

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078511.D
 Acq On : 14 Jul 2023 10:34
 Operator : JC\MD
 Sample : VN0714WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS01

Quant Time: Jul 15 03:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	448999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	779605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	687589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312970	51.994	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	8.171	113	272756	51.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	10.571	98	1021138	51.076	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.160%			
62) 4-Bromofluorobenzene	12.853	95	313502	50.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	102220	18.569	ug/l	99
3) Chloromethane	2.371	50	129958	21.720	ug/l	96
4) Vinyl Chloride	2.518	62	150799	19.483	ug/l	96
5) Bromomethane	2.959	94	106770	18.696	ug/l	96
6) Chloroethane	3.124	64	102692	20.811	ug/l	97
7) Trichlorofluoromethane	3.506	101	210826	22.786	ug/l	100
8) Diethyl Ether	3.977	74	61427	19.926	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	96893	19.783	ug/l	95
10) Methyl Iodide	4.600	142	131257	19.502	ug/l	94
11) Tert butyl alcohol	5.542	59	93884	101.147	ug/l	100
12) 1,1-Dichloroethene	4.353	96	92900	19.609	ug/l	96
13) Acrolein	4.195	56	99708	109.183	ug/l	98
14) Allyl chloride	5.036	41	133010	20.546	ug/l	95
15) Acrylonitrile	5.730	53	246230	104.993	ug/l	99
16) Acetone	4.442	43	207517	110.675	ug/l	94
17) Carbon Disulfide	4.718	76	240612	17.563	ug/l	98
18) Methyl Acetate	5.036	43	160684	20.244	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	314674	20.158	ug/l	99
20) Methylene Chloride	5.289	84	114862	20.639	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	104977	19.663	ug/l	92
22) Diisopropyl ether	6.689	45	300736	20.746	ug/l	95
23) Vinyl Acetate	6.618	43	943442	102.375	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	195397	20.004	ug/l	99
25) 2-Butanone	7.494	43	317074	107.427	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	163727	20.494	ug/l	94
27) cis-1,2-Dichloroethene	7.500	96	122153	19.778	ug/l	95
28) Bromochloromethane	7.818	49	90840	19.745	ug/l #	5
29) Tetrahydrofuran	7.853	42	194296	100.323	ug/l	87
30) Chloroform	7.977	83	216497	21.289	ug/l	99
31) Cyclohexane	8.271	56	155281	19.088	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	185049	20.296	ug/l	99
36) 1,1-Dichloropropene	8.377	75	155087	20.295	ug/l	96
37) Ethyl Acetate	7.577	43	127345	19.991	ug/l	94
38) Carbon Tetrachloride	8.371	117	168378	20.274	ug/l	96
39) Methylcyclohexane	9.606	83	137525	19.717	ug/l #	87
40) Benzene	8.612	78	465357	20.556	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	63157	19.449	ug/l	92
42) 1,2-Dichloroethane	8.682	62	156775	20.360	ug/l	98
43) Isopropyl Acetate	8.700	43	216786	20.671	ug/l #	93
44) Trichloroethene	9.359	130	119411	19.571	ug/l	99
45) 1,2-Dichloropropane	9.629	63	117552	20.502	ug/l	94
46) Dibromomethane	9.712	93	82619	20.473	ug/l	91
47) Bromodichloromethane	9.894	83	166542	20.587	ug/l	94
48) Methyl methacrylate	9.688	41	96495	19.860	ug/l	91
49) 1,4-Dioxane	9.706	88	43106	406.813	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	656743	105.280	ug/l	94
52) Toluene	10.635	92	285381	20.340	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	169995	20.512	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	185661	21.017	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	117958	21.338	ug/l	96
56) Ethyl methacrylate	10.876	69	155173	20.080	ug/l	90
57) 1,3-Dichloropropane	11.171	76	191598	20.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	266678	96.836	ug/l	93
59) 2-Hexanone	11.200	43	467204	105.381	ug/l	93
60) Dibromochloromethane	11.365	129	130926	21.453	ug/l	98
61) 1,2-Dibromoethane	11.476	107	117265	20.592	ug/l	99
64) Tetrachloroethene	11.106	164	104821	20.277	ug/l	97
65) Chlorobenzene	11.894	112	303236	19.730	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.970	131	119889	20.277	ug/l	98
67) Ethyl Benzene	11.970	91	520269	20.026	ug/l	97
68) m/p-Xylenes	12.076	106	392529	40.866	ug/l	98
69) o-Xylene	12.406	106	191882	19.778	ug/l	96
70) Styrene	12.418	104	303048	19.966	ug/l	98
71) Bromoform	12.582	173	82339	20.563	ug/l #	100
73) Isopropylbenzene	12.700	105	483662	19.024	ug/l	99
74) N-amyl acetate	12.500	43	163986	18.716	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	164335	21.369	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	125415m	19.176	ug/l	
77) Bromobenzene	12.988	156	116056	20.066	ug/l	96
78) n-propylbenzene	13.041	91	531712	19.556	ug/l	100
79) 2-Chlorotoluene	13.129	91	340032	19.093	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	397119	19.769	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	51656	20.756	ug/l	96
82) 4-Chlorotoluene	13.223	91	315165	18.970	ug/l	98
83) tert-Butylbenzene	13.447	119	329152	19.299	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	389781	19.976	ug/l	98
85) sec-Butylbenzene	13.623	105	418245	19.401	ug/l	100
86) p-Isopropyltoluene	13.735	119	338944	19.581	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	190951	19.564	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	179400	18.249	ug/l	97
89) n-Butylbenzene	14.059	91	245450	19.818	ug/l	96
90) Hexachloroethane	14.341	117	65328	20.045	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	181949	18.732	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26103	20.306	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	50909	16.422	ug/l	98
94) Hexachlorobutadiene	15.511	225	33949	18.567	ug/l	99
95) Naphthalene	15.647	128	152782	14.416	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	57032	16.000	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

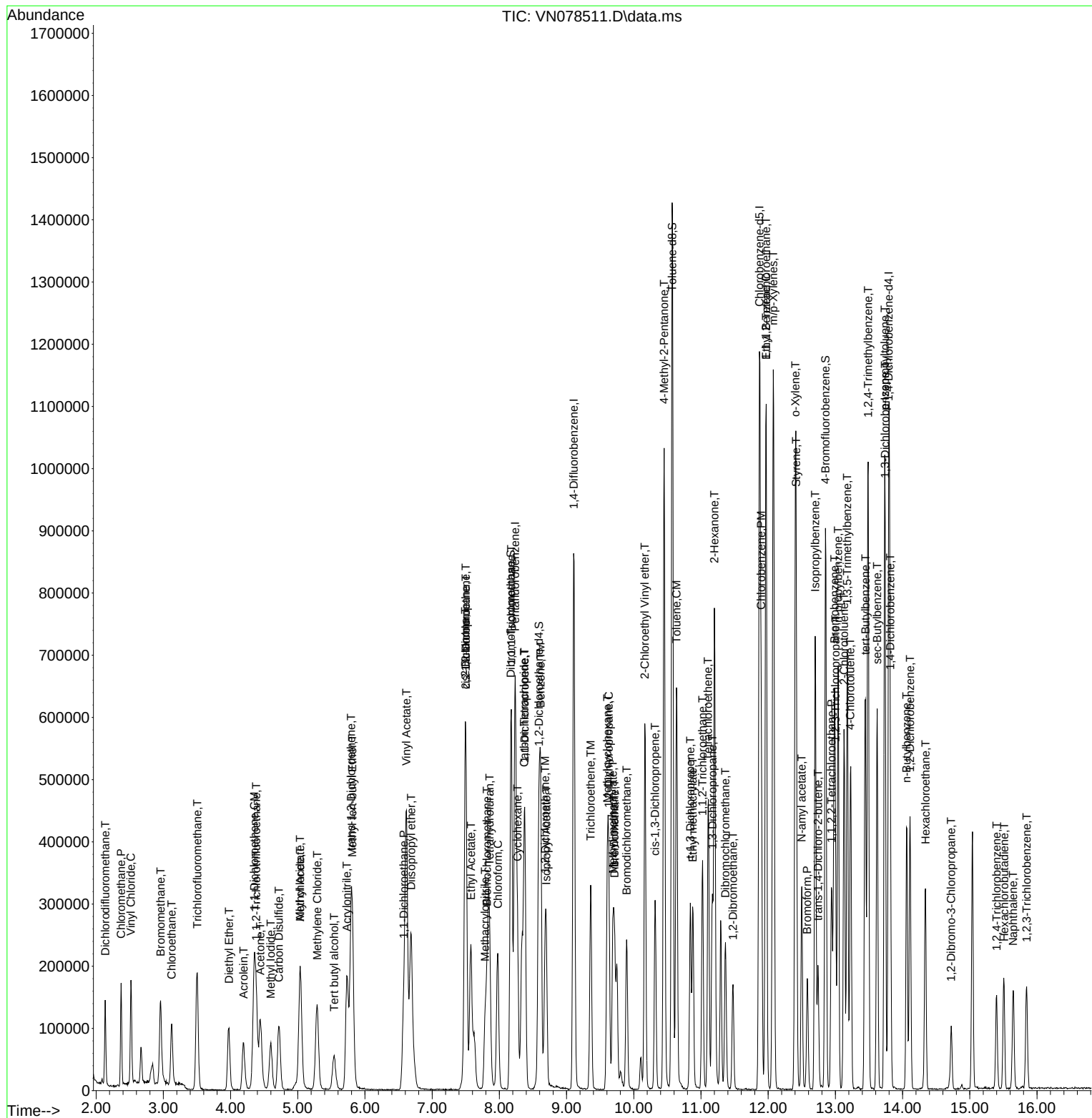
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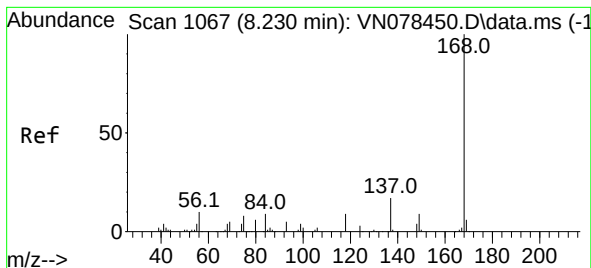
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Manual Integrations APPROVED

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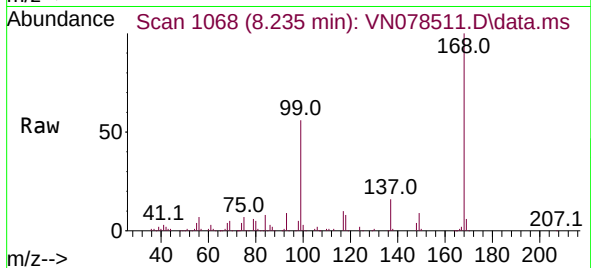
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

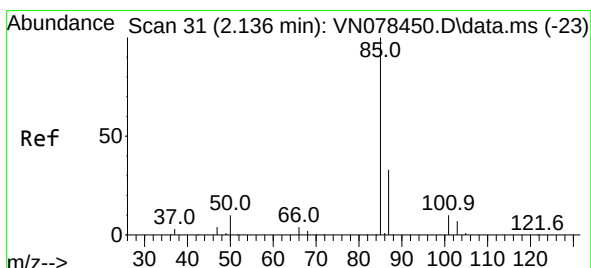
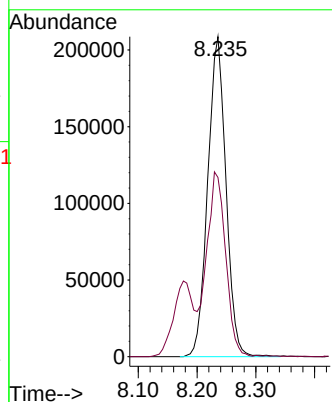
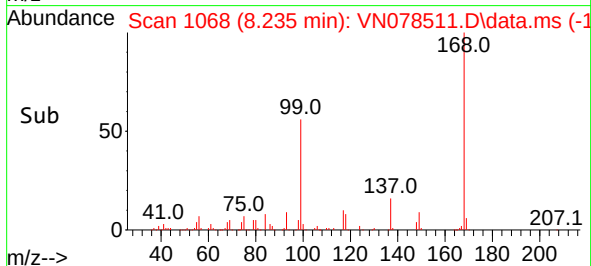
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 448999
Ion Ratio Lower Upper
168 100
99 55.9 53.0 79.6

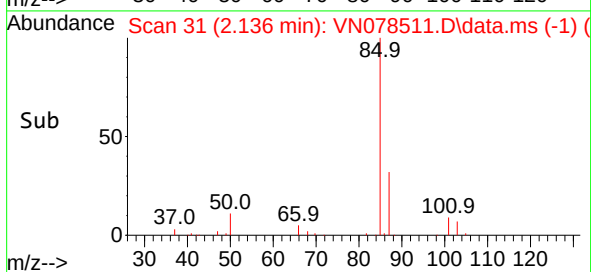
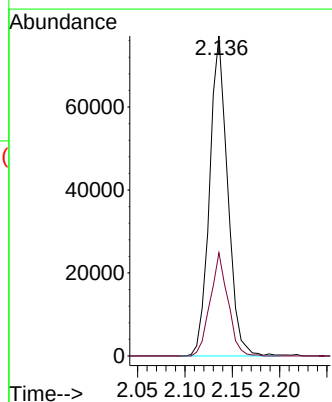
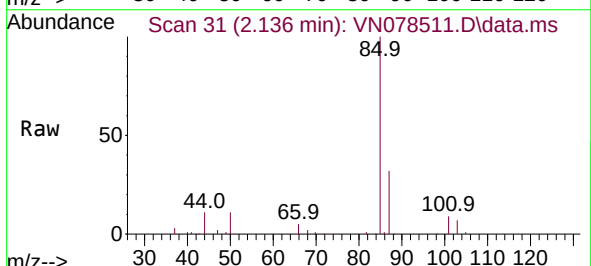
Manual Integrations
APPROVED

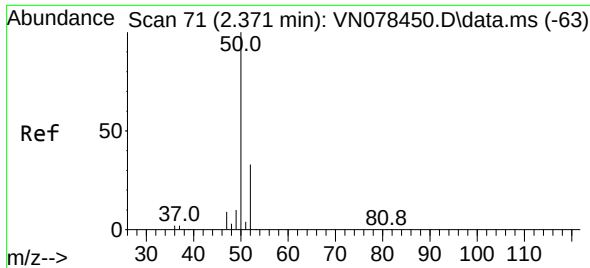
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 18.569 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

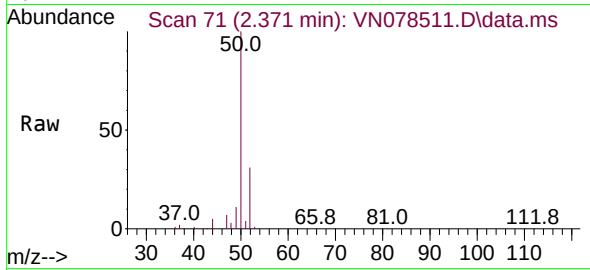
Tgt Ion: 85 Resp: 102220
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





#3
Chloromethane
Concen: 21.720 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

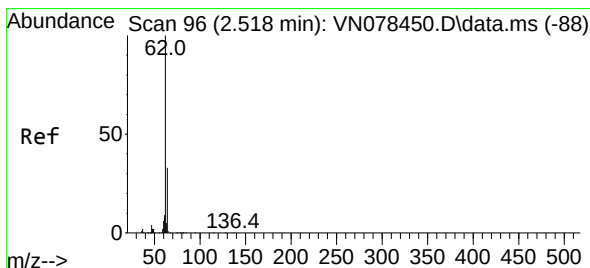
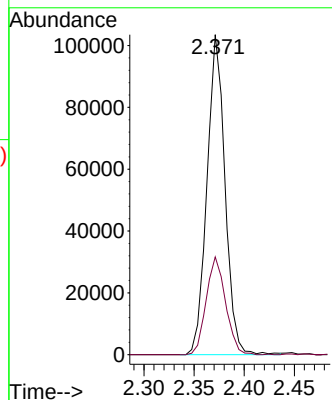
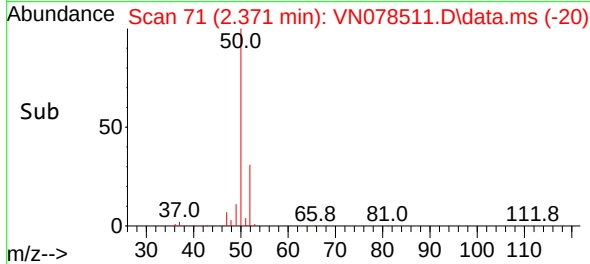
Instrument :
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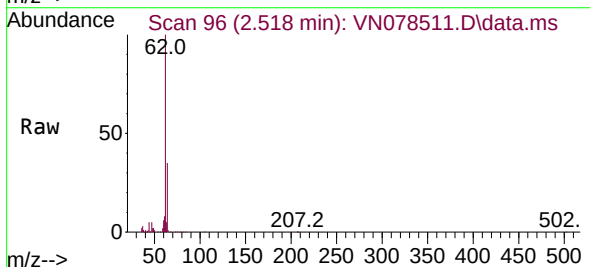
Tgt Ion: 50 Resp: 129958
Ion Ratio Lower Upper
50 100
52 30.6 26.5 39.7

Manual Integrations
APPROVED

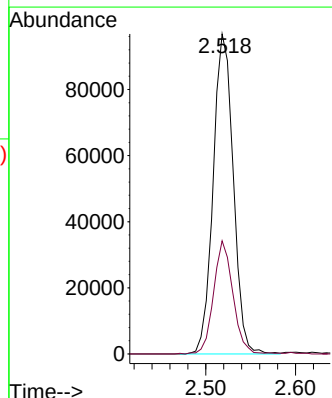
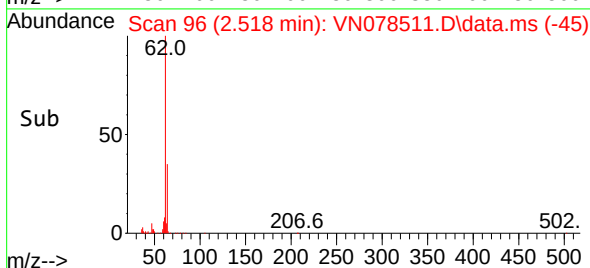
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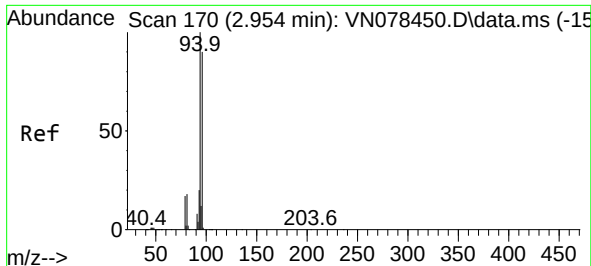


#4
Vinyl Chloride
Concen: 19.483 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



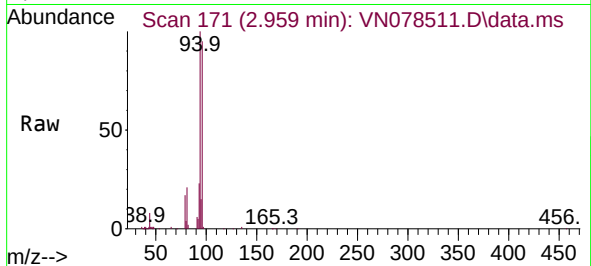
Tgt Ion: 62 Resp: 150799
Ion Ratio Lower Upper
62 100
64 35.1 26.2 39.2





#5
Bromomethane
Concen: 18.696 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

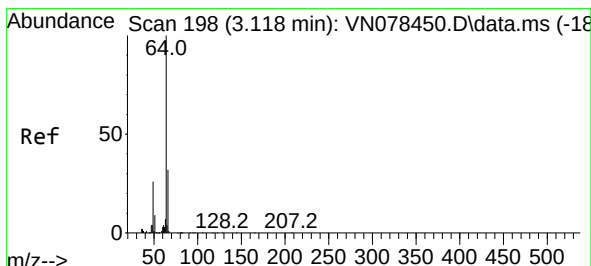
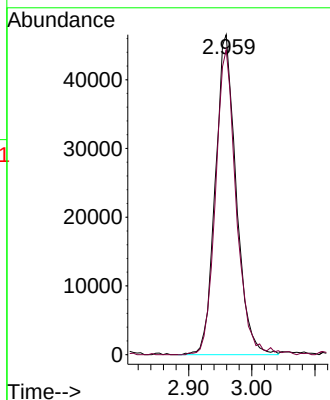
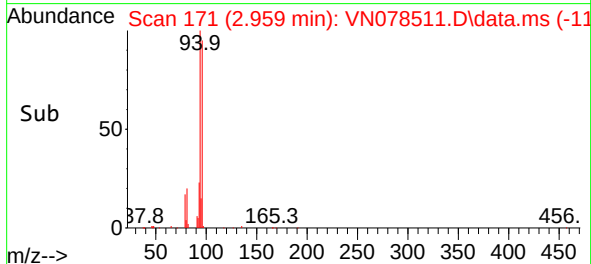
Instrument :
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Tgt Ion: 94 Resp: 106770
Ion Ratio Lower Upper
94 100
96 95.3 73.1 109.7

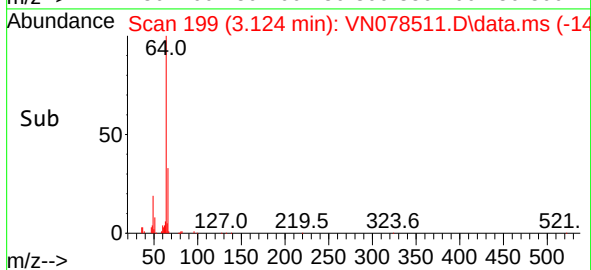
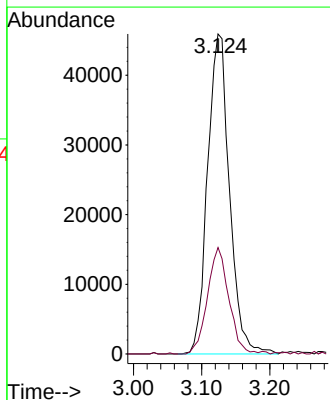
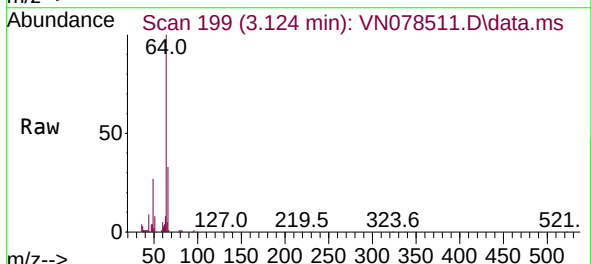
Manual Integrations
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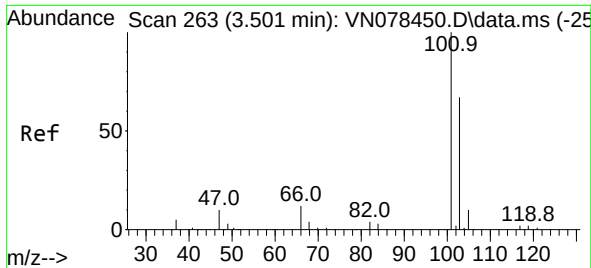
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#6
Chloroethane
Concen: 20.811 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

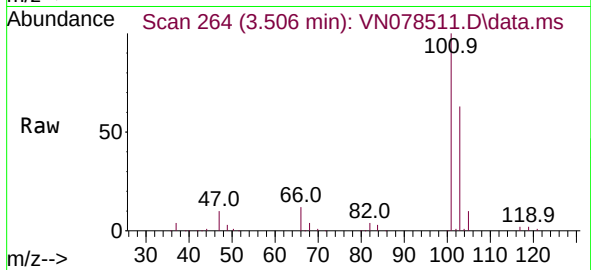
Tgt Ion: 64 Resp: 102692
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 22.786 ug/l
RT: 3.506 min Scan# 210820
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

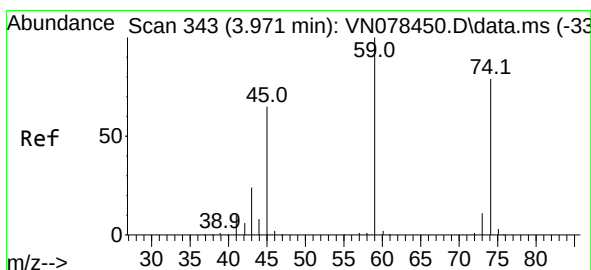
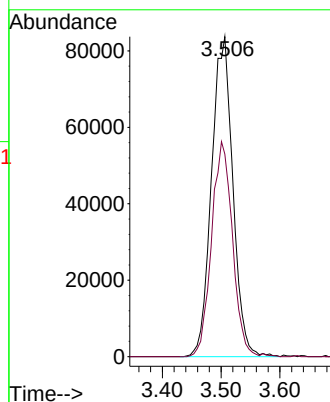
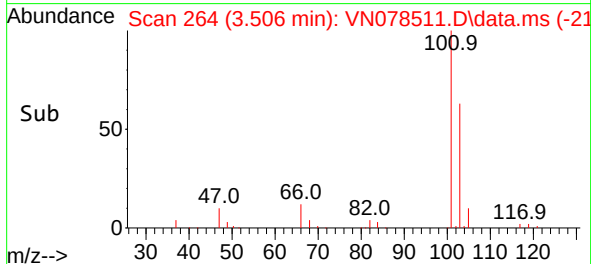
Instrument :
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Tgt Ion:101 Resp: 210820
Ion Ratio Lower Upper
101 100
103 63.3 50.7 76.1

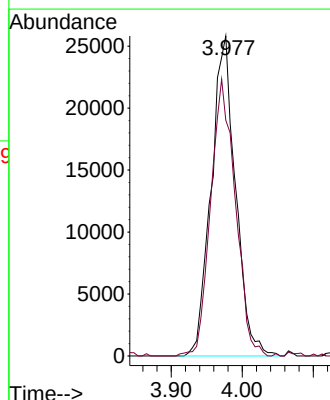
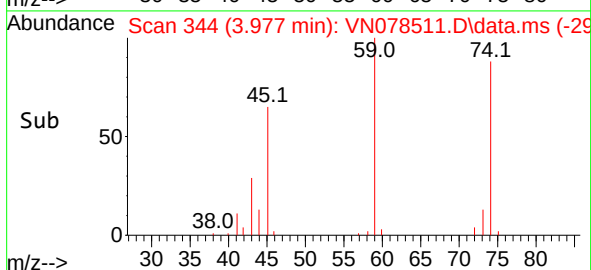
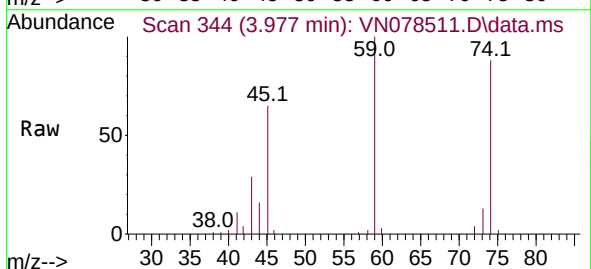
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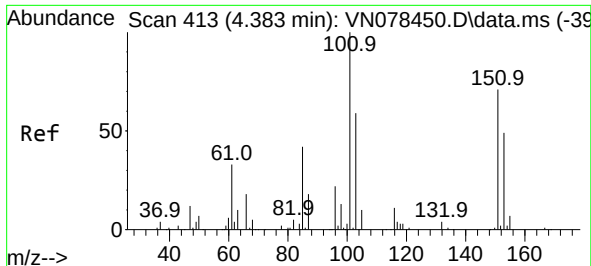
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#8
Diethyl Ether
Concen: 19.926 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078511.D
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Tgt Ion: 74 Resp: 61427
Ion Ratio Lower Upper
74 100
45 87.6 34.4 103.3





