

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078550.D
 Acq On : 18 Jul 2023 10:29
 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 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 01:43:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	483266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	784393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	713959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	297857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318326	49.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.260%		
35) Dibromofluoromethane	8.171	113	292460	54.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.860%		
50) Toluene-d8	10.570	98	1085292	53.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.900%		
62) 4-Bromofluorobenzene	12.853	95	344269	55.564	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	249258	42.068	ug/l	99
3) Chloromethane	2.371	50	319591	49.626	ug/l	99
4) Vinyl Chloride	2.524	62	401756	48.225	ug/l	97
5) Bromomethane	2.947	94	255948	48.415	ug/l	96
6) Chloroethane	3.118	64	249114	49.410	ug/l	96
7) Trichlorofluoromethane	3.500	101	453931	45.582	ug/l	96
8) Diethyl Ether	3.971	74	146445	44.137	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	254864	48.346	ug/l	95
10) Methyl Iodide	4.600	142	346572	47.842	ug/l	97
11) Tert butyl alcohol	5.536	59	218959	219.171	ug/l	99
12) 1,1-Dichloroethene	4.347	96	236930	46.463	ug/l	93
13) Acrolein	4.189	56	214092	217.813	ug/l	95
14) Allyl chloride	5.036	41	327055	46.937	ug/l	94
15) Acrylonitrile	5.736	53	575617	228.041	ug/l	100
16) Acetone	4.441	43	473421	234.586	ug/l	96
17) Carbon Disulfide	4.724	76	587254	39.826	ug/l	99
18) Methyl Acetate	5.036	43	373798	43.754	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	796078	47.382	ug/l	97
20) Methylene Chloride	5.288	84	277000	47.798	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	266784	46.427	ug/l	90
22) Diisopropyl ether	6.683	45	747081	47.883	ug/l	97
23) Vinyl Acetate	6.612	43	2311363	233.026	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	485912	46.219	ug/l	98
25) 2-Butanone	7.494	43	733979	231.045	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	422491	49.134	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	324249	48.777	ug/l	97
28) Bromochloromethane	7.818	49	239549	48.376	ug/l	96
29) Tetrahydrofuran	7.847	42	466745	223.912	ug/l	87
30) Chloroform	7.977	83	541057	49.432	ug/l	94
31) Cyclohexane	8.265	56	365781	41.777	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	482484	49.166	ug/l	98
36) 1,1-Dichloropropene	8.377	75	374993	48.774	ug/l	100
37) Ethyl Acetate	7.571	43	302176	47.148	ug/l	95
38) Carbon Tetrachloride	8.371	117	429081	51.350	ug/l	96
39) Methylcyclohexane	9.606	83	357201	50.898	ug/l	94
40) Benzene	8.612	78	1154557	50.689	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	162094	49.611	ug/l	94
42) 1,2-Dichloroethane	8.676	62	402401	51.940	ug/l	98
43) Isopropyl Acetate	8.694	43	521067	49.381	ug/l	96
44) Trichloroethene	9.359	130	308030	50.176	ug/l	100
45) 1,2-Dichloropropane	9.629	63	296947	51.474	ug/l	100
46) Dibromomethane	9.712	93	211572	52.107	ug/l	90
47) Bromodichloromethane	9.894	83	433050	53.205	ug/l	98
48) Methyl methacrylate	9.688	41	241511	49.403	ug/l	90
49) 1,4-Dioxane	9.700	88	104509	980.285	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1595269	254.170	ug/l	94
52) Toluene	10.635	92	741320	52.513	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	438659	52.607	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	477353	53.706	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	292203	52.535	ug/l	94
56) Ethyl methacrylate	10.876	69	411537	52.930	ug/l	93
57) 1,3-Dichloropropane	11.170	76	484012	51.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	730799	263.748	ug/l	93
59) 2-Hexanone	11.200	43	1117256	250.466	ug/l	92
60) Dibromochloromethane	11.365	129	333053	54.240	ug/l	98
61) 1,2-Dibromoethane	11.476	107	302218	52.747	ug/l	98
64) Tetrachloroethene	11.112	164	277182	51.639	ug/l	94
65) Chlorobenzene	11.894	112	805162	50.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	317545	51.723	ug/l	97
67) Ethyl Benzene	11.970	91	1393402	51.655	ug/l	100
68) m/p-Xylenes	12.076	106	1071974	107.481	ug/l	98
69) o-Xylene	12.400	106	519628	51.582	ug/l	97
70) Styrene	12.417	104	865578	54.922	ug/l	98
71) Bromoform	12.582	173	226819	54.552	ug/l #	99
73) Isopropylbenzene	12.700	105	1328412	47.464	ug/l	98
74) N-amyl acetate	12.500	43	410888	42.600	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	408219	52.368	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	328629m	45.646	ug/l	
77) Bromobenzene	12.982	156	321285	52.876	ug/l	93
78) n-propylbenzene	13.041	91	1490384	49.793	ug/l	99
79) 2-Chlorotoluene	13.129	91	906886	46.257	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1091097	49.340	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	124149	45.314	ug/l	95
82) 4-Chlorotoluene	13.229	91	887968	48.551	ug/l	97
83) tert-Butylbenzene	13.441	119	914375	48.702	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1069143	49.774	ug/l	97
85) sec-Butylbenzene	13.623	105	1178828	49.674	ug/l	99
86) p-Isopropyltoluene	13.735	119	967865	50.792	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	547603	50.966	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	526549	48.654	ug/l	97
89) n-Butylbenzene	14.058	91	705508	51.745	ug/l	98
90) Hexachloroethane	14.341	117	189491	54.172	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	531275	49.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63963	47.648	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	170335	49.914	ug/l	95
94) Hexachlorobutadiene	15.505	225	100054	57.278	ug/l	99
95) Naphthalene	15.647	128	487735	41.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	185539	47.284	ug/l	96

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

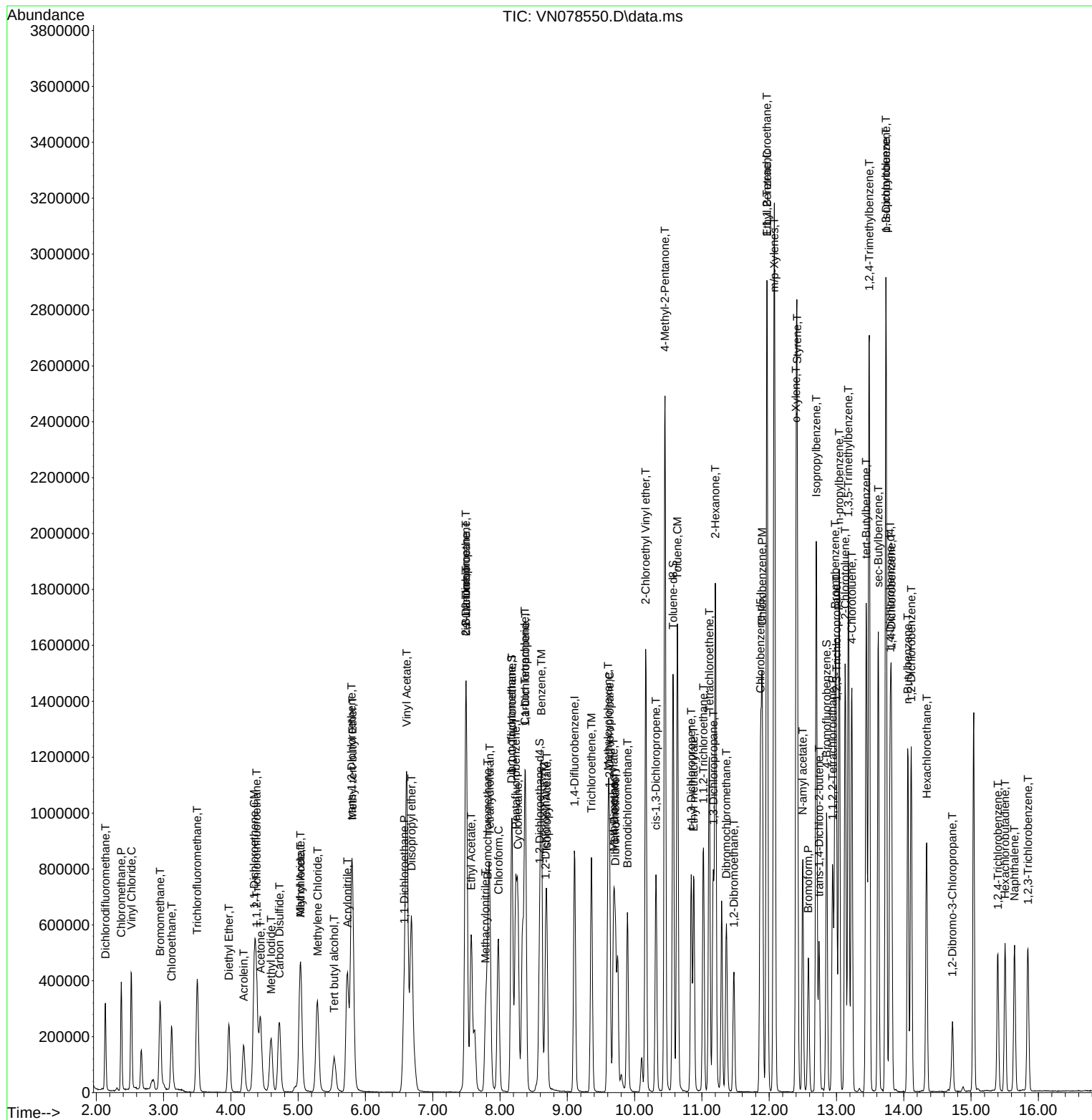
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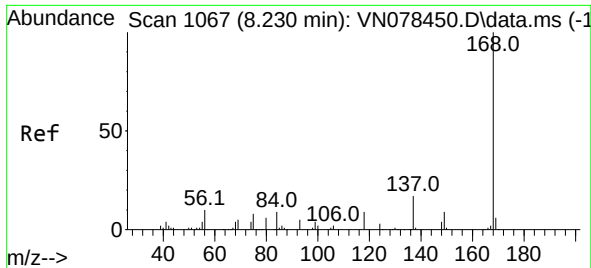
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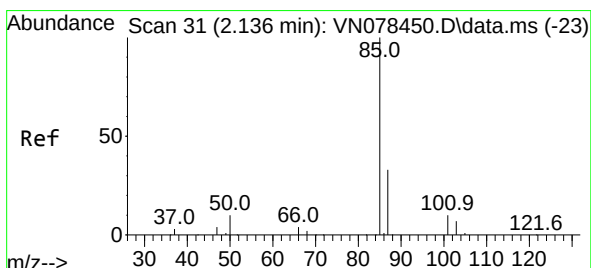
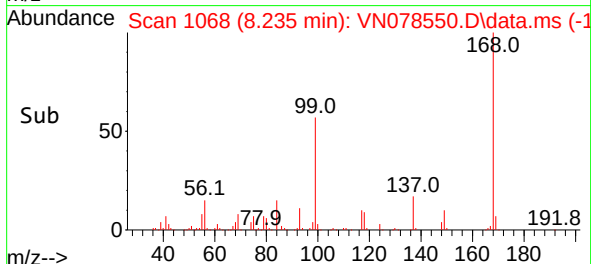
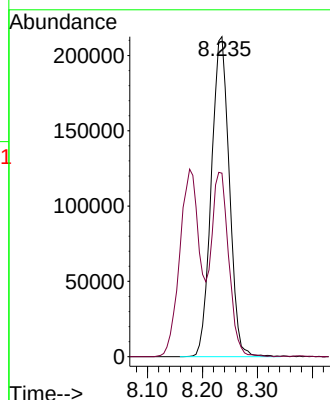
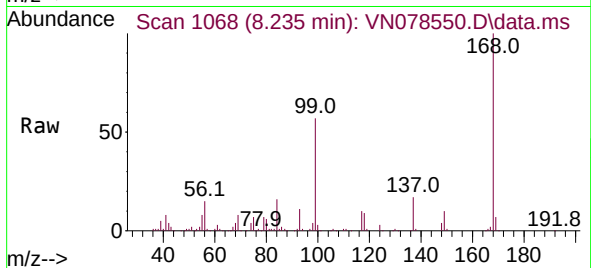
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078550.D
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Tgt Ion:168 Resp: 483260
Ion Ratio Lower Upper
168 100
99 57.2 53.0 79.6

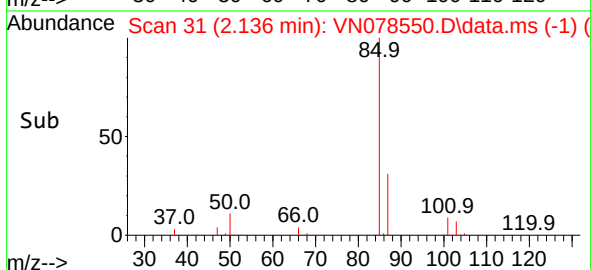
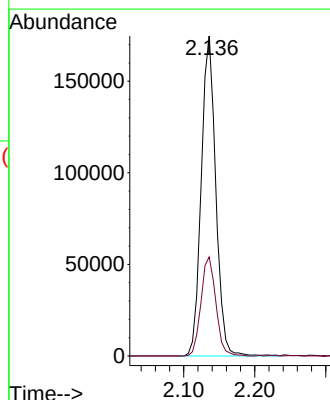
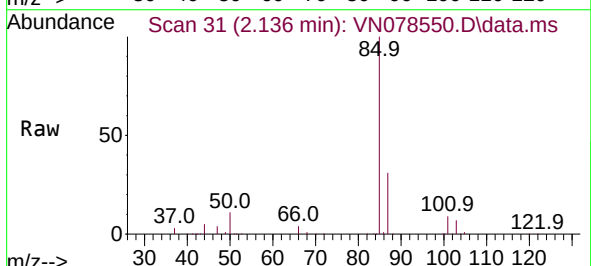
Manual Integrations
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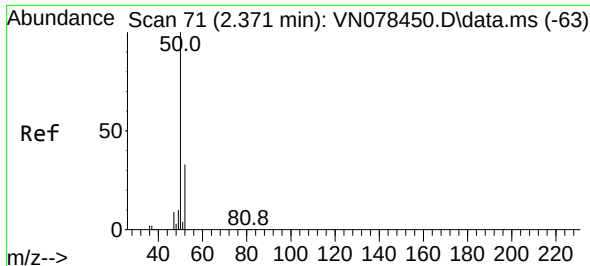
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#2
Dichlorodifluoromethane
Concen: 42.068 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

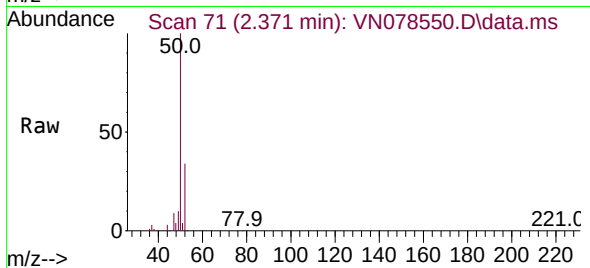
Tgt Ion: 85 Resp: 249258
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





#3
Chloromethane
Concen: 49.626 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

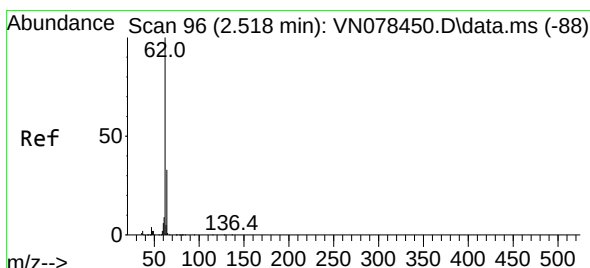
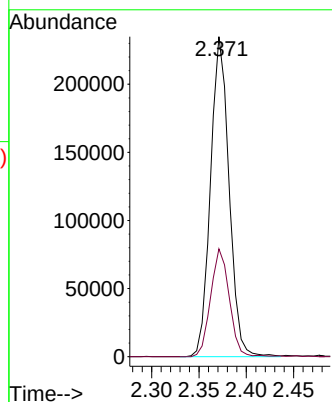
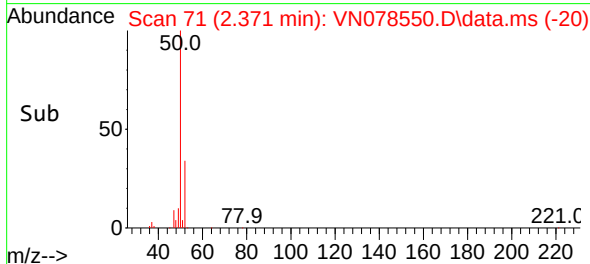
Instrument :
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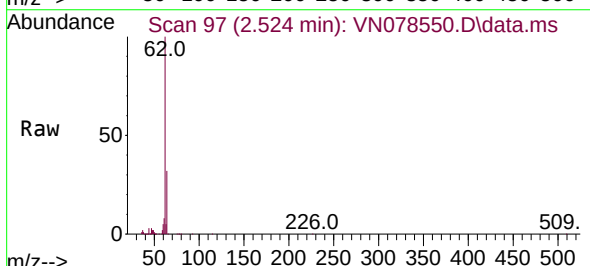
Tgt Ion: 50 Resp: 31959
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

Manual Integrations
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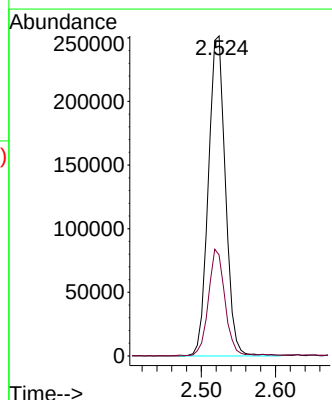
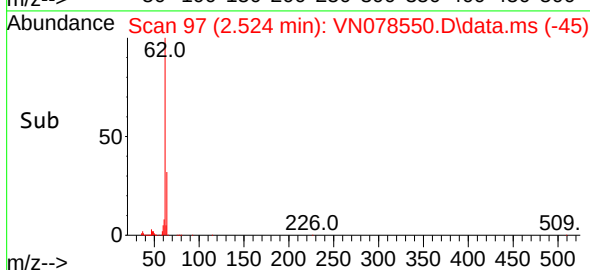
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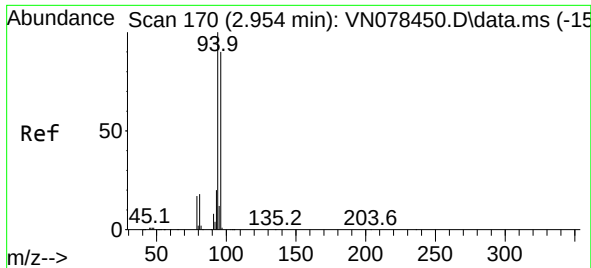


#4
Vinyl Chloride
Concen: 48.225 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



Tgt Ion: 62 Resp: 401756
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2





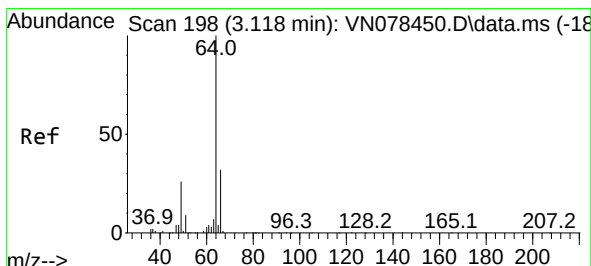
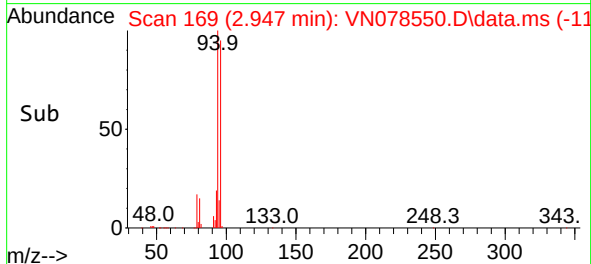
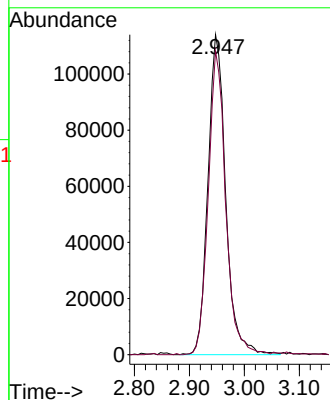
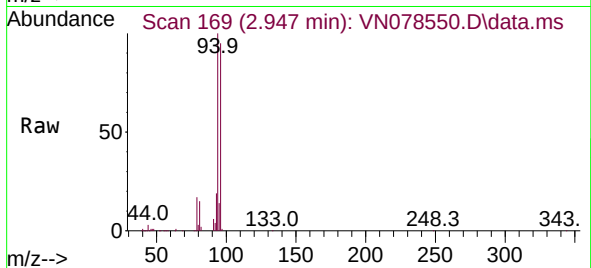
#5
Bromomethane
Concen: 48.415 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN078550.D
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Tgt Ion: 94 Resp: 25594
Ion Ratio Lower Upper
94 100
96 94.9 73.1 109.7

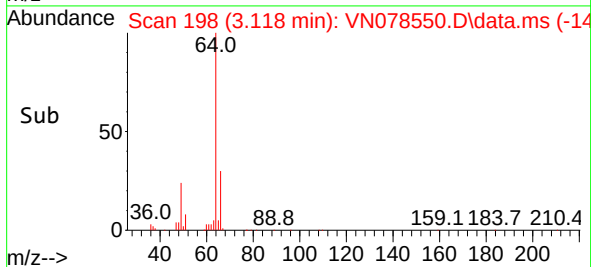
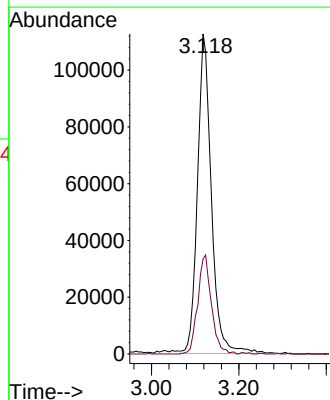
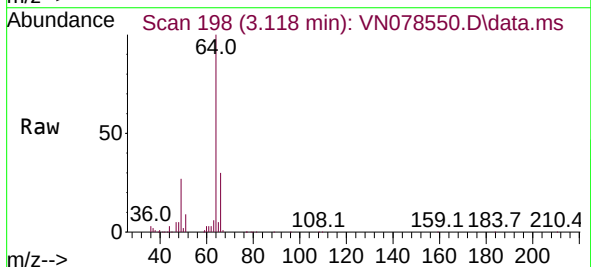
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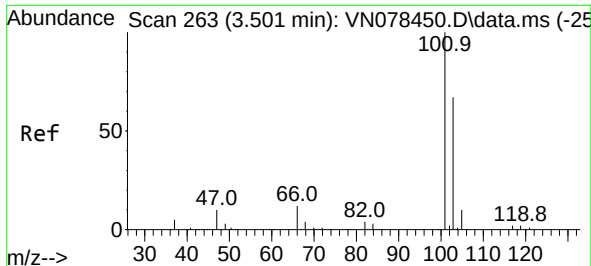
Reviewed By :John Carlone 07/19/2023
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#6
Chloroethane
Concen: 49.410 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Tgt Ion: 64 Resp: 249114
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.2





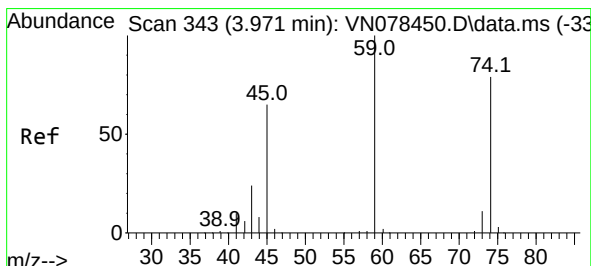
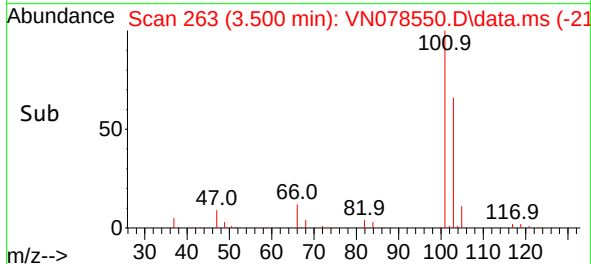
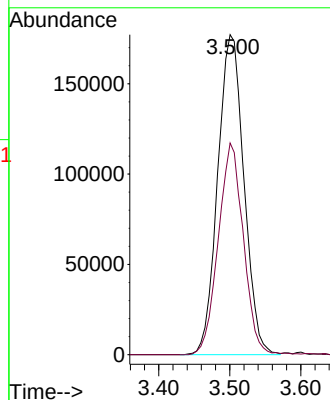
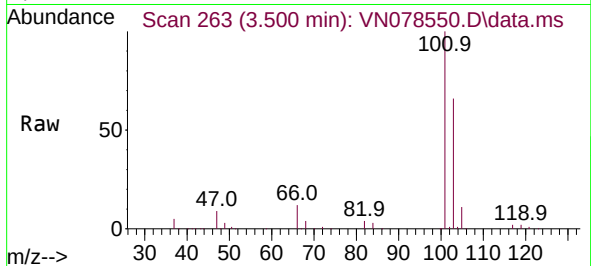
#7
Trichlorofluoromethane
Concen: 45.582 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Instrument :
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Tgt Ion:101 Resp: 45393
Ion Ratio Lower Upper
101 100
103 66.2 50.7 76.1

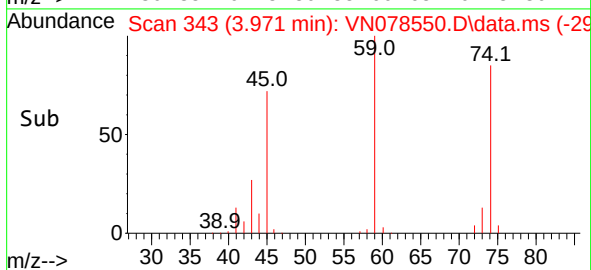
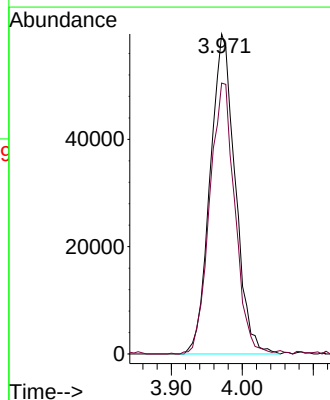
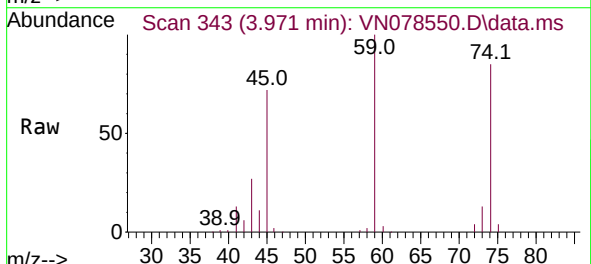
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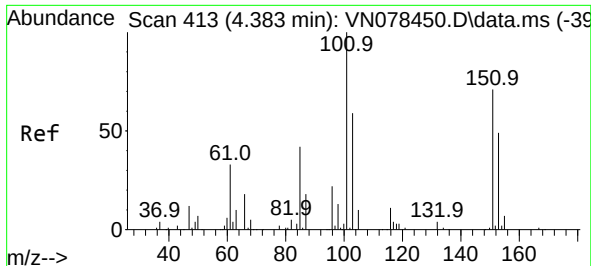
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#8
Diethyl Ether
Concen: 44.137 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078550.D
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Tgt Ion: 74 Resp: 146445
Ion Ratio Lower Upper
74 100
45 84.8 34.4 103.3





