

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078541.D
 Acq On : 17 Jul 2023 14:24
 Operator : JC\MD
 Sample : VN0717MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 04:23:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	442064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	750648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	661124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	256265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	309700	52.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.520%			
35) Dibromofluoromethane	8.171	113	267681	52.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	10.570	98	975617	50.682	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.853	95	298744	50.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	94212	17.382	ug/l	96
3) Chloromethane	2.371	50	123821	21.019	ug/l	99
4) Vinyl Chloride	2.518	62	151151	19.835	ug/l	97
5) Bromomethane	2.953	94	94536	16.257	ug/l	98
6) Chloroethane	3.118	64	94540	19.330	ug/l	100
7) Trichlorofluoromethane	3.500	101	172929	18.983	ug/l	98
8) Diethyl Ether	3.971	74	58351	19.226	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	94082	19.510	ug/l	96
10) Methyl Iodide	4.594	142	122154	18.434	ug/l	96
11) Tert butyl alcohol	5.547	59	95015	103.971	ug/l	100
12) 1,1-Dichloroethene	4.353	96	90101	19.316	ug/l	95
13) Acrolein	4.189	56	94539	105.147	ug/l	94
14) Allyl chloride	5.036	41	128739	20.198	ug/l	91
15) Acrylonitrile	5.735	53	237318	102.781	ug/l	97
16) Acetone	4.441	43	185465	100.466	ug/l	94
17) Carbon Disulfide	4.724	76	218872	16.227	ug/l	99
18) Methyl Acetate	5.047	43	160832	20.581	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	304674	19.824	ug/l	99
20) Methylene Chloride	5.283	84	112050	20.438	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	97091	18.471	ug/l #	82
22) Diisopropyl ether	6.682	45	292479	20.493	ug/l #	94
23) Vinyl Acetate	6.618	43	897852	98.956	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	182931	19.022	ug/l	99
25) 2-Butanone	7.494	43	307667	105.875	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	147367	18.736	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	117951	19.397	ug/l	95
28) Bromochloromethane	7.824	49	97292	21.479	ug/l	89
29) Tetrahydrofuran	7.853	42	192027	100.707	ug/l	87
30) Chloroform	7.977	83	200951	20.071	ug/l	98
31) Cyclohexane	8.265	56	146341	18.272	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	174303	19.417	ug/l	99
36) 1,1-Dichloropropene	8.377	75	138385	18.808	ug/l	97
37) Ethyl Acetate	7.571	43	126241	20.582	ug/l #	96
38) Carbon Tetrachloride	8.371	117	158399	19.808	ug/l	97
39) Methylcyclohexane	9.606	83	125119	18.630	ug/l	90
40) Benzene	8.618	78	433650	19.894	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	67942	21.729	ug/l	91
42) 1,2-Dichloroethane	8.676	62	151742	20.466	ug/l	98
43) Isopropyl Acetate	8.694	43	218809	21.669	ug/l #	93
44) Trichloroethene	9.359	130	109546	18.647	ug/l	95
45) 1,2-Dichloropropane	9.629	63	113896	20.631	ug/l	96
46) Dibromomethane	9.712	93	82767	21.301	ug/l	92
47) Bromodichloromethane	9.894	83	160945	20.663	ug/l	95
48) Methyl methacrylate	9.688	41	93394	19.963	ug/l	90
49) 1,4-Dioxane	9.700	88	44572	436.876	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	649548	108.143	ug/l	94
52) Toluene	10.635	92	269163	19.924	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	161994	20.301	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	174519	20.518	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	112550	21.145	ug/l	98
56) Ethyl methacrylate	10.882	69	153689	20.656	ug/l	93
57) 1,3-Dichloropropane	11.170	76	188879	20.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	255601	96.394	ug/l	93
59) 2-Hexanone	11.200	43	464644	108.846	ug/l	92
60) Dibromochloromethane	11.365	129	123743	21.058	ug/l	99
61) 1,2-Dibromoethane	11.476	107	115252	21.019	ug/l	98
64) Tetrachloroethene	11.112	164	94211	18.954	ug/l	98
65) Chlorobenzene	11.900	112	288049	19.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	114537	20.147	ug/l	98
67) Ethyl Benzene	11.970	91	481887	19.292	ug/l	100
68) m/p-Xylenes	12.076	106	368041	39.850	ug/l	97
69) o-Xylene	12.406	106	176668	18.939	ug/l	93
70) Styrene	12.417	104	289563	19.841	ug/l	97
71) Bromoform	12.582	173	81696	21.219	ug/l #	97
73) Isopropylbenzene	12.700	105	449357	18.661	ug/l	97
74) N-amyl acetate	12.500	43	161045	19.407	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	161592	22.311	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	129792m	20.954	ug/l	
77) Bromobenzene	12.988	156	107743	19.637	ug/l	98
78) n-propylbenzene	13.041	91	491060	19.069	ug/l	99
79) 2-Chlorotoluene	13.129	91	322258	19.105	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	371854	19.545	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	49321	20.924	ug/l	87
82) 4-Chlorotoluene	13.229	91	295996	18.811	ug/l	98
83) tert-Butylbenzene	13.447	119	312056	19.318	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	363110	19.648	ug/l	99
85) sec-Butylbenzene	13.623	105	392425	19.220	ug/l	99
86) p-Isopropyltoluene	13.735	119	317454	19.363	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	174150	18.839	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	172166	18.490	ug/l	99
89) n-Butylbenzene	14.064	91	231894	19.769	ug/l	96
90) Hexachloroethane	14.341	117	63869	20.718	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	173520	18.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	24982	20.540	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	45802	15.600	ug/l	95
94) Hexachlorobutadiene	15.505	225	31516	18.110	ug/l	94
95) Naphthalene	15.647	128	146963	14.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	53090	15.726	ug/l	92

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

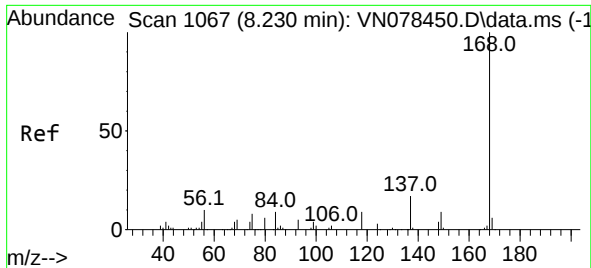
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 04:23:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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



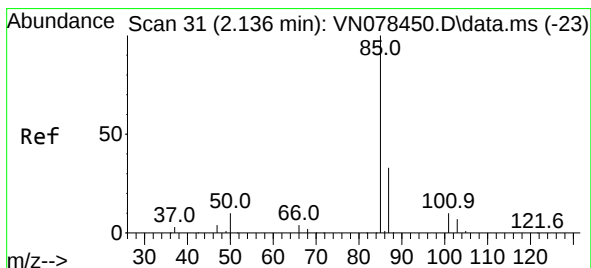
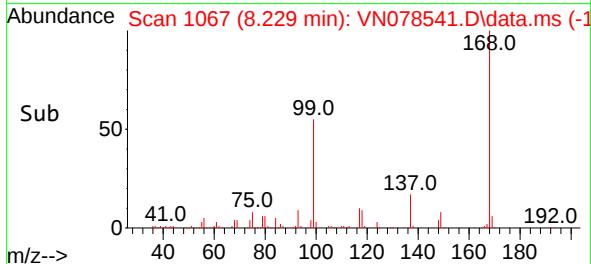
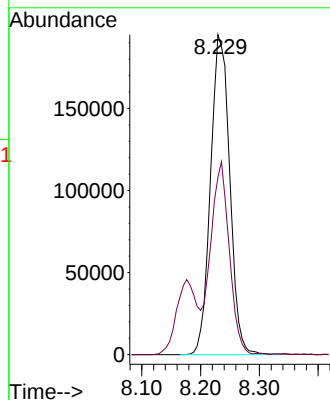
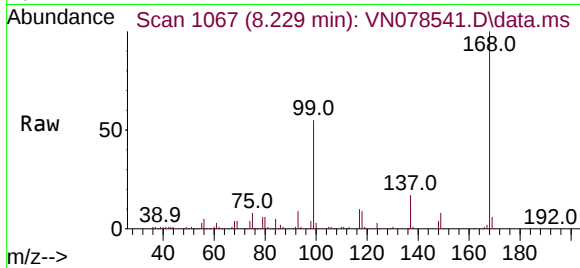
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078541.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion:168 Resp: 442064
Ion Ratio Lower Upper
168 100
99 55.3 53.0 79.6

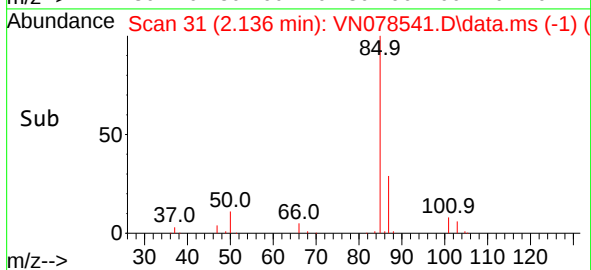
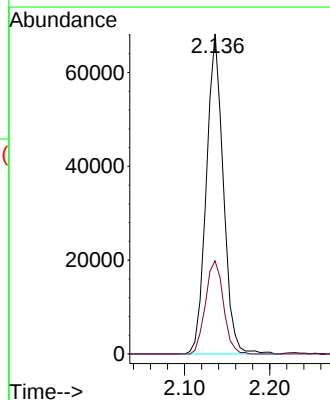
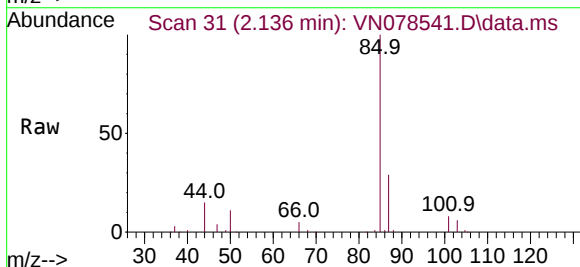
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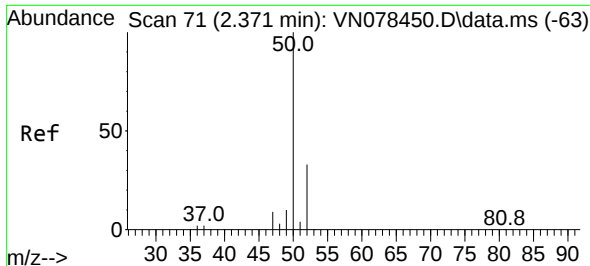
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#2
Dichlorodifluoromethane
Concen: 17.382 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

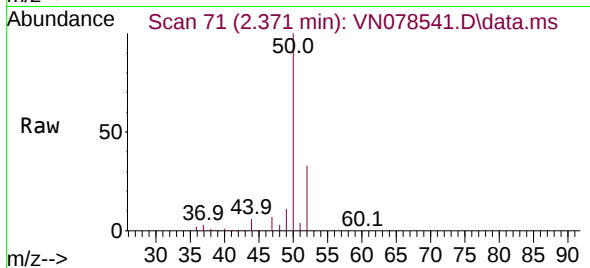
Tgt Ion: 85 Resp: 94212
Ion Ratio Lower Upper
85 100
87 29.1 15.8 47.4





#3
Chloromethane
Concen: 21.019 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

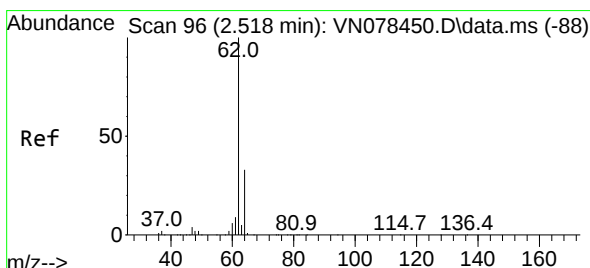
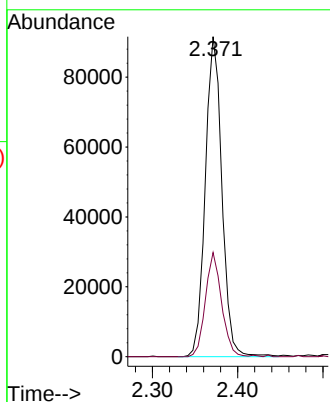
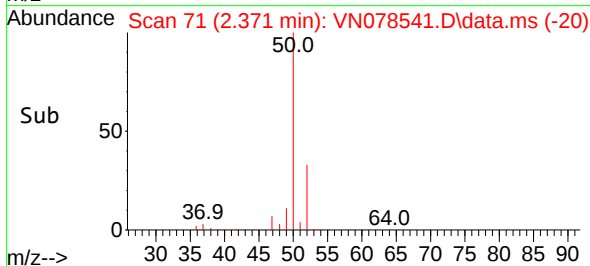
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 50 Resp: 12382
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

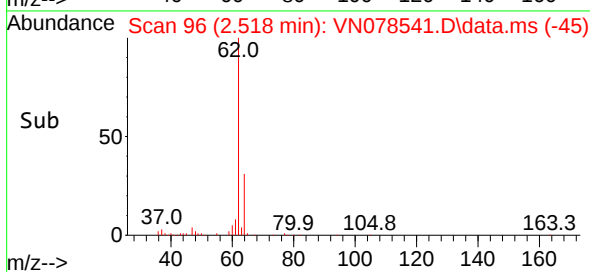
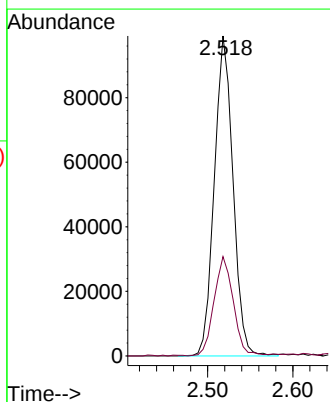
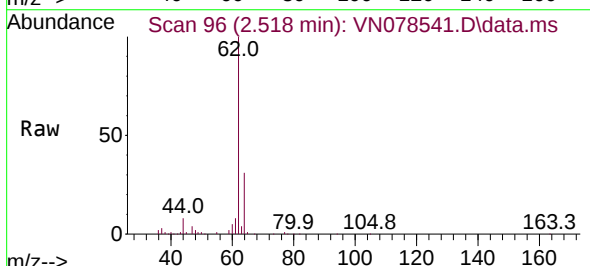
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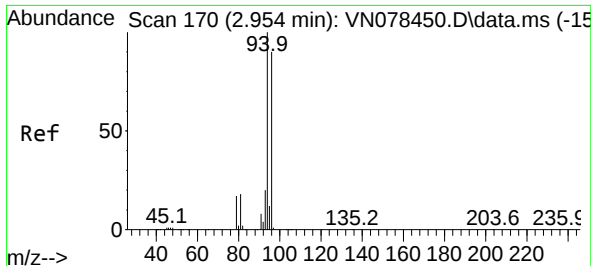
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#4
Vinyl Chloride
Concen: 19.835 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

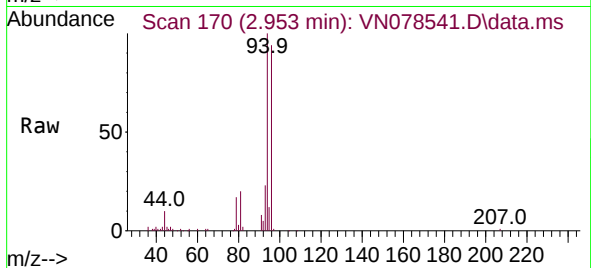
Tgt Ion: 62 Resp: 151151
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2





#5
Bromomethane
Concen: 16.257 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

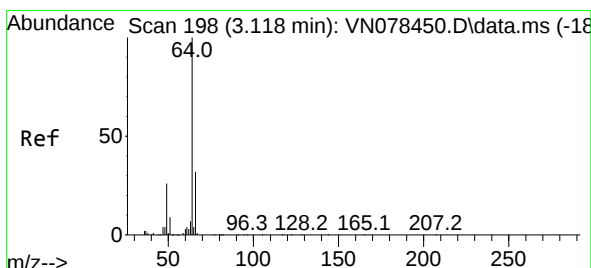
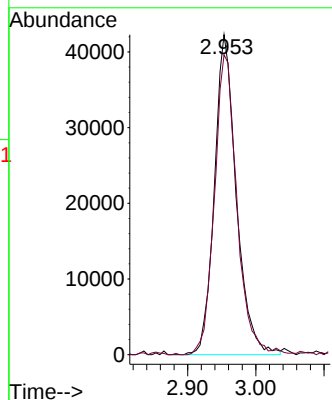
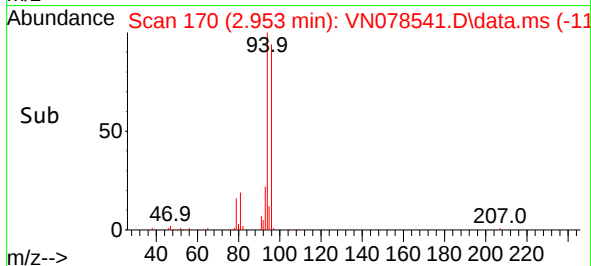
Instrument :
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Tgt Ion: 94 Resp: 94530
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7

