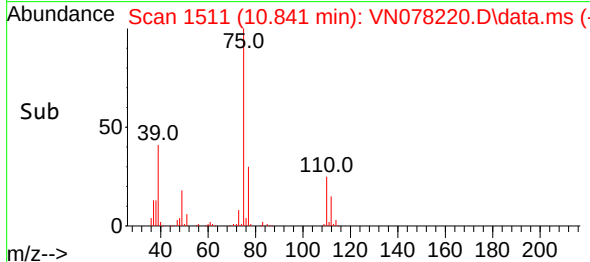
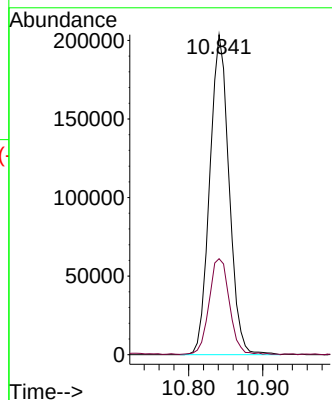
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 36832
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0

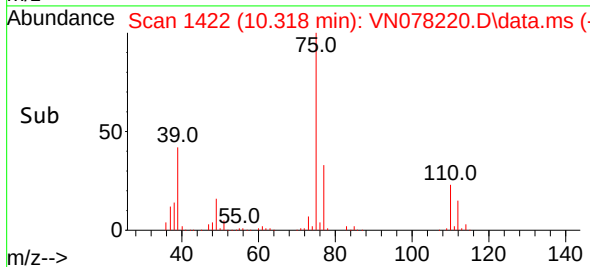
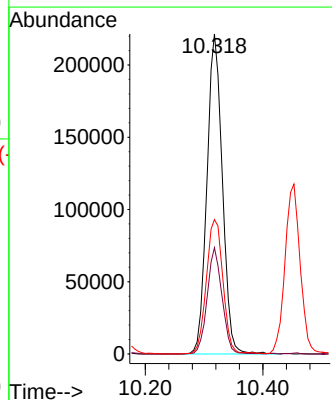
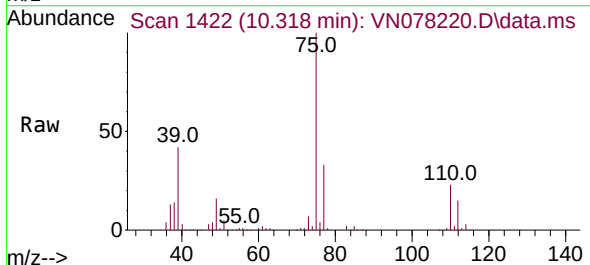
Manual Integrations
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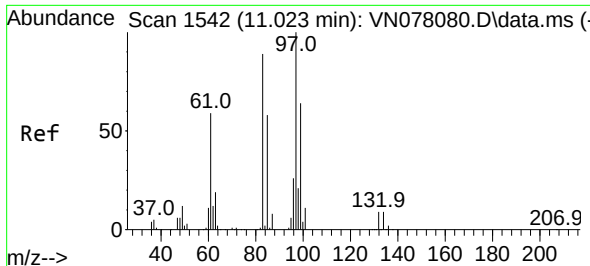
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#54
cis-1,3-Dichloropropene
Concen: 52.516 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

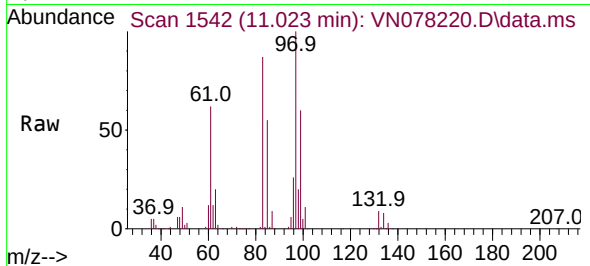
Tgt Ion: 75 Resp: 402289
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1
39 41.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.928 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

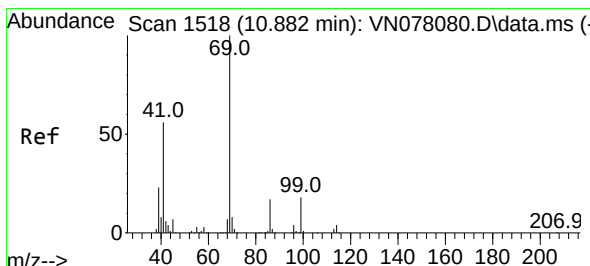
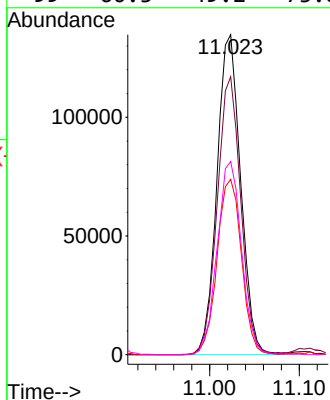
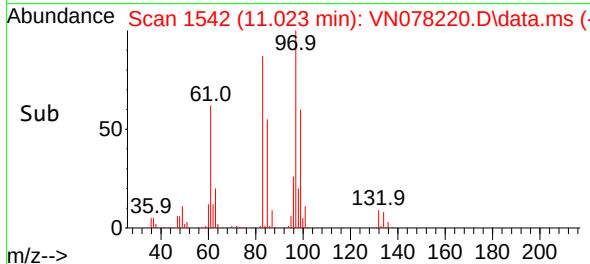
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



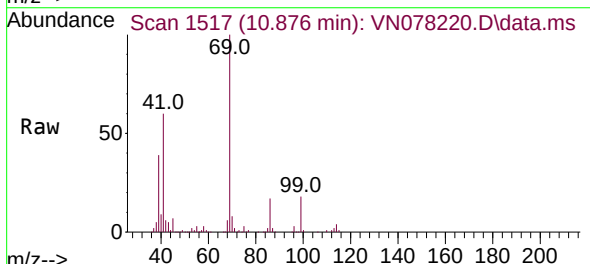
Tgt Ion: 97 Resp: 24710
Ion Ratio Lower Upper
97 100
83 86.8 65.1 97.7
85 54.8 43.4 65.2
99 60.3 49.2 73.8

Manual Integrations
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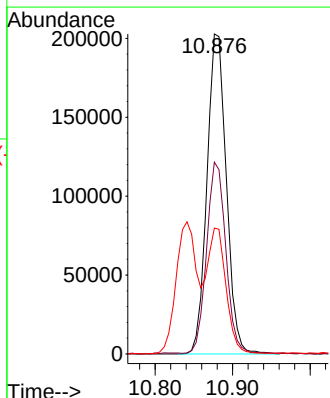
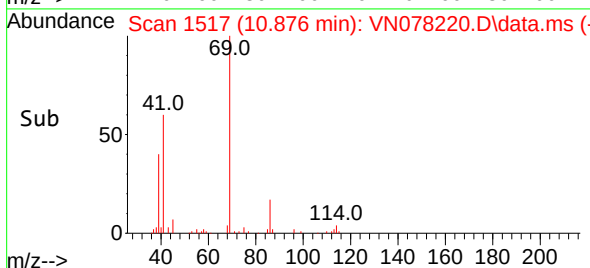
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

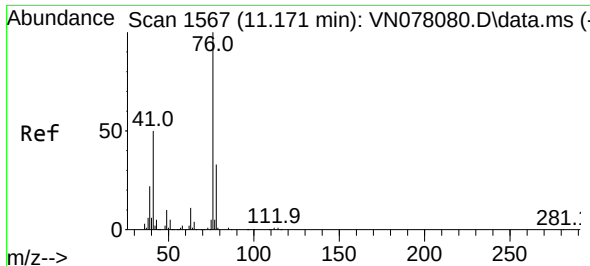


#56
Ethyl methacrylate
Concen: 51.846 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



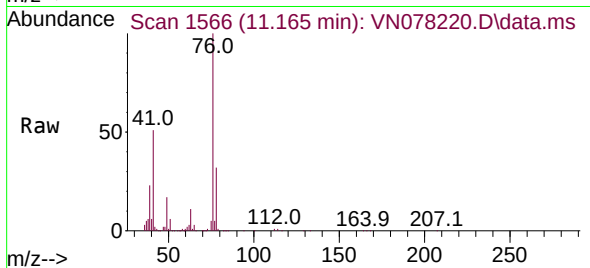
Tgt Ion: 69 Resp: 352443
Ion Ratio Lower Upper
69 100
41 59.1 39.6 59.4
39 38.4 28.6 43.0





#57
1,3-Dichloropropane
Concen: 52.513 ug/l
RT: 11.165 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

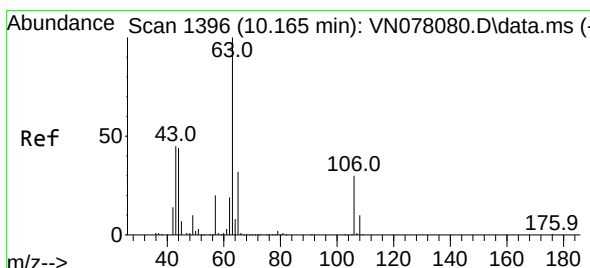
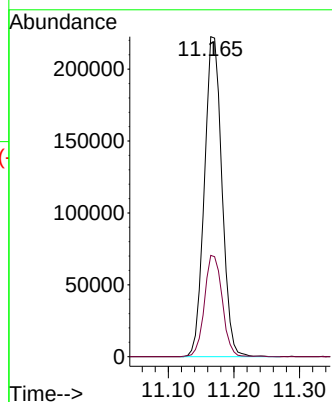
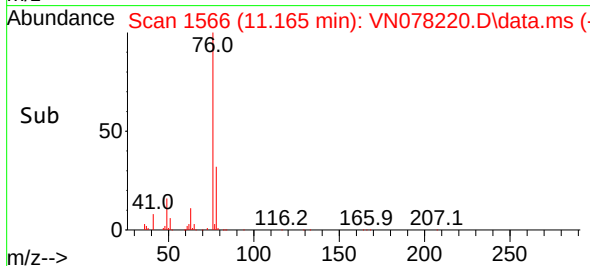
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



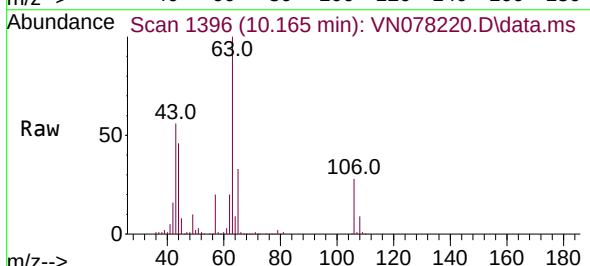
Tgt Ion: 76 Resp: 413829
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

Manual Integrations
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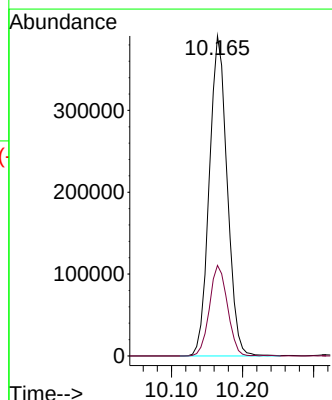
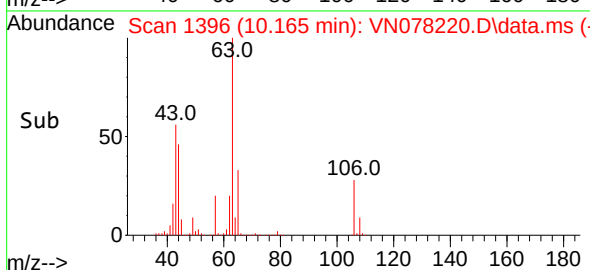
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