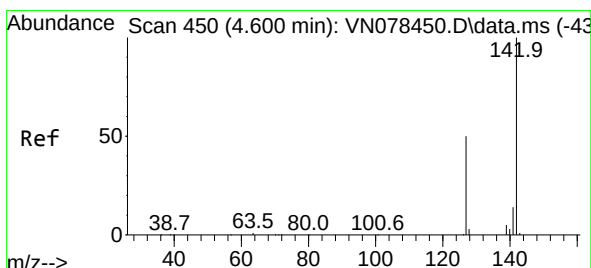
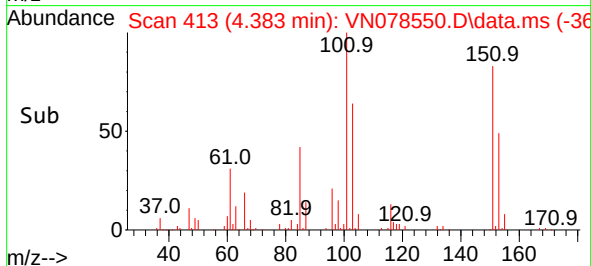
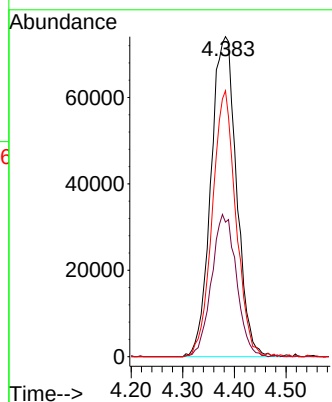
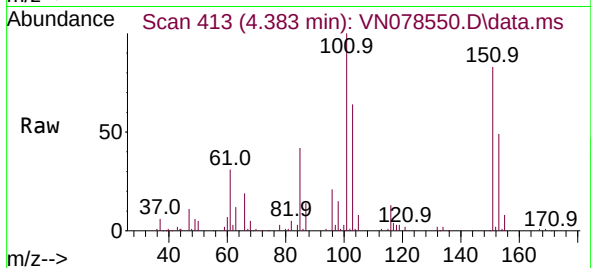
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.346 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 254864
Ion Ratio Lower Upper
101 100
85 43.2 36.6 55.0
151 76.5 57.6 86.4

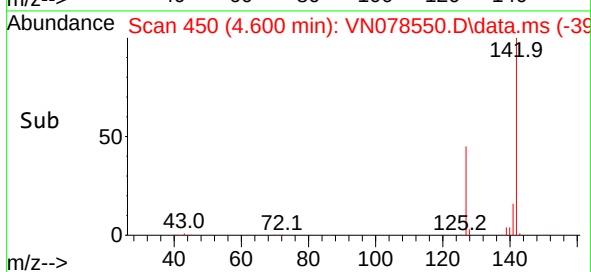
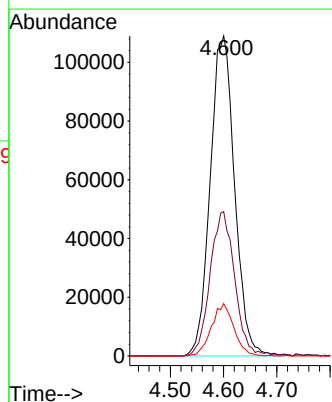
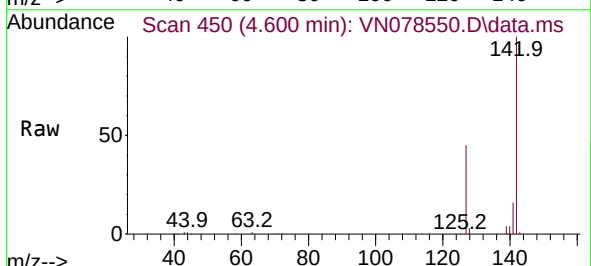
Manual Integrations
APPROVED

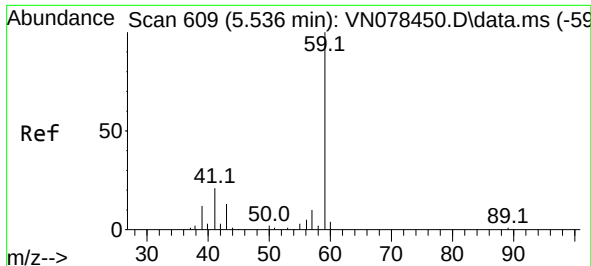
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#10
Methyl Iodide
Concen: 47.842 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

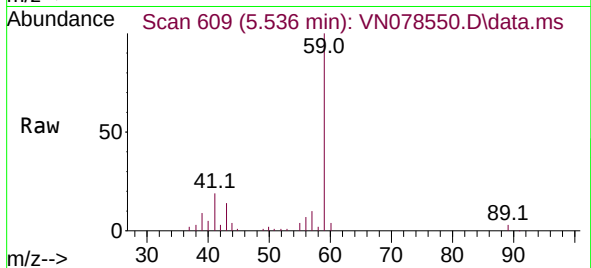
Tgt Ion:142 Resp: 346572
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 16.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 219.171 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

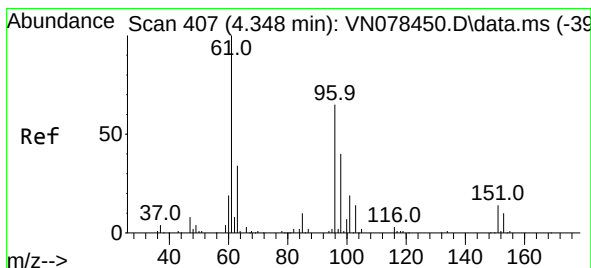
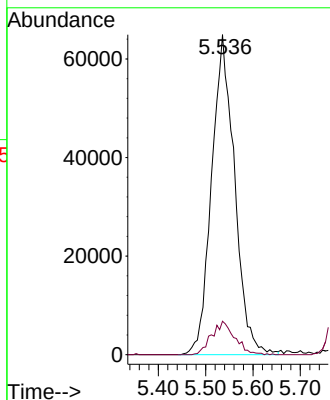
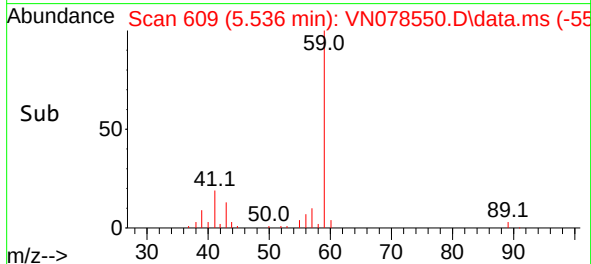
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



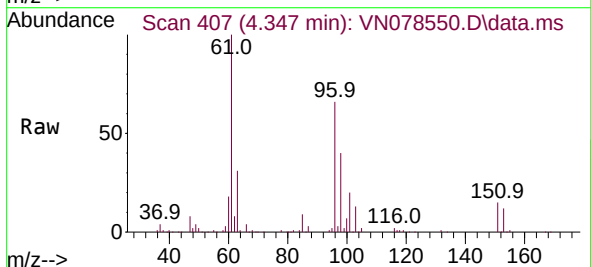
Tgt Ion: 59 Resp: 218959
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

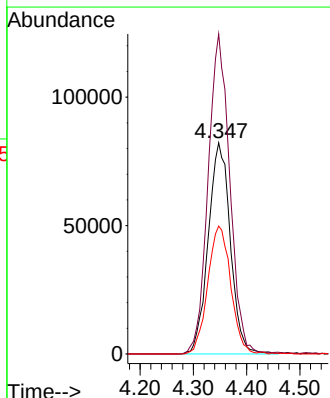
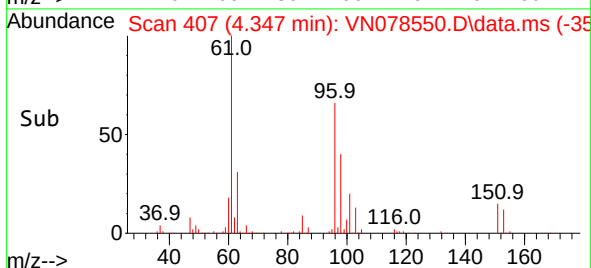
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

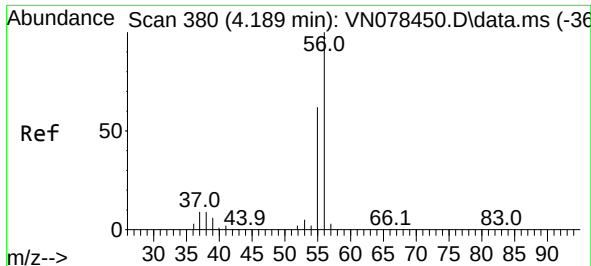


#12
1,1-Dichloroethene
Concen: 46.463 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



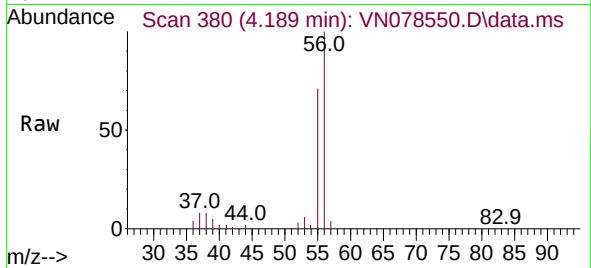
Tgt Ion: 96 Resp: 236930
Ion Ratio Lower Upper
96 100
61 151.5 112.7 169.1
98 60.5 51.2 76.8





#13
Acrolein
Concen: 217.813 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

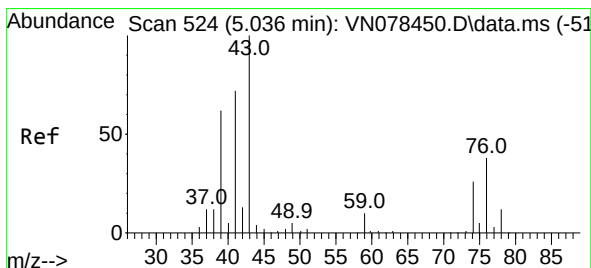
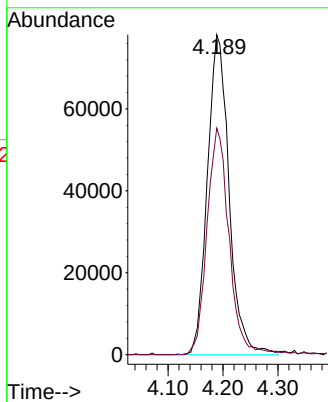
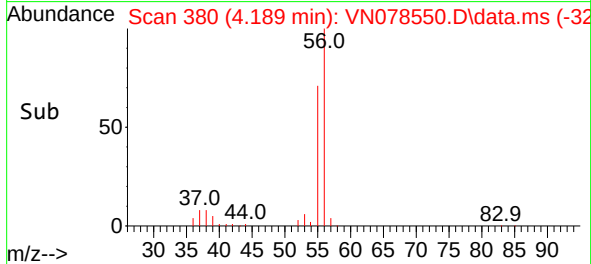
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 214092
Ion Ratio Lower Upper
56 100
55 71.9 54.5 81.7

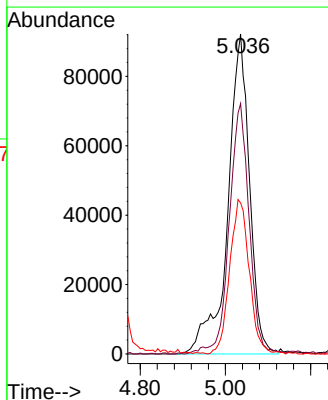
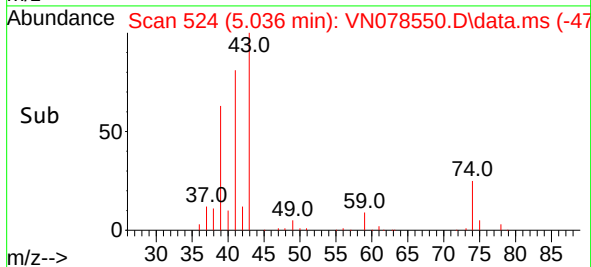
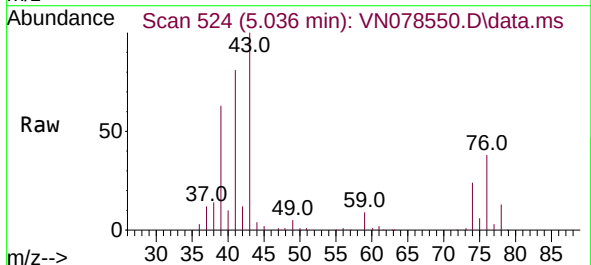
Manual Integrations
APPROVED

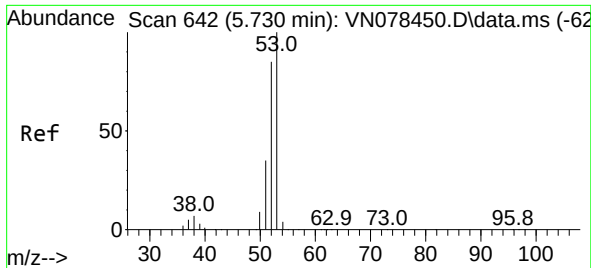
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#14
Allyl chloride
Concen: 46.937 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

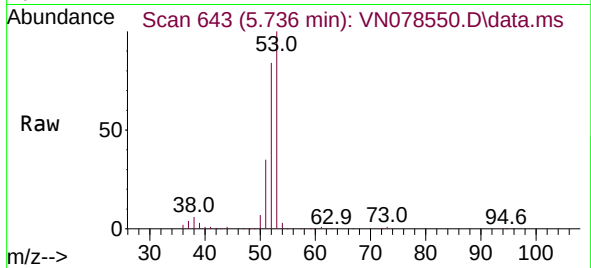
Tgt Ion: 41 Resp: 327055
Ion Ratio Lower Upper
41 100
39 69.6 58.8 88.2
76 43.3 39.1 58.7





#15
Acrylonitrile
Concen: 228.041 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.005 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

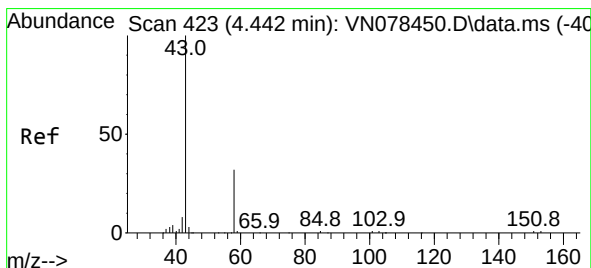
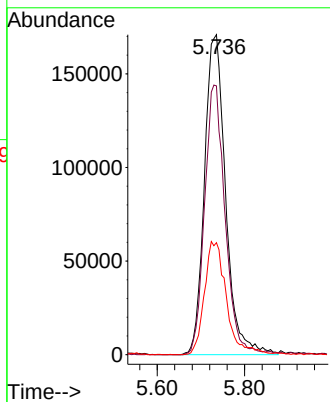
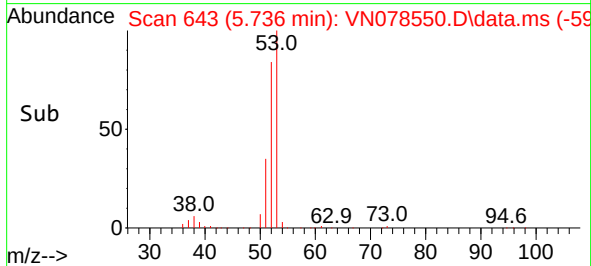
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 57561
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 36.7 28.9 43.3

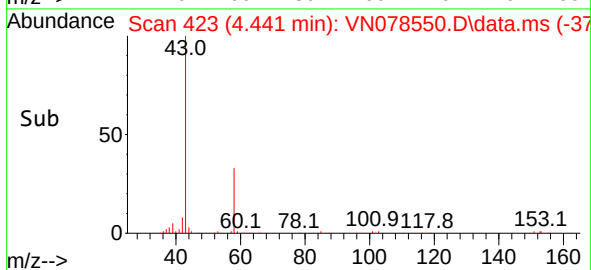
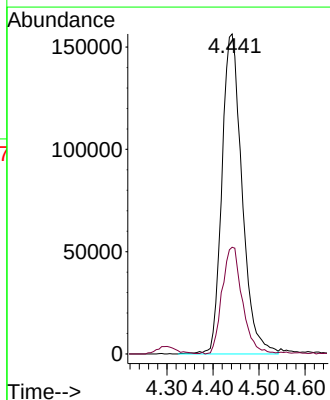
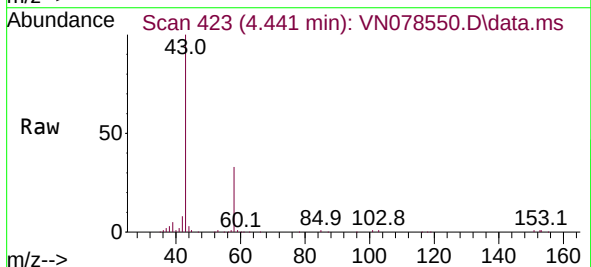
Manual Integrations
APPROVED

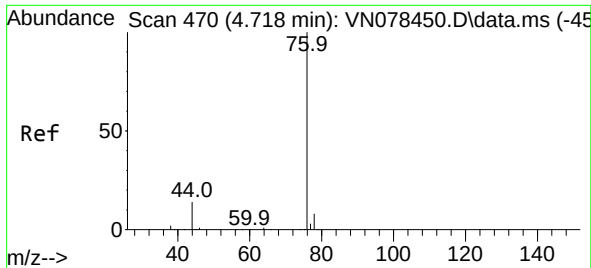
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#16
Acetone
Concen: 234.586 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Tgt Ion: 43 Resp: 473421
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0





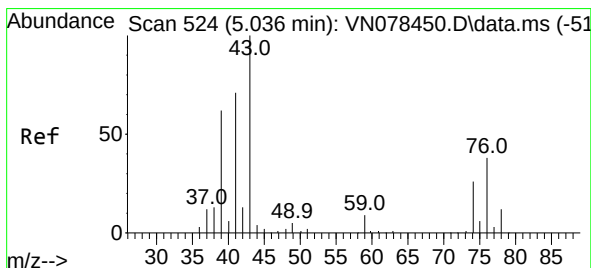
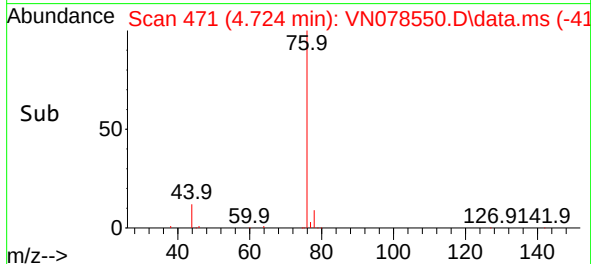
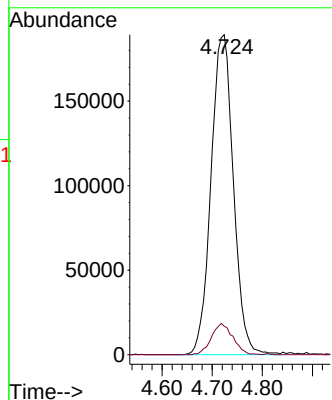
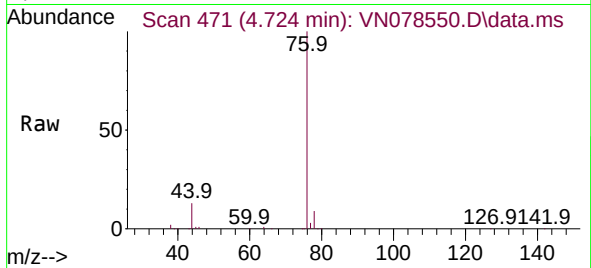
#17
Carbon Disulfide
Concen: 39.826 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 587254
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

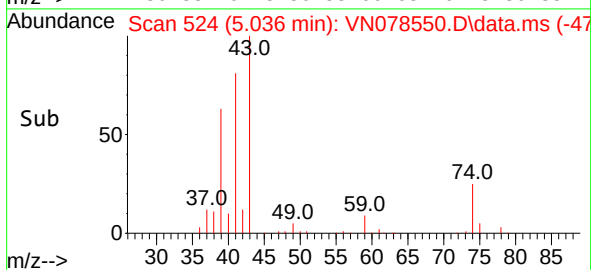
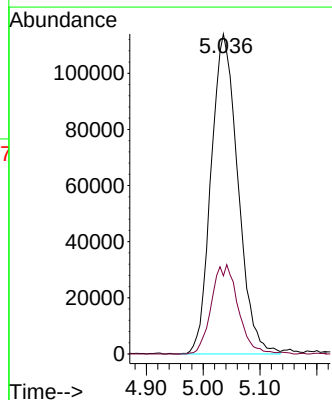
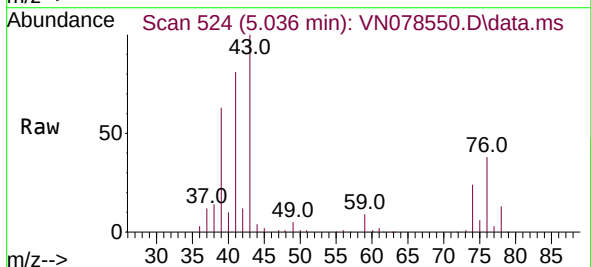
Manual Integrations
APPROVED

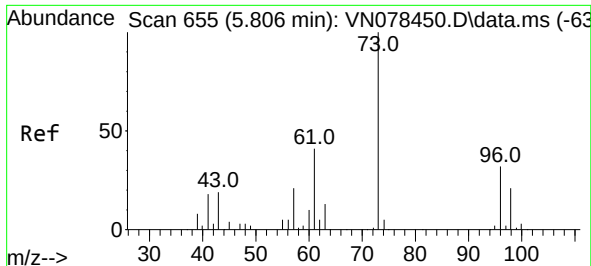
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#18
Methyl Acetate
Concen: 43.754 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

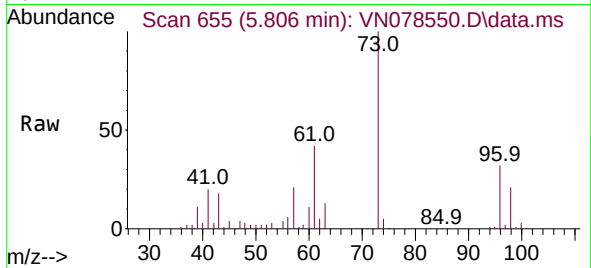
Tgt Ion: 43 Resp: 373798
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 47.382 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

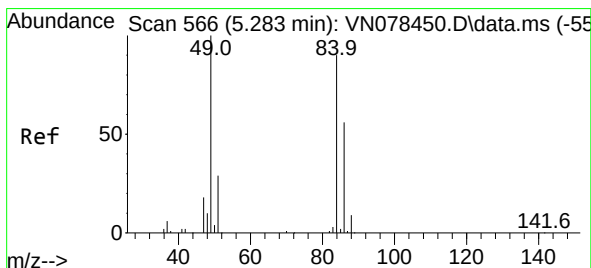
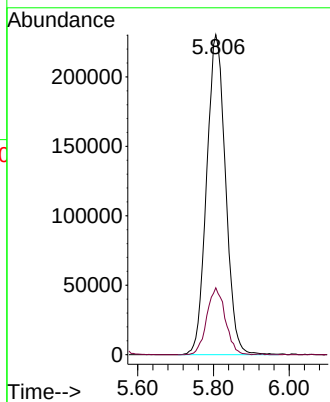
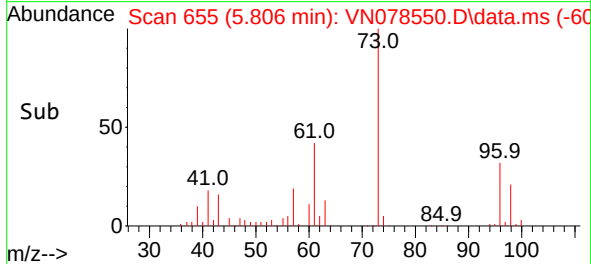
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 796078
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4

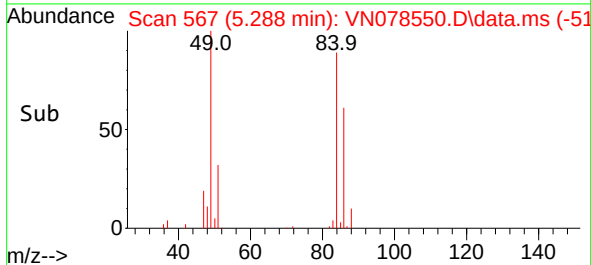
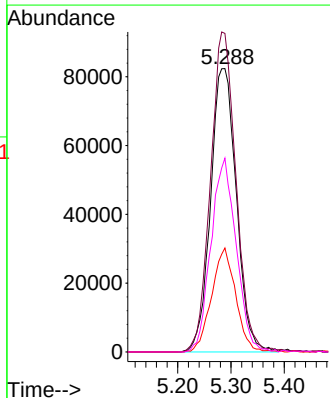
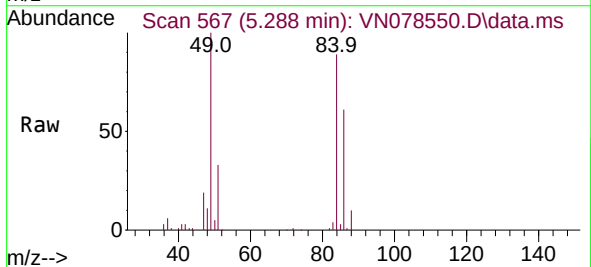
Manual Integrations
APPROVED

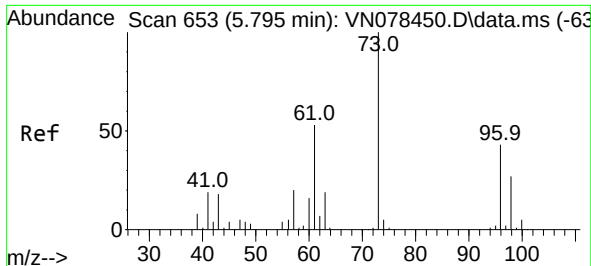
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#20
Methylene Chloride
Concen: 47.798 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

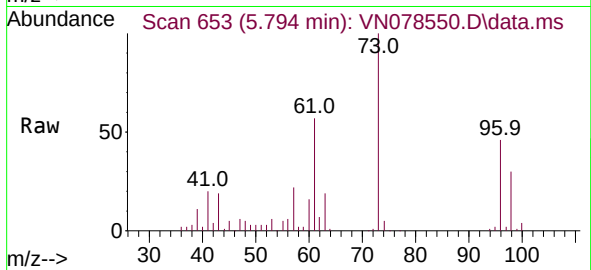
Tgt Ion: 84 Resp: 277000
Ion Ratio Lower Upper
84 100
49 112.4 79.7 119.5
51 36.7 25.2 37.8
86 68.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.427 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