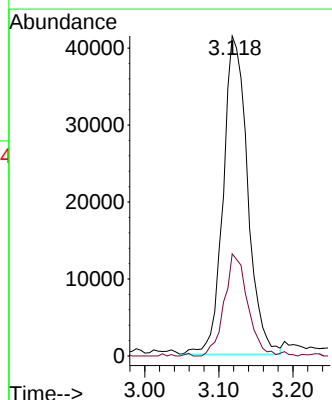
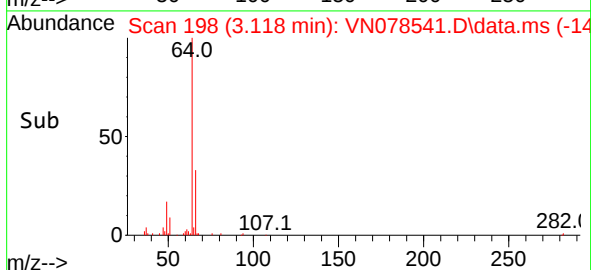
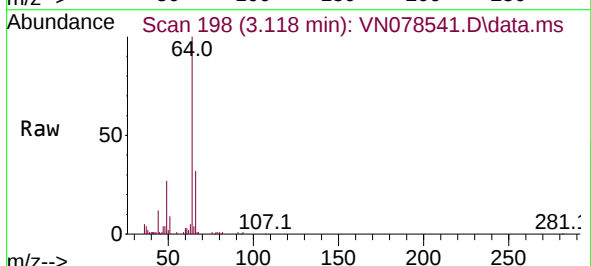
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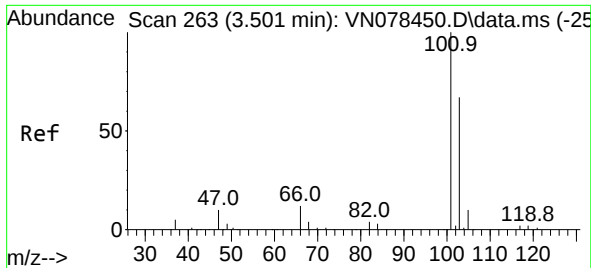
Reviewed By :John Carlone 07/18/2023
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#6
Chloroethane
Concen: 19.330 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078541.D
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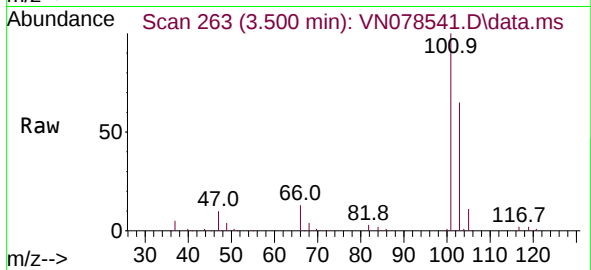
Tgt Ion: 64 Resp: 94540
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.983 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.001 min
 Lab File: VN078541.D
 Acq: 17 Jul 2023 14:24

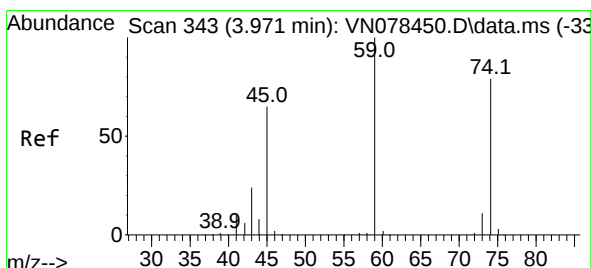
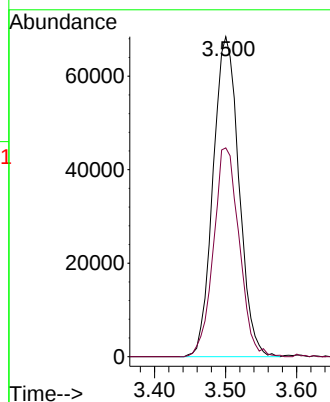
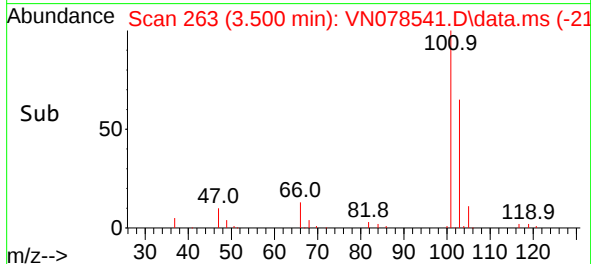
Instrument :
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 ClientSampleId :
 VN0717MBS01



Tgt Ion:101 Resp: 172929
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.7 76.1

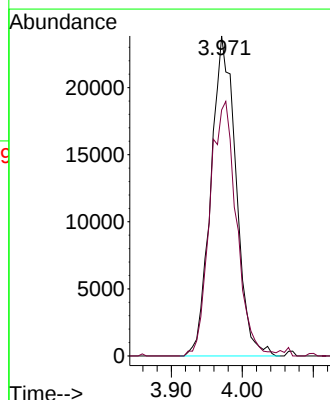
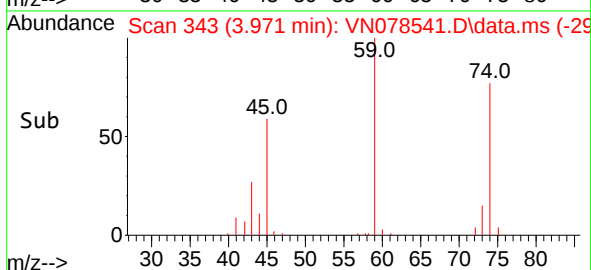
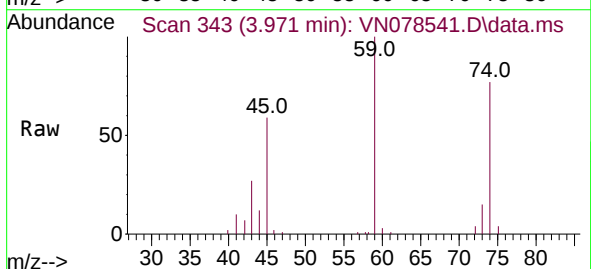
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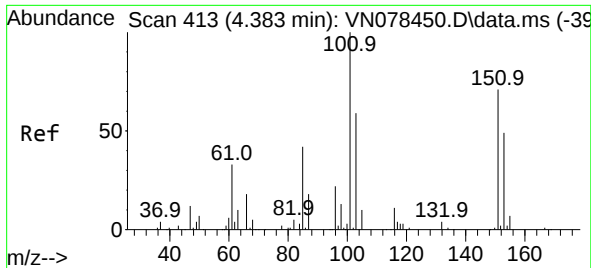
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#8
 Diethyl Ether
 Concen: 19.226 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078541.D
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Tgt Ion: 74 Resp: 58351
 Ion Ratio Lower Upper
 74 100
 45 84.7 34.4 103.3





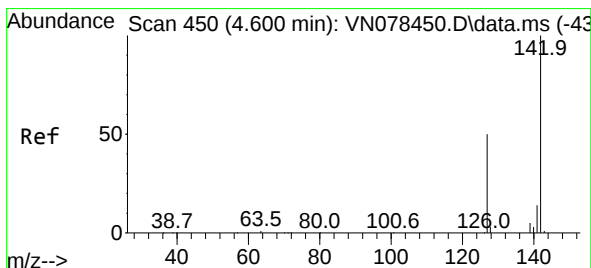
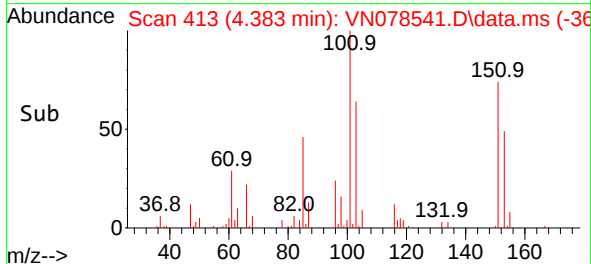
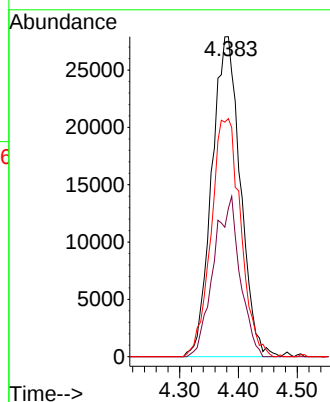
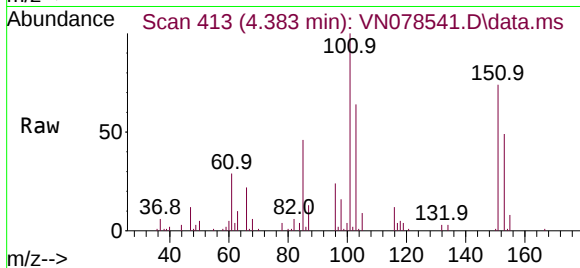
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.510 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion:101 Resp: 9408
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 76.9 57.6 86.4

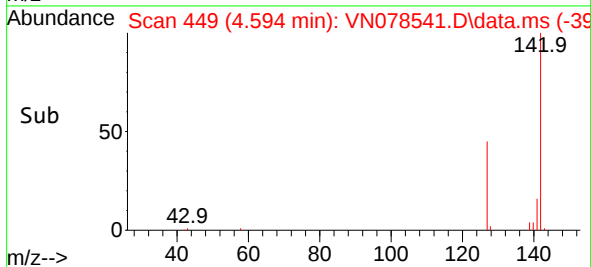
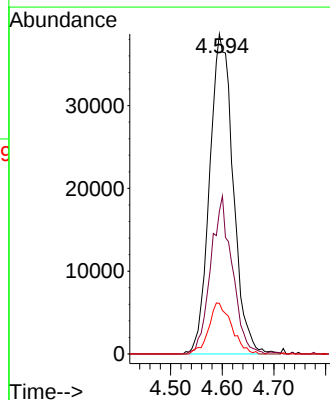
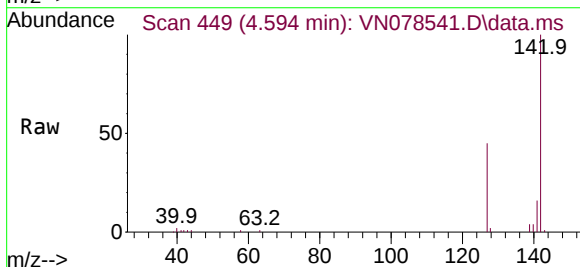
Manual Integrations
APPROVED

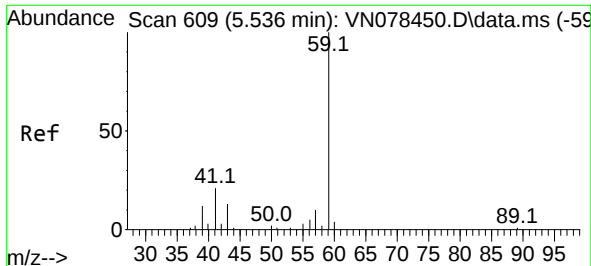
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 18.434 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Tgt Ion:142 Resp: 122154
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 15.8 11.4 17.0





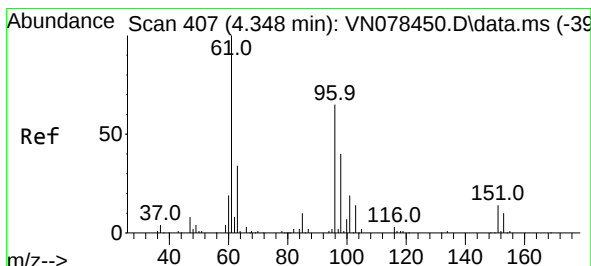
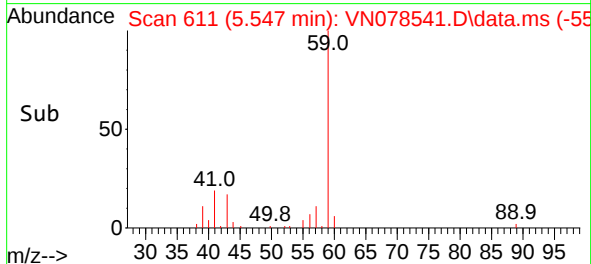
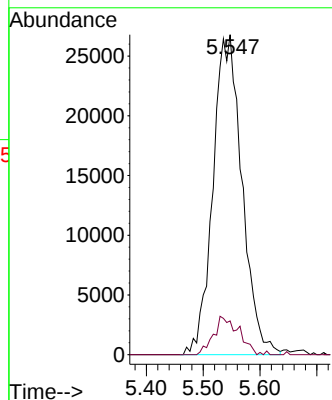
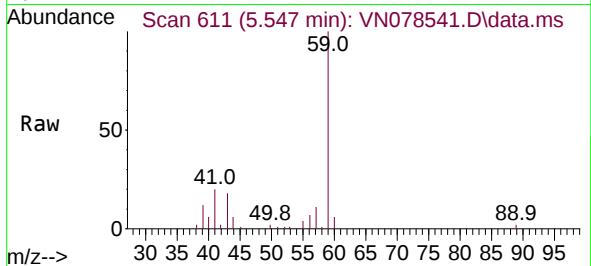
#11
Tert butyl alcohol
Concen: 103.971 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion: 59 Resp: 9501
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

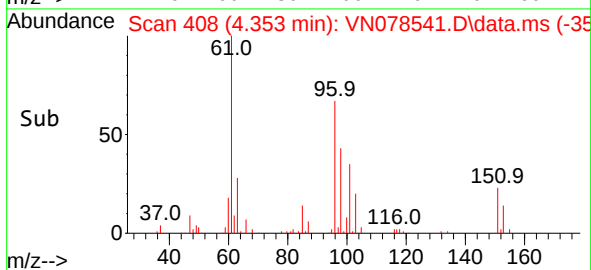
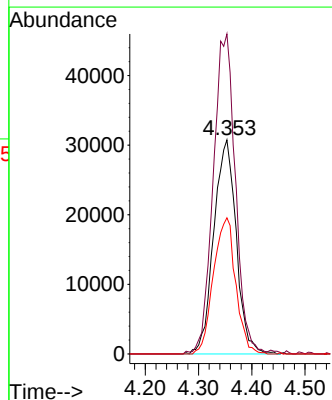
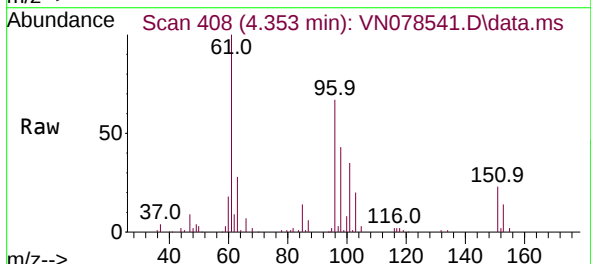
Manual Integrations
APPROVED

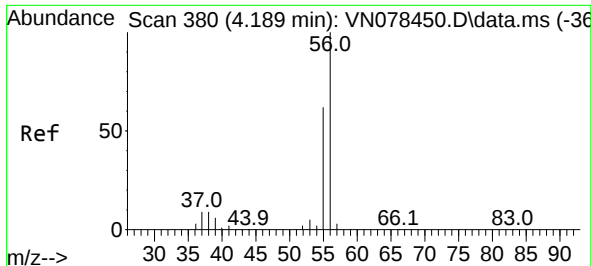
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 19.316 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

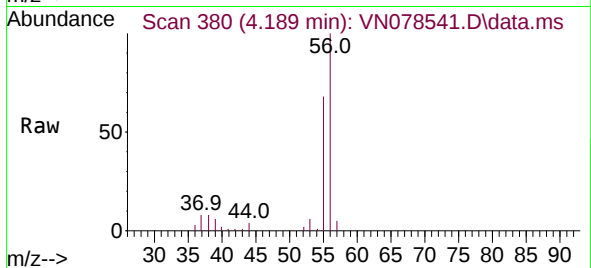
Tgt Ion: 96 Resp: 90101
Ion Ratio Lower Upper
96 100
61 149.4 112.7 169.1
98 63.6 51.2 76.8





#13
Acrolein
Concen: 105.147 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

