

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080310.D
 Acq On : 29 Nov 2023 16:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:46:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	245680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196908	48.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.080%		
35) Dibromofluoromethane	8.165	113	145558	52.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.720%		
50) Toluene-d8	10.565	98	514323	51.328	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.847	95	192228	50.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	158767	43.384	ug/l	99
3) Chloromethane	2.365	50	120537	43.809	ug/l	96
4) Vinyl Chloride	2.512	62	133246	45.762	ug/l	93
5) Bromomethane	2.948	94	84926	42.965	ug/l	99
6) Chloroethane	3.118	64	82881	45.837	ug/l	96
7) Trichlorofluoromethane	3.500	101	274448	45.184	ug/l	97
8) Diethyl Ether	3.953	74	79639	45.084	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	125532	45.217	ug/l	93
10) Methyl Iodide	4.594	142	146684	48.890	ug/l #	88
11) Tert butyl alcohol	5.512	59	92884	208.215	ug/l	99
12) 1,1-Dichloroethene	4.336	96	119983	46.207	ug/l	88
13) Acrolein	4.171	56	113718	288.048	ug/l	97
14) Allyl chloride	5.018	41	150443	46.050	ug/l	94
15) Acrylonitrile	5.712	53	255097	213.014	ug/l	99
16) Acetone	4.418	43	236041	173.241	ug/l	97
17) Carbon Disulfide	4.712	76	302363	38.998	ug/l	97
18) Methyl Acetate	5.018	43	185248	42.316	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	438577	47.827	ug/l	99
20) Methylene Chloride	5.271	84	138765	48.633	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	131230	46.003	ug/l #	80
22) Diisopropyl ether	6.671	45	347029	48.012	ug/l	96
23) Vinyl Acetate	6.600	43	938455	215.965	ug/l	93
24) 1,1-Dichloroethane	6.565	63	243442	46.243	ug/l	99
25) 2-Butanone	7.477	43	297785	183.953	ug/l	93
26) 2,2-Dichloropropane	7.494	77	244333	46.780	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	152047	47.012	ug/l	86
28) Bromochloromethane	7.812	49	97716	47.214	ug/l	100
29) Tetrahydrofuran	7.835	42	176597	203.195	ug/l	95
30) Chloroform	7.965	83	279728	47.540	ug/l	93
31) Cyclohexane	8.253	56	175250	39.725	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	274445	47.827	ug/l	100
36) 1,1-Dichloropropene	8.371	75	195823	48.658	ug/l	95
37) Ethyl Acetate	7.559	43	116666	41.793	ug/l	98
38) Carbon Tetrachloride	8.359	117	246693	48.304	ug/l	99
39) Methylcyclohexane	9.600	83	182065	46.919	ug/l	91
40) Benzene	8.606	78	543380	47.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	73527	47.962	ug/l	92
42) 1,2-Dichloroethane	8.671	62	228072	48.738	ug/l	95
43) Isopropyl Acetate	8.688	43	211014	38.845	ug/l	97
44) Trichloroethene	9.353	130	149481	49.822	ug/l	97
45) 1,2-Dichloropropane	9.618	63	128100	48.193	ug/l	94
46) Dibromomethane	9.706	93	96293	47.857	ug/l	90
47) Bromodichloromethane	9.888	83	225575	50.965	ug/l	97
48) Methyl methacrylate	9.682	41	128718	45.980	ug/l	94
49) 1,4-Dioxane	9.694	88	38886	834.970	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	609837	216.840	ug/l	99
52) Toluene	10.629	92	355665	49.687	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	227132	49.947	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	239446	51.539	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	132084	48.346	ug/l	98
56) Ethyl methacrylate	10.876	69	138506	49.626	ug/l	93
57) 1,3-Dichloropropane	11.165	76	231596	48.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	359906	228.893	ug/l	99
59) 2-Hexanone	11.194	43	444172	196.544	ug/l	99
60) Dibromochloromethane	11.359	129	168086	51.389	ug/l	99
61) 1,2-Dibromoethane	11.465	107	131694	47.250	ug/l	98
64) Tetrachloroethene	11.106	164	149100	57.296	ug/l	98
65) Chlorobenzene	11.888	112	365864	47.352	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	154539	51.541	ug/l	94
67) Ethyl Benzene	11.965	91	682491	49.640	ug/l	97
68) m/p-Xylenes	12.070	106	505974	100.934	ug/l	87
69) o-Xylene	12.400	106	244308	51.713	ug/l	88
70) Styrene	12.412	104	367427	52.254	ug/l	93
71) Bromoform	12.576	173	110481	49.687	ug/l #	99
73) Isopropylbenzene	12.694	105	653920	50.440	ug/l	99
74) N-amyl acetate	12.494	43	169087	41.823	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	156871	40.429	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	173044m	42.332	ug/l	
77) Bromobenzene	12.982	156	158435	48.472	ug/l	94
78) n-propylbenzene	13.035	91	733967	50.628	ug/l	99
79) 2-Chlorotoluene	13.123	91	471432	50.068	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	561956	49.795	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	51808	42.820	ug/l #	76
82) 4-Chlorotoluene	13.223	91	472383	48.972	ug/l	96
83) tert-Butylbenzene	13.441	119	452244	49.971	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	566005	50.934	ug/l	97
85) sec-Butylbenzene	13.617	105	587742	51.337	ug/l	100
86) p-Isopropyltoluene	13.729	119	535403	52.351	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	280403	47.615	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	277413	46.875	ug/l	98
89) n-Butylbenzene	14.059	91	438231	51.195	ug/l	100
90) Hexachloroethane	14.335	117	93823	47.058	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	264524	46.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34334	38.095	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	143925	43.912	ug/l	97
94) Hexachlorobutadiene	15.500	225	83871	44.467	ug/l	98
95) Naphthalene	15.641	128	364477	38.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	137662	44.810	ug/l	99

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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

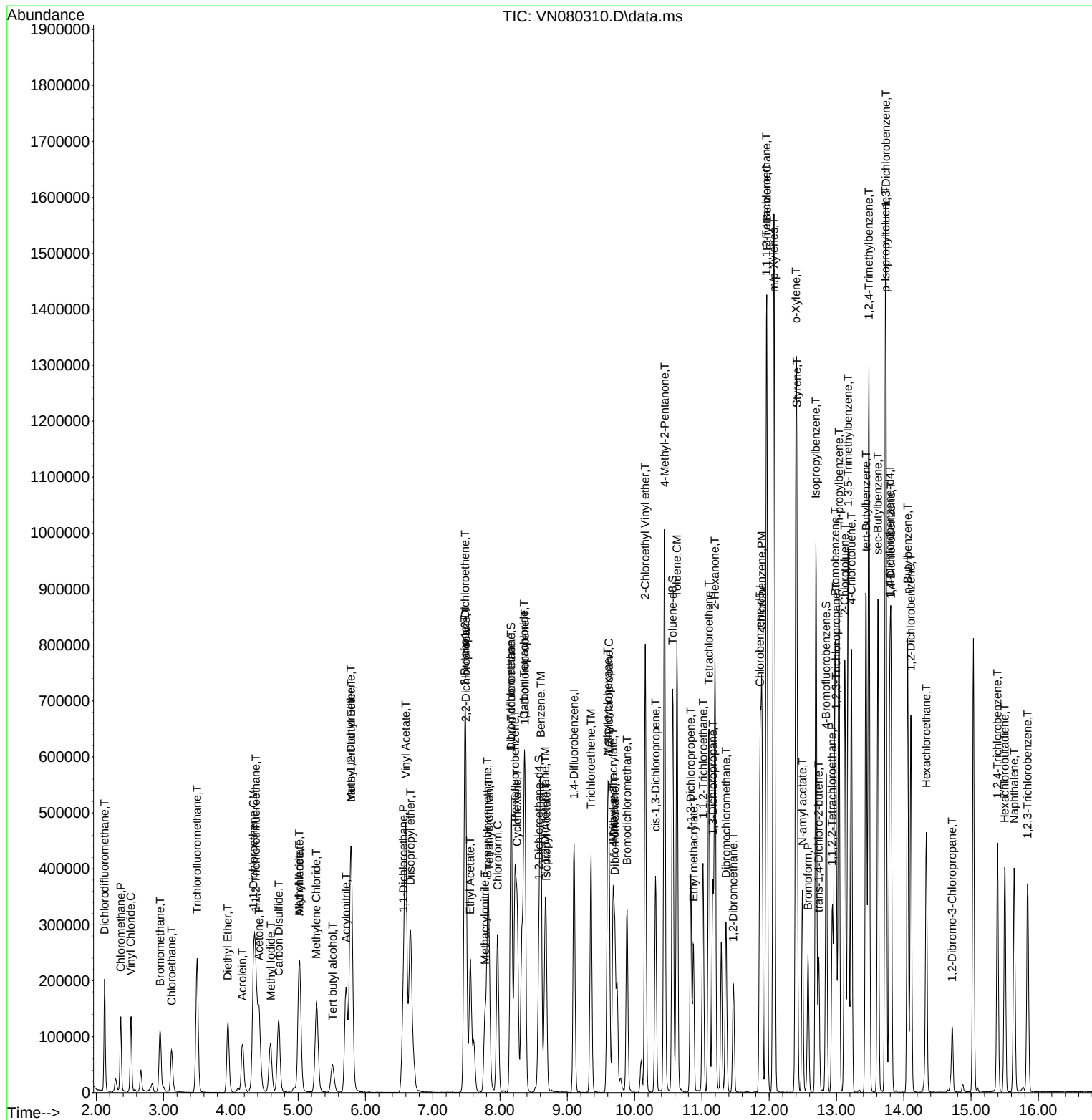
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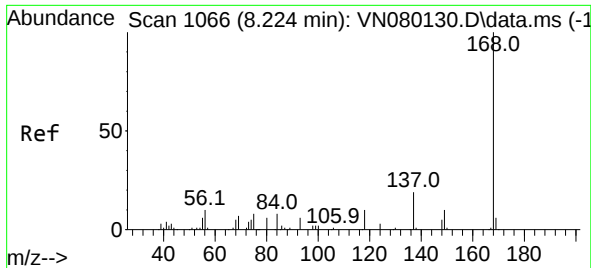
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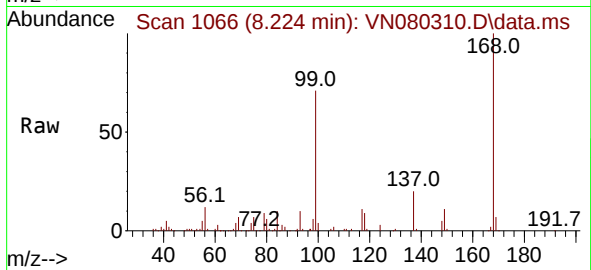
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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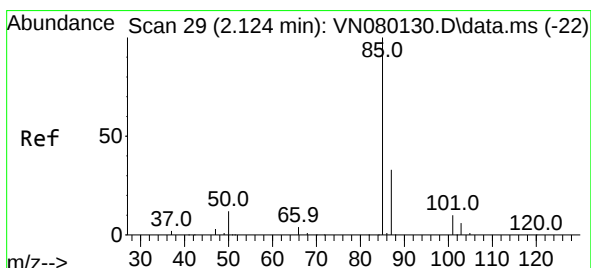
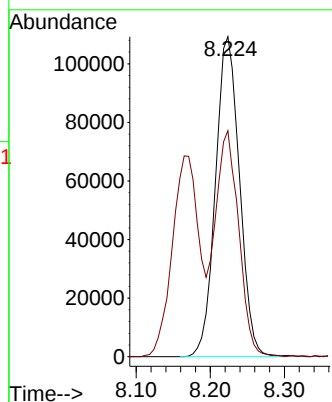
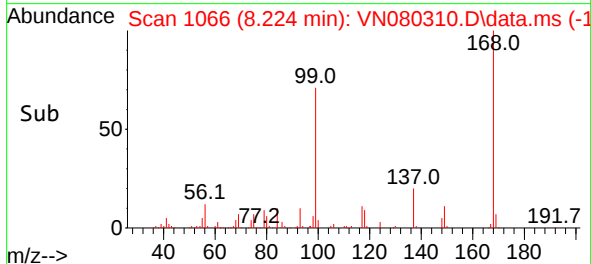
Instrument :
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Tgt Ion:168 Resp: 245680
Ion Ratio Lower Upper
168 100
99 70.3 53.0 79.6

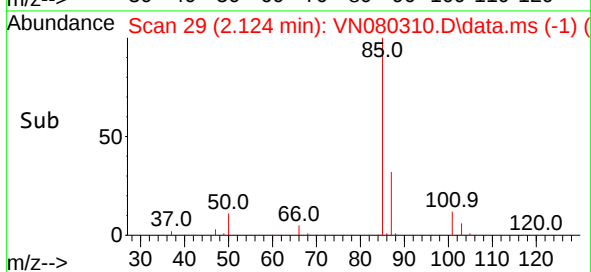
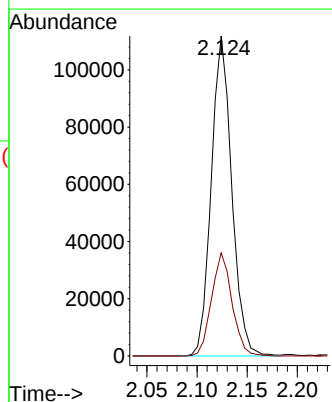
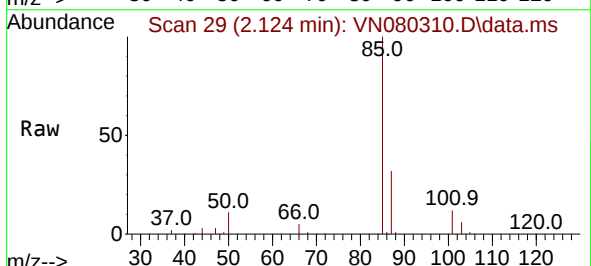
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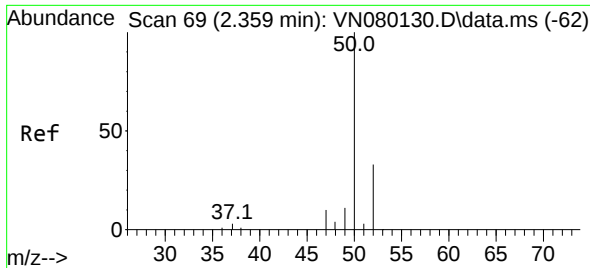
Reviewed By :John Carlone 11/30/2023
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#2
Dichlorodifluoromethane
Concen: 43.384 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion: 85 Resp: 158767
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





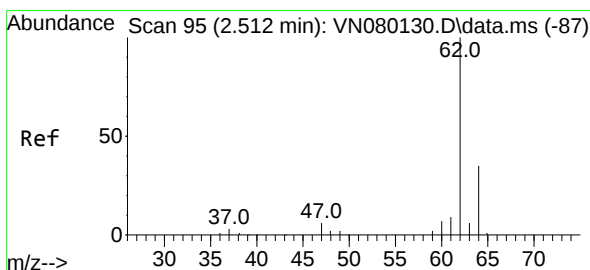
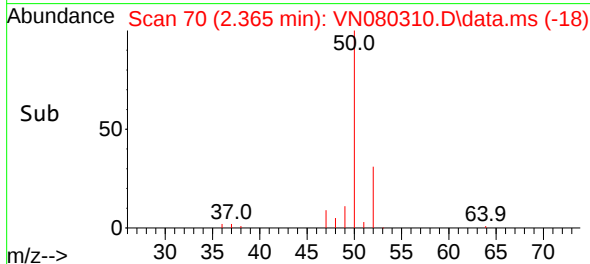
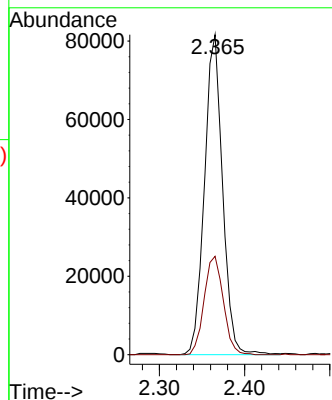
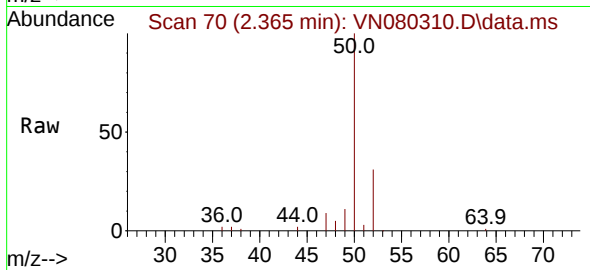
#3
Chloromethane
Concen: 43.809 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 12053
Ion Ratio Lower Upper
50 100
52 30.8 26.5 39.7

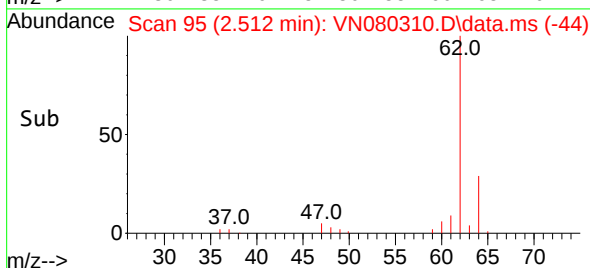
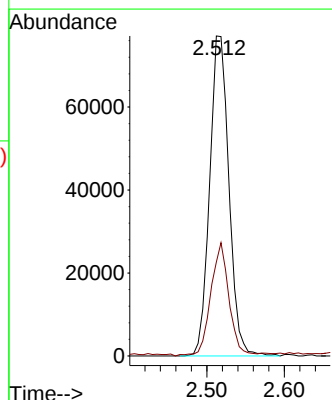
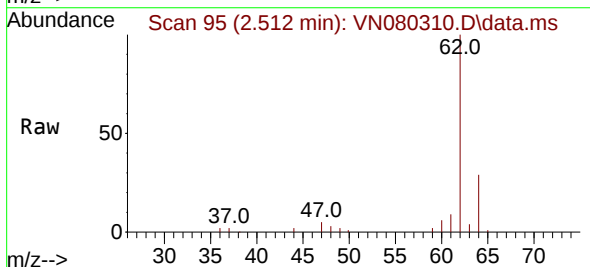
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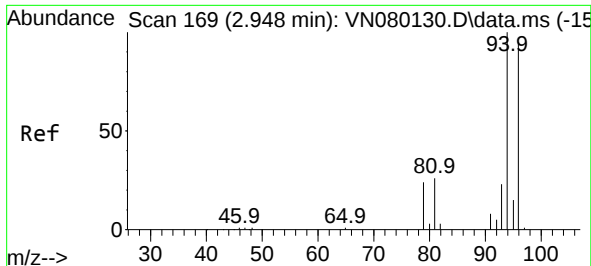
Reviewed By :John Carlone 11/30/2023
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#4
Vinyl Chloride
Concen: 45.762 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

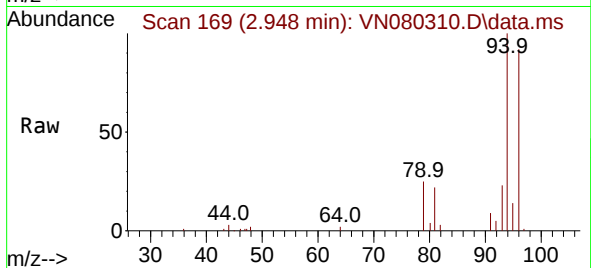
Tgt Ion: 62 Resp: 133246
Ion Ratio Lower Upper
62 100
64 28.9 26.2 39.2





#5
Bromomethane
Concen: 42.965 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN080310.D
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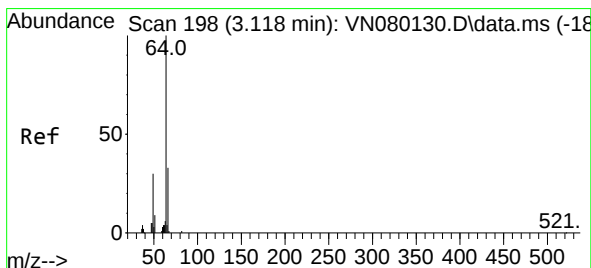
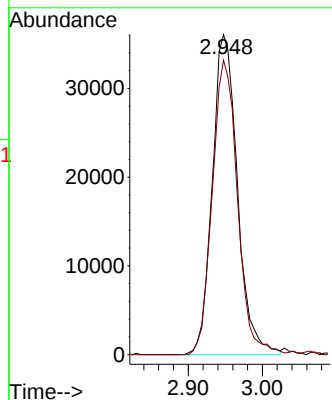
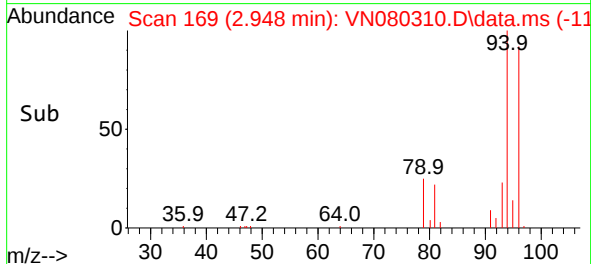
Instrument :
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Tgt Ion: 94 Resp: 84920
Ion Ratio Lower Upper
94 100
96 92.0 73.1 109.7

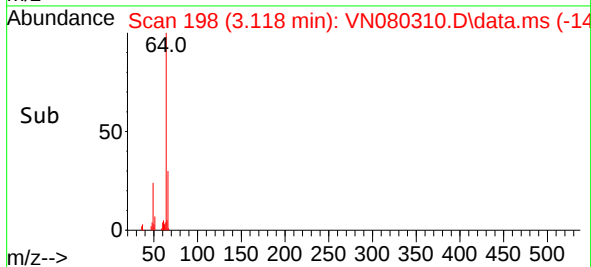
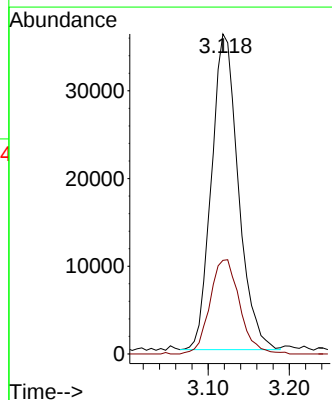
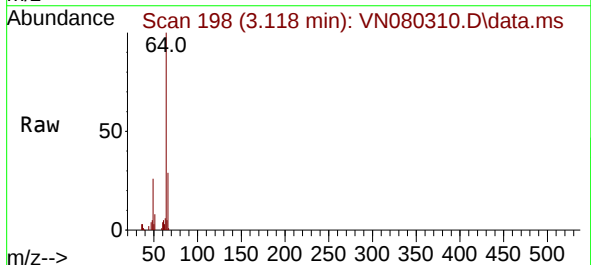
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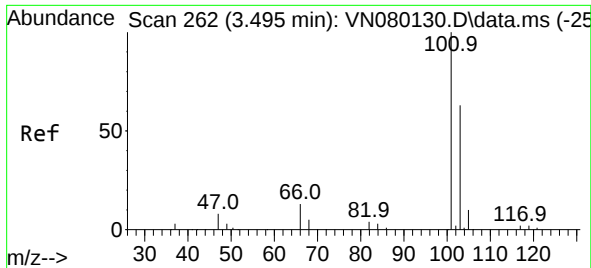
Reviewed By :John Carlone 11/30/2023
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#6
Chloroethane
Concen: 45.837 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion: 64 Resp: 82881
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





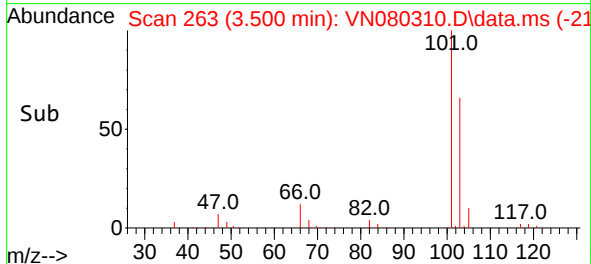
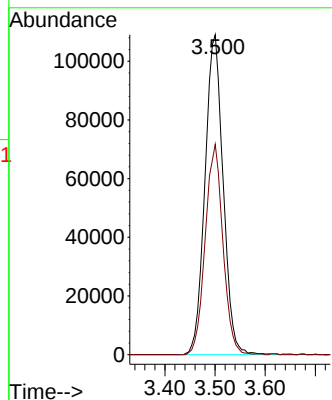
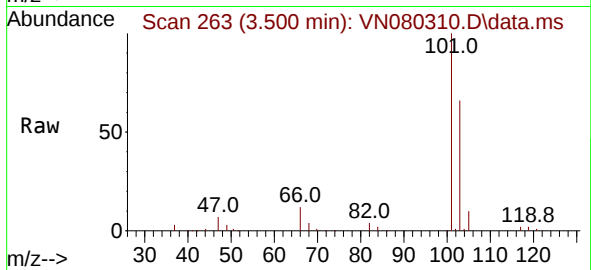
#7
Trichlorofluoromethane
Concen: 45.184 ug/l
RT: 3.500 min Scan# 274448
Delta R.T. 0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 274448
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

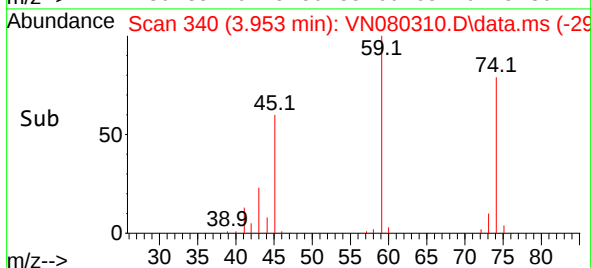
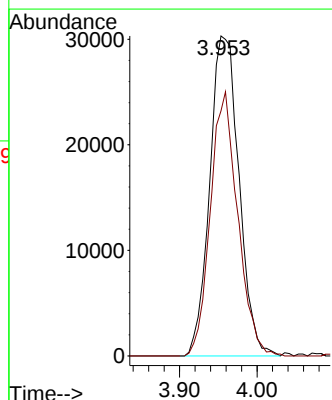
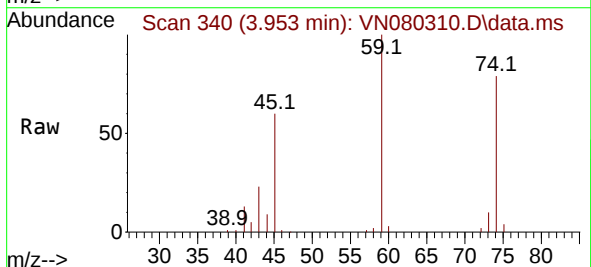
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#8
Diethyl Ether
Concen: 45.084 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion: 74 Resp: 79639
Ion Ratio Lower Upper
74 100
45 77.1 34.4 103.3