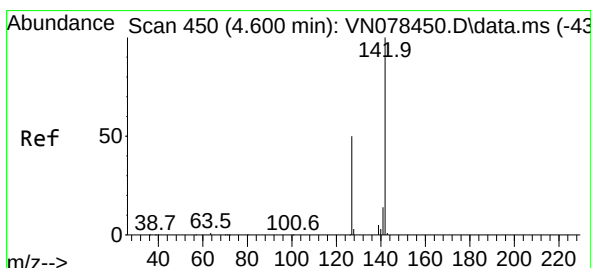
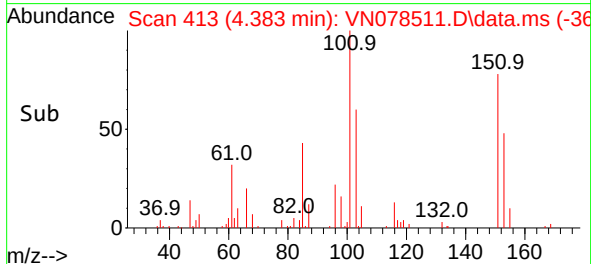
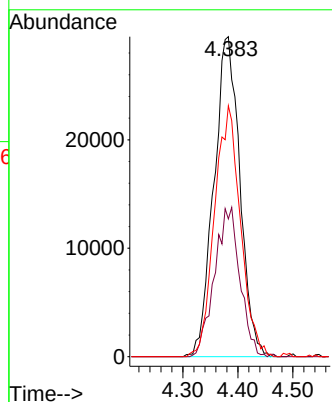
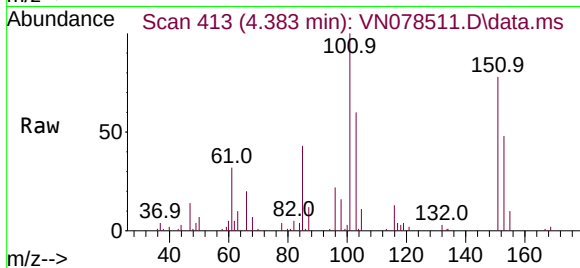
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.783 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01

Tgt Ion:101 Resp: 9689
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.1 57.6 86.4

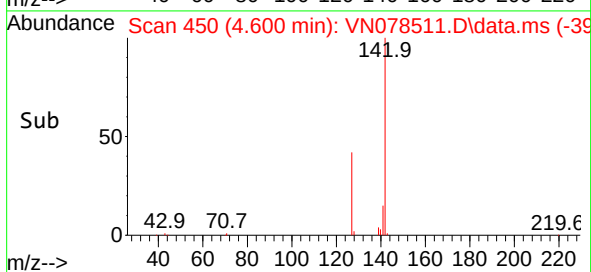
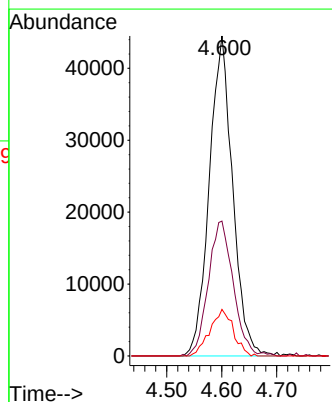
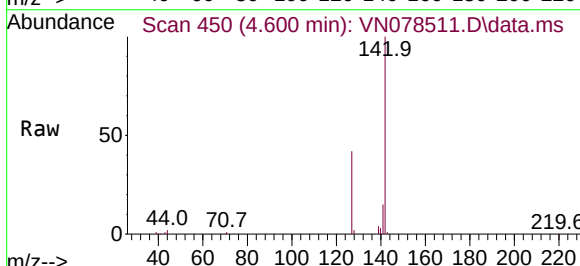
Manual Integrations
APPROVED

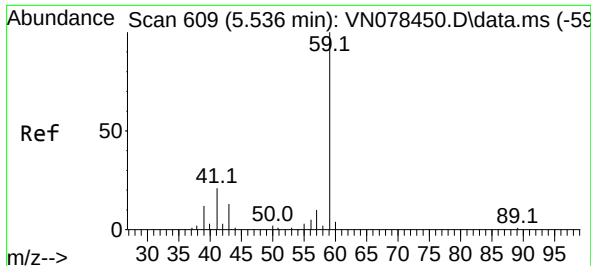
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 19.502 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

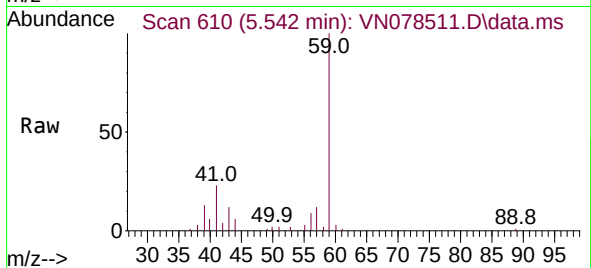
Tgt Ion:142 Resp: 131257
Ion Ratio Lower Upper
142 100
127 42.2 37.6 56.4
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 101.147 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

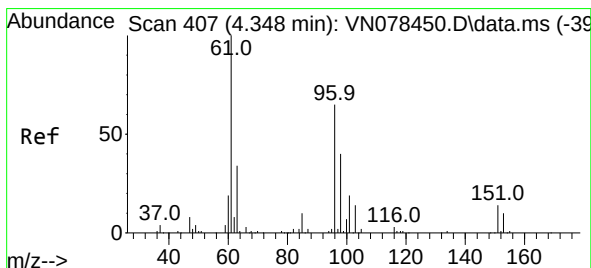
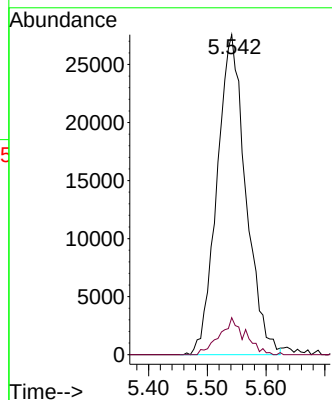
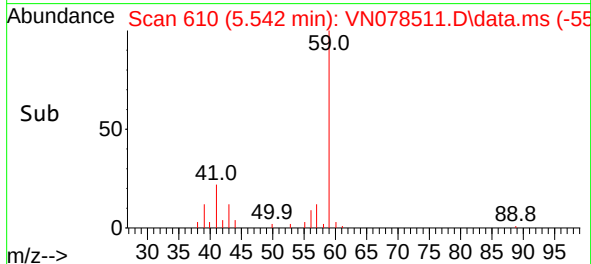
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 59 Resp: 93884
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

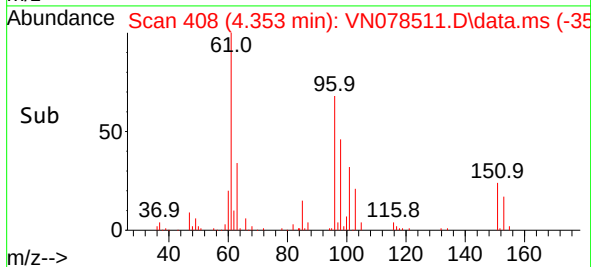
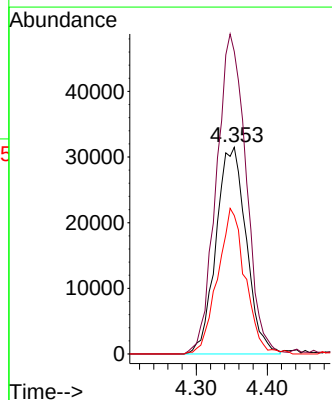
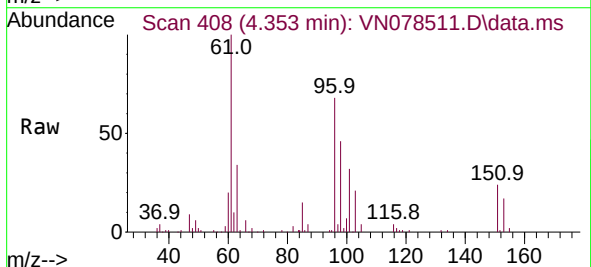
Manual Integrations
APPROVED

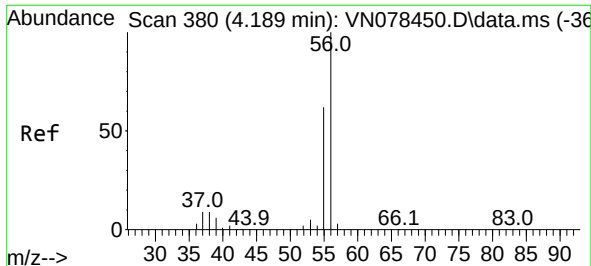
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 19.609 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

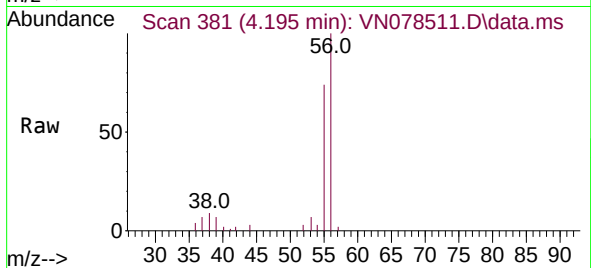
Tgt Ion: 96 Resp: 92900
Ion Ratio Lower Upper
96 100
61 146.3 112.7 169.1
98 67.0 51.2 76.8





#13
Acrolein
Concen: 109.183 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

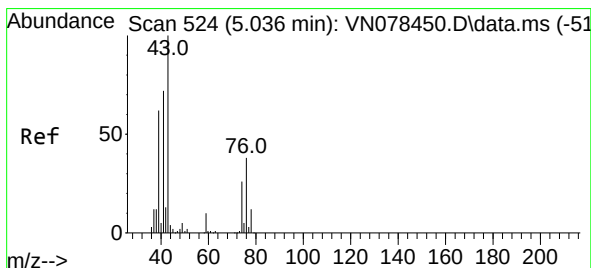
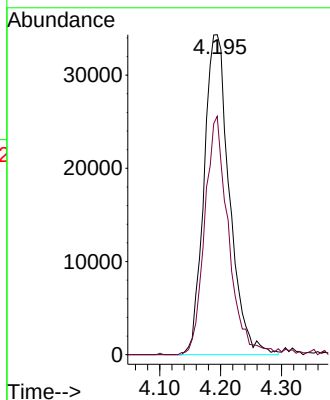
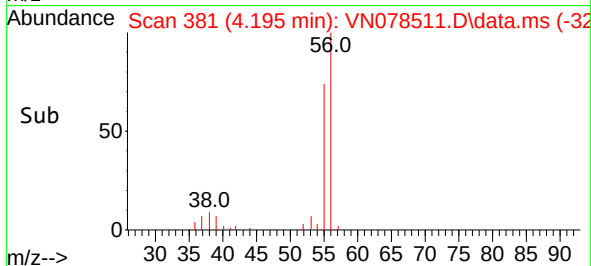
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 56 Resp: 99708
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

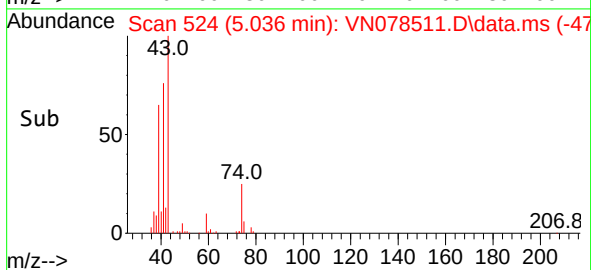
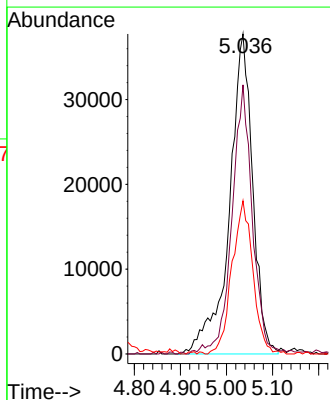
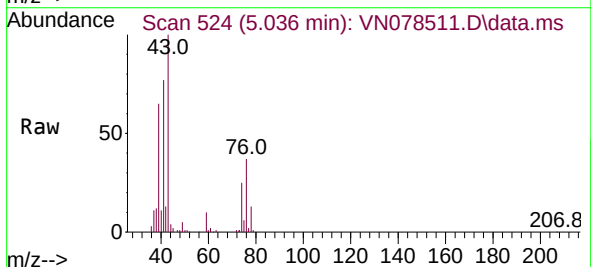
Manual Integrations
APPROVED

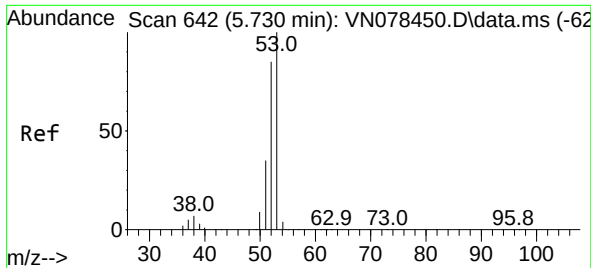
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#14
Allyl chloride
Concen: 20.546 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

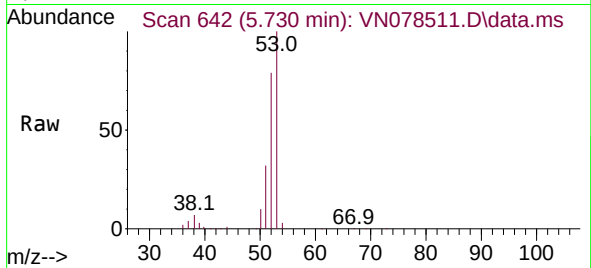
Tgt Ion: 41 Resp: 133010
Ion Ratio Lower Upper
41 100
39 71.9 58.8 88.2
76 42.9 39.1 58.7





#15
Acrylonitrile
Concen: 104.993 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

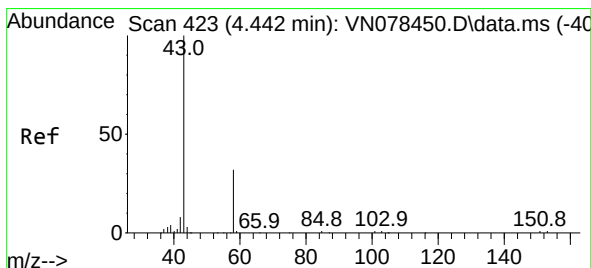
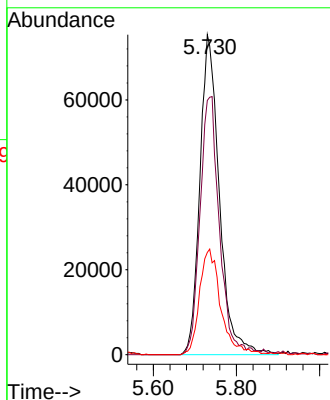
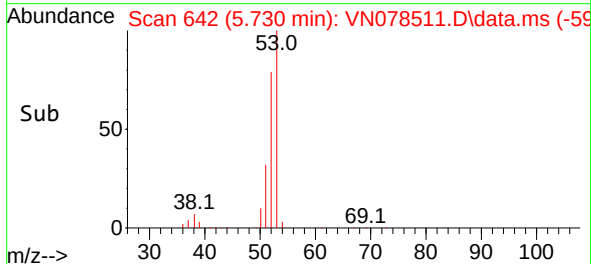
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 53 Resp: 246230
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.8 28.9 43.3

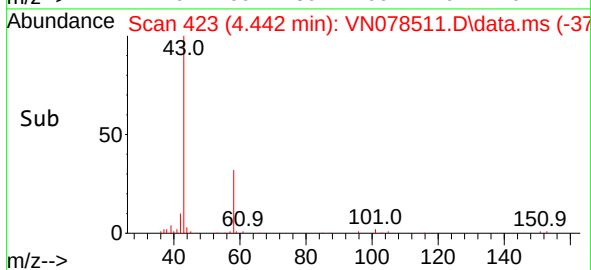
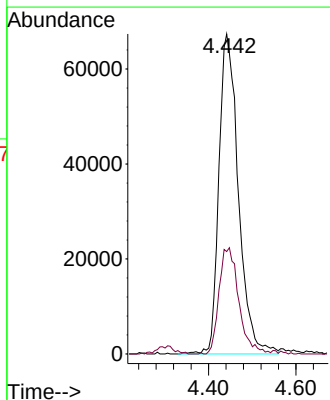
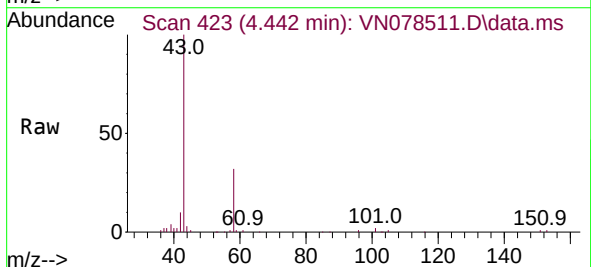
Manual Integrations
APPROVED

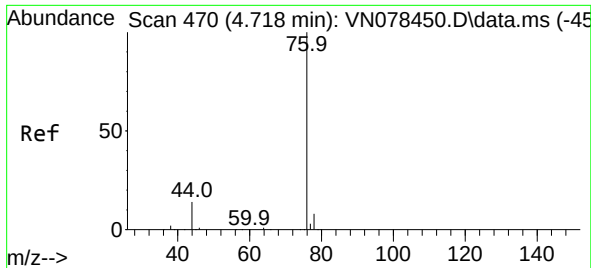
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 110.675 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

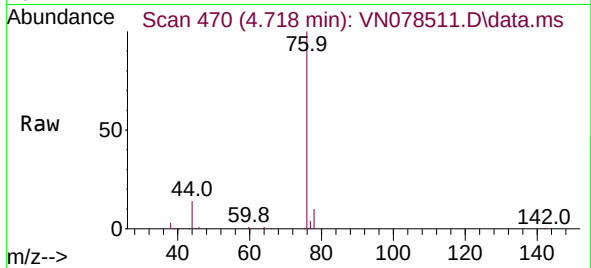
Tgt Ion: 43 Resp: 207517
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0





#17
Carbon Disulfide
Concen: 17.563 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

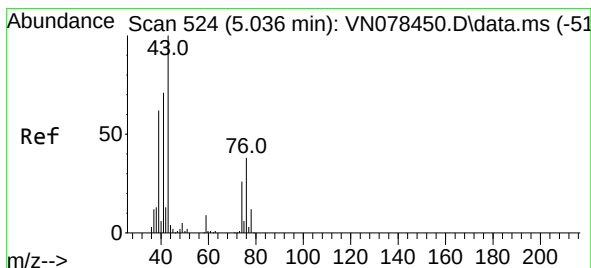
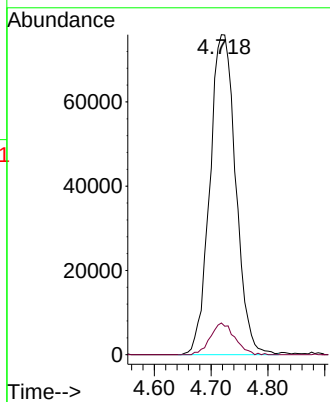
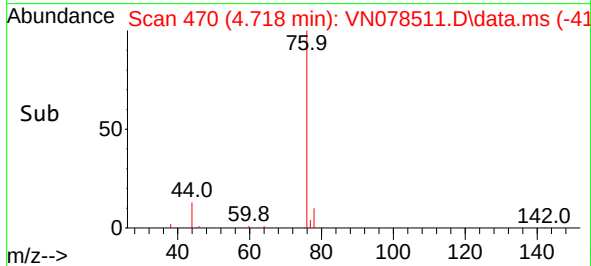
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 76 Resp: 240612
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

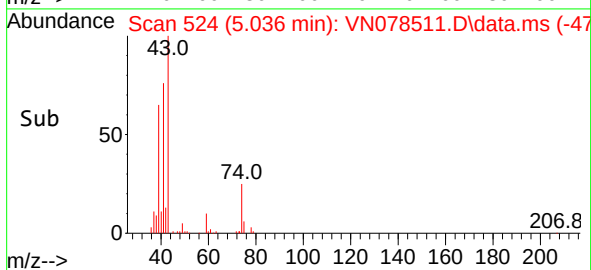
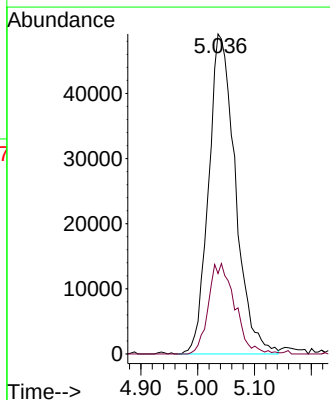
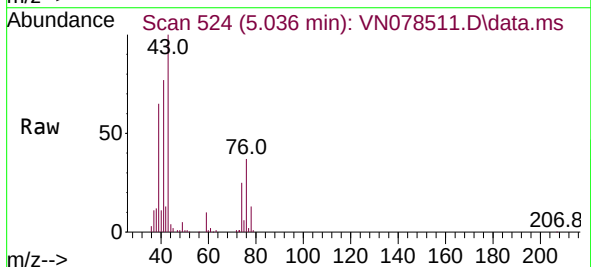
Manual Integrations
APPROVED

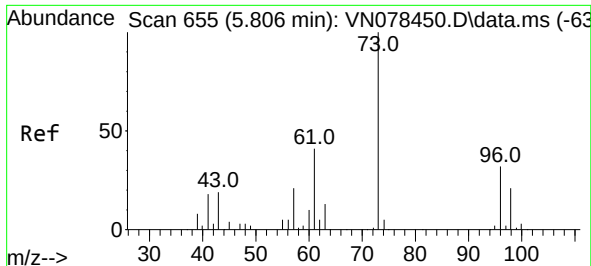
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
Methyl Acetate
Concen: 20.244 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Tgt Ion: 43 Resp: 160684
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4





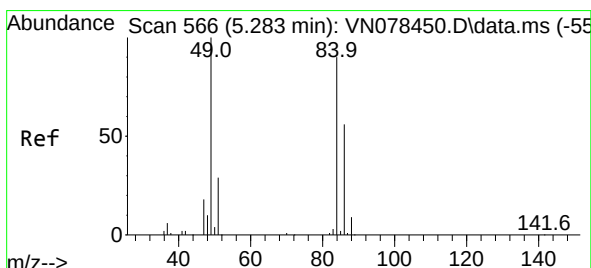
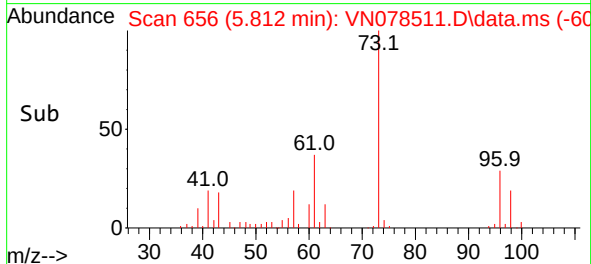
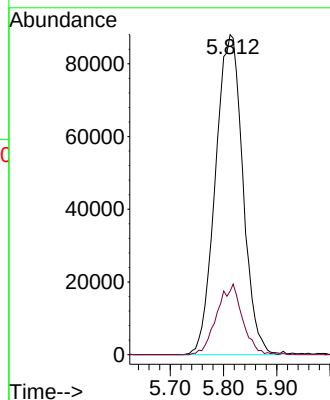
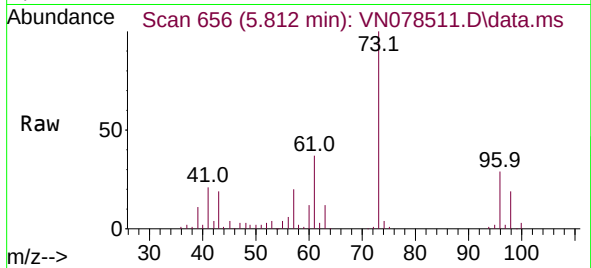
#19
Methyl tert-butyl Ether
Concen: 20.158 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01

Tgt Ion: 73 Resp: 314674
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

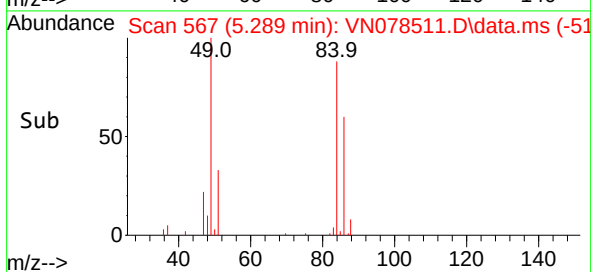
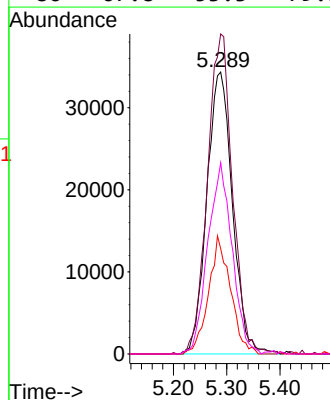
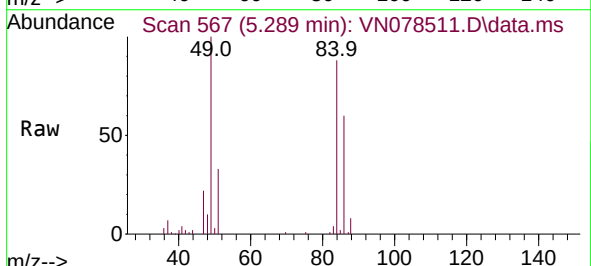
Manual Integrations
APPROVED

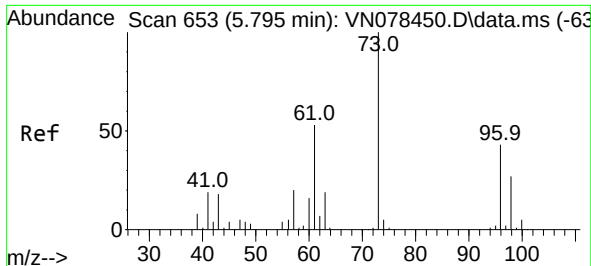
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 20.639 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

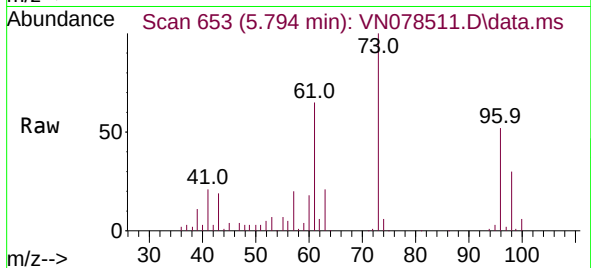
Tgt Ion: 84 Resp: 114862
Ion Ratio Lower Upper
84 100
49 113.5 79.7 119.5
51 37.3 25.2 37.8
86 67.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.663 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