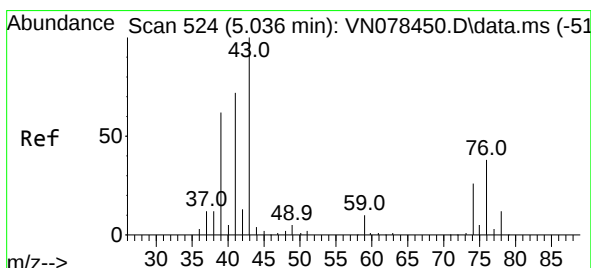
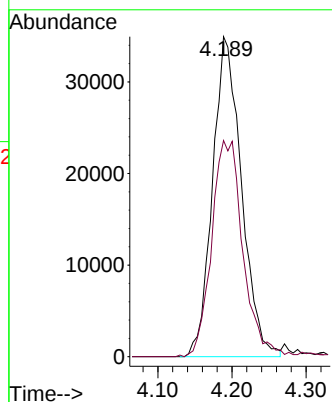
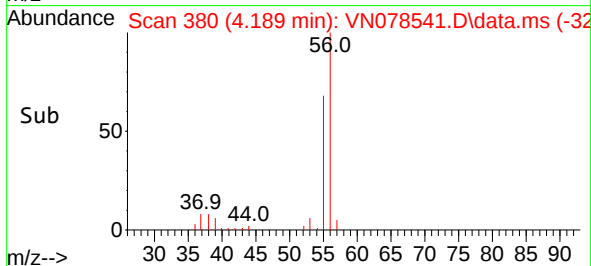
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



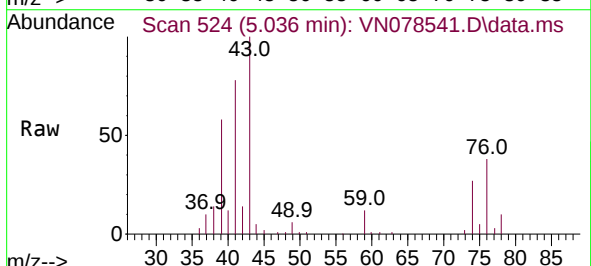
Tgt Ion: 56 Resp: 94539
Ion Ratio Lower Upper
56 100
55 73.0 54.5 81.7

Manual Integrations
APPROVED

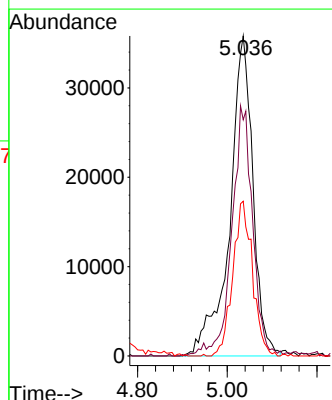
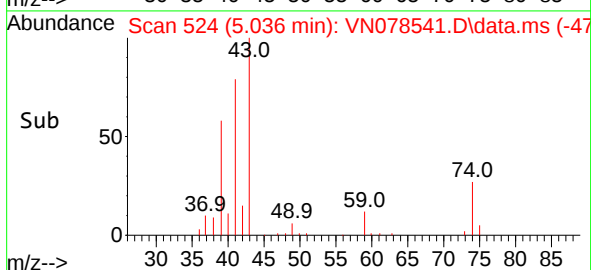
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

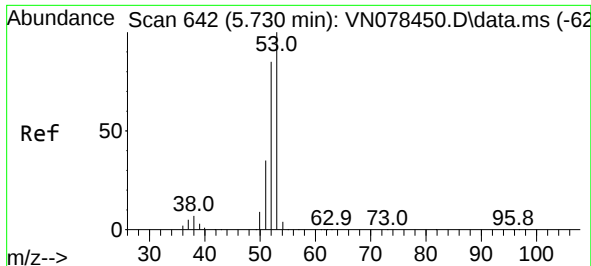


#14
Allyl chloride
Concen: 20.198 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



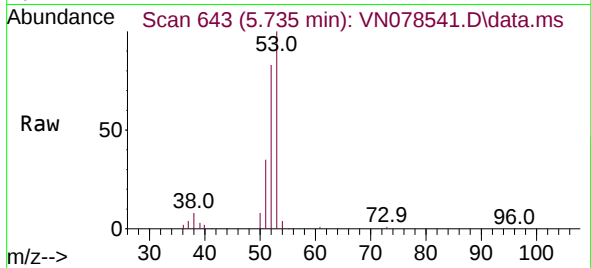
Tgt Ion: 41 Resp: 128739
Ion Ratio Lower Upper
41 100
39 66.6 58.8 88.2
76 41.1 39.1 58.7





#15
Acrylonitrile
Concen: 102.781 ug/l
RT: 5.735 min Scan# 642
Delta R.T. 0.005 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

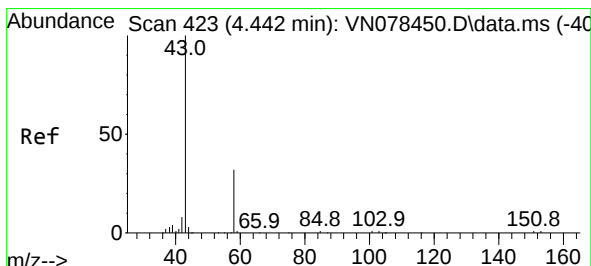
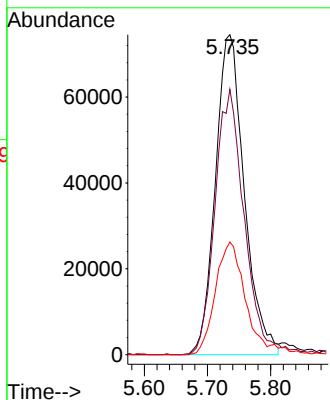
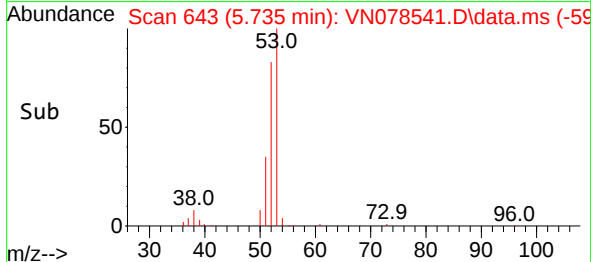
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 53 Resp: 237318
Ion Ratio Lower Upper
53 100
52 84.5 65.3 97.9
51 37.4 28.9 43.3

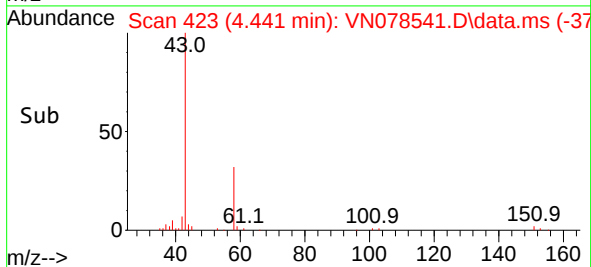
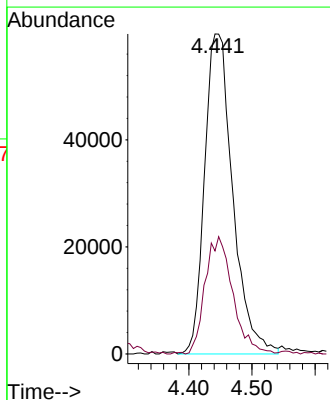
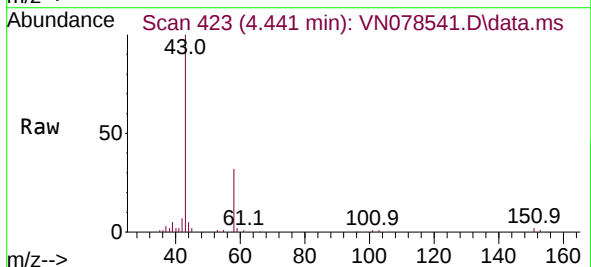
Manual Integrations
APPROVED

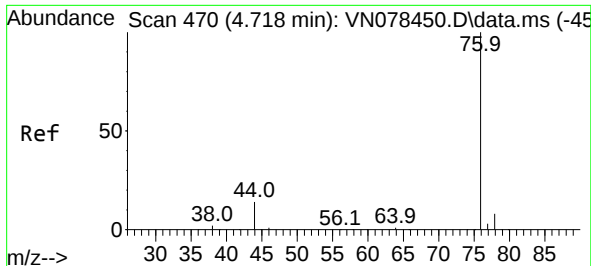
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 100.466 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

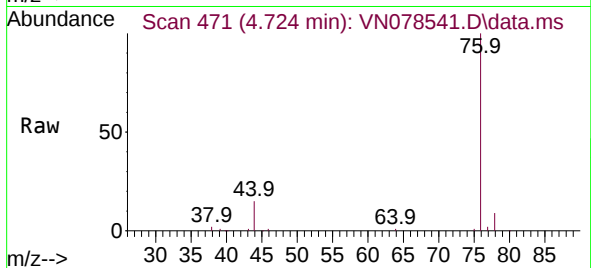
Tgt Ion: 43 Resp: 185465
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0





#17
Carbon Disulfide
Concen: 16.227 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

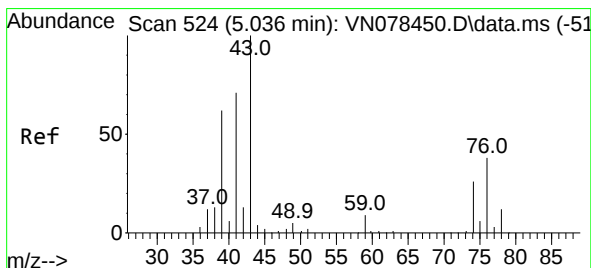
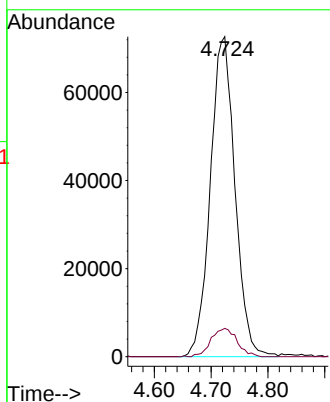
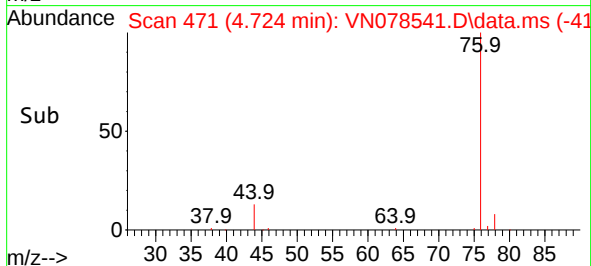
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



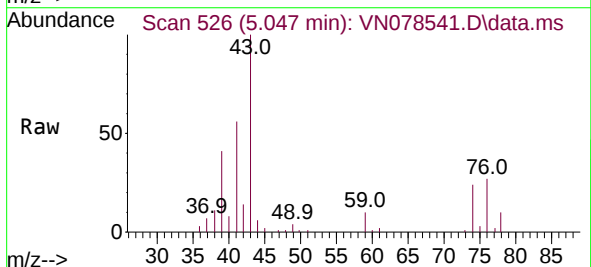
Tgt Ion: 76 Resp: 21887
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
APPROVED

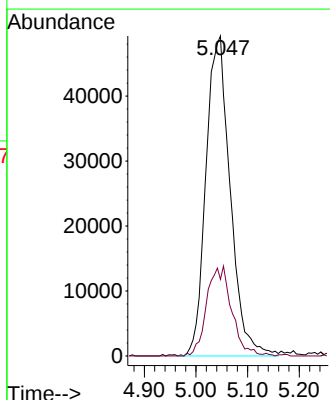
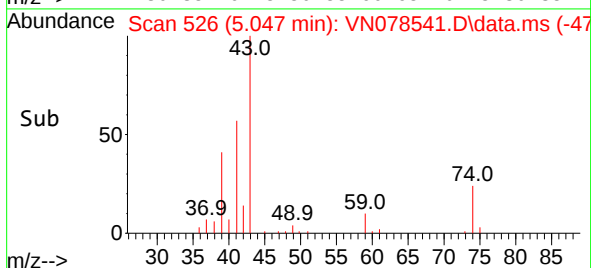
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

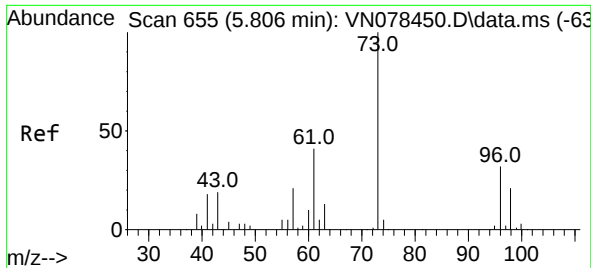


#18
Methyl Acetate
Concen: 20.581 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



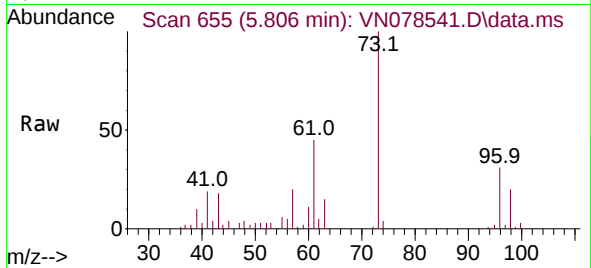
Tgt Ion: 43 Resp: 160832
Ion Ratio Lower Upper
43 100
74 28.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.824 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

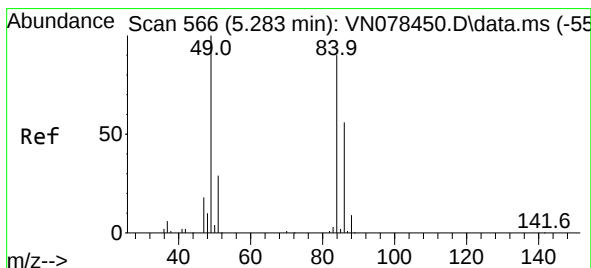
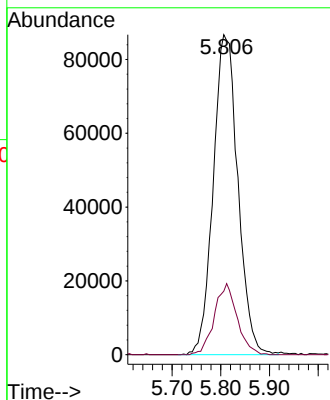
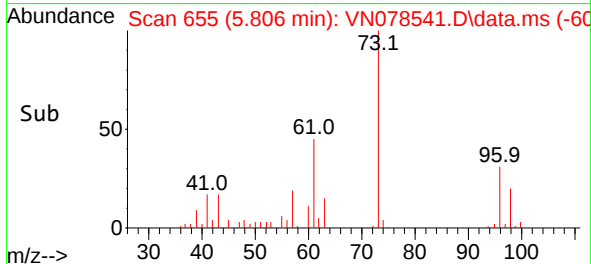
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 73 Resp: 304674
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4

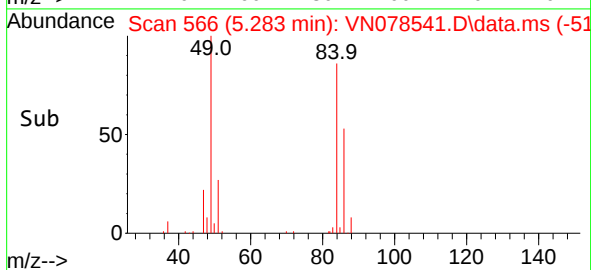
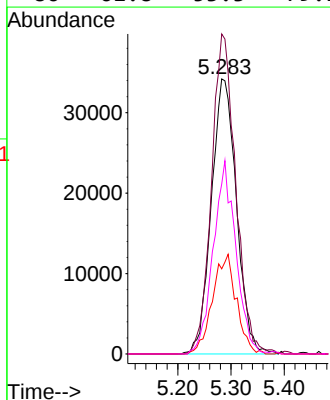
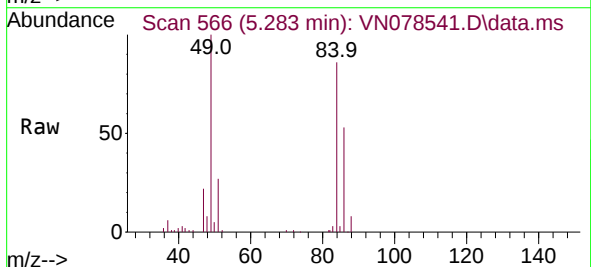
Manual Integrations
APPROVED