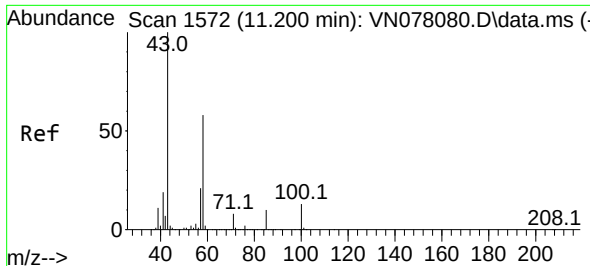


#58
2-Chloroethyl Vinyl ether
Concen: 249.473 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



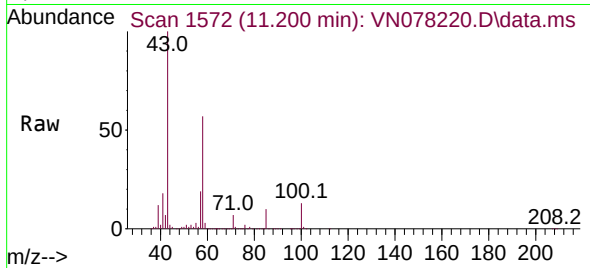
Tgt Ion: 63 Resp: 685088
Ion Ratio Lower Upper
63 100
106 28.4 26.2 39.4





#59
2-Hexanone
Concen: 254.658 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

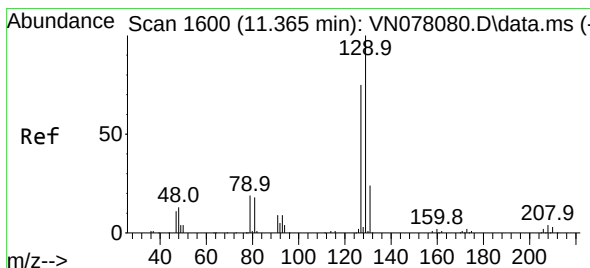
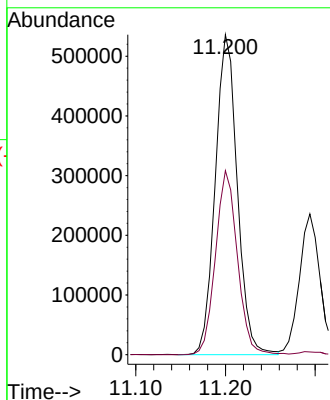
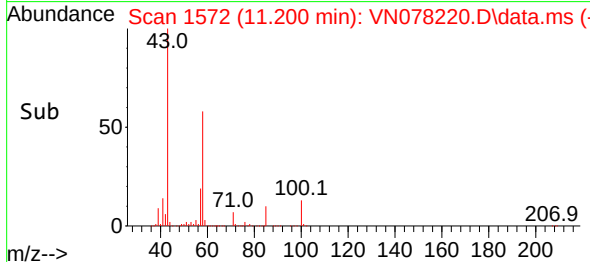
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 913370
Ion Ratio Lower Upper
43 100
58 57.3 31.7 95.1

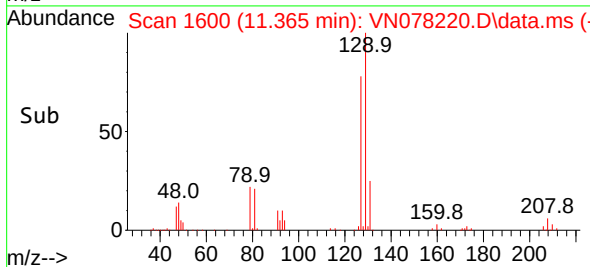
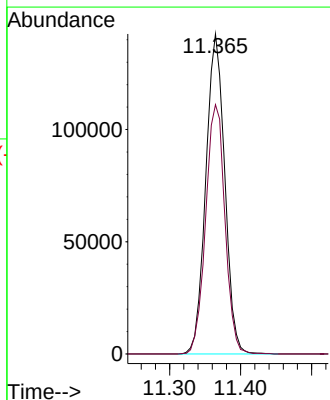
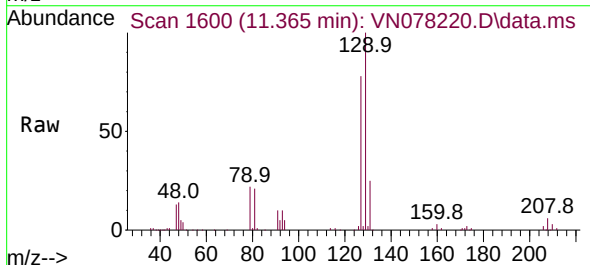
Manual Integrations
APPROVED

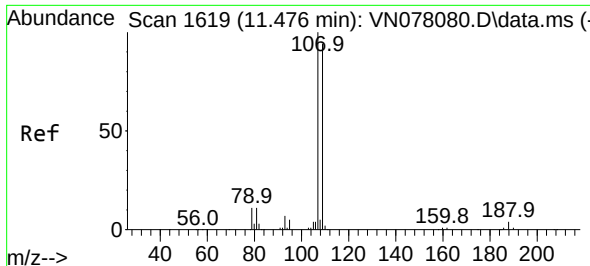
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#60
Dibromochloromethane
Concen: 51.604 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion:129 Resp: 263628
Ion Ratio Lower Upper
129 100
127 79.6 38.6 116.0





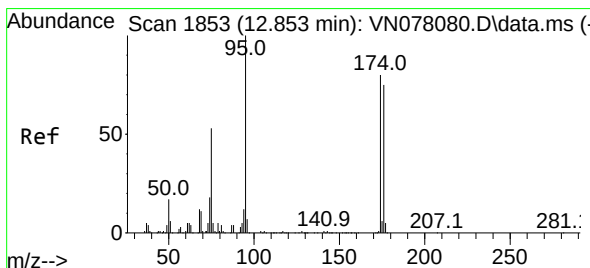
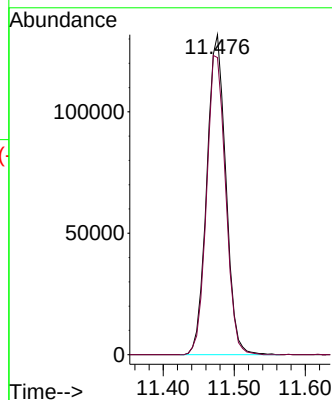
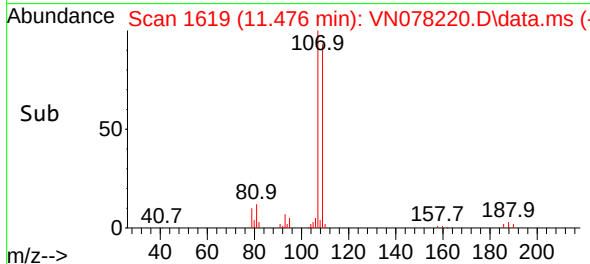
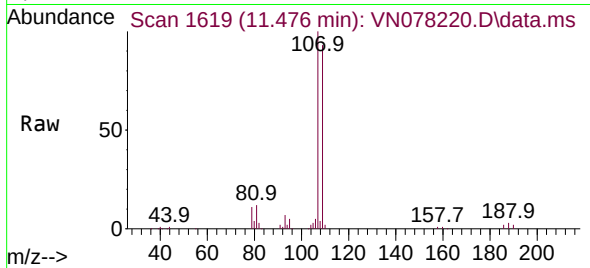
#61
1,2-Dibromoethane
Concen: 50.034 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 24513
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

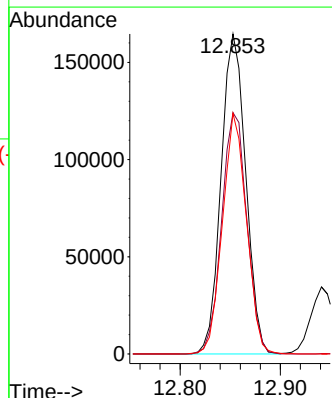
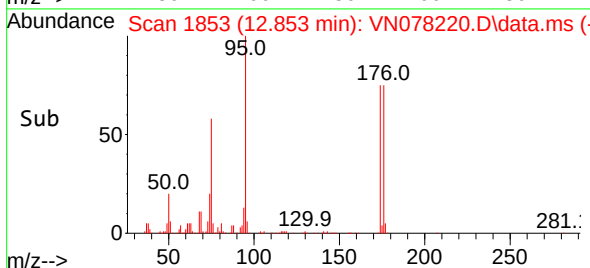
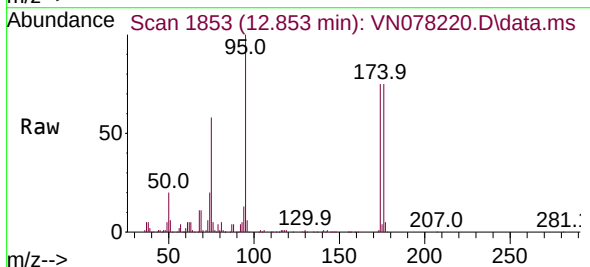
Manual Integrations
APPROVED

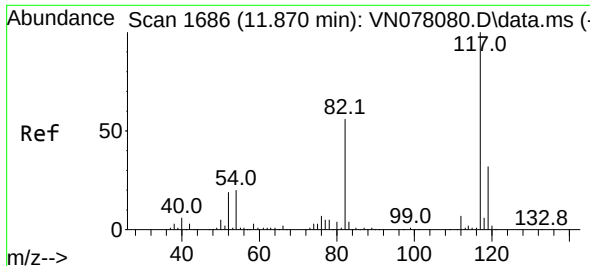
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#62
4-Bromofluorobenzene
Concen: 51.307 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 95 Resp: 280680
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.2 0.0 135.8





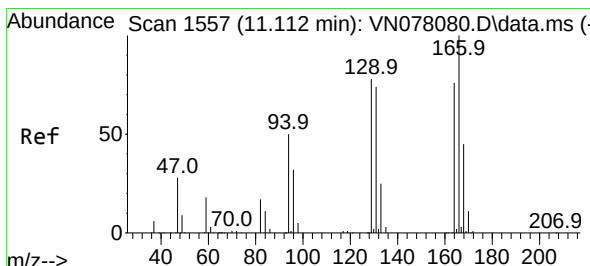
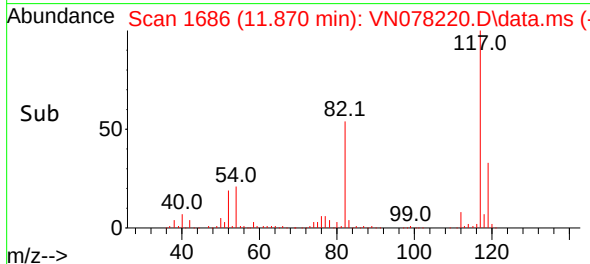
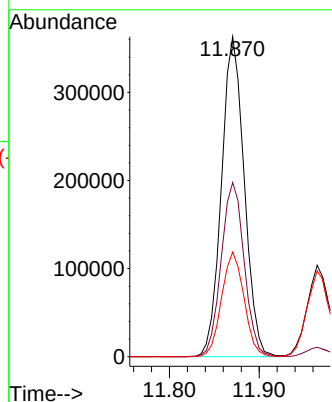
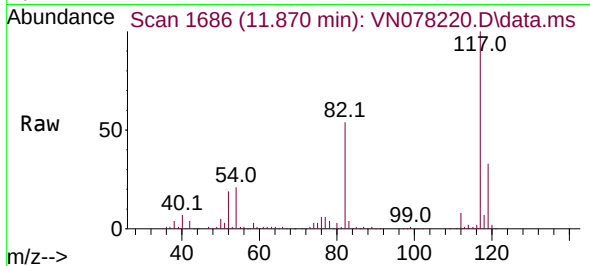
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 639948
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.7 25.6 38.4