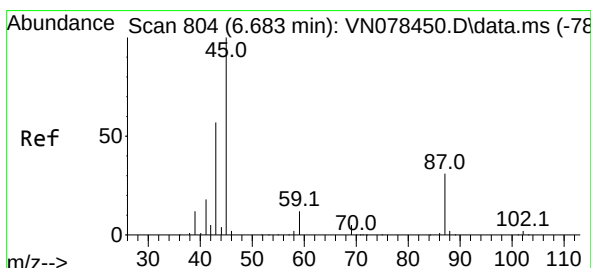
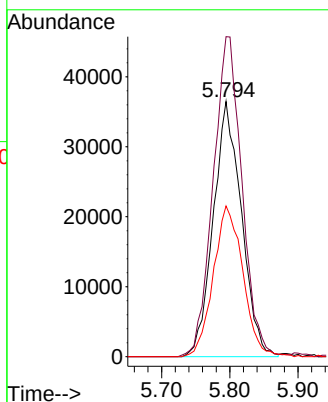
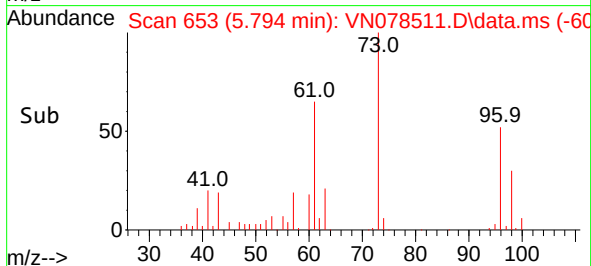
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



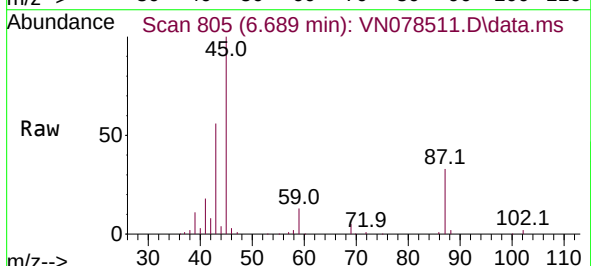
Tgt Ion: 96 Resp: 10497
Ion Ratio Lower Upper
96 100
61 125.4 90.1 135.1
98 59.1 46.4 69.6

Manual Integrations
APPROVED

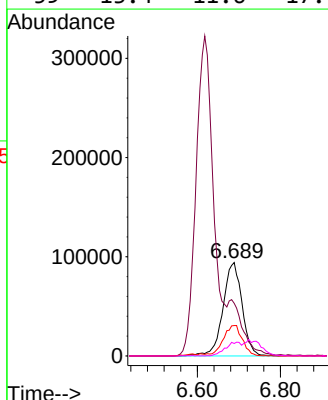
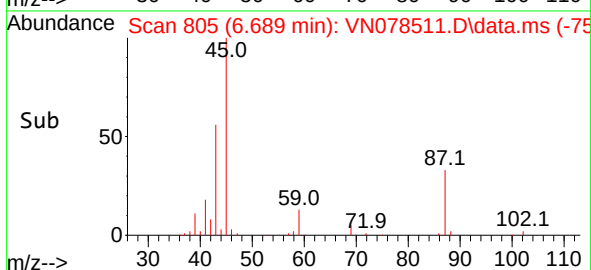
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

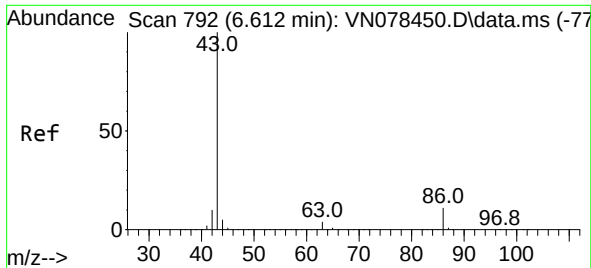


#22
Diisopropyl ether
Concen: 20.746 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



Tgt Ion: 45 Resp: 300736
Ion Ratio Lower Upper
45 100
43 55.8 45.5 68.3
87 32.5 31.8 47.8
59 13.4 11.6 17.4





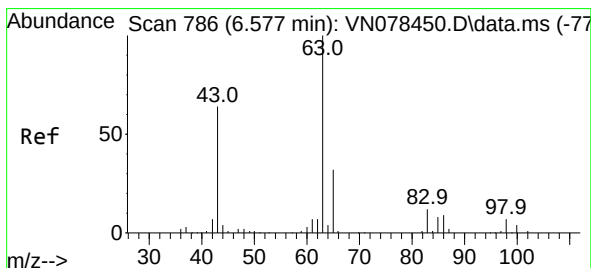
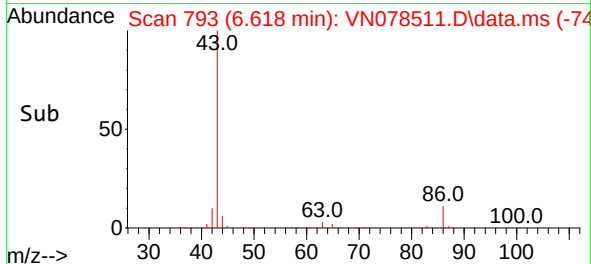
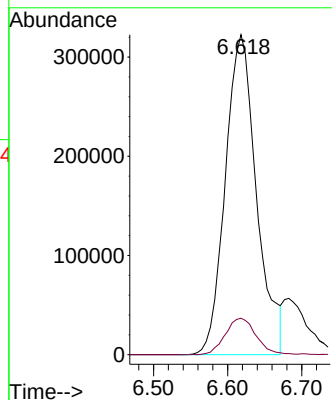
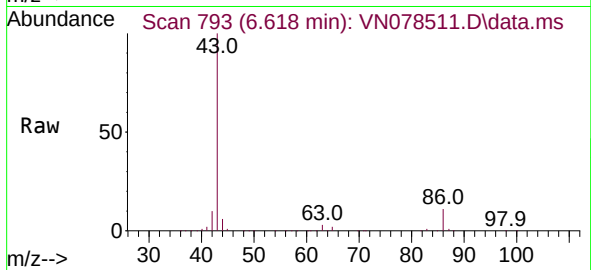
#23
 Vinyl Acetate
 Concen: 102.375 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078511.D
 Acq: 14 Jul 2023 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS01

Tgt Ion: 43 Resp: 94344
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6

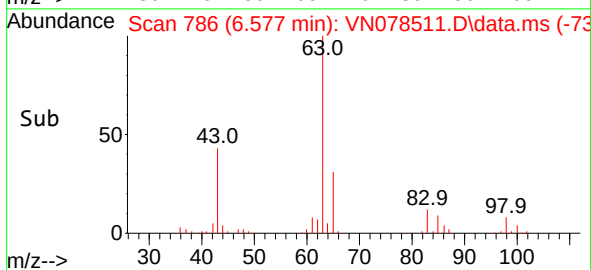
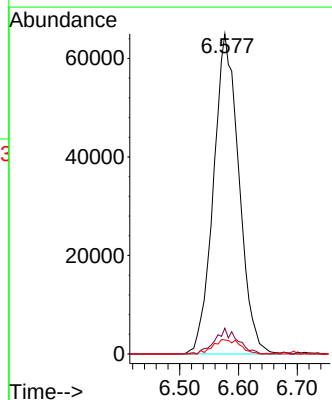
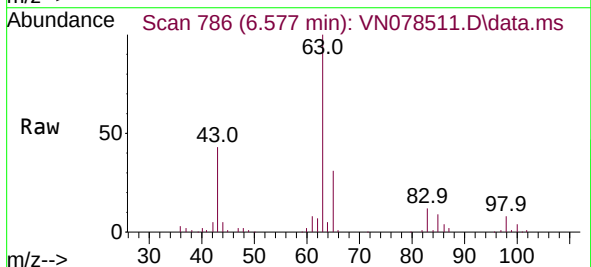
Manual Integrations
 APPROVED

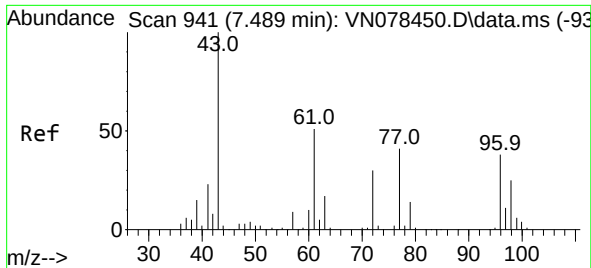
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 20.004 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078511.D
 Acq: 14 Jul 2023 10:34

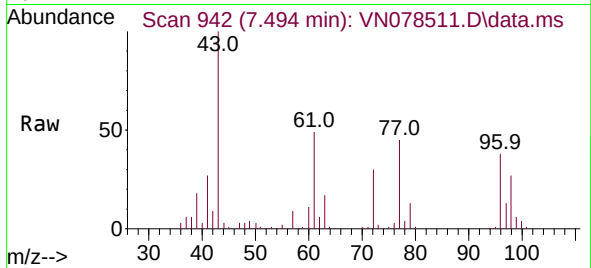
Tgt Ion: 63 Resp: 195397
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 107.427 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

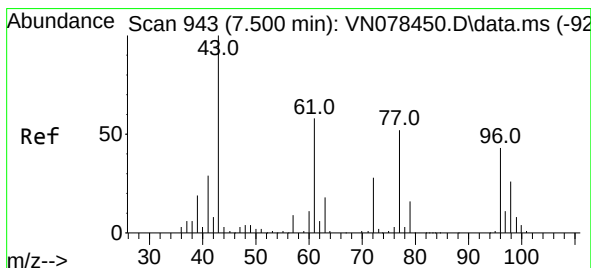
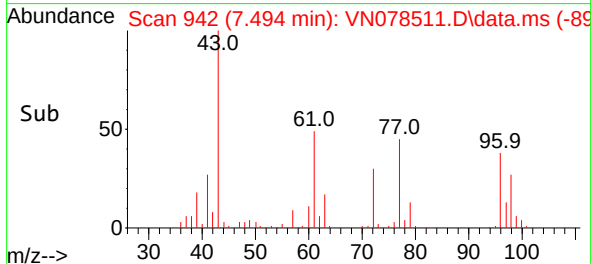
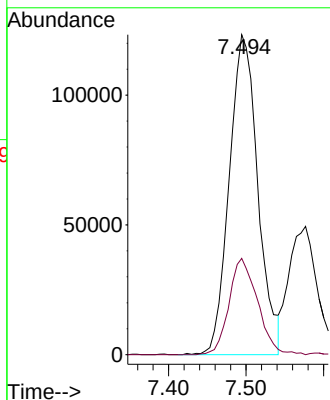
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 43 Resp: 317074
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

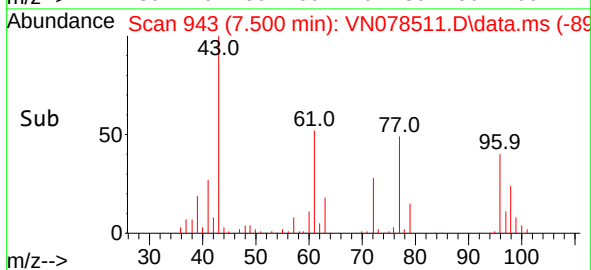
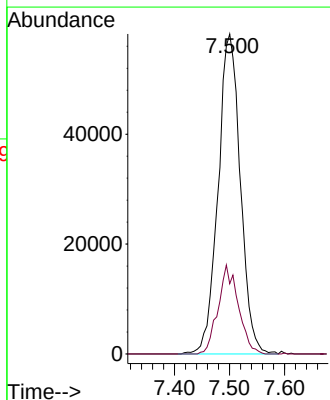
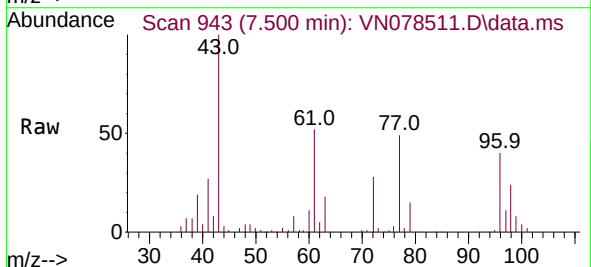
Manual Integrations
APPROVED

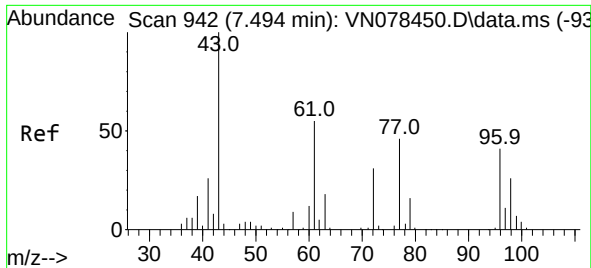
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#26
2,2-Dichloropropane
Concen: 20.494 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

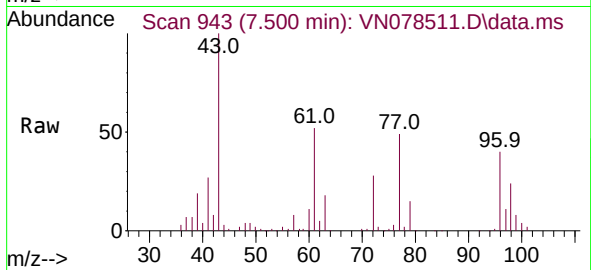
Tgt Ion: 77 Resp: 163727
Ion Ratio Lower Upper
77 100
97 25.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.778 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078511.D
 Acq: 14 Jul 2023 10:34

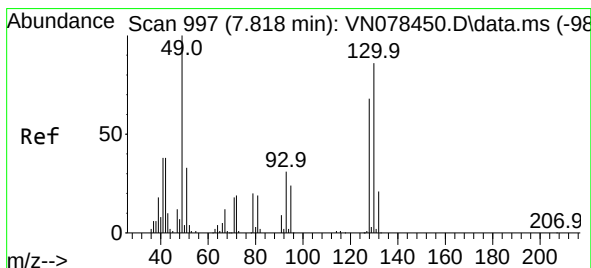
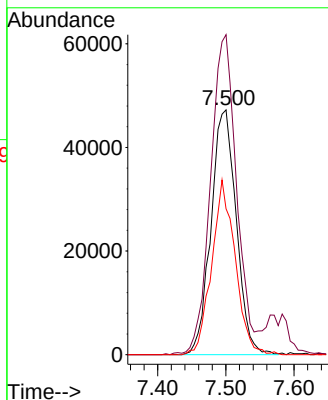
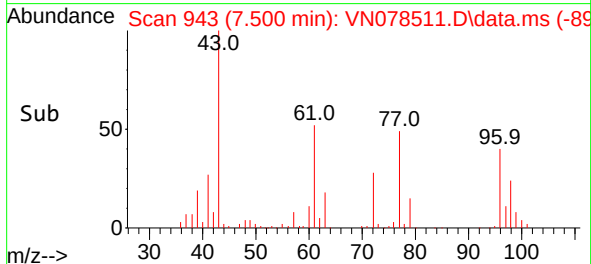
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS01



Tgt Ion: 96 Resp: 12215
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 255.2
 98 66.3 0.0 128.8

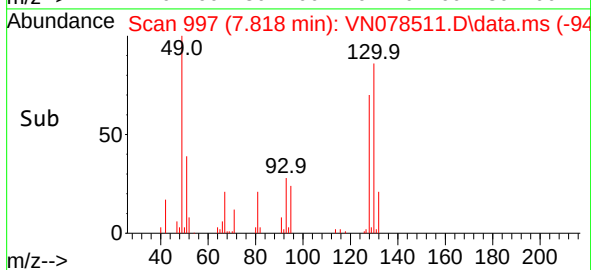
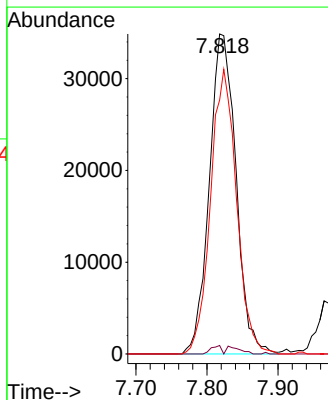
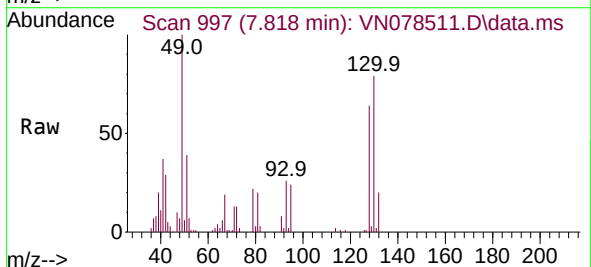
Manual Integrations
 APPROVED

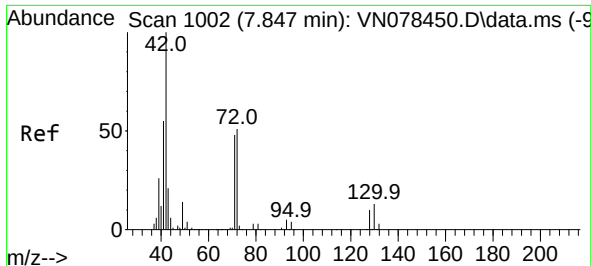
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#28
 Bromochloromethane
 Concen: 19.745 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078511.D
 Acq: 14 Jul 2023 10:34

Tgt Ion: 49 Resp: 90840
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 0.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 100.323 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS01

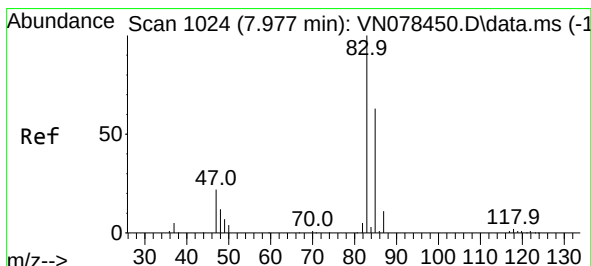
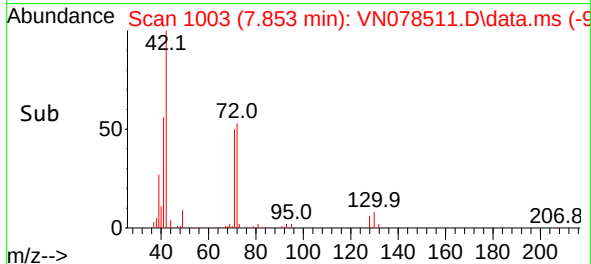
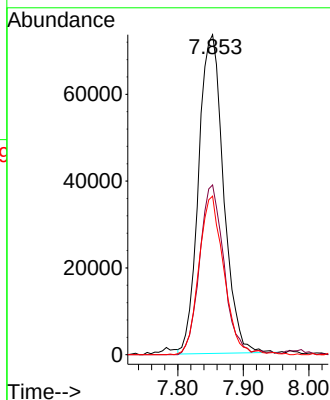
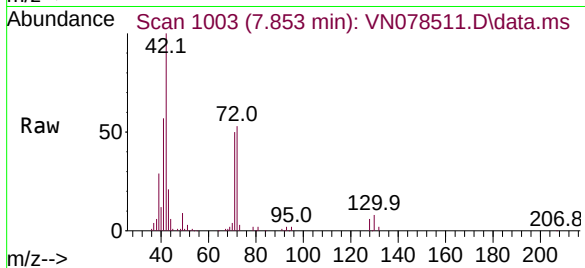
Tgt Ion: 42 Resp: 194290
 Ion Ratio Lower Upper
 42 100
 72 52.4 49.8 74.6
 71 49.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 21.289 ug/l

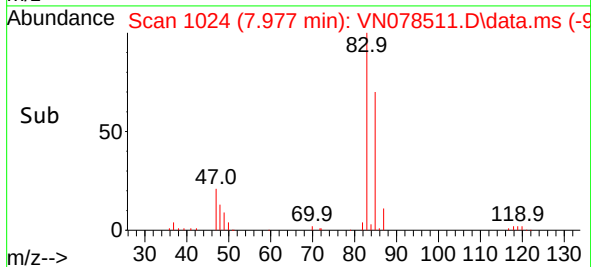
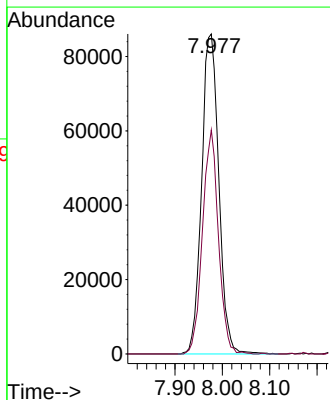
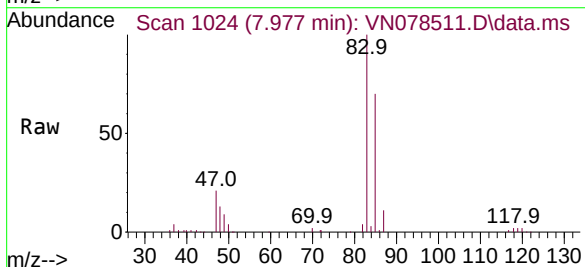
RT: 7.977 min Scan# 1024

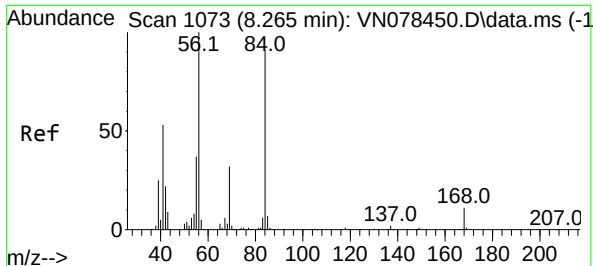
Delta R.T. -0.000 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

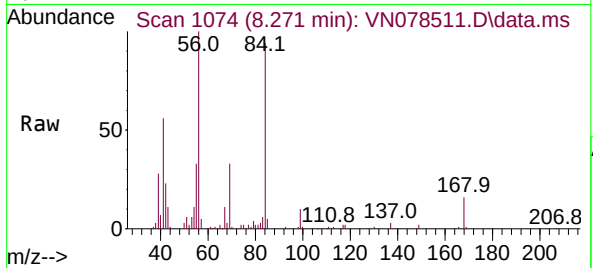
Tgt Ion: 83 Resp: 216497
 Ion Ratio Lower Upper
 83 100
 85 70.0 55.4 83.0





#31
Cyclohexane
Concen: 19.088 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

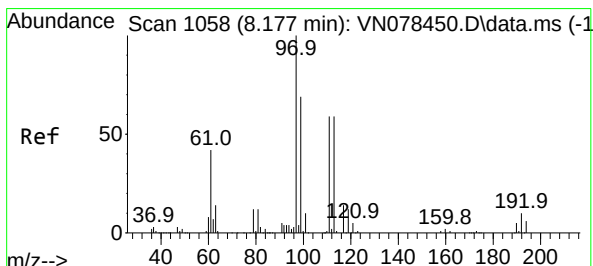
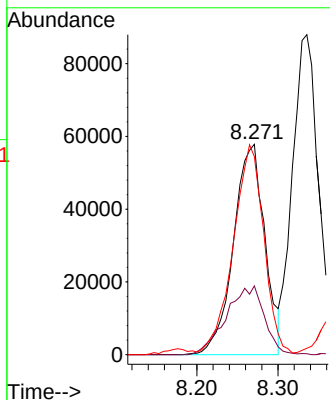
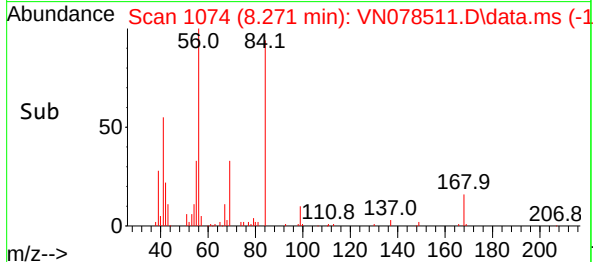
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 56 Resp: 15528
Ion Ratio Lower Upper
56 100
69 32.7 26.8 40.2
84 91.3 81.8 122.6

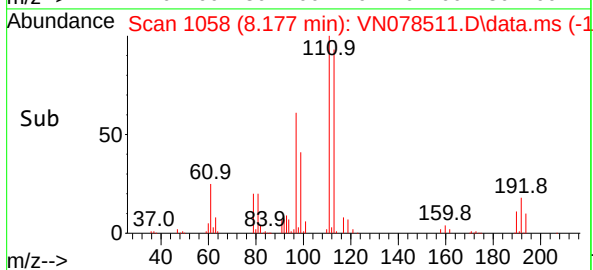
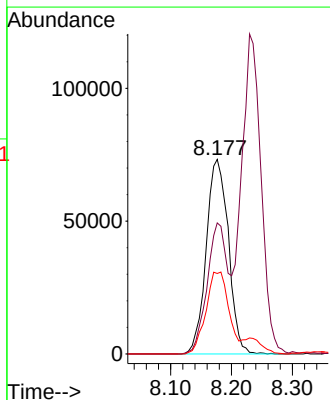
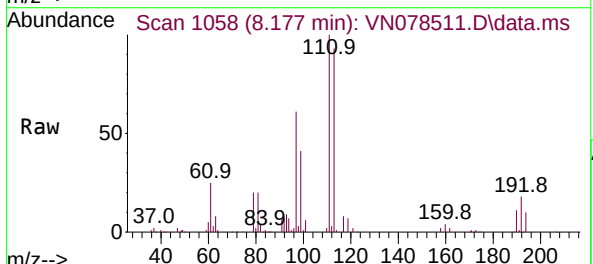
Manual Integrations
APPROVED

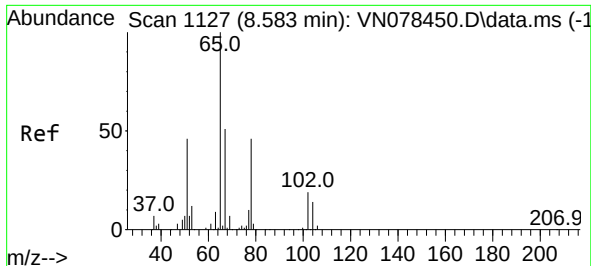
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#32
1,1,1-Trichloroethane
Concen: 20.296 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Tgt Ion: 97 Resp: 185049
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.994 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS01

Tgt Ion: 65 Resp: 312970

Ion Ratio Lower Upper

65 100

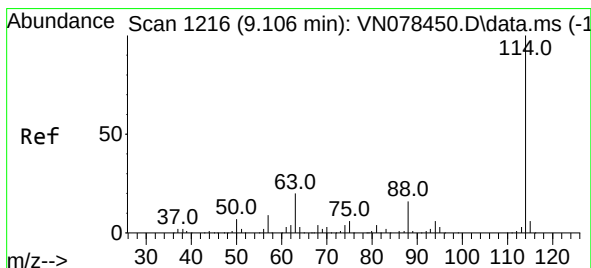
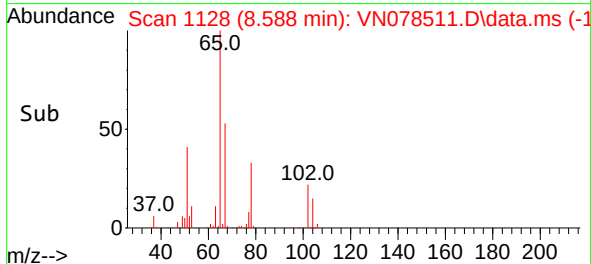
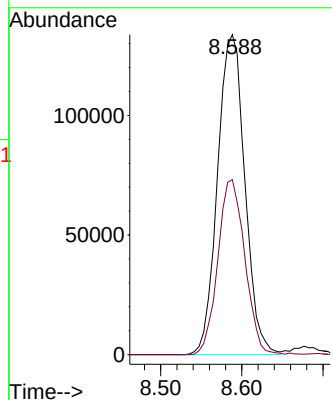
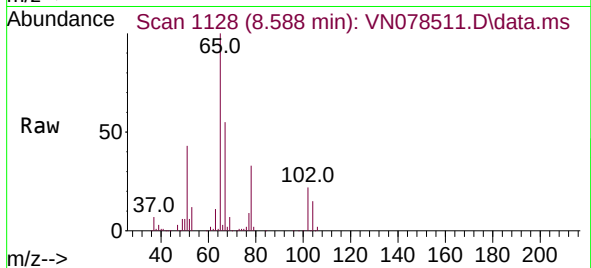
67 54.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