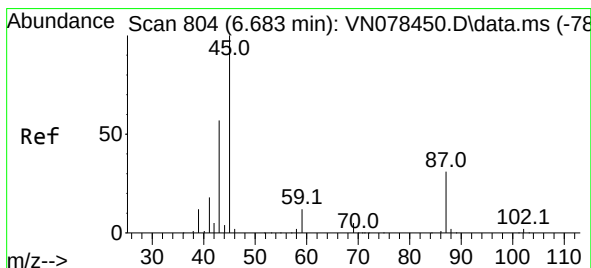
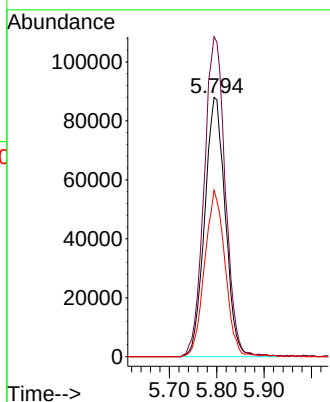
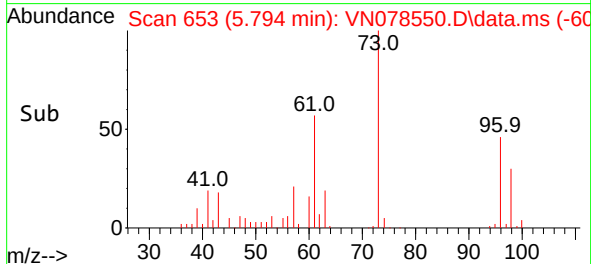
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 266784
Ion Ratio Lower Upper
96 100
61 123.5 90.1 135.1
98 64.2 46.4 69.6

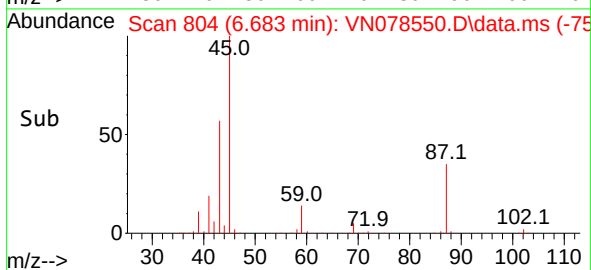
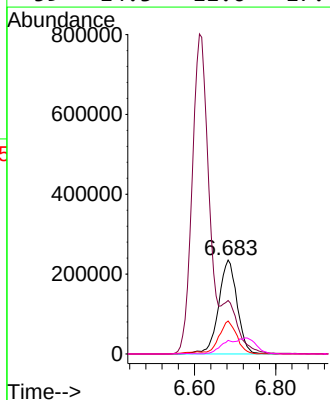
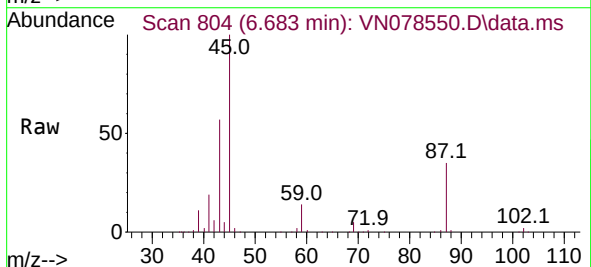
Manual Integrations
APPROVED

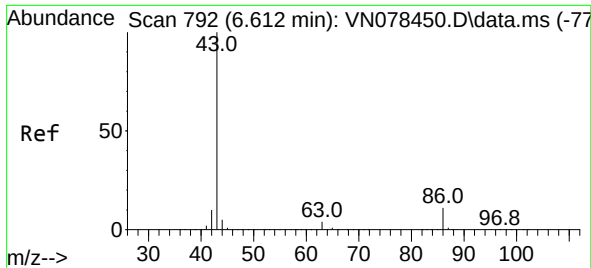
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#22
Diisopropyl ether
Concen: 47.883 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

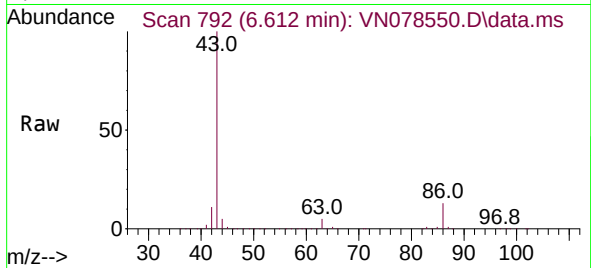
Tgt Ion: 45 Resp: 747081
Ion Ratio Lower Upper
45 100
43 56.1 45.5 68.3
87 34.9 31.8 47.8
59 14.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 233.026 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078550.D
 Acq: 18 Jul 2023 10:29

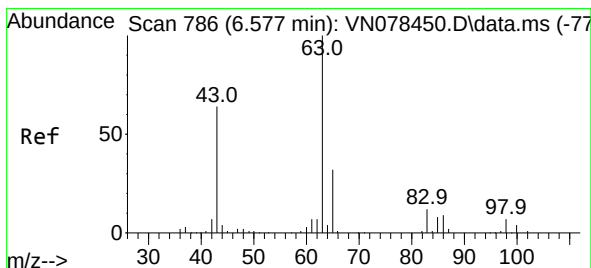
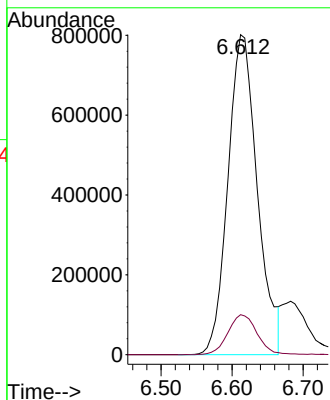
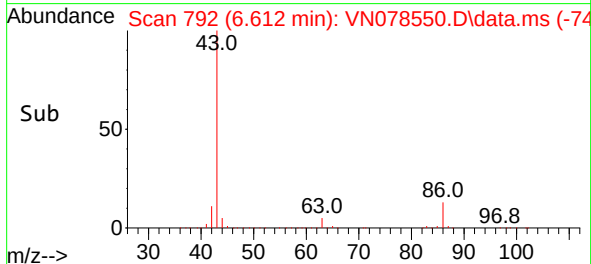
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



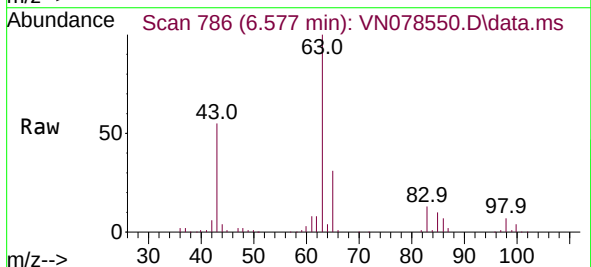
Tgt Ion: 43 Resp: 231136
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

Manual Integrations
 APPROVED

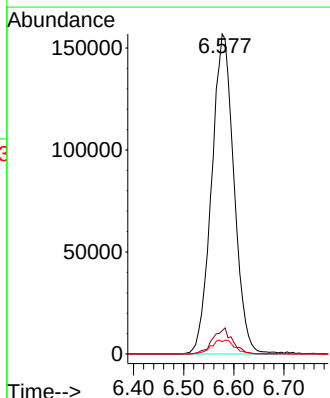
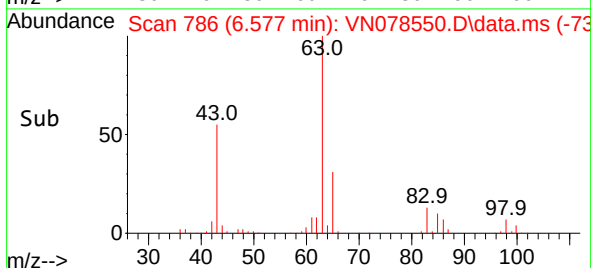
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023

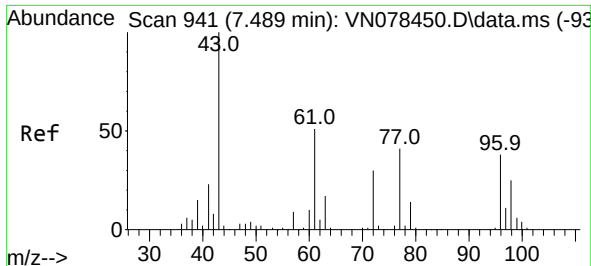


#24
 1,1-Dichloroethane
 Concen: 46.219 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078550.D
 Acq: 18 Jul 2023 10:29



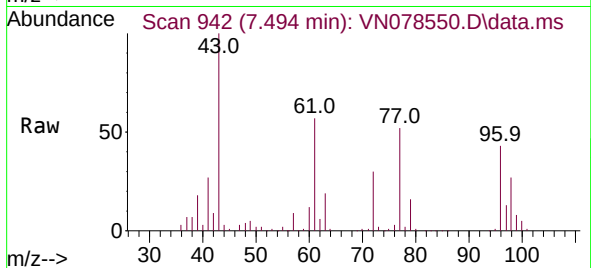
Tgt Ion: 63 Resp: 485912
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 231.045 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

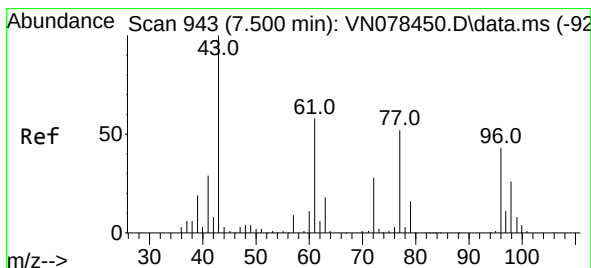
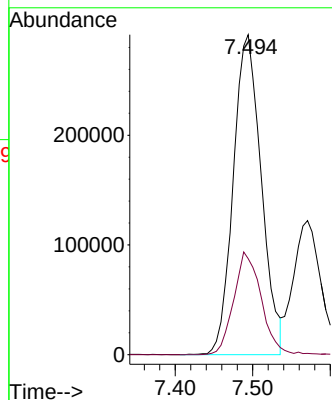
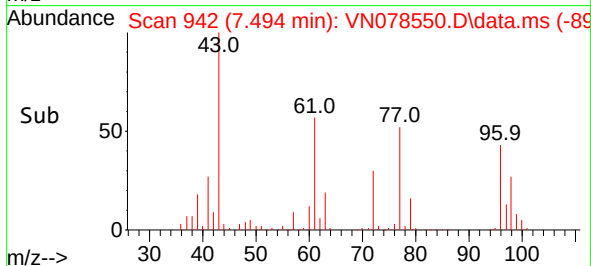
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 733979
Ion Ratio Lower Upper
43 100
72 30.0 30.2 45.2

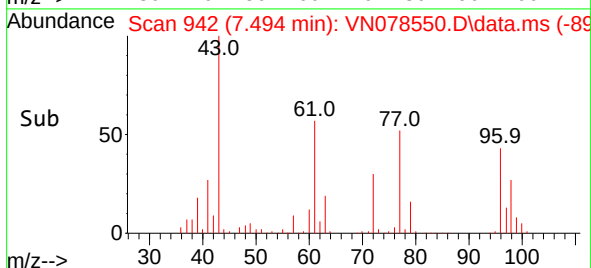
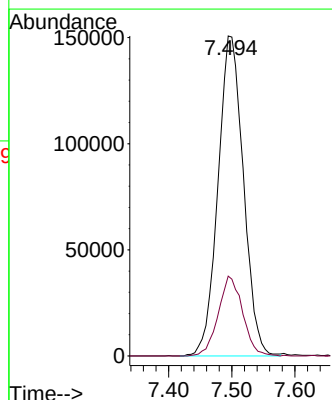
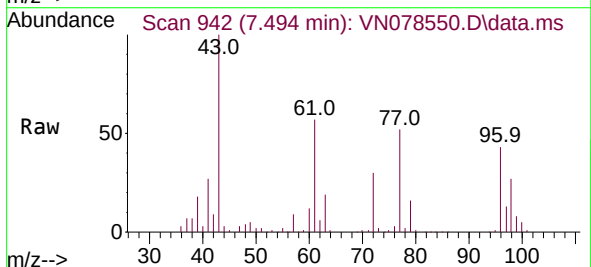
Manual Integrations
APPROVED

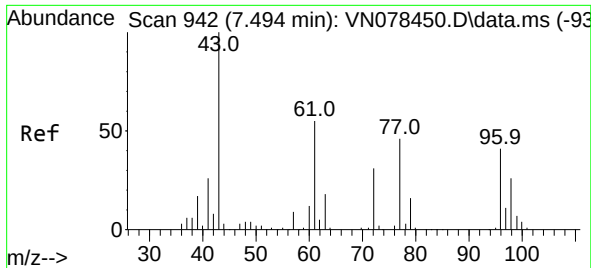
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#26
2,2-Dichloropropane
Concen: 49.134 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

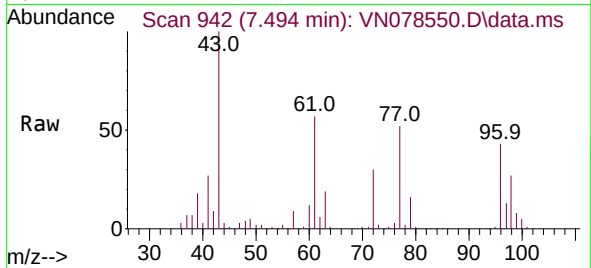
Tgt Ion: 77 Resp: 422491
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.777 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078550.D
 Acq: 18 Jul 2023 10:29

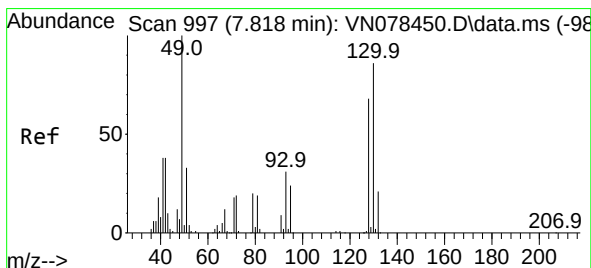
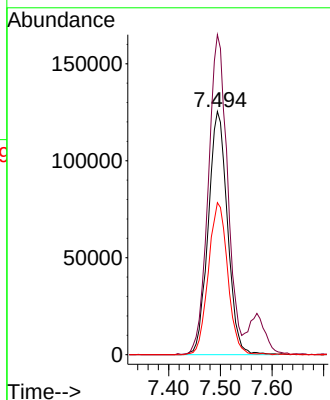
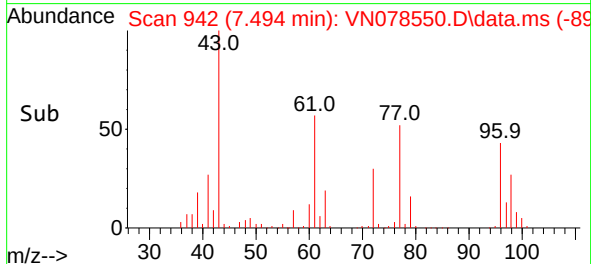
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 324249
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 255.2
 98 62.7 0.0 128.8

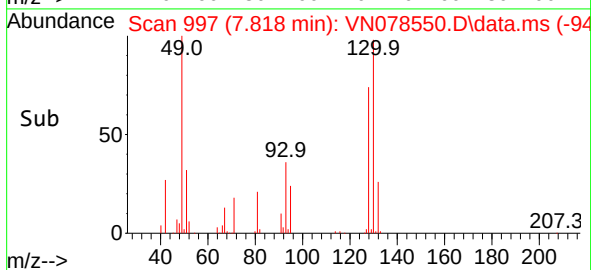
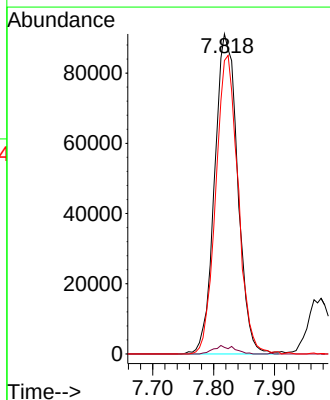
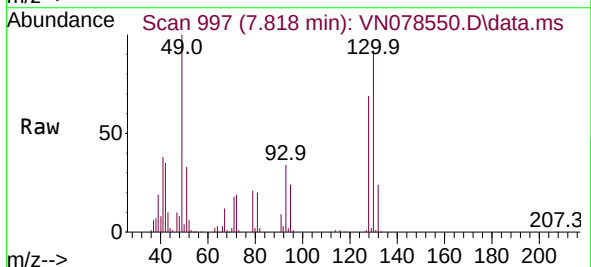
Manual Integrations
 APPROVED

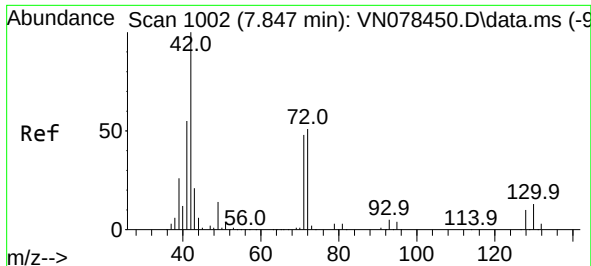
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#28
 Bromochloromethane
 Concen: 48.376 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078550.D
 Acq: 18 Jul 2023 10:29

Tgt Ion: 49 Resp: 239549
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 90.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 223.912 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 46674

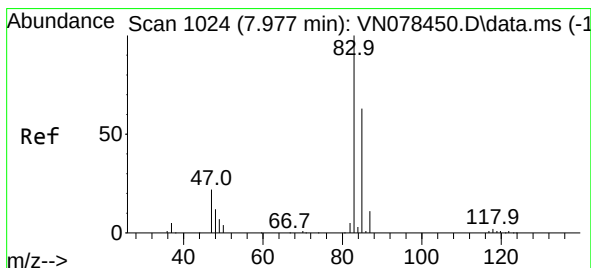
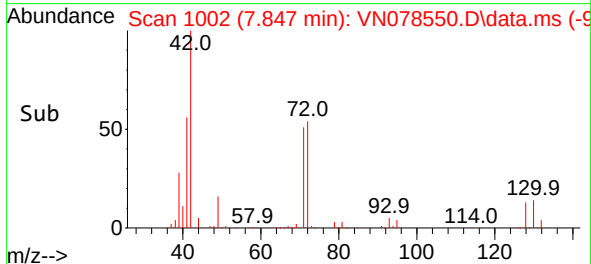
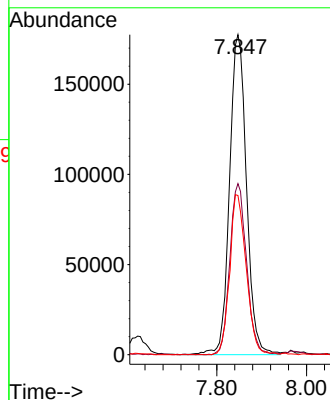
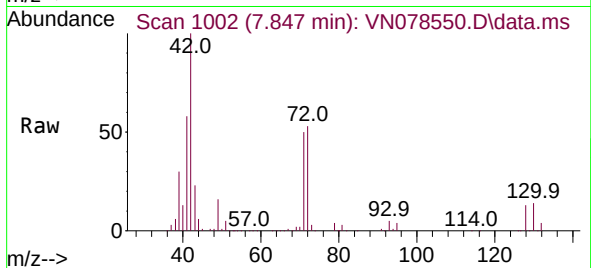
Ion	Ratio	Lower	Upper
42	100		
72	52.7	49.8	74.6
71	48.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#30

Chloroform

Concen: 49.432 ug/l

RT: 7.977 min Scan# 1024

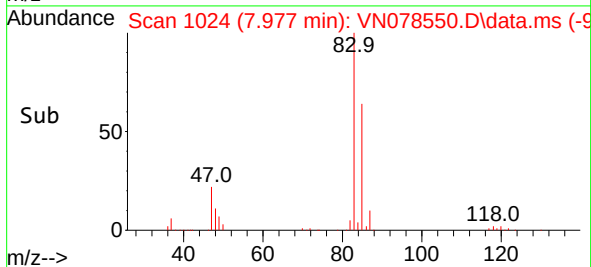
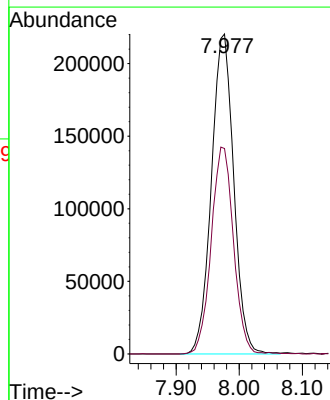
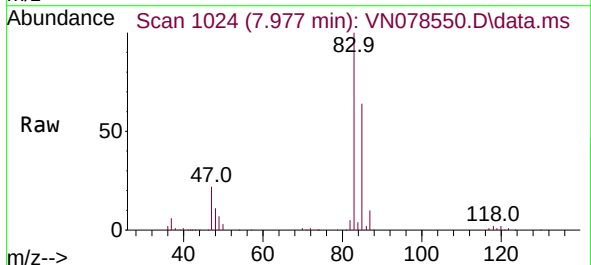
Delta R.T. -0.000 min

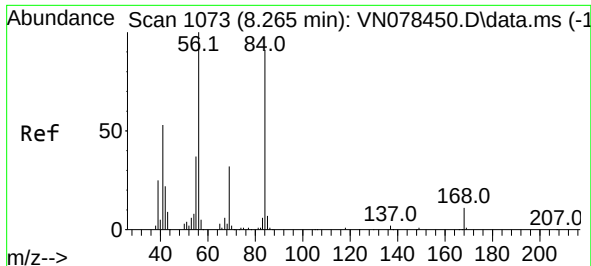
Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Tgt Ion: 83 Resp: 541057

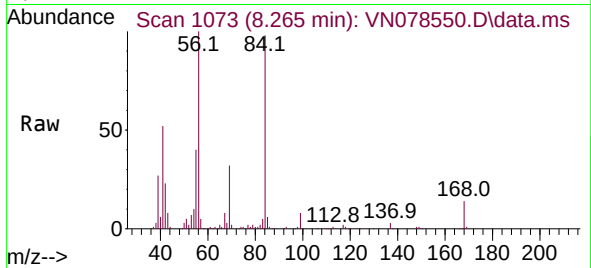
Ion	Ratio	Lower	Upper
83	100		
85	64.2	55.4	83.0





#31
Cyclohexane
Concen: 41.777 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

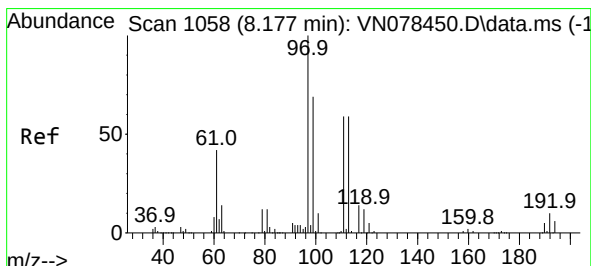
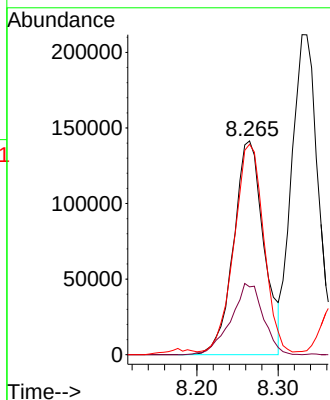
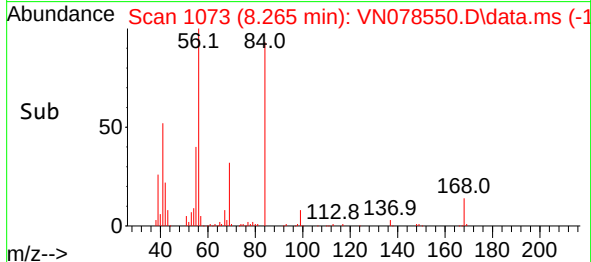
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



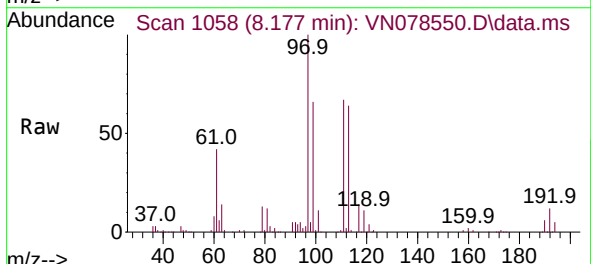
Tgt Ion: 56 Resp: 36578
Ion Ratio Lower Upper
56 100
69 31.8 26.8 40.2
84 95.5 81.8 122.6

Manual Integrations
APPROVED

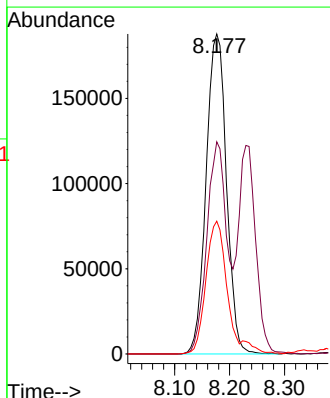
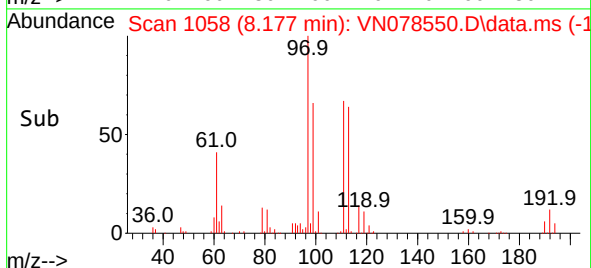
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

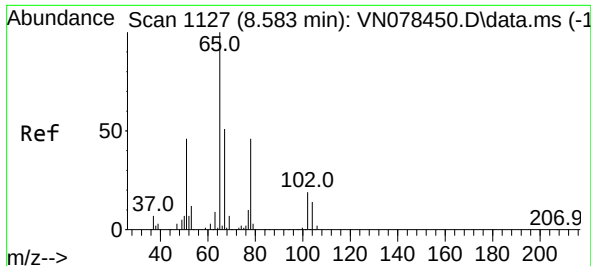


#32
1,1,1-Trichloroethane
Concen: 49.166 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



Tgt Ion: 97 Resp: 482484
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 44.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.134 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 318320

Ion Ratio Lower Upper

65 100

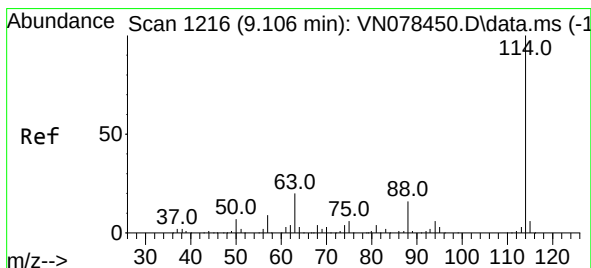
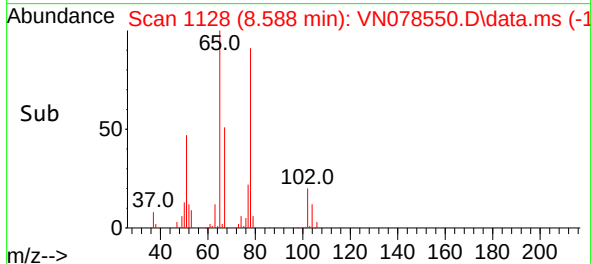
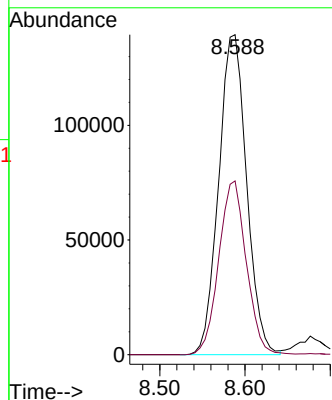
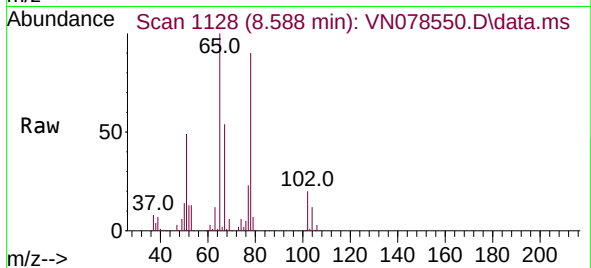
67 53.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