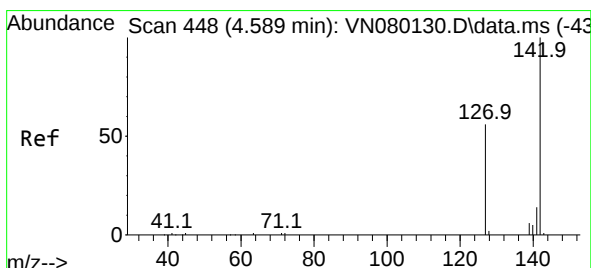
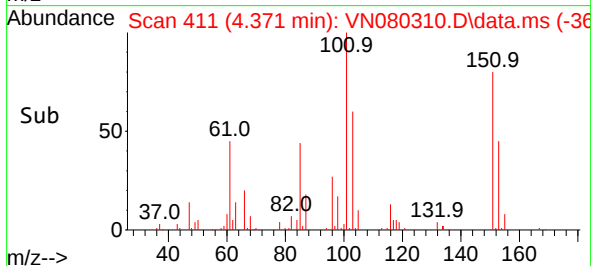
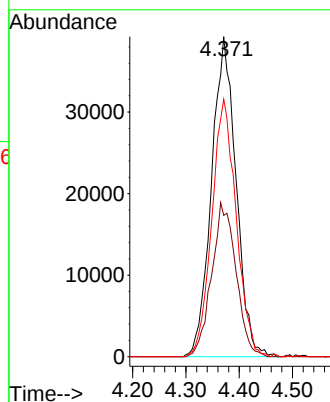
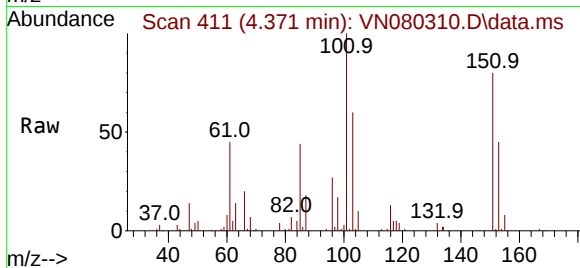
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.217 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12553
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 79.8 57.6 86.4

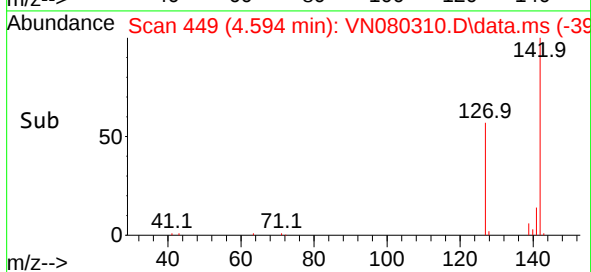
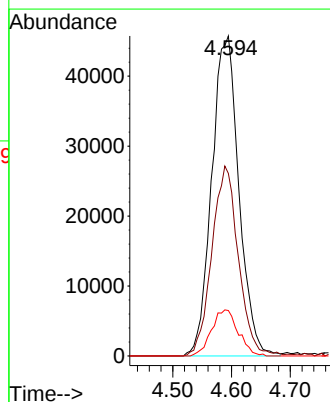
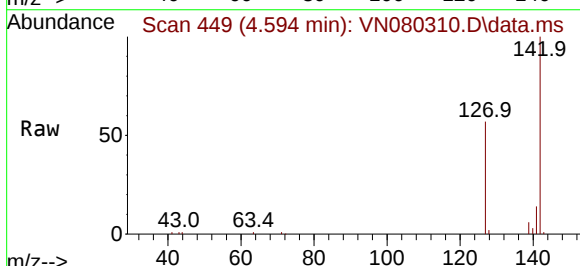
Manual Integrations
APPROVED

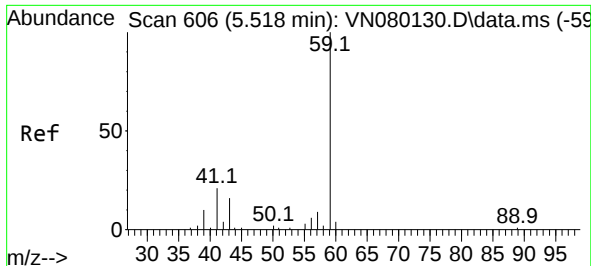
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#10
Methyl Iodide
Concen: 48.890 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion:142 Resp: 146684
Ion Ratio Lower Upper
142 100
127 57.0 37.6 56.4#
141 14.2 11.4 17.0





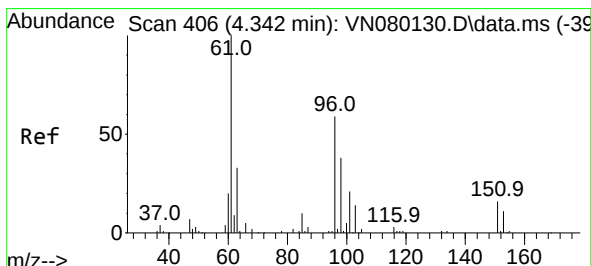
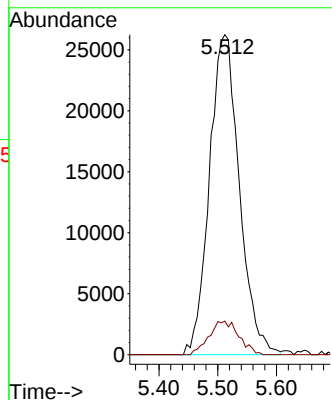
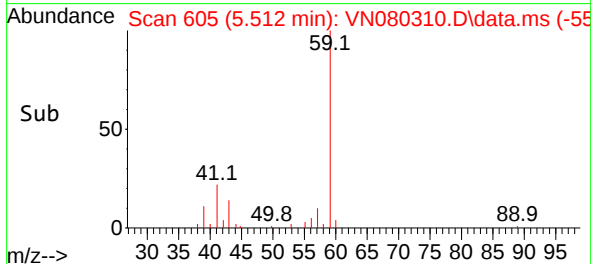
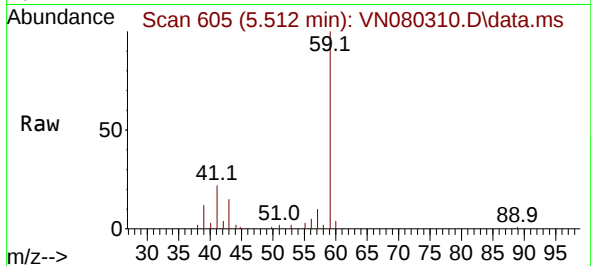
#11
Tert butyl alcohol
Concen: 208.215 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 92884
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

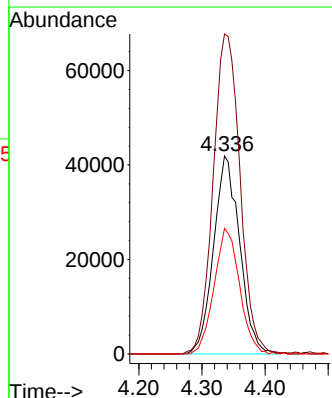
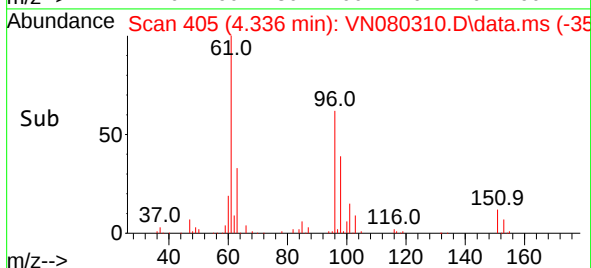
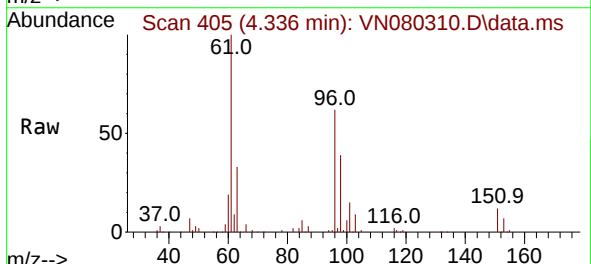
Manual Integrations
APPROVED

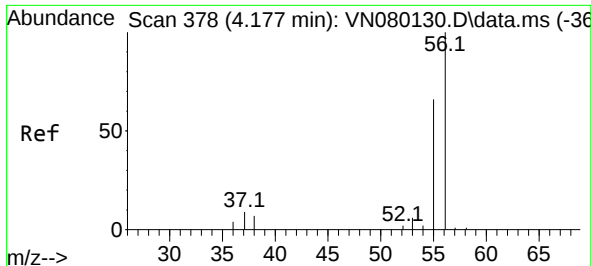
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#12
1,1-Dichloroethene
Concen: 46.207 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

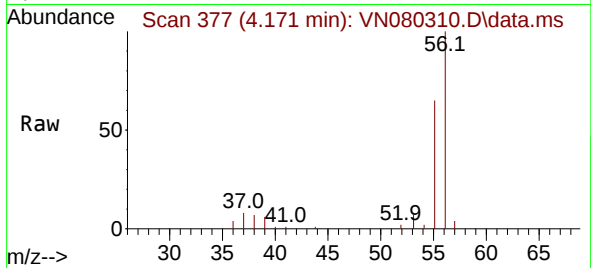
Tgt Ion: 96 Resp: 119983
Ion Ratio Lower Upper
96 100
61 161.6 112.7 169.1
98 63.4 51.2 76.8





#13
Acrolein
Concen: 288.048 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

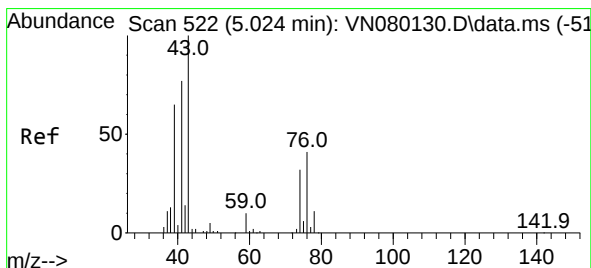
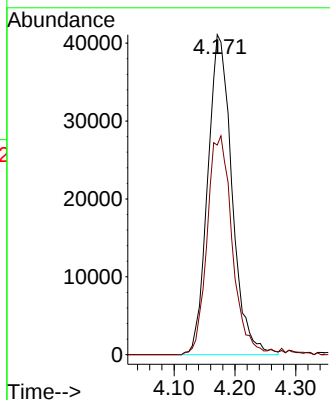
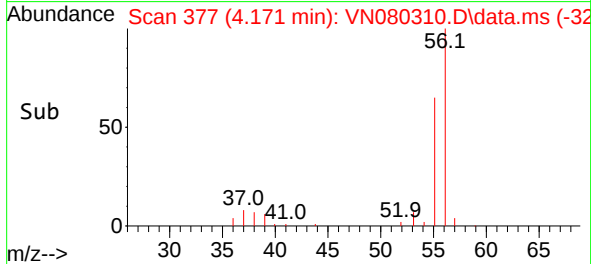
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 113718
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

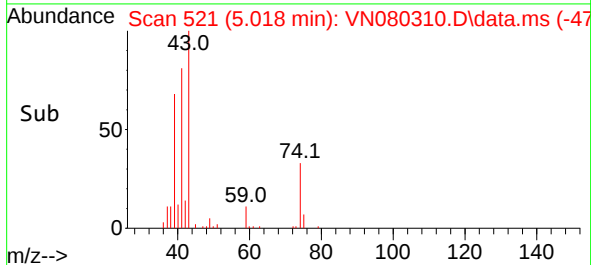
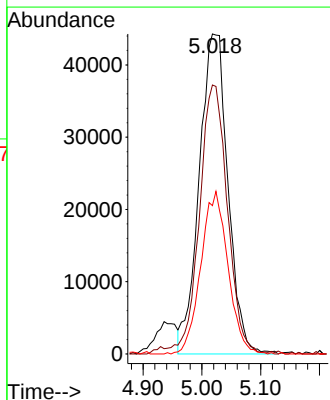
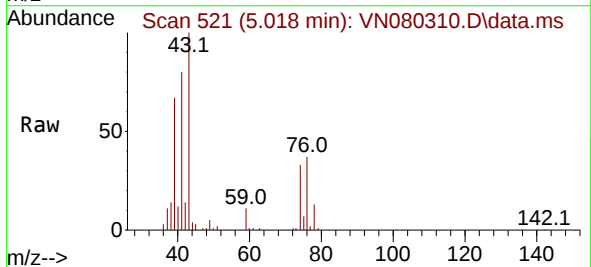
Manual Integrations
APPROVED

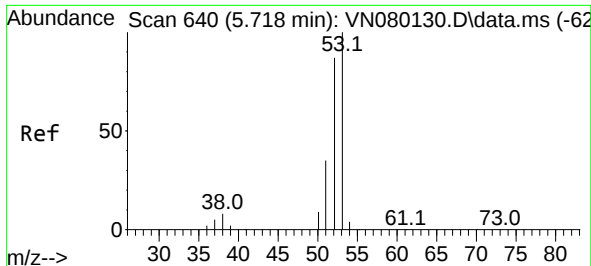
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#14
Allyl chloride
Concen: 46.050 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

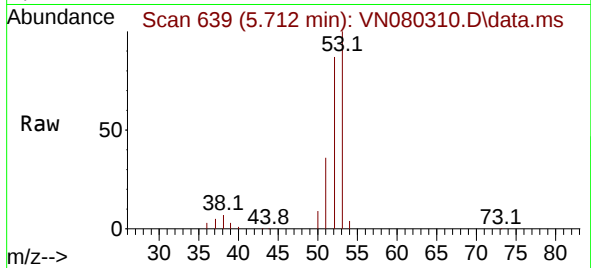
Tgt Ion: 41 Resp: 150443
Ion Ratio Lower Upper
41 100
39 80.9 58.8 88.2
76 48.0 39.1 58.7





#15
Acrylonitrile
Concen: 213.014 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

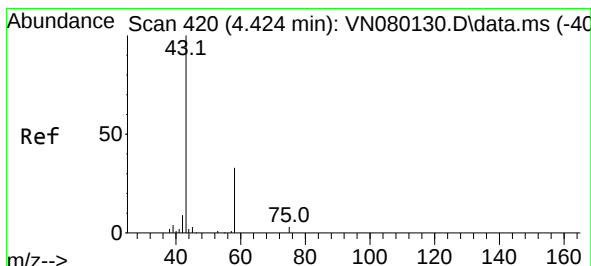
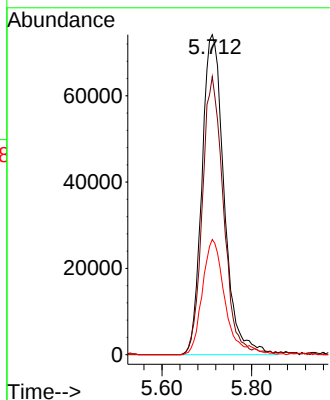
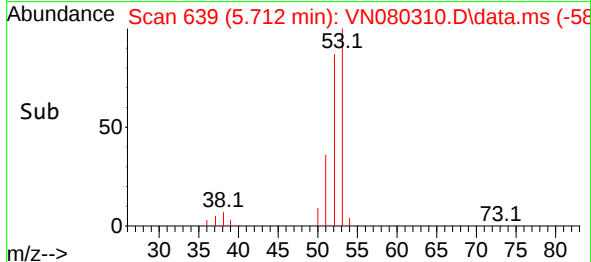
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 25509
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.8 28.9 43.3

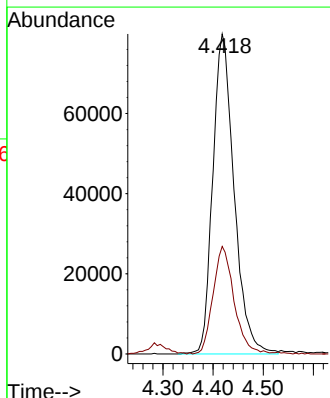
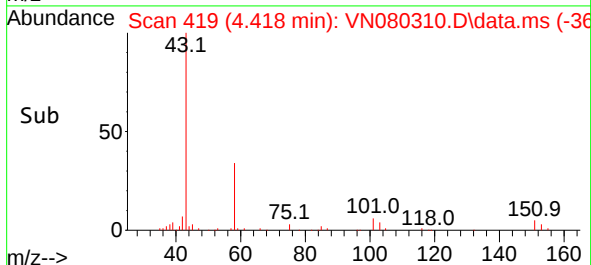
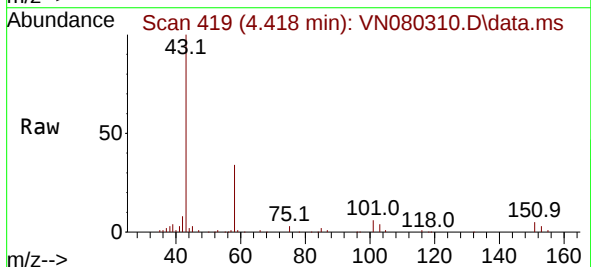
Manual Integrations
APPROVED

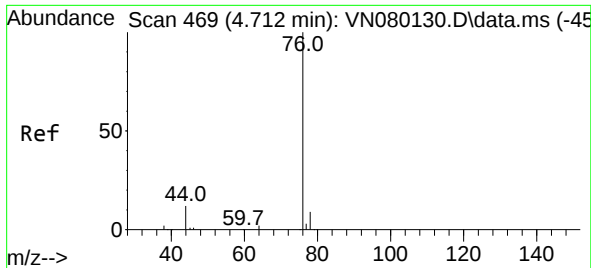
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#16
Acetone
Concen: 173.241 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

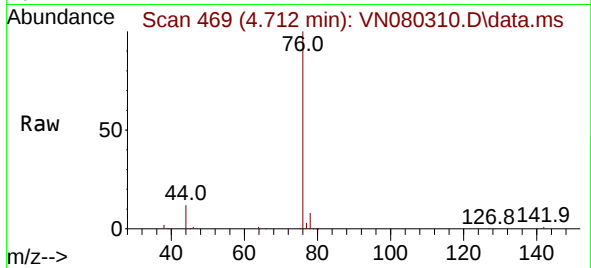
Tgt Ion: 43 Resp: 236041
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0





#17
Carbon Disulfide
Concen: 38.998 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

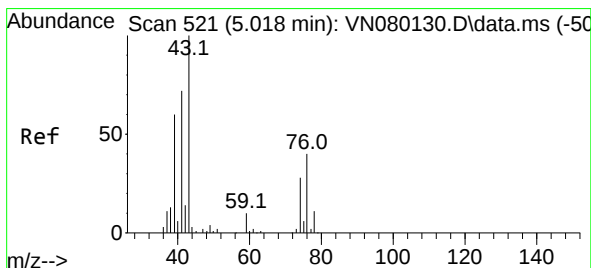
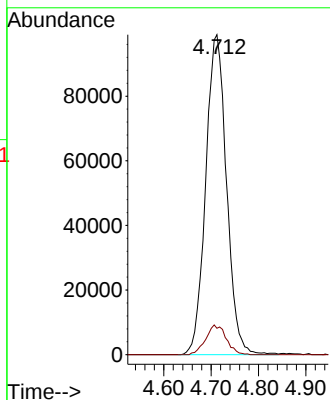
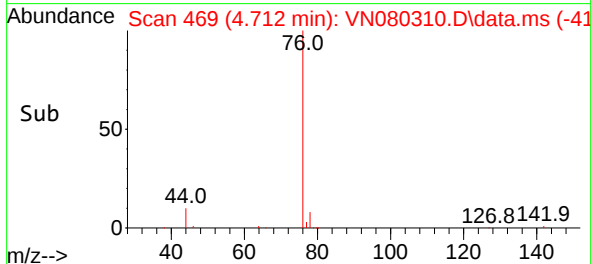
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 30236
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

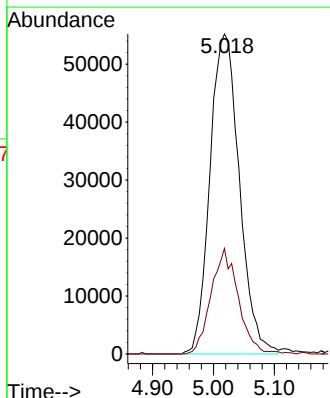
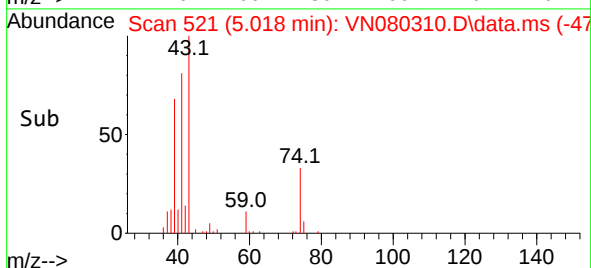
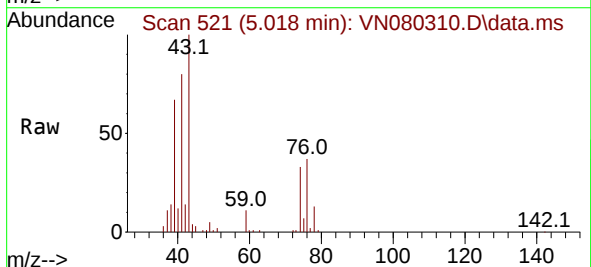
Manual Integrations
APPROVED

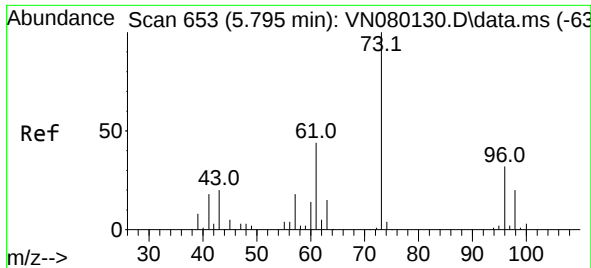
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#18
Methyl Acetate
Concen: 42.316 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion: 43 Resp: 185248
Ion Ratio Lower Upper
43 100
74 30.6 26.2 39.4





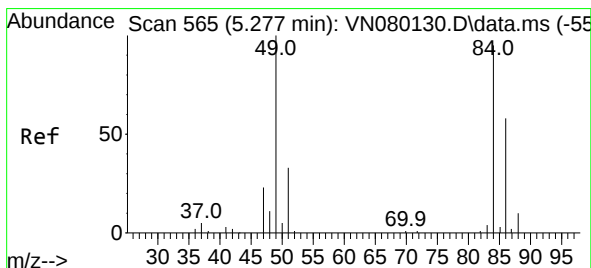
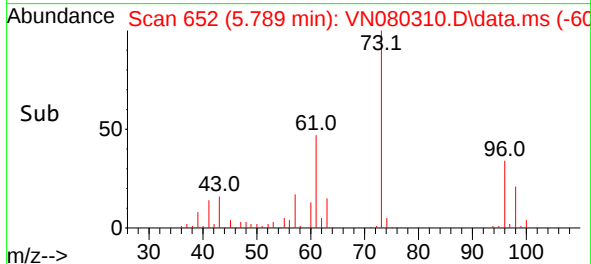
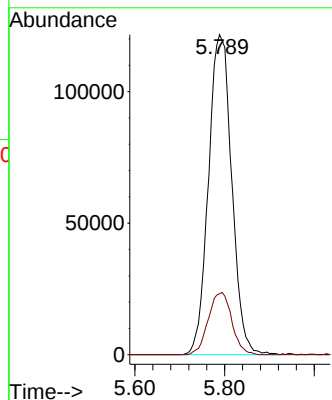
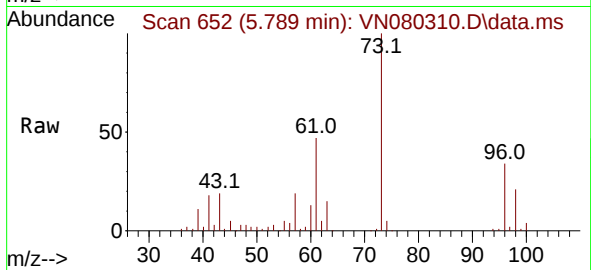
#19
Methyl tert-butyl Ether
Concen: 47.827 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 43857
Ion Ratio Lower Upper
73 100
57 19.1 15.6 23.4

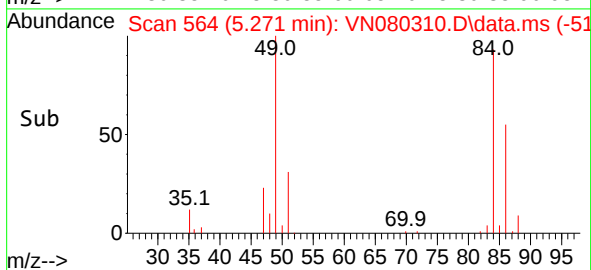
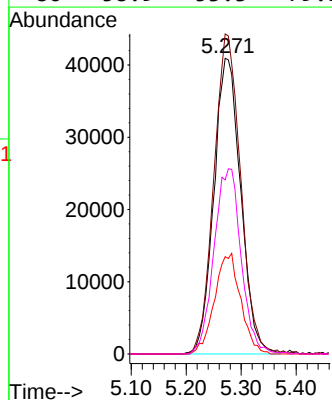
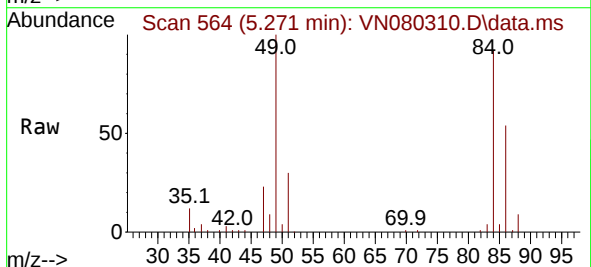
Manual Integrations
APPROVED

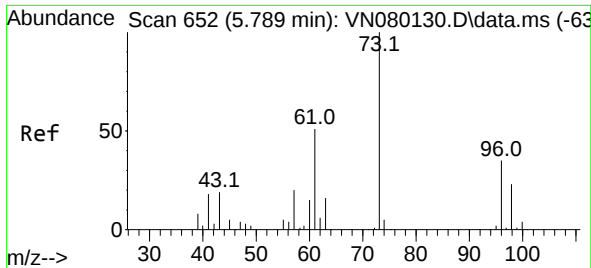
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#20
Methylene Chloride
Concen: 48.633 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

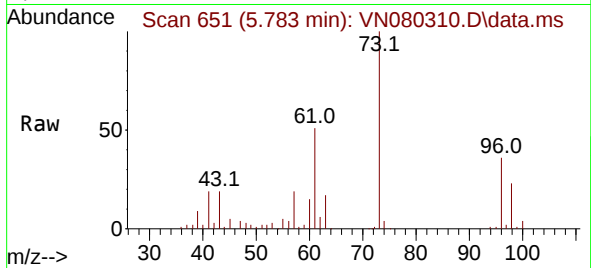
Tgt Ion: 84 Resp: 138765
Ion Ratio Lower Upper
84 100
49 108.2 79.7 119.5
51 32.9 25.2 37.8
86 58.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.003 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