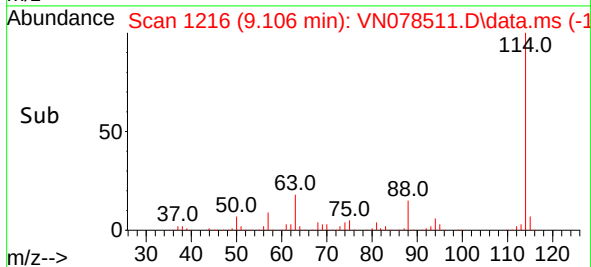
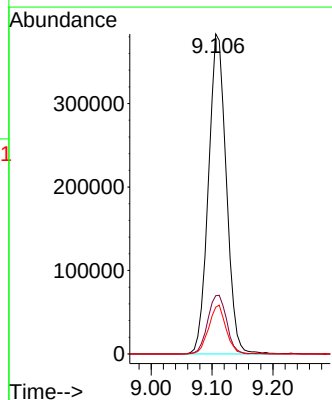
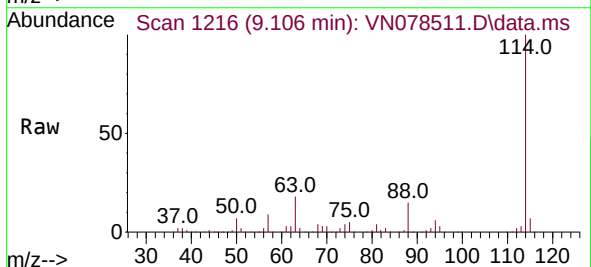
Tgt Ion:114 Resp: 779605

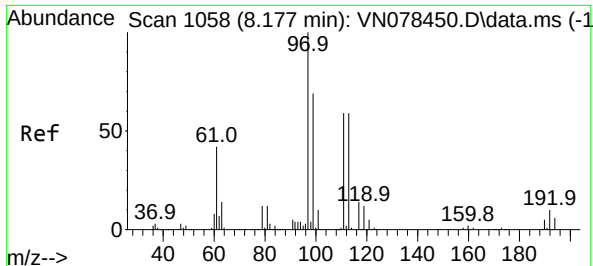
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.539 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS01

Tgt Ion: 113 Resp: 272750

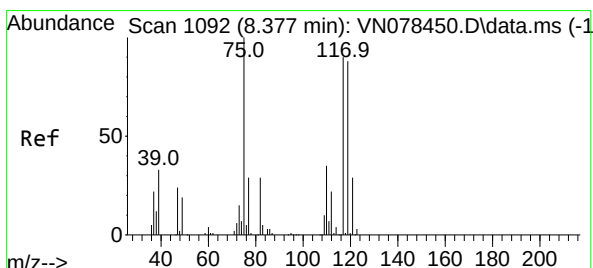
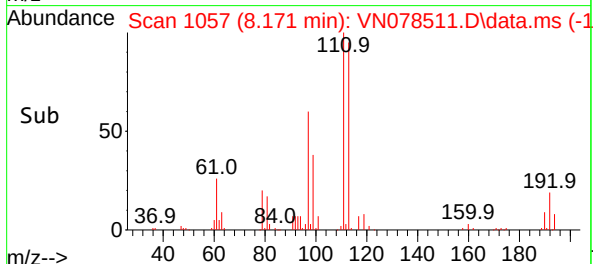
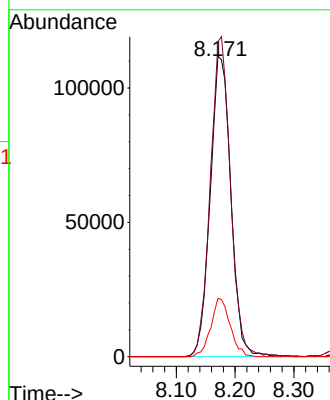
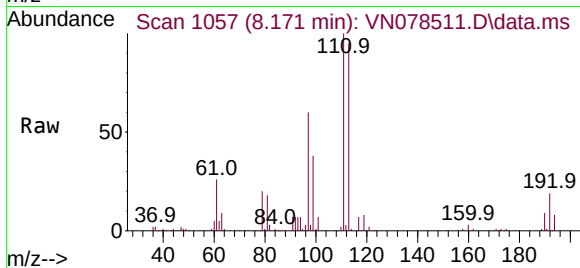
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	18.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/17/2023

Supervised By : Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 20.295 ug/l

RT: 8.377 min Scan# 1092

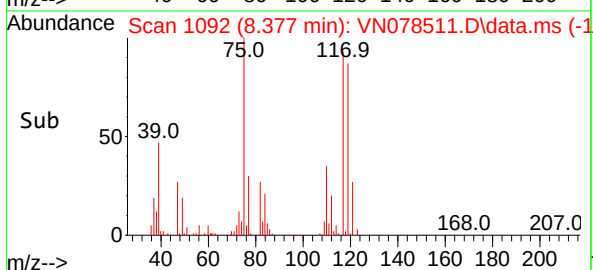
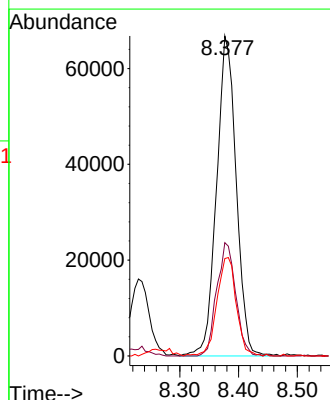
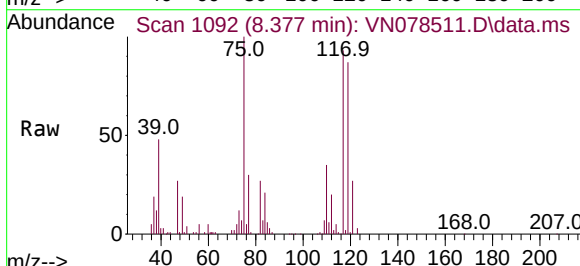
Delta R.T. -0.000 min

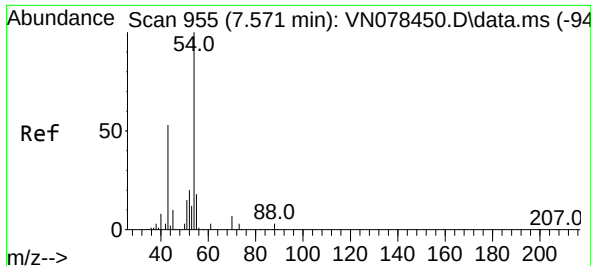
Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Tgt Ion: 75 Resp: 155087

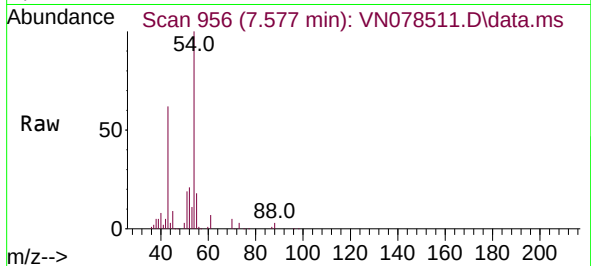
Ion	Ratio	Lower	Upper
75	100		
110	34.3	19.1	57.3
77	30.4	25.0	37.4





#37
Ethyl Acetate
Concen: 19.991 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

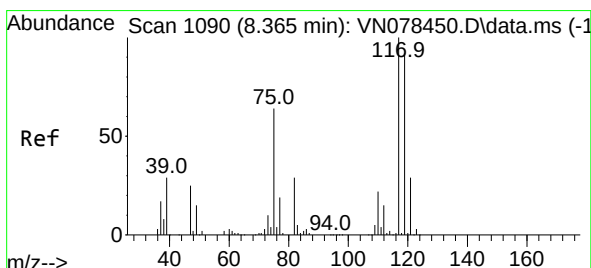
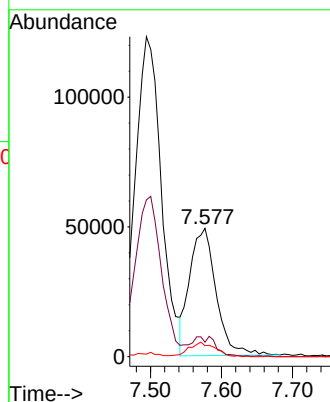
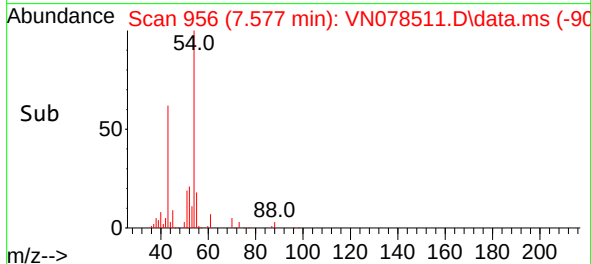
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 43 Resp: 127345
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 11.3 11.3 16.9

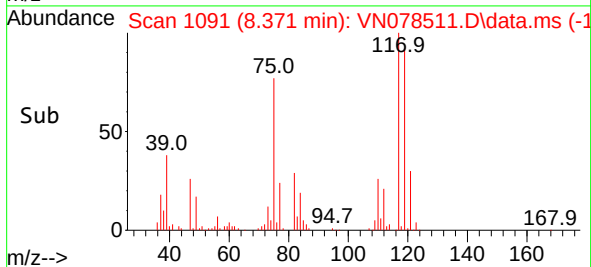
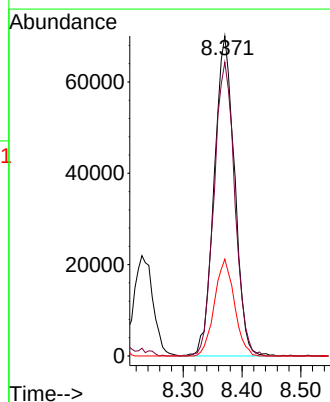
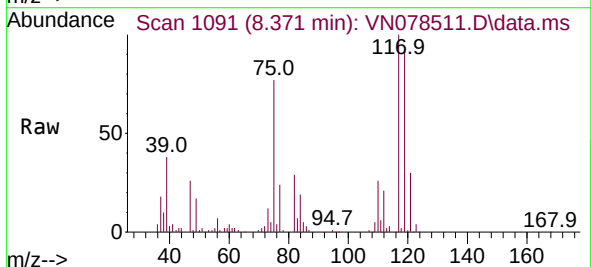
Manual Integrations
APPROVED

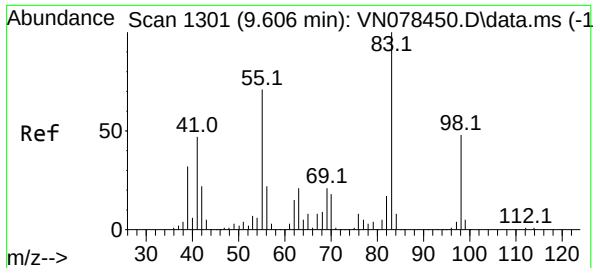
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Carbon Tetrachloride
Concen: 20.274 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Tgt Ion:117 Resp: 168378
Ion Ratio Lower Upper
117 100
119 91.8 77.3 115.9
121 30.3 23.3 34.9





#39

Methylcyclohexane

Concen: 19.717 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS01

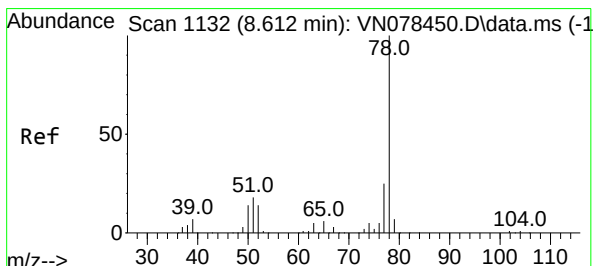
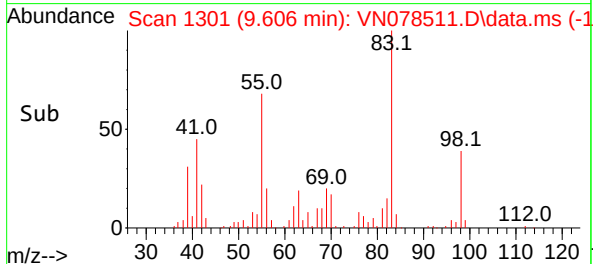
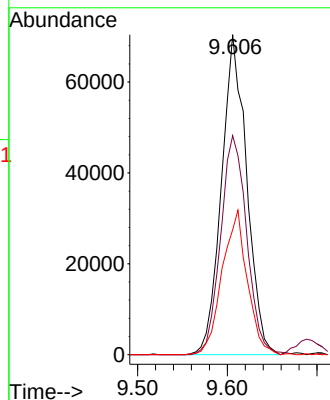
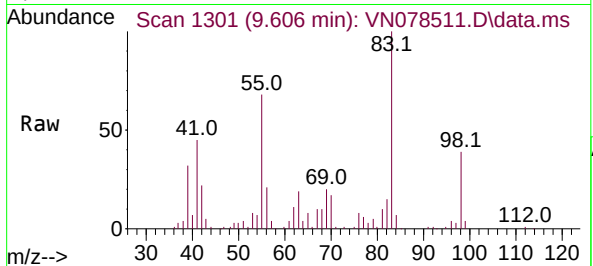
Tgt Ion: 83 Resp: 137529
 Ion Ratio Lower Upper
 83 100
 55 68.5 49.1 73.7
 98 39.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

Benzene

Concen: 20.556 ug/l

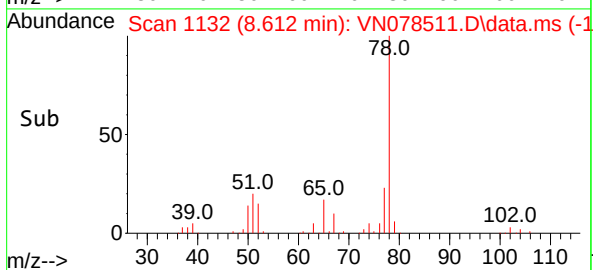
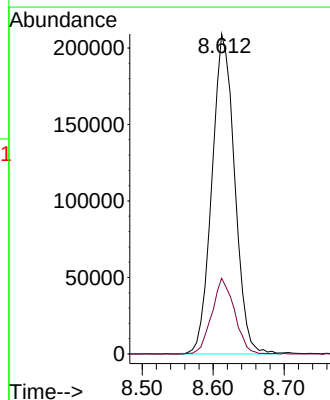
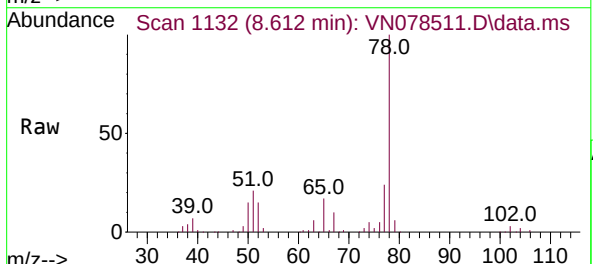
RT: 8.612 min Scan# 1132

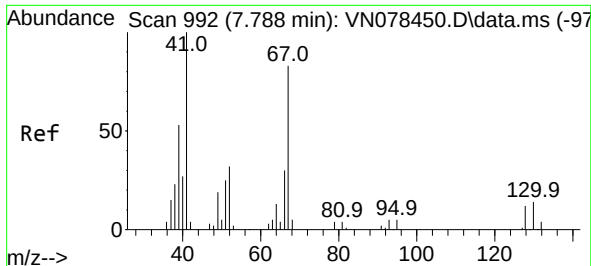
Delta R.T. -0.000 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

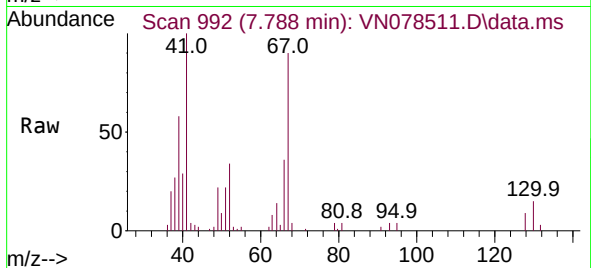
Tgt Ion: 78 Resp: 465357
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 19.449 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

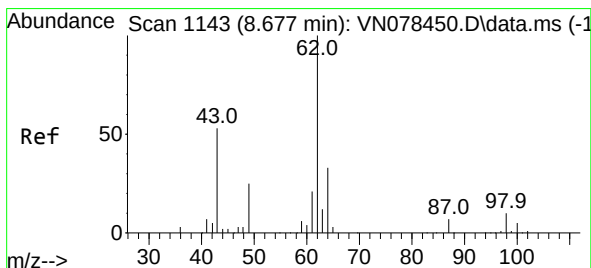
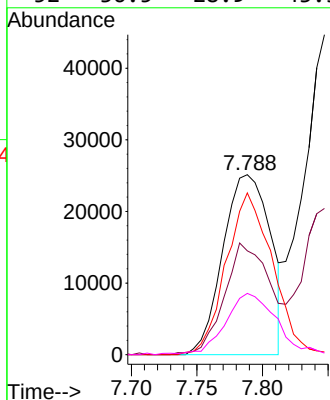
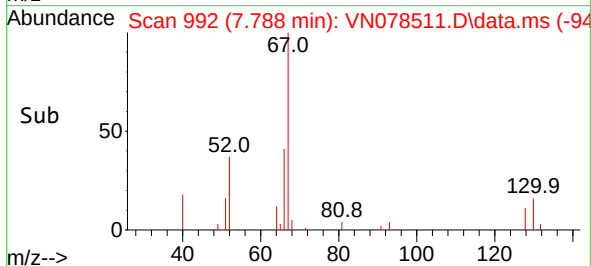
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion:	41	Resp:	6315
Ion Ratio	Lower	Upper	
41	100		
39	61.7	42.6	64.0
67	88.2	77.5	116.3
52	36.5	28.9	43.3

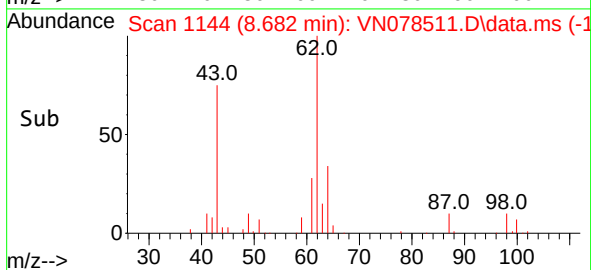
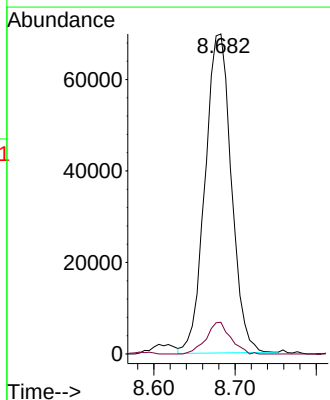
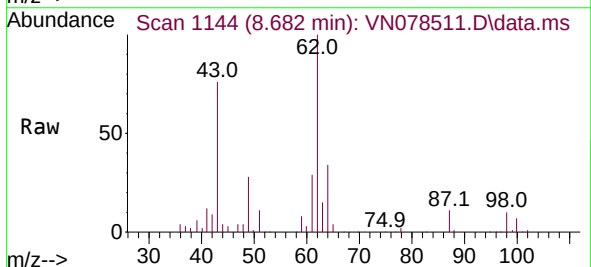
Manual Integrations
APPROVED

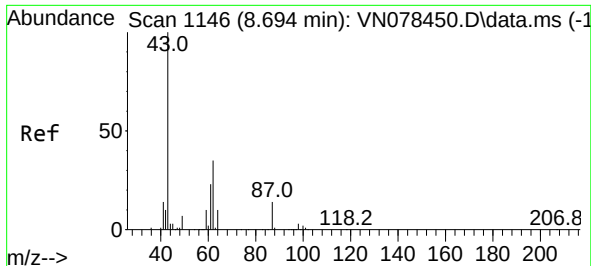
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
1,2-Dichloroethane
Concen: 20.360 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

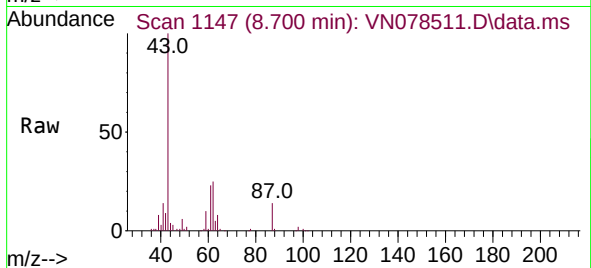
Tgt Ion:	62	Resp:	156775
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	19.8





#43
Isopropyl Acetate
Concen: 20.671 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

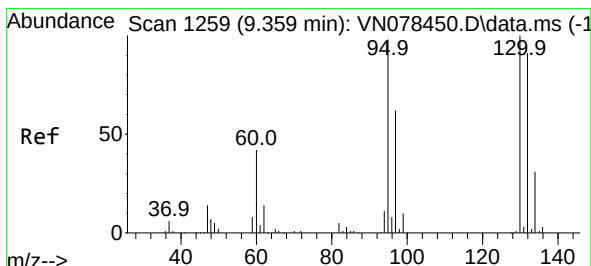
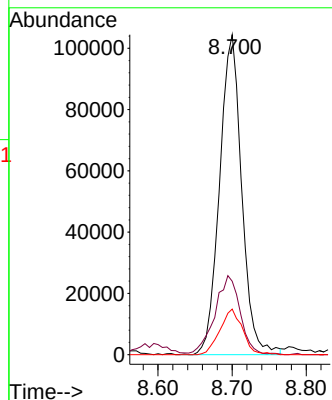
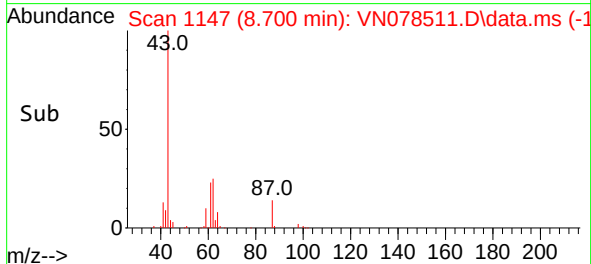
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 43 Resp: 216780
Ion Ratio Lower Upper
43 100
61 27.1 24.7 37.1
87 14.6 14.6 21.8

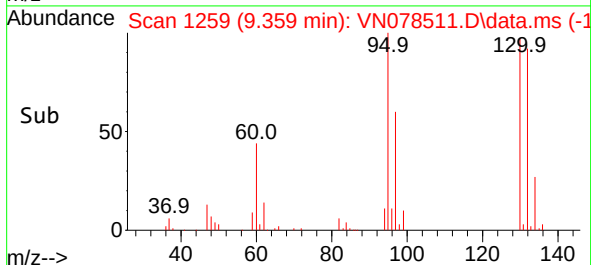
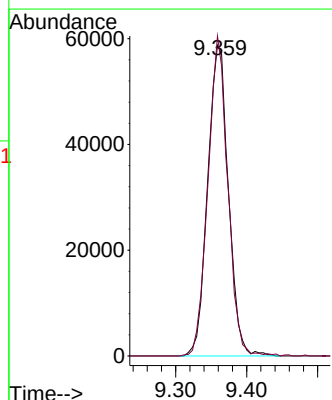
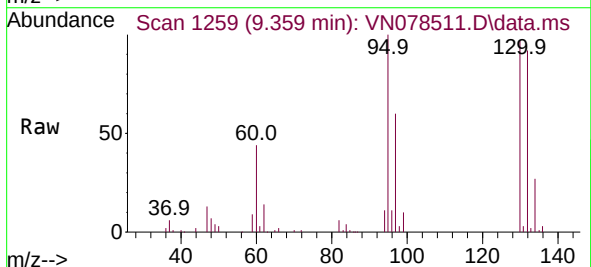
Manual Integrations
APPROVED

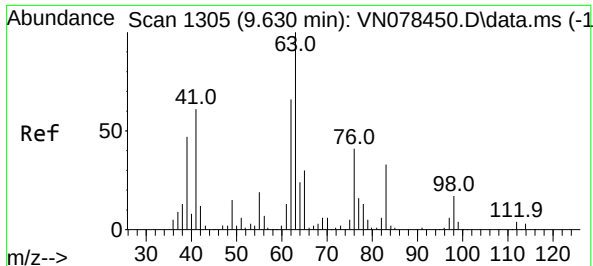
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
Trichloroethene
Concen: 19.571 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

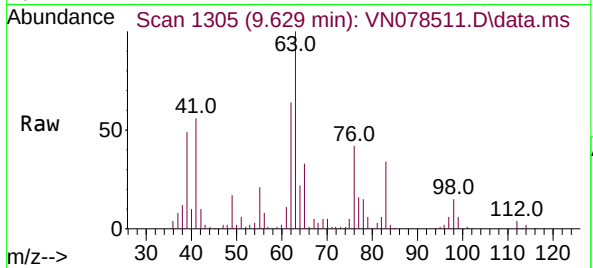
Tgt Ion:130 Resp: 119411
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.6





#45
1,2-Dichloropropane
Concen: 20.502 ug/l
RT: 9.629 min Scan# 117552
Delta R.T. -0.001 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

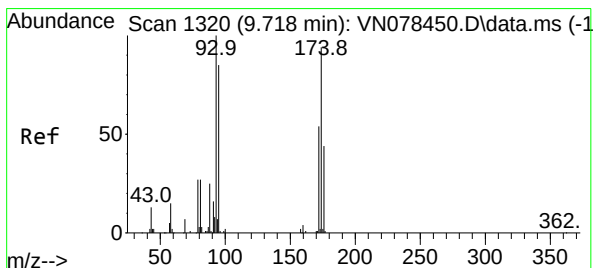
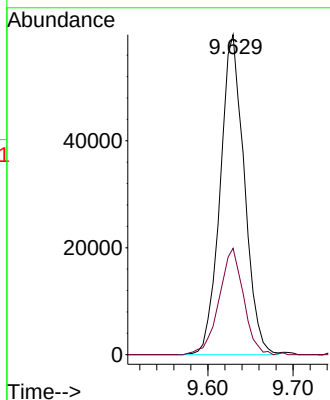
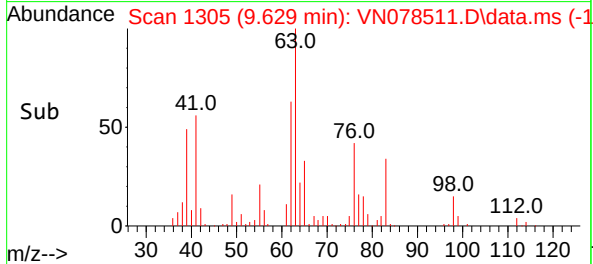
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



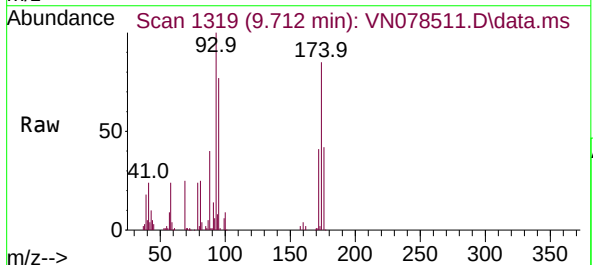
Tgt Ion: 63 Resp: 117552
Ion Ratio Lower Upper
63 100
65 33.2 23.9 35.9