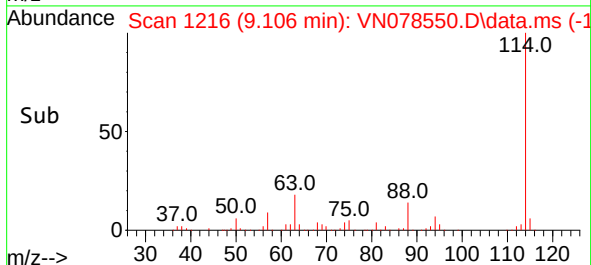
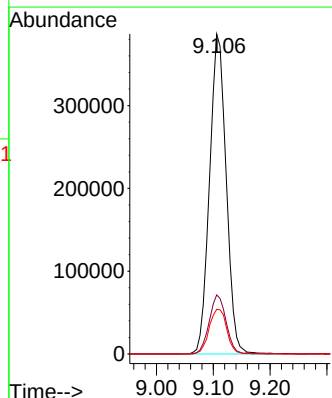
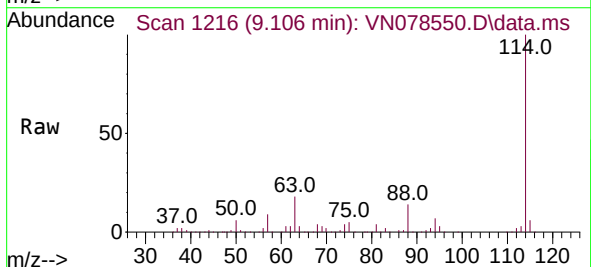
Tgt Ion:114 Resp: 784393

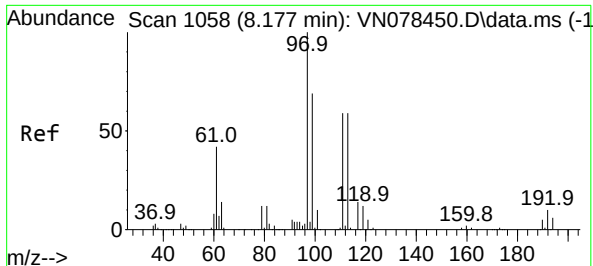
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.925 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 292460

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

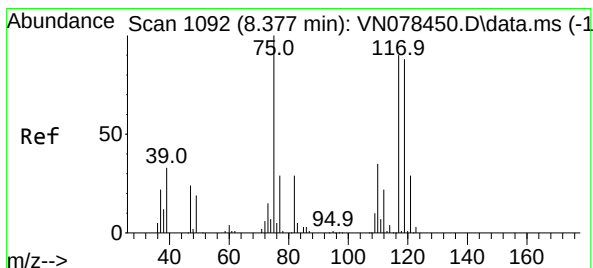
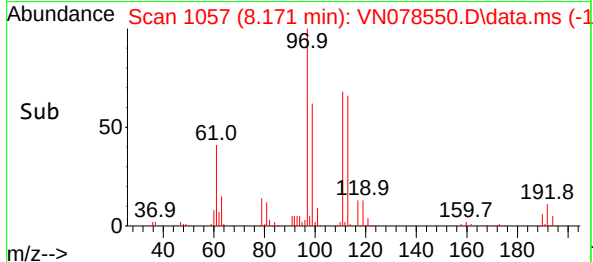
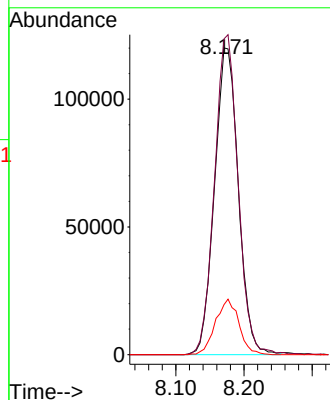
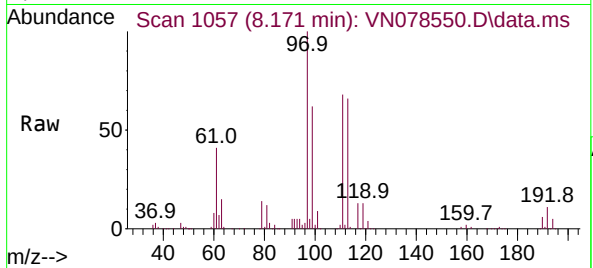
192 17.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#36

1,1-Dichloropropene

Concen: 48.774 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

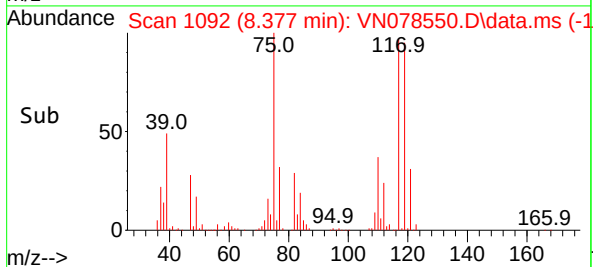
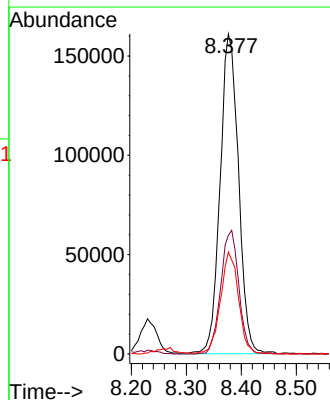
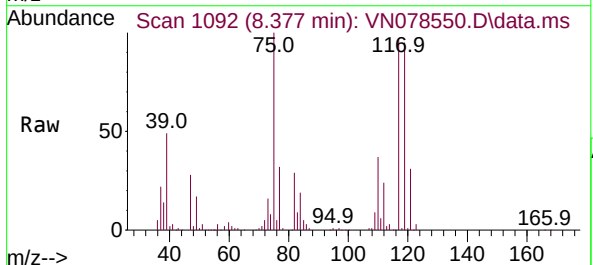
Tgt Ion: 75 Resp: 374993

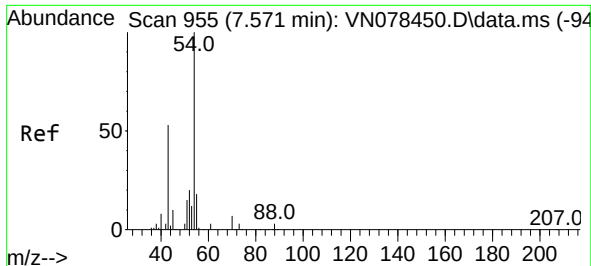
Ion Ratio Lower Upper

75 100

110 37.9 19.1 57.3

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 47.148 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078550.D

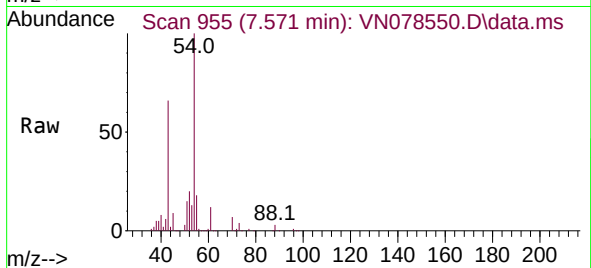
Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 302170

Ion Ratio Lower Upper

43 100

61 14.6 13.2 19.8

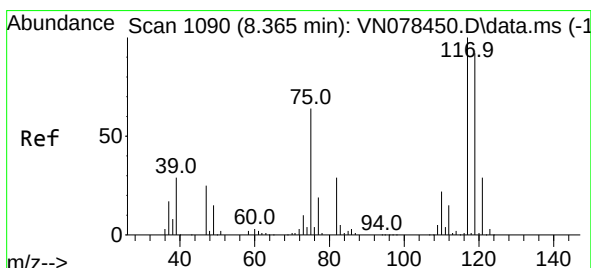
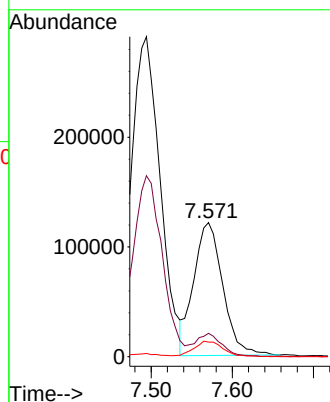
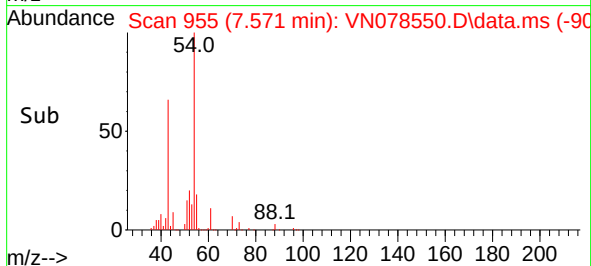
70 11.8 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#38

Carbon Tetrachloride

Concen: 51.350 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

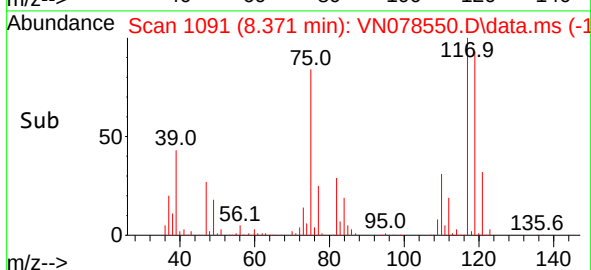
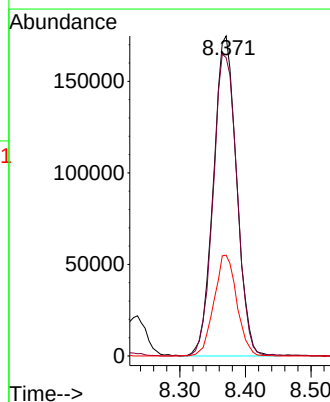
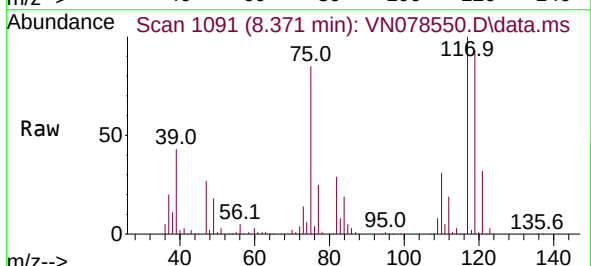
Tgt Ion:117 Resp: 429081

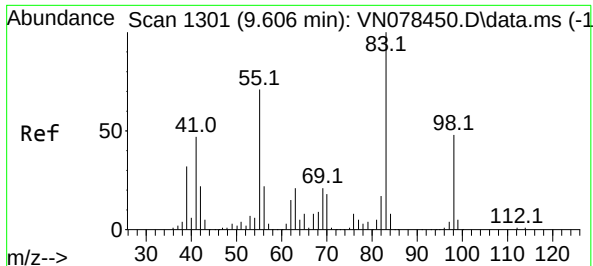
Ion Ratio Lower Upper

117 100

119 93.3 77.3 115.9

121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 50.898 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 35720

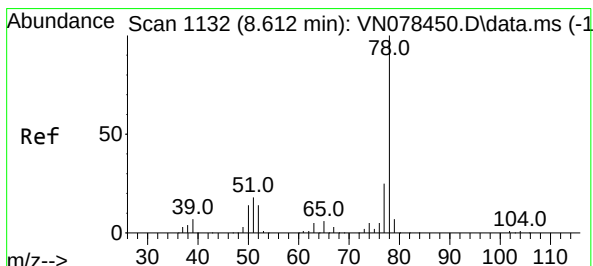
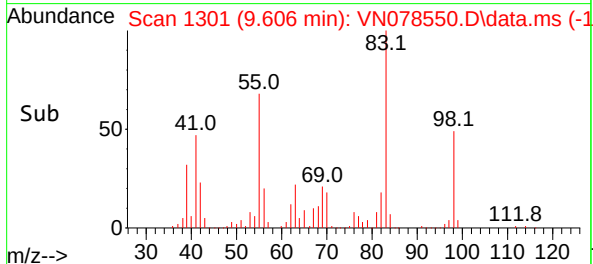
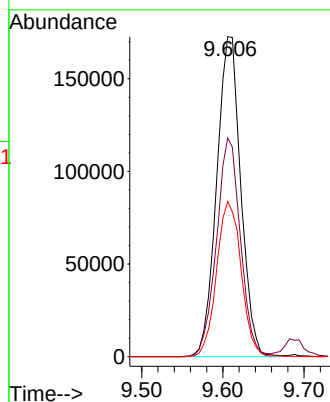
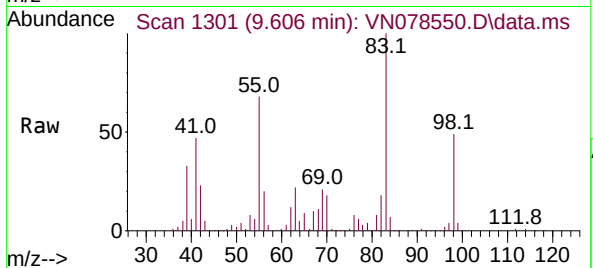
Ion	Ratio	Lower	Upper
83	100		
55	68.3	49.1	73.7
98	48.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#40

Benzene

Concen: 50.689 ug/l

RT: 8.612 min Scan# 1132

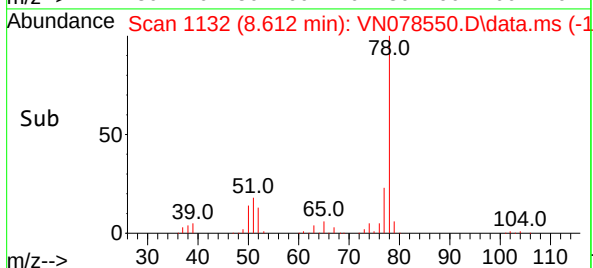
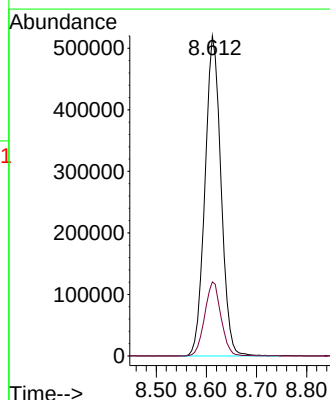
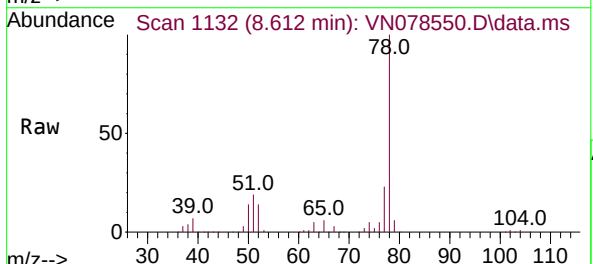
Delta R.T. -0.000 min

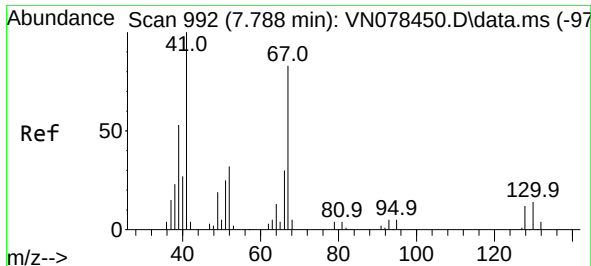
Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Tgt Ion: 78 Resp: 1154557

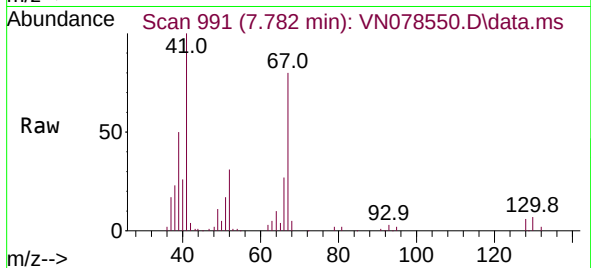
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





#41
Methacrylonitrile
Concen: 49.611 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

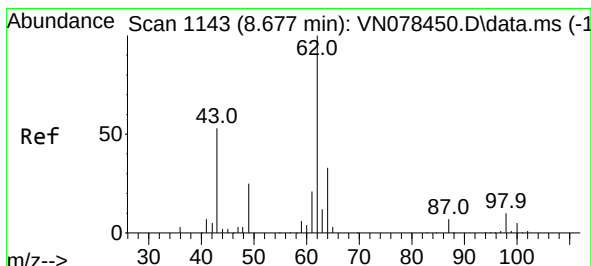
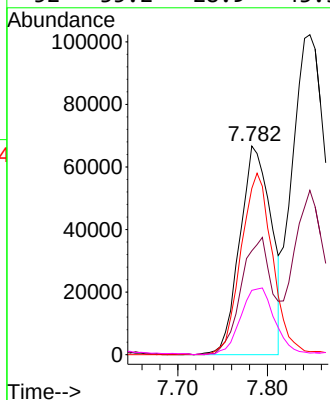
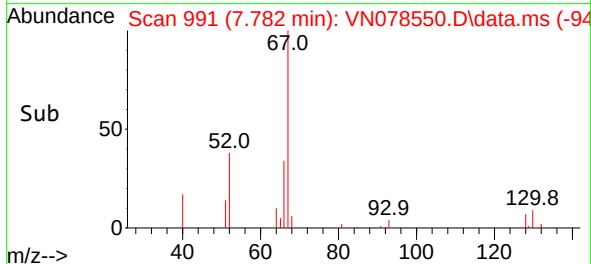
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



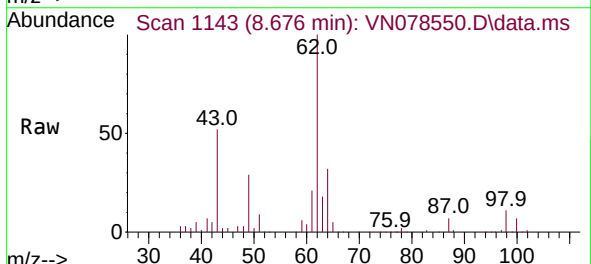
Tgt Ion: 41 Resp: 162094
Ion Ratio Lower Upper
41 100
39 54.7 42.6 64.0
67 88.0 77.5 116.3
52 35.2 28.9 43.3

Manual Integrations
APPROVED

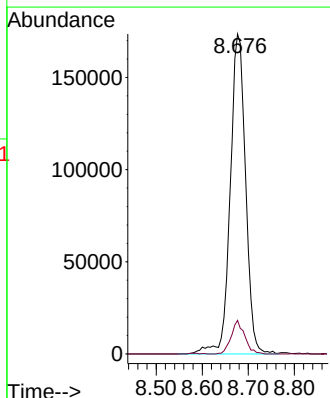
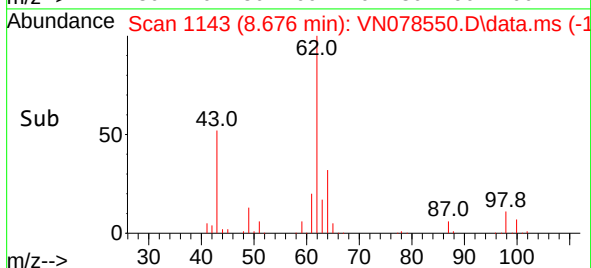
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

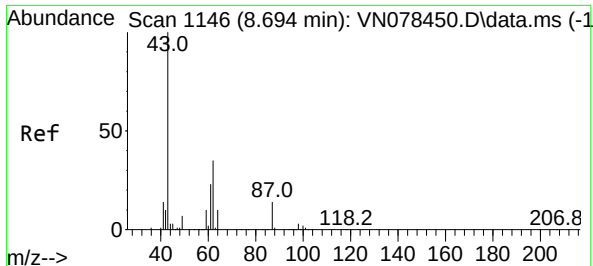


#42
1,2-Dichloroethane
Concen: 51.940 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



Tgt Ion: 62 Resp: 402401
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 49.381 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

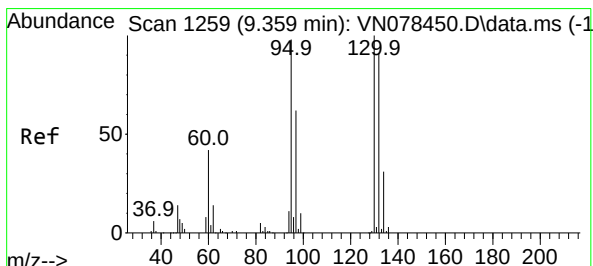
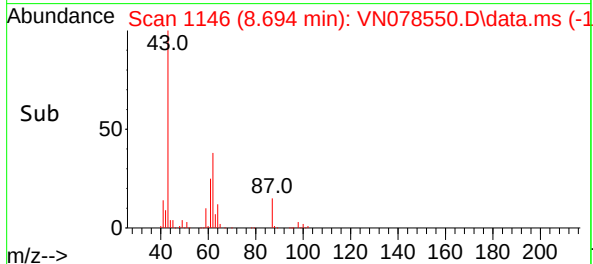
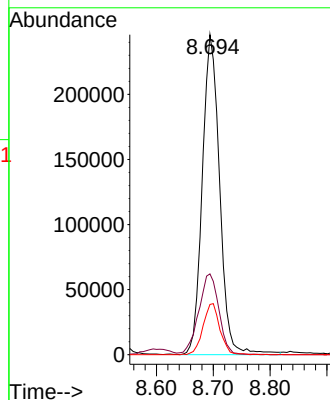
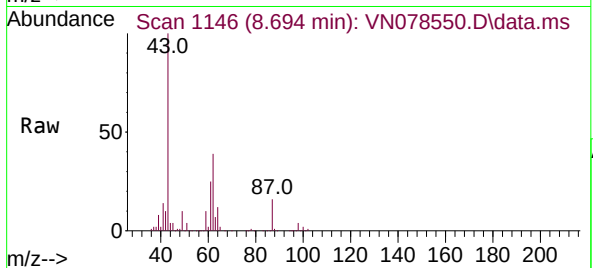
Tgt Ion:	43	Resp:	52106
Ion	Ratio	Lower	Upper
43	100		
61	29.4	24.7	37.1
87	15.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#44

Trichloroethene

Concen: 50.176 ug/l

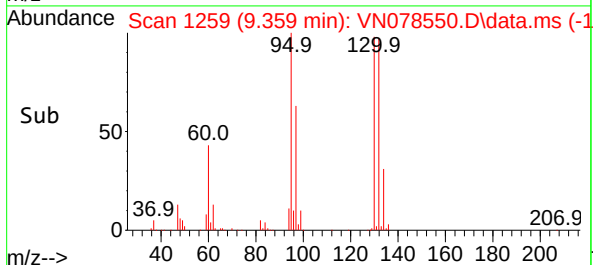
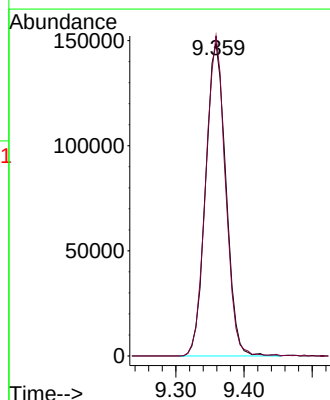
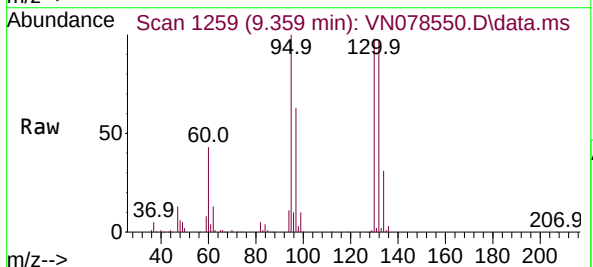
RT: 9.359 min Scan# 1259

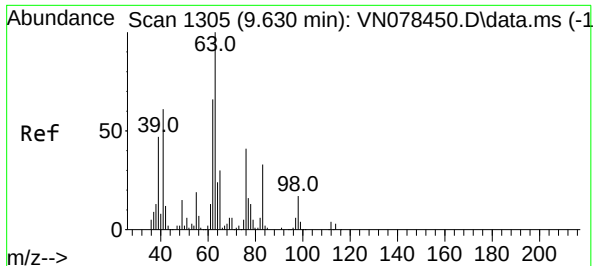
Delta R.T. -0.000 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Tgt Ion:	130	Resp:	308030
Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 51.474 ug/l

RT: 9.629 min Scan# 1319

Delta R.T. -0.001 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 29694

Ion Ratio Lower Upper

63 100

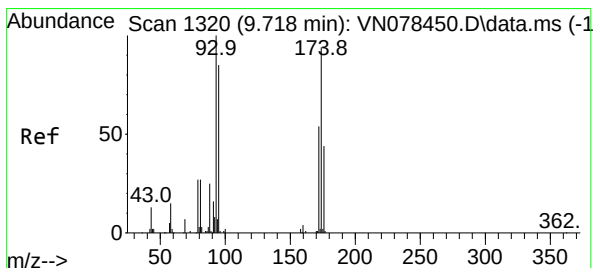
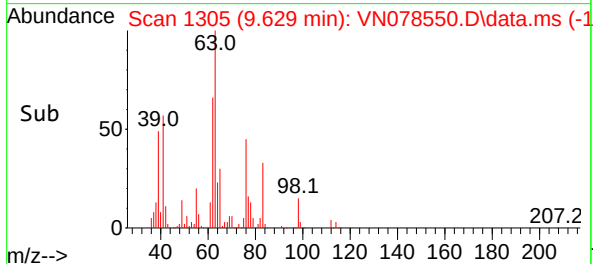
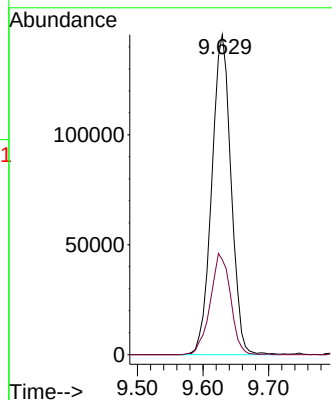
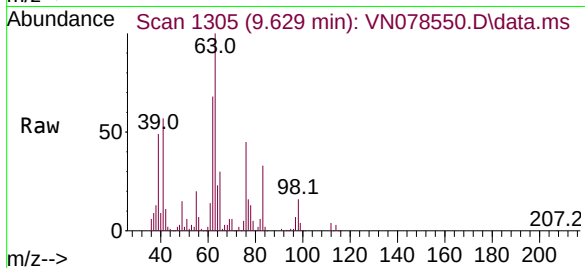
65 29.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#46