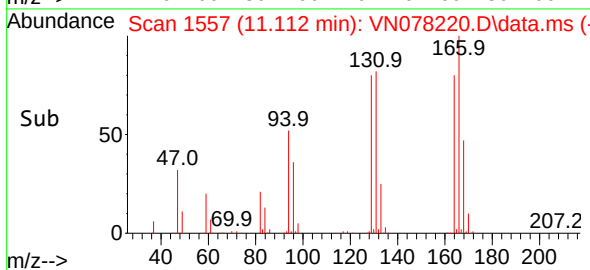
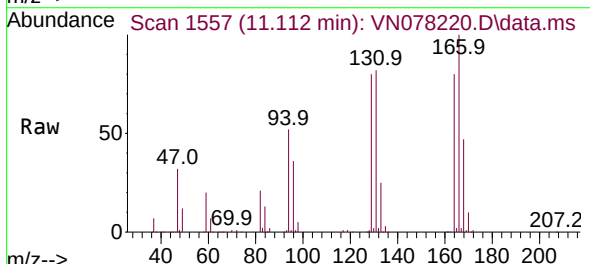
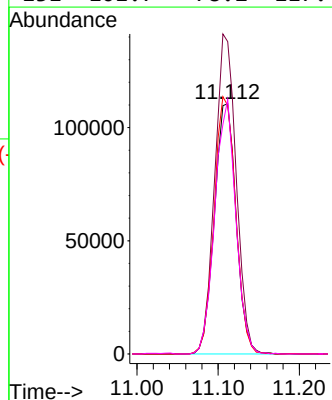
Manual Integrations
APPROVED

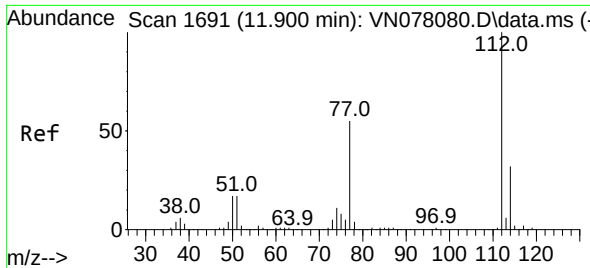
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#64
Tetrachloroethene
Concen: 48.120 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion:164 Resp: 205440
Ion Ratio Lower Upper
164 100
166 124.8 101.4 152.0
129 99.2 82.4 123.6
131 101.7 78.2 117.4





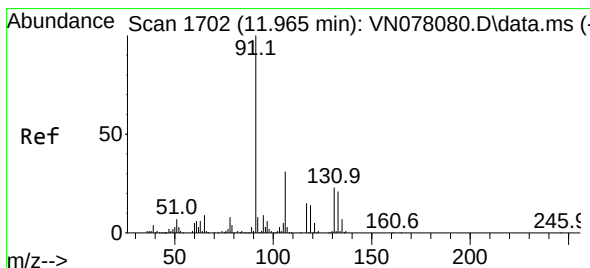
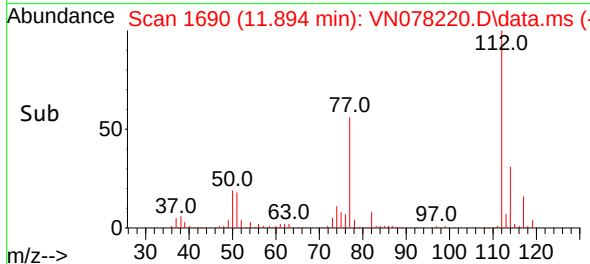
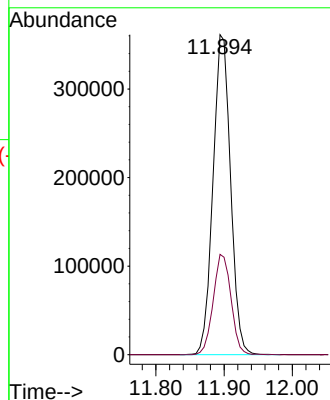
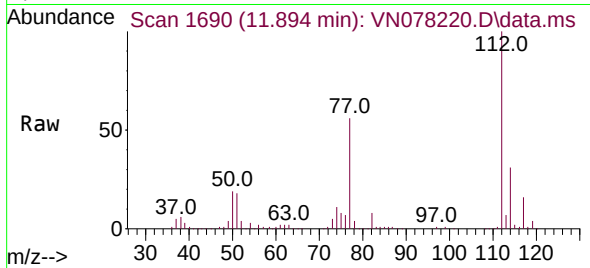
#65
Chlorobenzene
Concen: 47.214 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 647054
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

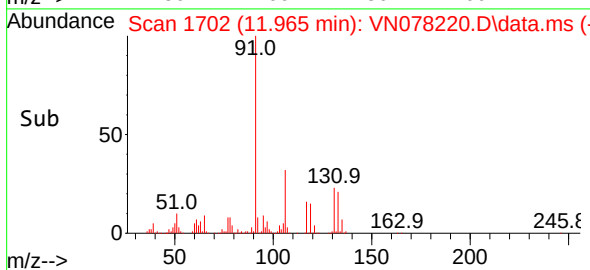
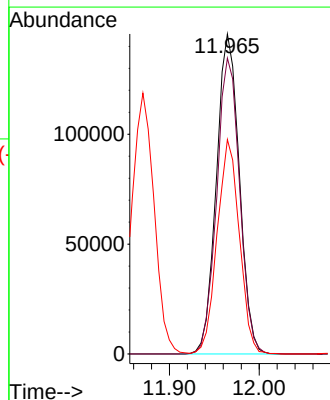
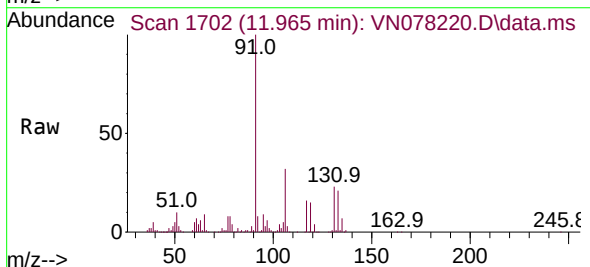
Manual Integrations
APPROVED

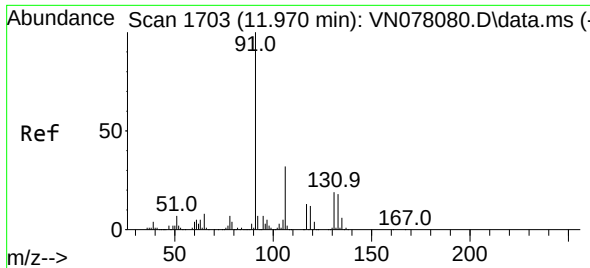
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.227 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion:131 Resp: 258214
Ion Ratio Lower Upper
131 100
133 92.8 46.4 139.1
119 65.0 34.1 102.2





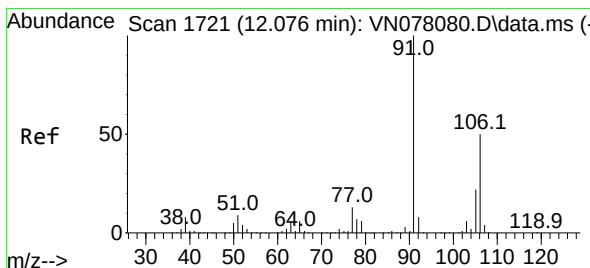
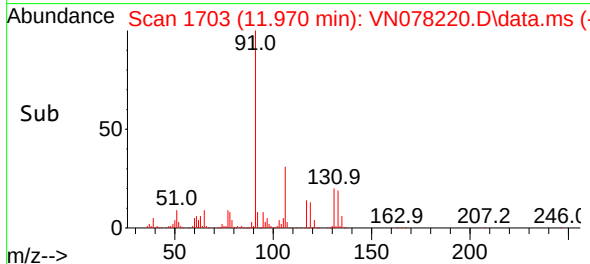
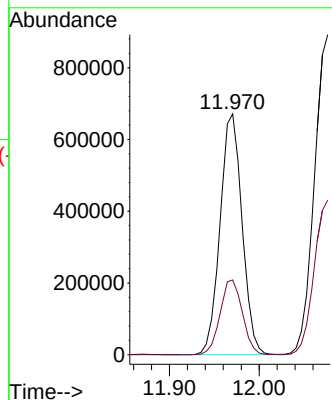
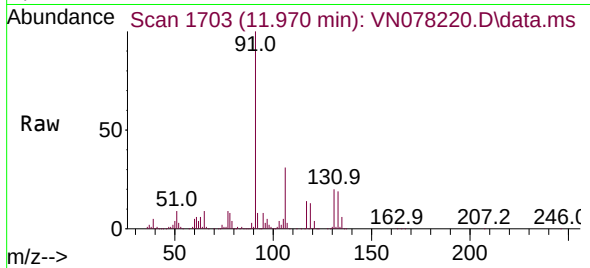
#67
Ethyl Benzene
Concen: 48.346 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1143250
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

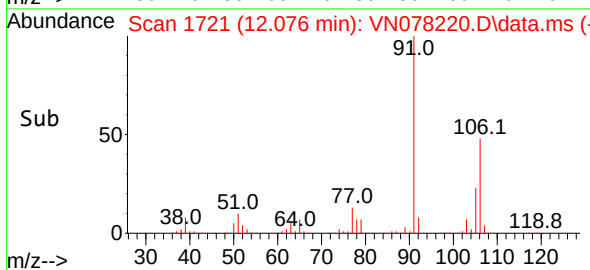
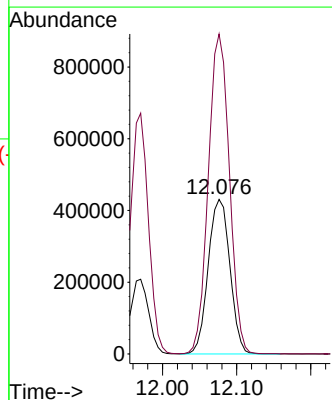
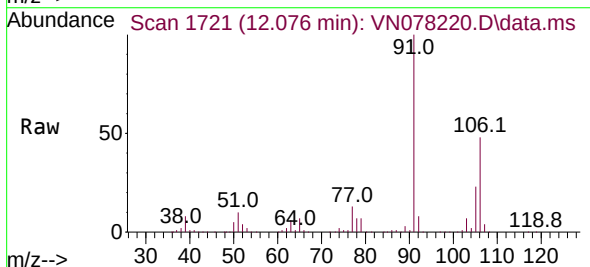
Manual Integrations
APPROVED

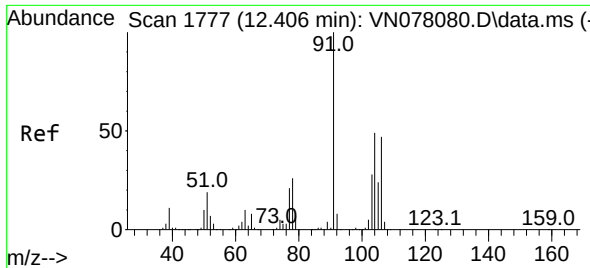
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#68
m/p-Xylenes
Concen: 97.454 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion:106 Resp: 878268
Ion Ratio Lower Upper
106 100
91 200.9 159.6 239.4





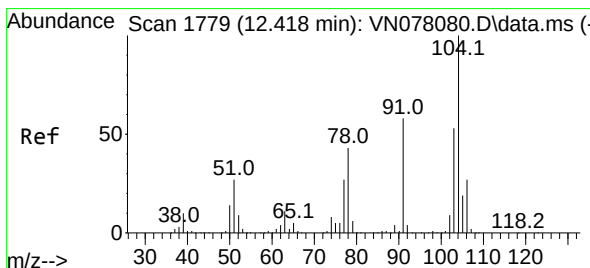
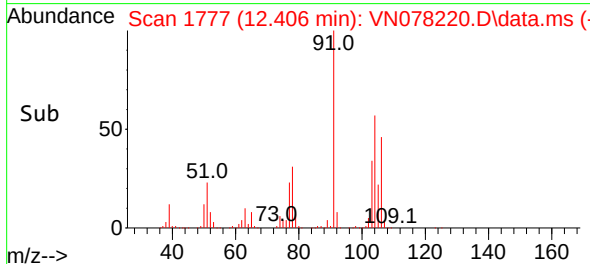
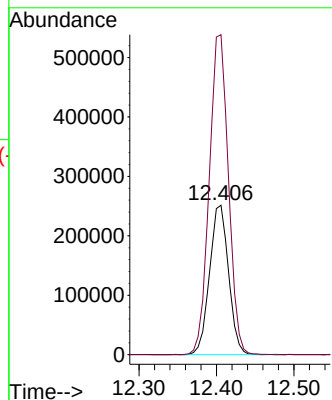
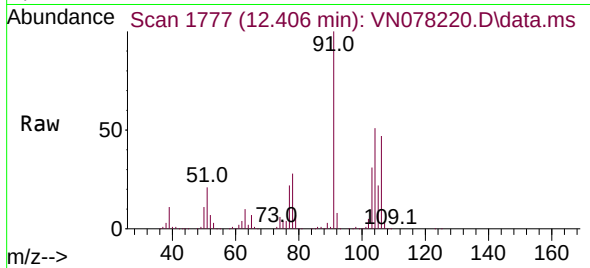
#69
o-Xylene
Concen: 48.303 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 427484
Ion Ratio Lower Upper
106 100
91 216.8 105.2 315.5