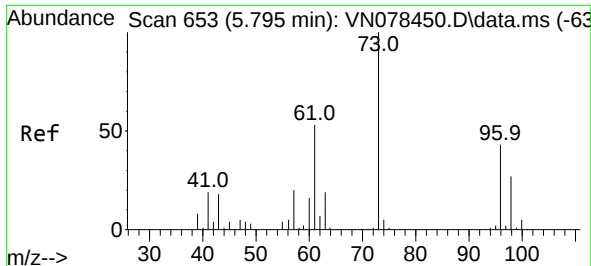
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 20.438 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

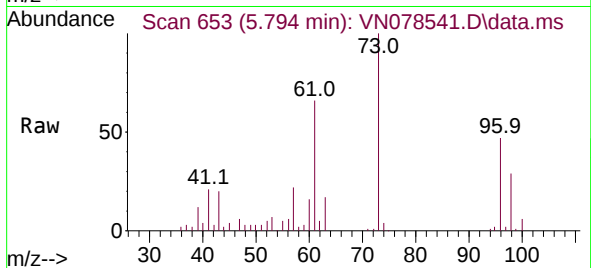
Tgt Ion: 84 Resp: 112050
Ion Ratio Lower Upper
84 100
49 116.3 79.7 119.5
51 30.9 25.2 37.8
86 61.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.471 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

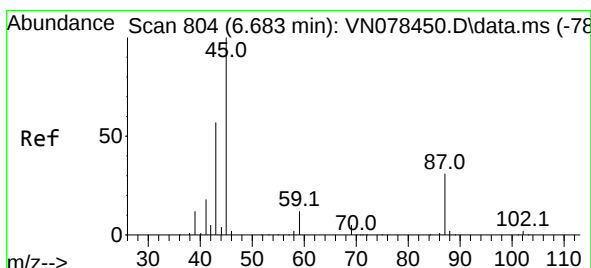
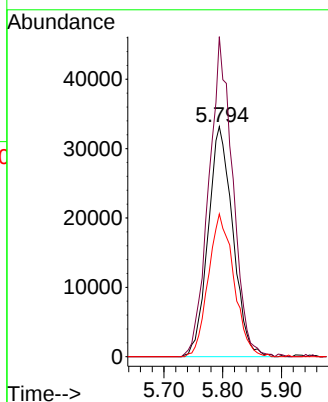
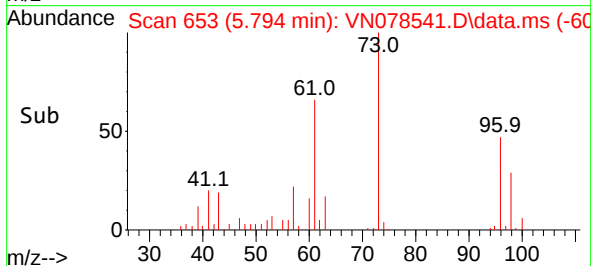
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 96 Resp: 9709
Ion Ratio Lower Upper
96 100
61 139.1 90.1 135.1
98 62.0 46.4 69.6

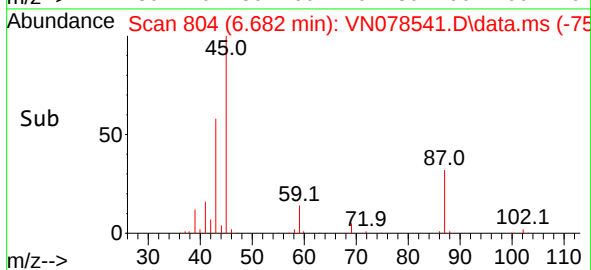
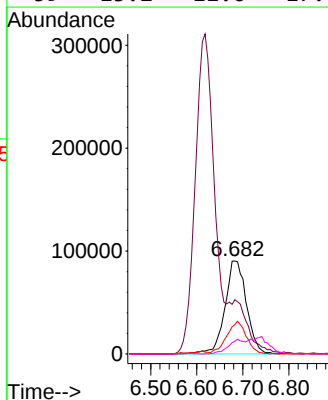
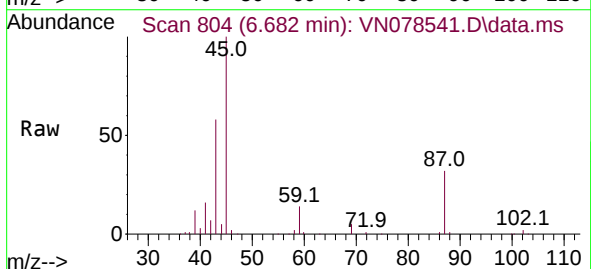
Manual Integrations
APPROVED

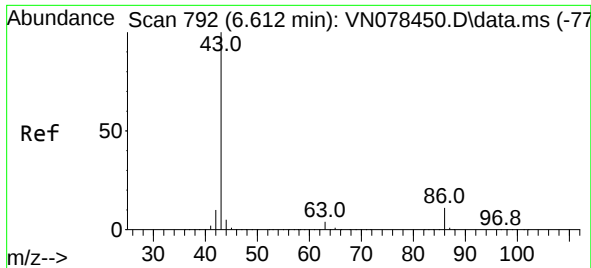
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 20.493 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

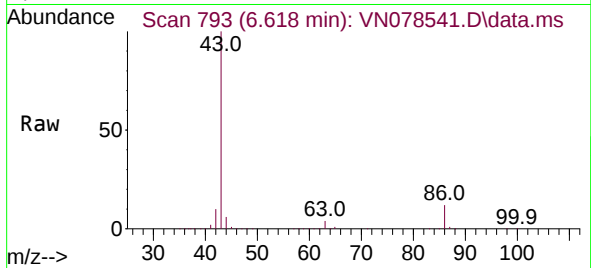
Tgt Ion: 45 Resp: 292479
Ion Ratio Lower Upper
45 100
43 56.5 45.5 68.3
87 31.4 31.8 47.8
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 98.956 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078541.D
 Acq: 17 Jul 2023 14:24

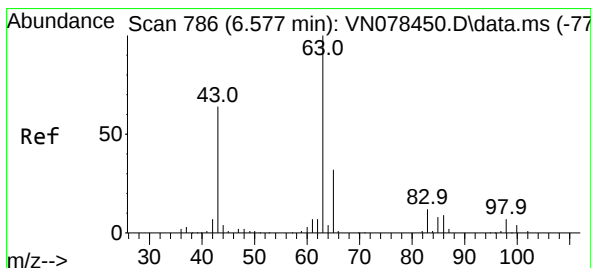
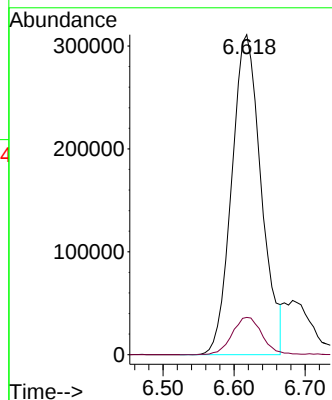
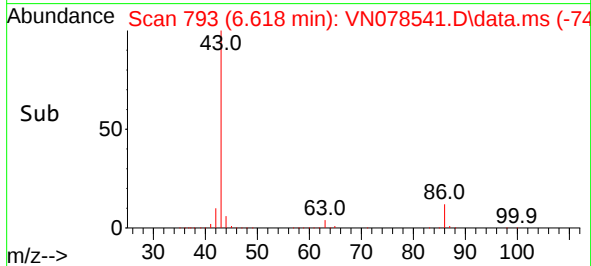
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01



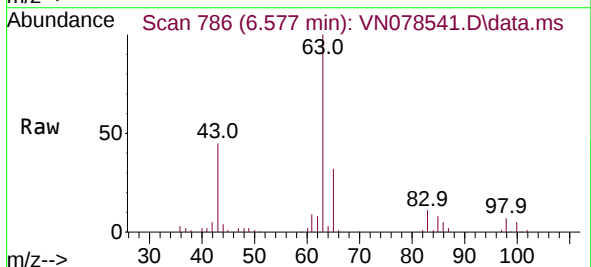
Tgt Ion: 43 Resp: 897852
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6

Manual Integrations
 APPROVED

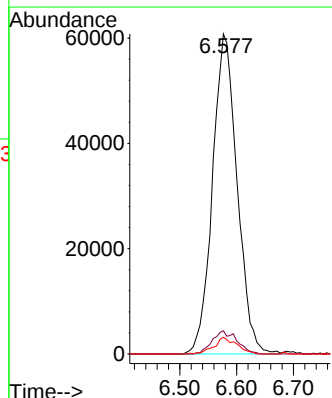
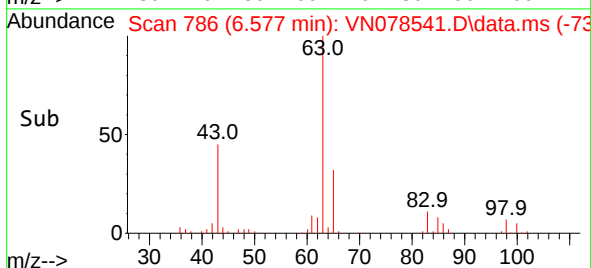
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

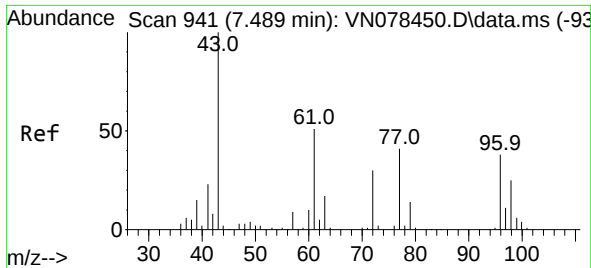


#24
 1,1-Dichloroethane
 Concen: 19.022 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078541.D
 Acq: 17 Jul 2023 14:24



Tgt Ion: 63 Resp: 182931
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.2 2.5 7.4





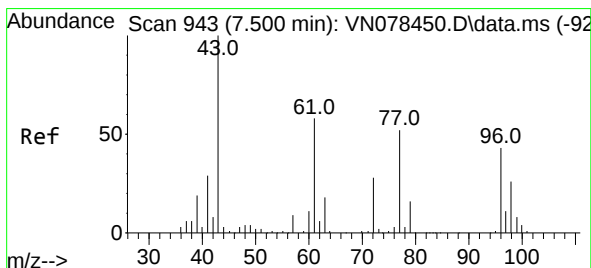
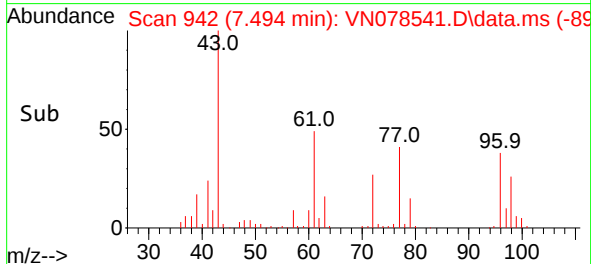
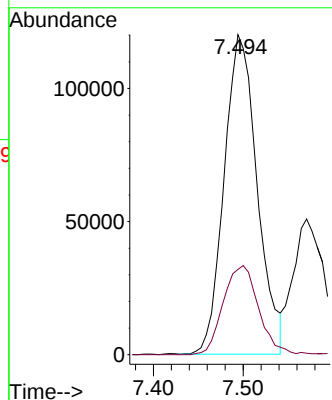
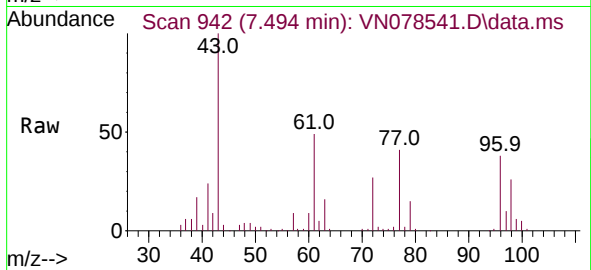
#25
2-Butanone
Concen: 105.875 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion: 43 Resp: 30766
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2

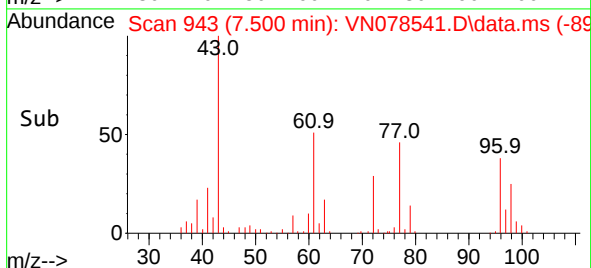
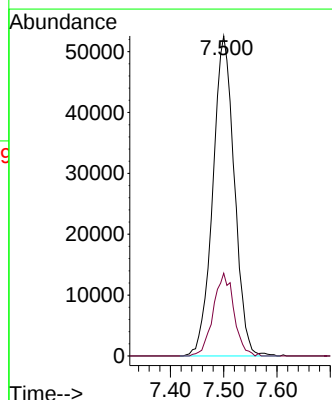
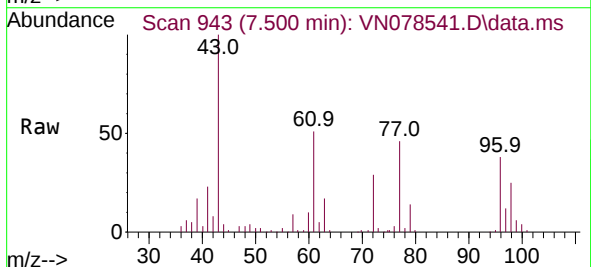
Manual Integrations
APPROVED

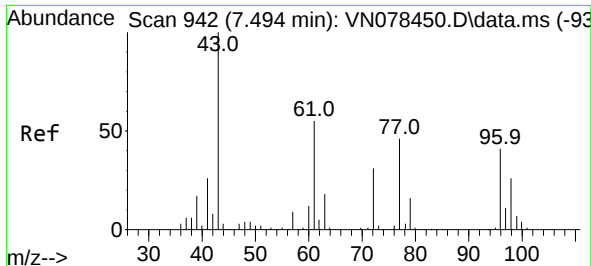
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#26
2,2-Dichloropropane
Concen: 18.736 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

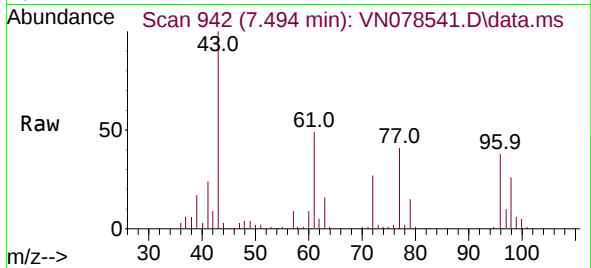
Tgt Ion: 77 Resp: 147367
Ion Ratio Lower Upper
77 100
97 24.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.397 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078541.D
 Acq: 17 Jul 2023 14:24

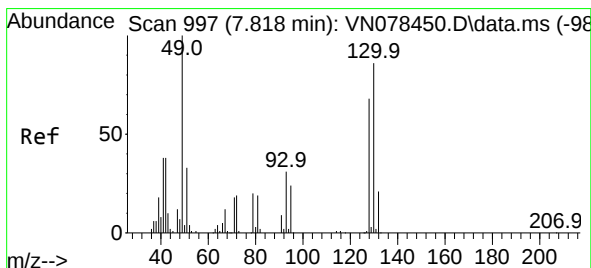
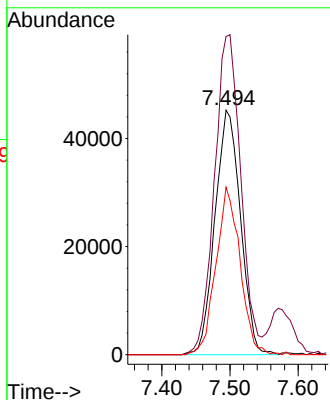
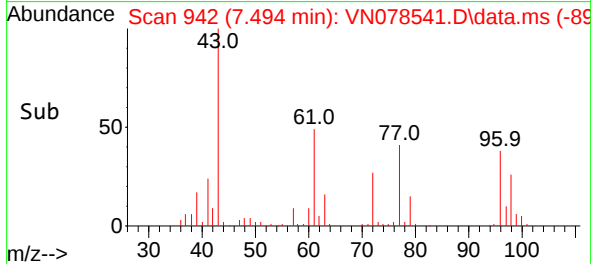
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01



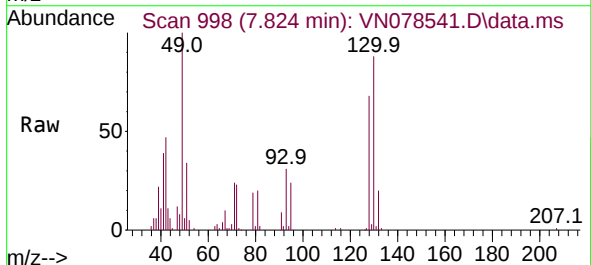
Tgt Ion: 96 Resp: 11795
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 255.2
 98 64.8 0.0 128.8