Dibromomethane

Concen: 52.107 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

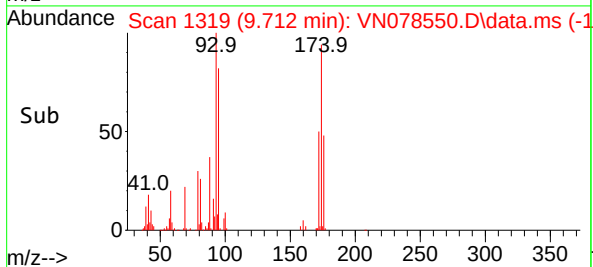
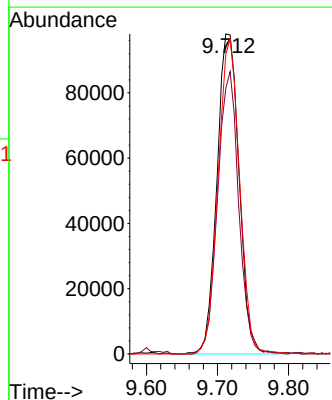
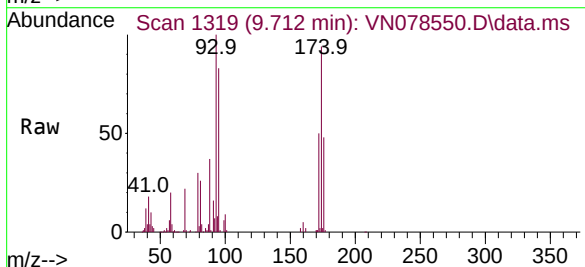
Tgt Ion: 93 Resp: 211572

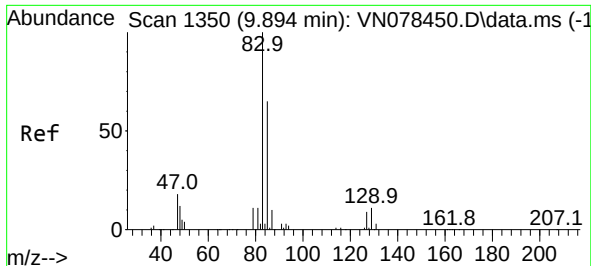
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

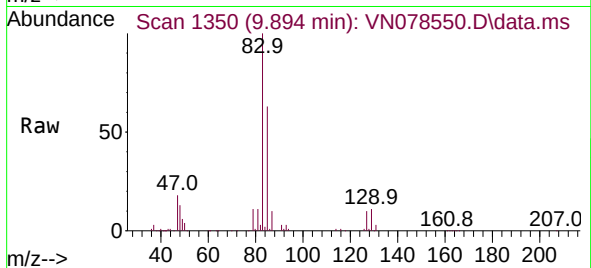
174 95.9 65.6 98.4





#47
Bromodichloromethane
Concen: 53.205 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

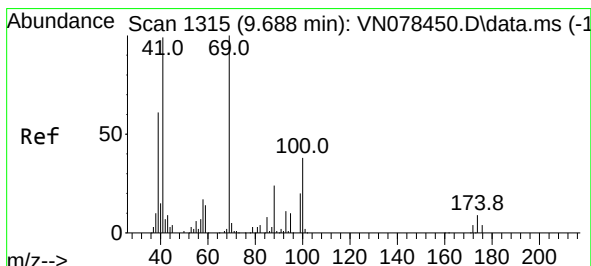
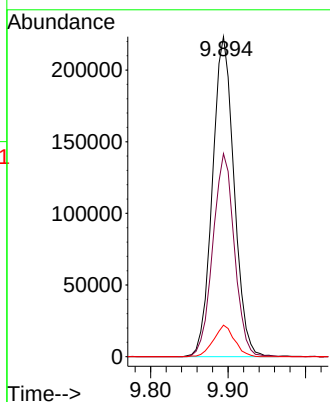
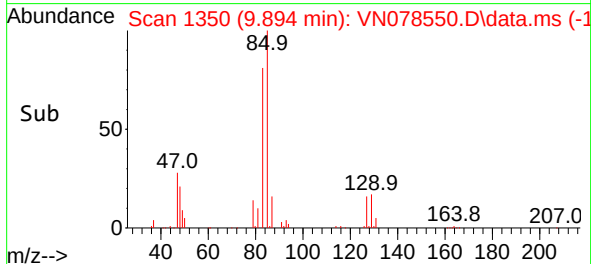
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 433050
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 9.8 7.0 10.6

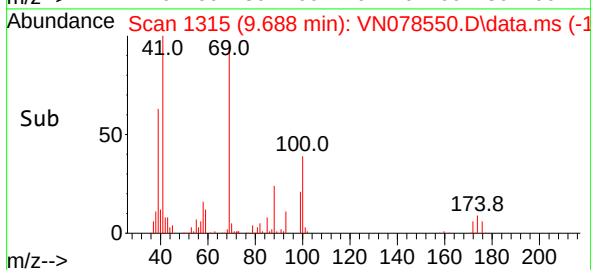
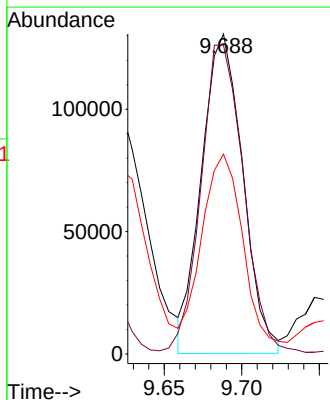
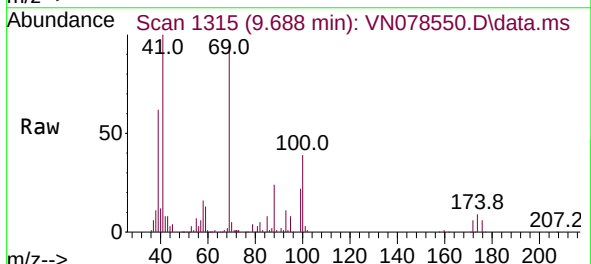
Manual Integrations
APPROVED

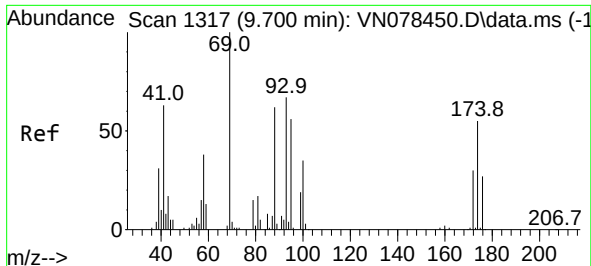
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#48
Methyl methacrylate
Concen: 49.403 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Tgt Ion: 41 Resp: 241511
Ion Ratio Lower Upper
41 100
69 99.2 90.4 135.6
39 64.5 54.6 81.8





#49

1,4-Dioxane

Concen: 980.285 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078550.D

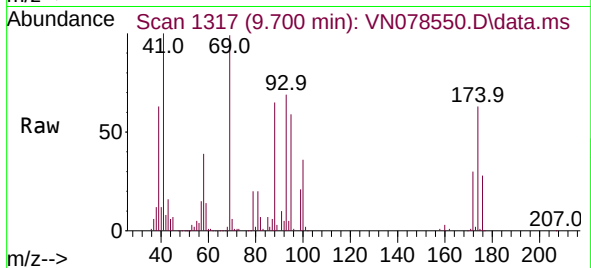
Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 88 Resp: 104509

Ion Ratio Lower Upper

88 100

43 24.1 17.0 25.6

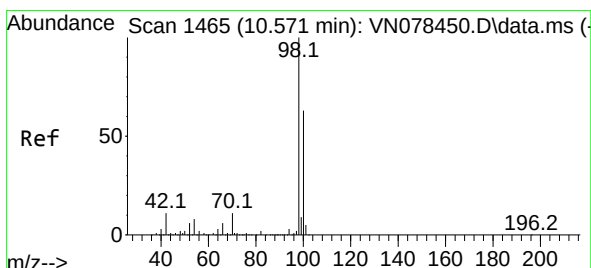
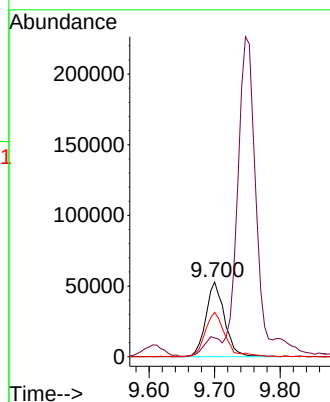
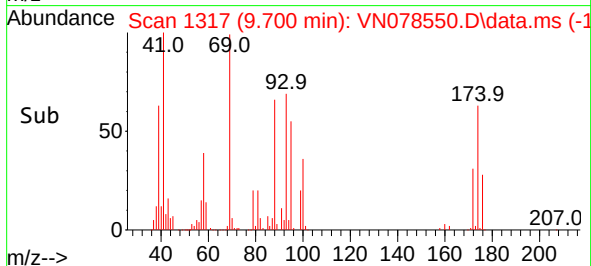
58 63.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#50

Toluene-d8

Concen: 53.954 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078550.D

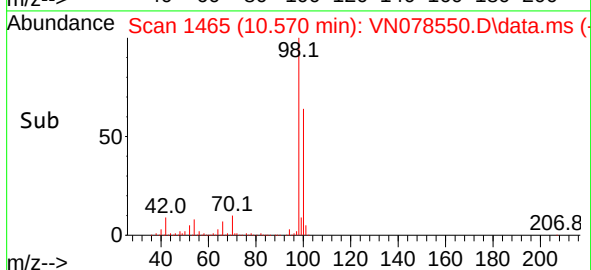
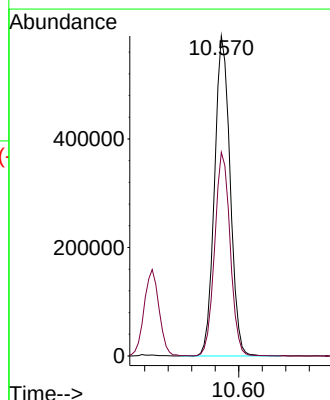
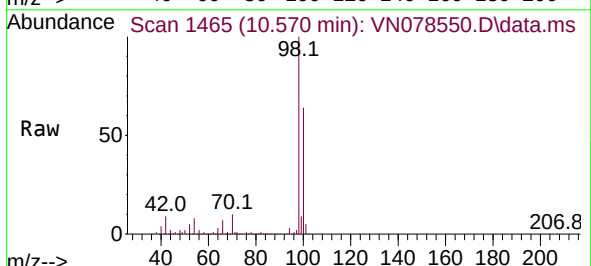
Acq: 18 Jul 2023 10:29

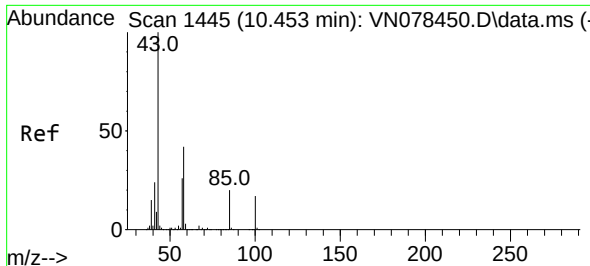
Tgt Ion: 98 Resp: 1085292

Ion Ratio Lower Upper

98 100

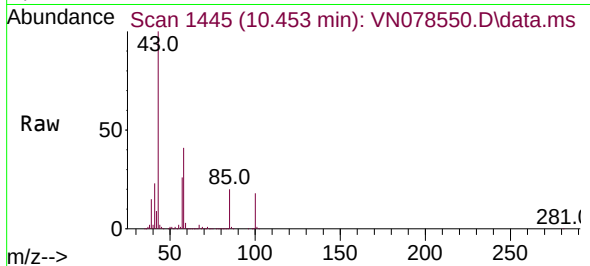
100 63.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 254.170 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

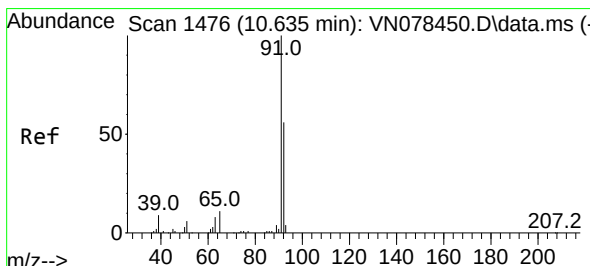
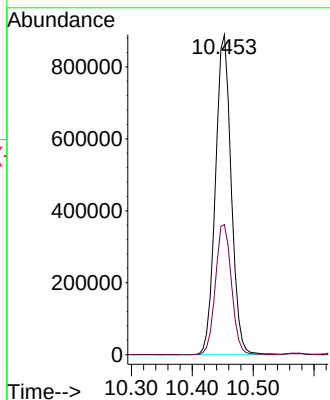
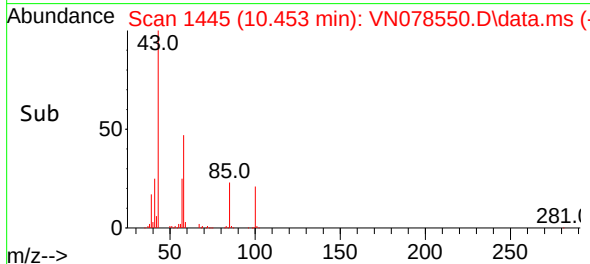
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



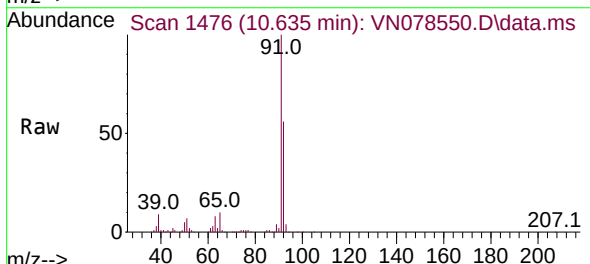
Tgt Ion: 43 Resp: 1595269
Ion Ratio Lower Upper
43 100
58 41.6 36.6 54.8

Manual Integrations
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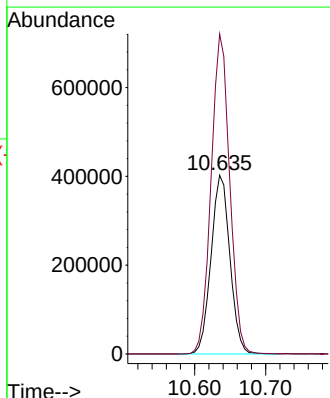
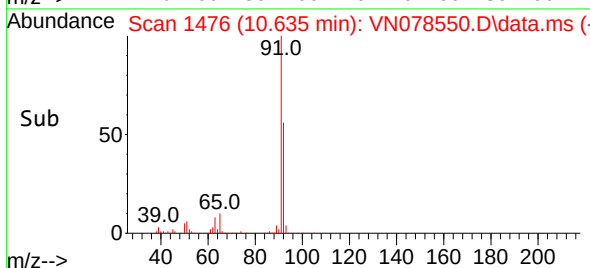
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

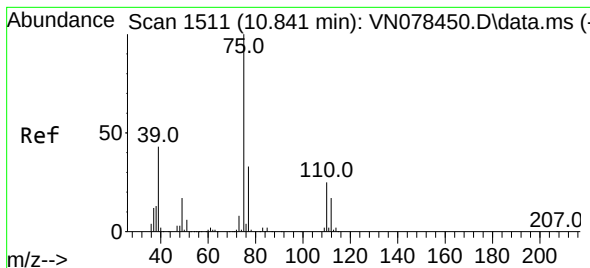


#52
Toluene
Concen: 52.513 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



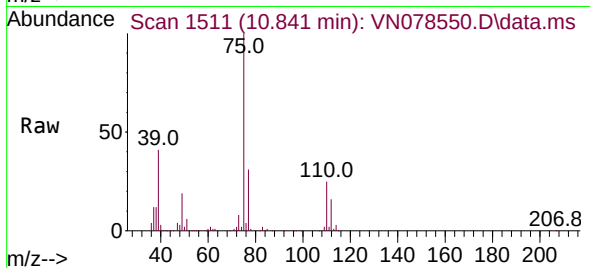
Tgt Ion: 92 Resp: 741320
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.607 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

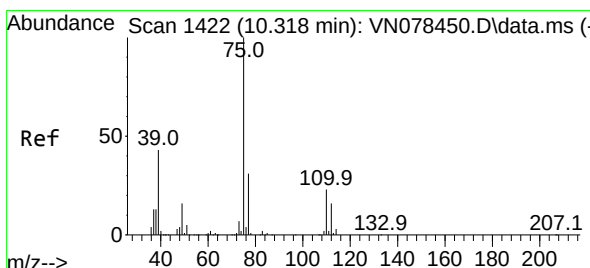
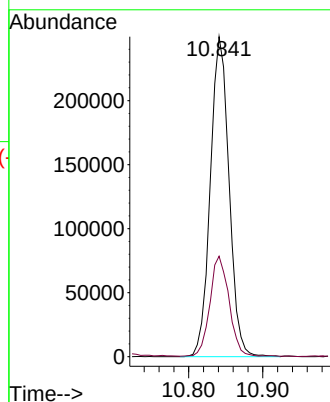
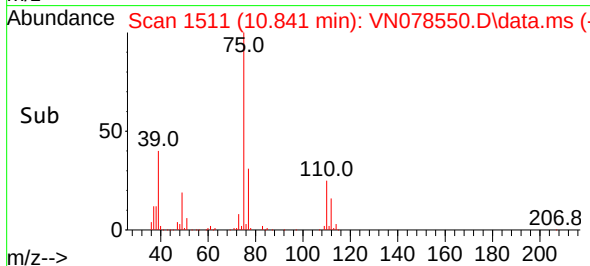
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 438659
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

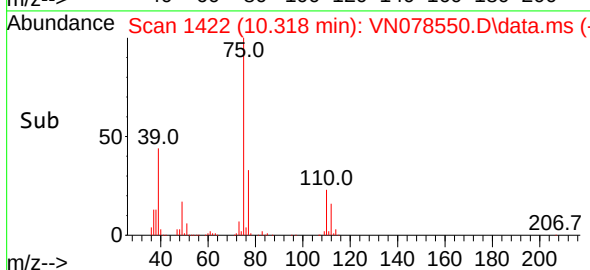
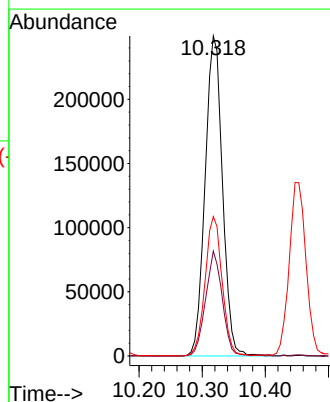
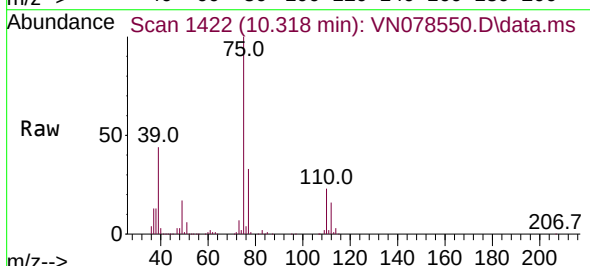
Manual Integrations
APPROVED

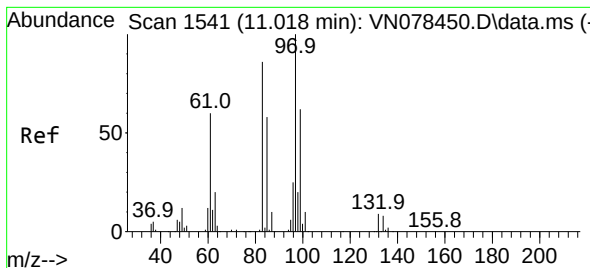
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#54
cis-1,3-Dichloropropene
Concen: 53.706 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Tgt Ion: 75 Resp: 477353
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
39 43.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 52.535 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.005 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 29220

Ion Ratio Lower Upper

97 100

83 87.1 65.1 97.7

85 56.7 43.4 65.2

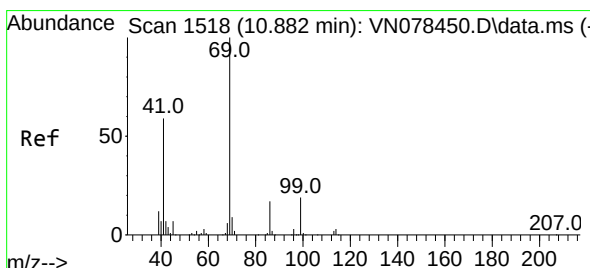
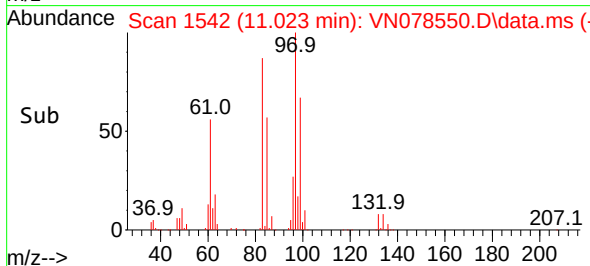
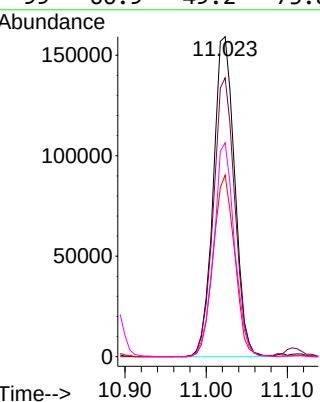
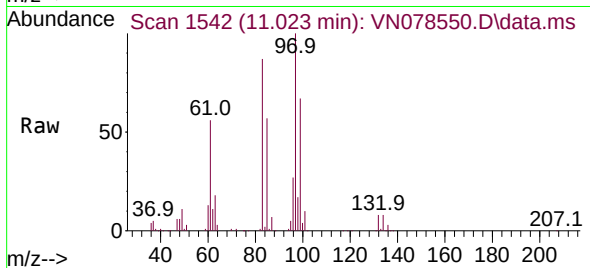
99 66.9 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#56

Ethyl methacrylate

Concen: 52.930 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

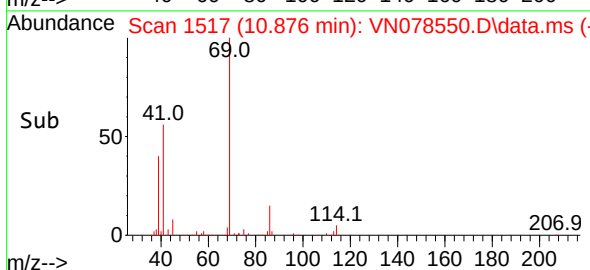
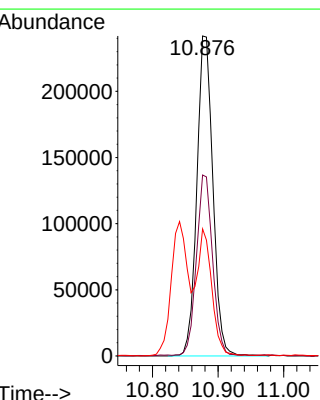
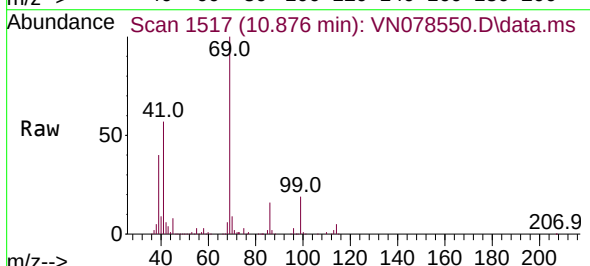
Tgt Ion: 69 Resp: 411537

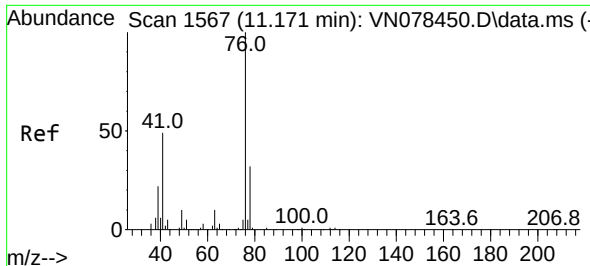
Ion Ratio Lower Upper

69 100

41 56.4 39.6 59.4

39 36.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.180 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN078550.D

Acq: 18 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 48401

Ion Ratio Lower Upper

76 100

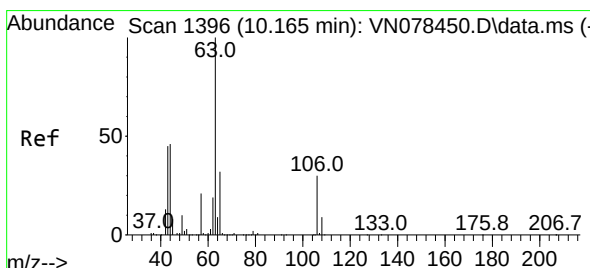
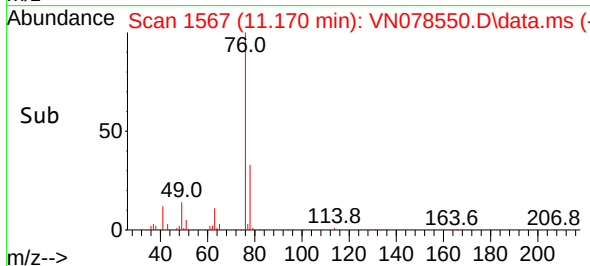
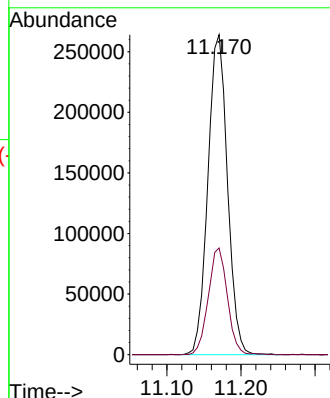
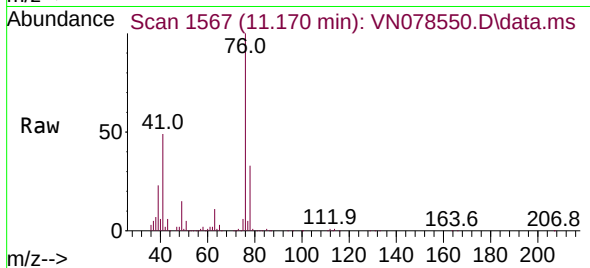
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 263.748 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078550.D

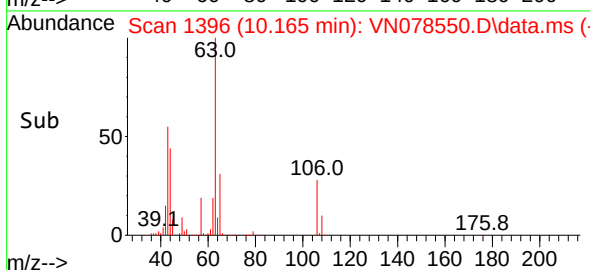
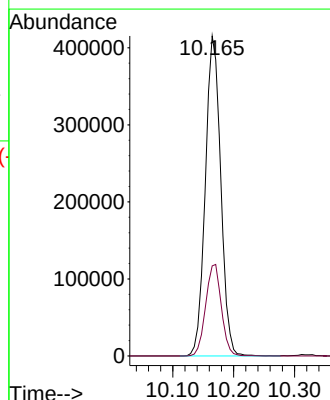
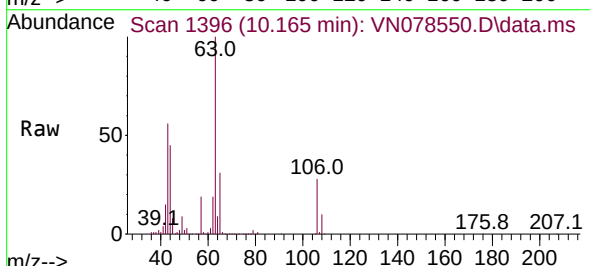
Acq: 18 Jul 2023 10:29