Manual Integrations
APPROVED

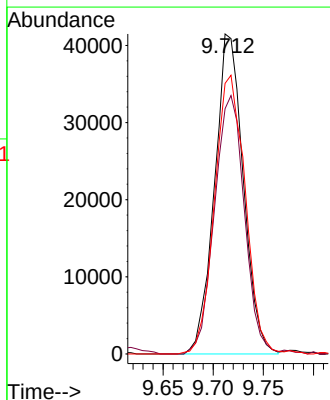
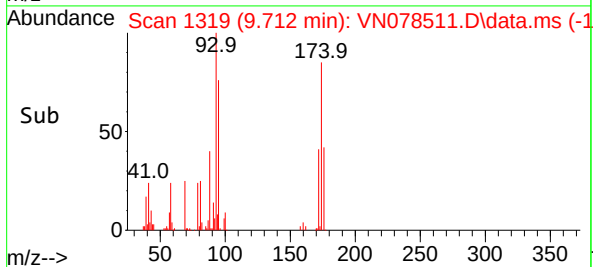
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

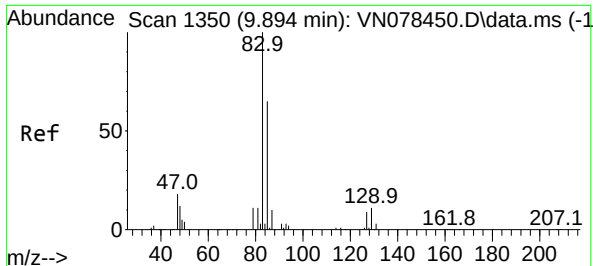


#46
Dibromomethane
Concen: 20.473 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



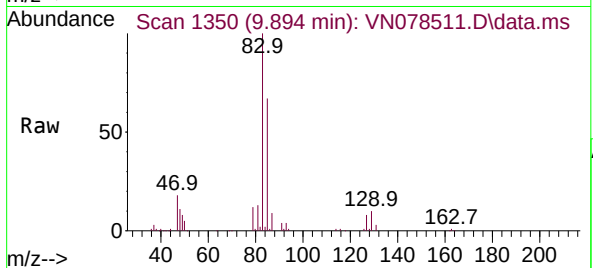
Tgt Ion: 93 Resp: 82619
Ion Ratio Lower Upper
93 100
95 84.5 63.8 95.8
174 92.9 65.6 98.4





#47
Bromodichloromethane
Concen: 20.587 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

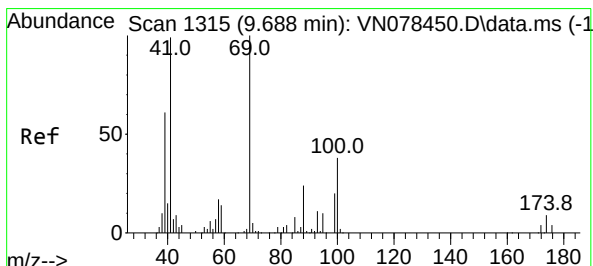
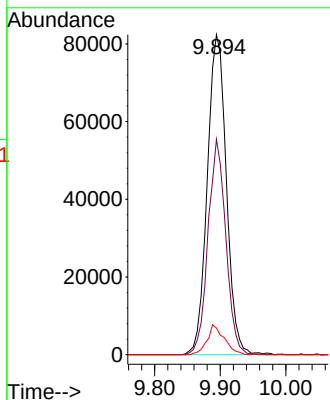
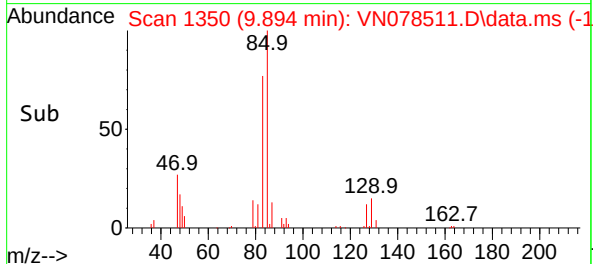
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 83 Resp: 16654
Ion Ratio Lower Upper
83 100
85 67.3 49.6 74.4
127 8.3 7.0 10.6

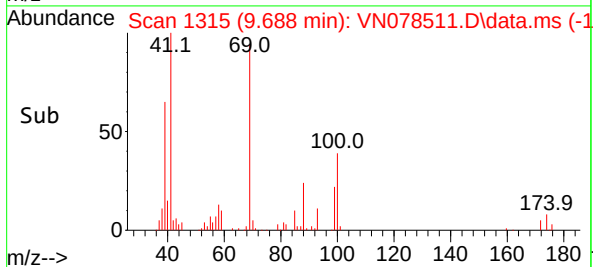
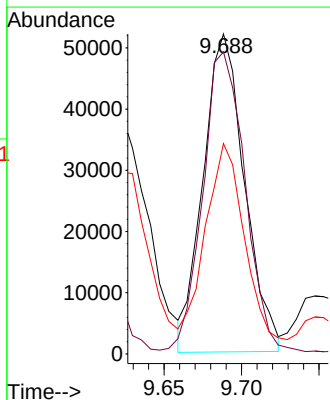
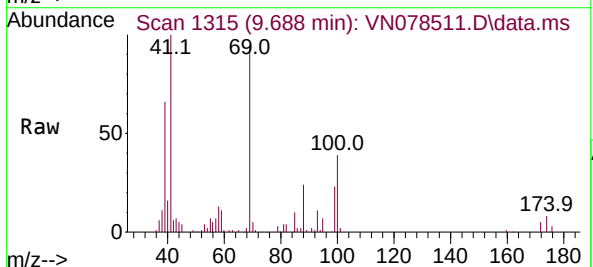
Manual Integrations
APPROVED

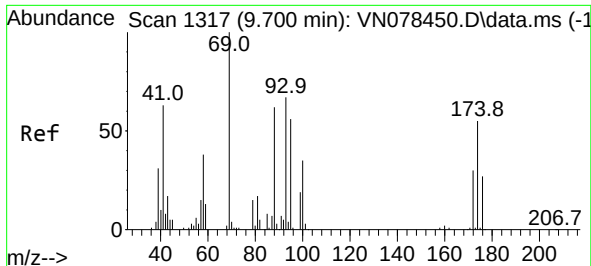
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#48
Methyl methacrylate
Concen: 19.860 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Tgt Ion: 41 Resp: 96495
Ion Ratio Lower Upper
41 100
69 99.0 90.4 135.6
39 66.4 54.6 81.8





#49

1,4-Dioxane

Concen: 406.813 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078511.D

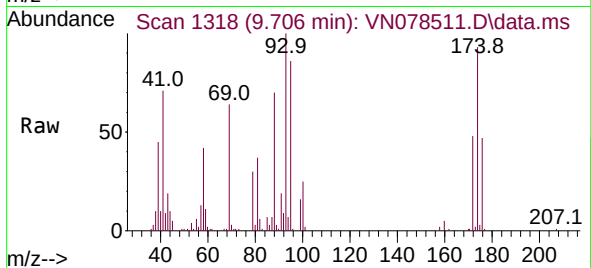
Acq: 14 Jul 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS01



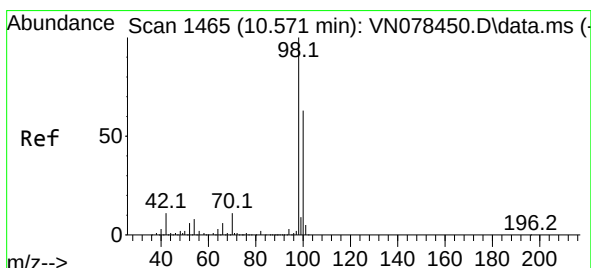
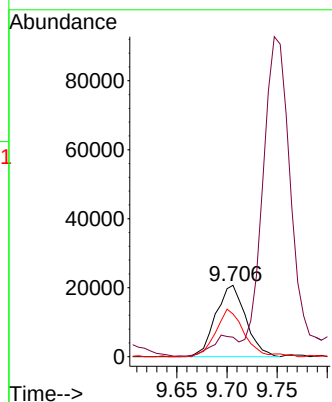
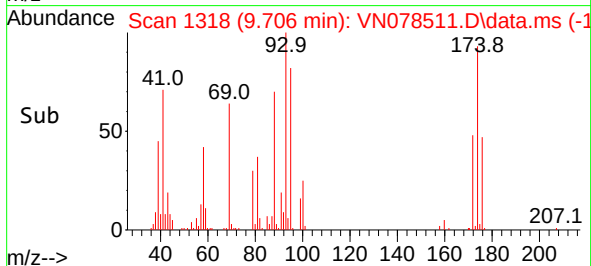
Tgt Ion:	88	Resp:	43100
Ion Ratio	Lower	Upper	
88	100		
43	24.4	17.0	25.6
58	63.2	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#50

Toluene-d8

Concen: 51.076 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078511.D

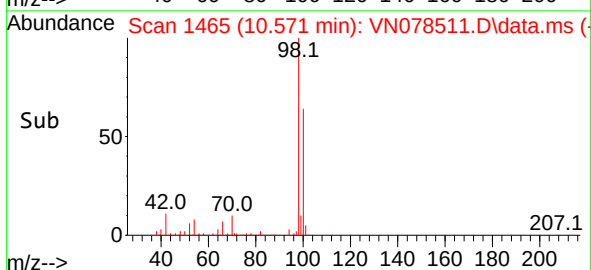
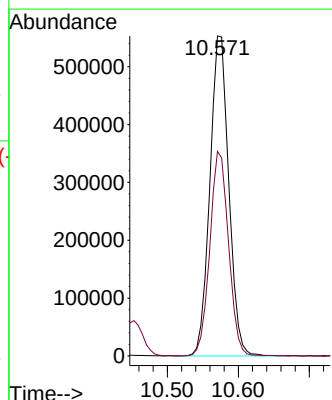
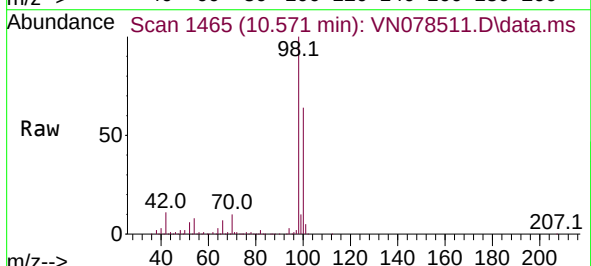
Acq: 14 Jul 2023 10:34

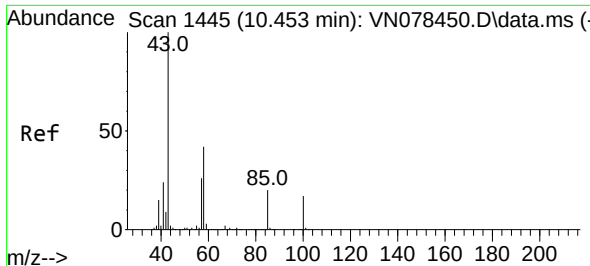
Tgt Ion: 98 Resp: 1021138

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0





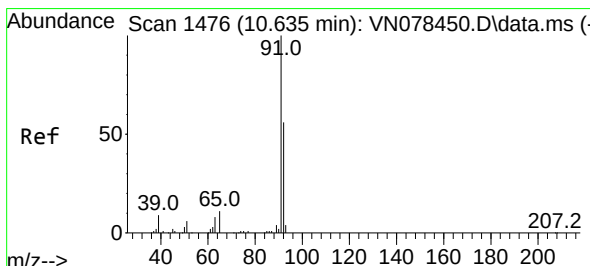
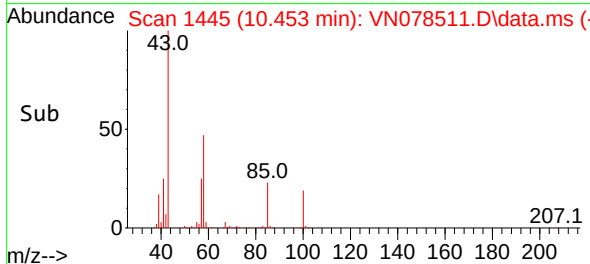
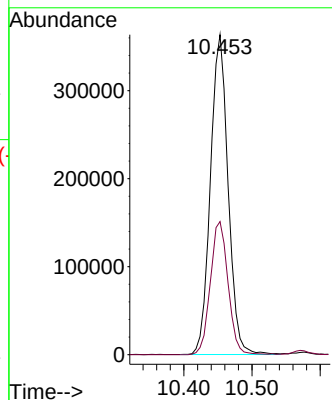
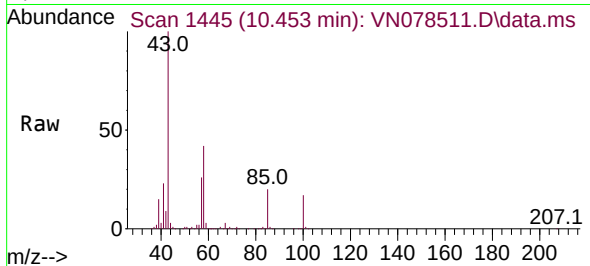
#51
4-Methyl-2-Pentanone
Concen: 105.280 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01

Tgt Ion: 43 Resp: 65674
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

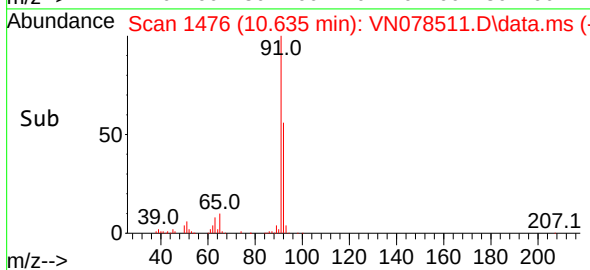
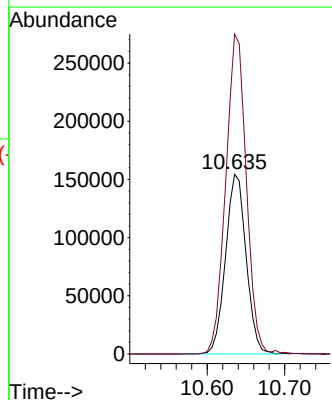
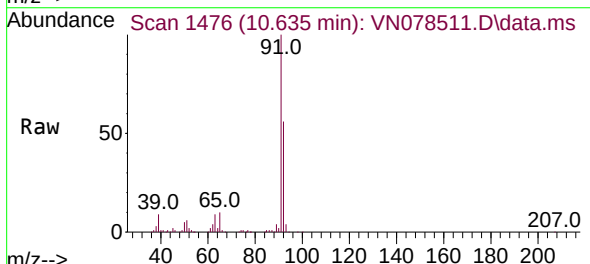
Manual Integrations
APPROVED

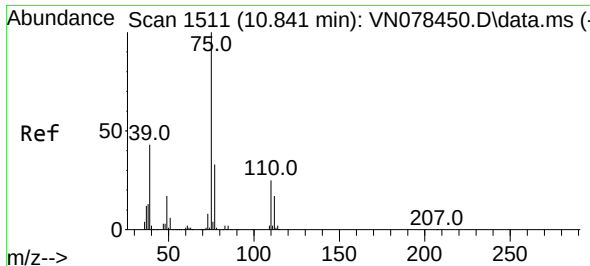
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Toluene
Concen: 20.340 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

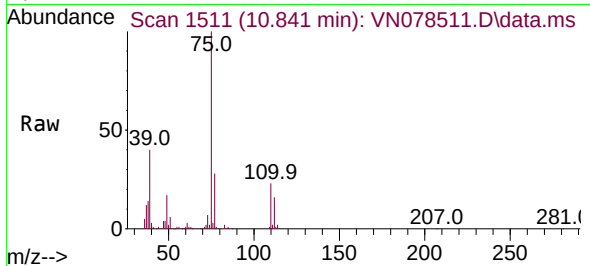
Tgt Ion: 92 Resp: 285381
Ion Ratio Lower Upper
92 100
91 178.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.512 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

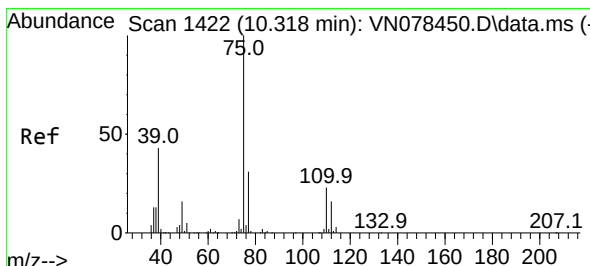
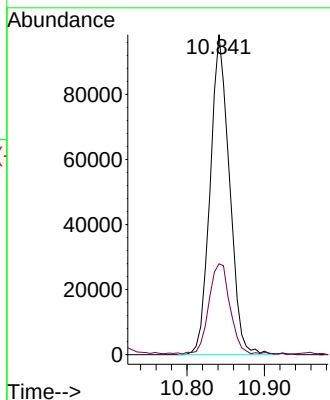
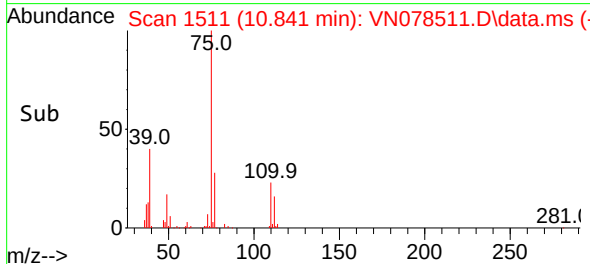
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



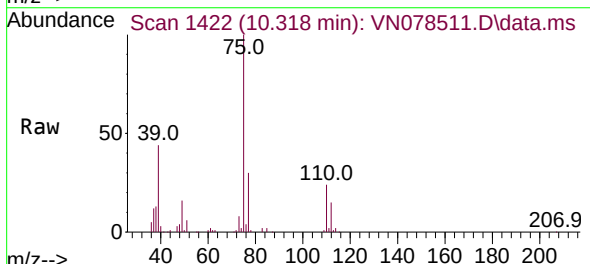
Tgt Ion: 75 Resp: 169999
Ion Ratio Lower Upper
75 100
77 28.2 25.4 38.0

Manual Integrations
APPROVED

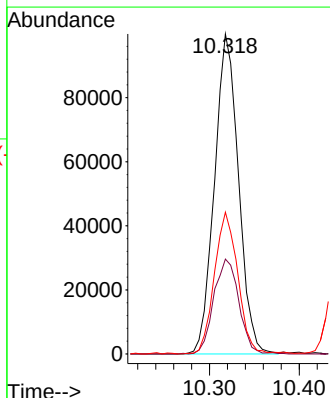
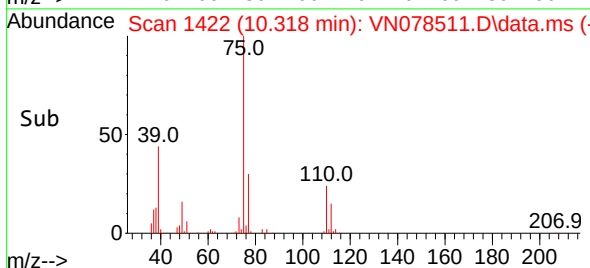
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

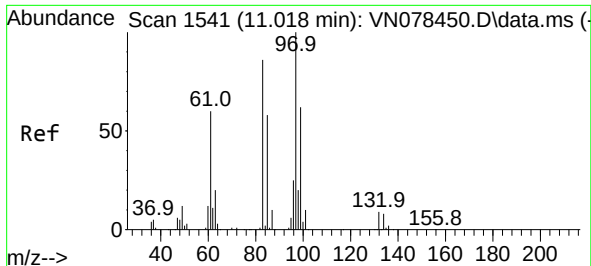


#54
cis-1,3-Dichloropropene
Concen: 21.017 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



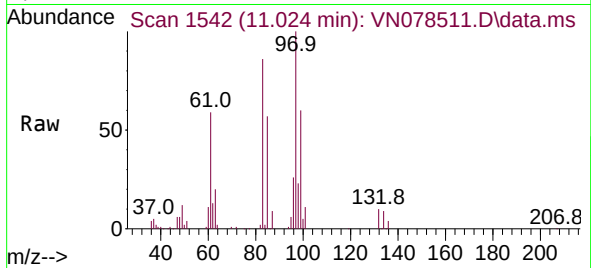
Tgt Ion: 75 Resp: 185661
Ion Ratio Lower Upper
75 100
77 29.6 26.1 39.1
39 44.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.338 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

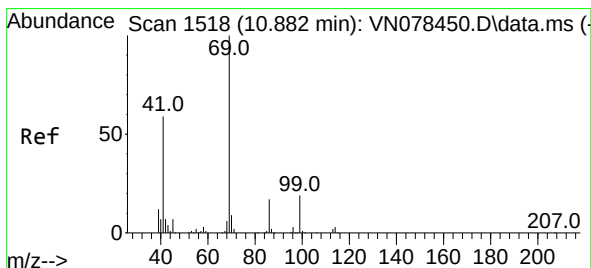
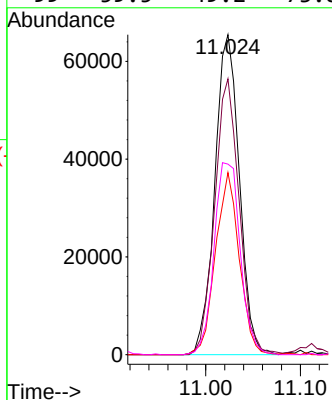
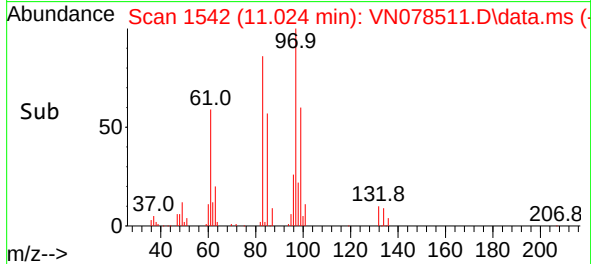
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



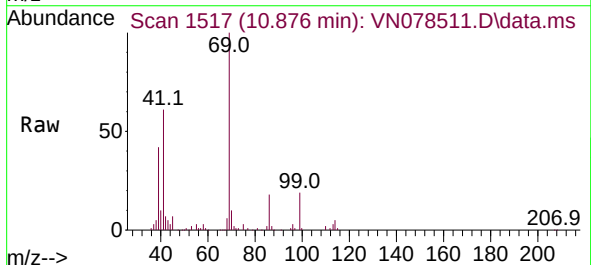
Tgt Ion: 97 Resp: 117958
Ion Ratio Lower Upper
97 100
83 86.2 65.1 97.7
85 56.9 43.4 65.2
99 59.5 49.2 73.8

Manual Integrations
APPROVED

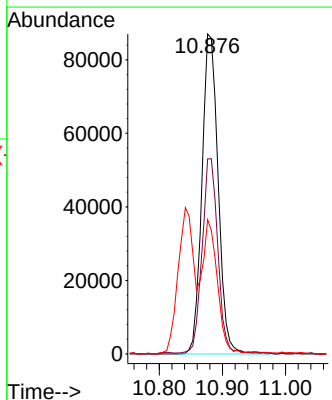
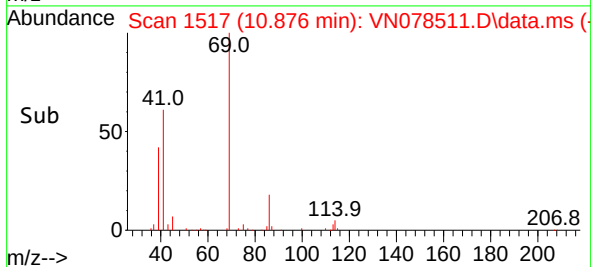
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

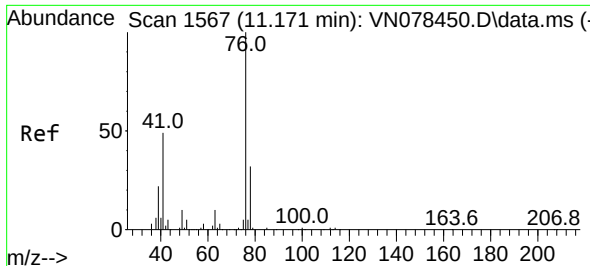


#56
Ethyl methacrylate
Concen: 20.080 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



Tgt Ion: 69 Resp: 155173
Ion Ratio Lower Upper
69 100
41 58.5 39.6 59.4
39 38.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.384 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS01

Tgt Ion: 76 Resp: 191598

Ion Ratio Lower Upper

76 100

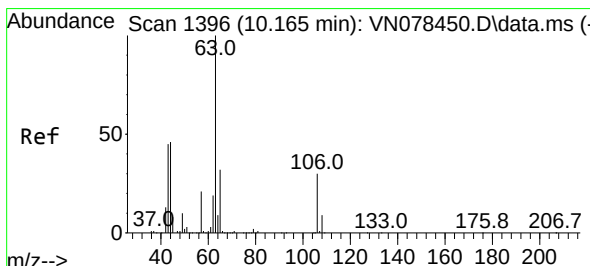
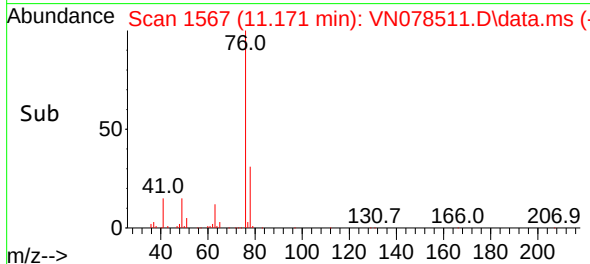
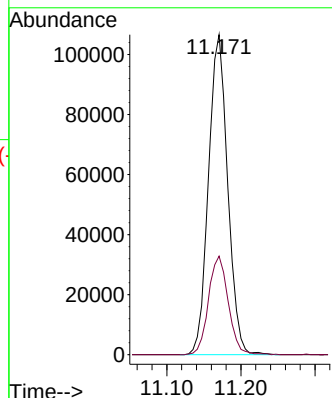
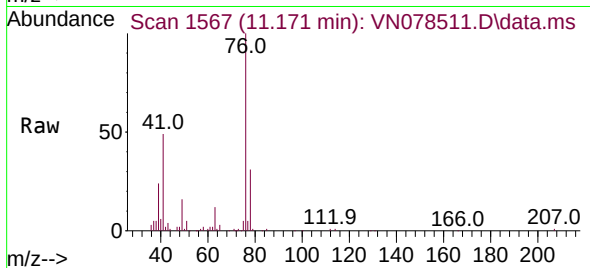
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.836 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078511.D

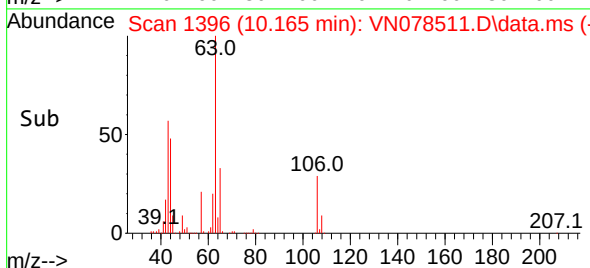
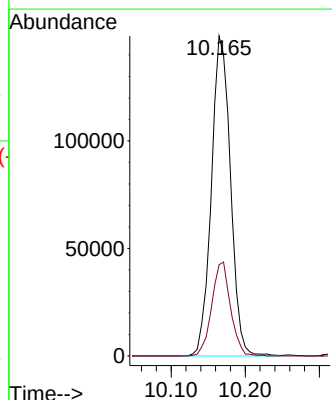
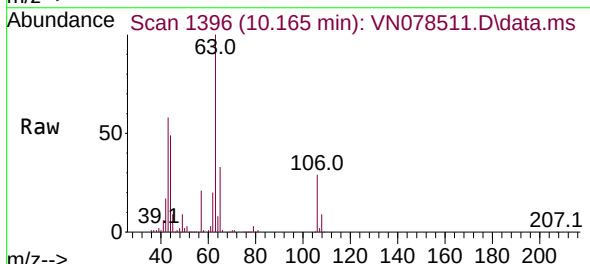
Acq: 14 Jul 2023 10:34