Manual Integrations
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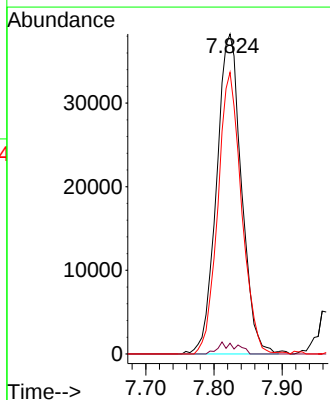
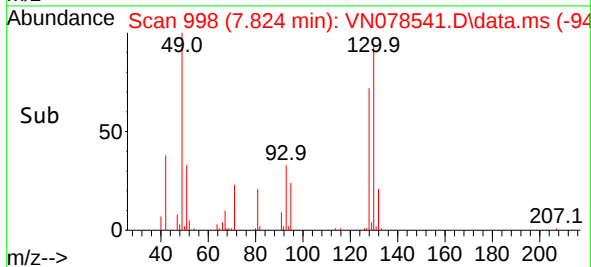
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

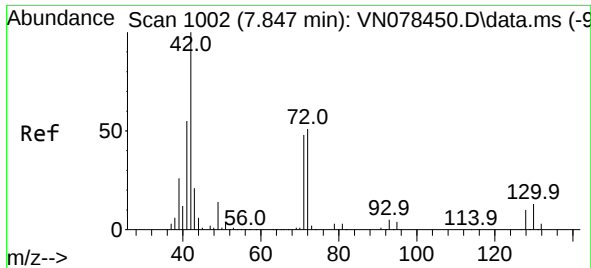


#28
 Bromochloromethane
 Concen: 21.479 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078541.D
 Acq: 17 Jul 2023 14:24



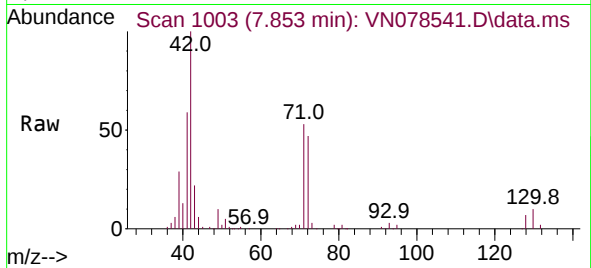
Tgt Ion: 49 Resp: 97292
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 83.6 75.3 112.9





#29
Tetrahydrofuran
Concen: 100.707 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

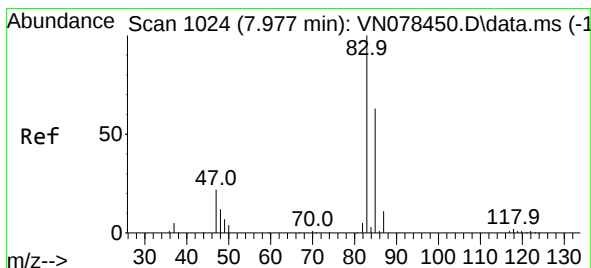
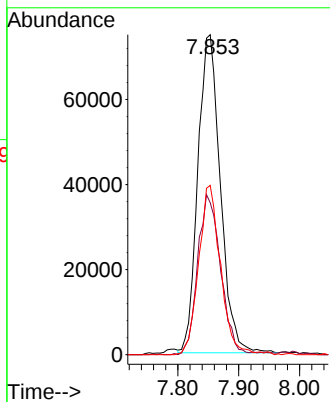
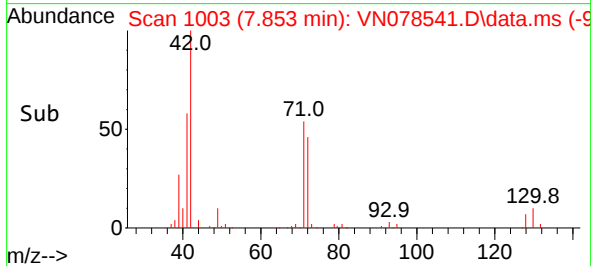
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 42 Resp: 19202
Ion Ratio Lower Upper
42 100
72 51.1 49.8 74.6
71 51.4 47.4 71.2

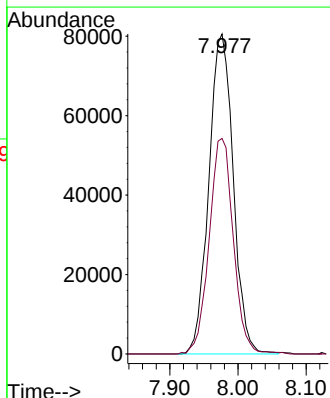
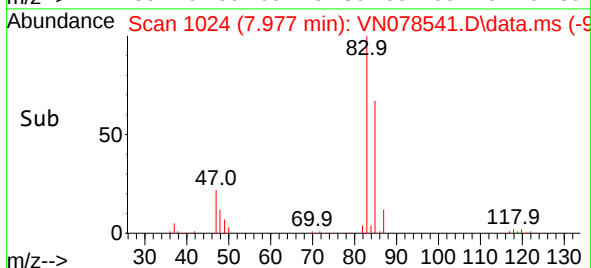
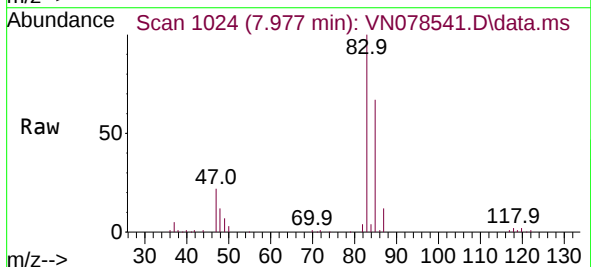
Manual Integrations
APPROVED

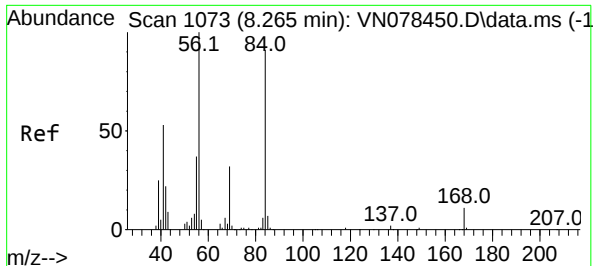
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#30
Chloroform
Concen: 20.071 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

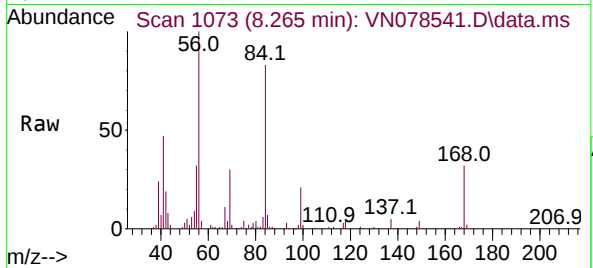
Tgt Ion: 83 Resp: 200951
Ion Ratio Lower Upper
83 100
85 67.4 55.4 83.0





#31
Cyclohexane
Concen: 18.272 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

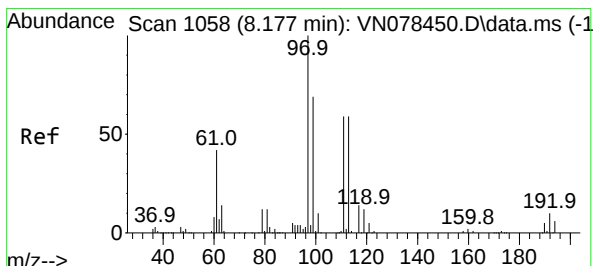
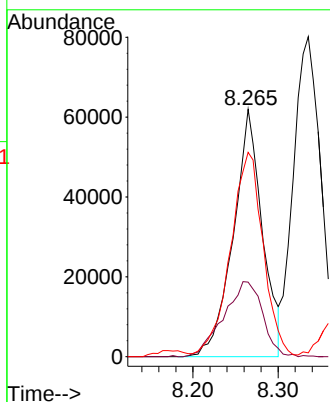
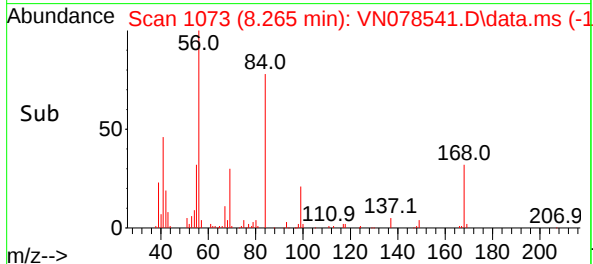
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 56 Resp: 14634
Ion Ratio Lower Upper
56 100
69 30.2 26.8 40.2
84 80.2 81.8 122.6

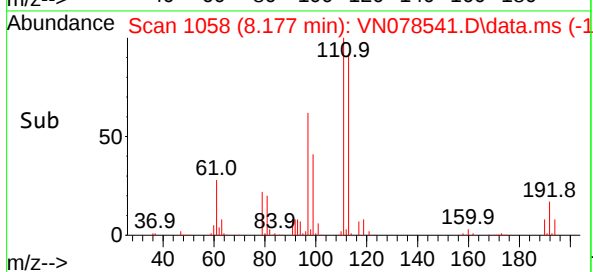
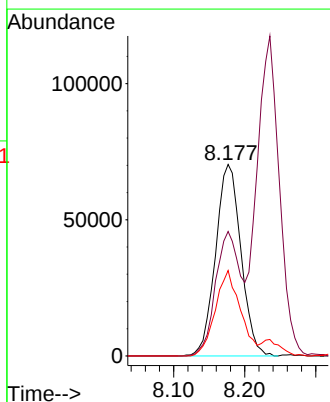
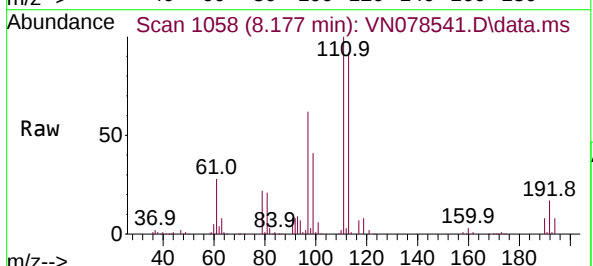
Manual Integrations
APPROVED

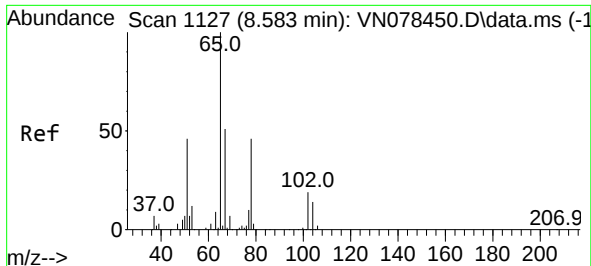
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 19.417 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Tgt Ion: 97 Resp: 174303
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 44.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.258 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 65 Resp: 309700

Ion Ratio Lower Upper

65 100

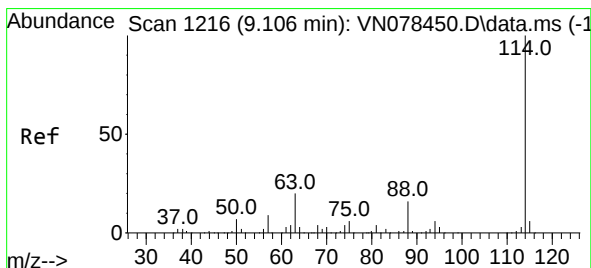
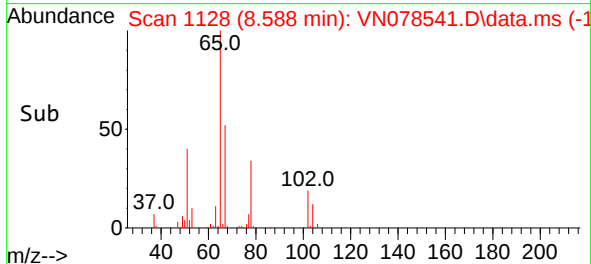
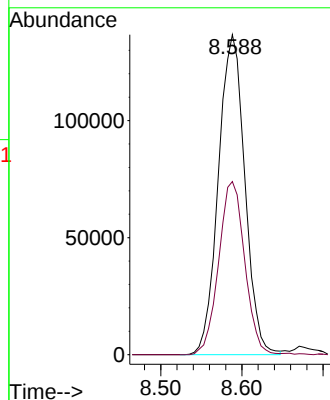
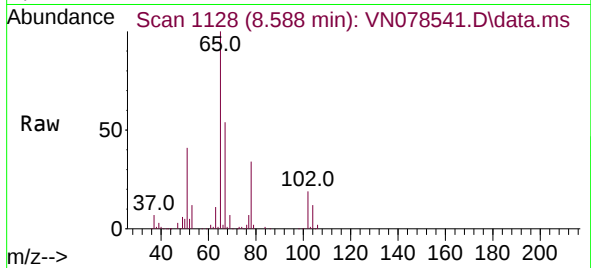
67 53.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

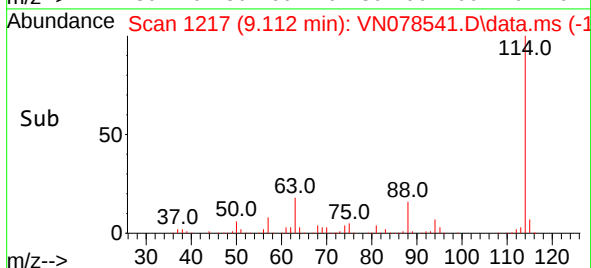
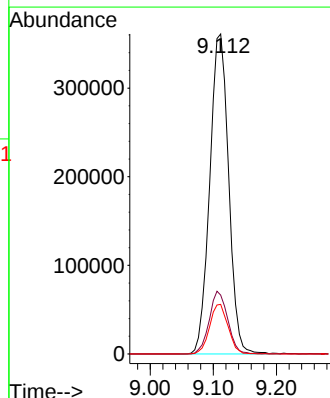
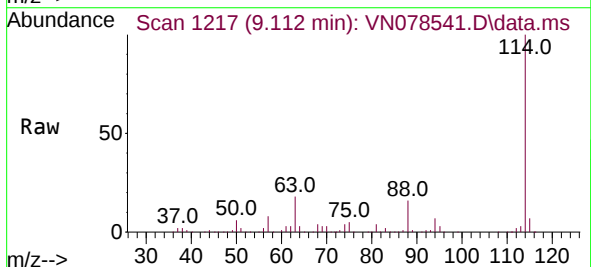
Tgt Ion:114 Resp: 750648

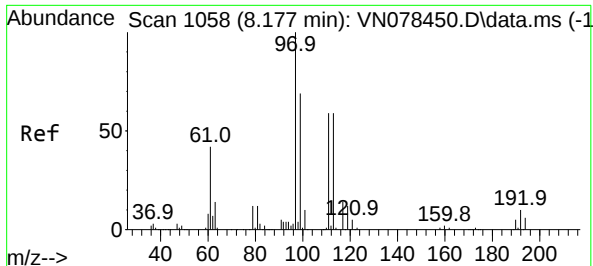
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.531 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 113 Resp: 26768

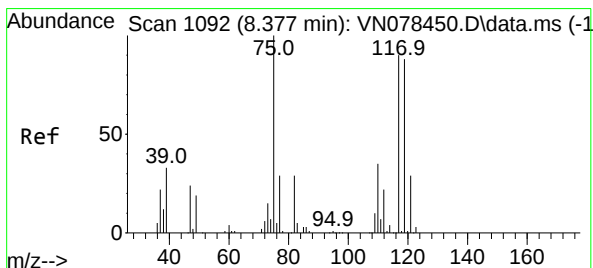
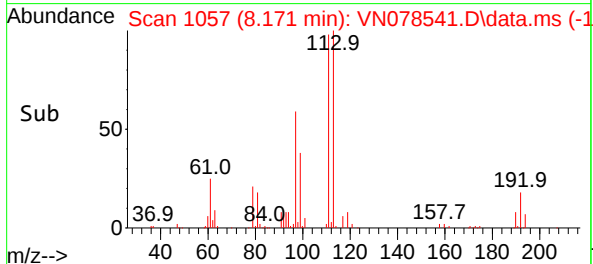
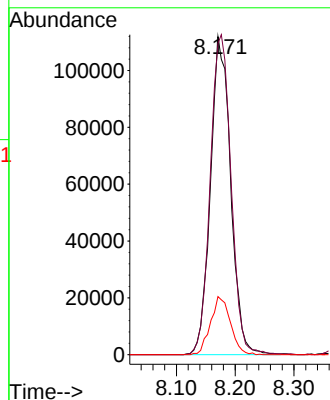
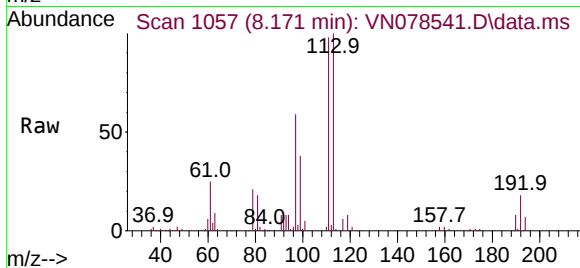
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	17.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#36