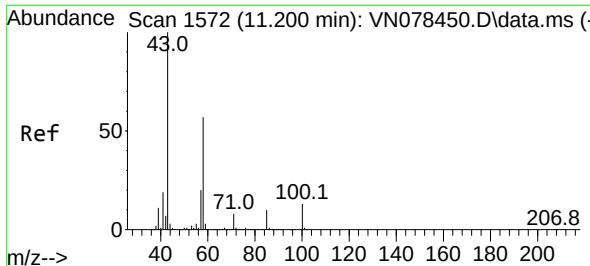
Tgt Ion: 63 Resp: 730799

Ion Ratio Lower Upper

63 100

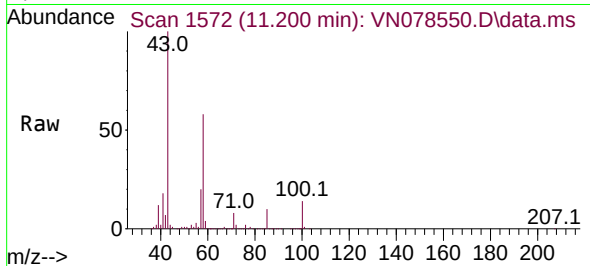
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 250.466 ug/l
RT: 11.200 min Scan# 1117250
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

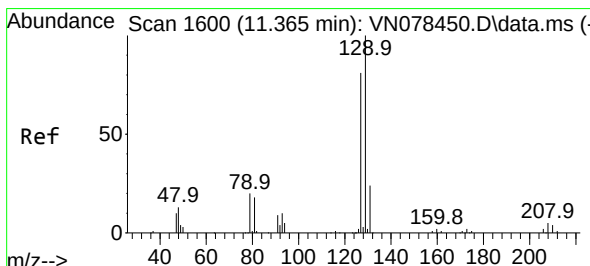
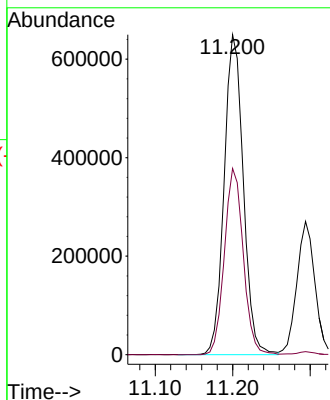
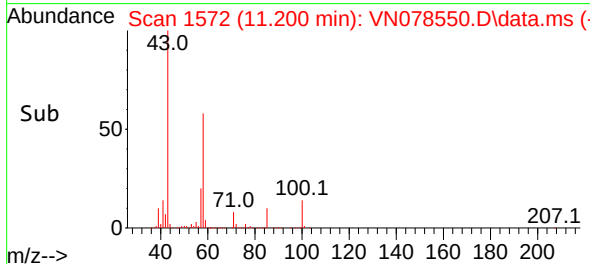
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1117250
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1

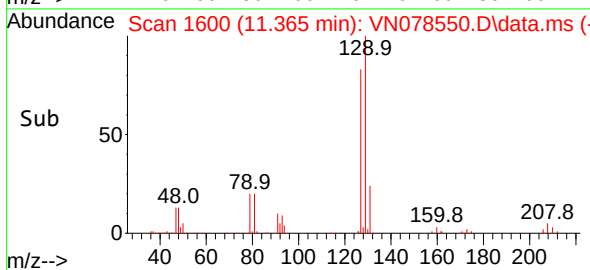
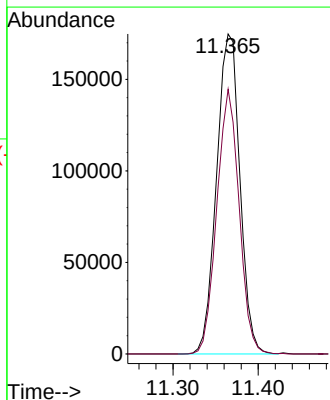
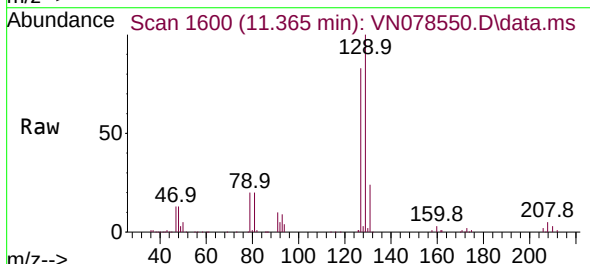
Manual Integrations
APPROVED

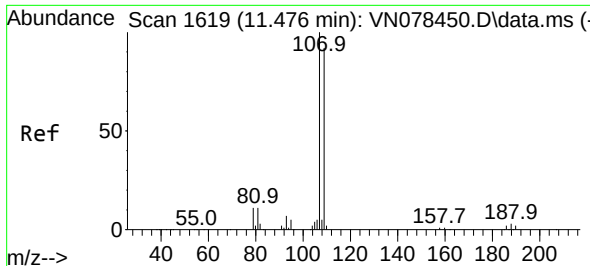
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#60
Dibromochloromethane
Concen: 54.240 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

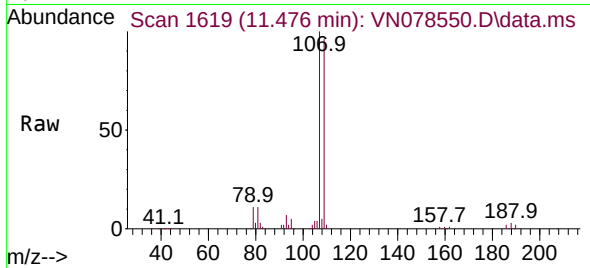
Tgt Ion:129 Resp: 333053
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.747 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

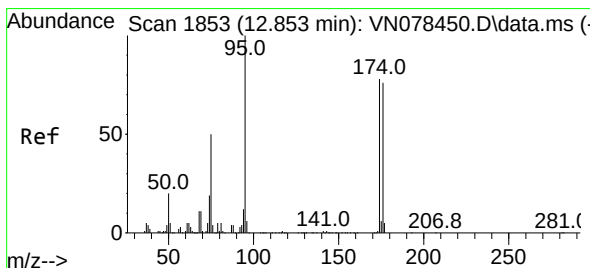
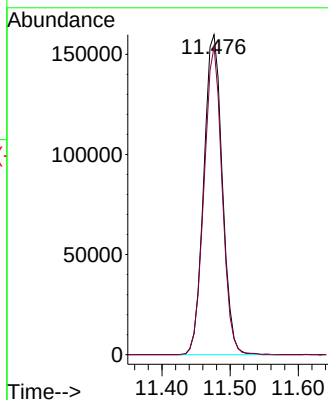
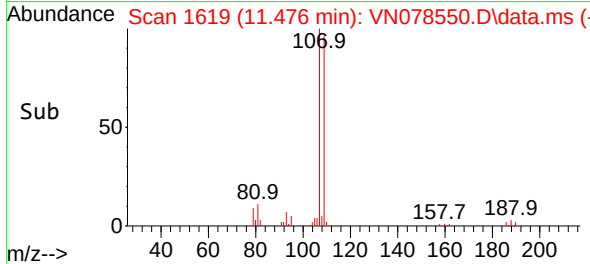
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



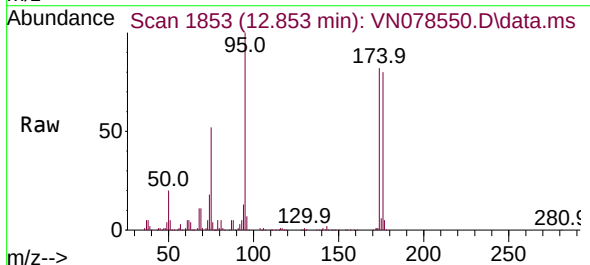
Tgt Ion:107 Resp: 302218
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

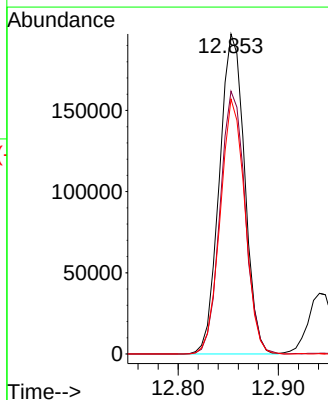
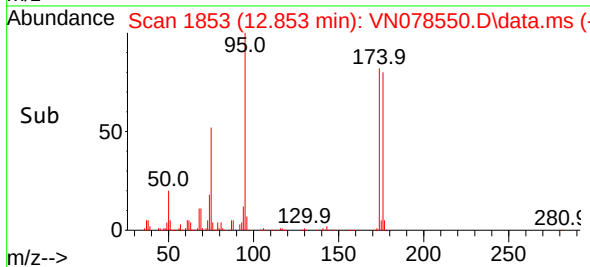
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

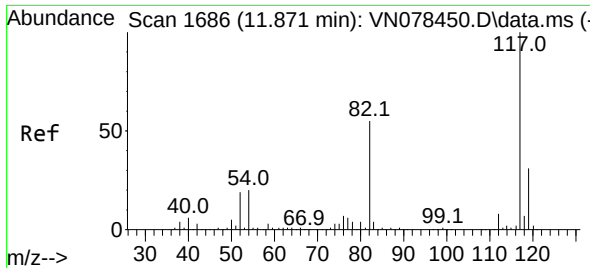


#62
4-Bromofluorobenzene
Concen: 55.564 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



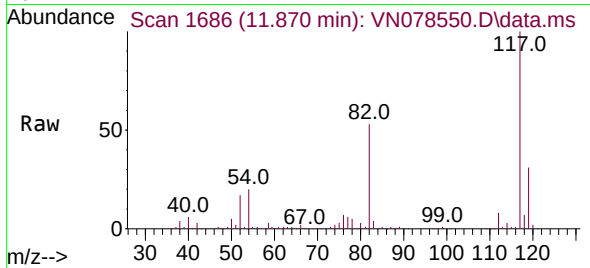
Tgt Ion: 95 Resp: 344269
Ion Ratio Lower Upper
95 100
174 81.2 0.0 143.8
176 77.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

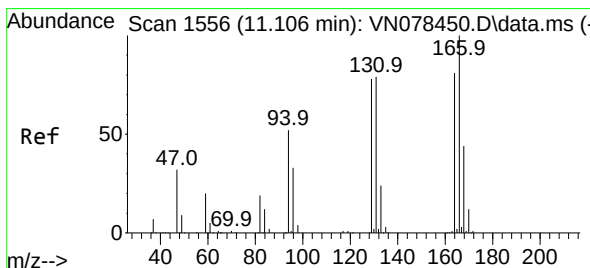
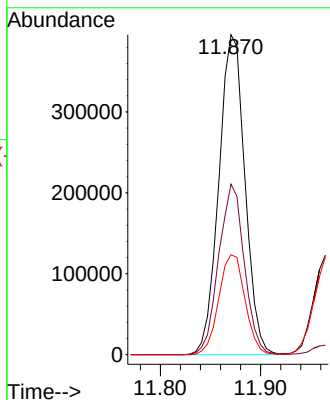
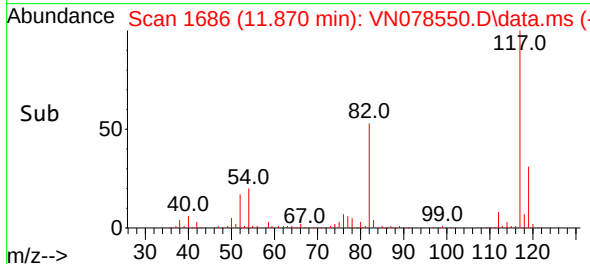
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 71395
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 31.2 25.6 38.4

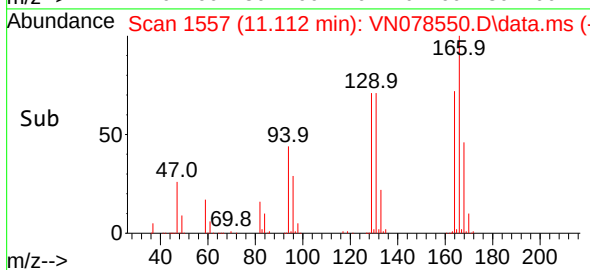
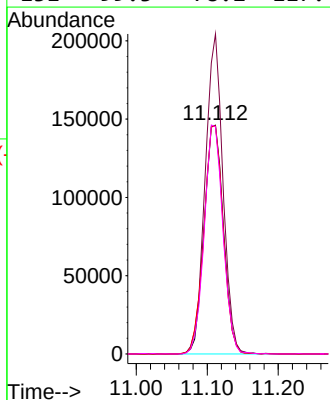
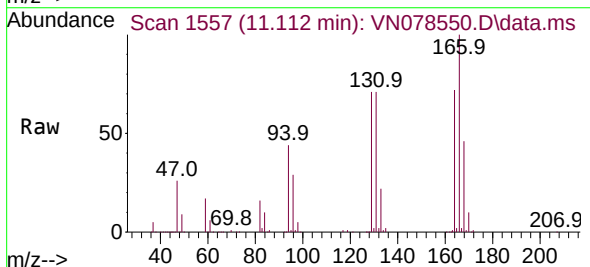
Manual Integrations
APPROVED

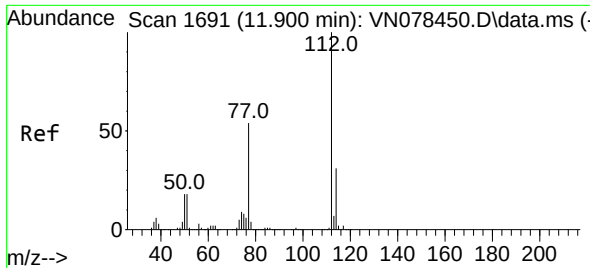
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#64
Tetrachloroethene
Concen: 51.639 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Tgt Ion:164 Resp: 277182
Ion Ratio Lower Upper
164 100
166 139.8 101.4 152.0
129 99.7 82.4 123.6
131 99.3 78.2 117.4





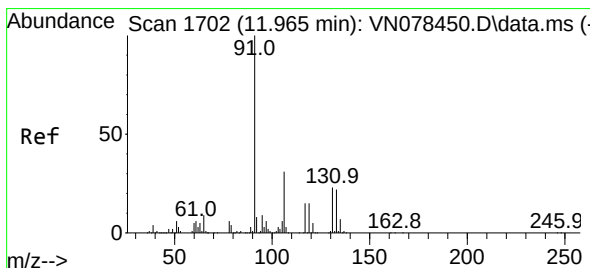
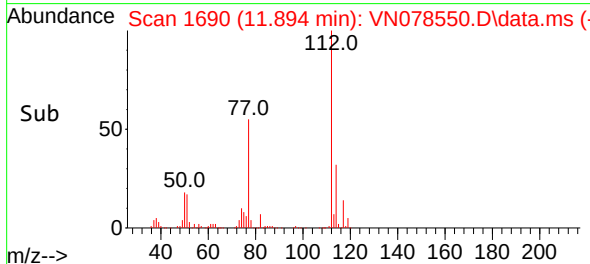
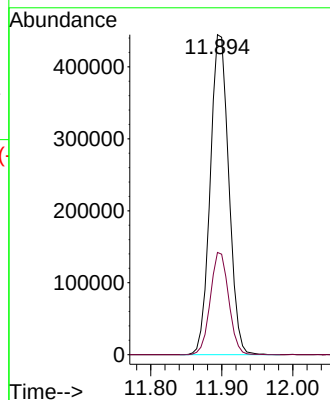
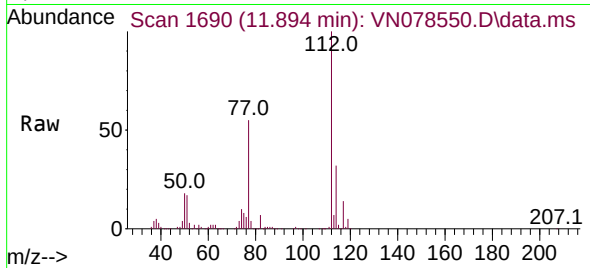
#65
Chlorobenzene
Concen: 50.453 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 805162
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

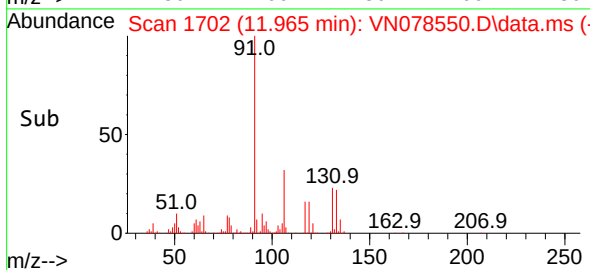
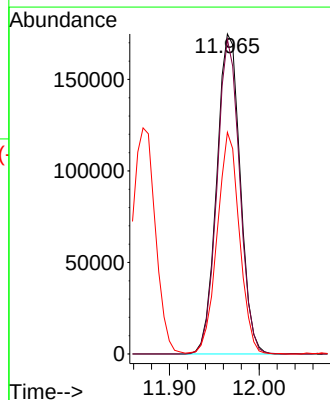
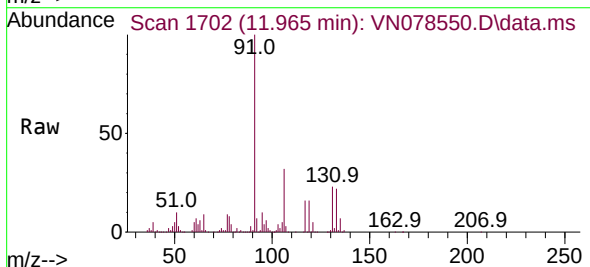
Manual Integrations
APPROVED

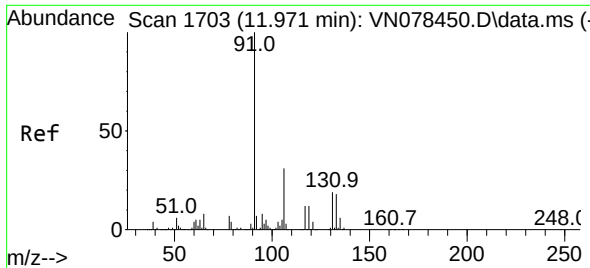
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.723 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

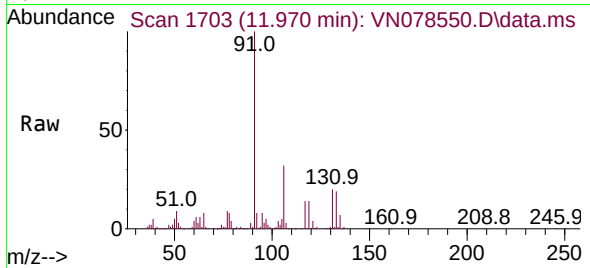
Tgt Ion:131 Resp: 317545
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 65.9 34.1 102.2





#67
Ethyl Benzene
Concen: 51.655 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

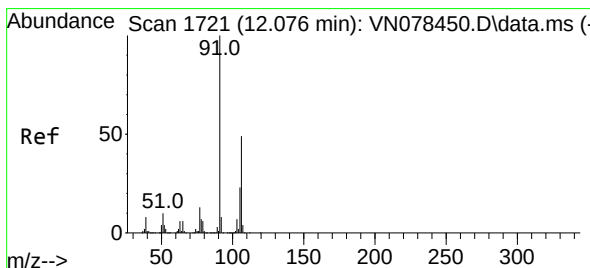
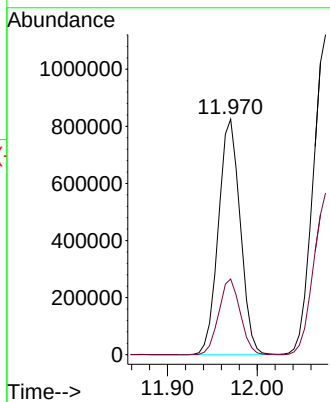
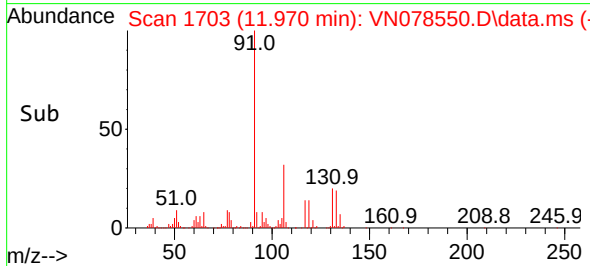
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



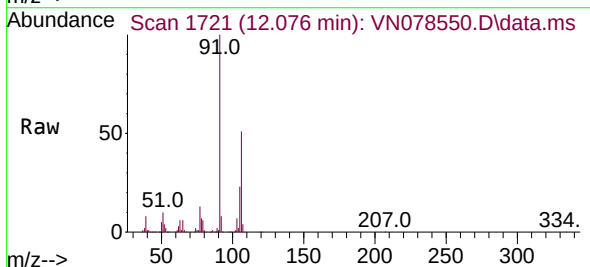
Tgt Ion: 91 Resp: 1393402
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

Manual Integrations
APPROVED

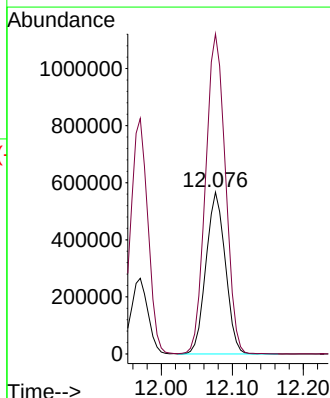
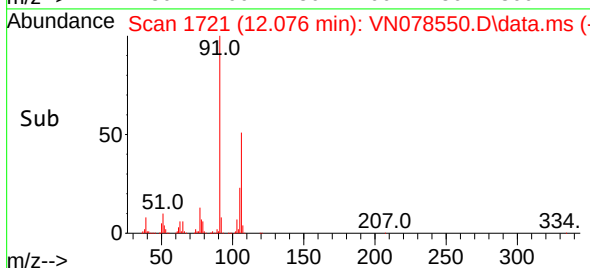
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

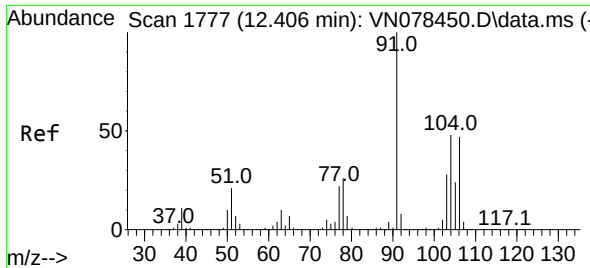


#68
m/p-Xylenes
Concen: 107.481 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



Tgt Ion:106 Resp: 1071974
Ion Ratio Lower Upper
106 100
91 203.1 159.6 239.4





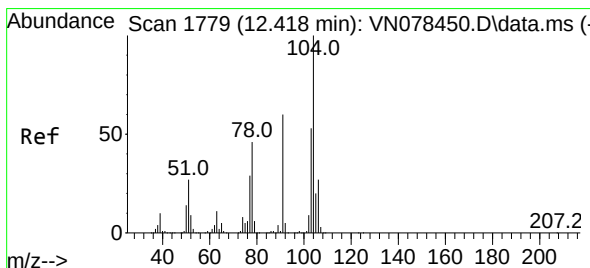
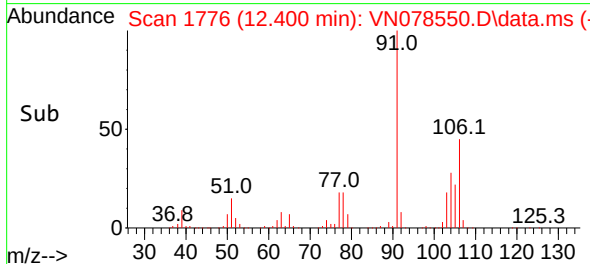
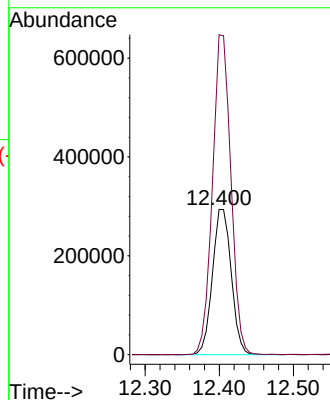
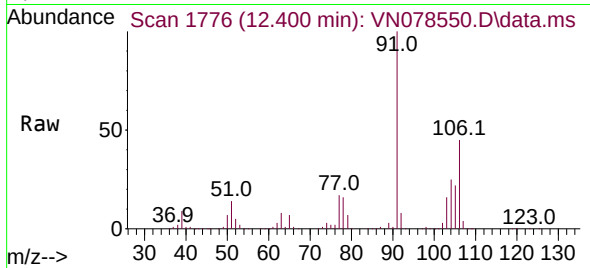
#69
o-Xylene
Concen: 51.582 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 519628
Ion Ratio Lower Upper
106 100
91 215.6 105.2 315.5

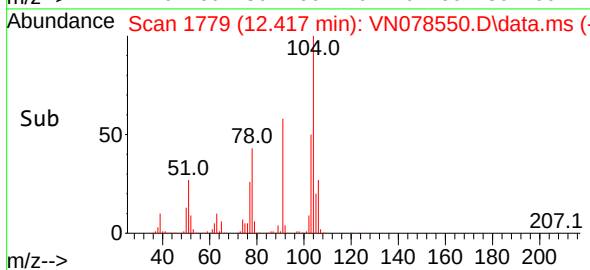
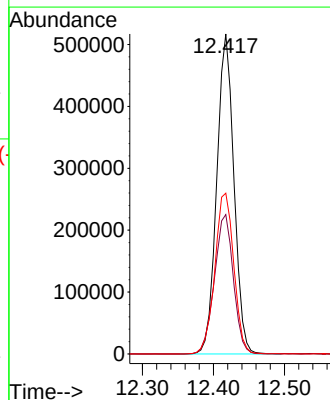
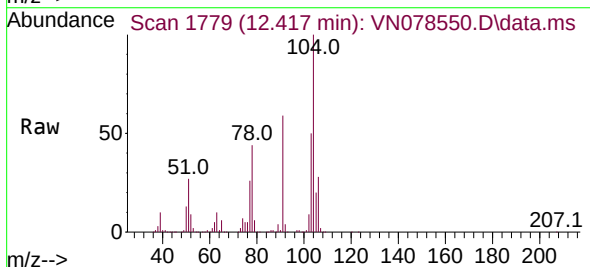
Manual Integrations
APPROVED

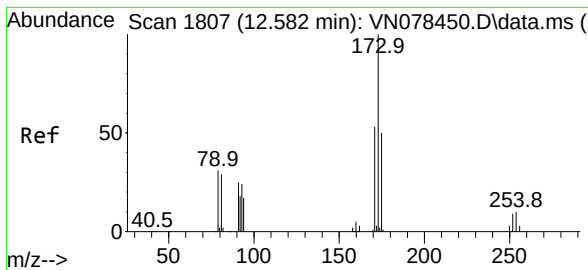
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#70
Styrene
Concen: 54.922 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

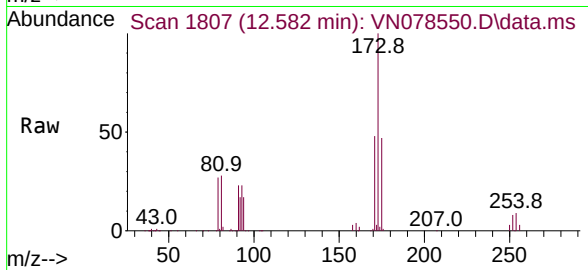
Tgt Ion:104 Resp: 865578
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 54.552 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