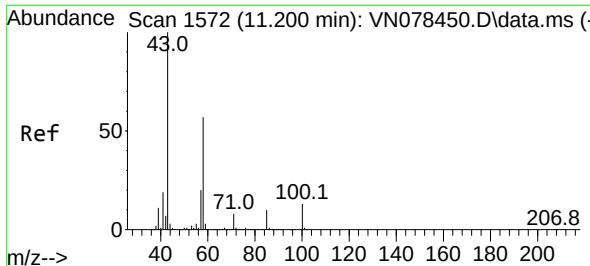
Tgt Ion: 63 Resp: 266678

Ion Ratio Lower Upper

63 100

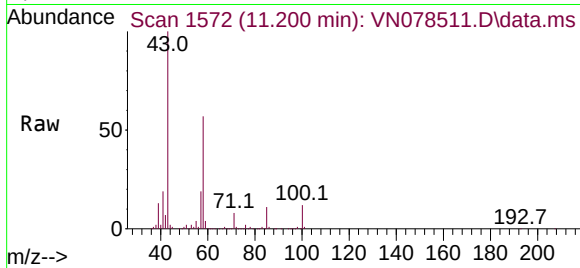
106 28.8 26.2 39.4





#59
2-Hexanone
Concen: 105.381 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

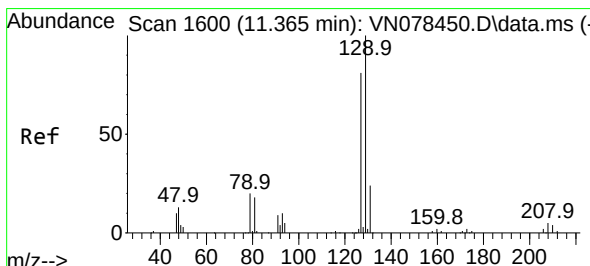
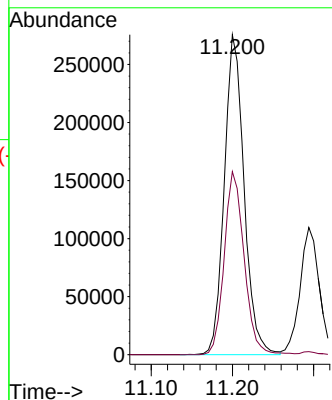
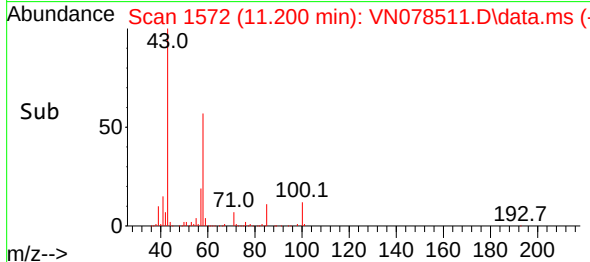
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 43 Resp: 467204
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1

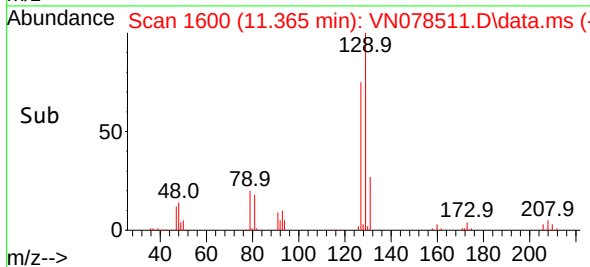
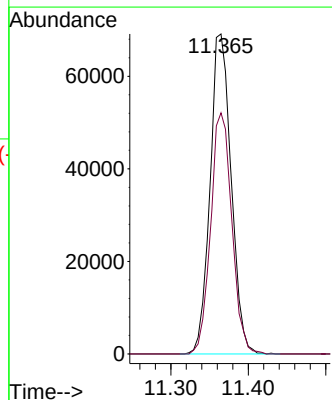
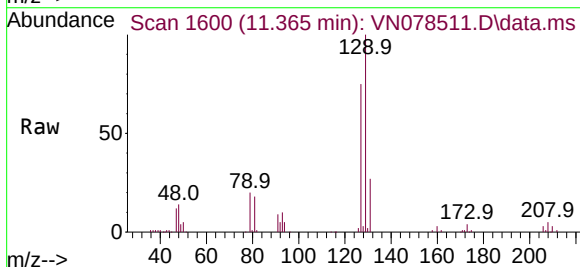
Manual Integrations
APPROVED

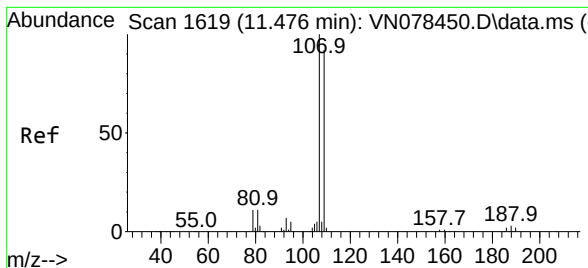
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 21.453 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

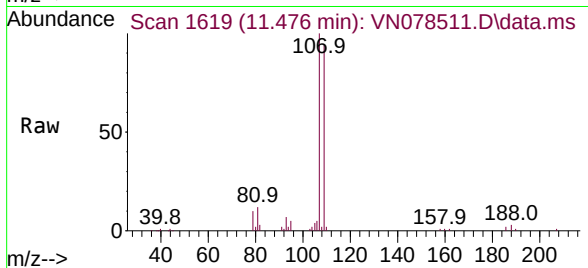
Tgt Ion:129 Resp: 130926
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.592 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

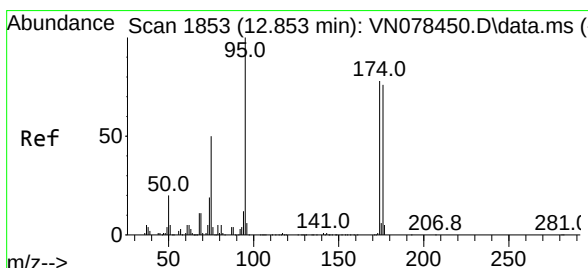
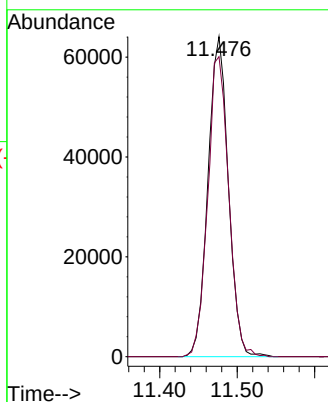
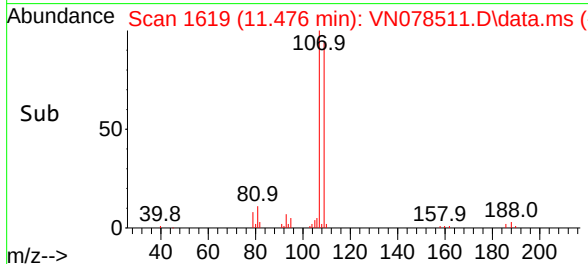
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



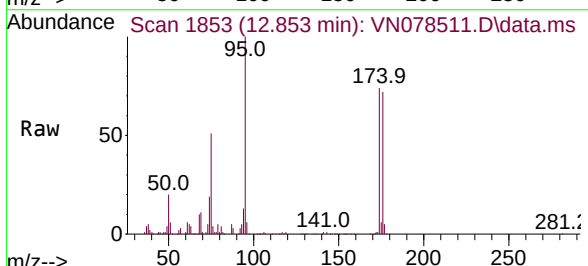
Tgt Ion:107 Resp: 11726
Ion Ratio Lower Upper
107 100
109 96.7 76.6 114.8

Manual Integrations
APPROVED

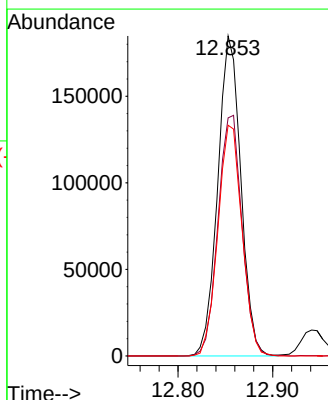
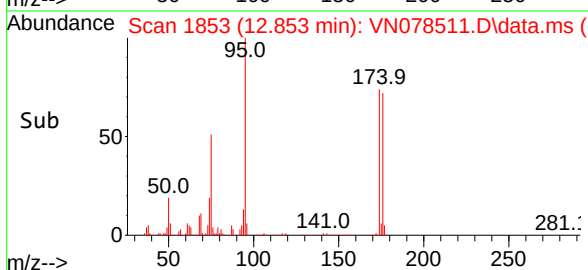
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

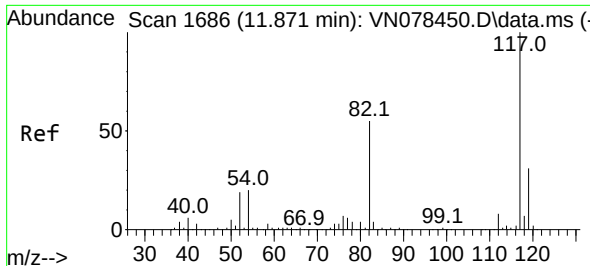


#62
4-Bromofluorobenzene
Concen: 50.909 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



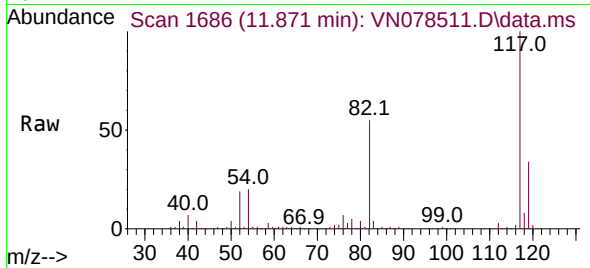
Tgt Ion: 95 Resp: 313502
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 75.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

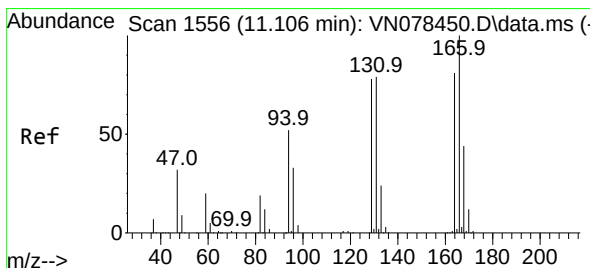
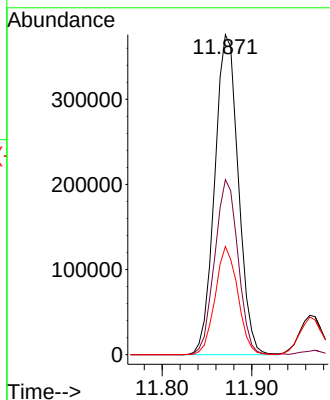
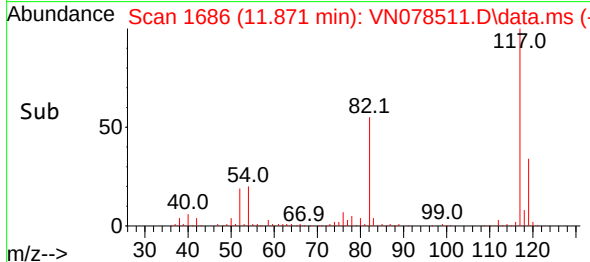
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion:117 Resp: 687589
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 33.8 25.6 38.4

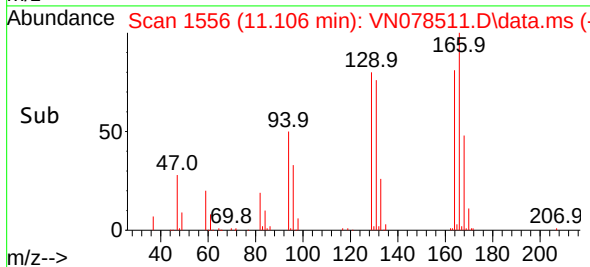
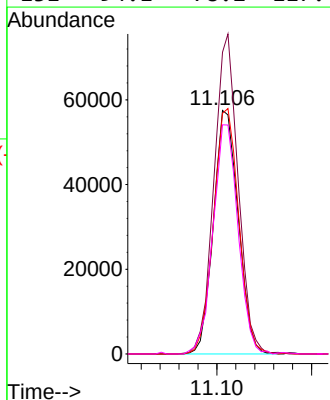
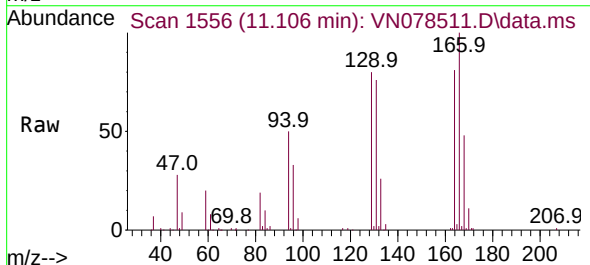
Manual Integrations
APPROVED

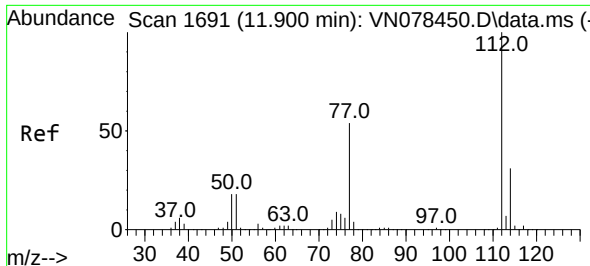
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
Tetrachloroethene
Concen: 20.277 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

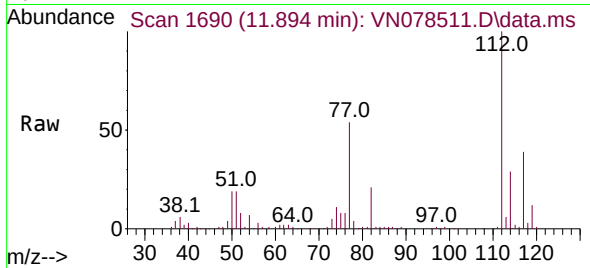
Tgt Ion:164 Resp: 104821
Ion Ratio Lower Upper
164 100
166 123.9 101.4 152.0
129 98.8 82.4 123.6
131 94.1 78.2 117.4





#65
Chlorobenzene
Concen: 19.730 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

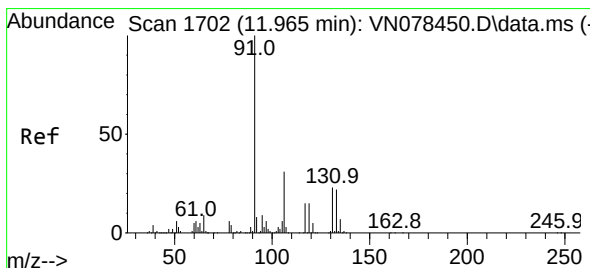
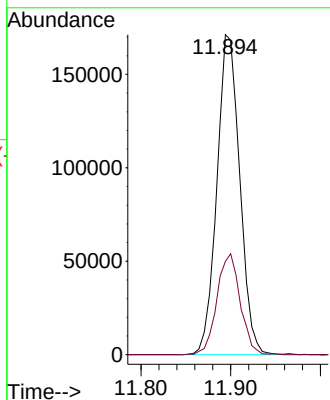
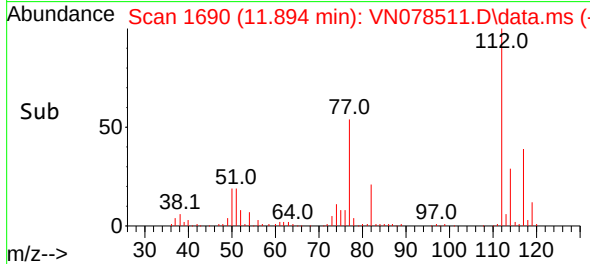
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



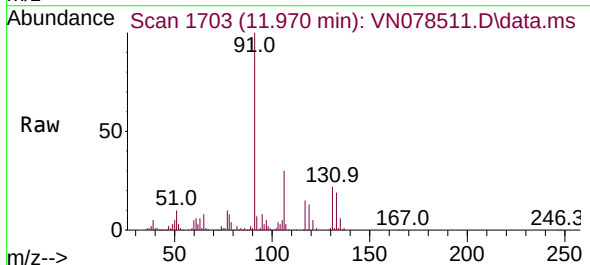
Tgt Ion:112 Resp: 303230
Ion Ratio Lower Upper
112 100
114 29.2 25.0 37.4

Manual Integrations
APPROVED

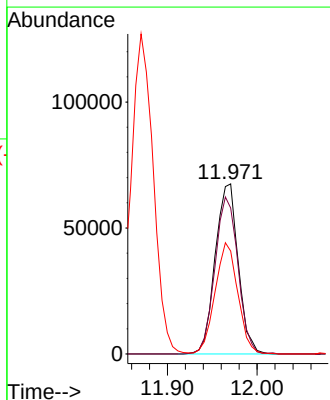
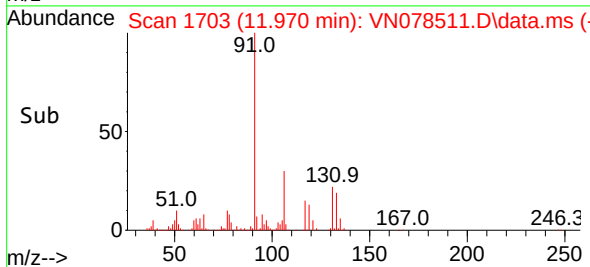
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

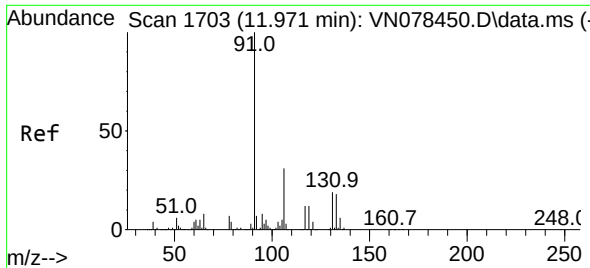


#66
1,1,1,2-Tetrachloroethane
Concen: 20.277 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



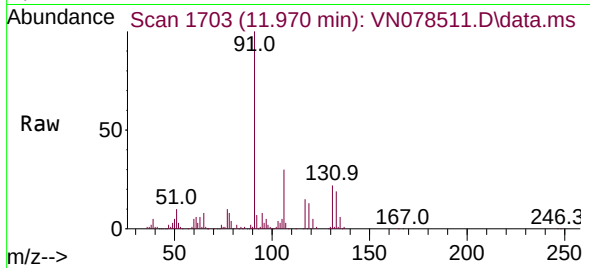
Tgt Ion:131 Resp: 119889
Ion Ratio Lower Upper
131 100
133 92.8 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 20.026 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

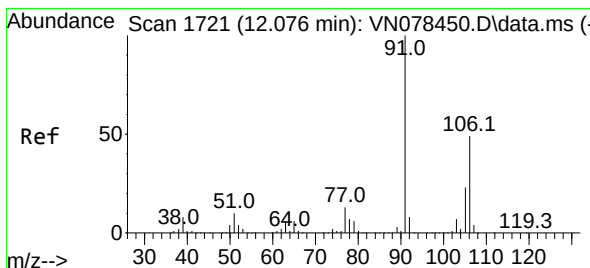
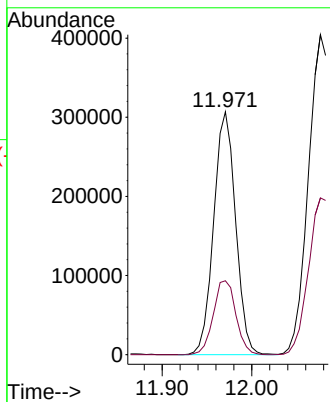
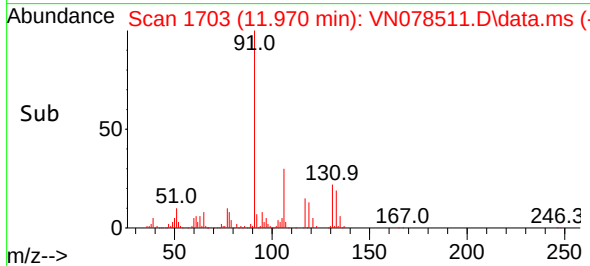
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



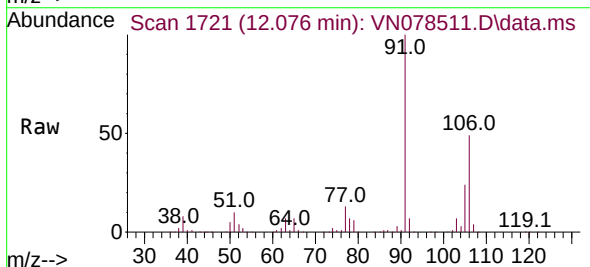
Tgt Ion: 91 Resp: 520269
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

Manual Integrations
APPROVED

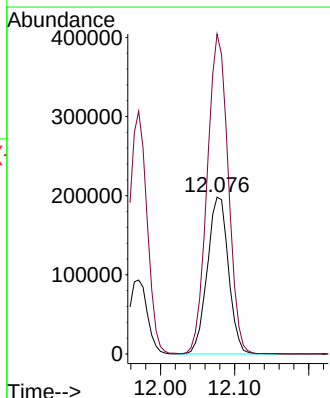
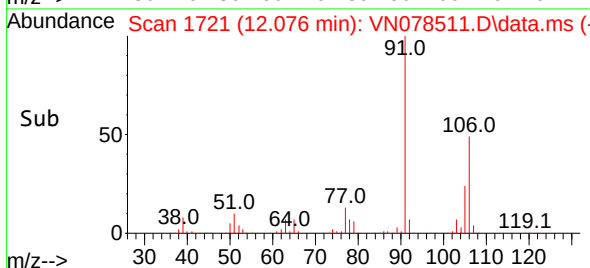
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

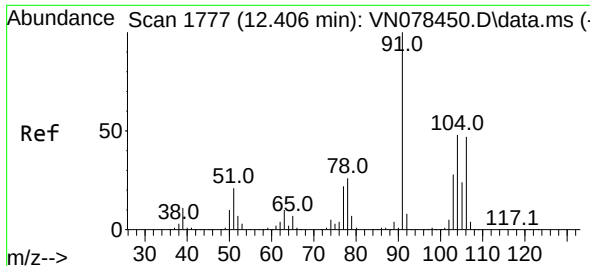


#68
m/p-Xylenes
Concen: 40.866 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



Tgt Ion:106 Resp: 392529
Ion Ratio Lower Upper
106 100
91 203.1 159.6 239.4





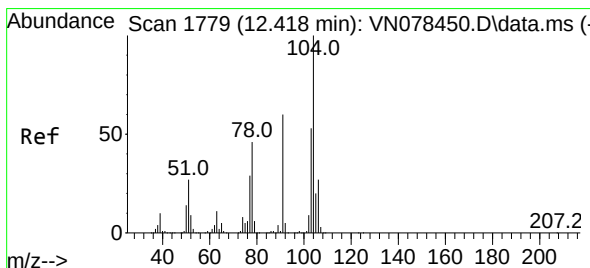
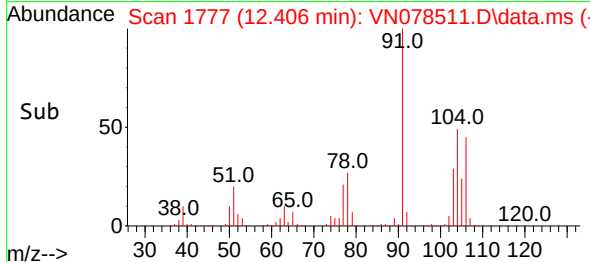
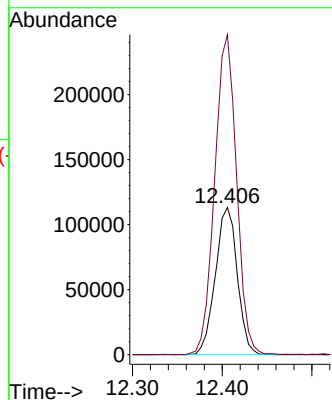
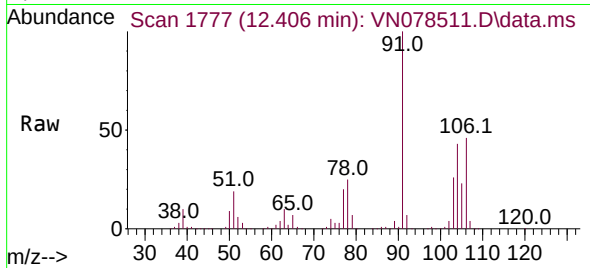
#69
o-Xylene
Concen: 19.778 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01

Tgt Ion:106 Resp: 19188
Ion Ratio Lower Upper
106 100
91 217.2 105.2 315.5

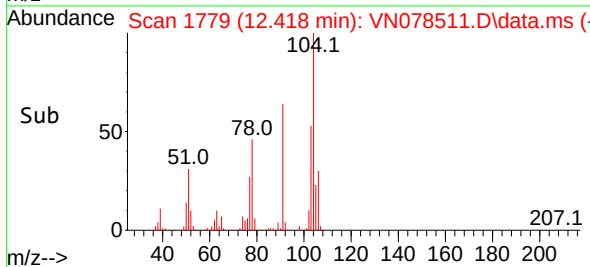
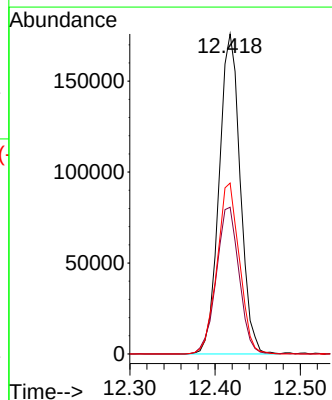
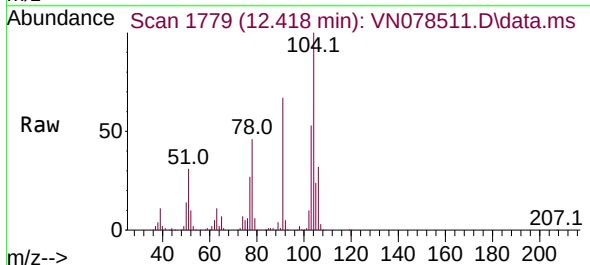
Manual Integrations
APPROVED

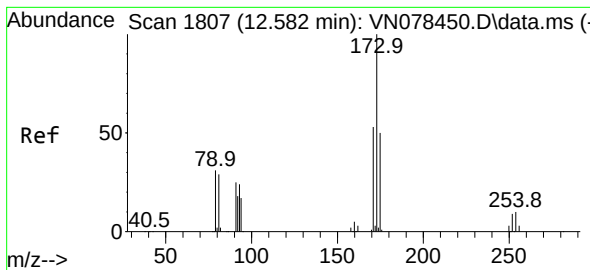
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 19.966 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

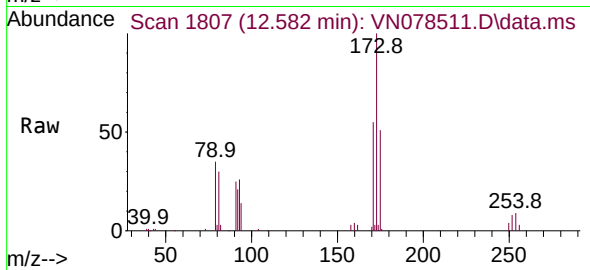
Tgt Ion:104 Resp: 303048
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 56.6 43.2 64.8