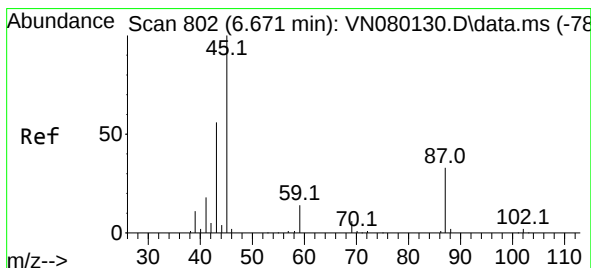
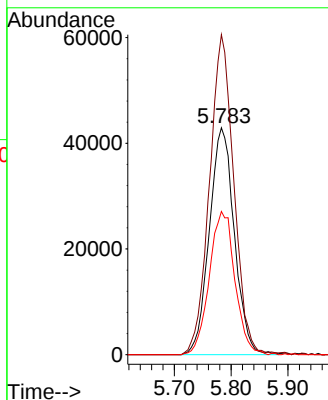
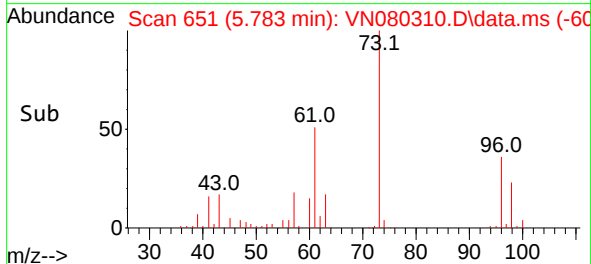
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 131230
Ion Ratio Lower Upper
96 100
61 141.0 90.1 135.1
98 63.1 46.4 69.6

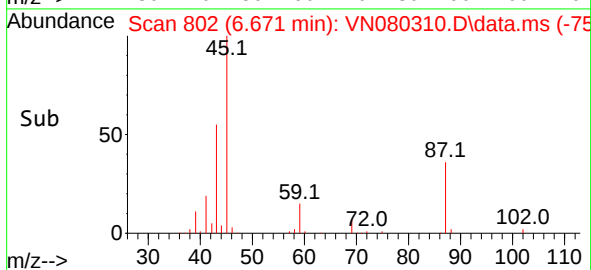
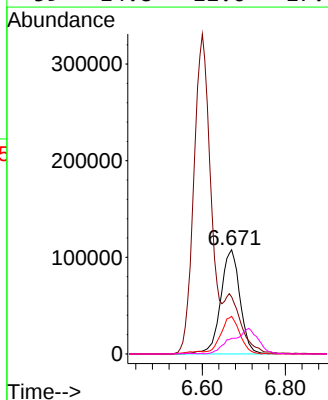
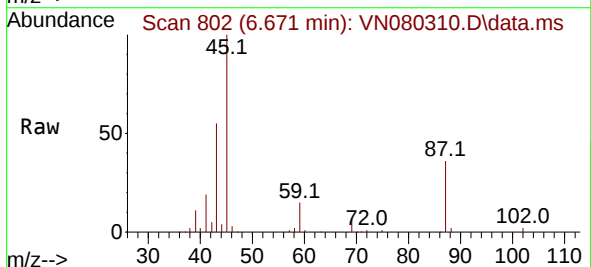
Manual Integrations
APPROVED

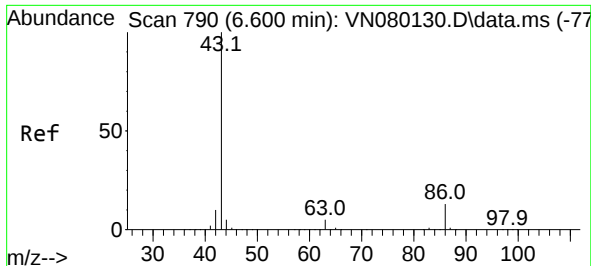
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#22
Diisopropyl ether
Concen: 48.012 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion: 45 Resp: 347029
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 36.2 31.8 47.8
59 14.8 11.6 17.4





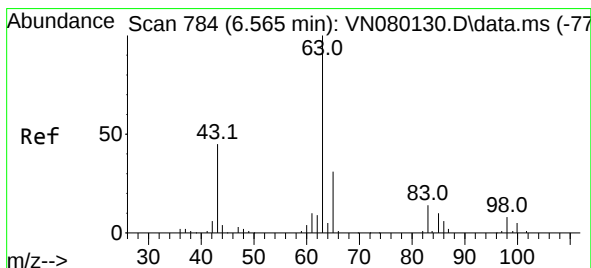
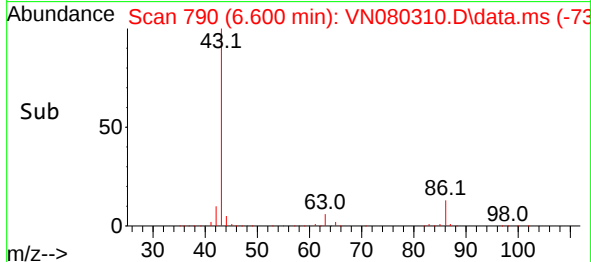
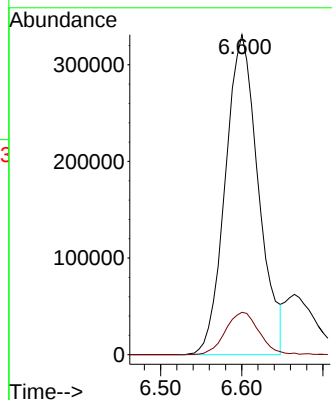
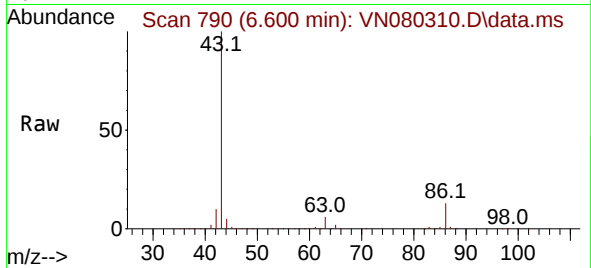
#23
 Vinyl Acetate
 Concen: 215.965 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080310.D
 Acq: 29 Nov 2023 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 93845
 Ion Ratio Lower Upper
 43 100
 86 13.3 13.0 19.6

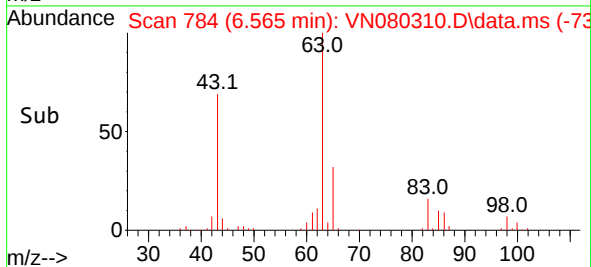
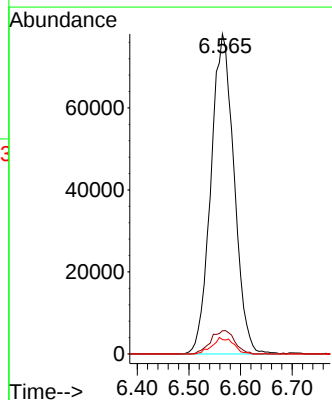
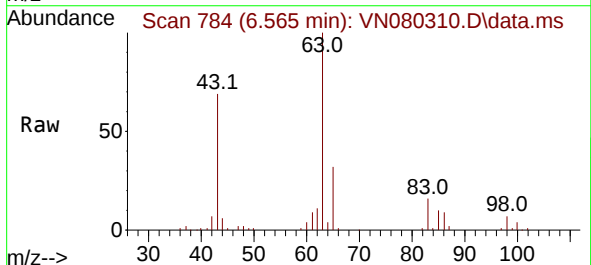
Manual Integrations
 APPROVED

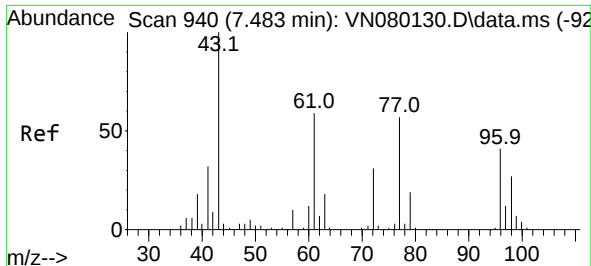
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#24
 1,1-Dichloroethane
 Concen: 46.243 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080310.D
 Acq: 29 Nov 2023 16:51

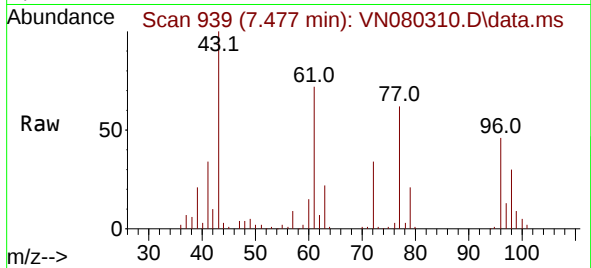
Tgt Ion: 63 Resp: 243442
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 183.953 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

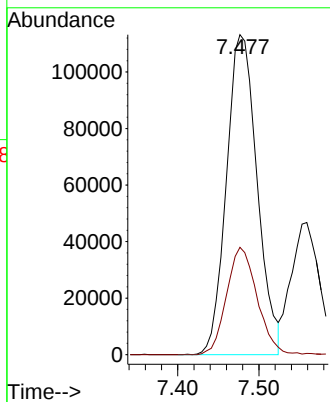
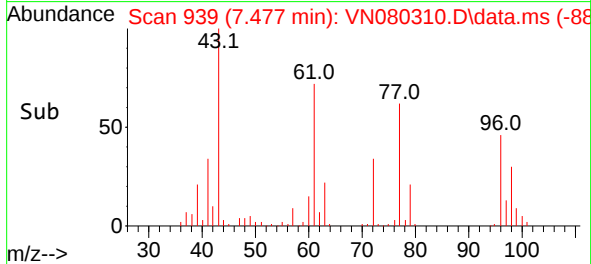
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



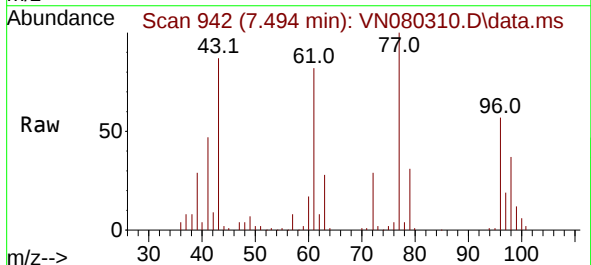
Tgt Ion: 43 Resp: 29778
Ion Ratio Lower Upper
43 100
72 33.6 30.2 45.2

Manual Integrations
APPROVED

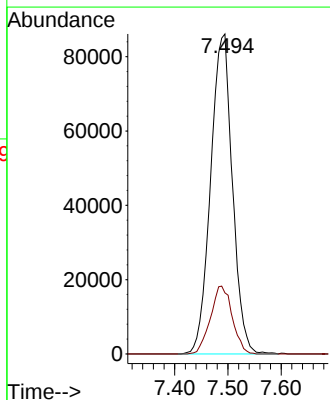
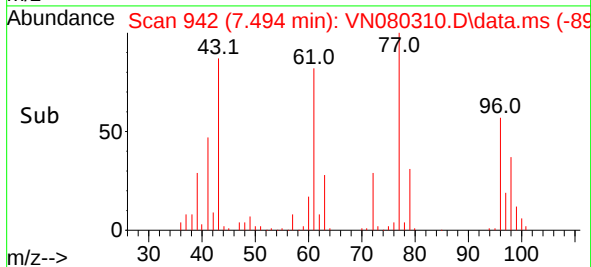
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

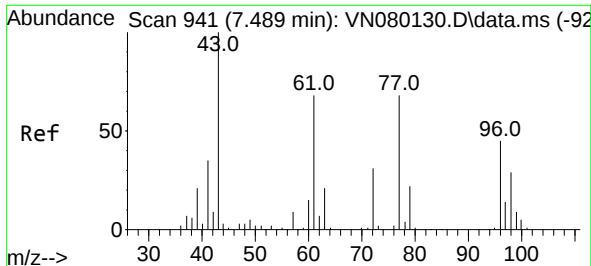


#26
2,2-Dichloropropane
Concen: 46.780 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51



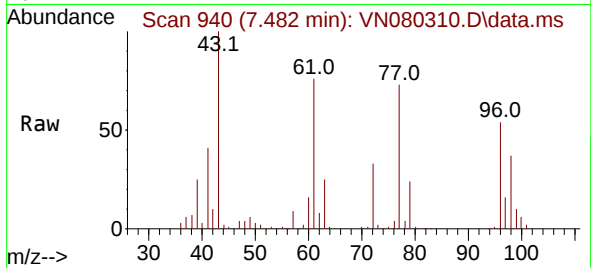
Tgt Ion: 77 Resp: 244333
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.012 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080310.D
 Acq: 29 Nov 2023 16:51

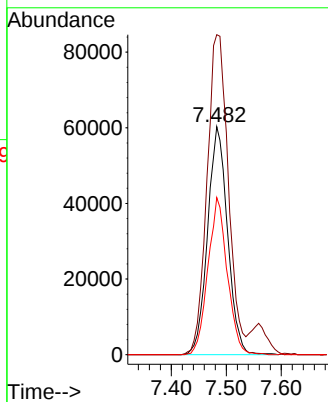
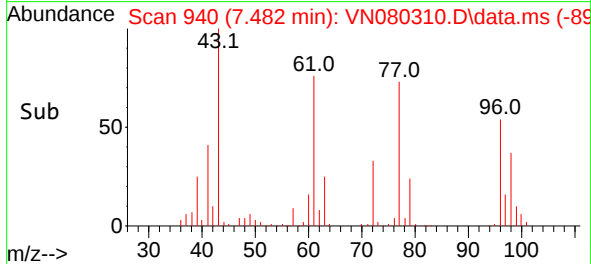
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 15204
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 255.2
 98 67.0 0.0 128.8

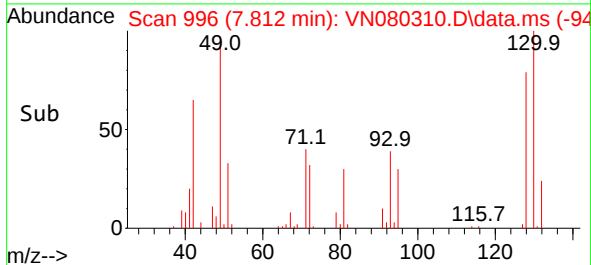
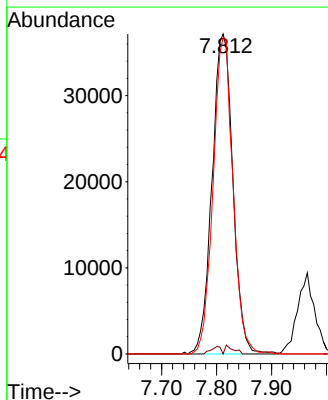
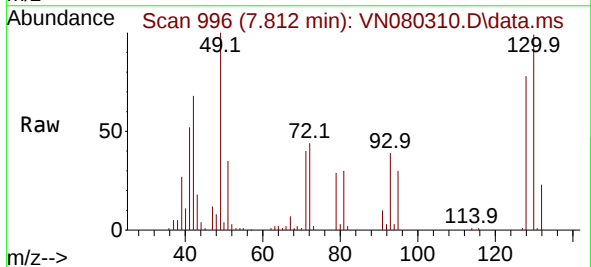
Manual Integrations
 APPROVED

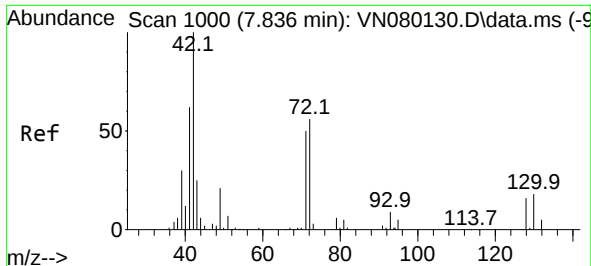
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#28
 Bromochloromethane
 Concen: 47.214 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080310.D
 Acq: 29 Nov 2023 16:51

Tgt Ion: 49 Resp: 97716
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.8
 130 94.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 203.195 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

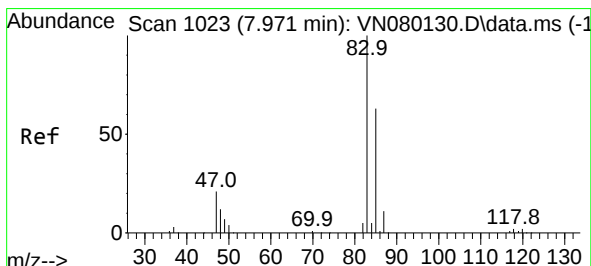
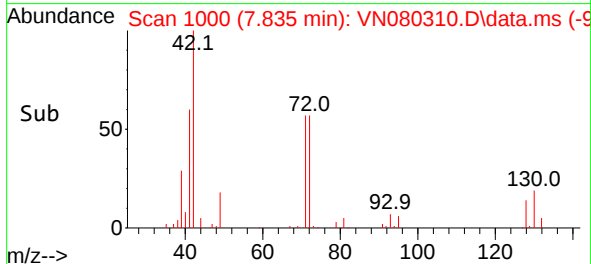
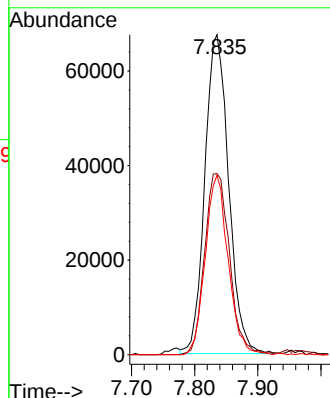
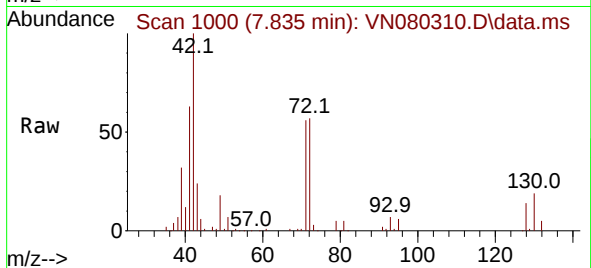
Tgt Ion:	42	Resp:	17659
Ion	Ratio	Lower	Upper
42	100		
72	59.4	49.8	74.6
71	54.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#30

Chloroform

Concen: 47.540 ug/l

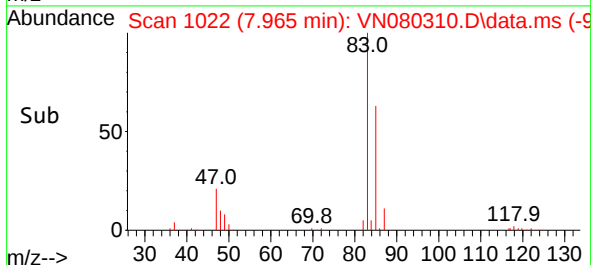
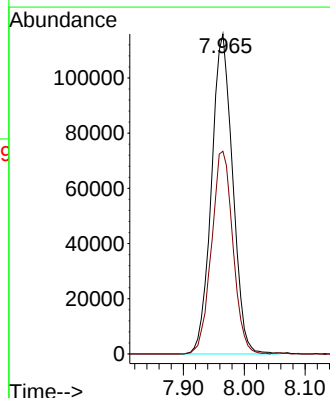
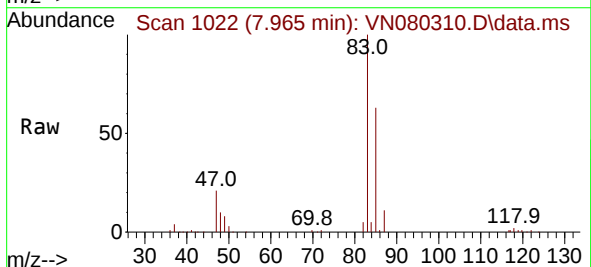
RT: 7.965 min Scan# 1022

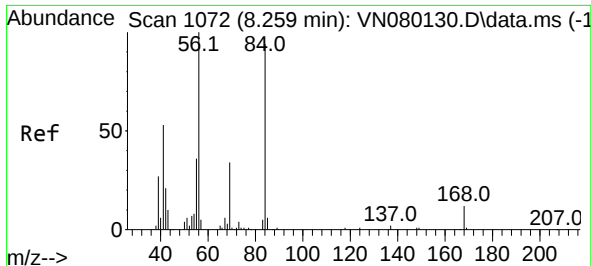
Delta R.T. -0.006 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Tgt Ion:	83	Resp:	279728
Ion	Ratio	Lower	Upper
83	100		
85	63.4	55.4	83.0





#31

Cyclohexane

Concen: 39.725 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN080310.D

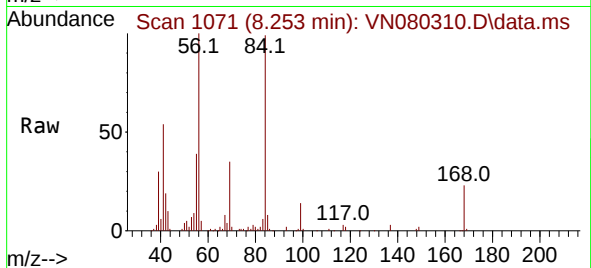
Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



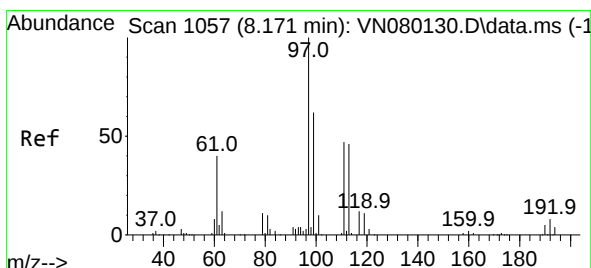
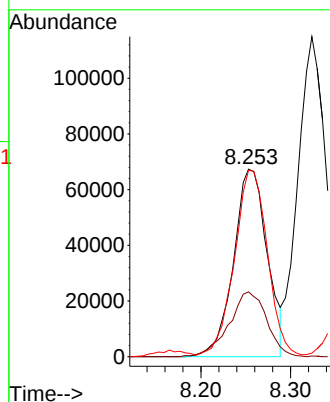
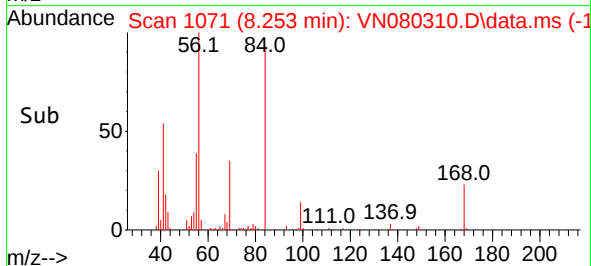
Tgt Ion:	56	Resp:	175250
Ion Ratio	Lower	Upper	
56	100		
69	34.5	26.8	40.2
84	96.5	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#32

1,1,1-Trichloroethane

Concen: 47.827 ug/l

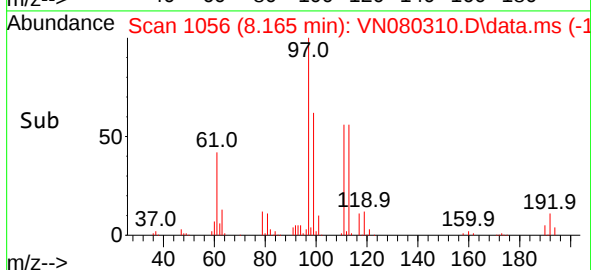
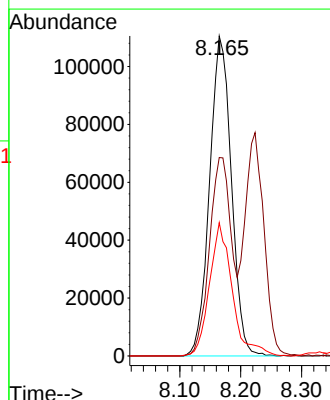
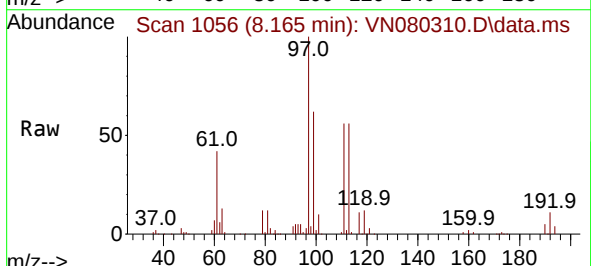
RT: 8.165 min Scan# 1056

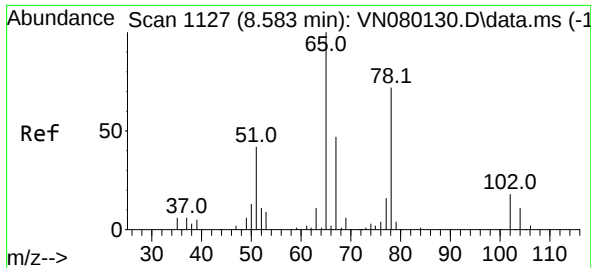
Delta R.T. -0.006 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Tgt Ion:	97	Resp:	274445
Ion Ratio	Lower	Upper	
97	100		
99	63.1	50.3	75.5
61	43.5	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 48.541 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 196908

Ion Ratio Lower Upper

65 100

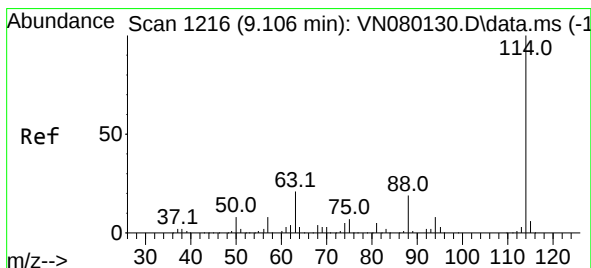
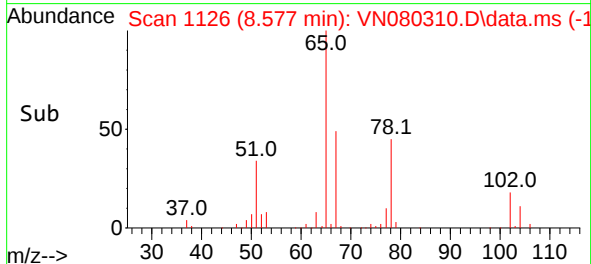
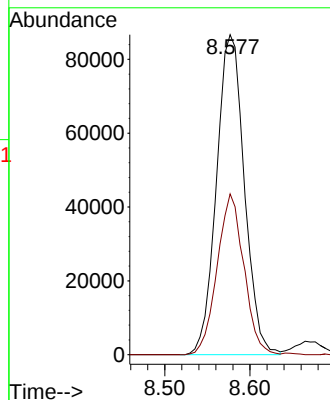
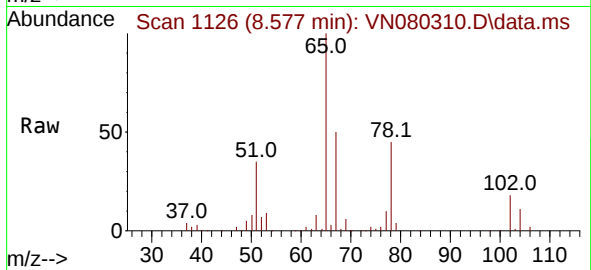
67 48.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