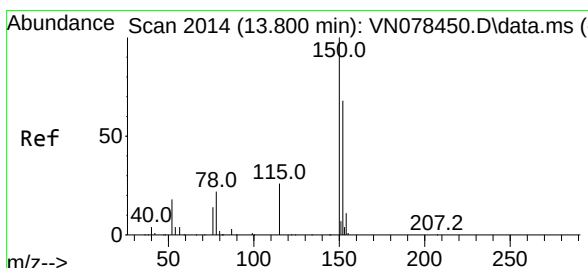
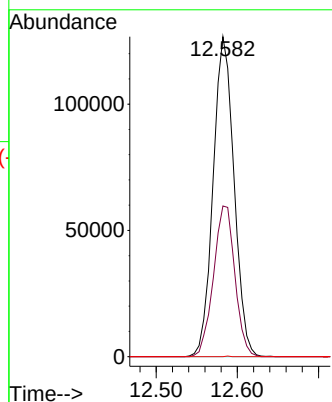
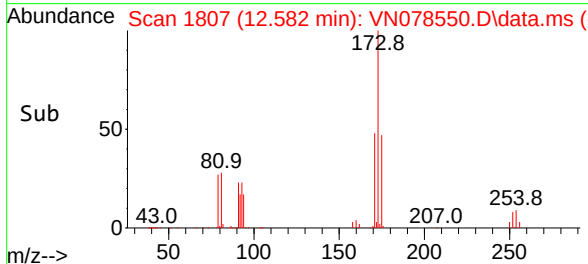
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 226819
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.0 0.0

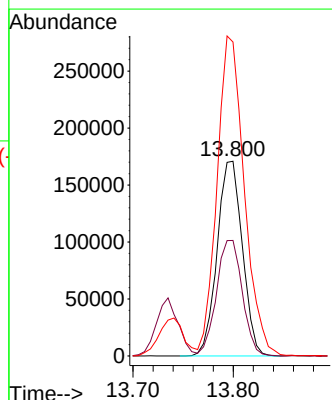
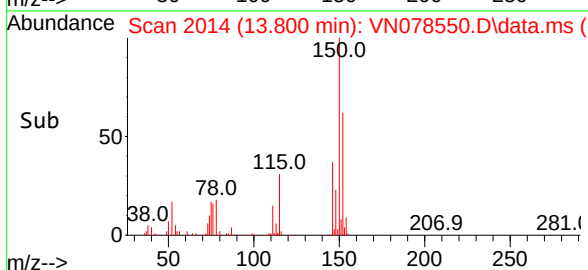
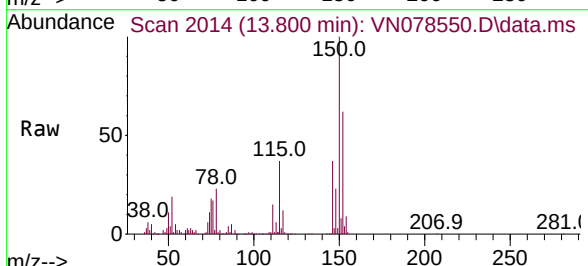
Manual Integrations
APPROVED

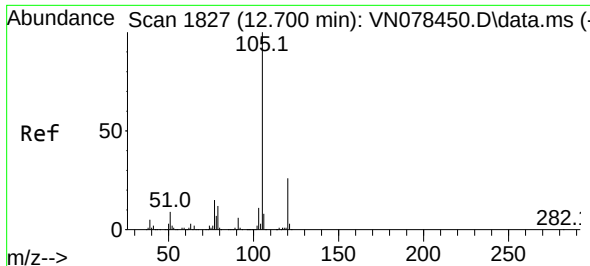
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

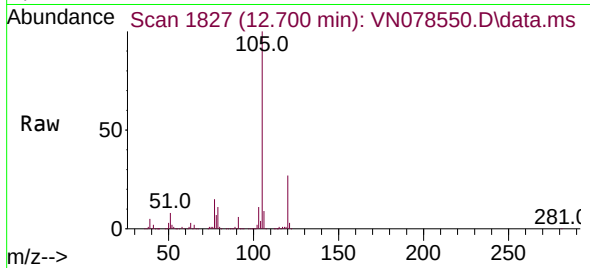
Tgt Ion:152 Resp: 297857
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 177.3 0.0 355.8





#73
Isopropylbenzene
Concen: 47.464 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

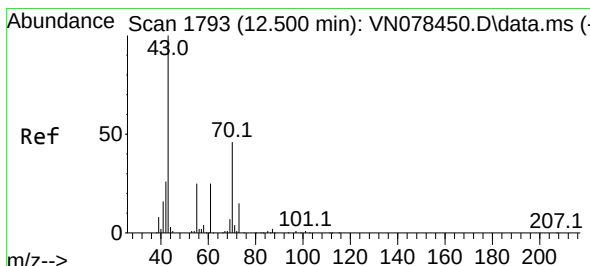
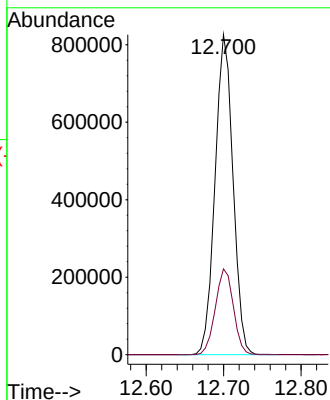
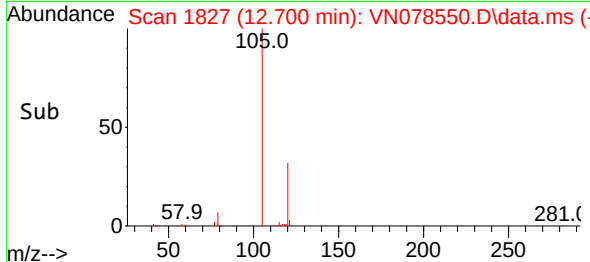
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



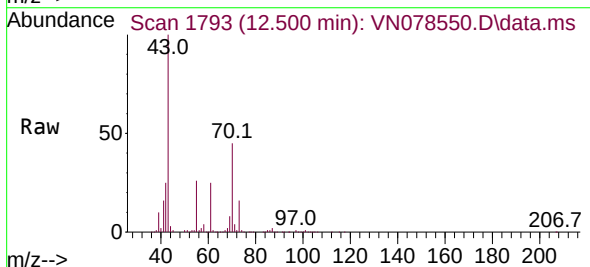
Tgt Ion:105 Resp: 132841
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Manual Integrations
APPROVED

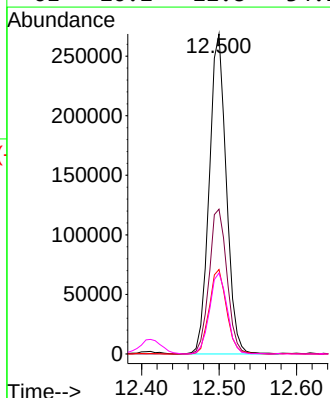
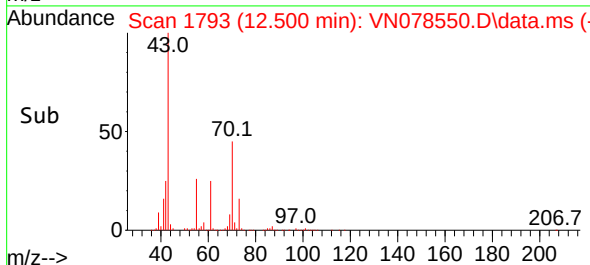
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

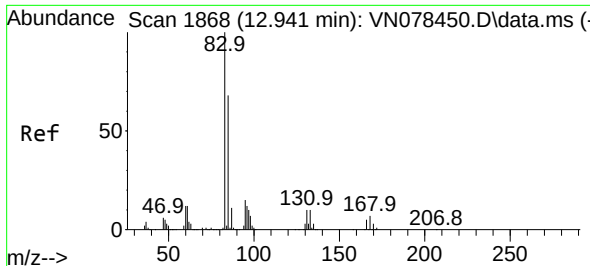


#74
N-ethyl acetate
Concen: 42.600 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



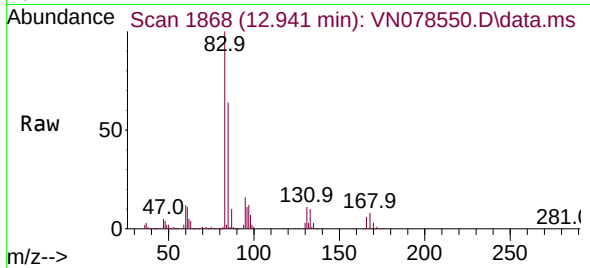
Tgt Ion: 43 Resp: 410888
Ion Ratio Lower Upper
43 100
70 47.4 43.4 65.2
55 26.8 21.4 32.0
61 26.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.368 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

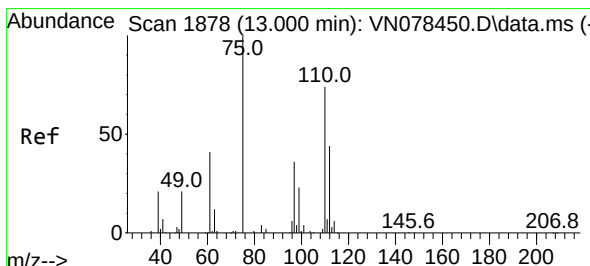
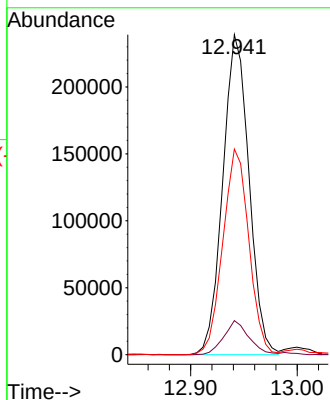
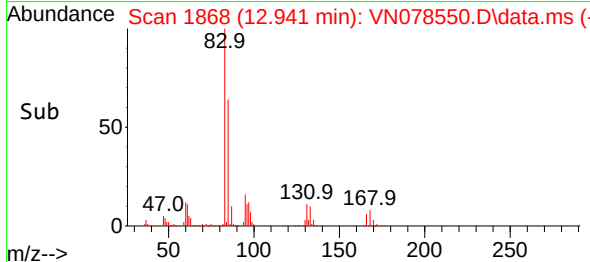
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



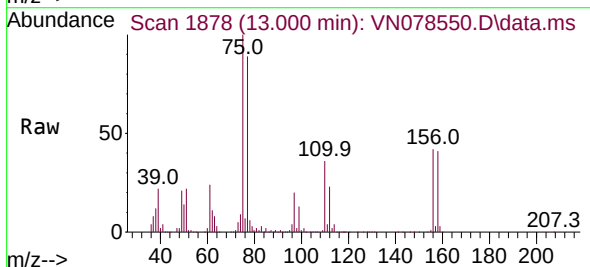
Tgt Ion: 83 Resp: 408219
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.0 31.9 95.7

Manual Integrations
APPROVED

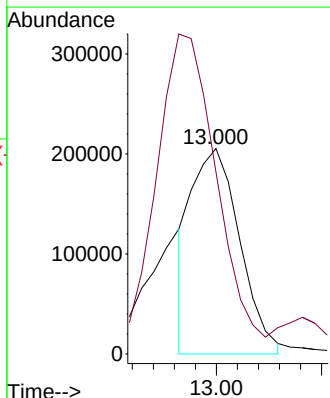
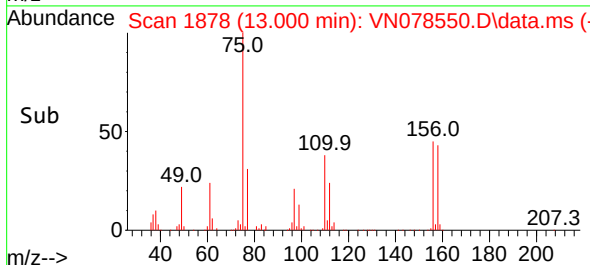
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

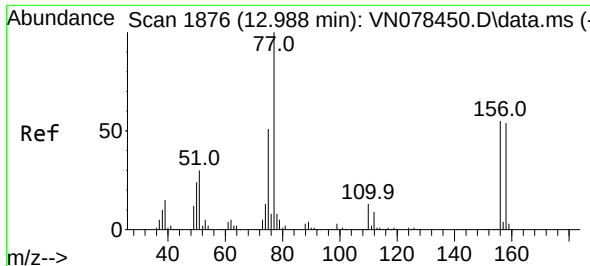


#76
1,2,3-Trichloropropane
Concen: 45.646 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



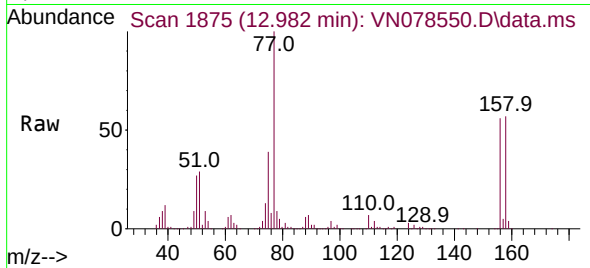
Tgt Ion: 75 Resp: 328629
Ion Ratio Lower Upper
75 100
77 196.5 84.5 253.5





#77
Bromobenzene
Concen: 52.876 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

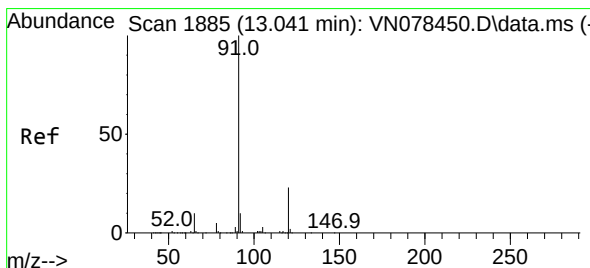
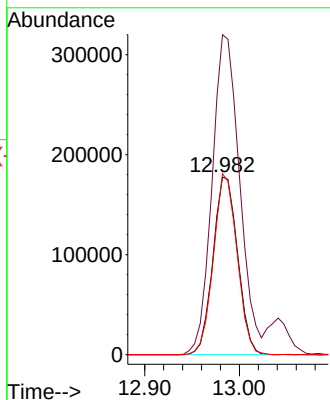
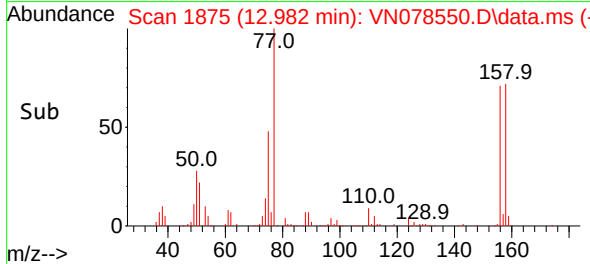
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



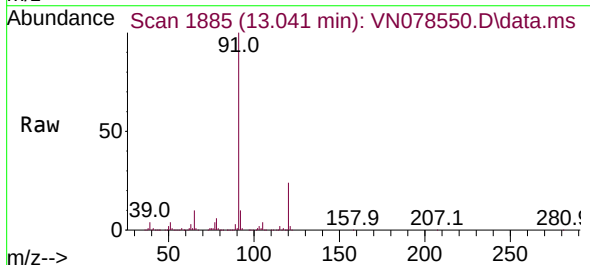
Tgt Ion:156 Resp: 321285
Ion Ratio Lower Upper
156 100
77 201.0 107.7 323.3
158 97.7 48.4 145.3

Manual Integrations
APPROVED

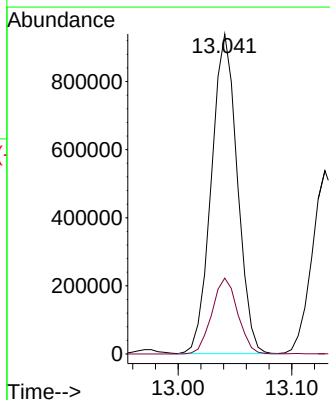
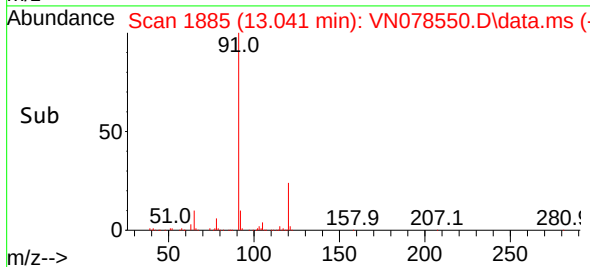
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

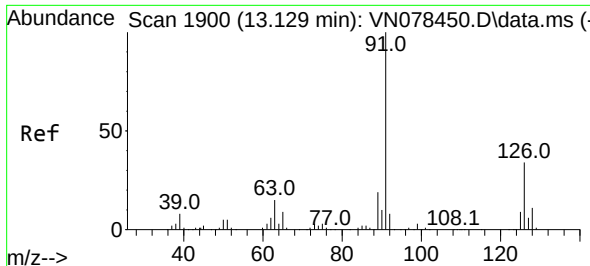


#78
n-propylbenzene
Concen: 49.793 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



Tgt Ion: 91 Resp: 1490384
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





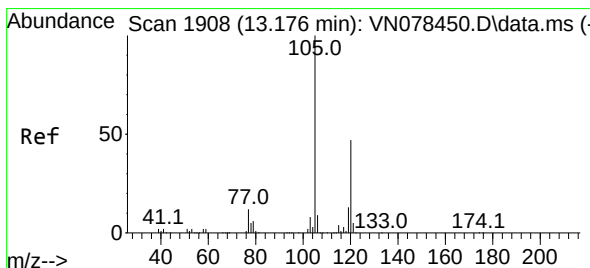
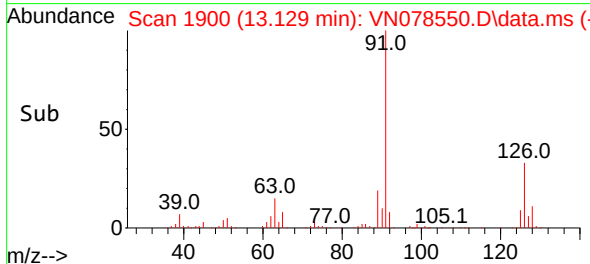
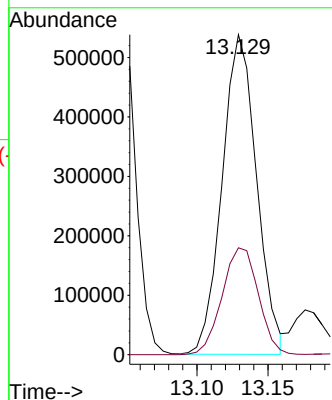
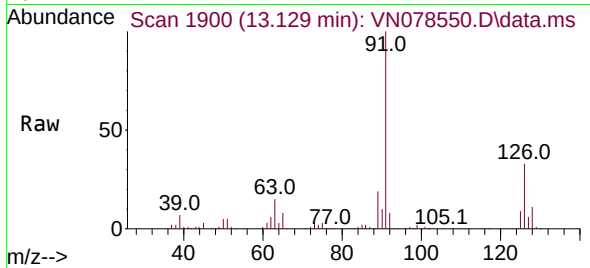
#79
2-Chlorotoluene
Concen: 46.257 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 906880
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8

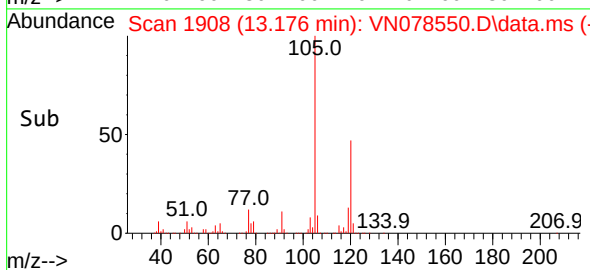
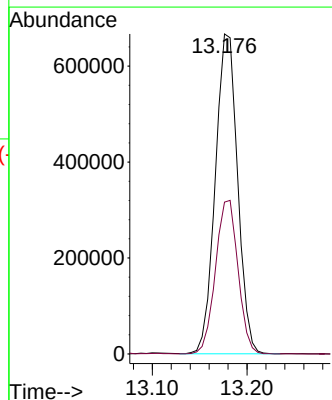
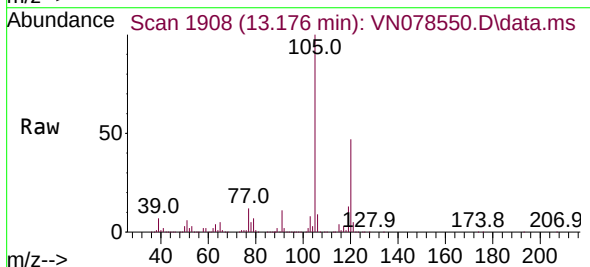
Manual Integrations
APPROVED

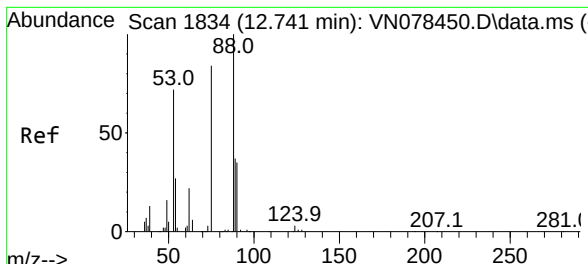
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.340 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

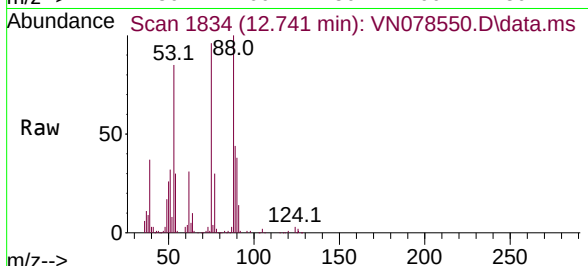
Tgt Ion:105 Resp: 1091097
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.314 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

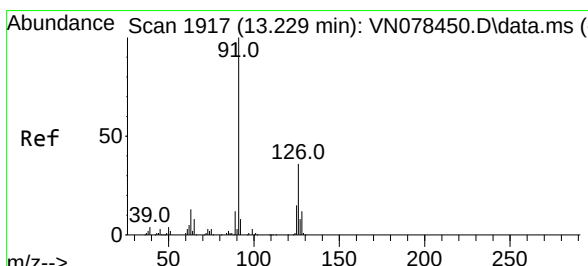
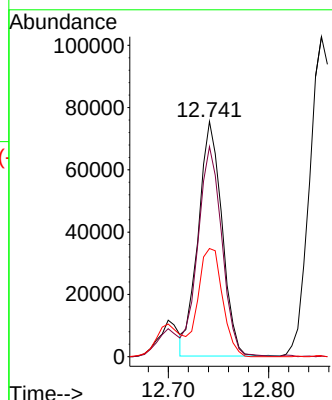
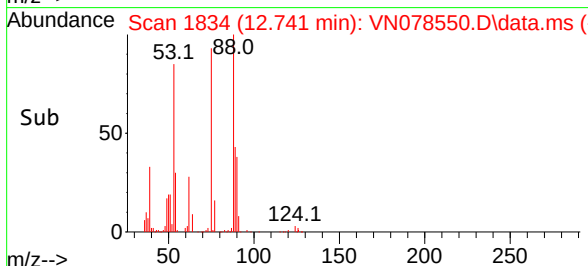
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 124149
Ion Ratio Lower Upper
75 100
53 90.3 67.4 101.2
89 47.0 38.8 58.2

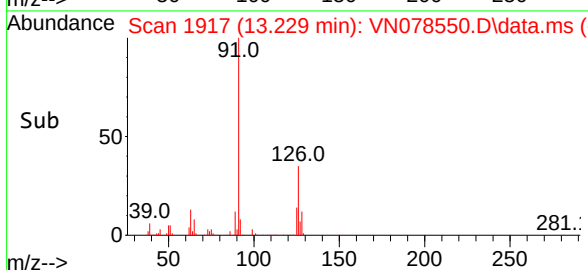
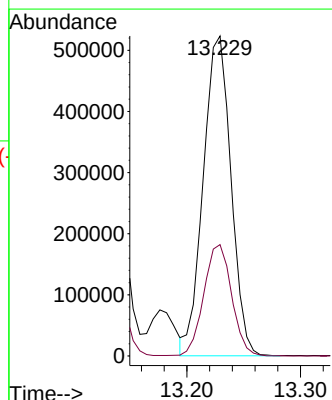
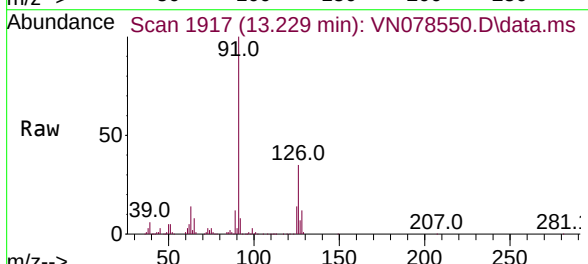
Manual Integrations
APPROVED

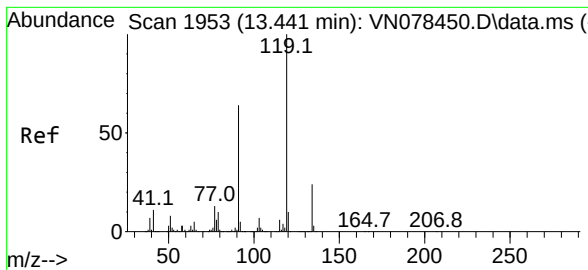
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#82
4-Chlorotoluene
Concen: 48.551 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

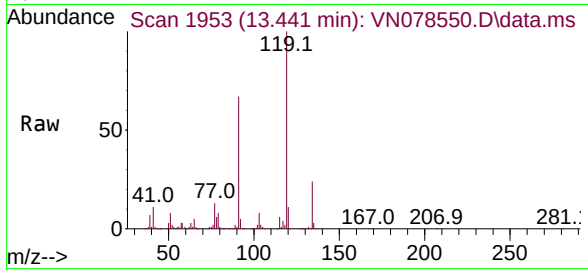
Tgt Ion: 91 Resp: 887968
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.702 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

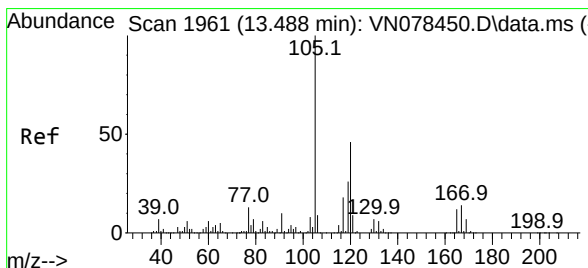
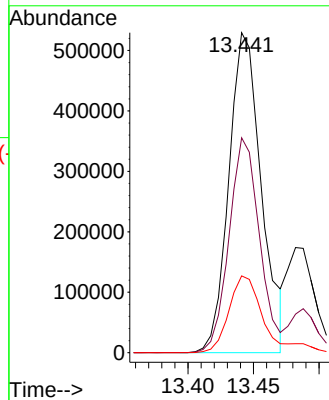
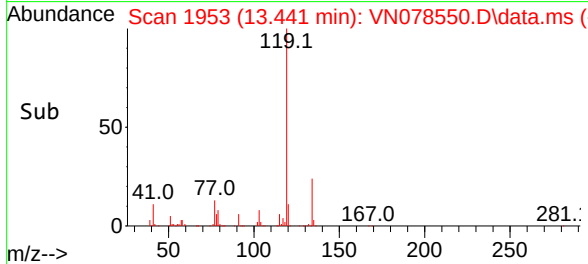
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