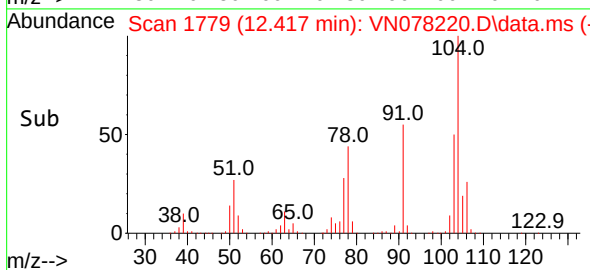
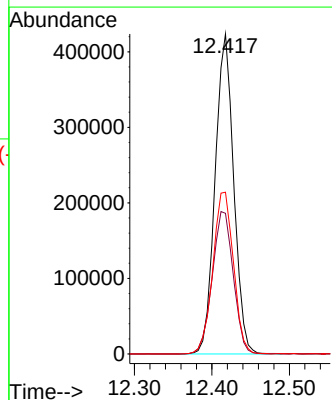
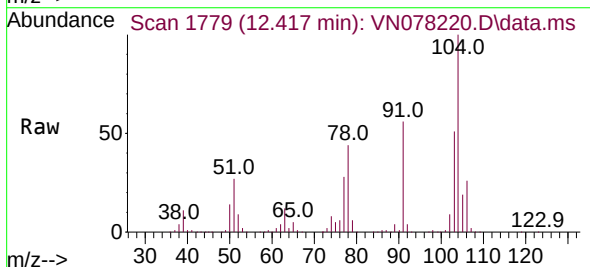
Manual Integrations
APPROVED

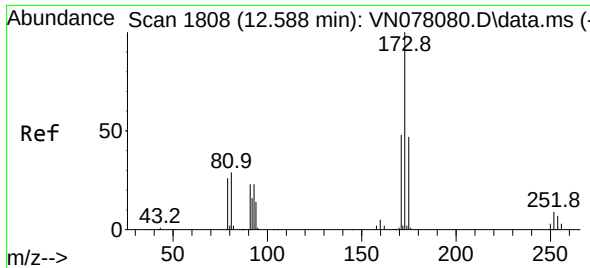
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#70
Styrene
Concen: 50.683 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion:104 Resp: 706147
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 56.1 43.2 64.8





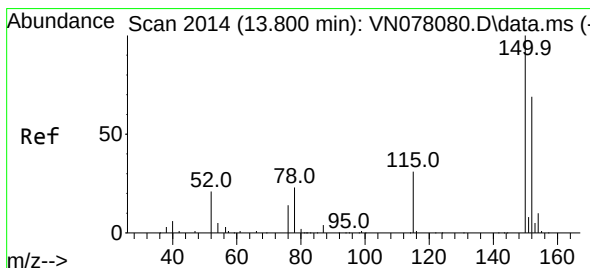
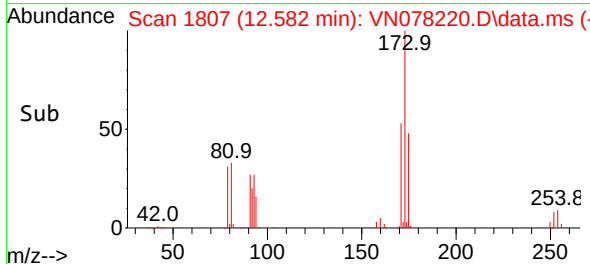
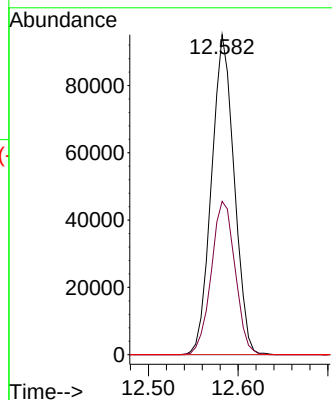
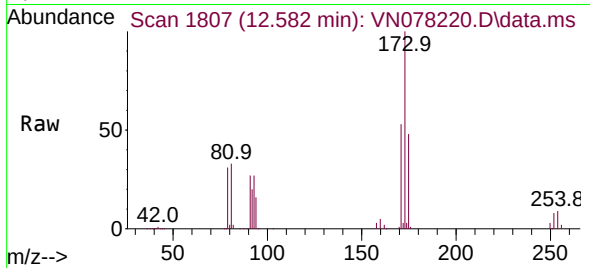
#71
Bromoform
Concen: 51.329 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 166972
Ion Ratio Lower Upper
173 100
175 50.4 24.3 73.0
254 0.0 0.0 0.0

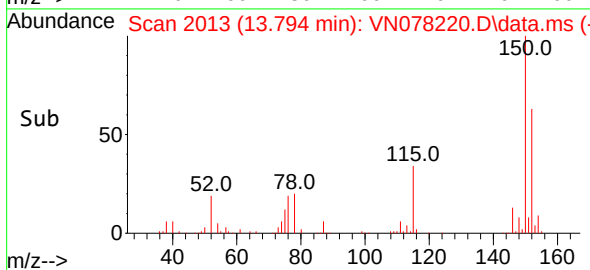
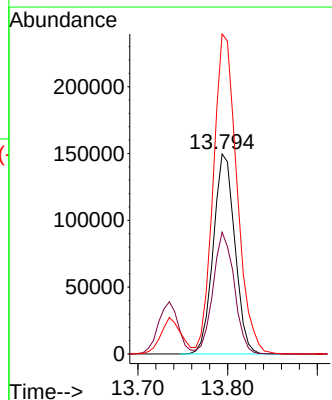
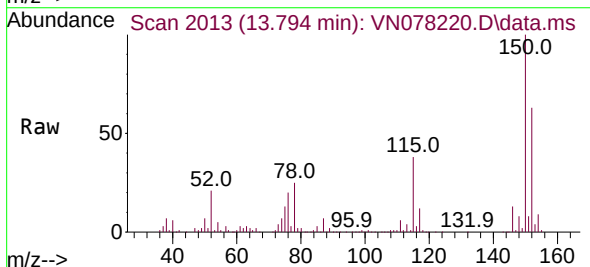
Manual Integrations
APPROVED

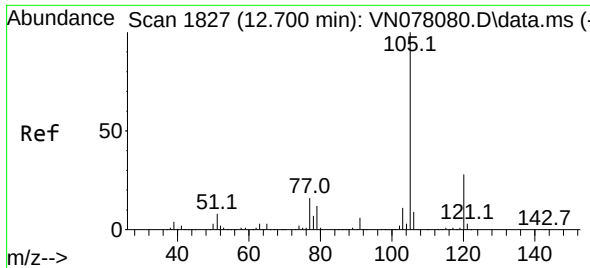
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

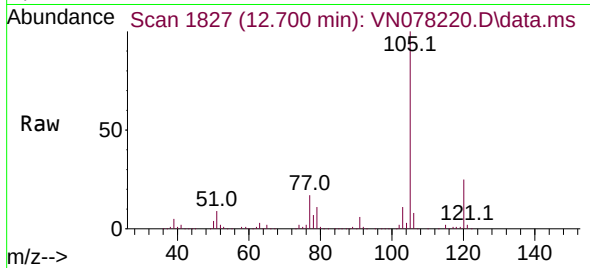
Tgt Ion:152 Resp: 249262
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 175.5 0.0 355.8





#73
Isopropylbenzene
Concen: 44.898 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

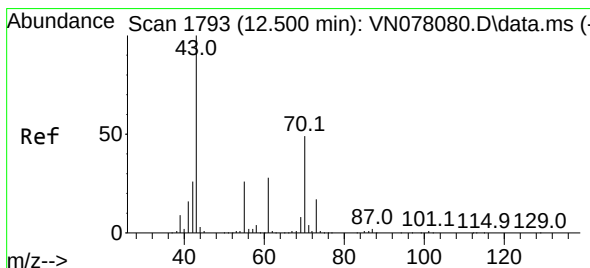
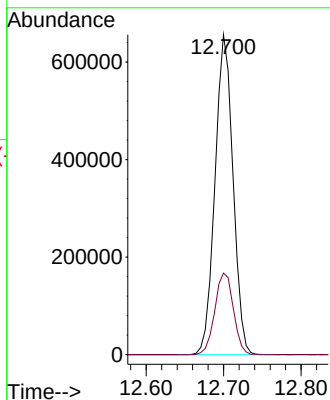
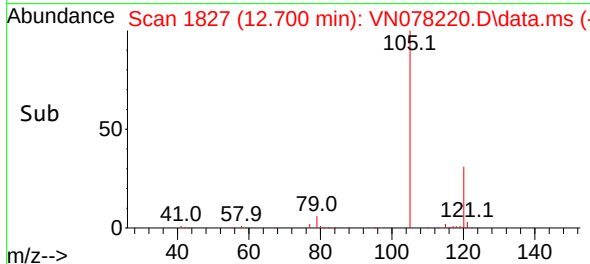
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



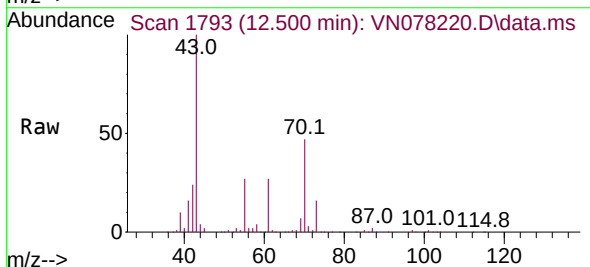
Tgt Ion:105 Resp: 1058298
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

Manual Integrations
APPROVED

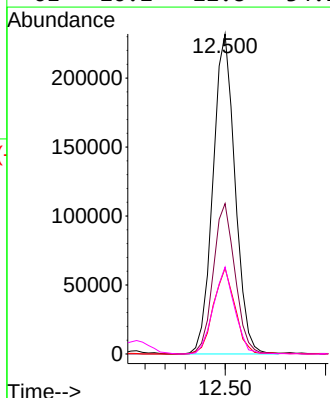
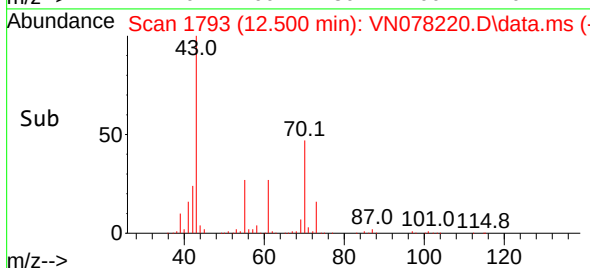
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

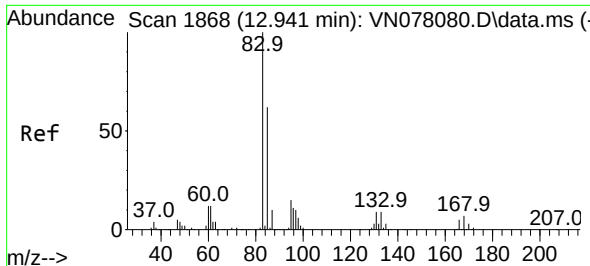


#74
N-ethyl acetate
Concen: 45.670 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