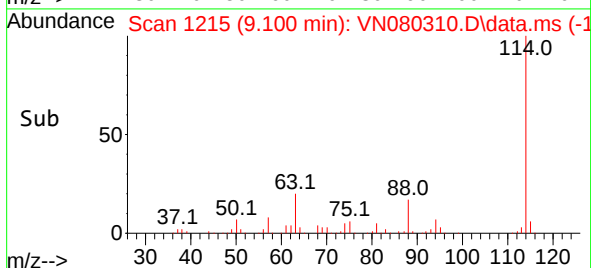
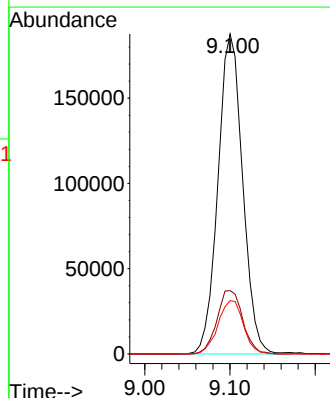
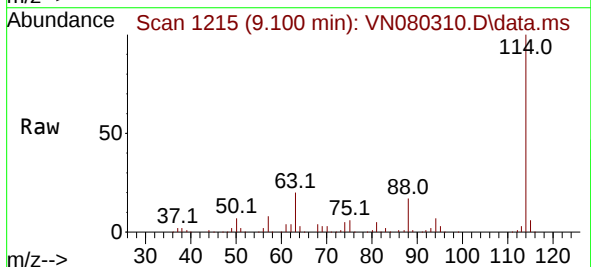
Tgt Ion:114 Resp: 376720

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

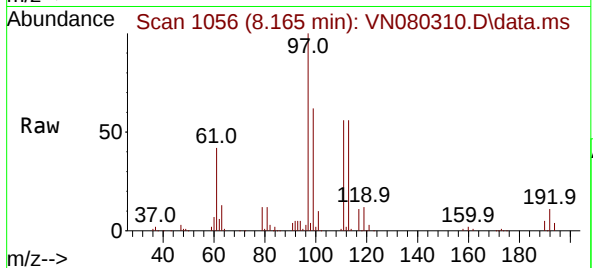
88 16.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.365 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

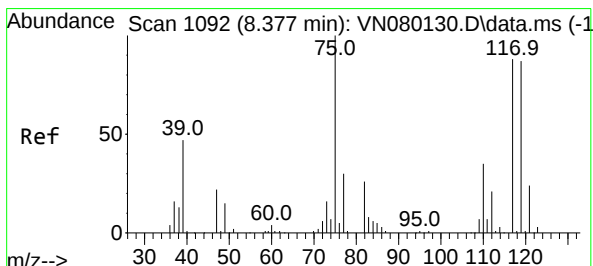
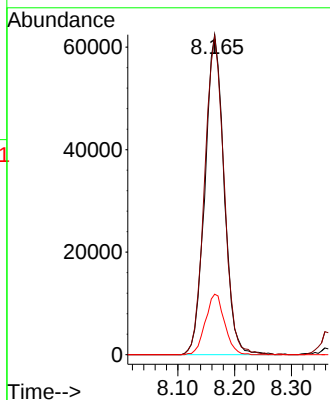
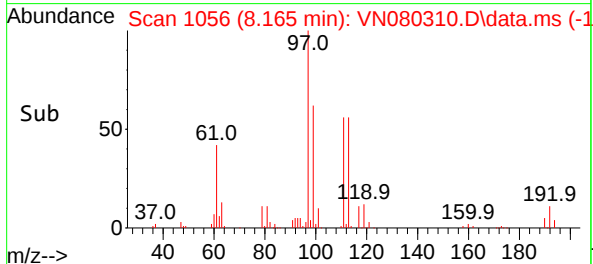
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



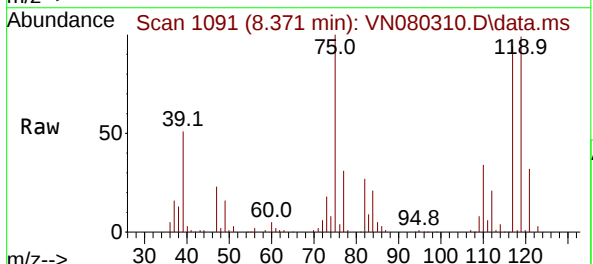
Tgt Ion:113 Resp: 145558
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 18.9 12.7 19.1

Manual Integrations
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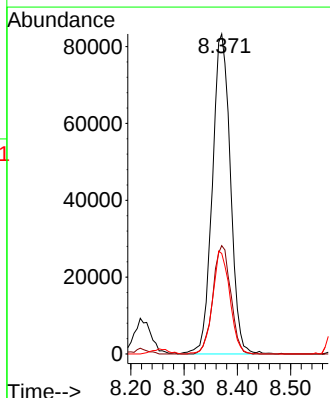
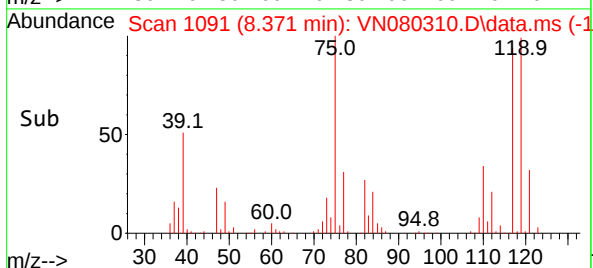
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

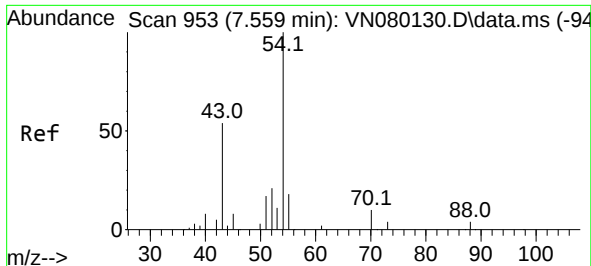


#36
1,1-Dichloropropene
Concen: 48.658 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51



Tgt Ion: 75 Resp: 195823
Ion Ratio Lower Upper
75 100
110 33.5 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 41.793 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11666

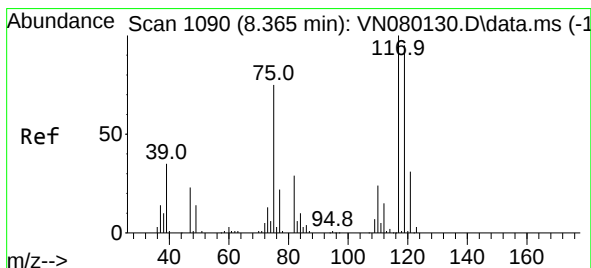
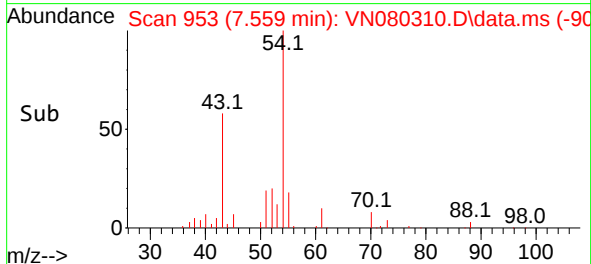
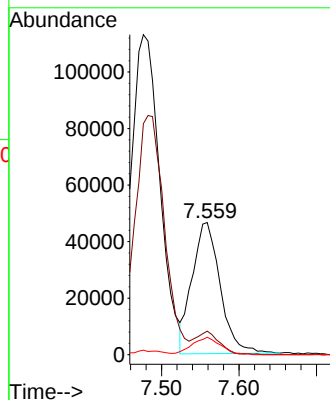
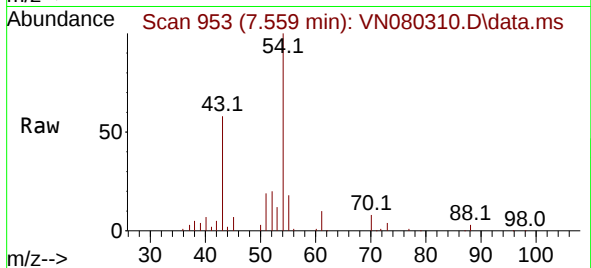
Ion	Ratio	Lower	Upper
43	100		
61	15.2	13.2	19.8
70	13.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#38

Carbon Tetrachloride

Concen: 48.304 ug/l

RT: 8.359 min Scan# 1089

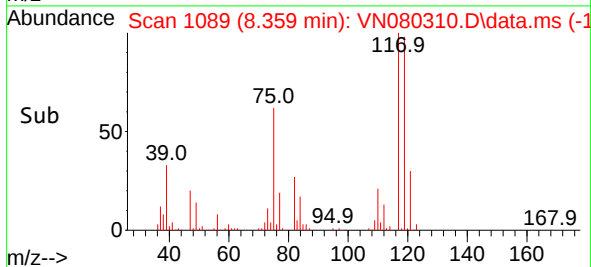
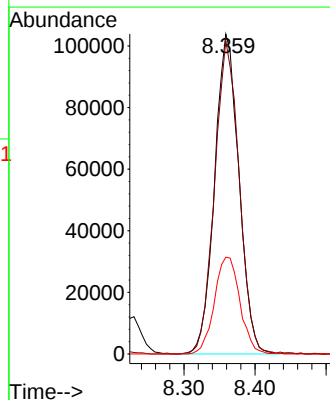
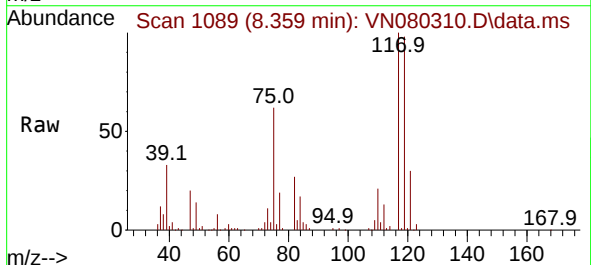
Delta R.T. -0.006 min

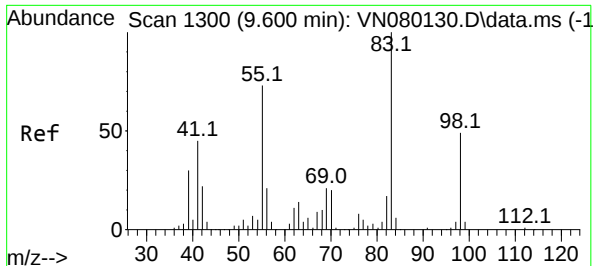
Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Tgt Ion:117 Resp: 246693

Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.3	115.9
121	30.3	23.3	34.9





#39

Methylcyclohexane

Concen: 46.919 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 18206

Ion Ratio Lower Upper

83 100

55 73.1 49.1 73.7

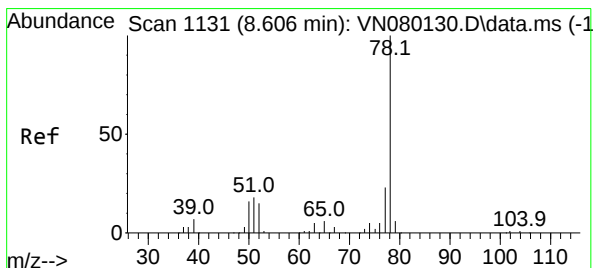
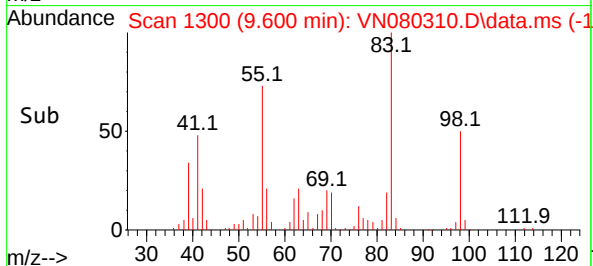
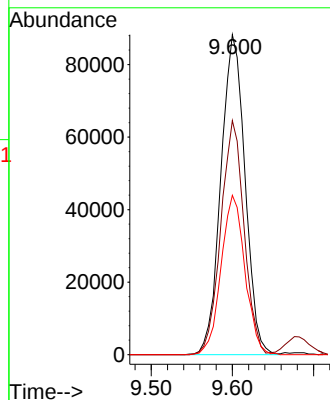
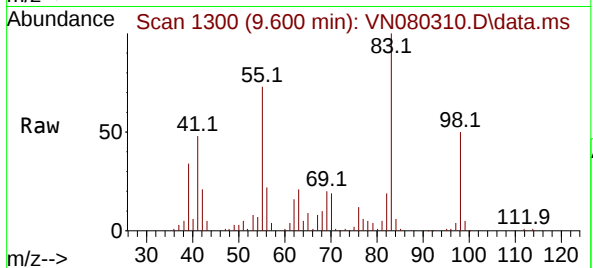
98 49.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#40

Benzene

Concen: 47.507 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080310.D

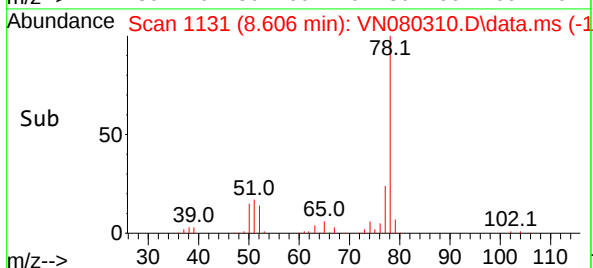
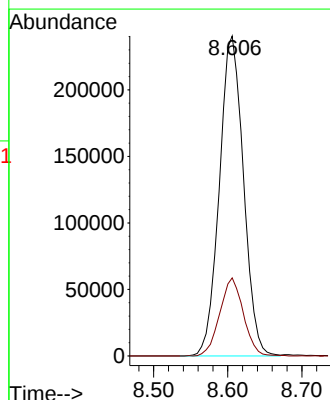
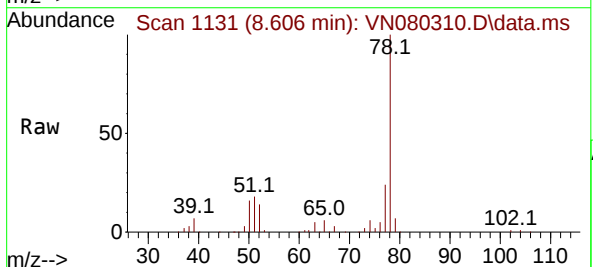
Acq: 29 Nov 2023 16:51

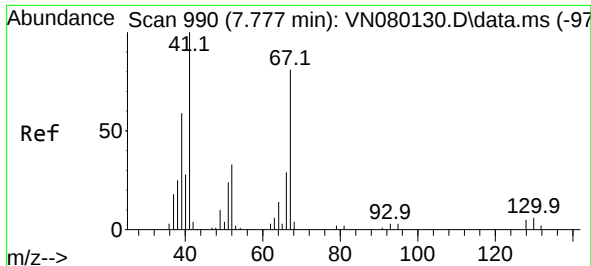
Tgt Ion: 78 Resp: 543380

Ion Ratio Lower Upper

78 100

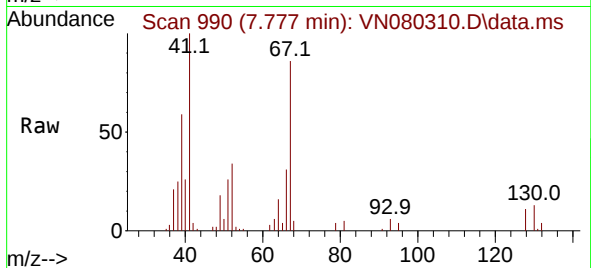
77 24.4 19.0 28.6





#41
Methacrylonitrile
Concen: 47.962 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

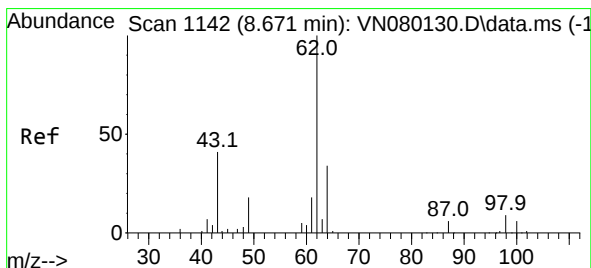
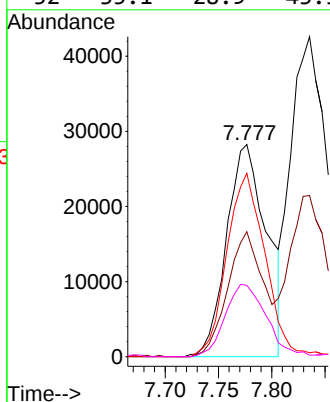
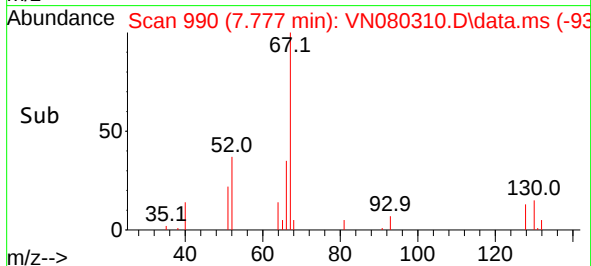
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 7352
Ion Ratio Lower Upper
41 100
39 51.8 42.6 64.0
67 83.2 77.5 116.3
52 35.1 28.9 43.3

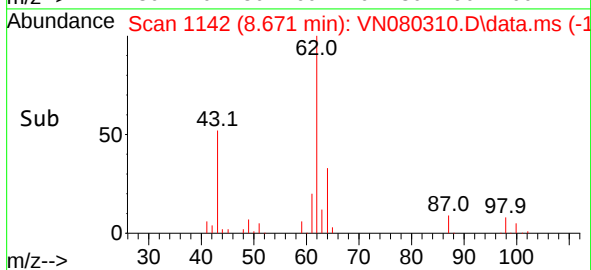
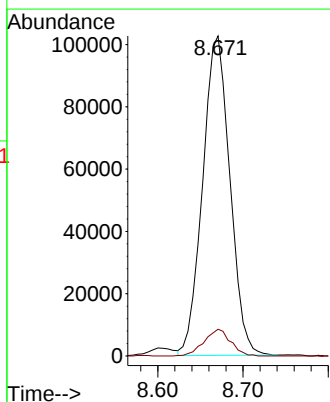
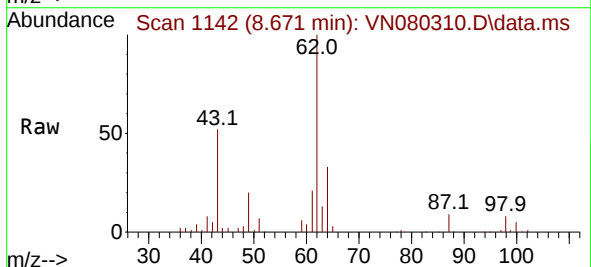
Manual Integrations
APPROVED

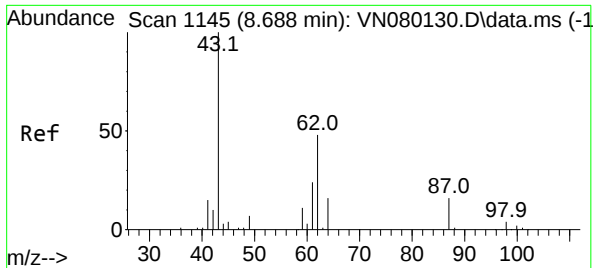
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#42
1,2-Dichloroethane
Concen: 48.738 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion: 62 Resp: 228072
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.8





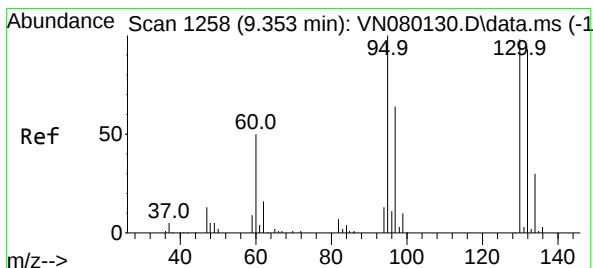
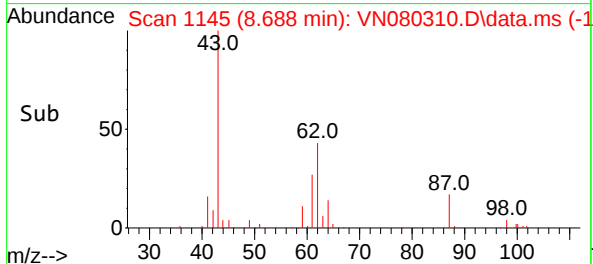
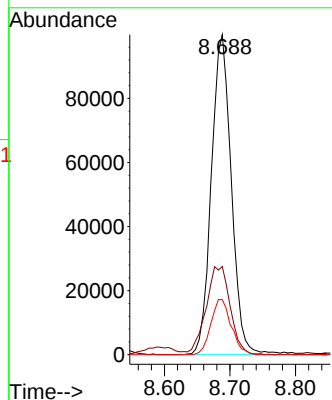
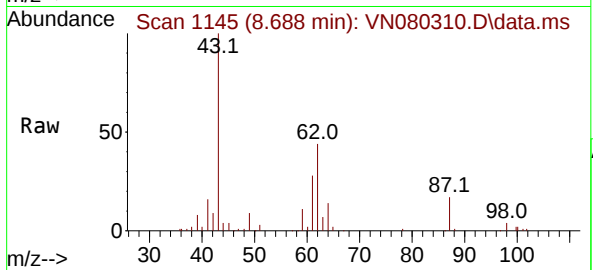
#43
Isopropyl Acetate
Concen: 38.845 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 211014
Ion Ratio Lower Upper
43 100
61 33.3 24.7 37.1
87 17.6 14.6 21.8

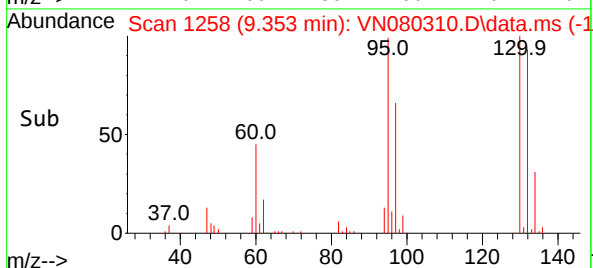
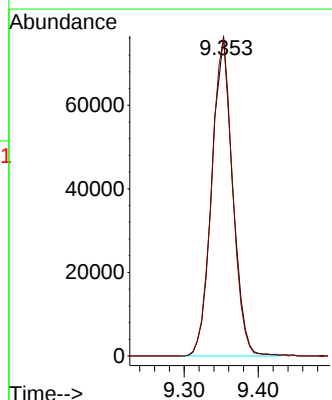
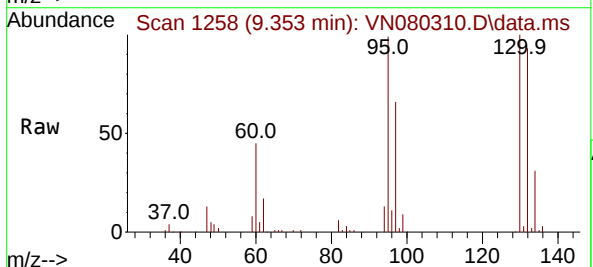
Manual Integrations
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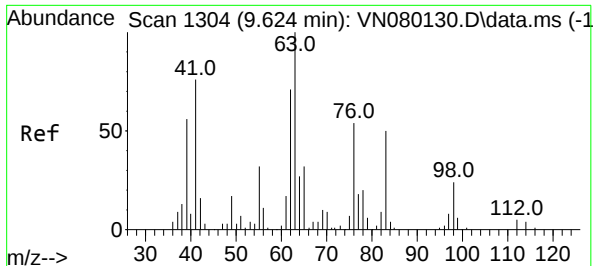
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#44
Trichloroethene
Concen: 49.822 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion:130 Resp: 149481
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.193 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 128100

Ion Ratio Lower Upper

63 100

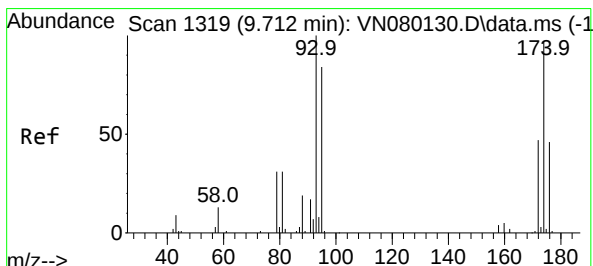
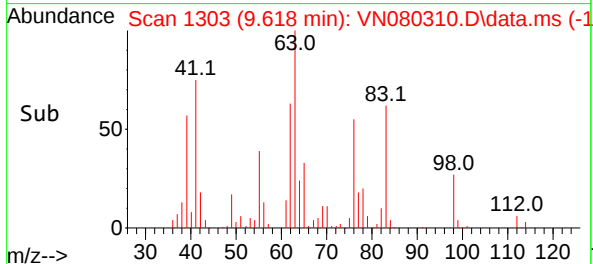
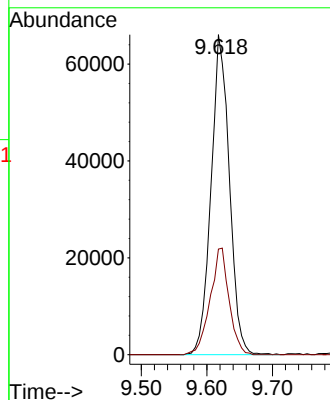
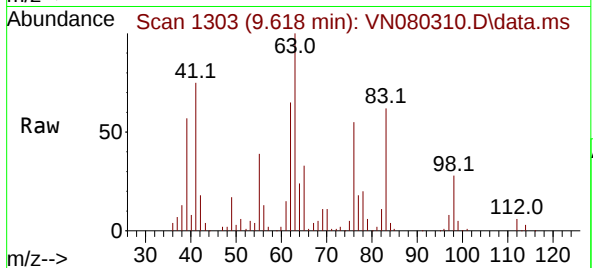
65 33.0 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#46

Dibromomethane

Concen: 47.857 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

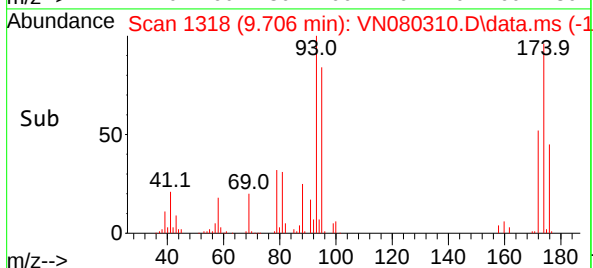
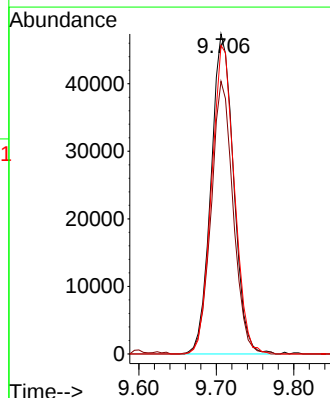
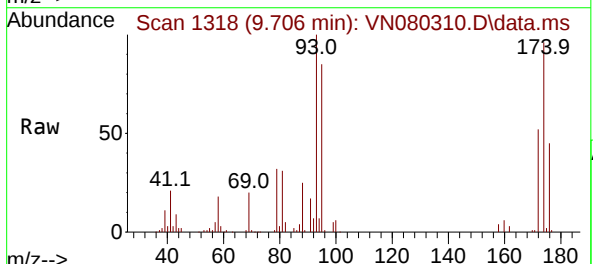
Tgt Ion: 93 Resp: 96293