1,1-Dichloropropene

Concen: 18.808 ug/l

RT: 8.377 min Scan# 1092

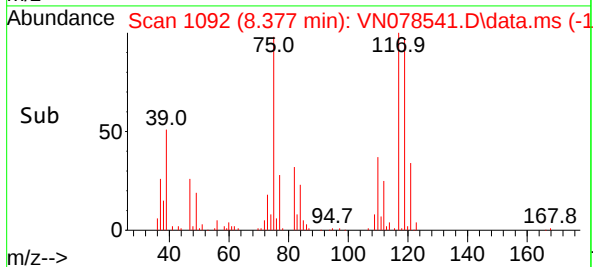
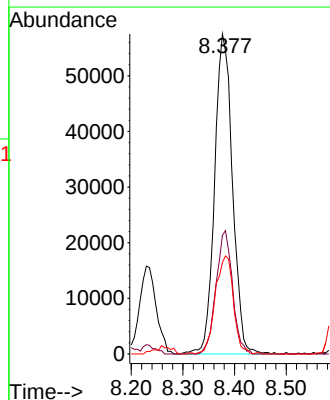
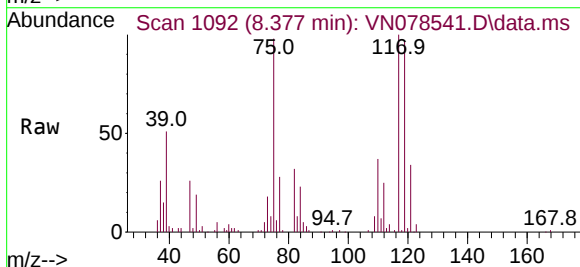
Delta R.T. -0.001 min

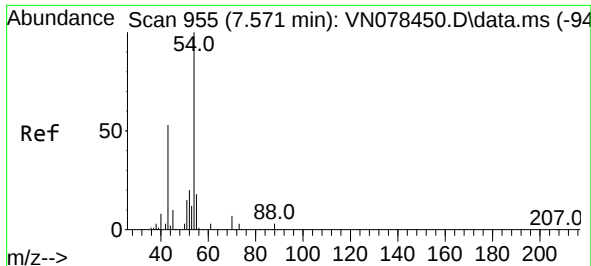
Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Tgt Ion: 75 Resp: 138385

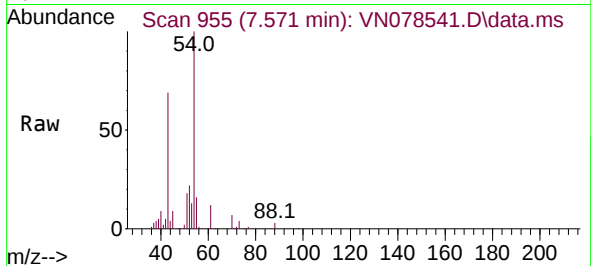
Ion	Ratio	Lower	Upper
75	100		
110	35.6	19.1	57.3
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 20.582 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

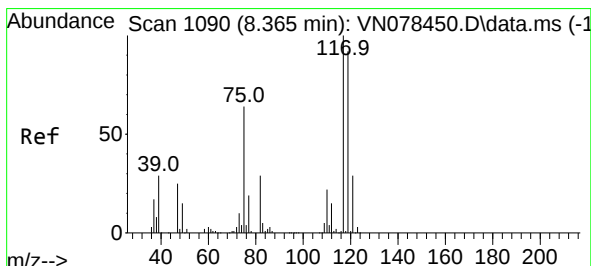
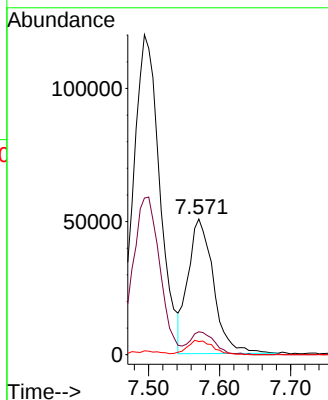
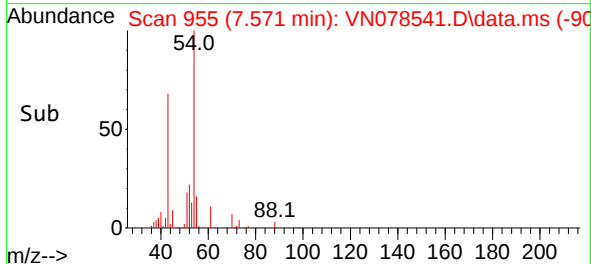
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 43 Resp: 12624
Ion Ratio Lower Upper
43 100
61 16.5 13.2 19.8
70 10.8 11.3 16.9

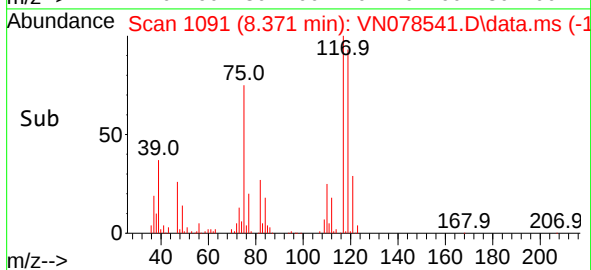
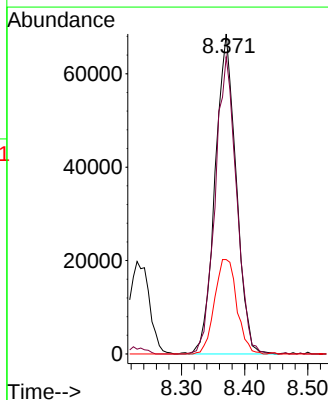
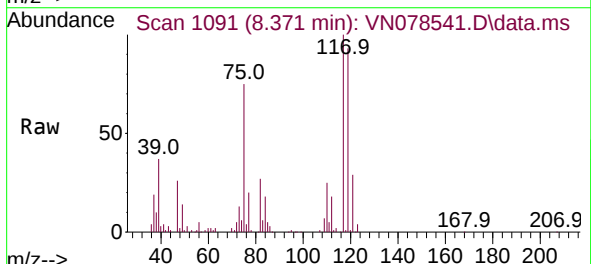
Manual Integrations
APPROVED

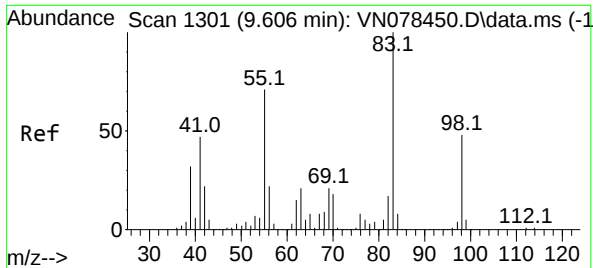
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#38
Carbon Tetrachloride
Concen: 19.808 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

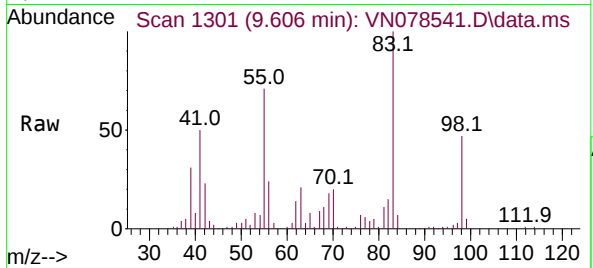
Tgt Ion:117 Resp: 158399
Ion Ratio Lower Upper
117 100
119 92.9 77.3 115.9
121 29.5 23.3 34.9





#39
Methylcyclohexane
Concen: 18.630 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

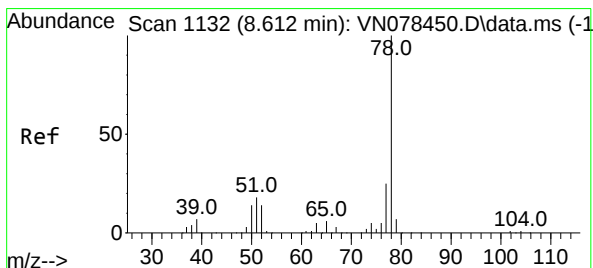
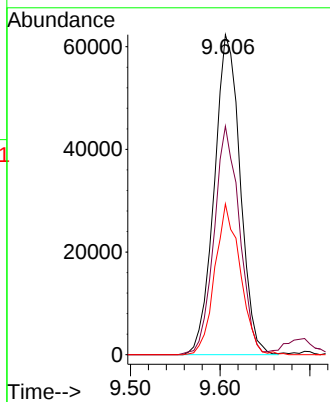
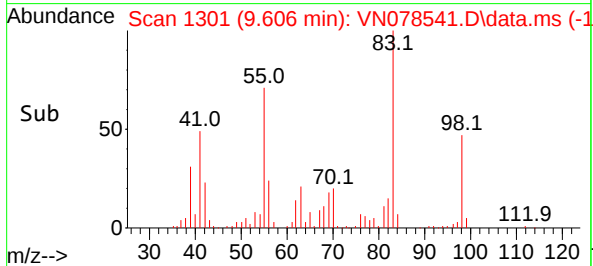
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



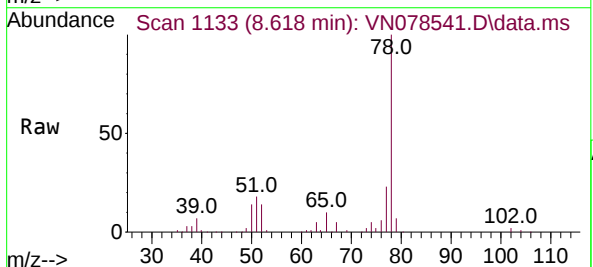
Tgt Ion: 83 Resp: 125119
Ion Ratio Lower Upper
83 100
55 71.4 49.1 73.7
98 47.1 40.6 61.0

Manual Integrations
APPROVED

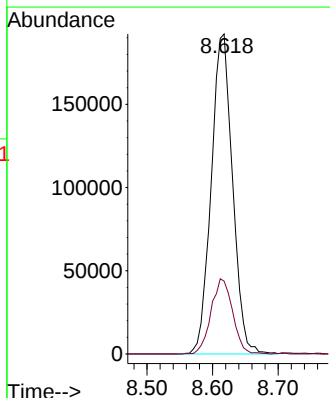
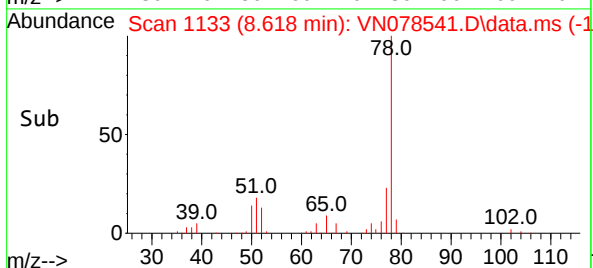
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

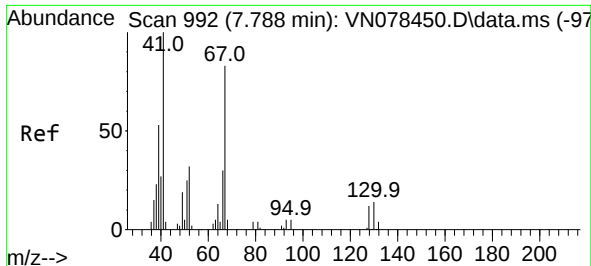


#40
Benzene
Concen: 19.894 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



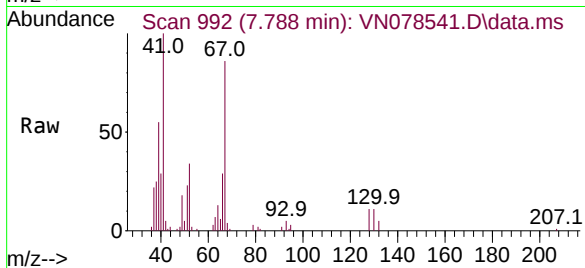
Tgt Ion: 78 Resp: 433650
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 21.729 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

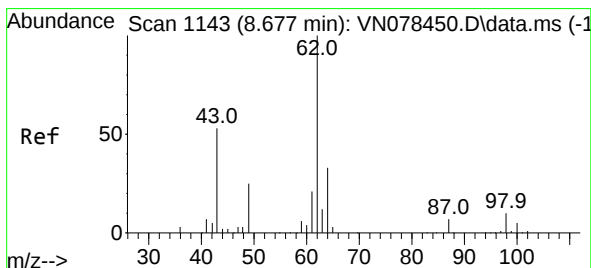
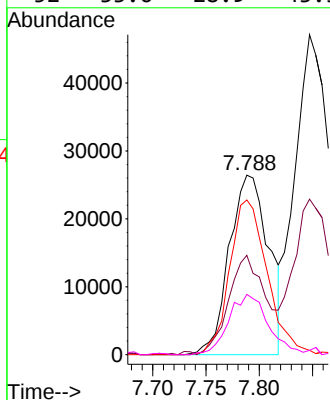
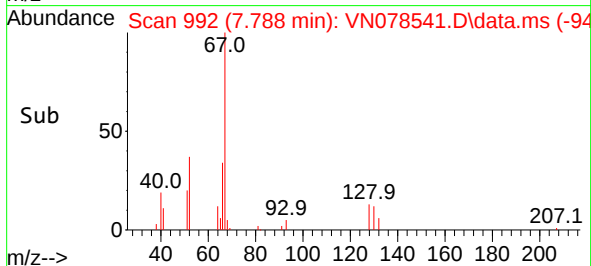
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



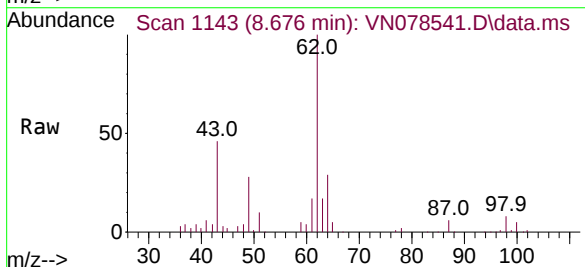
Tgt Ion: 41 Resp: 67942
Ion Ratio Lower Upper
41 100
39 53.0 42.6 64.0
67 82.3 77.5 116.3
52 33.6 28.9 43.3

Manual Integrations
APPROVED

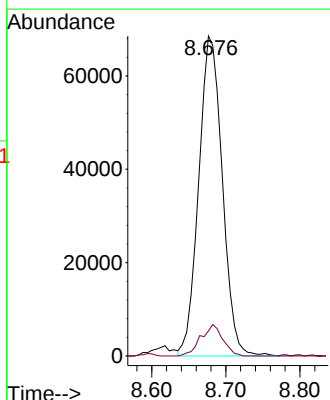
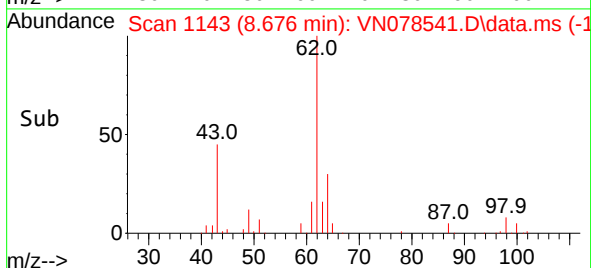
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

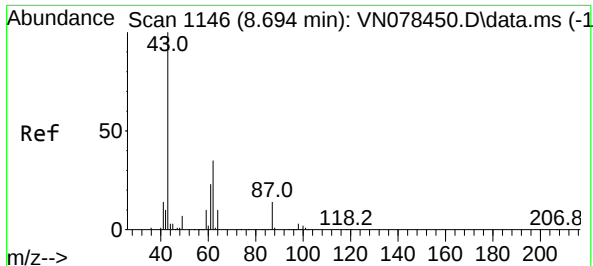


#42
1,2-Dichloroethane
Concen: 20.466 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