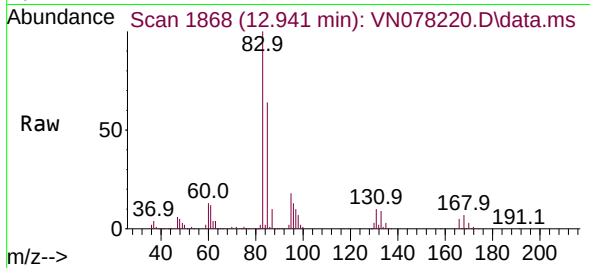
Tgt Ion: 43 Resp: 354492
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 26.5 21.4 32.0
61 26.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.637 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

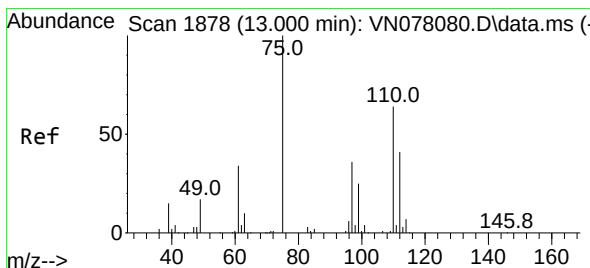
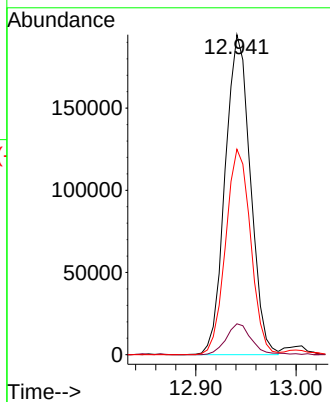
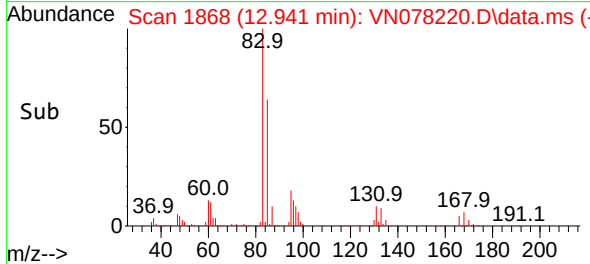
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 340408
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.7 31.9 95.7

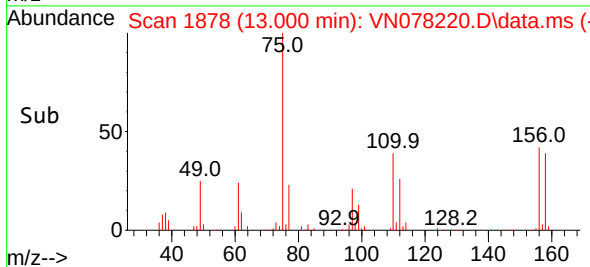
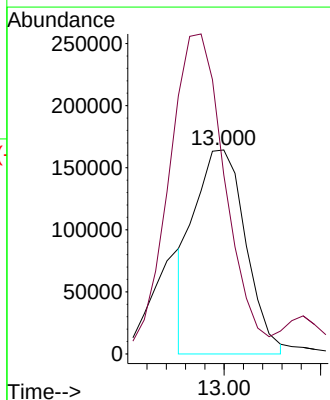
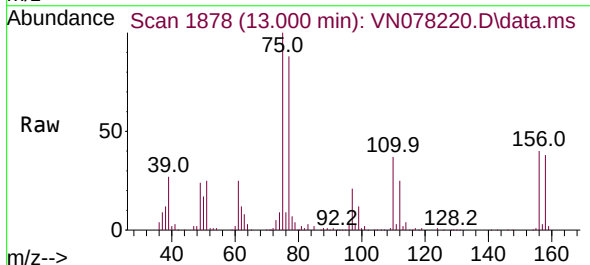
Manual Integrations
APPROVED

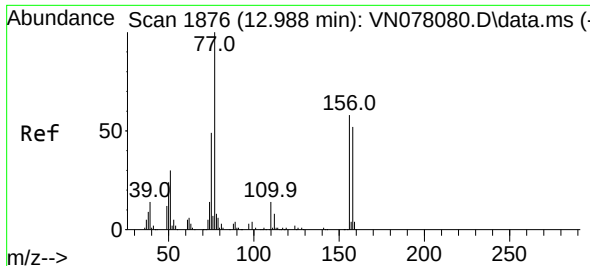
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#76
1,2,3-Trichloropropane
Concen: 51.731 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 75 Resp: 304835
Ion Ratio Lower Upper
75 100
77 172.7 84.5 253.5





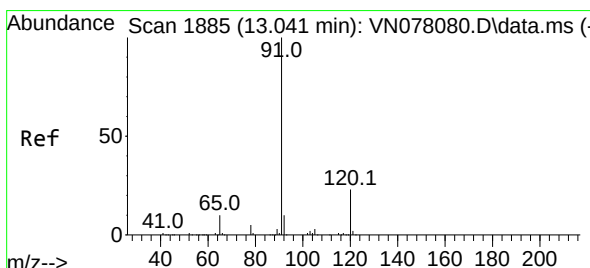
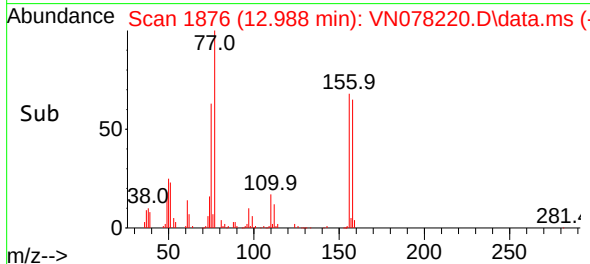
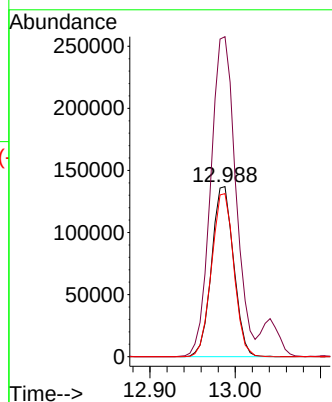
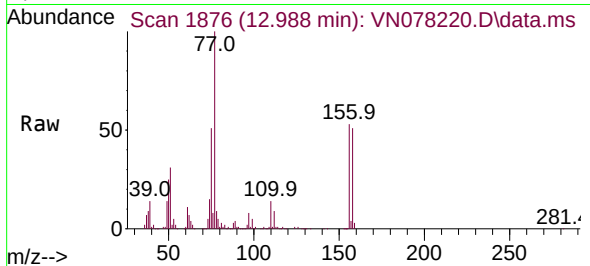
#77
Bromobenzene
Concen: 45.103 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 24679
Ion Ratio Lower Upper
156 100
77 213.3 107.7 323.3
158 96.5 48.4 145.3

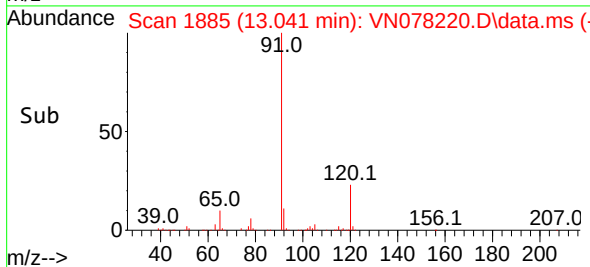
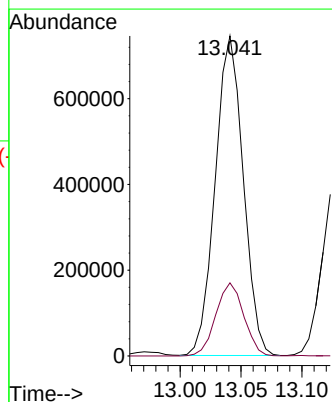
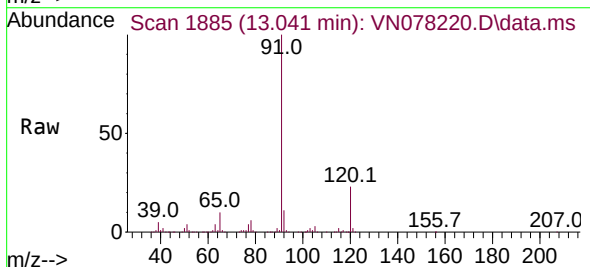
Manual Integrations
APPROVED

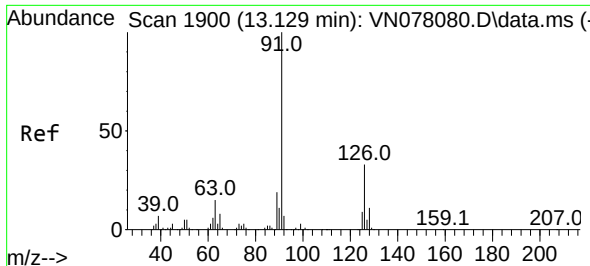
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#78
n-propylbenzene
Concen: 46.648 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion: 91 Resp: 1194612
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





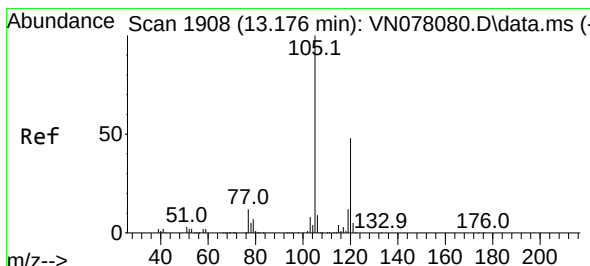
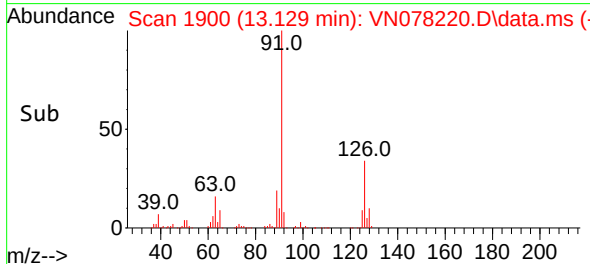
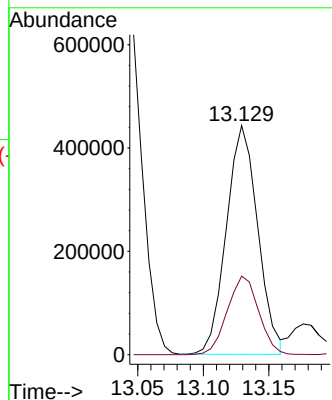
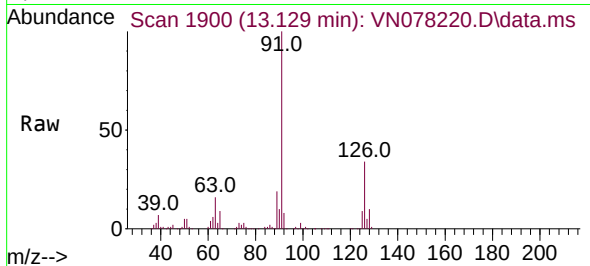
#79
2-Chlorotoluene
Concen: 44.641 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 737945
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