#71
Bromoform
Concen: 20.563 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

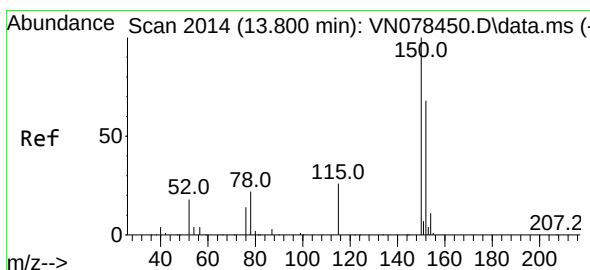
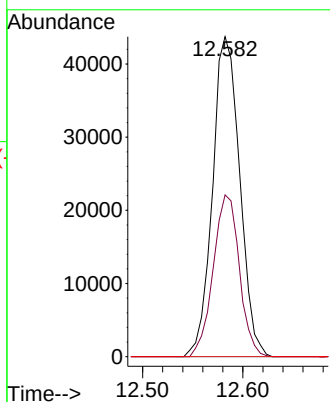
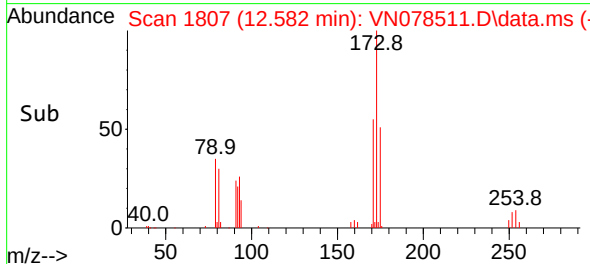
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



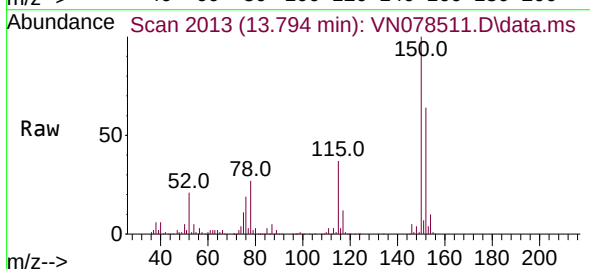
Tgt Ion:173 Resp: 82339
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

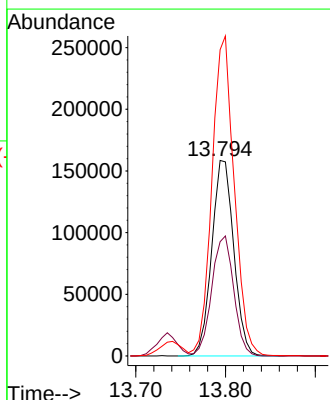
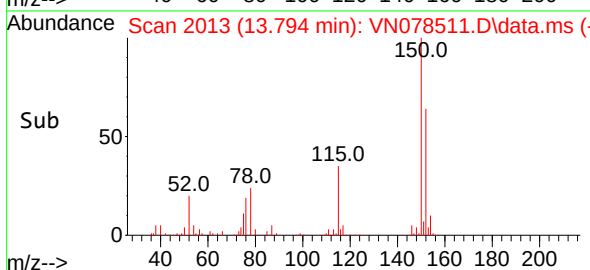
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

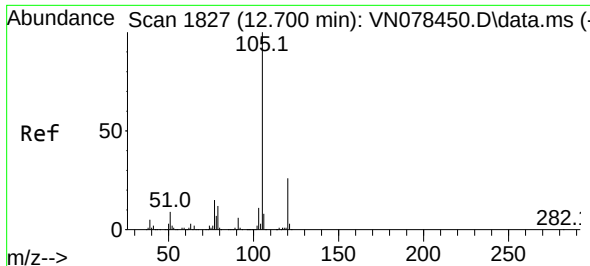


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



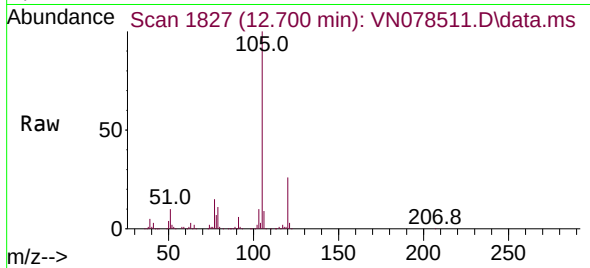
Tgt Ion:152 Resp: 270572
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 165.3 0.0 355.8





#73
Isopropylbenzene
Concen: 19.024 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

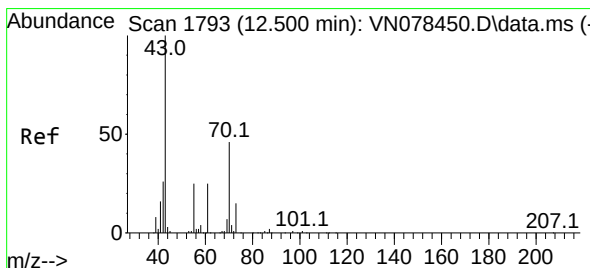
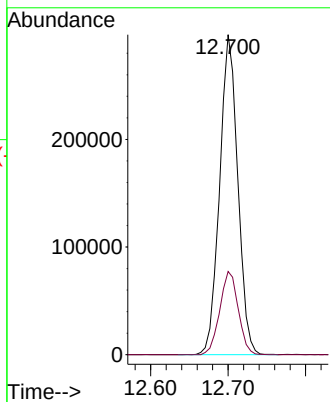
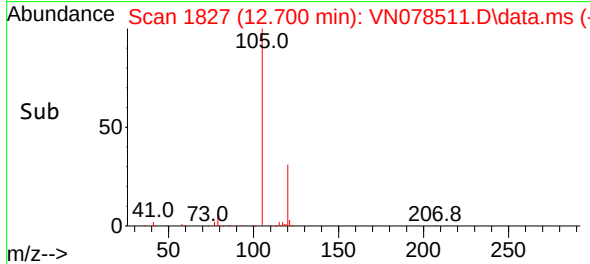
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



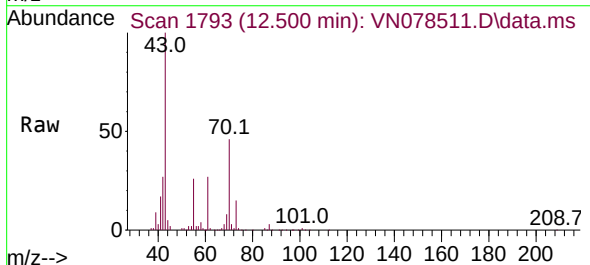
Tgt Ion:105 Resp: 483662
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

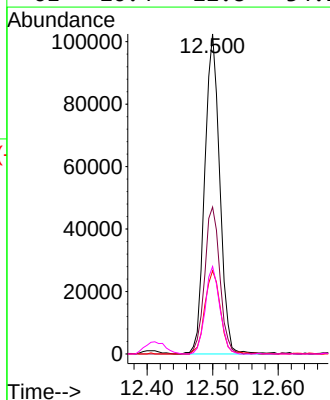
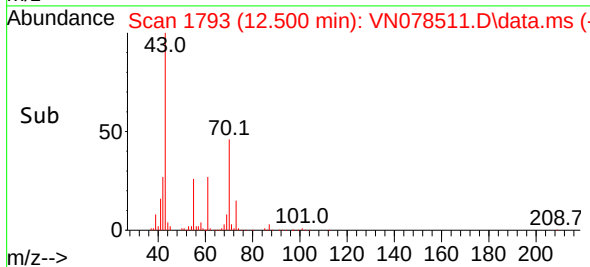
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

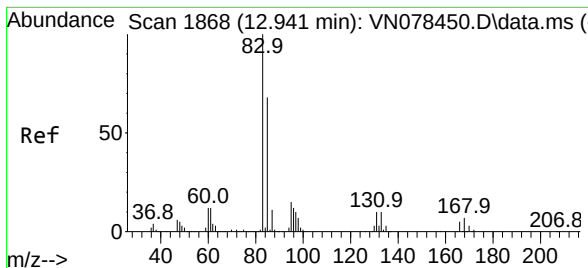


#74
N-ethyl acetate
Concen: 18.716 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



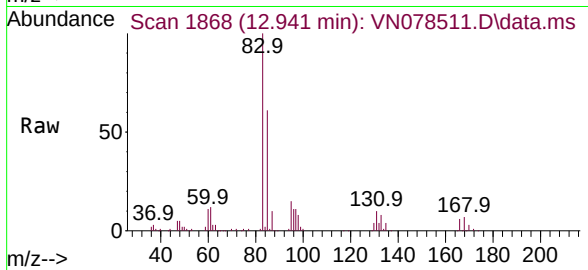
Tgt Ion: 43 Resp: 163986
Ion Ratio Lower Upper
43 100
70 46.5 43.4 65.2
55 26.8 21.4 32.0
61 26.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.369 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

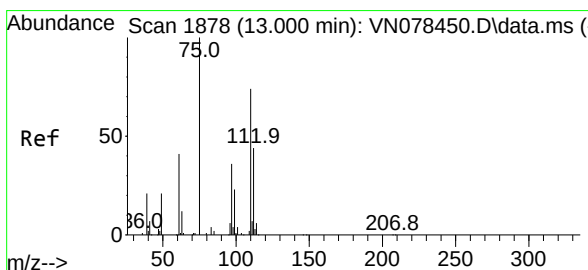
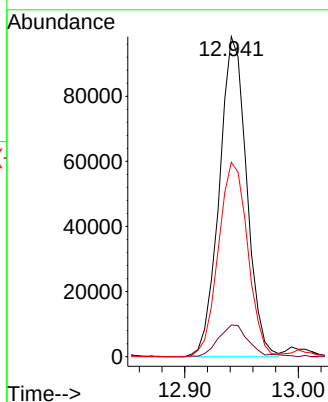
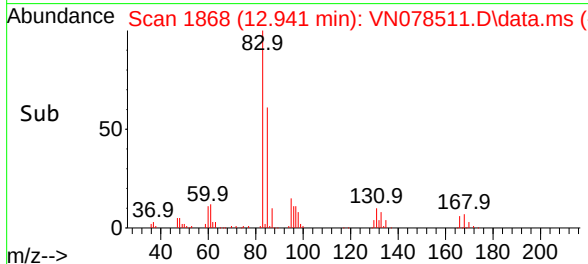
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



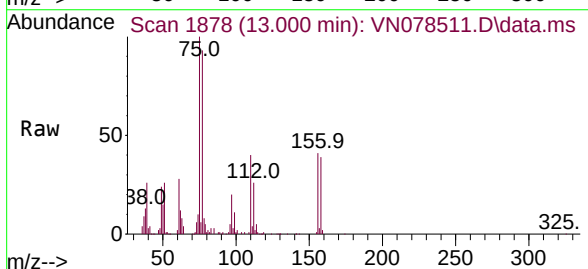
Tgt Ion: 83 Resp: 16433
Ion Ratio Lower Upper
83 100
131 11.0 5.0 15.0
85 65.1 31.9 95.7

Manual Integrations
APPROVED

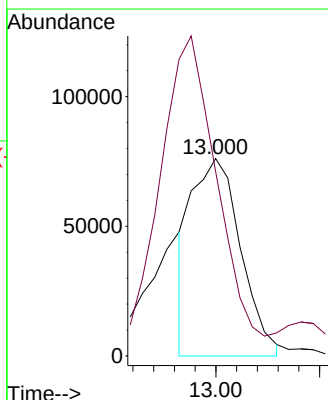
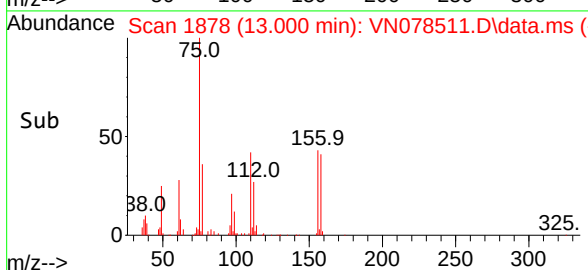
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

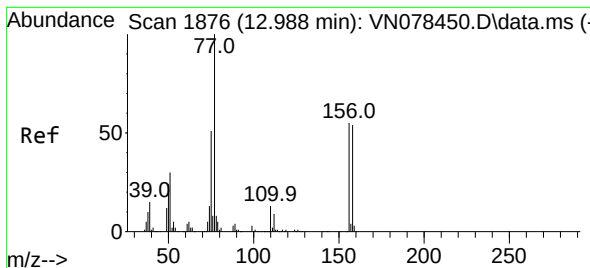


#76
1,2,3-Trichloropropane
Concen: 19.176 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



Tgt Ion: 75 Resp: 125415
Ion Ratio Lower Upper
75 100
77 192.2 84.5 253.5





#77

Bromobenzene

Concen: 20.066 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS01

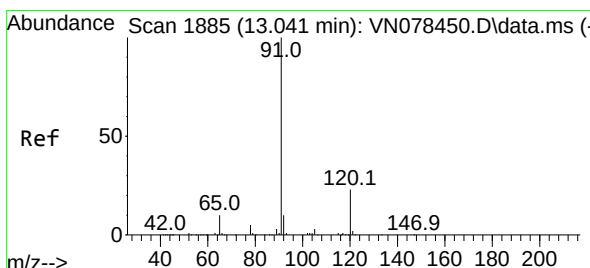
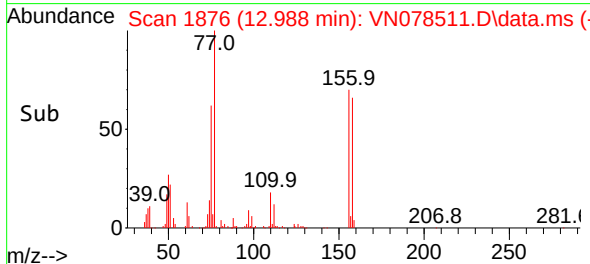
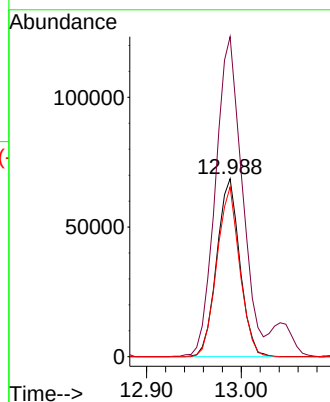
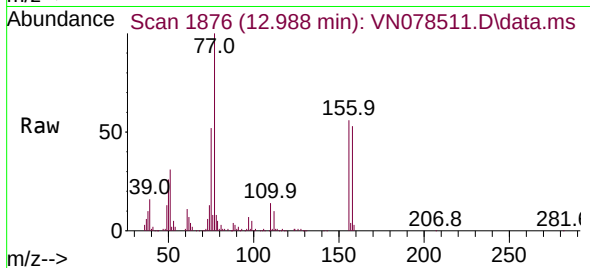
Tgt Ion:156 Resp: 116050
 Ion Ratio Lower Upper
 156 100
 77 207.7 107.7 323.3
 158 94.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#78

n-propylbenzene

Concen: 19.556 ug/l

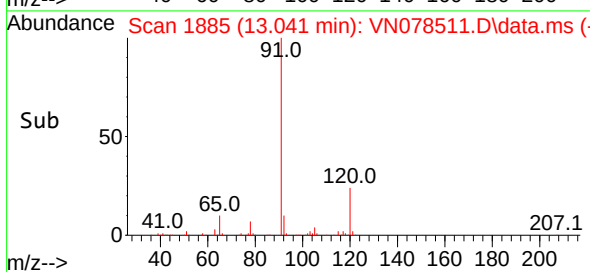
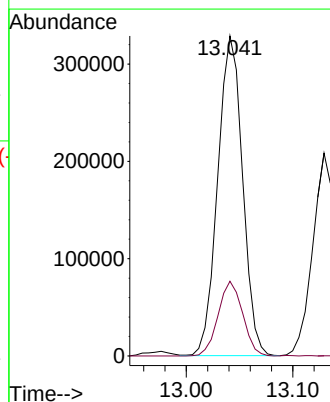
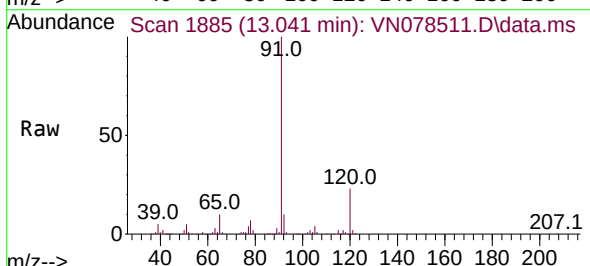
RT: 13.041 min Scan# 1885

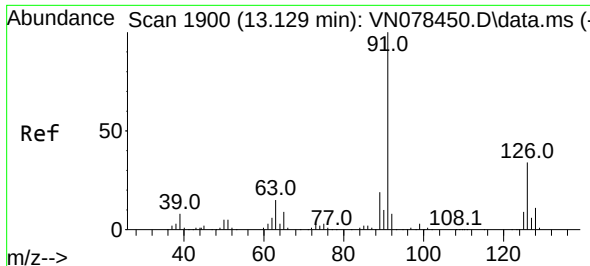
Delta R.T. 0.000 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Tgt Ion: 91 Resp: 531712
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.4





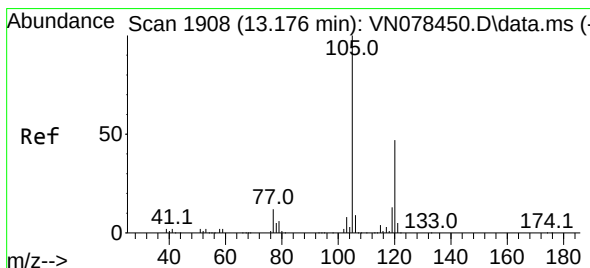
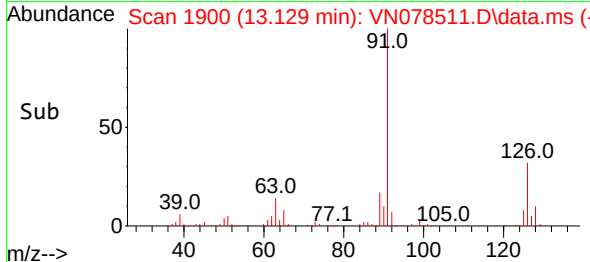
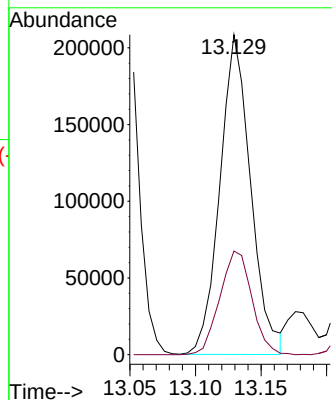
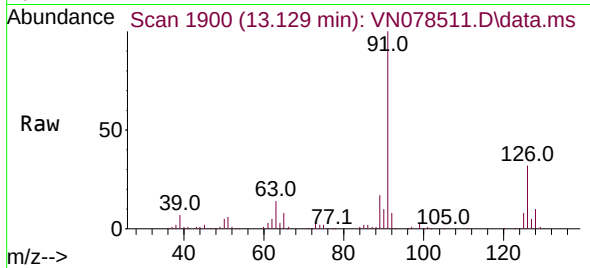
#79
2-Chlorotoluene
Concen: 19.093 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01

Tgt Ion: 91 Resp: 34003
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

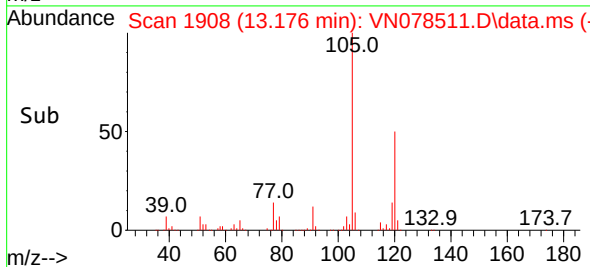
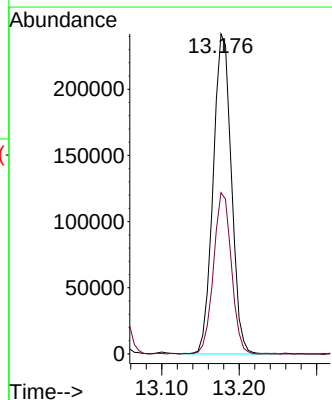
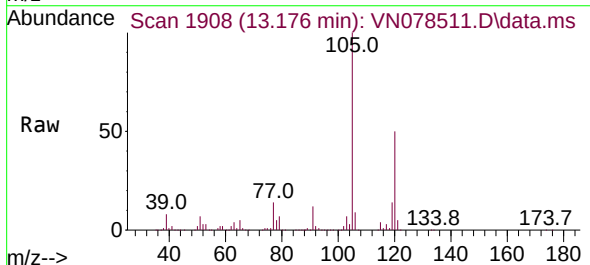
Manual Integrations
APPROVED

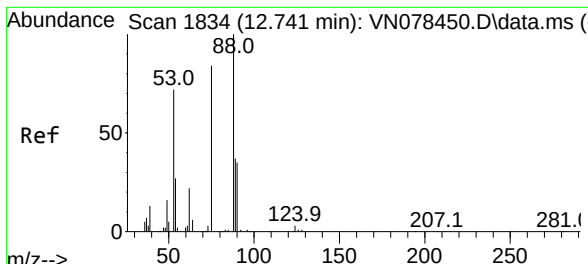
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.769 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

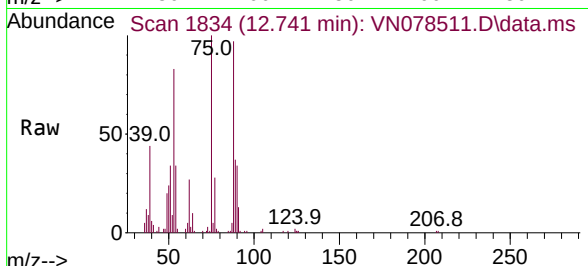
Tgt Ion:105 Resp: 397119
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.756 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

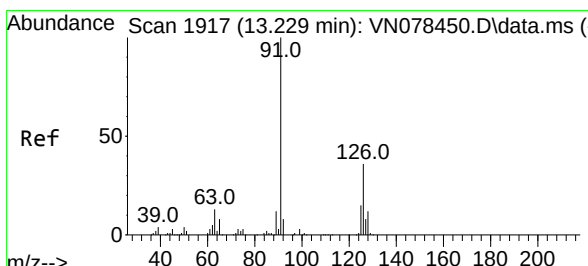
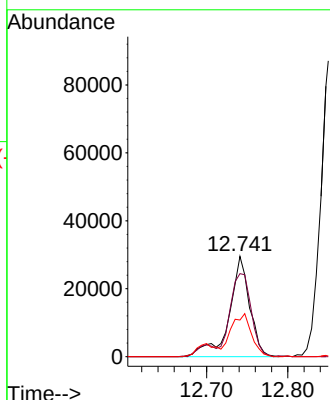
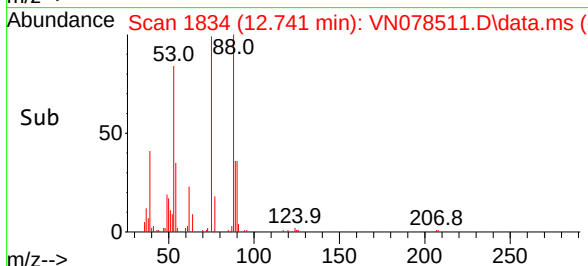
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 75 Resp: 51650
Ion Ratio Lower Upper
75 100
53 85.5 67.4 101.2
89 42.8 38.8 58.2

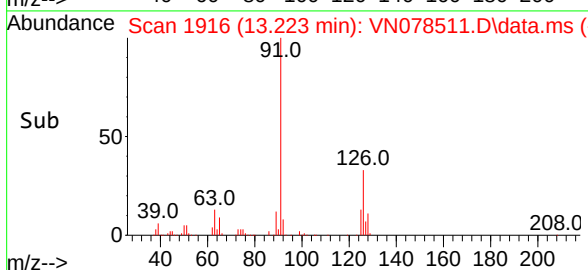
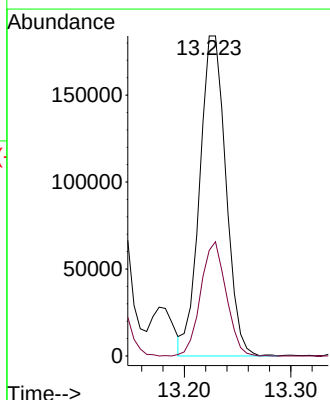
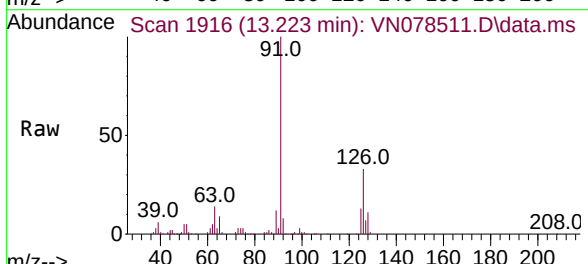
Manual Integrations
APPROVED

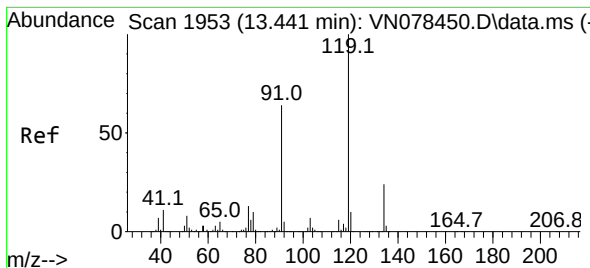
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#82
4-Chlorotoluene
Concen: 18.970 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

Tgt Ion: 91 Resp: 315165
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.299 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS01

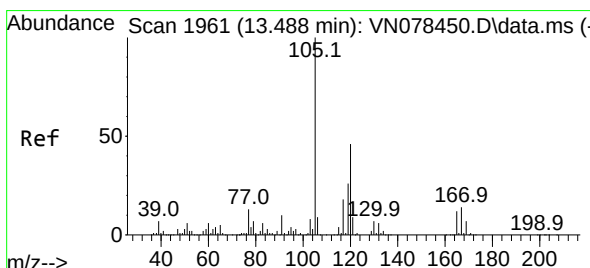
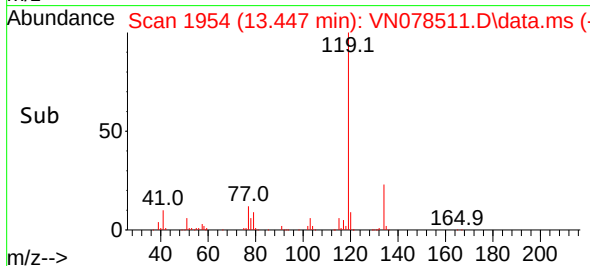
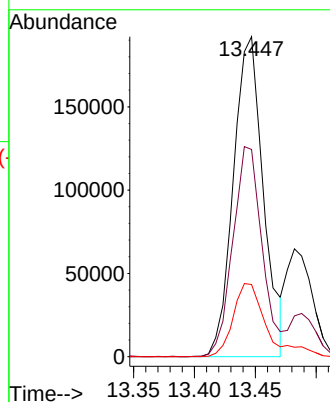
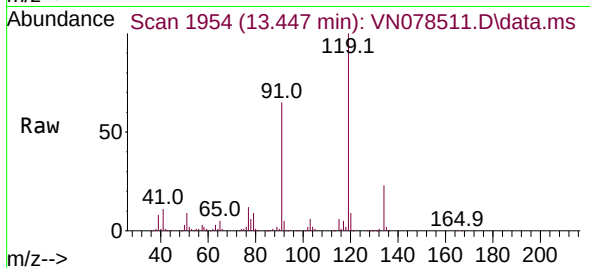
Tgt Ion:119 Resp: 329152
 Ion Ratio Lower Upper
 119 100
 91 64.0 33.9 101.7
 134 25.4 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.976 ug/l