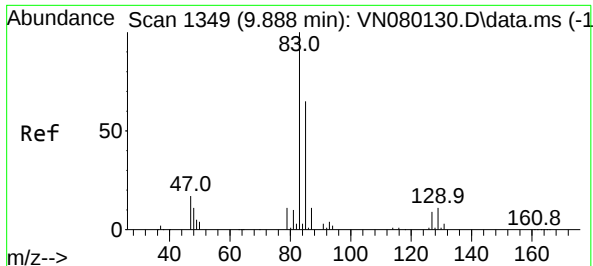
Ion Ratio Lower Upper

93 100

95 83.1 63.8 95.8

174 96.9 65.6 98.4





#47

Bromodichloromethane

Concen: 50.965 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 22557

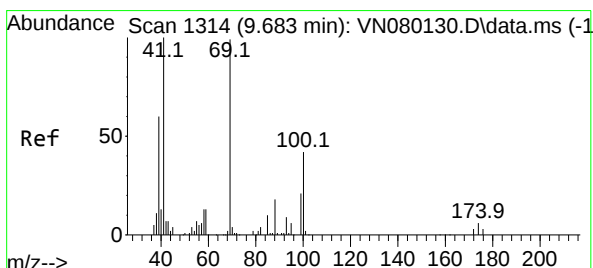
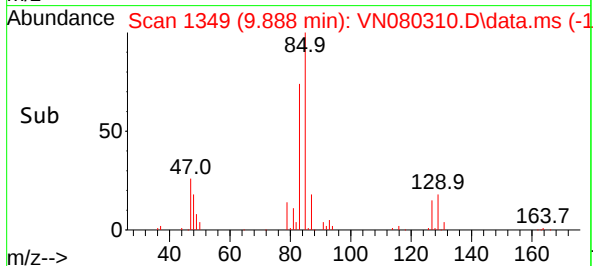
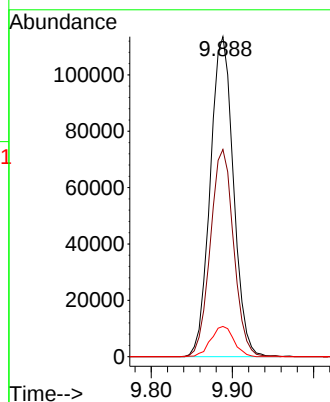
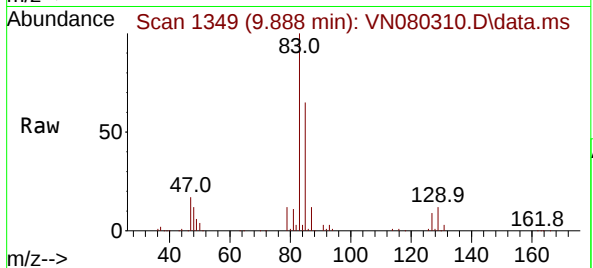
Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.6	74.4
127	9.4	7.0	10.6

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#48

Methyl methacrylate

Concen: 45.980 ug/l

RT: 9.682 min Scan# 1314

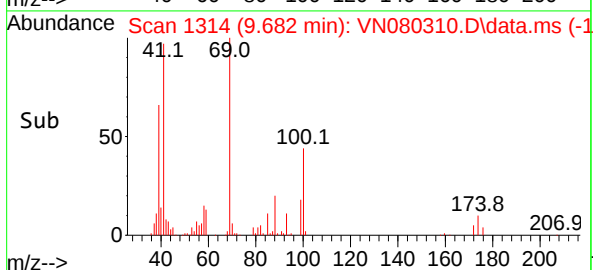
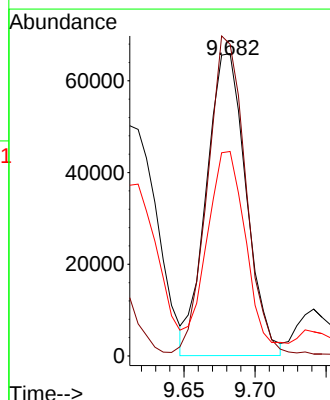
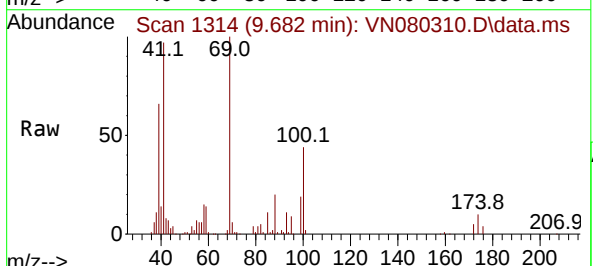
Delta R.T. -0.000 min

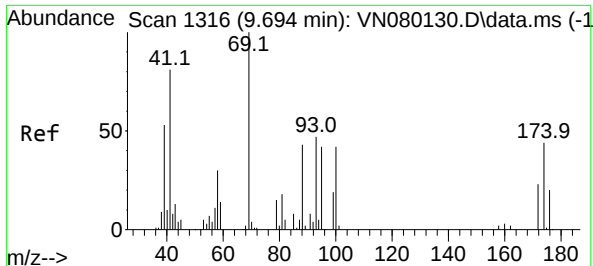
Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Tgt Ion: 41 Resp: 128718

Ion	Ratio	Lower	Upper
41	100		
69	102.1	90.4	135.6
39	68.3	54.6	81.8





#49

1,4-Dioxane

Concen: 834.970 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 38880

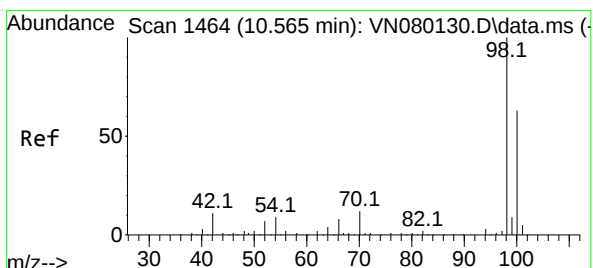
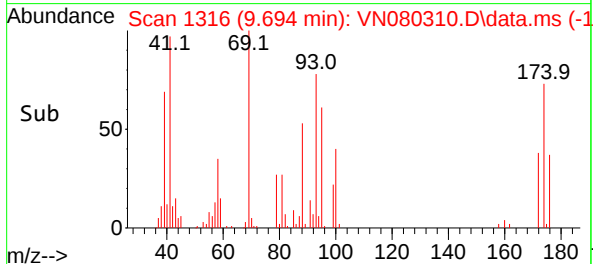
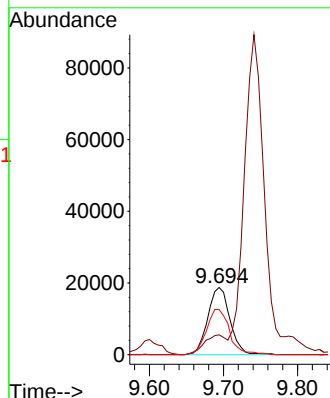
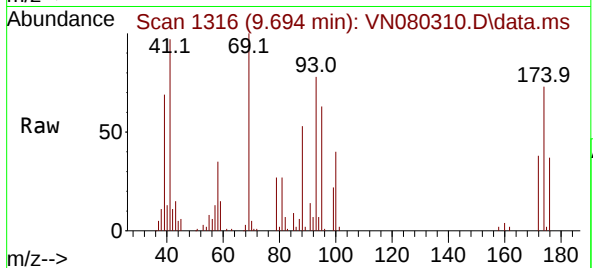
Ion	Ratio	Lower	Upper
88	100		
43	29.9	17.0	25.6
58	70.4	47.0	70.4

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#50

Toluene-d8

Concen: 51.328 ug/l

RT: 10.565 min Scan# 1464

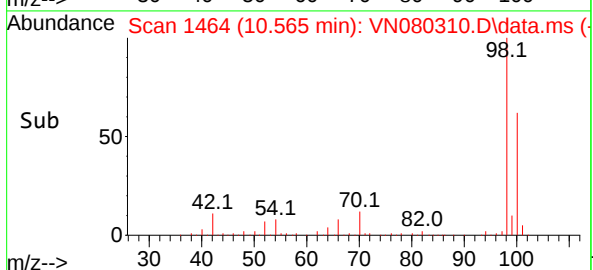
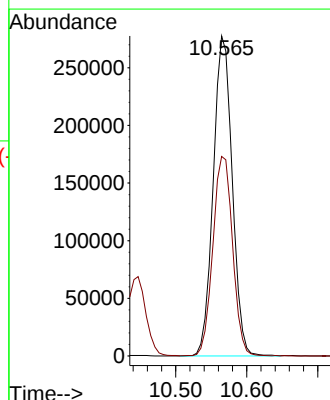
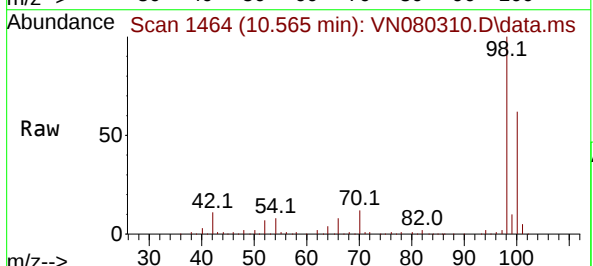
Delta R.T. -0.000 min

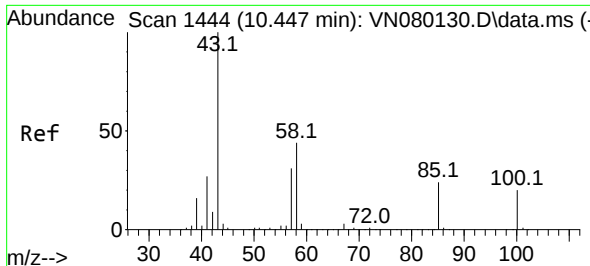
Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Tgt Ion: 98 Resp: 514323

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 216.840 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

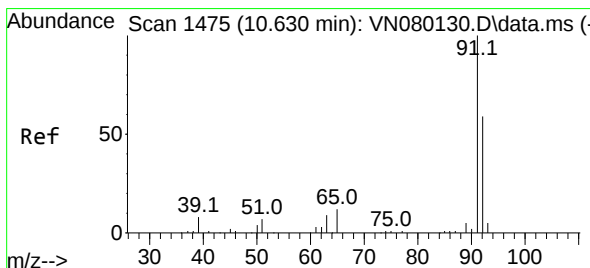
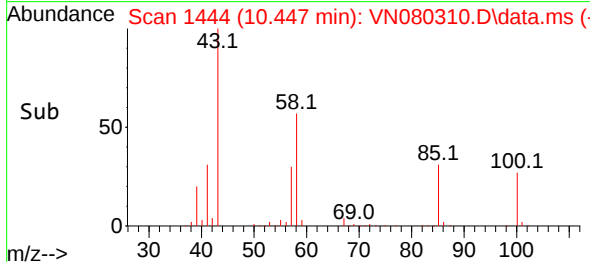
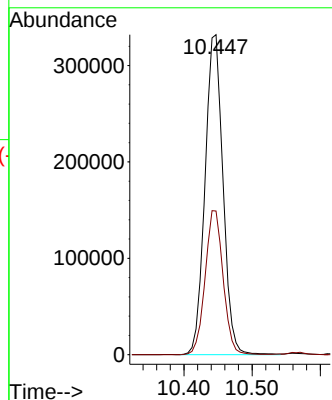
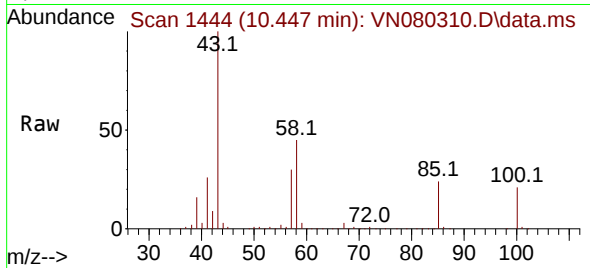
VSTDCCC050EC

Tgt Ion: 43 Resp: 60983
Ion Ratio Lower Upper
43 100
58 45.1 36.6 54.8

Manual Integrations

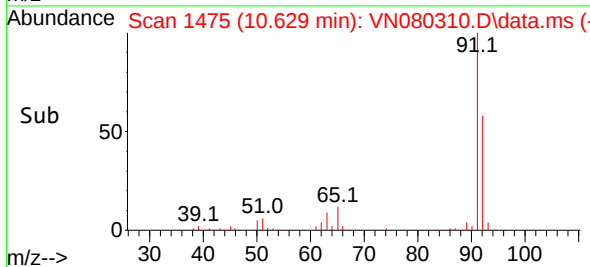
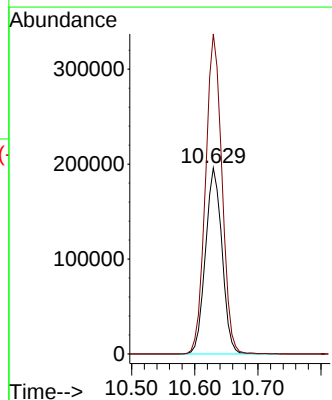
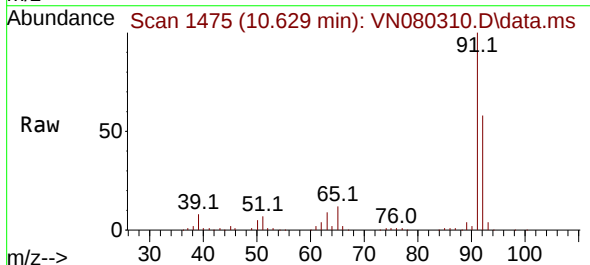
APPROVED

Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#52
Toluene
Concen: 49.687 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

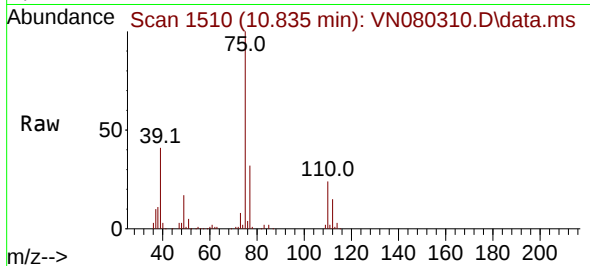
Tgt Ion: 92 Resp: 355665
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.947 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

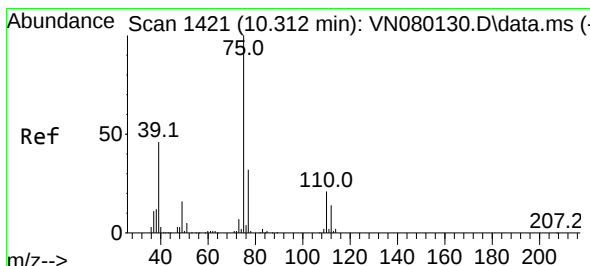
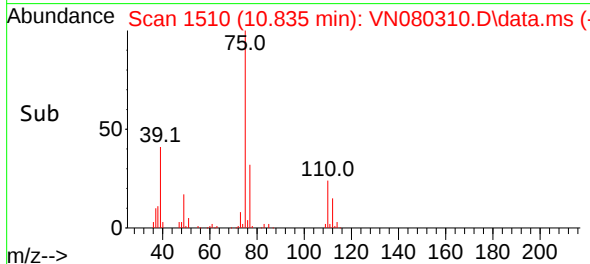
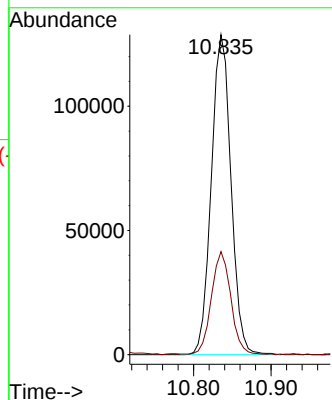
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 227132
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

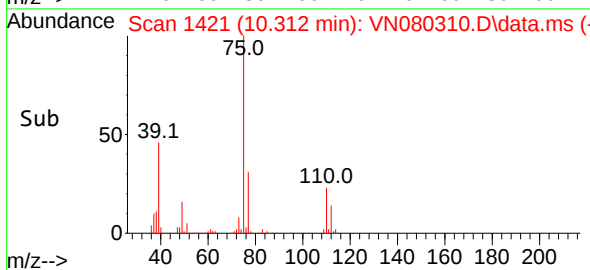
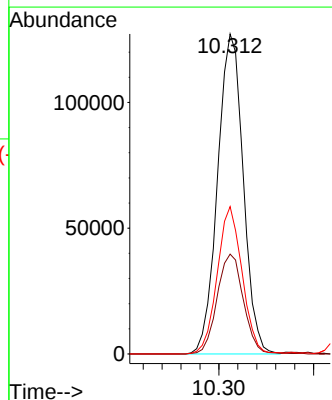
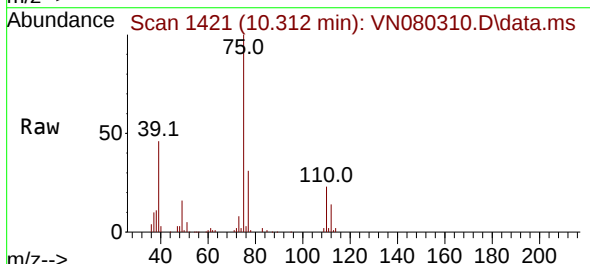
Manual Integrations
APPROVED

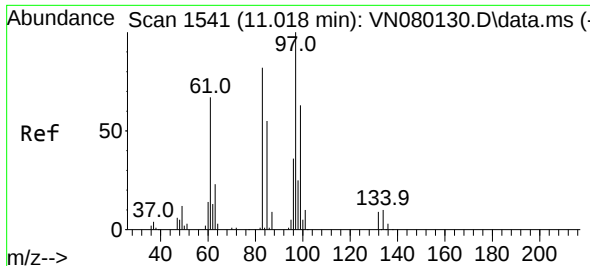
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#54
cis-1,3-Dichloropropene
Concen: 51.539 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

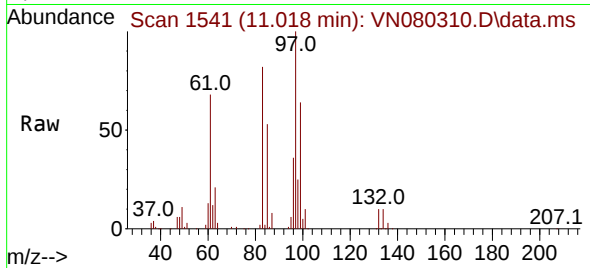
Tgt Ion: 75 Resp: 239446
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 46.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 48.346 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

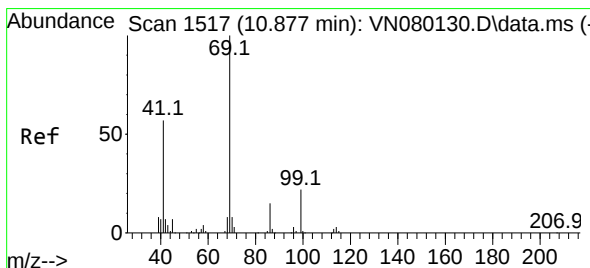
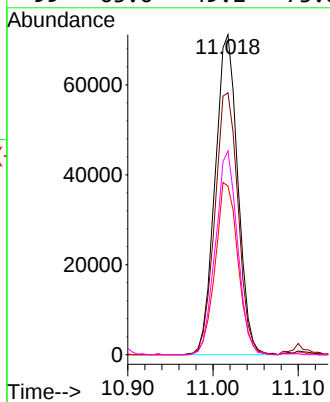
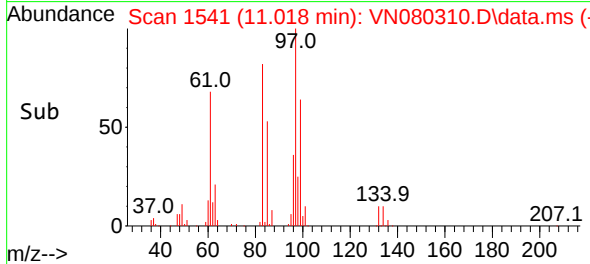
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



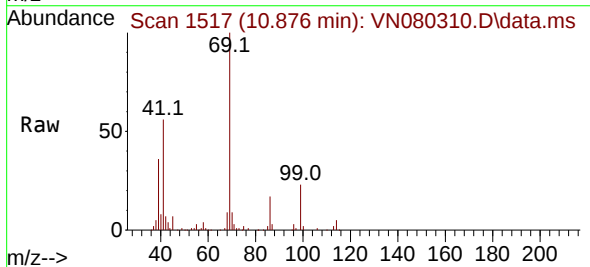
Tgt Ion:	97	Resp:	132084
Ion Ratio	100	Lower	Upper
97	100		
83	81.8	65.1	97.7
85	52.7	43.4	65.2
99	63.6	49.2	73.8

Manual Integrations
APPROVED

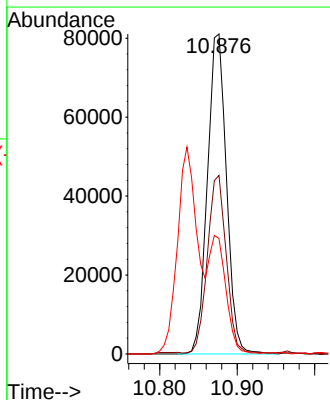
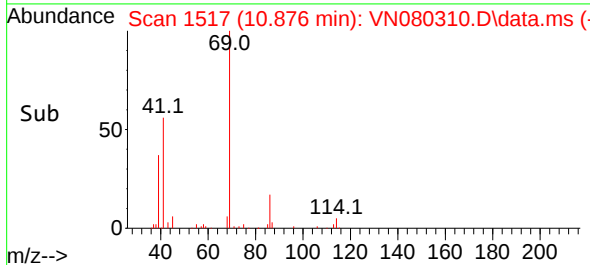
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

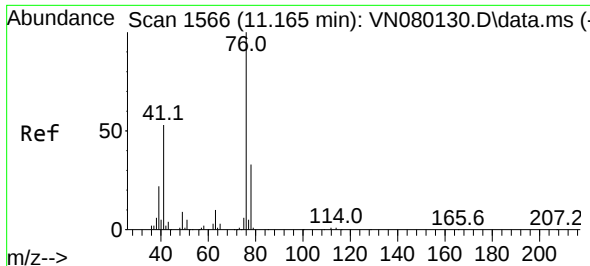


#56
Ethyl methacrylate
Concen: 49.626 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51



Tgt Ion:	69	Resp:	138506
Ion Ratio	100	Lower	Upper
69	100		
41	55.0	39.6	59.4
39	32.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 48.553 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 231590

Ion Ratio Lower Upper

76 100

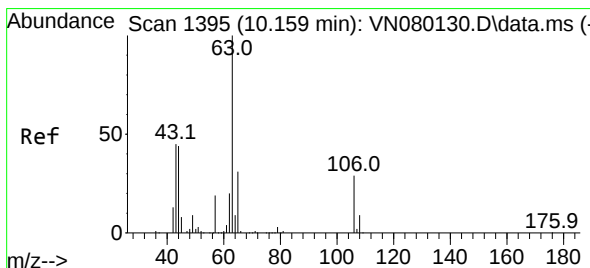
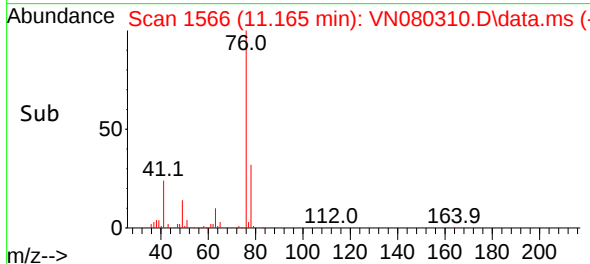
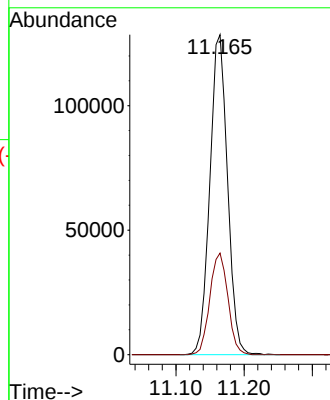
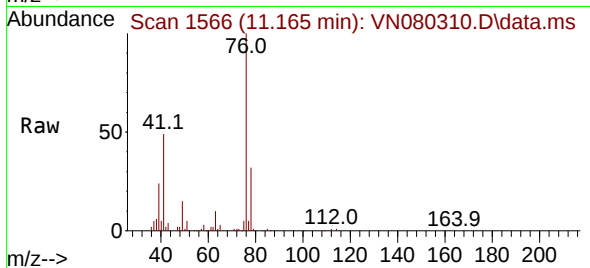
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 228.893 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080310.D

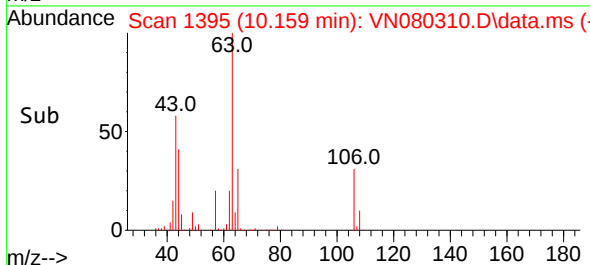
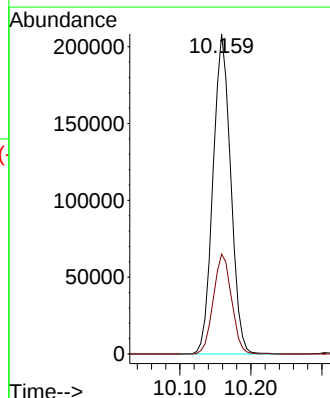
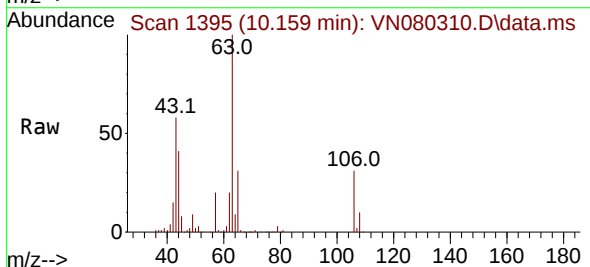
Acq: 29 Nov 2023 16:51

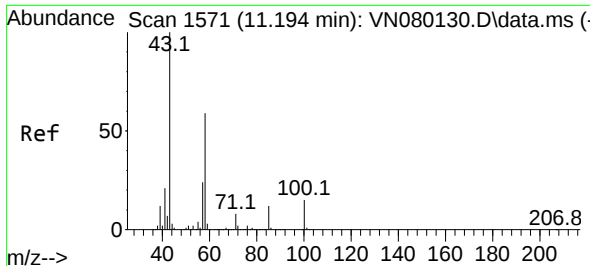
Tgt Ion: 63 Resp: 359906

Ion Ratio Lower Upper

63 100

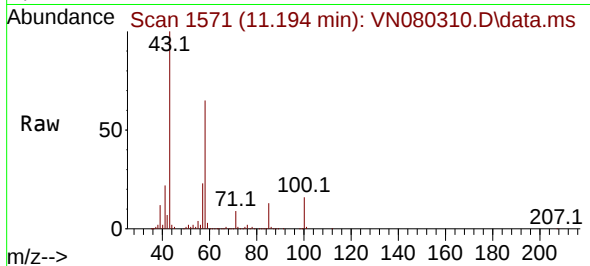
106 32.0 26.2 39.4





#59
2-Hexanone
Concen: 196.544 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