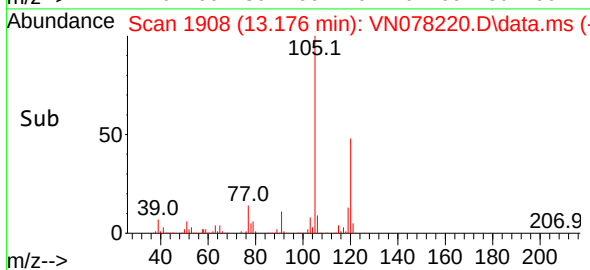
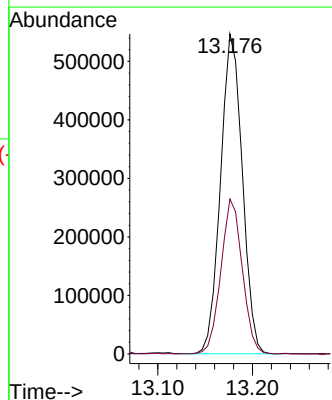
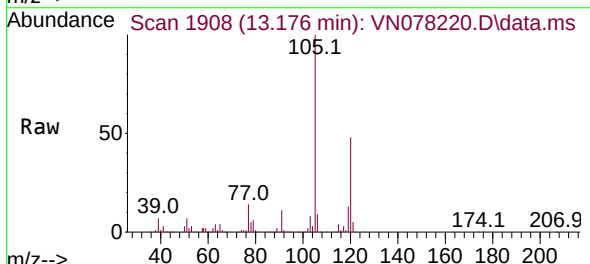
Manual Integrations
APPROVED

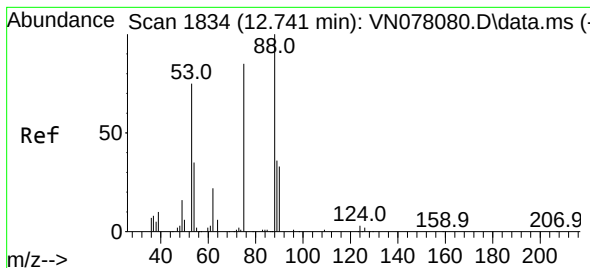
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.836 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

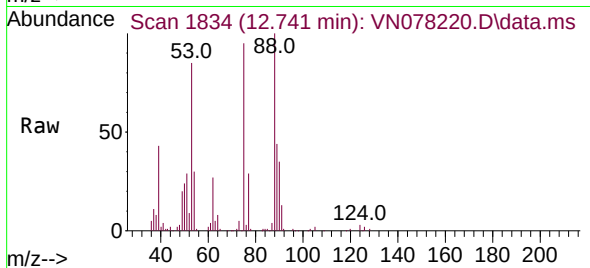
Tgt Ion:105 Resp: 874710
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.211 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

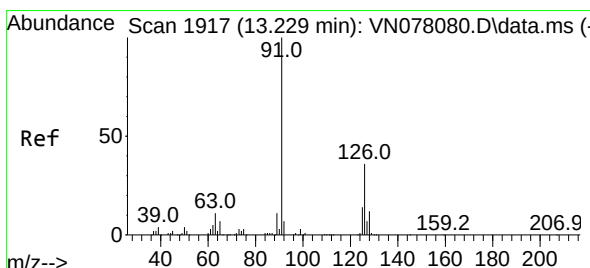
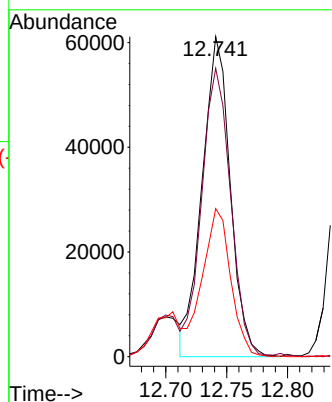
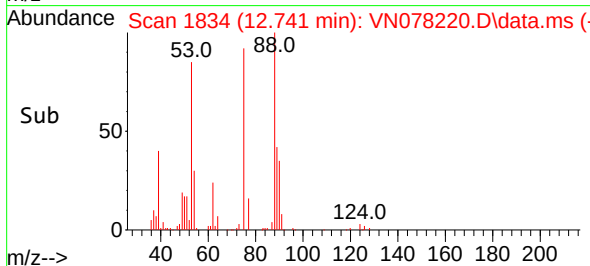
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



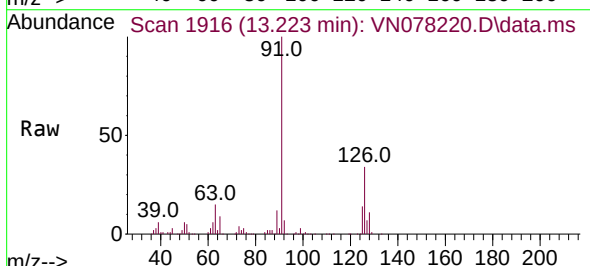
Tgt Ion: 75 Resp: 9822
Ion Ratio Lower Upper
75 100
53 92.2 67.4 101.2
89 45.5 38.8 58.2

Manual Integrations
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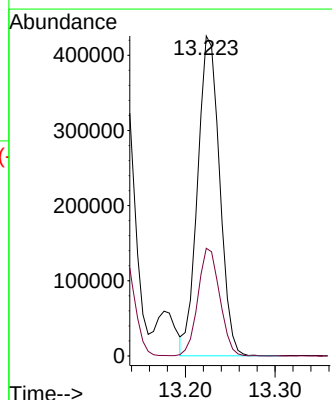
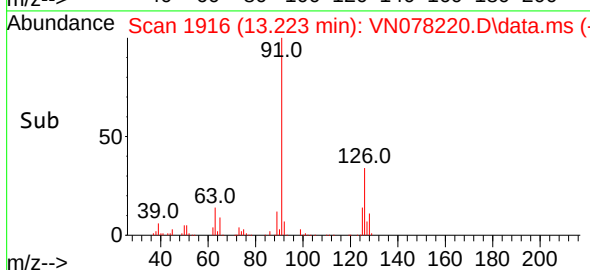
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

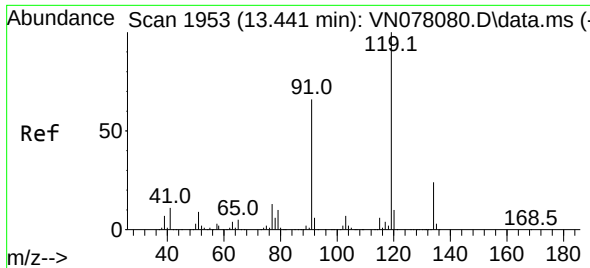


#82
4-Chlorotoluene
Concen: 46.915 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



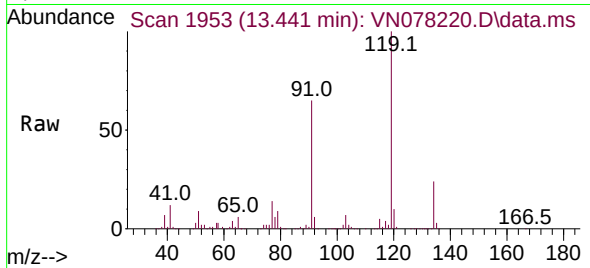
Tgt Ion: 91 Resp: 723805
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 42.802 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

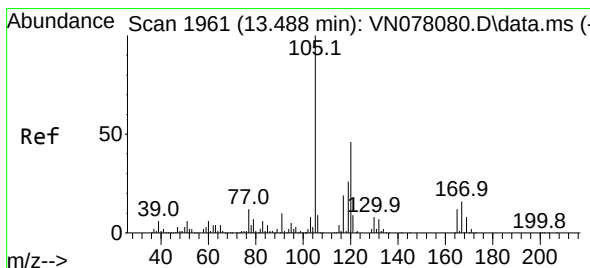
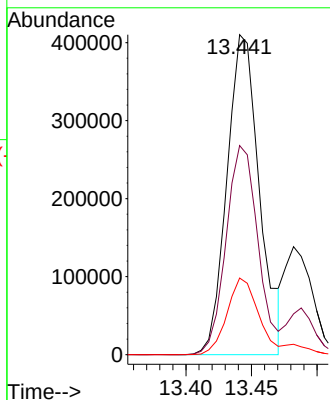
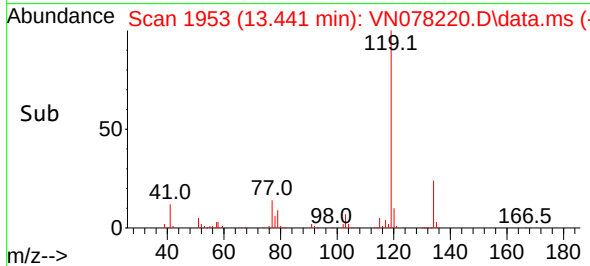
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



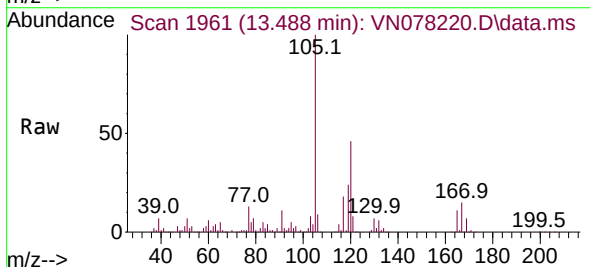
Tgt Ion:119 Resp: 710030
Ion Ratio Lower Upper
119 100
91 64.0 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
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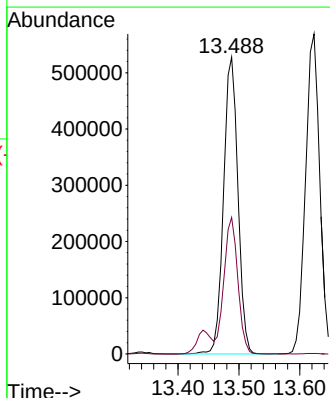
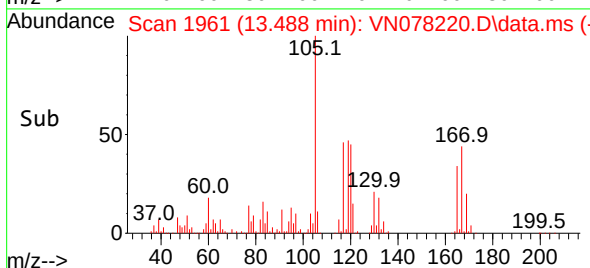
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

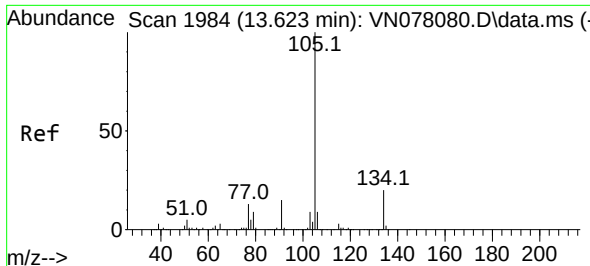


#84
1,2,4-Trimethylbenzene
Concen: 46.783 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



Tgt Ion:105 Resp: 865572
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





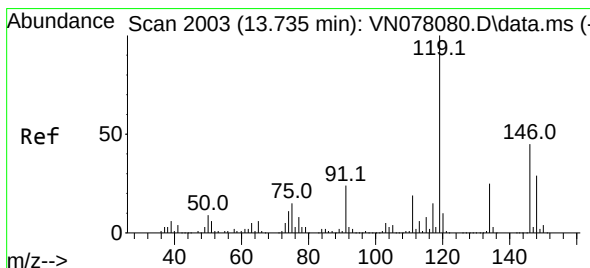
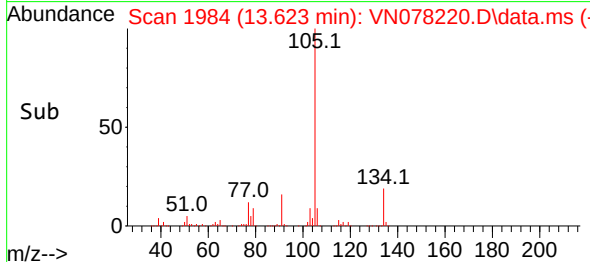
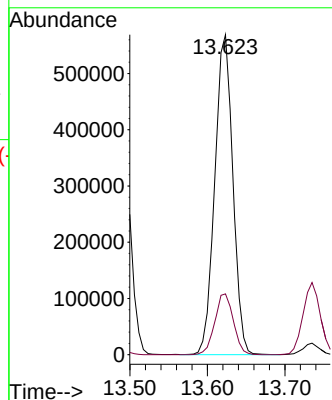
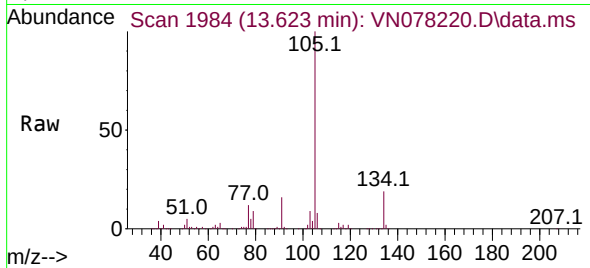
#85
 sec-Butylbenzene
 Concen: 42.438 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078220.D
 Acq: 15 Jun 2023 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 921420
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