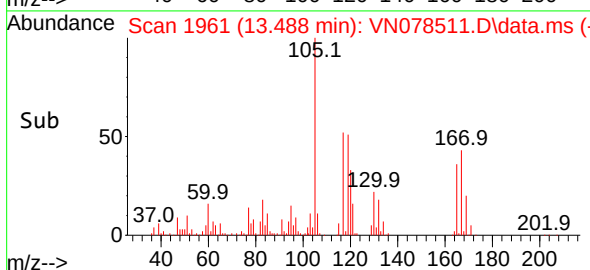
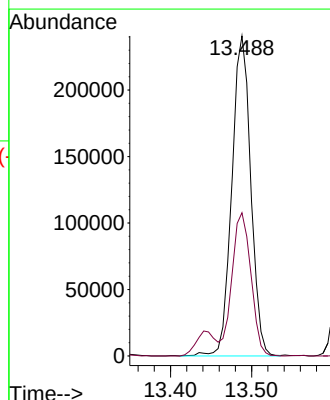
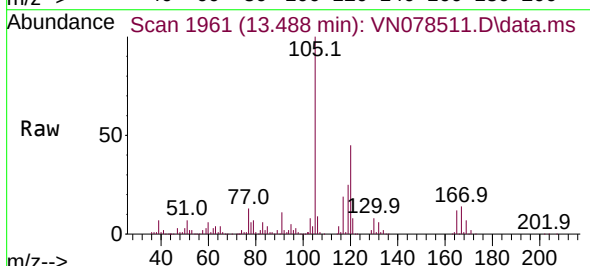
RT: 13.488 min Scan# 1961

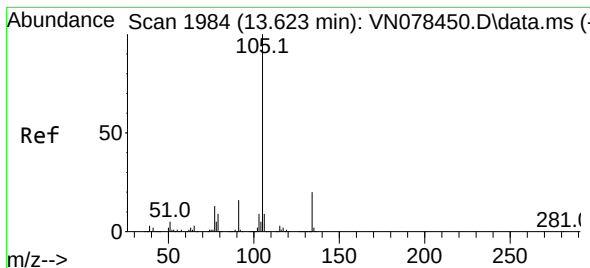
Delta R.T. 0.000 min

Lab File: VN078511.D

Acq: 14 Jul 2023 10:34

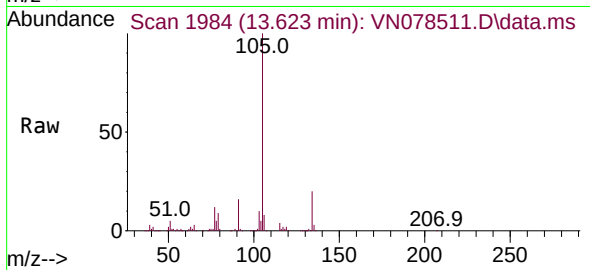
Tgt Ion:105 Resp: 389781
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.401 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078511.D
 Acq: 14 Jul 2023 10:34

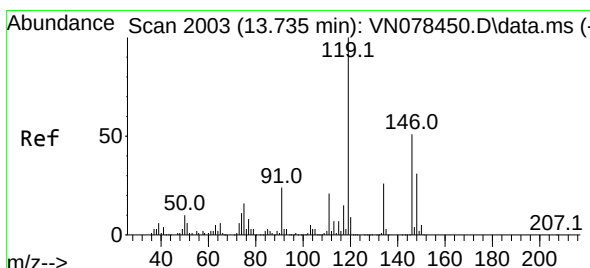
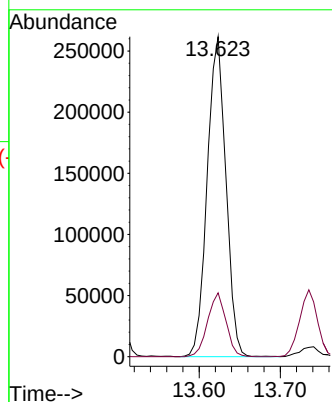
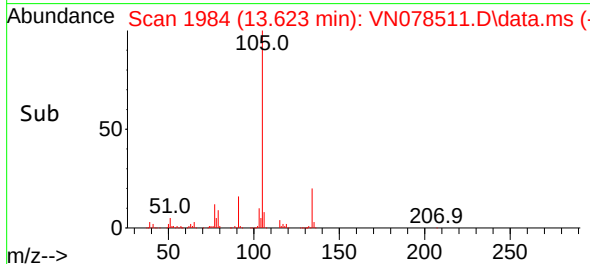
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS01



Tgt Ion:105 Resp: 418249
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

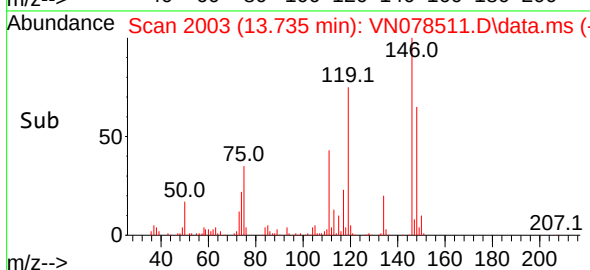
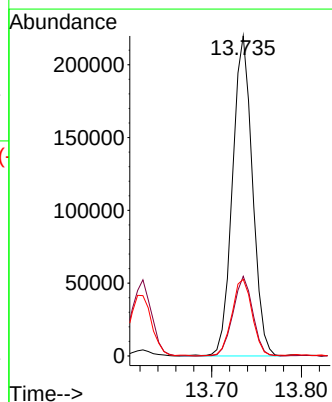
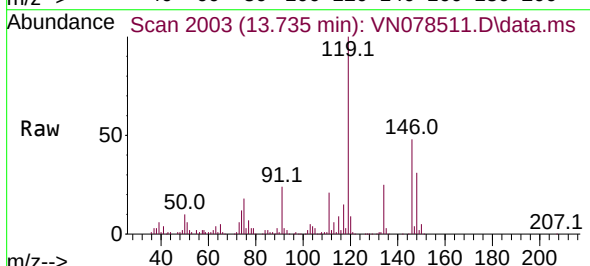
Manual Integrations
 APPROVED

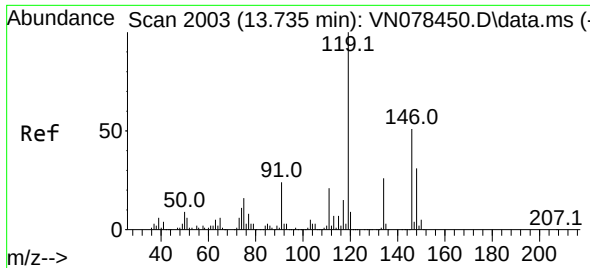
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#86
 p-Isopropyltoluene
 Concen: 19.581 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078511.D
 Acq: 14 Jul 2023 10:34

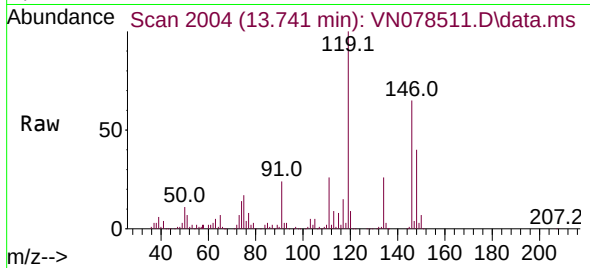
Tgt Ion:119 Resp: 338944
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.564 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

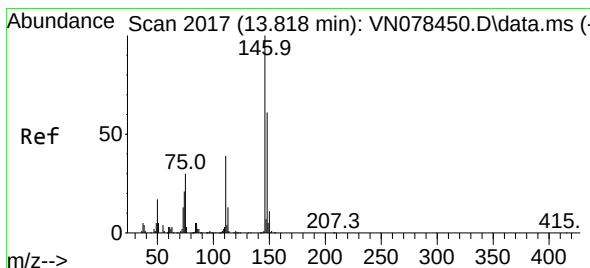
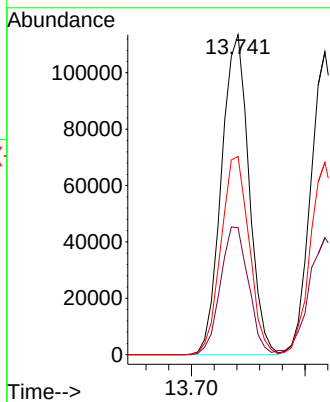
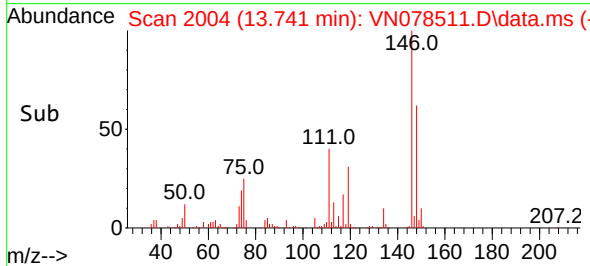
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion:146 Resp: 19095
Ion Ratio Lower Upper
146 100
111 40.6 22.1 66.3
148 63.5 32.0 96.0

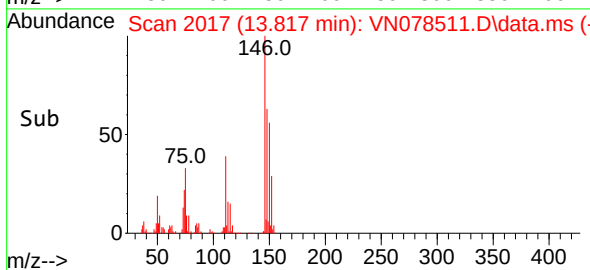
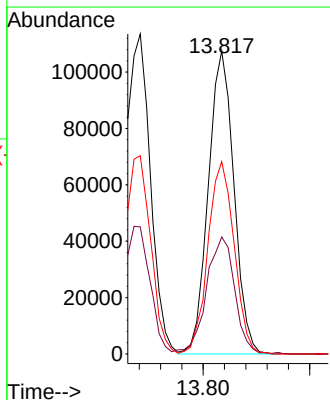
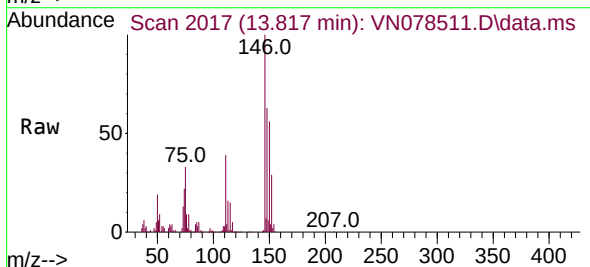
Manual Integrations
APPROVED

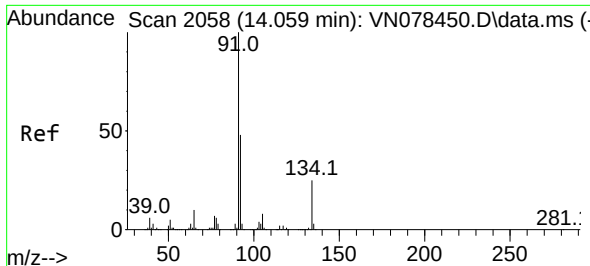
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#88
1,4-Dichlorobenzene
Concen: 18.249 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

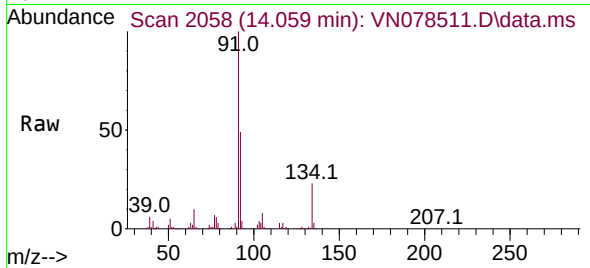
Tgt Ion:146 Resp: 179400
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 65.2 31.6 94.8





#89
n-Butylbenzene
Concen: 19.818 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

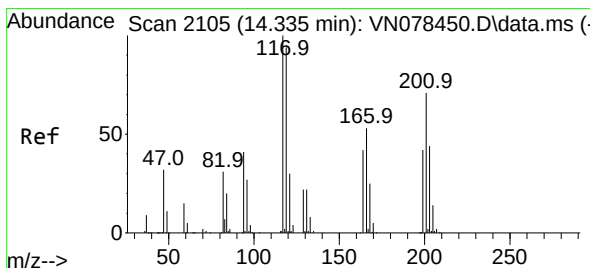
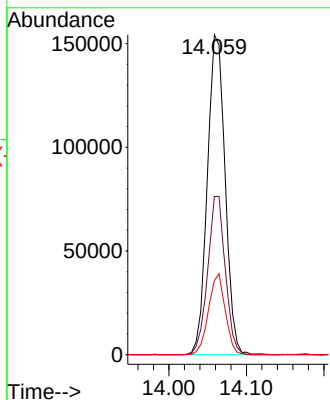
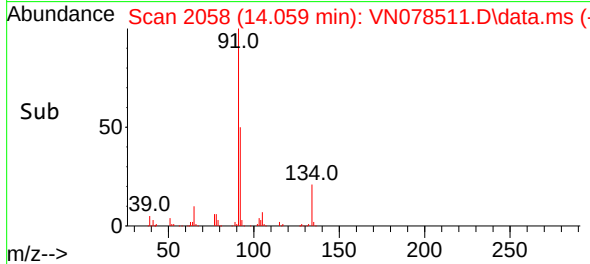
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



Tgt Ion: 91 Resp: 245450
Ion Ratio Lower Upper
91 100
92 49.1 26.4 79.0
134 23.9 12.6 37.6

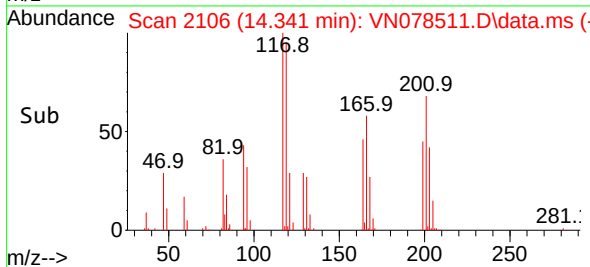
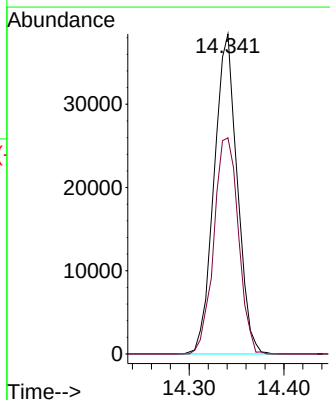
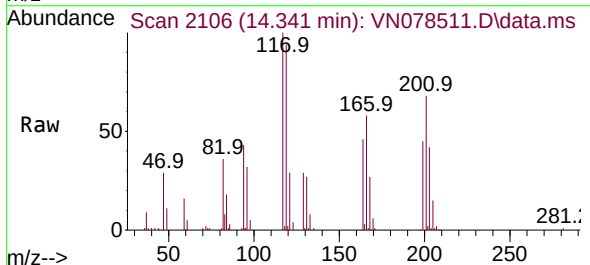
Manual Integrations
APPROVED

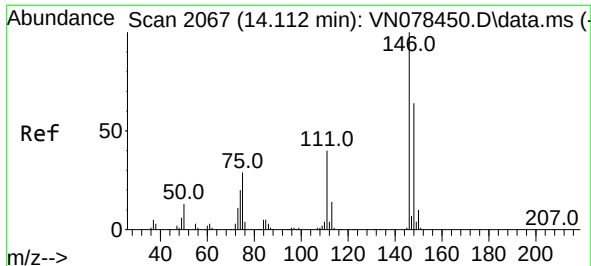
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 20.045 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

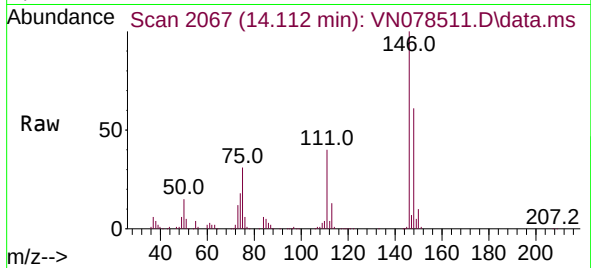
Tgt Ion:117 Resp: 65328
Ion Ratio Lower Upper
117 100
201 71.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.732 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

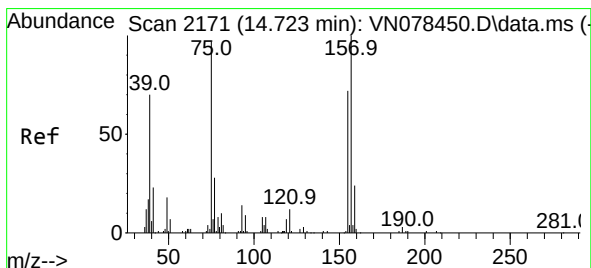
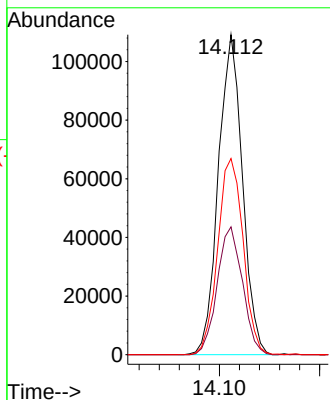
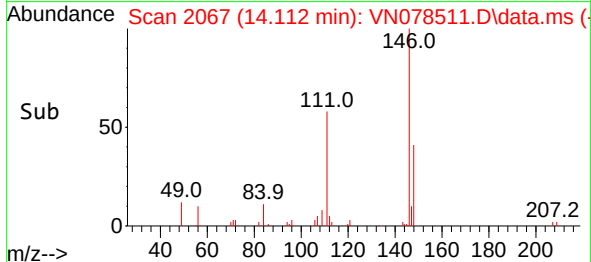
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



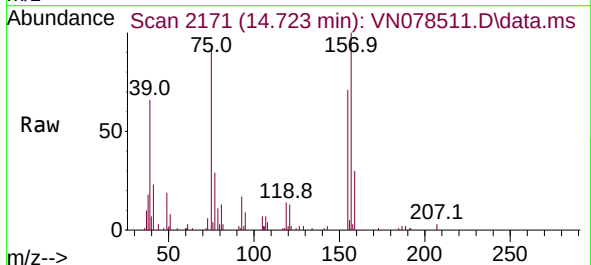
Tgt Ion:146 Resp: 181949
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 64.7 31.8 95.3

Manual Integrations
APPROVED

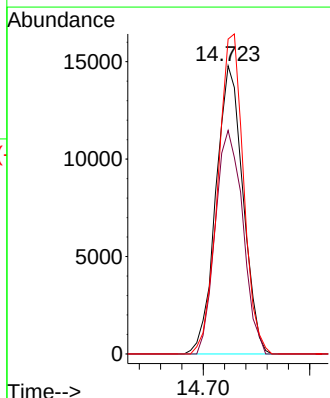
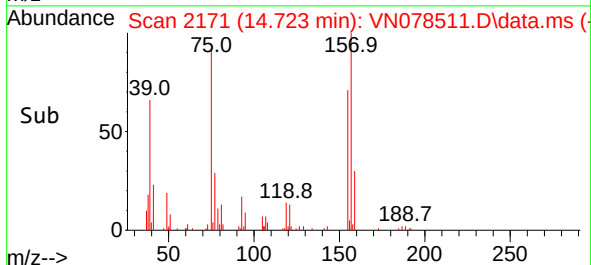
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

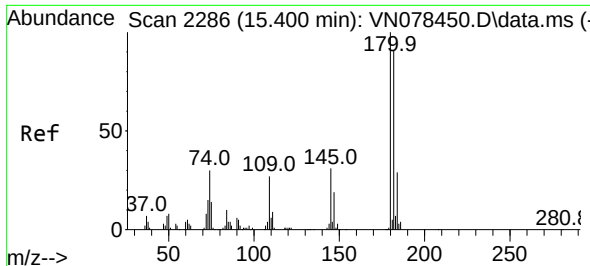


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.306 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



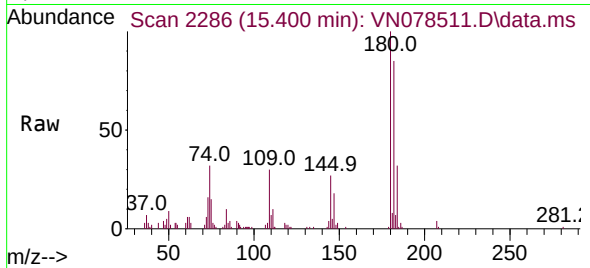
Tgt Ion: 75 Resp: 26103
Ion Ratio Lower Upper
75 100
155 78.6 39.1 117.2
157 104.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.422 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

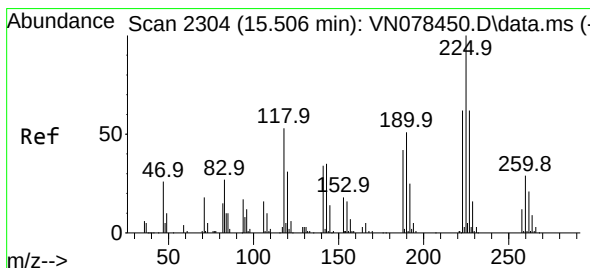
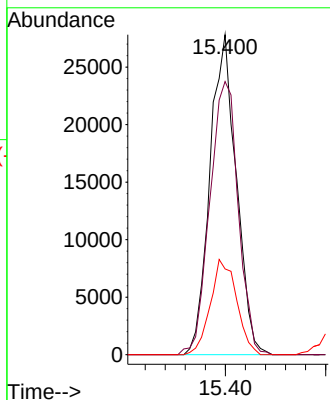
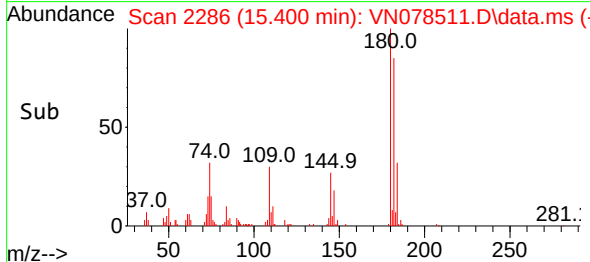
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



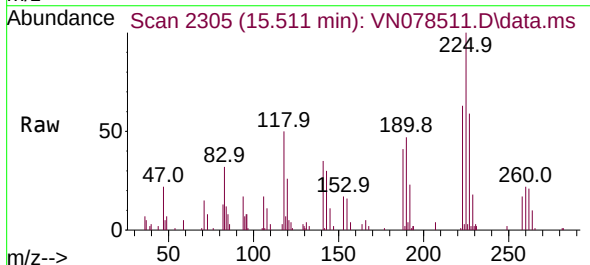
Tgt Ion:180 Resp: 50909
Ion Ratio Lower Upper
180 100
182 91.6 46.1 138.2
145 29.6 16.6 49.8

Manual Integrations
APPROVED

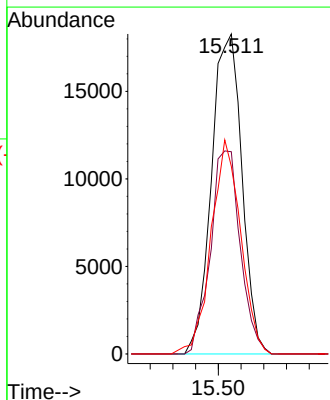
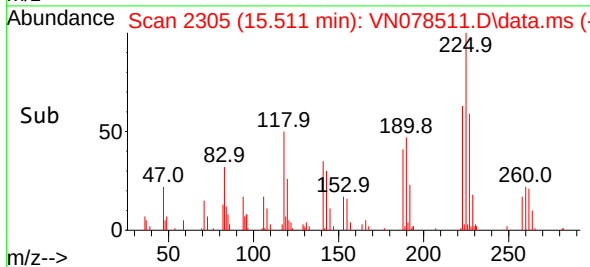
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

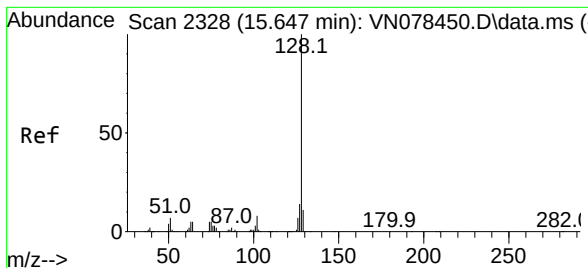


#94
Hexachlorobutadiene
Concen: 18.567 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



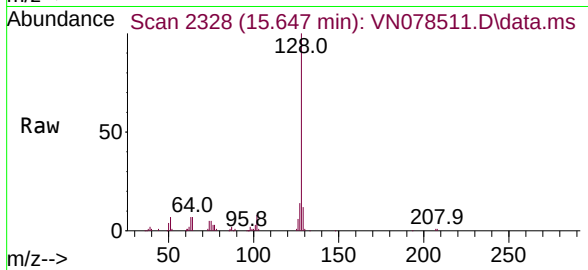
Tgt Ion:225 Resp: 33949
Ion Ratio Lower Upper
225 100
223 62.8 31.3 93.8
227 65.0 31.9 95.9





#95
Naphthalene
Concen: 14.416 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34

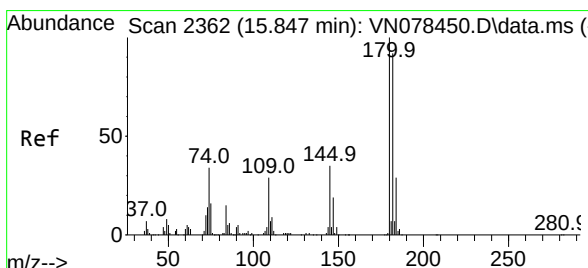
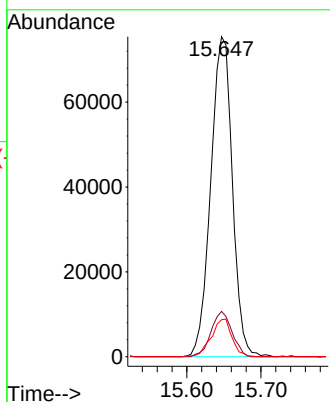
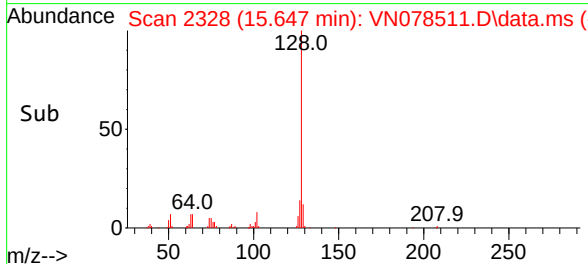
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01



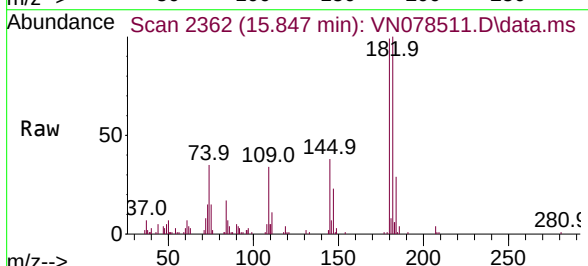
Tgt Ion:128 Resp: 152782
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.000 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078511.D
Acq: 14 Jul 2023 10:34



Tgt Ion:180 Resp: 57032
Ion Ratio Lower Upper
180 100
182 96.8 46.2 138.6
145 33.3 17.5 52.6