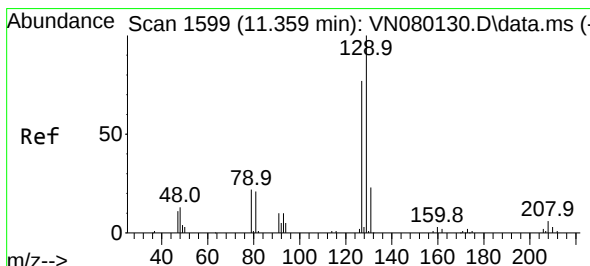
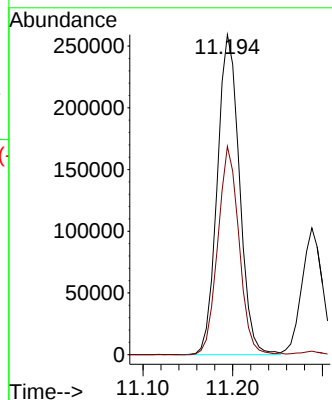
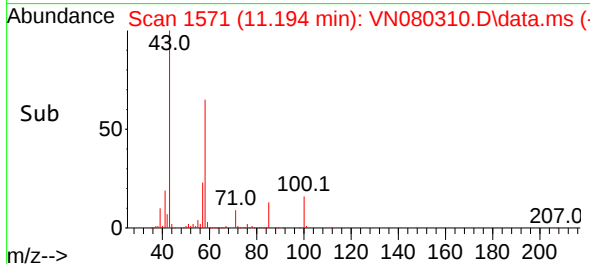
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 444172
Ion Ratio Lower Upper
43 100
58 62.3 31.7 95.1

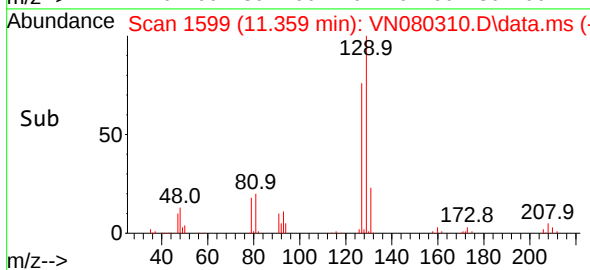
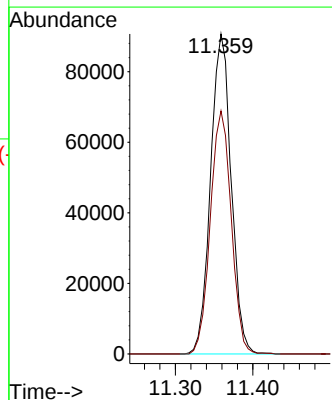
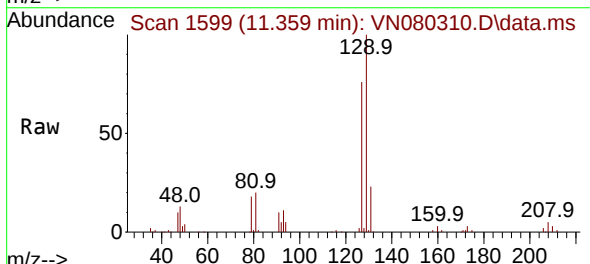
Manual Integrations
APPROVED

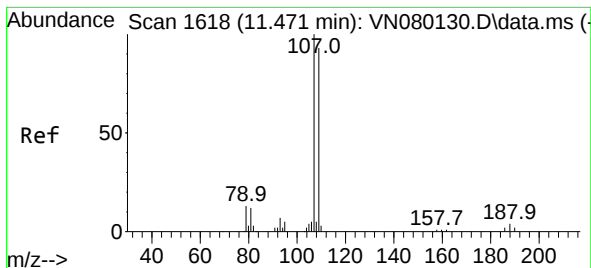
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#60
Dibromochloromethane
Concen: 51.389 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion:129 Resp: 168086
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





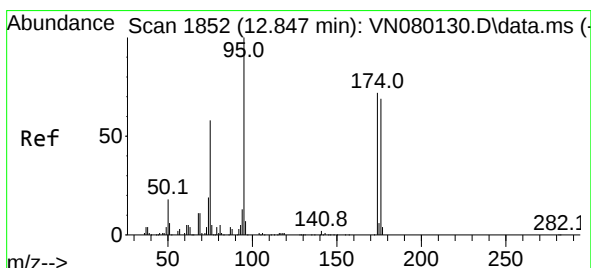
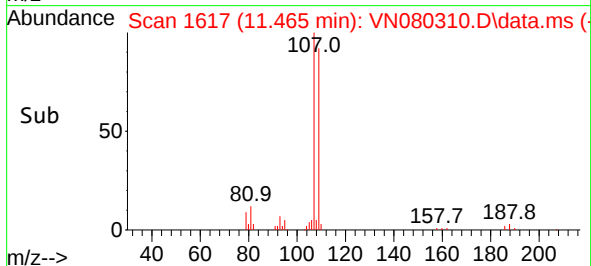
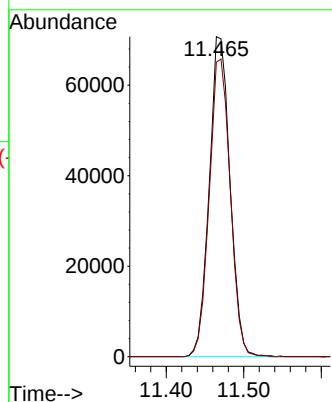
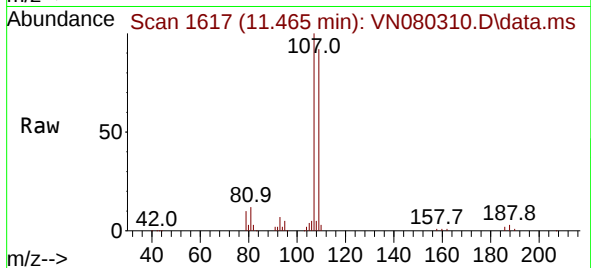
#61
1,2-Dibromoethane
Concen: 47.250 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 131694
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

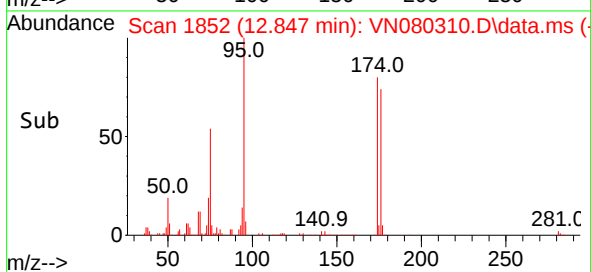
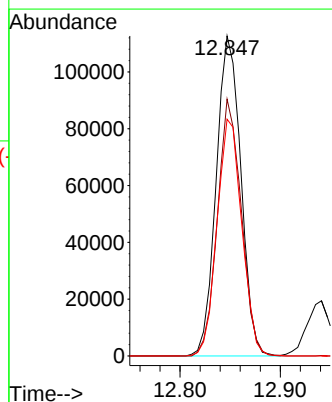
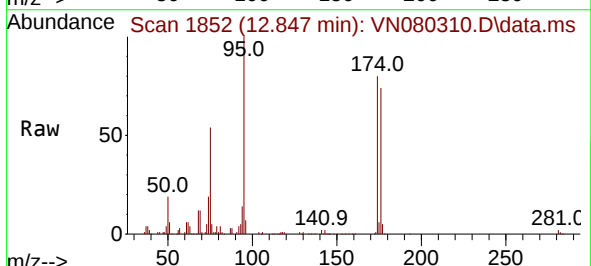
Manual Integrations
APPROVED

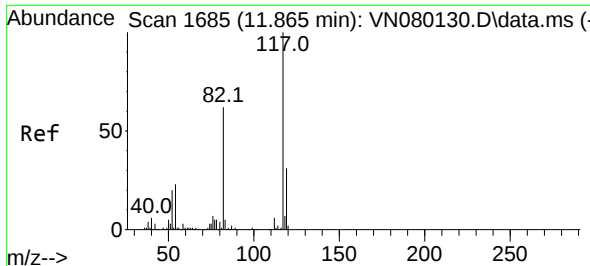
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#62
4-Bromofluorobenzene
Concen: 50.789 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

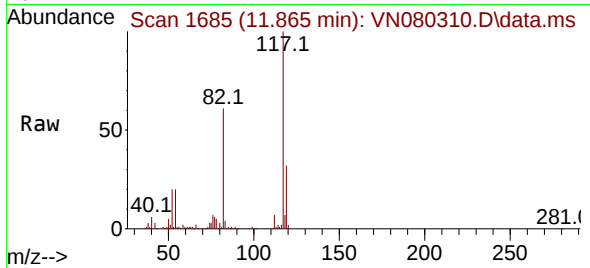
Tgt Ion: 95 Resp: 192228
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 74.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

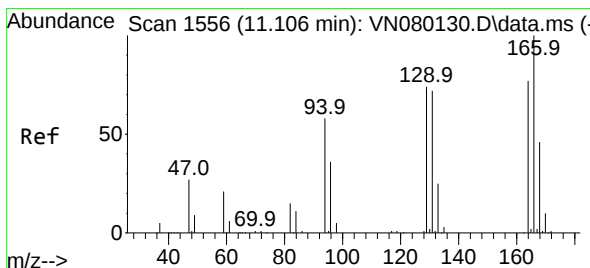
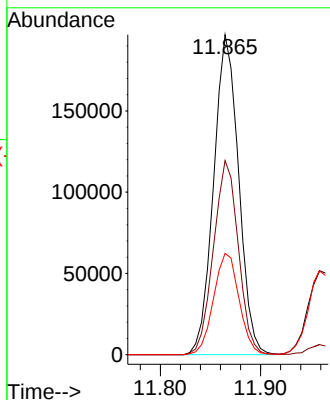
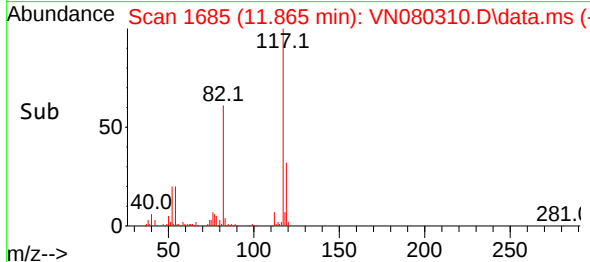
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 340980
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 31.6 25.6 38.4

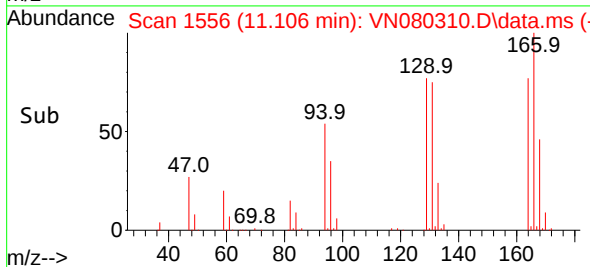
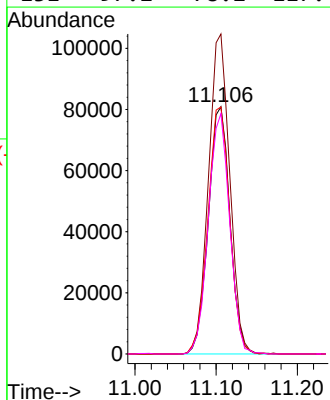
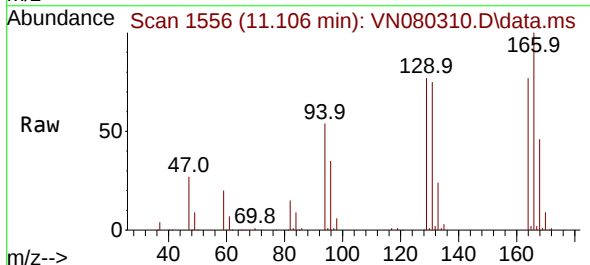
Manual Integrations
APPROVED

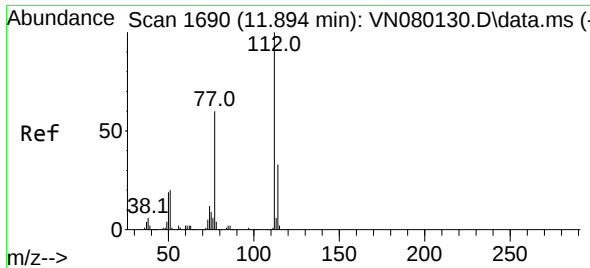
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#64
Tetrachloroethene
Concen: 57.296 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

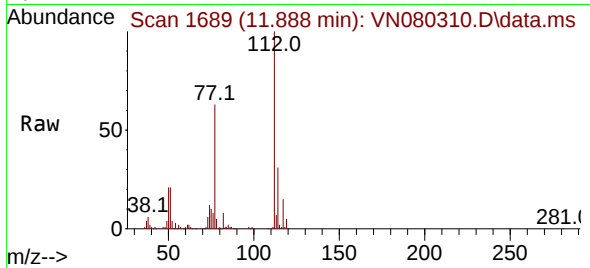
Tgt Ion:164 Resp: 149100
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 99.9 82.4 123.6
131 97.2 78.2 117.4





#65
Chlorobenzene
Concen: 47.352 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

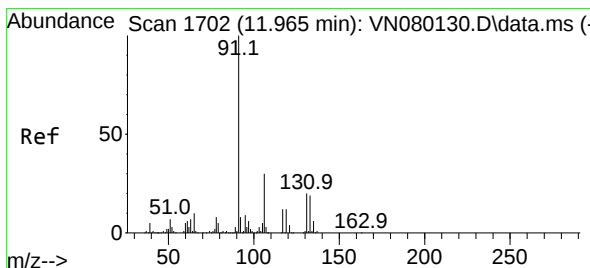
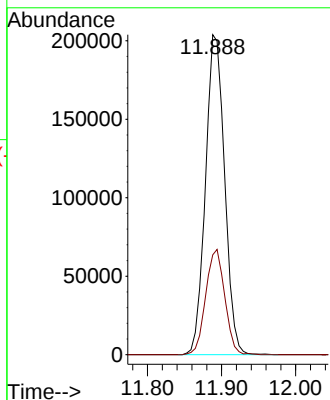
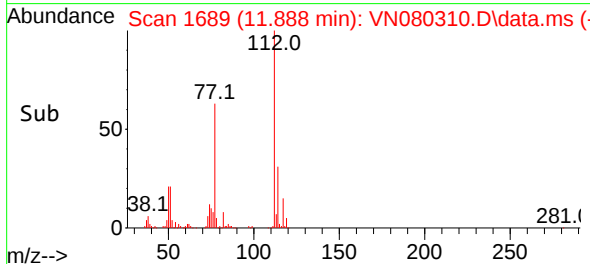
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 365864
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

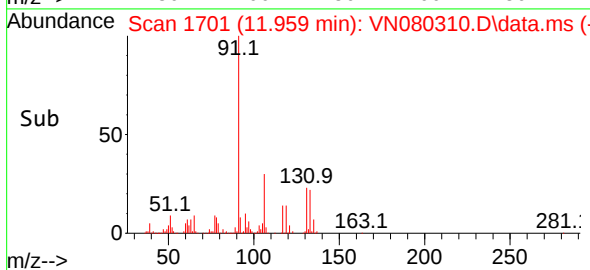
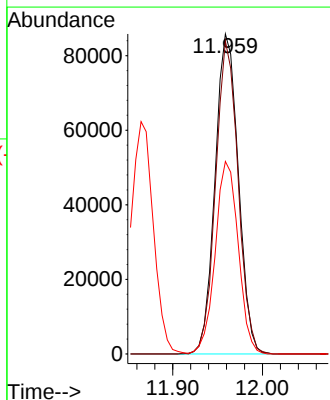
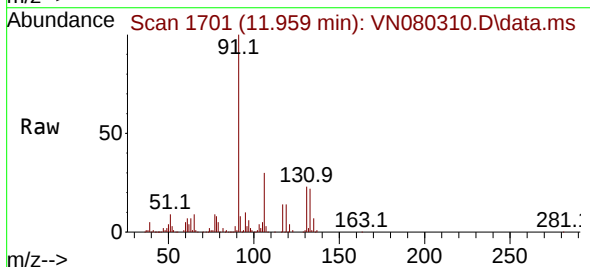
Manual Integrations
APPROVED

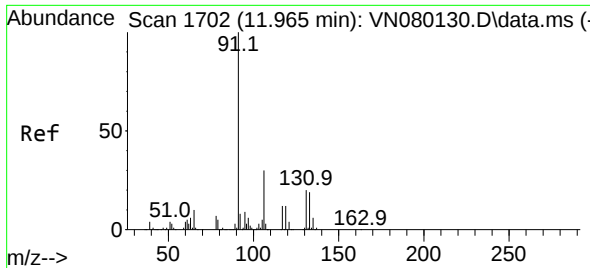
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.541 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion:131 Resp: 154539
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 59.5 34.1 102.2





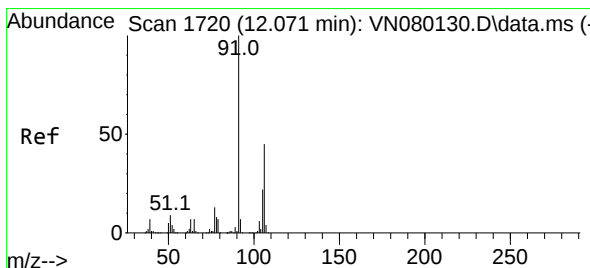
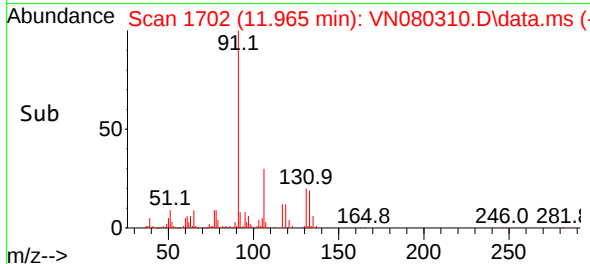
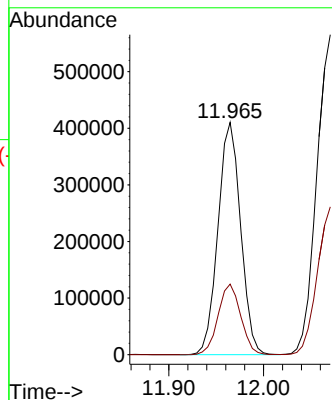
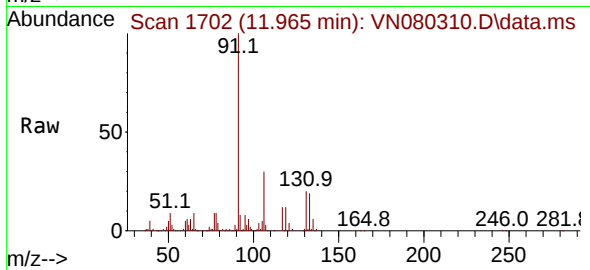
#67
Ethyl Benzene
Concen: 49.640 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 68249
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

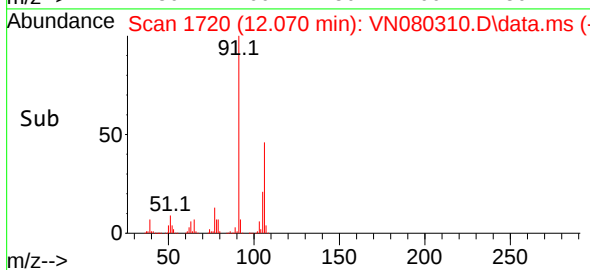
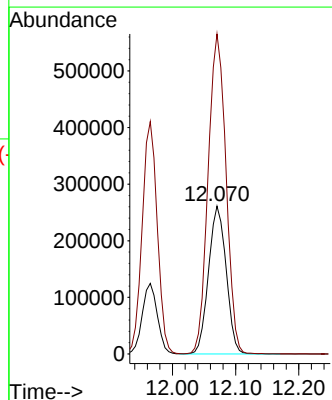
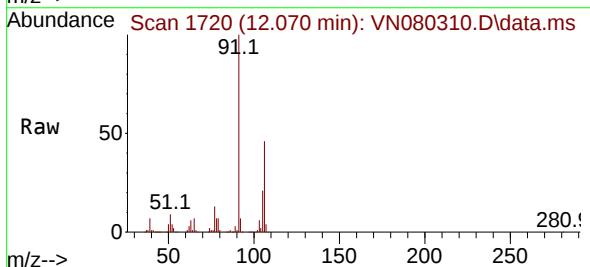
Manual Integrations
APPROVED

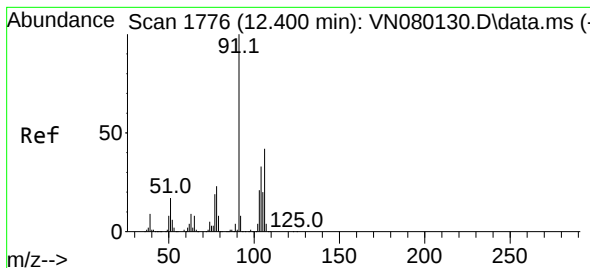
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#68
m/p-Xylenes
Concen: 100.934 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

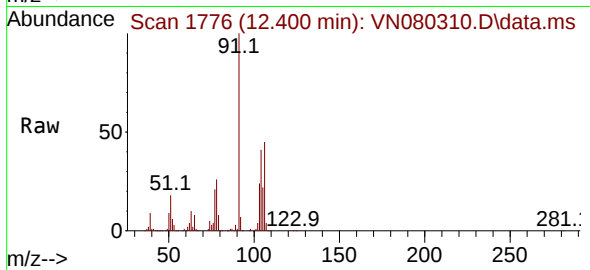
Tgt Ion:106 Resp: 505974
Ion Ratio Lower Upper
106 100
91 219.1 159.6 239.4





#69
o-Xylene
Concen: 51.713 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

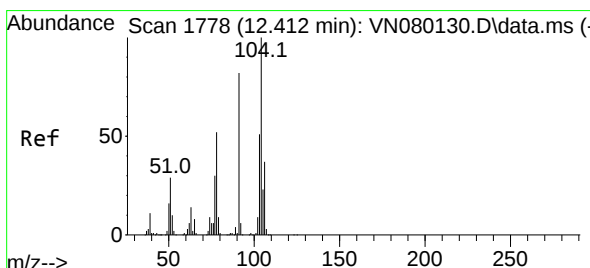
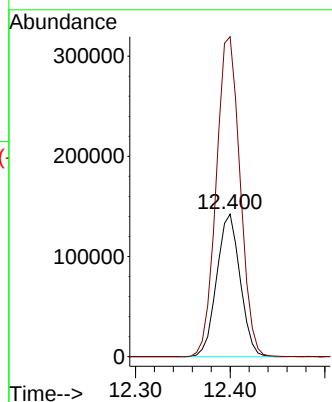
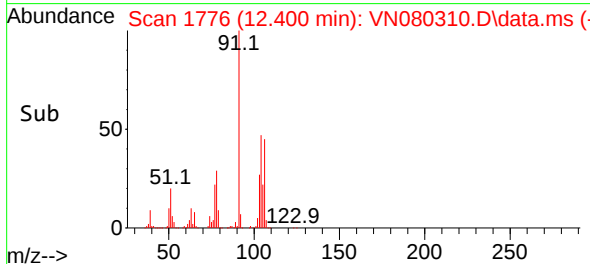
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 244308
Ion Ratio Lower Upper
106 100
91 229.1 105.2 315.5

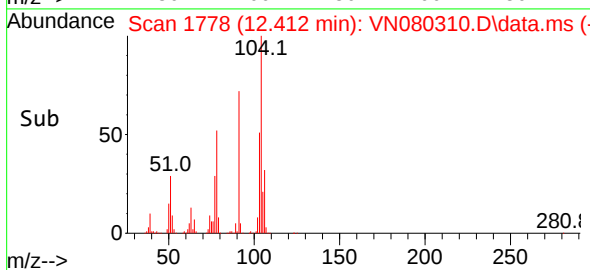
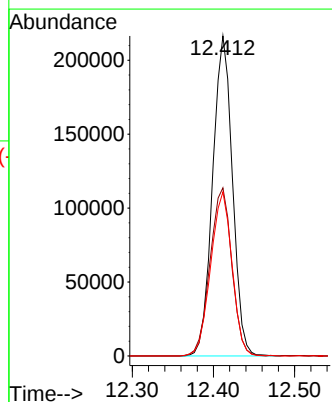
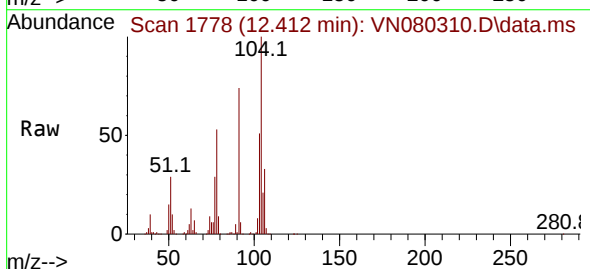
Manual Integrations
APPROVED

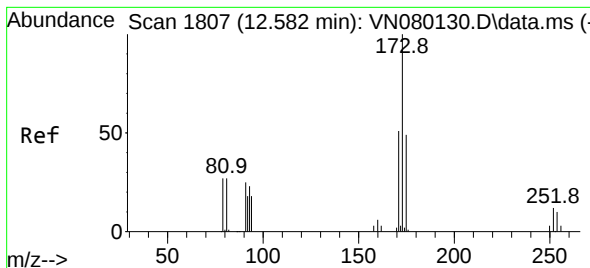
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#70
Styrene
Concen: 52.254 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion:104 Resp: 367427
Ion Ratio Lower Upper
104 100
78 57.7 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 49.687 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 11048

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

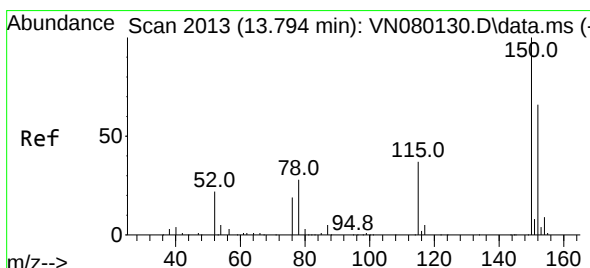
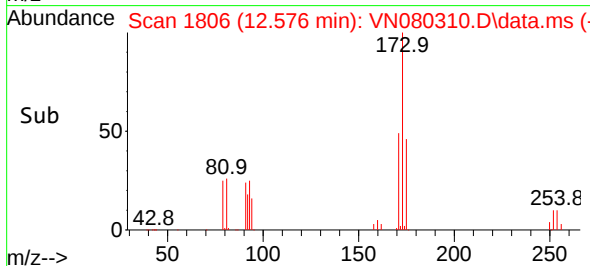
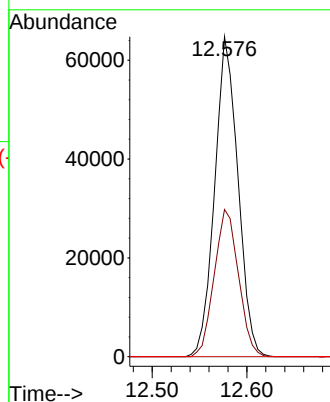
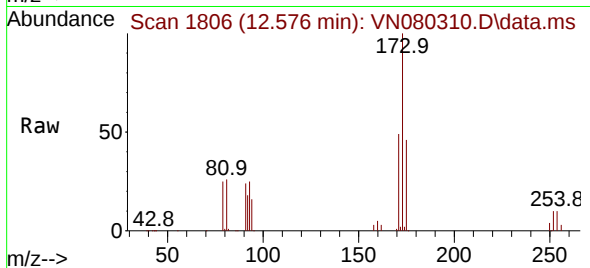
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