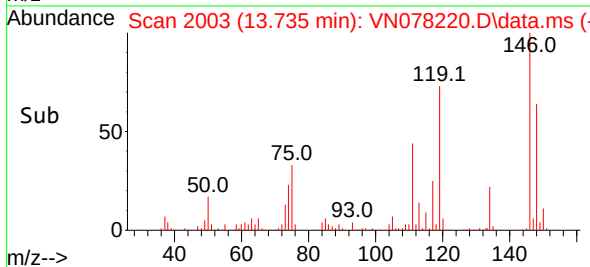
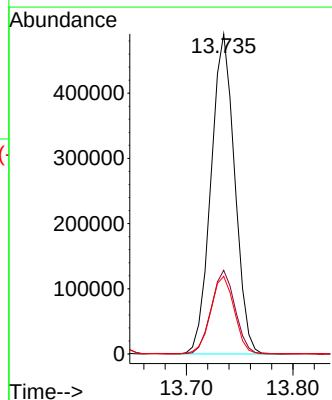
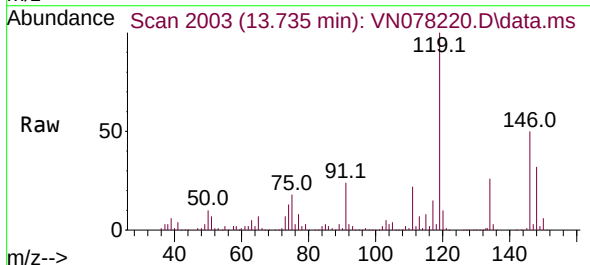
Manual Integrations
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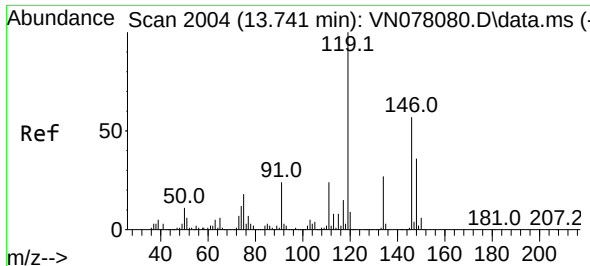
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#86
 p-Isopropyltoluene
 Concen: 43.036 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078220.D
 Acq: 15 Jun 2023 11:33

Tgt Ion:119 Resp: 758268
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.994 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 41643

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.3

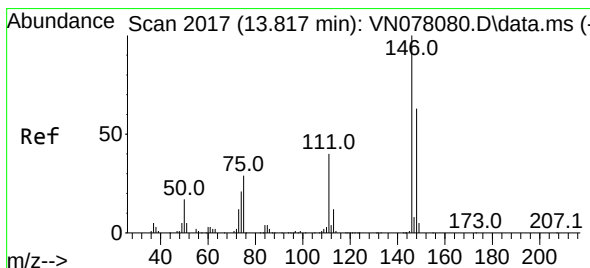
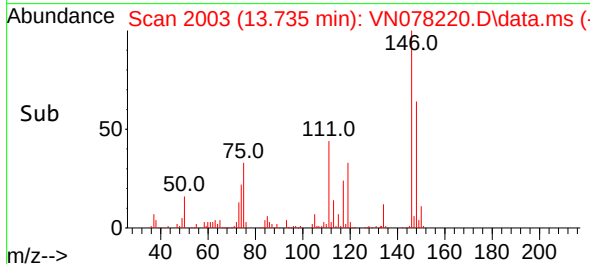
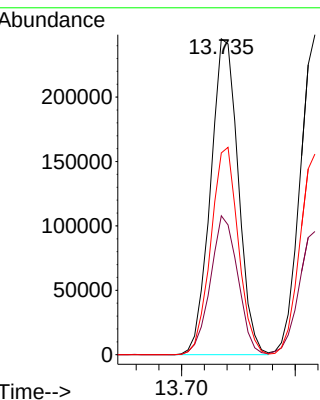
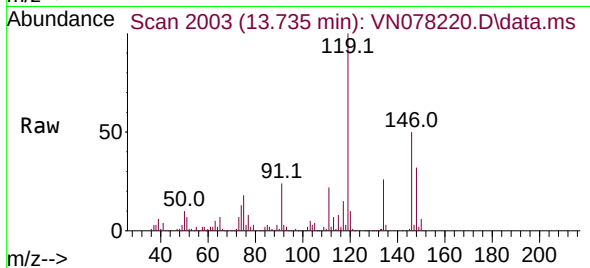
148 65.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#88

1,4-Dichlorobenzene

Concen: 46.197 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078220.D

Acq: 15 Jun 2023 11:33

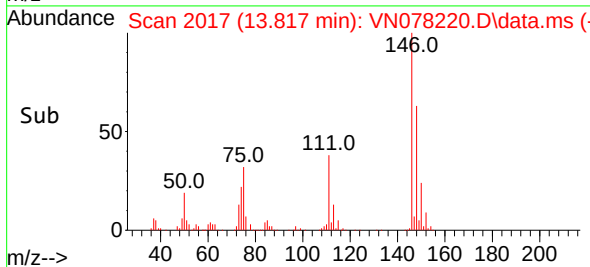
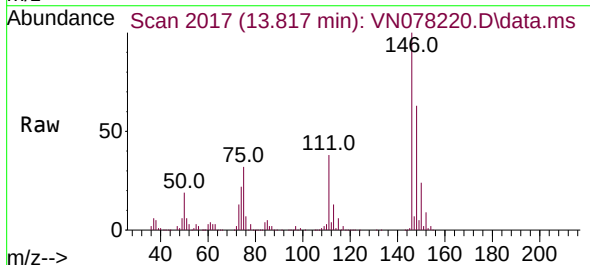
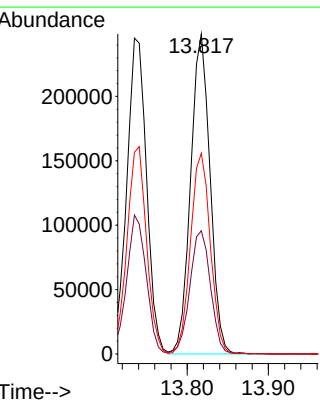
Tgt Ion:146 Resp: 412584

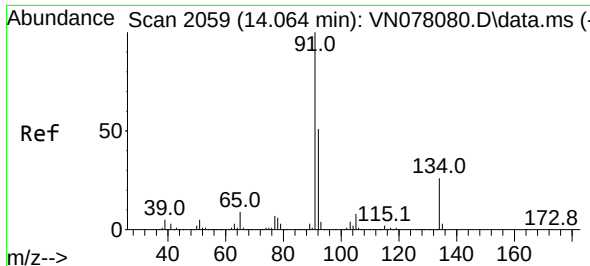
Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

148 64.2 31.6 94.8





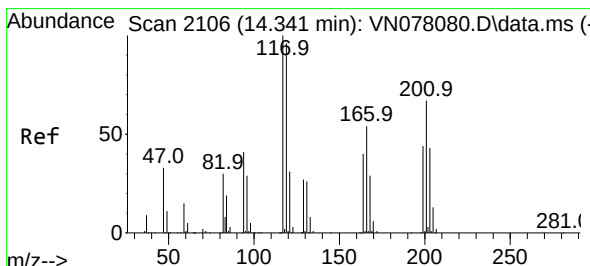
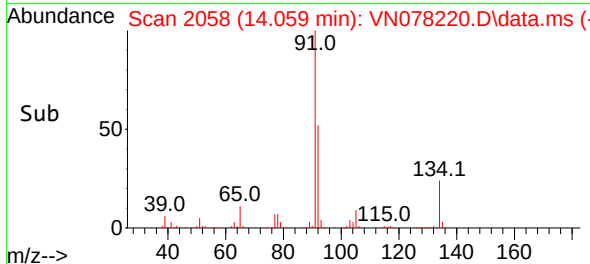
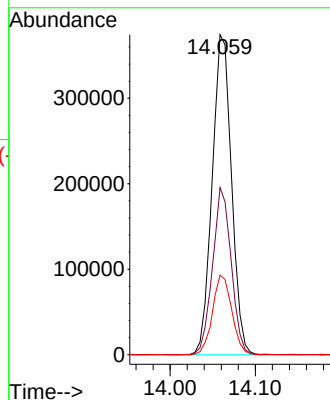
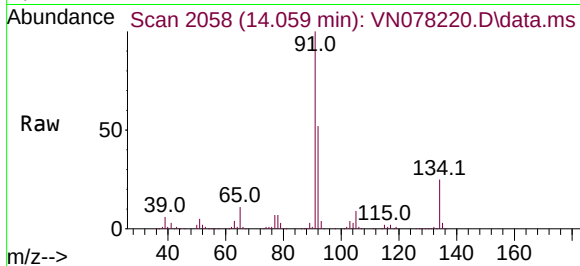
#89
n-Butylbenzene
Concen: 42.388 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 589089
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 24.8 12.6 37.6

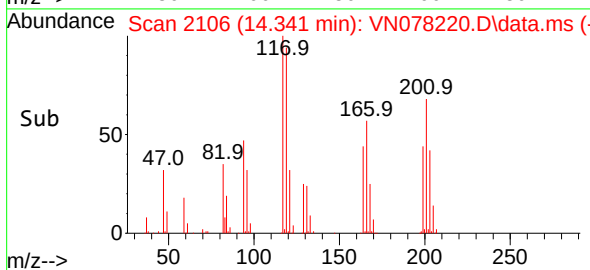
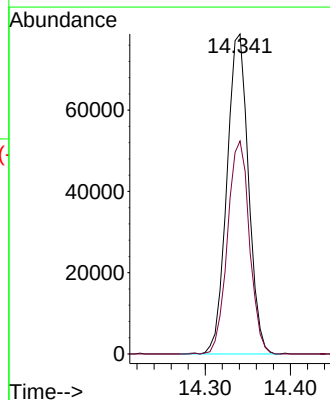
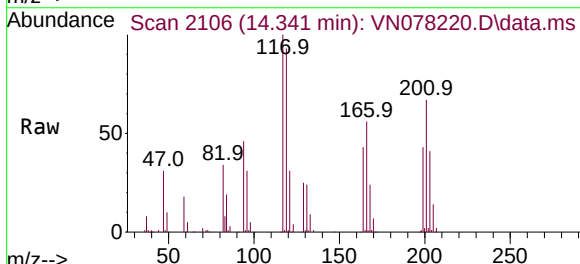
Manual Integrations
APPROVED

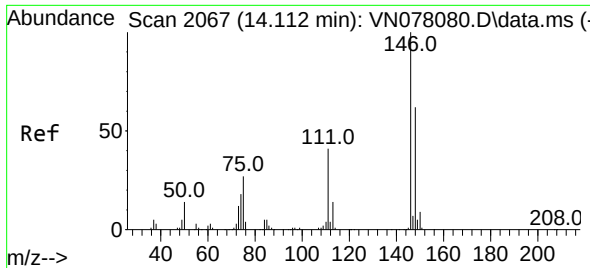
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#90
Hexachloroethane
Concen: 44.201 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Tgt Ion:117 Resp: 138210
Ion Ratio Lower Upper
117 100
201 67.6 29.3 88.0