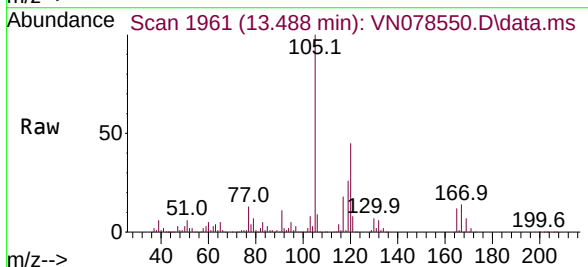
Tgt Ion:119 Resp: 914375
Ion Ratio Lower Upper
119 100
91 63.0 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
APPROVED

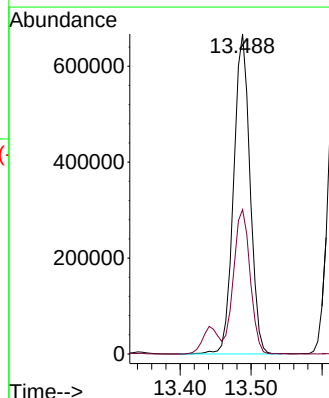
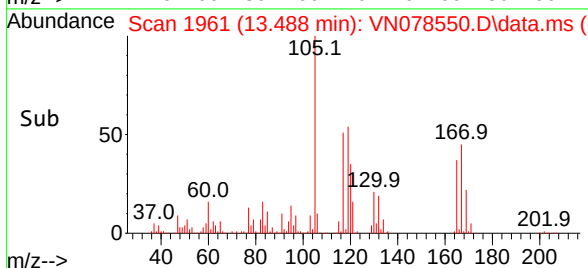
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

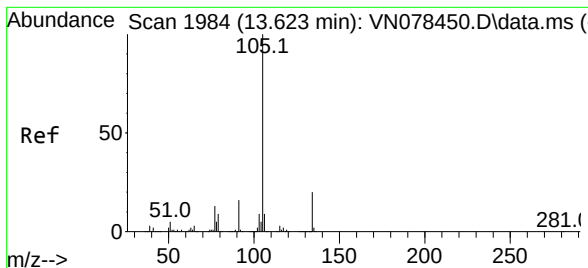


#84
1,2,4-Trimethylbenzene
Concen: 49.774 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



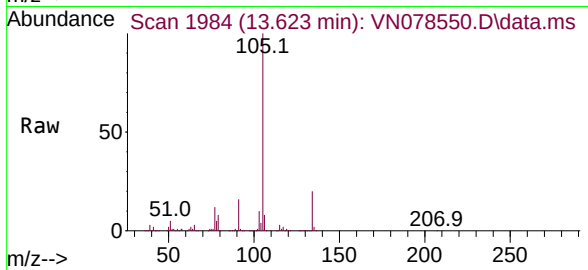
Tgt Ion:105 Resp: 1069143
Ion Ratio Lower Upper
105 100
120 45.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.674 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078550.D
 Acq: 18 Jul 2023 10:29

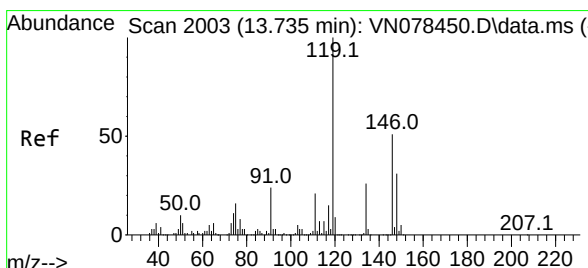
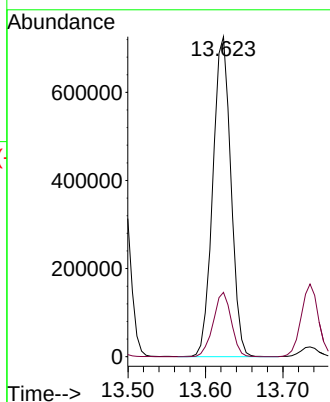
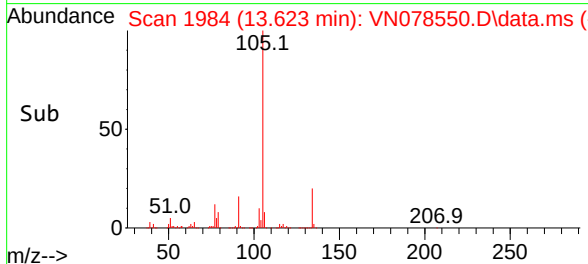
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1178828
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

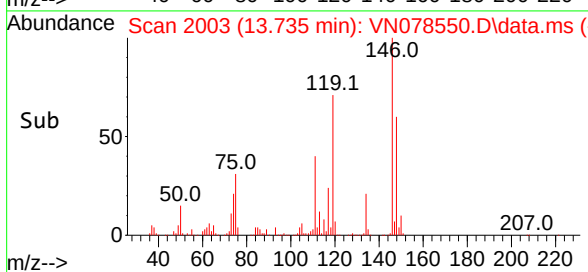
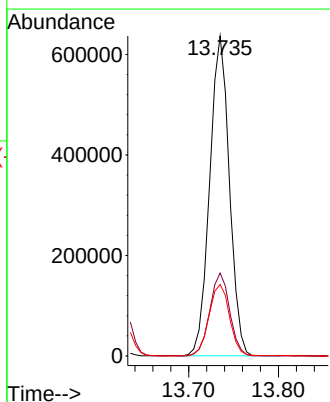
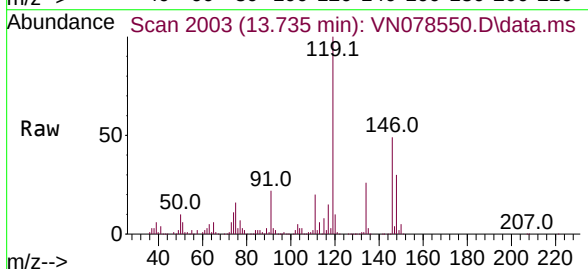
Manual Integrations
 APPROVED

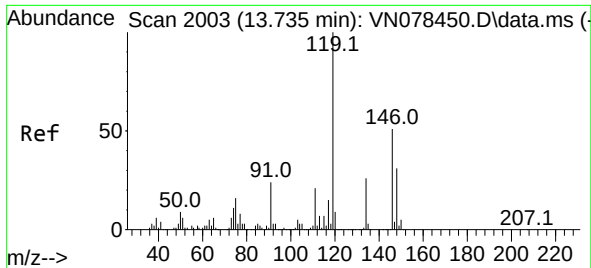
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#86
 p-Isopropyltoluene
 Concen: 50.792 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078550.D
 Acq: 18 Jul 2023 10:29

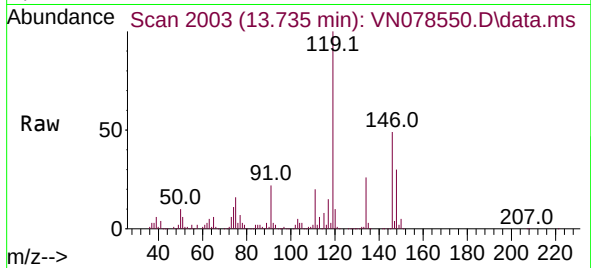
Tgt Ion:119 Resp: 967865
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 23.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.966 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

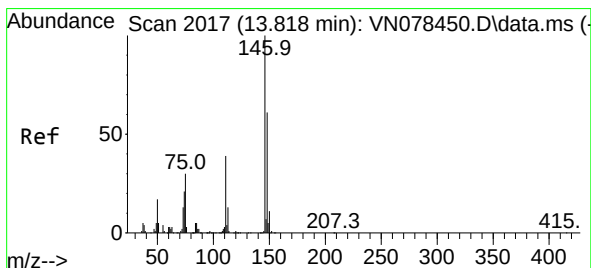
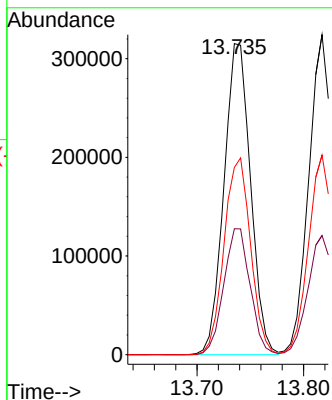
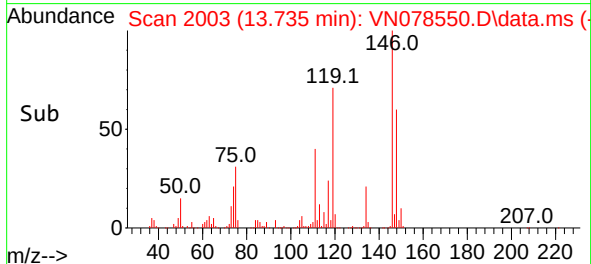
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



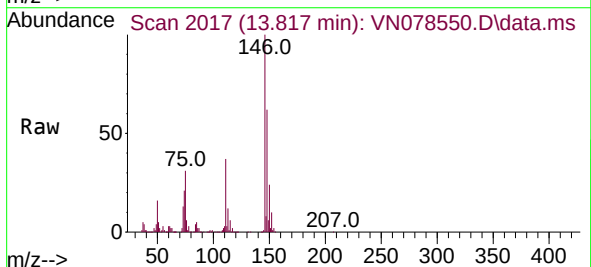
Tgt Ion:146 Resp: 54760
Ion Ratio Lower Upper
146 100
111 40.1 22.1 66.3
148 63.1 32.0 96.0

Manual Integrations
APPROVED

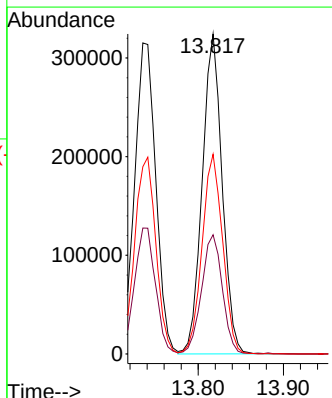
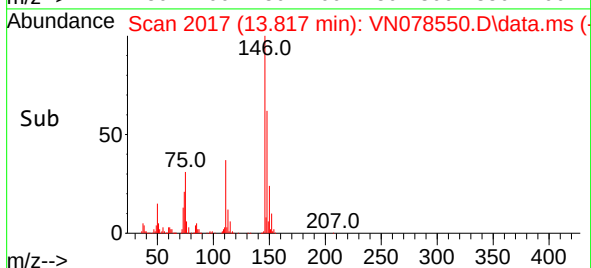
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

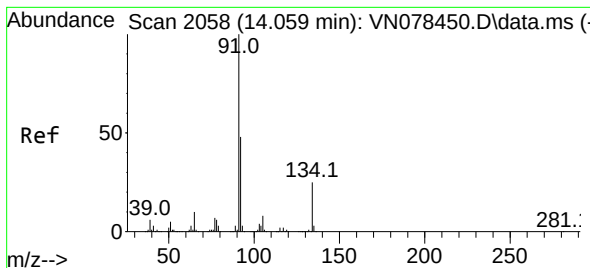


#88
1,4-Dichlorobenzene
Concen: 48.654 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



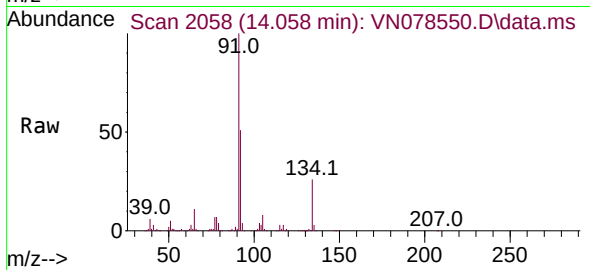
Tgt Ion:146 Resp: 526549
Ion Ratio Lower Upper
146 100
111 38.7 20.6 61.8
148 64.4 31.6 94.8





#89
n-Butylbenzene
Concen: 51.745 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

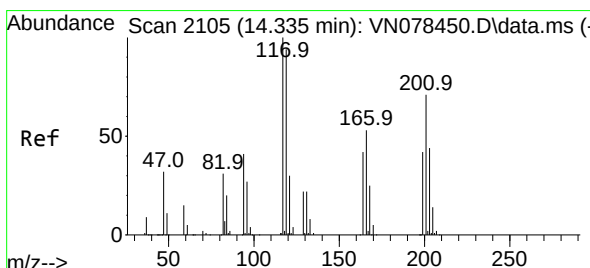
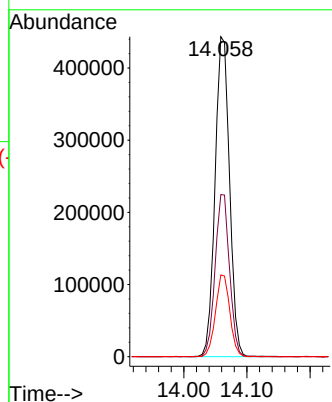
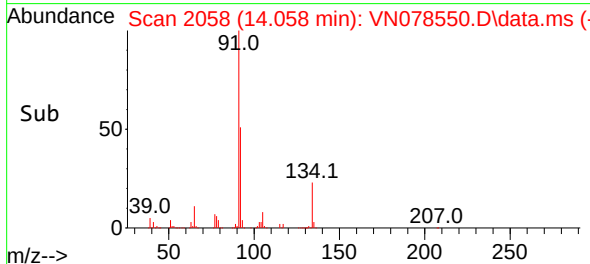
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 705508
Ion Ratio Lower Upper
91 100
92 50.5 26.4 79.0
134 25.3 12.6 37.6

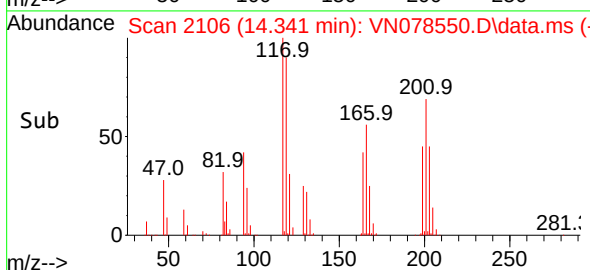
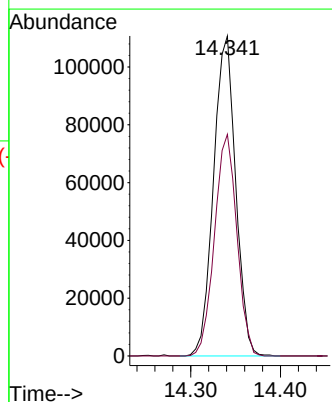
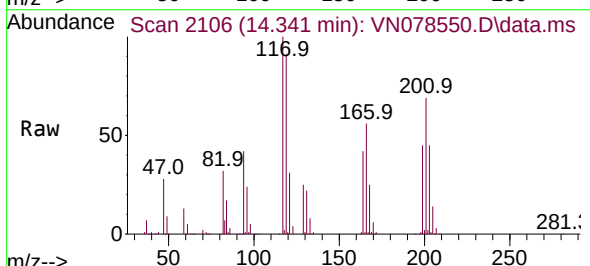
Manual Integrations
APPROVED

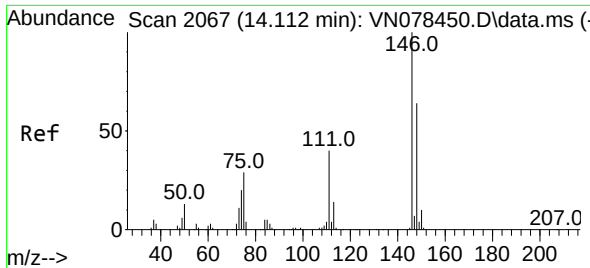
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#90
Hexachloroethane
Concen: 54.172 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

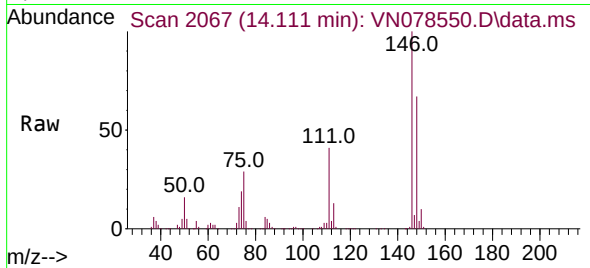
Tgt Ion:117 Resp: 189491
Ion Ratio Lower Upper
117 100
201 69.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.686 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

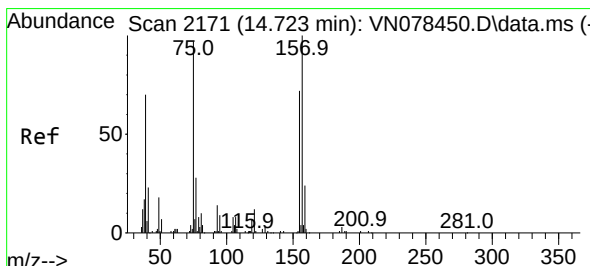
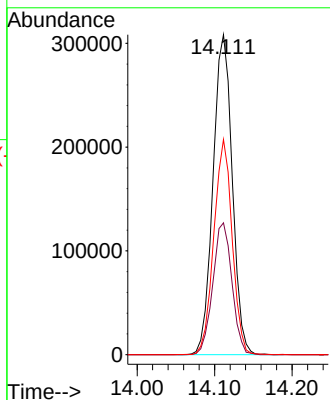
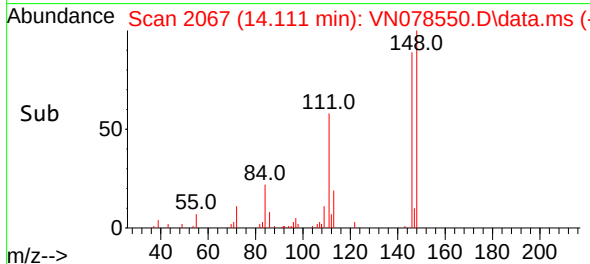
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 53127
Ion Ratio Lower Upper
146 100
111 41.0 22.0 66.0
148 64.3 31.8 95.3

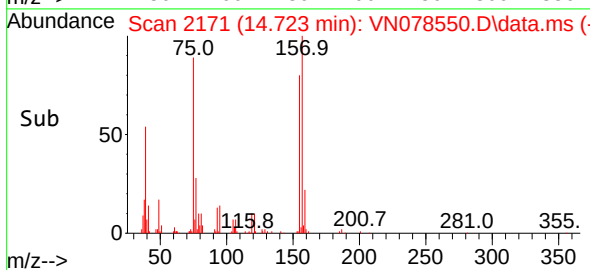
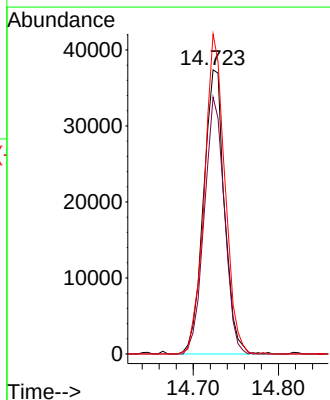
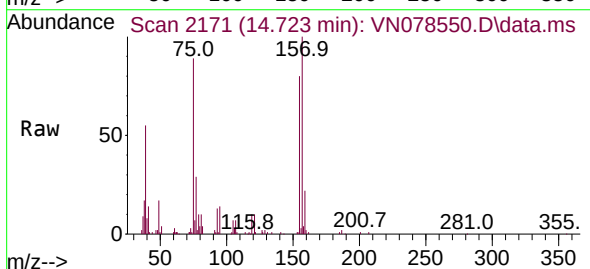
Manual Integrations
APPROVED

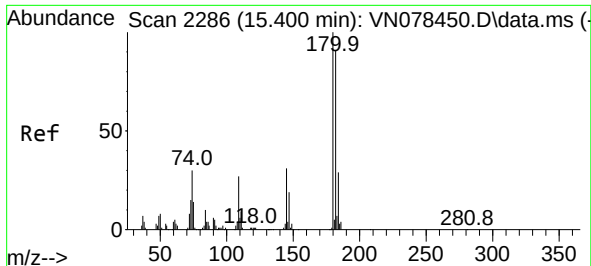
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.648 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

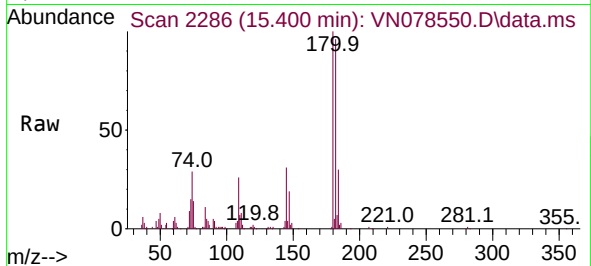
Tgt Ion: 75 Resp: 63963
Ion Ratio Lower Upper
75 100
155 86.8 39.1 117.2
157 109.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.914 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

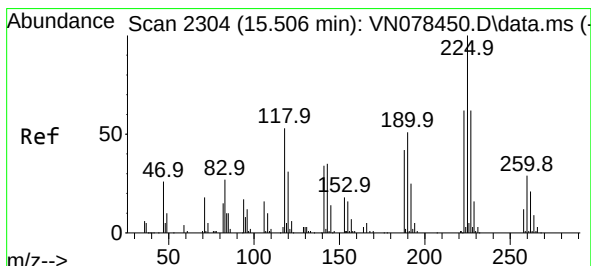
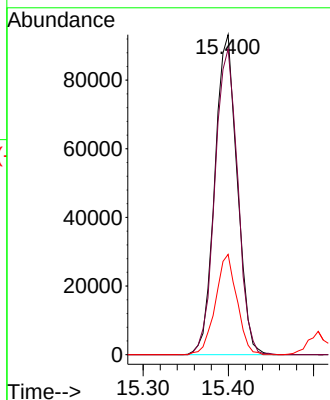
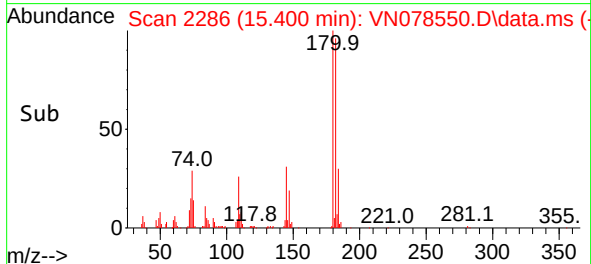
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



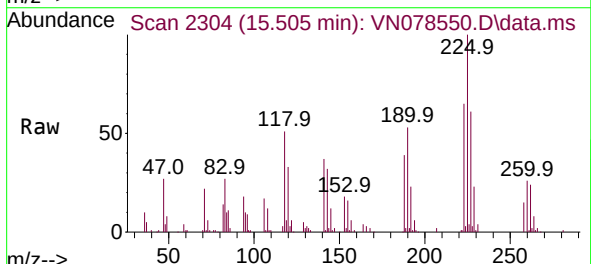
Tgt Ion:180 Resp: 170335
Ion Ratio Lower Upper
180 100
182 97.3 46.1 138.2
145 30.1 16.6 49.8

Manual Integrations
APPROVED

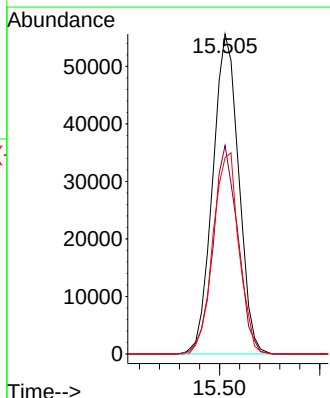
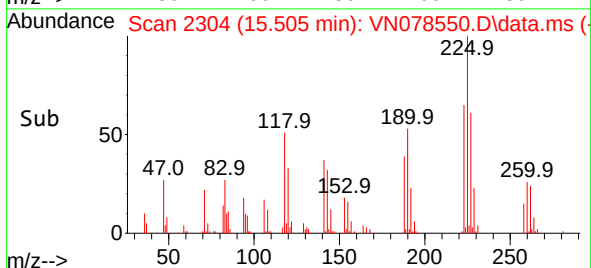
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

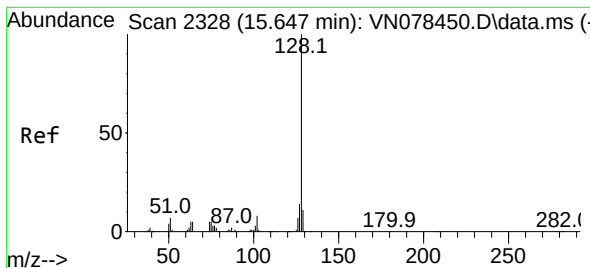


#94
Hexachlorobutadiene
Concen: 57.278 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



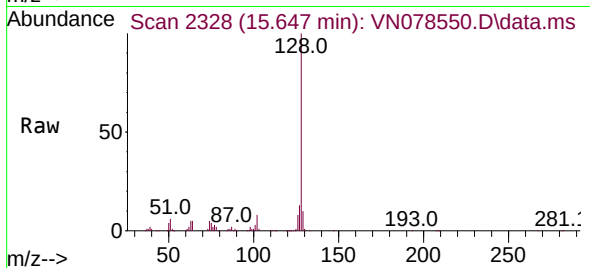
Tgt Ion:225 Resp: 100054
Ion Ratio Lower Upper
225 100
223 62.3 31.3 93.8
227 62.9 31.9 95.9





#95
Naphthalene
Concen: 41.807 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29

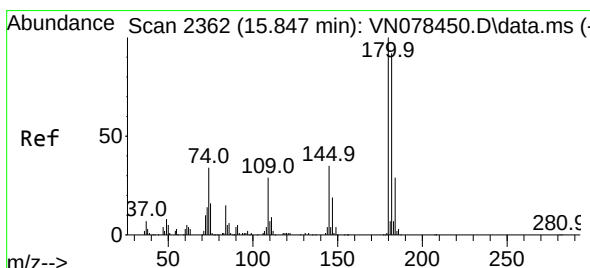
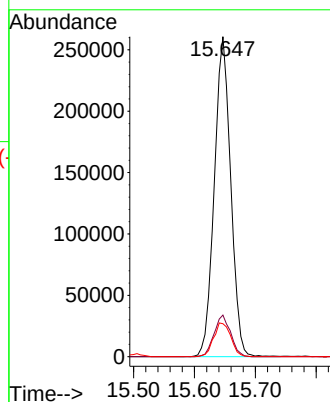
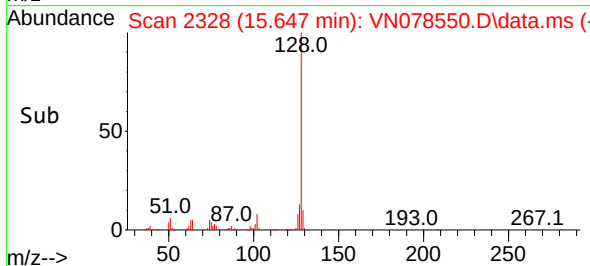
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



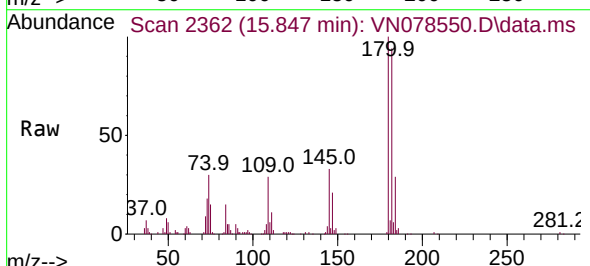
Tgt Ion:128 Resp: 487735
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.284 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078550.D
Acq: 18 Jul 2023 10:29



Tgt Ion:180 Resp: 185539
Ion Ratio Lower Upper
180 100
182 96.0 46.2 138.6
145 32.5 17.5 52.6