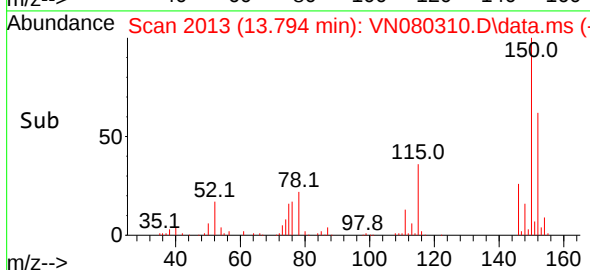
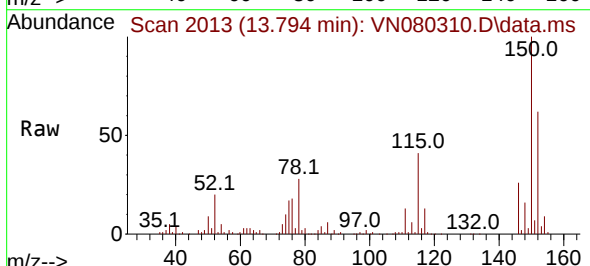
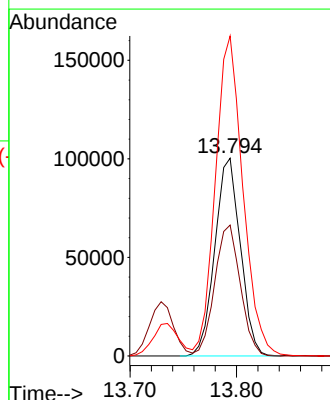
Tgt Ion:152 Resp: 166836

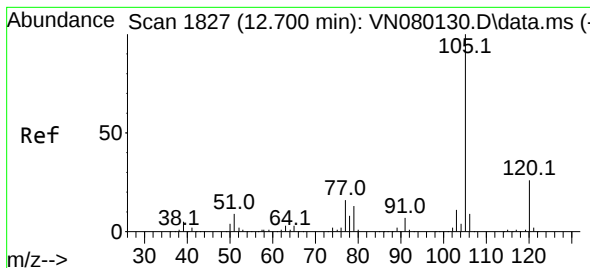
Ion Ratio Lower Upper

152 100

115 66.3 32.3 96.8

150 174.5 0.0 355.8





#73

Isopropylbenzene

Concen: 50.440 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 653920

Ion Ratio Lower Upper

105 100

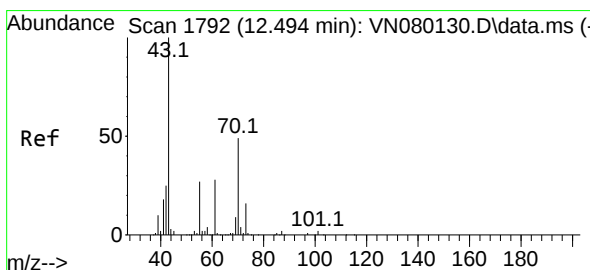
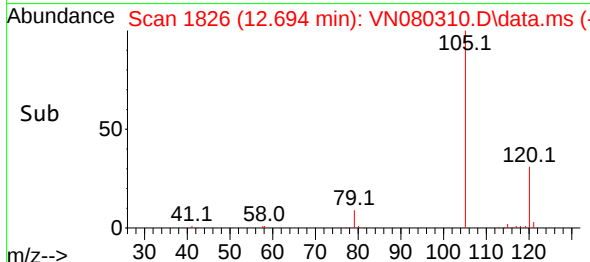
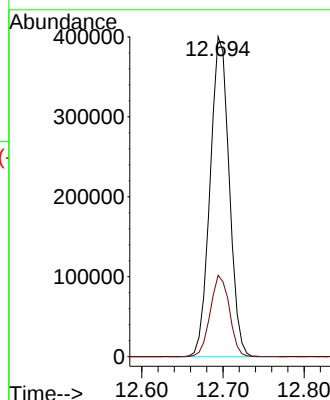
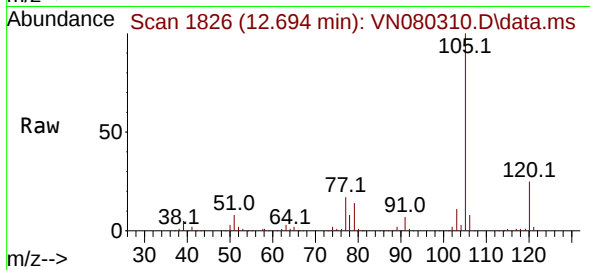
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#74

N-ethyl acetate

Concen: 41.823 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Tgt Ion: 43 Resp: 169087

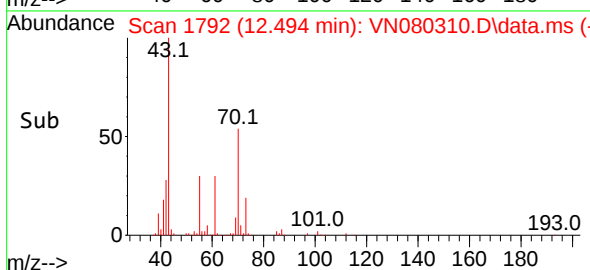
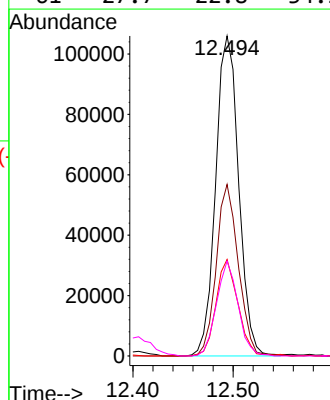
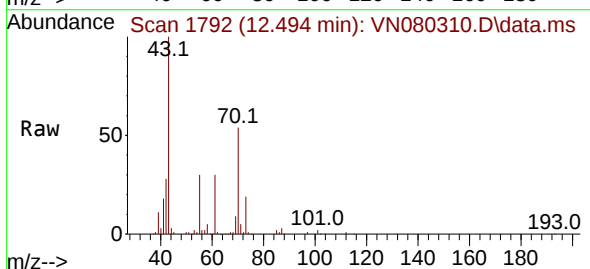
Ion Ratio Lower Upper

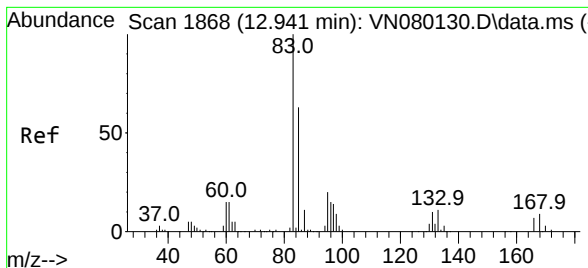
43 100

70 51.4 43.4 65.2

55 28.8 21.4 32.0

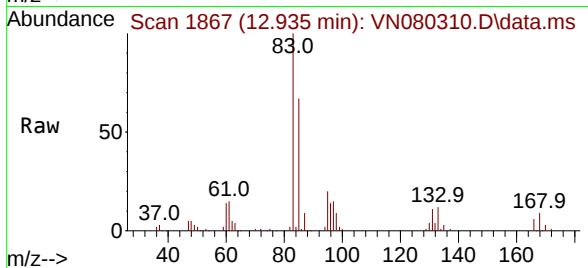
61 27.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 40.429 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

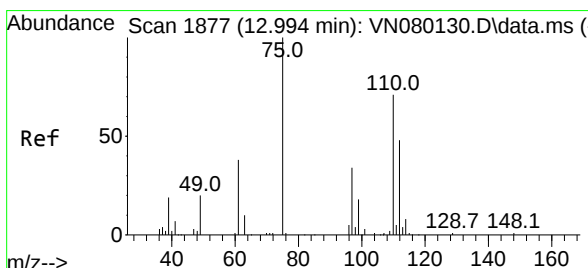
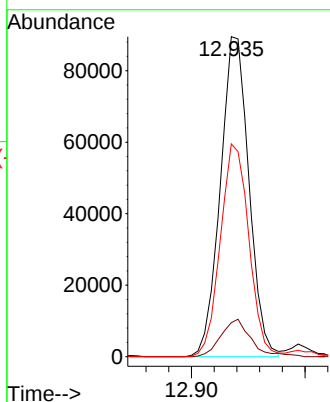
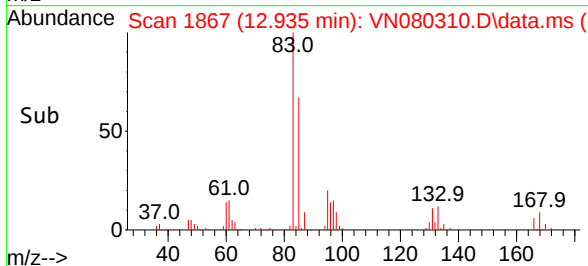
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 15687
Ion Ratio Lower Upper
83 100
131 12.2 5.0 15.0
85 66.4 31.9 95.7

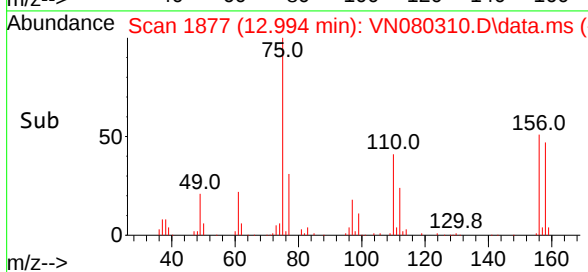
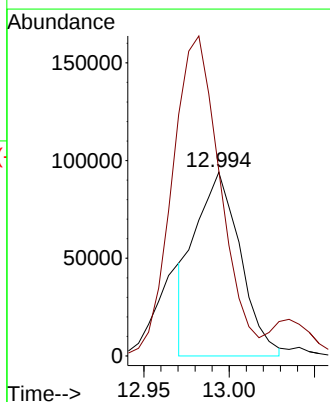
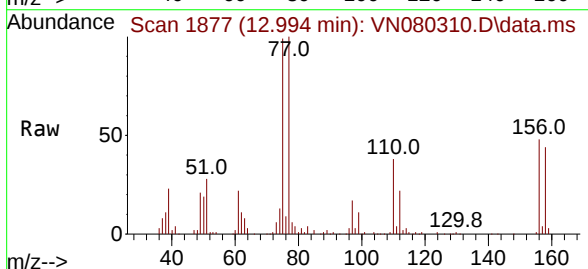
Manual Integrations
APPROVED

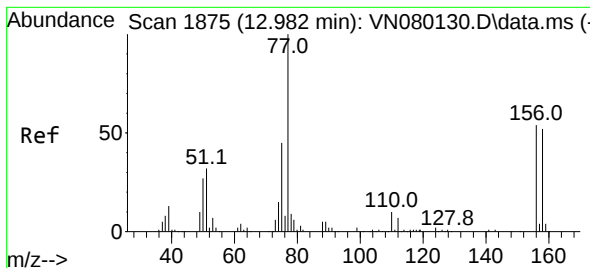
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#76
1,2,3-Trichloropropane
Concen: 42.332 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion: 75 Resp: 173044
Ion Ratio Lower Upper
75 100
77 185.6 84.5 253.5





#77

Bromobenzene

Concen: 48.472 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

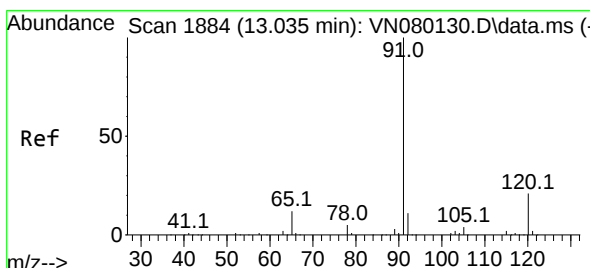
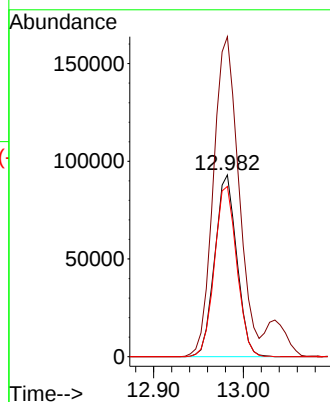
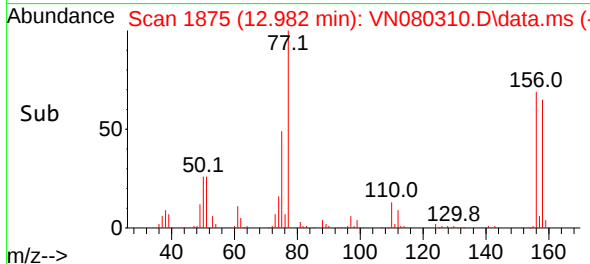
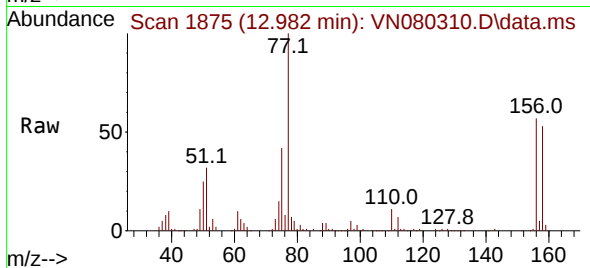
Tgt Ion:156 Resp: 158435
 Ion Ratio Lower Upper
 156 100
 77 202.7 107.7 323.3
 158 95.3 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#78

n-propylbenzene

Concen: 50.628 ug/l

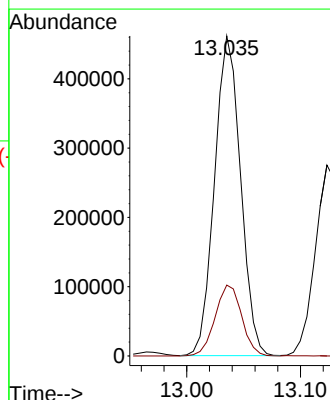
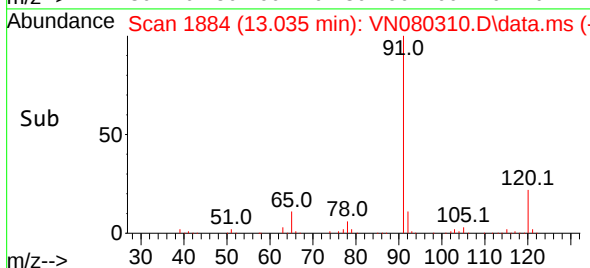
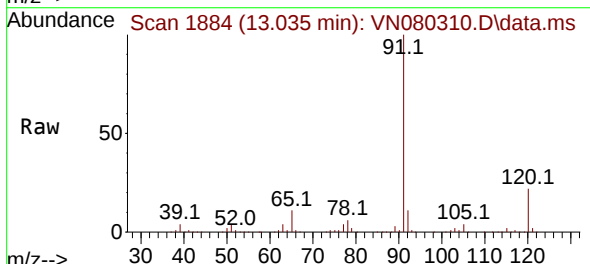
RT: 13.035 min Scan# 1884

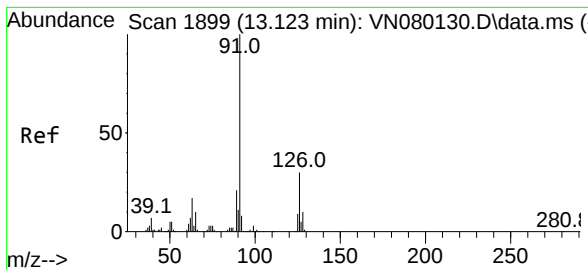
Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Tgt Ion: 91 Resp: 733967
 Ion Ratio Lower Upper
 91 100
 120 22.6 11.5 34.4





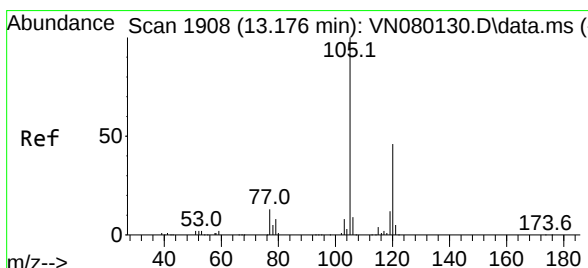
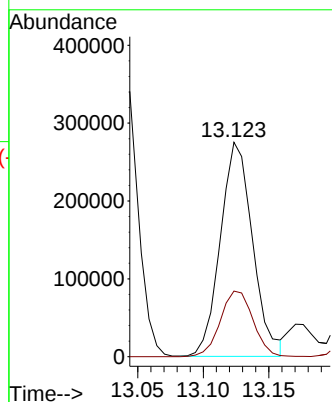
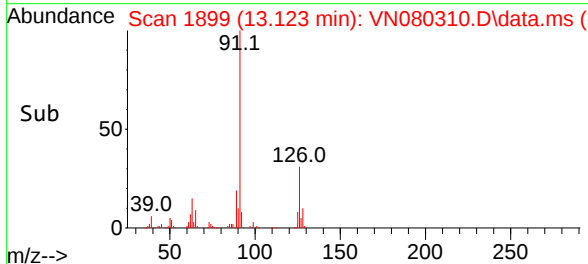
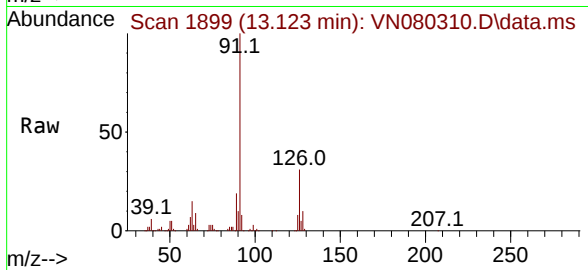
#79
2-Chlorotoluene
Concen: 50.068 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 471432
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

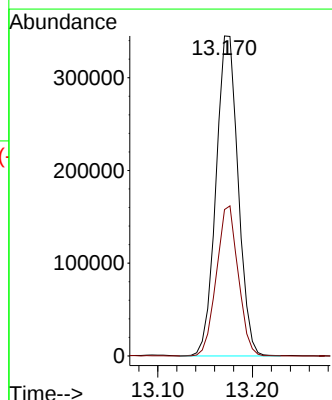
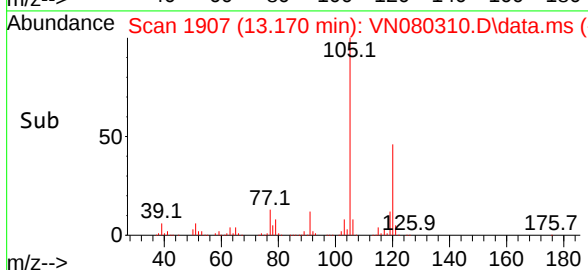
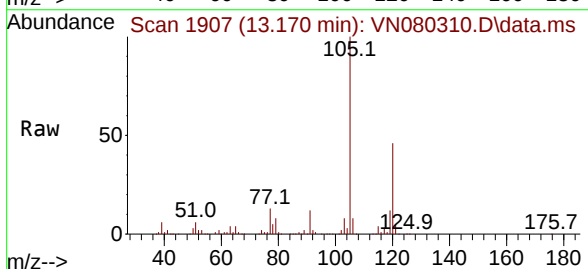
Manual Integrations
APPROVED

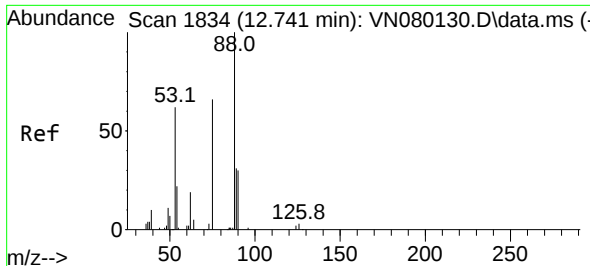
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.795 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

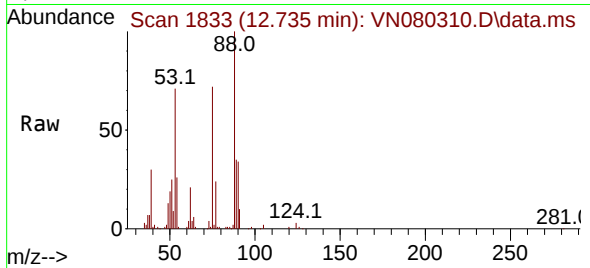
Tgt Ion:105 Resp: 561956
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.820 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

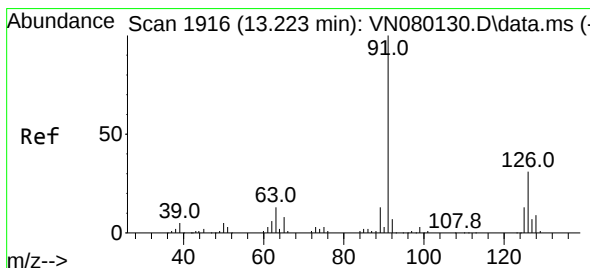
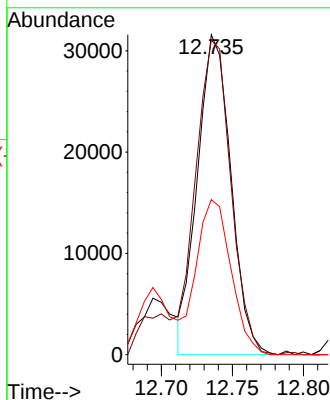
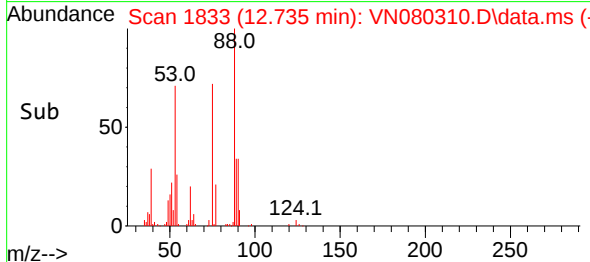
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 51800
Ion Ratio Lower Upper
75 100
53 116.5 67.4 101.2
89 50.5 38.8 58.2

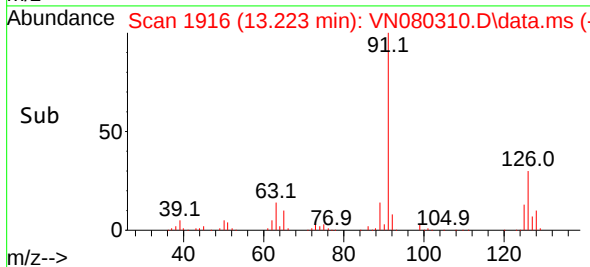
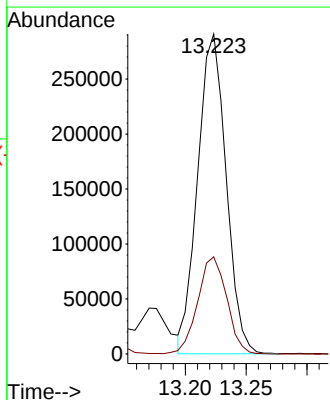
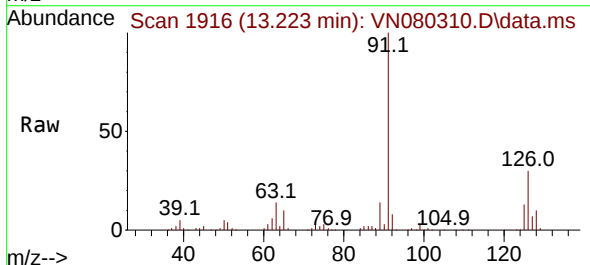
Manual Integrations
APPROVED

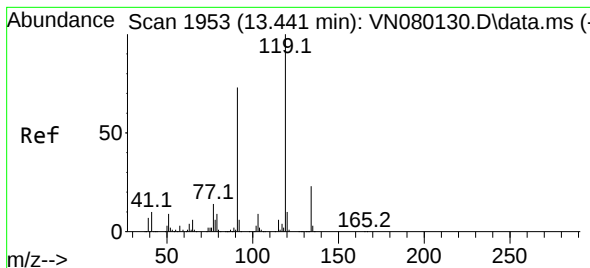
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#82
4-Chlorotoluene
Concen: 48.972 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

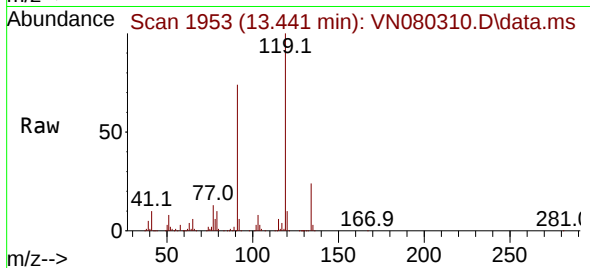
Tgt Ion: 91 Resp: 472383
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.971 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

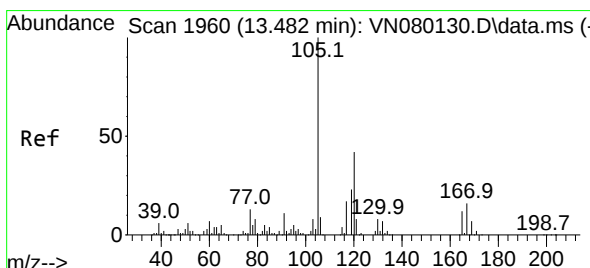
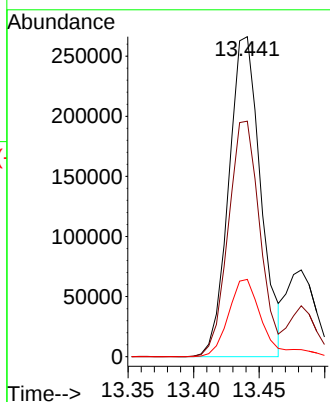
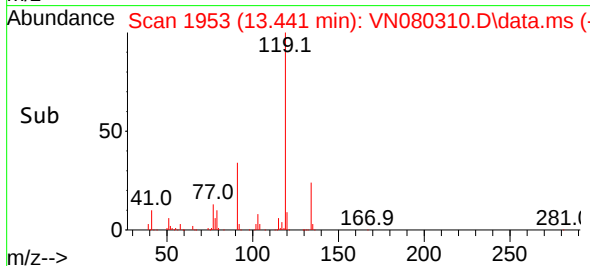
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