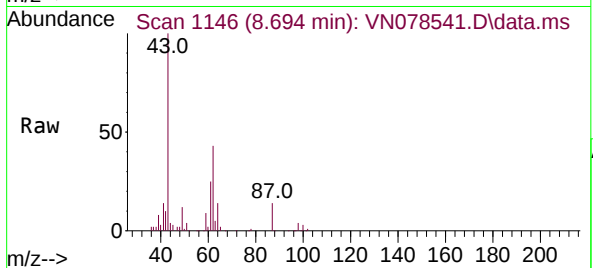
Tgt Ion: 62 Resp: 151742
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 21.669 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

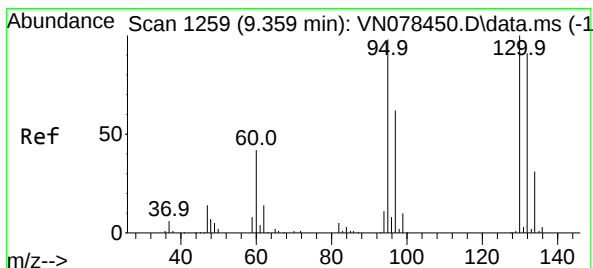
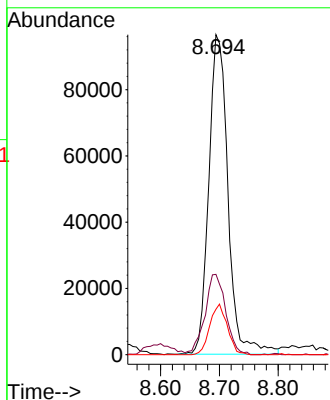
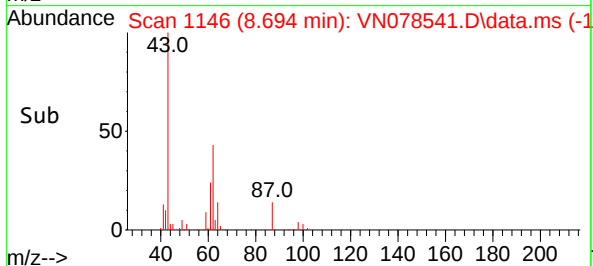
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 43 Resp: 218809
Ion Ratio Lower Upper
43 100
61 27.2 24.7 37.1
87 14.4 14.6 21.8

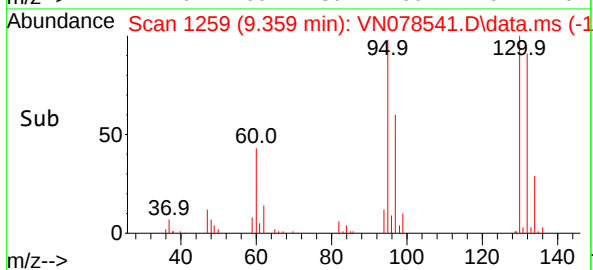
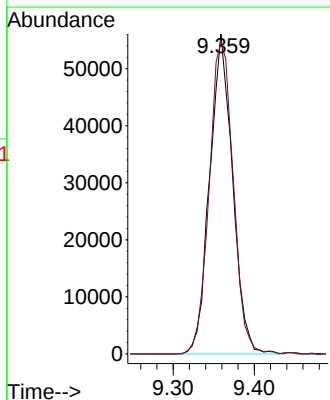
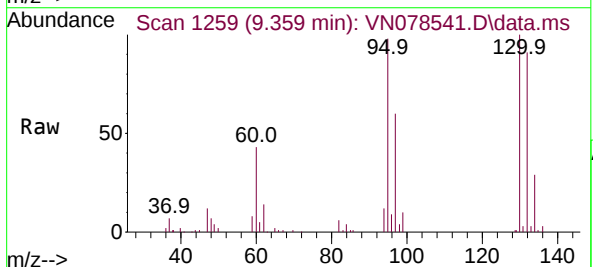
Manual Integrations
APPROVED

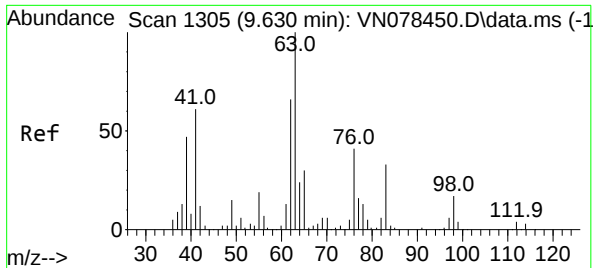
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 18.647 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Tgt Ion:130 Resp: 109546
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.631 ug/l

RT: 9.629 min Scan# 1319

Delta R.T. -0.001 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 63 Resp: 113890

Ion Ratio Lower Upper

63 100

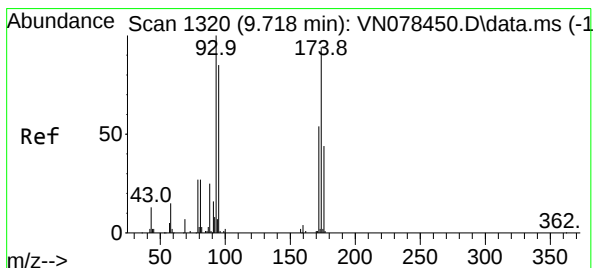
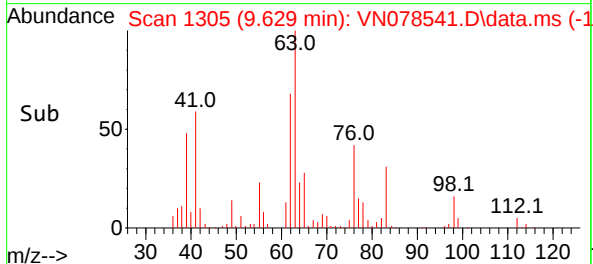
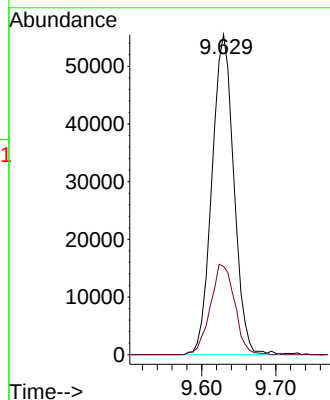
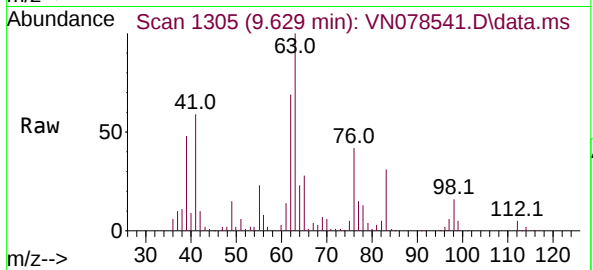
65 27.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 21.301 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

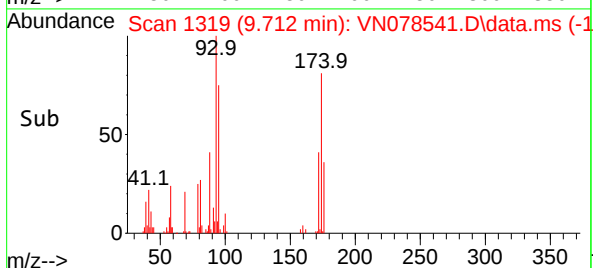
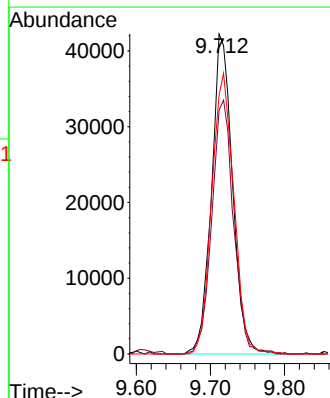
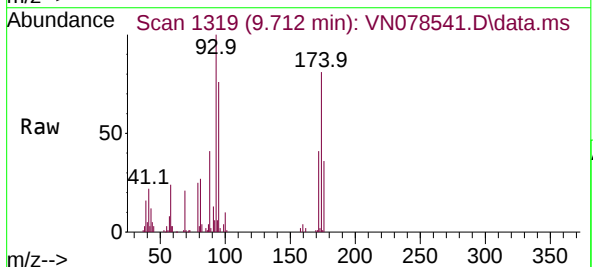
Tgt Ion: 93 Resp: 82767

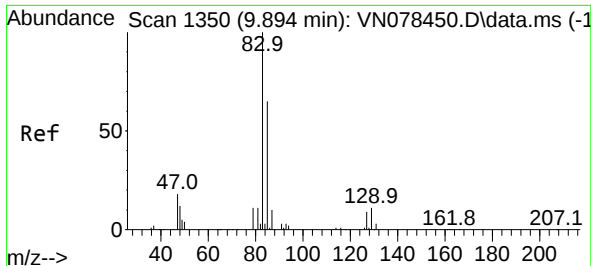
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

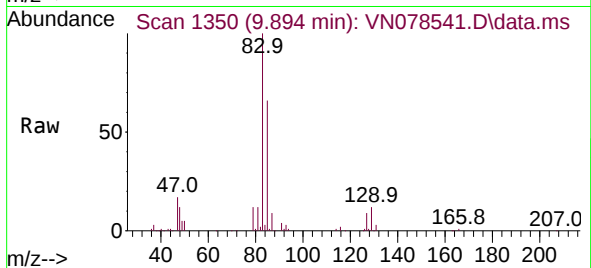
174 92.8 65.6 98.4





#47
Bromodichloromethane
Concen: 20.663 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

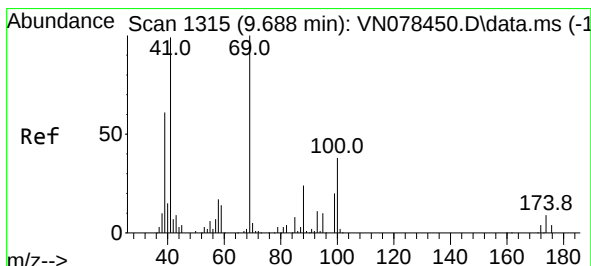
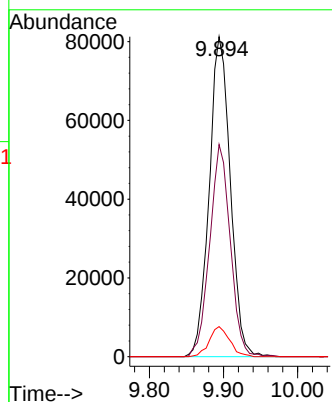
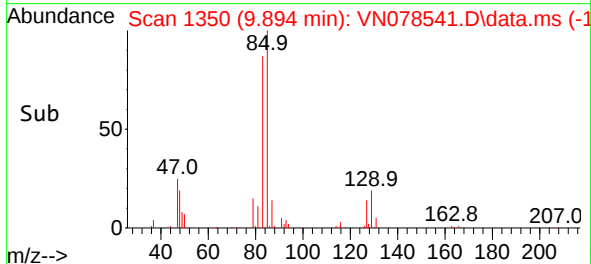
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 83 Resp: 16094
Ion Ratio Lower Upper
83 100
85 66.3 49.6 74.4
127 9.4 7.0 10.6

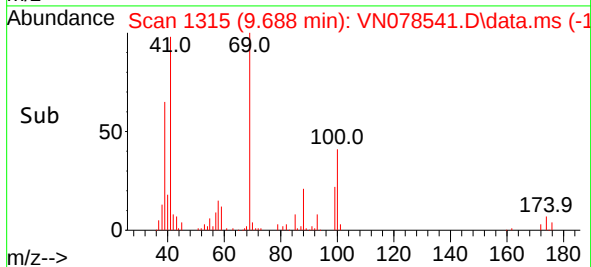
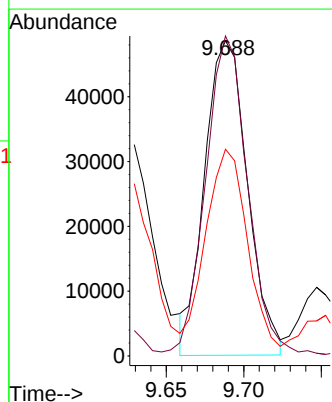
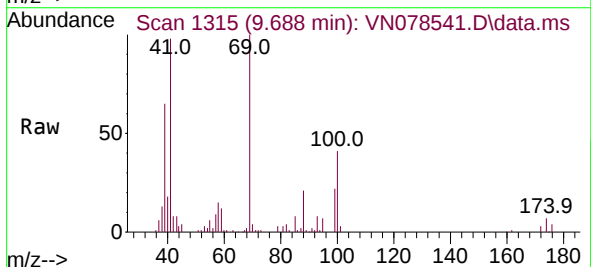
Manual Integrations
APPROVED

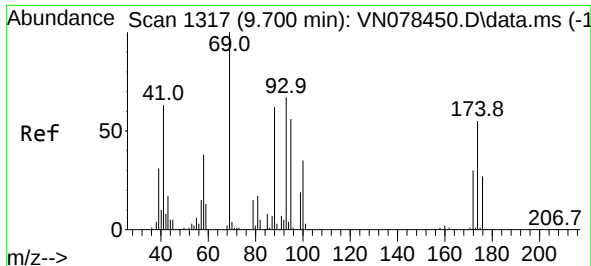
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 19.963 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

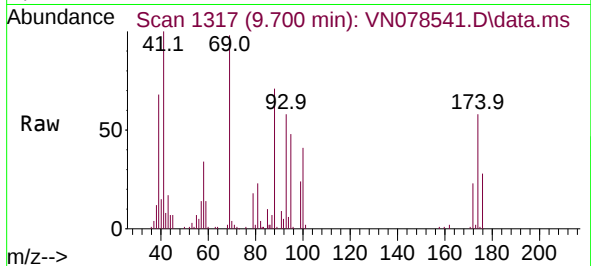
Tgt Ion: 41 Resp: 93394
Ion Ratio Lower Upper
41 100
69 99.3 90.4 135.6
39 64.7 54.6 81.8





#49
1,4-Dioxane
Concen: 436.876 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

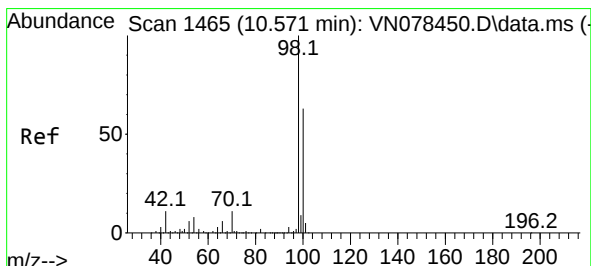
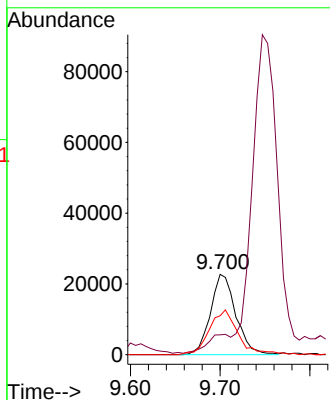
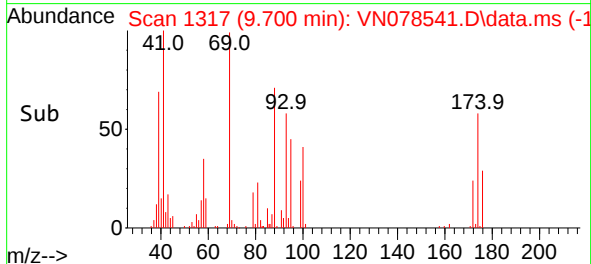
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 88 Resp: 44572
Ion Ratio Lower Upper
88 100
43 21.8 17.0 25.6
58 63.4 47.0 70.4

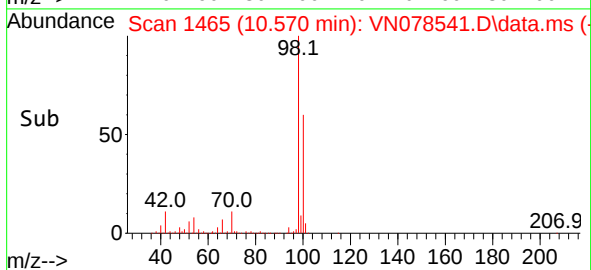
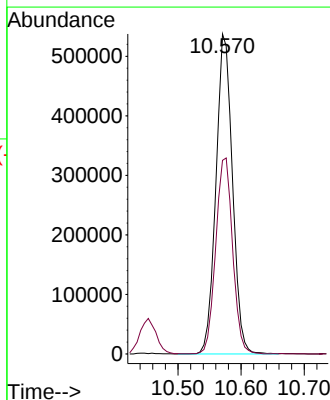
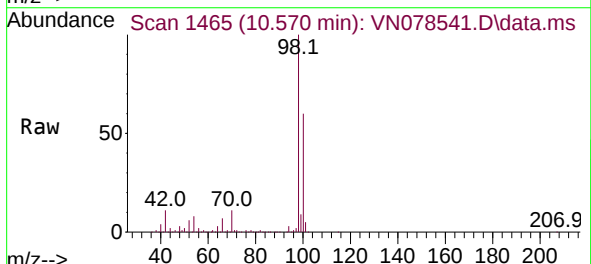
Manual Integrations
APPROVED