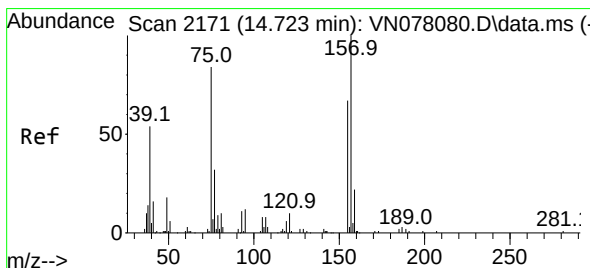
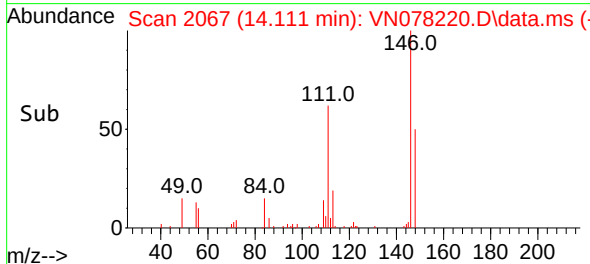
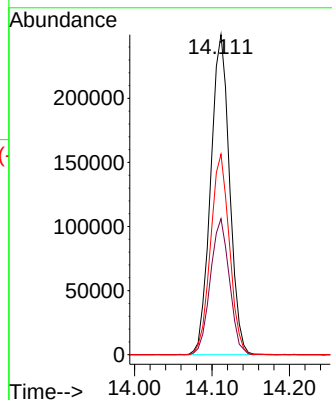
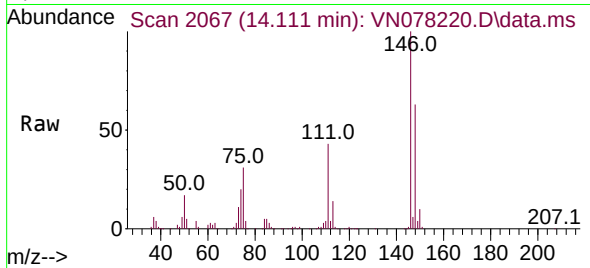
#91
1,2-Dichlorobenzene
Concen: 46.752 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 42290
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 62.6 31.8 95.3

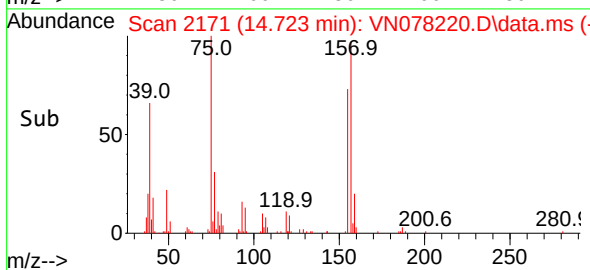
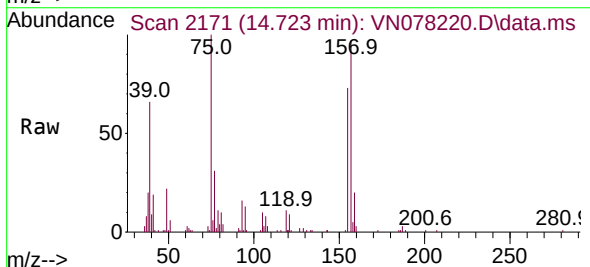
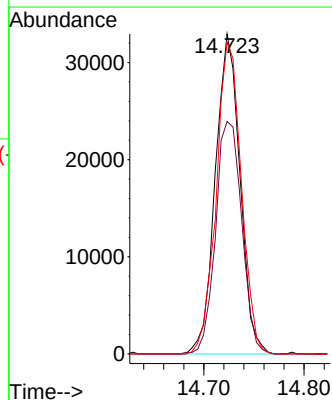
Manual Integrations
APPROVED

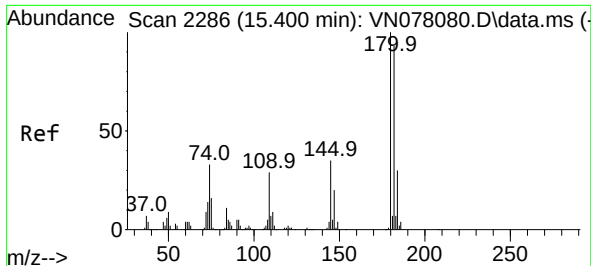
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.030 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

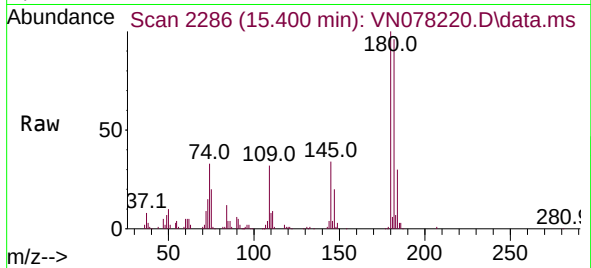
Tgt Ion: 75 Resp: 56076
Ion Ratio Lower Upper
75 100
155 77.3 39.1 117.2
157 99.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 43.125 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

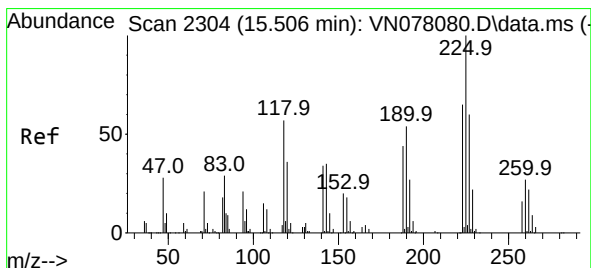
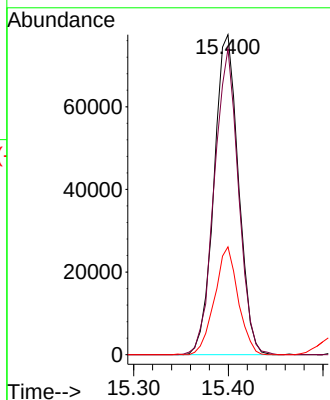
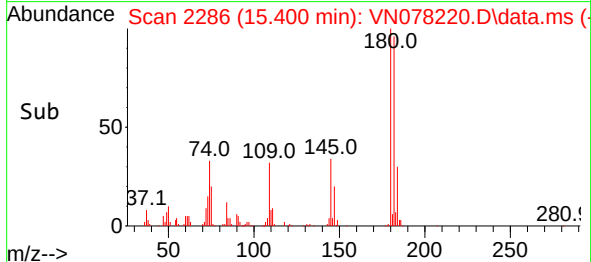
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



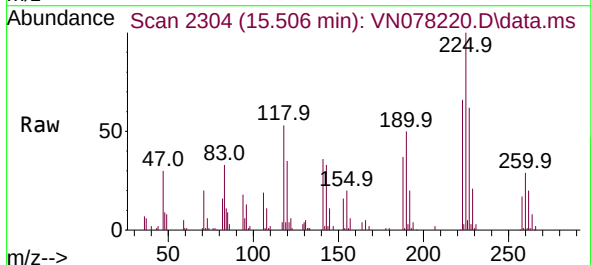
Tgt Ion:180 Resp: 13898
Ion Ratio Lower Upper
180 100
182 94.5 46.1 138.2
145 32.5 16.6 49.8

Manual Integrations
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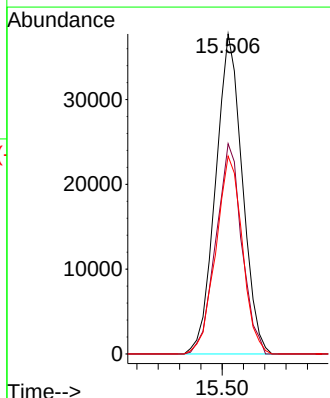
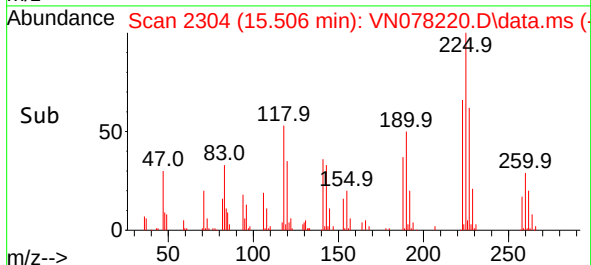
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

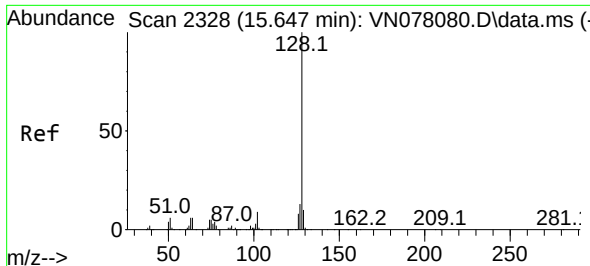


#94
Hexachlorobutadiene
Concen: 40.990 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



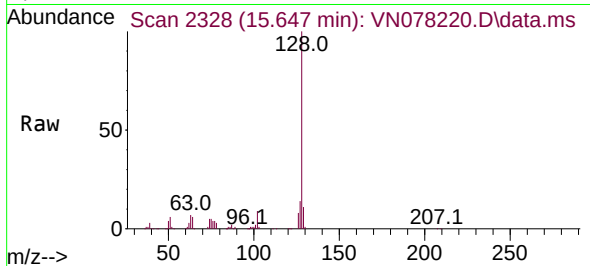
Tgt Ion:225 Resp: 65518
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.8
227 61.5 31.9 95.9





#95
Naphthalene
Concen: 40.331 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33

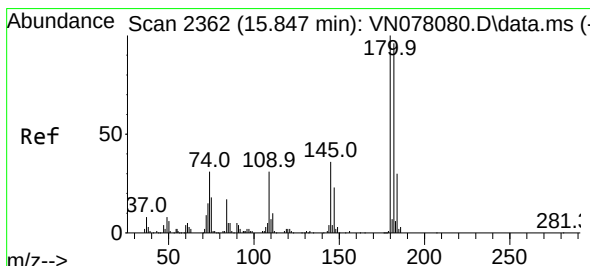
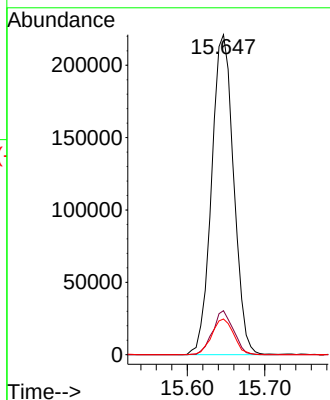
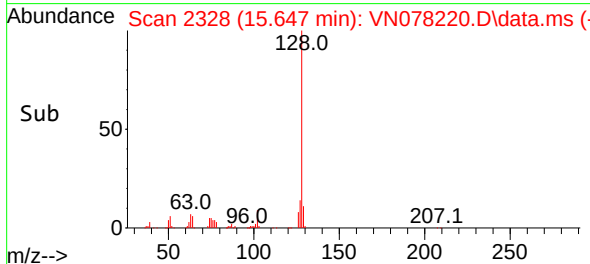
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



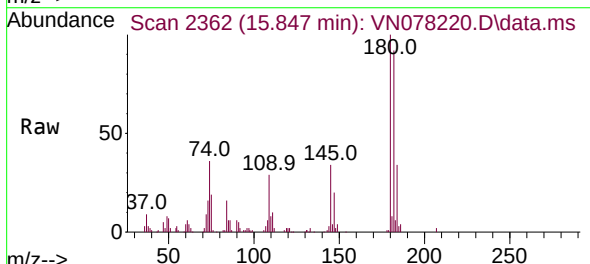
Tgt Ion:128 Resp: 437235
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.014 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078220.D
Acq: 15 Jun 2023 11:33



Tgt Ion:180 Resp: 151440
Ion Ratio Lower Upper
180 100
182 92.9 46.2 138.6
145 34.9 17.5 52.6