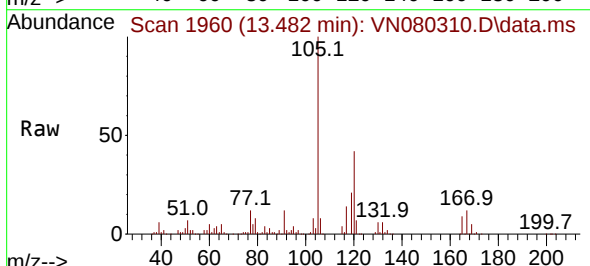
Tgt Ion:119 Resp: 452244
Ion Ratio Lower Upper
119 100
91 72.6 33.9 101.7
134 25.9 13.2 39.6

Manual Integrations
APPROVED

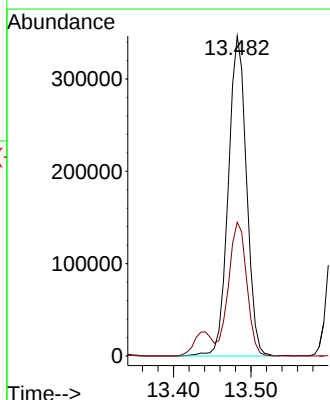
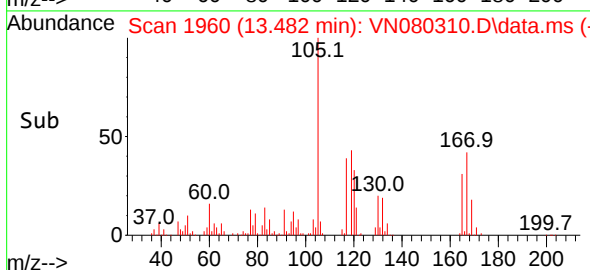
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

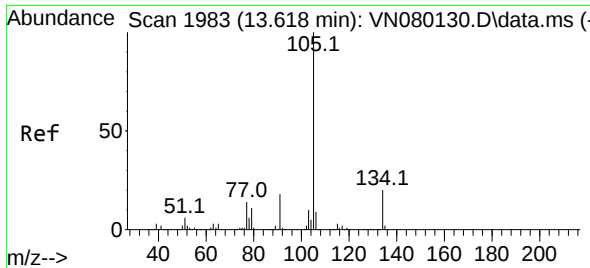


#84
1,2,4-Trimethylbenzene
Concen: 50.934 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51



Tgt Ion:105 Resp: 566005
Ion Ratio Lower Upper
105 100
120 42.0 22.0 66.0





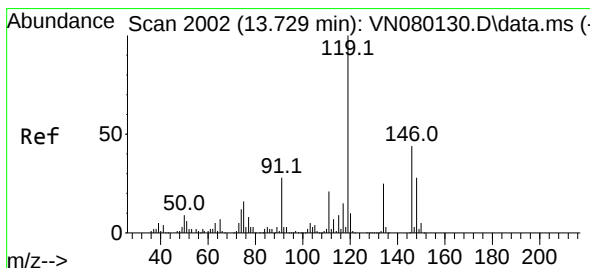
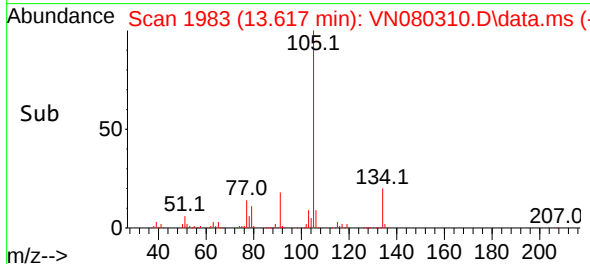
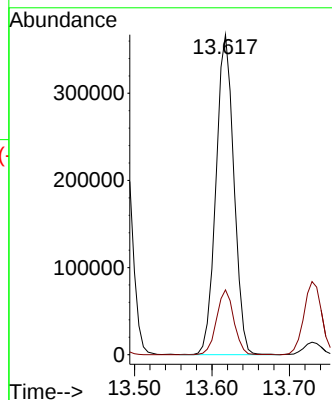
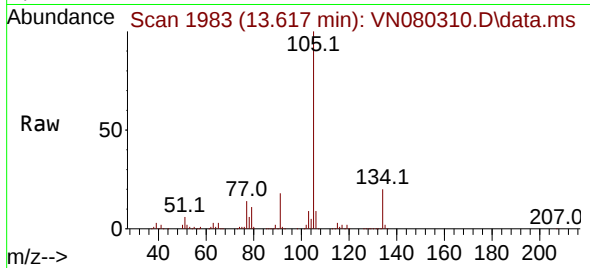
#85
 sec-Butylbenzene
 Concen: 51.337 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080310.D
 Acq: 29 Nov 2023 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 58774
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

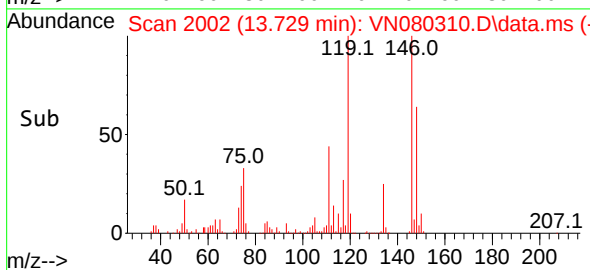
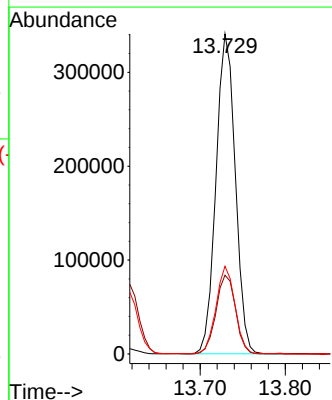
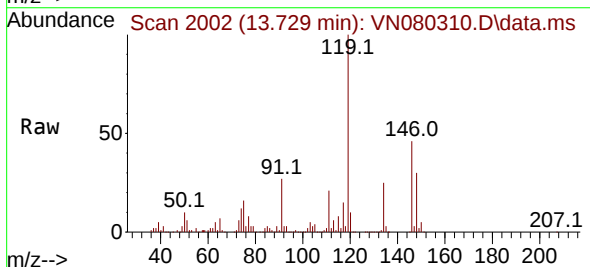
Manual Integrations
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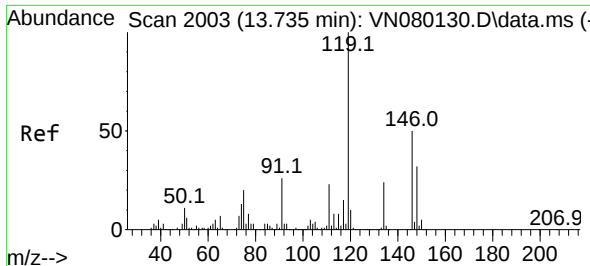
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#86
 p-Isopropyltoluene
 Concen: 52.351 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080310.D
 Acq: 29 Nov 2023 16:51

Tgt Ion:119 Resp: 535403
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 26.7 12.4 37.2





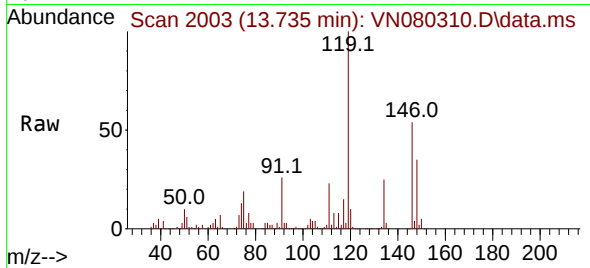
#87
1,3-Dichlorobenzene
Concen: 47.615 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



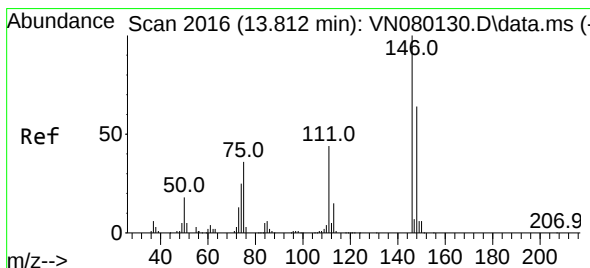
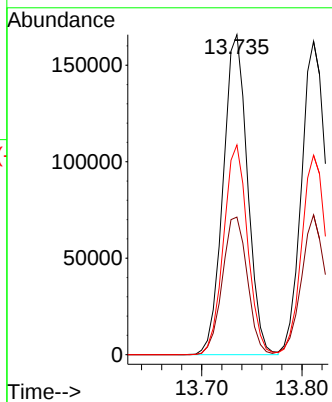
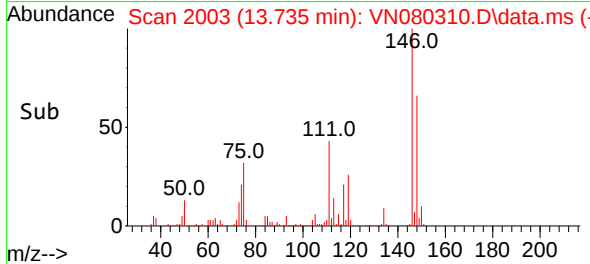
Tgt Ion:146 Resp: 28040
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.3
148 64.7 32.0 96.0

Manual Integrations

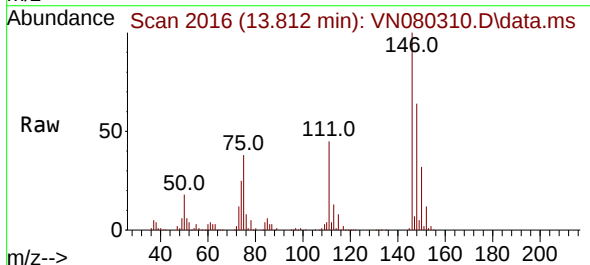
APPROVED

Reviewed By :John Carlone 11/30/2023

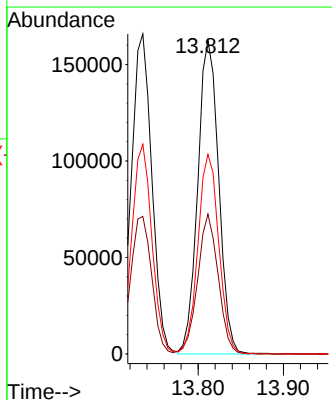
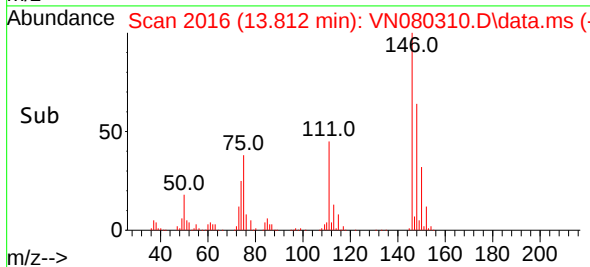
Supervised By :Mahesh Dadoda 11/30/2023

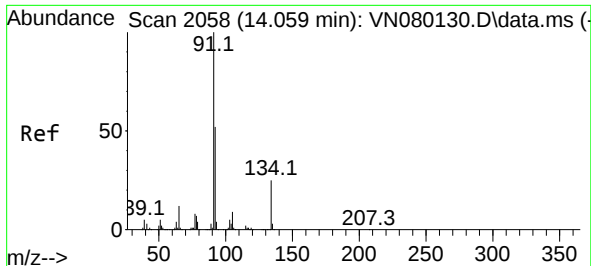


#88
1,4-Dichlorobenzene
Concen: 46.875 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51



Tgt Ion:146 Resp: 277413
Ion Ratio Lower Upper
146 100
111 43.9 20.6 61.8
148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 51.195 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 43823

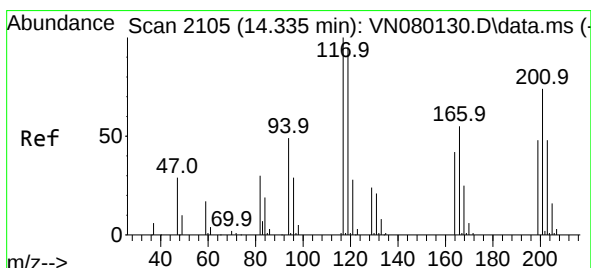
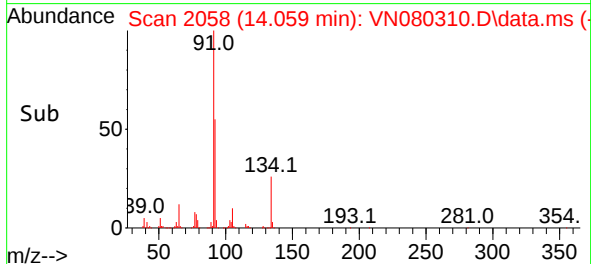
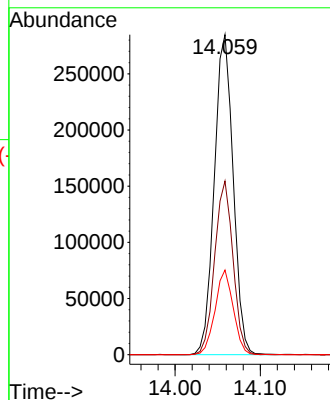
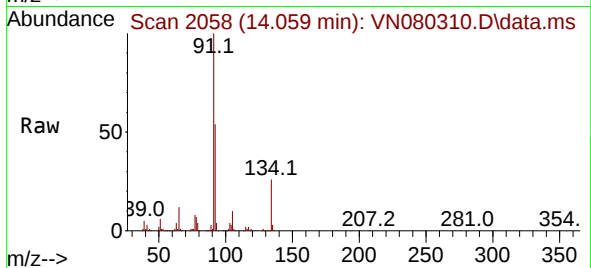
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	25.5	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#90

Hexachloroethane

Concen: 47.058 ug/l

RT: 14.335 min Scan# 2105

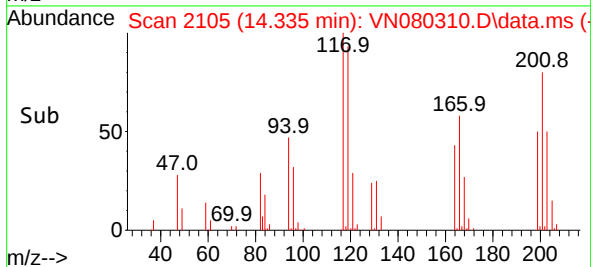
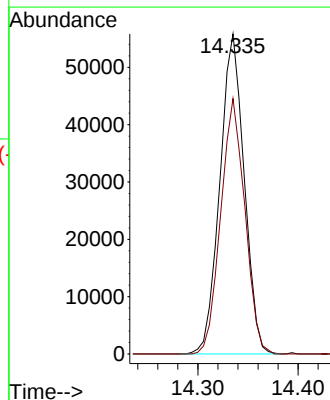
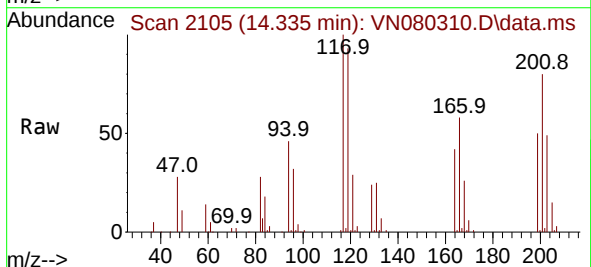
Delta R.T. -0.000 min

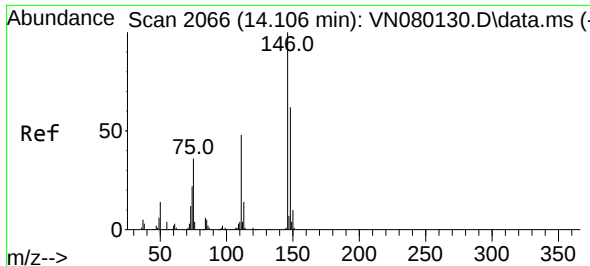
Lab File: VN080310.D

Acq: 29 Nov 2023 16:51

Tgt Ion:117 Resp: 93823

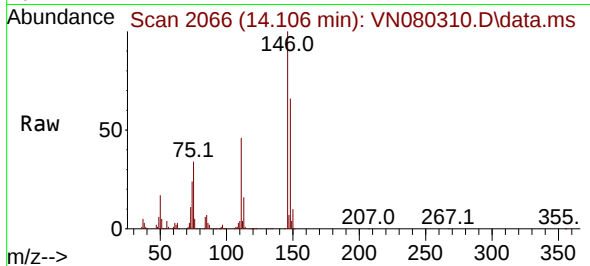
Ion	Ratio	Lower	Upper
117	100		
201	79.3	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 46.940 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

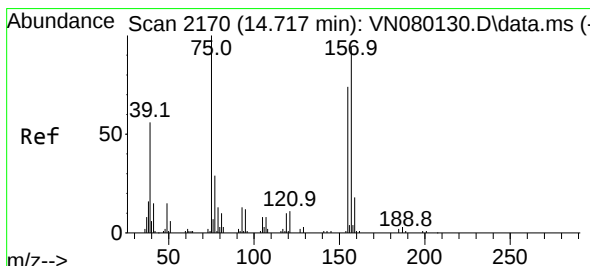
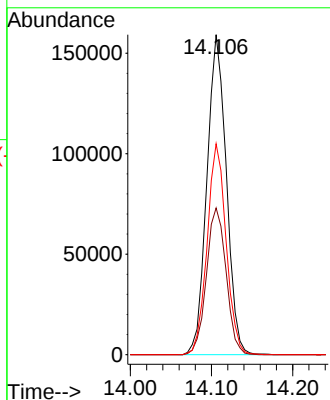
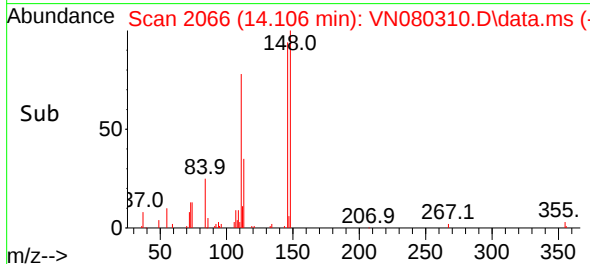
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 264524
Ion Ratio Lower Upper
146 100
111 46.4 22.0 66.0
148 64.5 31.8 95.3

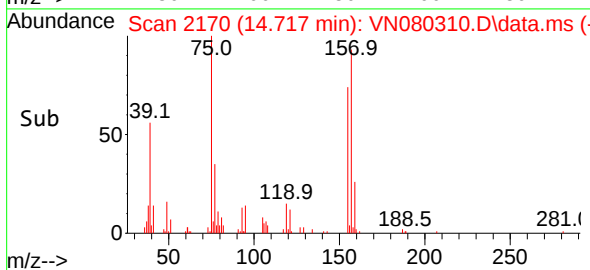
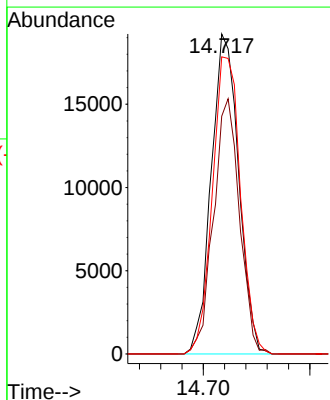
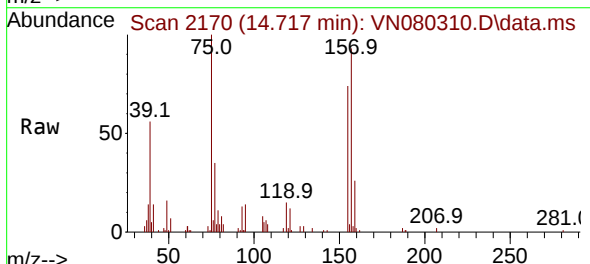
Manual Integrations
APPROVED

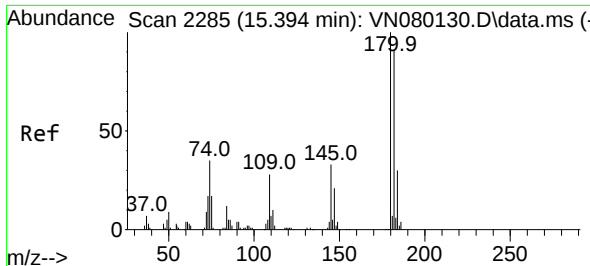
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.095 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

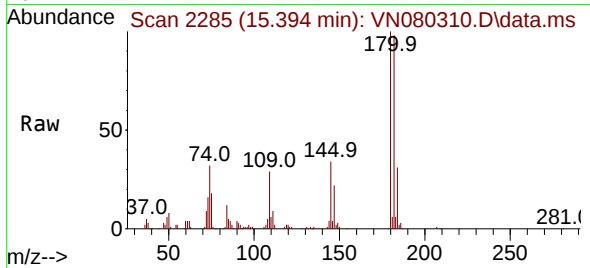
Tgt Ion: 75 Resp: 34334
Ion Ratio Lower Upper
75 100
155 75.8 39.1 117.2
157 94.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 43.912 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

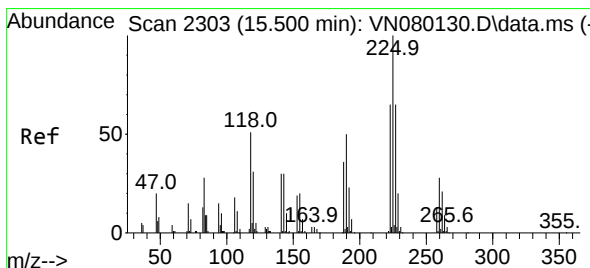
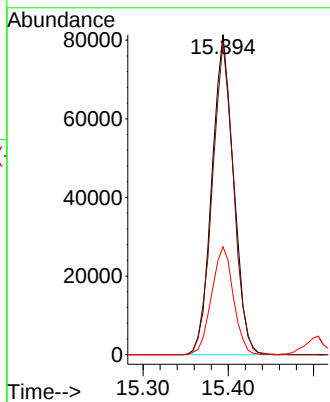
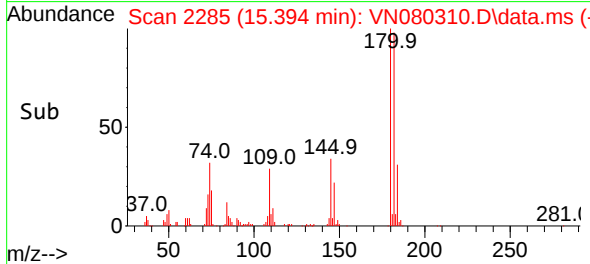
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 14392
Ion Ratio Lower Upper
180 100
182 96.0 46.1 138.2
145 33.9 16.6 49.8

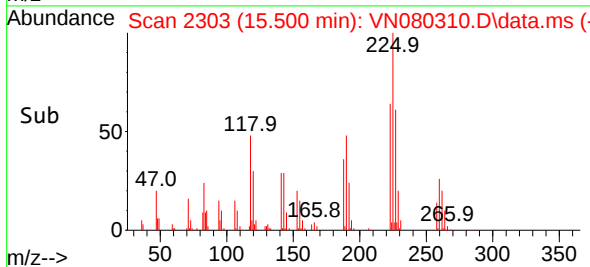
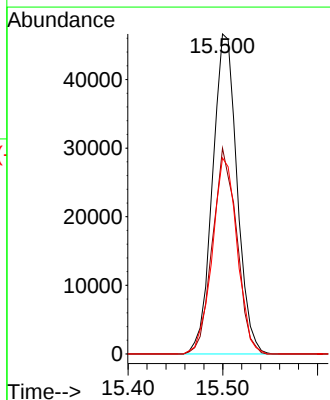
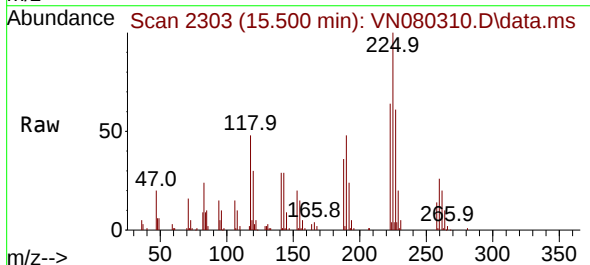
Manual Integrations
APPROVED

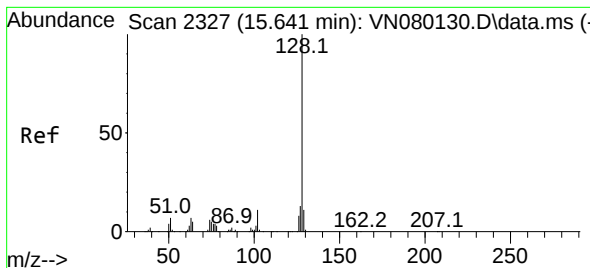
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#94
Hexachlorobutadiene
Concen: 44.467 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

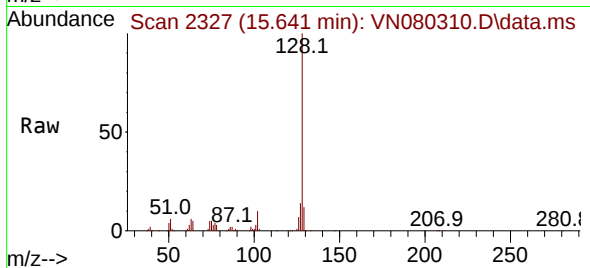
Tgt Ion:225 Resp: 83871
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.8
227 62.2 31.9 95.9





#95
Naphthalene
Concen: 38.349 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

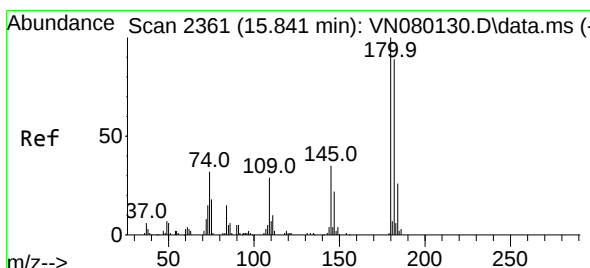
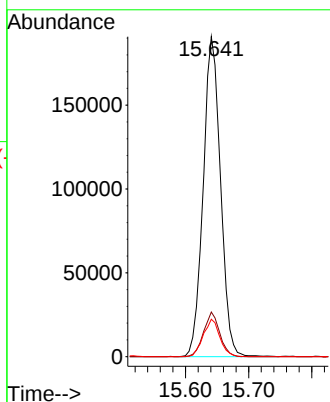
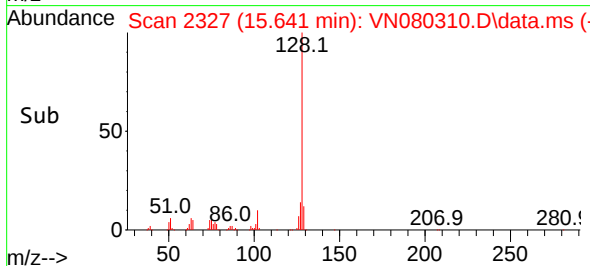
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 36447
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.810 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080310.D
Acq: 29 Nov 2023 16:51

Tgt Ion:180 Resp: 137662
Ion Ratio Lower Upper
180 100
182 94.0 46.2 138.6
145 35.0 17.5 52.6