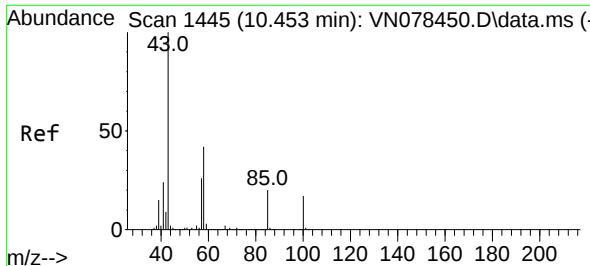
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#50
Toluene-d8
Concen: 50.682 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

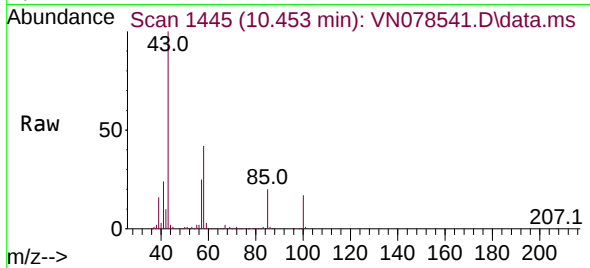
Tgt Ion: 98 Resp: 975617
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 108.143 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

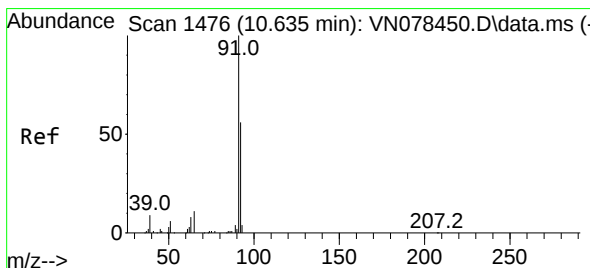
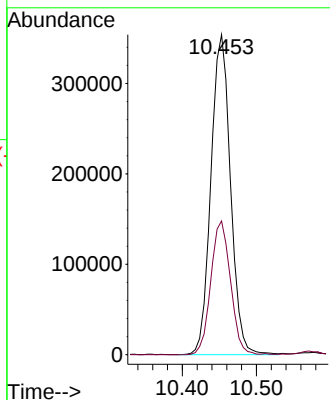
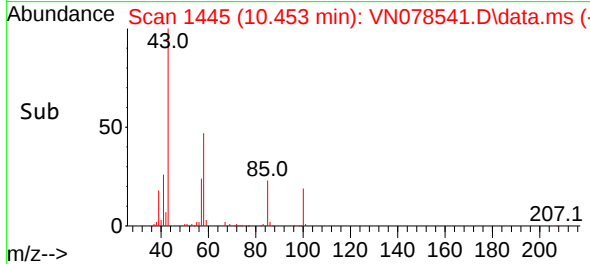
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



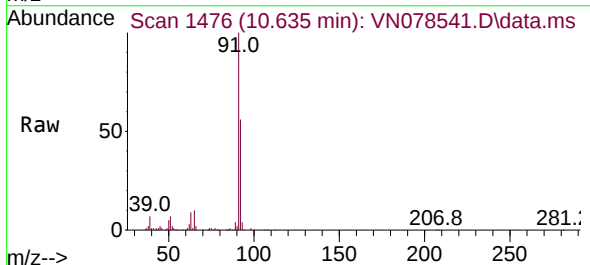
Tgt Ion: 43 Resp: 649548
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8

Manual Integrations
APPROVED

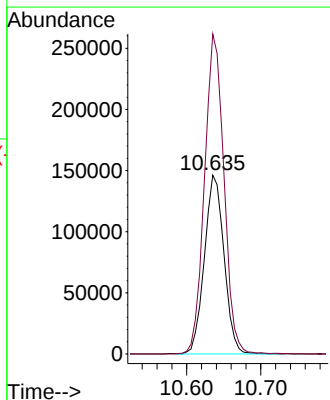
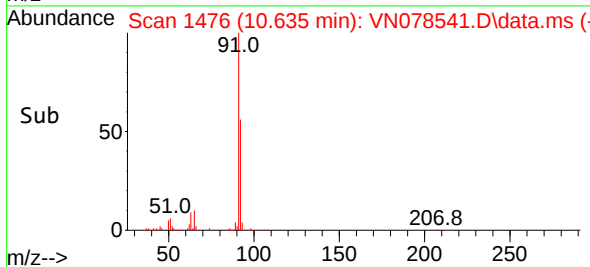
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

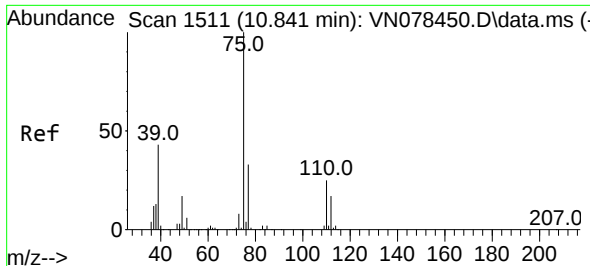


#52
Toluene
Concen: 19.924 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



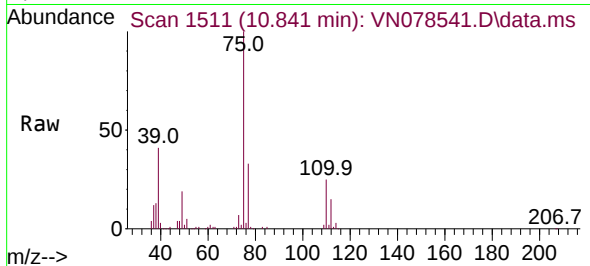
Tgt Ion: 92 Resp: 269163
Ion Ratio Lower Upper
92 100
91 177.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.301 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

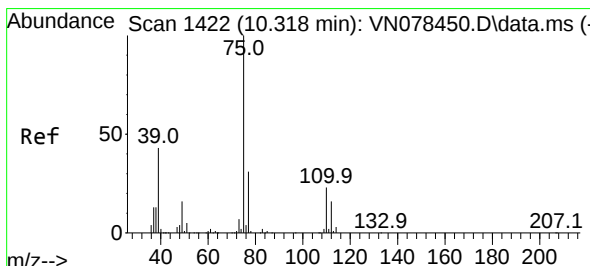
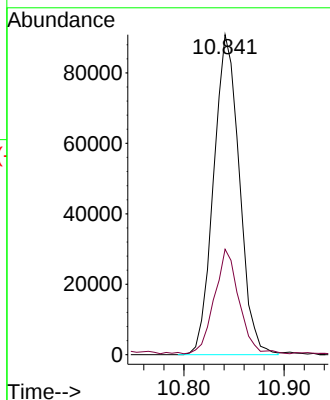
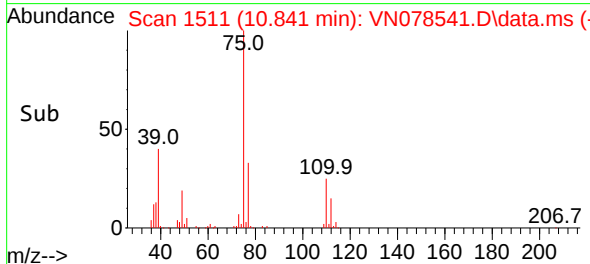
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 75 Resp: 161994
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

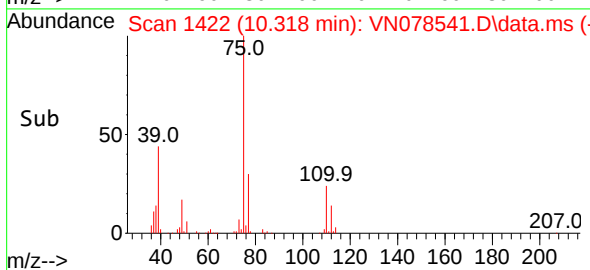
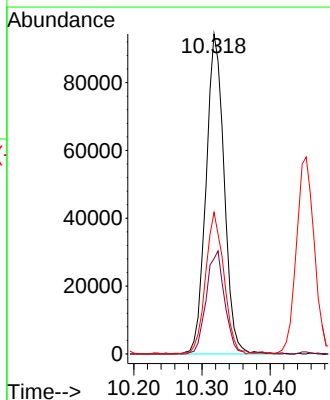
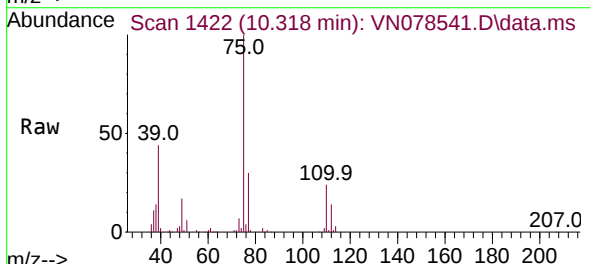
Manual Integrations
APPROVED

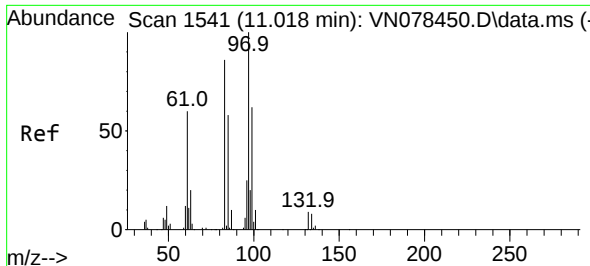
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#54
cis-1,3-Dichloropropene
Concen: 20.518 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

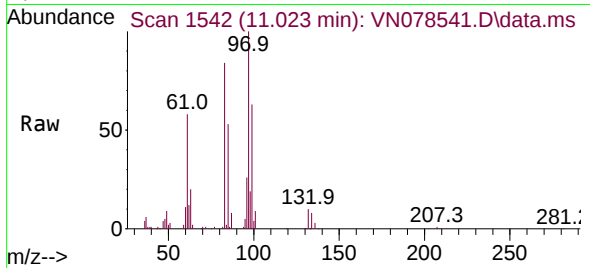
Tgt Ion: 75 Resp: 174519
Ion Ratio Lower Upper
75 100
77 29.6 26.1 39.1
39 44.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.145 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

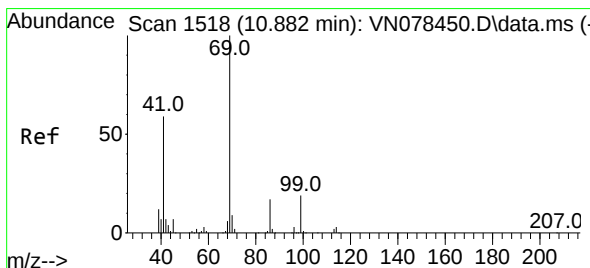
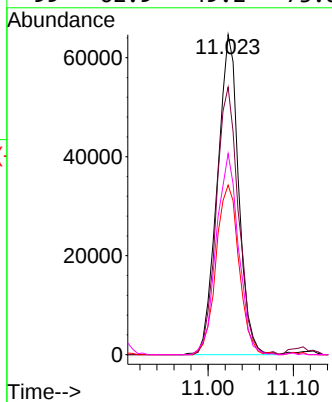
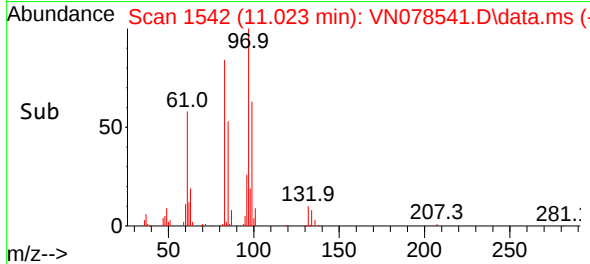
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



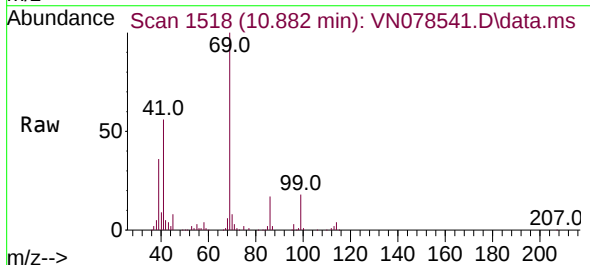
Tgt Ion: 97 Resp: 112550
Ion Ratio Lower Upper
97 100
83 83.6 65.1 97.7
85 53.0 43.4 65.2
99 62.9 49.2 73.8

Manual Integrations
APPROVED

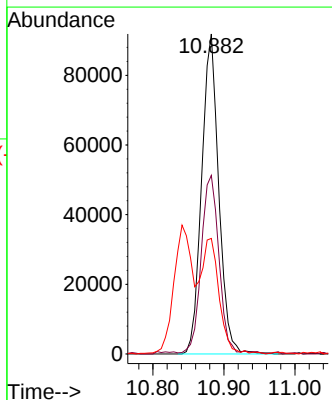
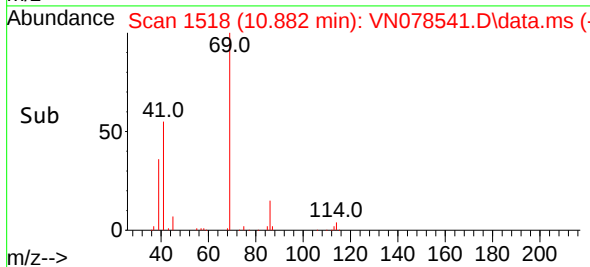
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

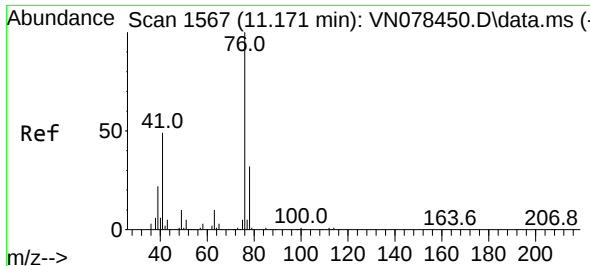


#56
Ethyl methacrylate
Concen: 20.656 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



Tgt Ion: 69 Resp: 153689
Ion Ratio Lower Upper
69 100
41 56.8 39.6 59.4
39 34.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.870 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 76 Resp: 188879

Ion Ratio Lower Upper

76 100

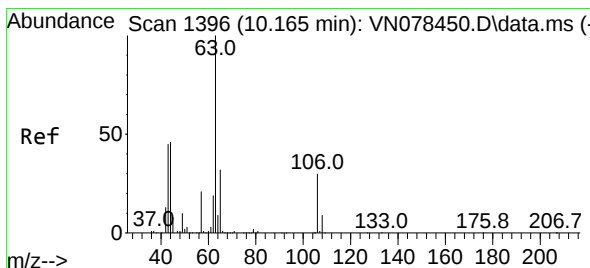
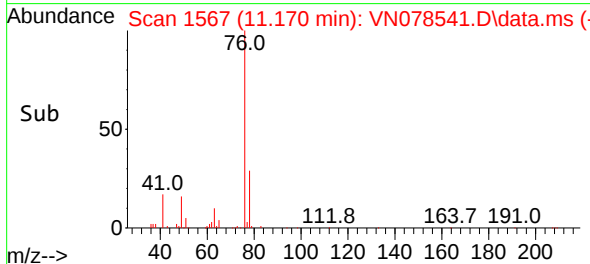
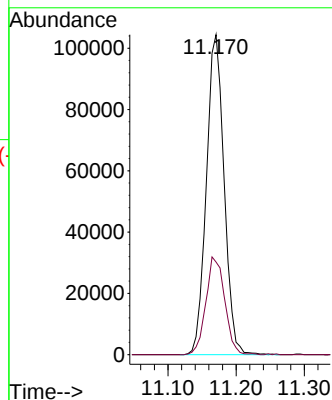
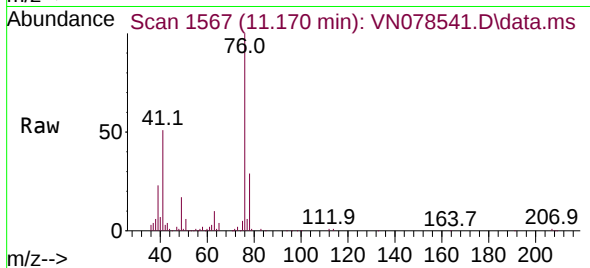
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.394 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078541.D

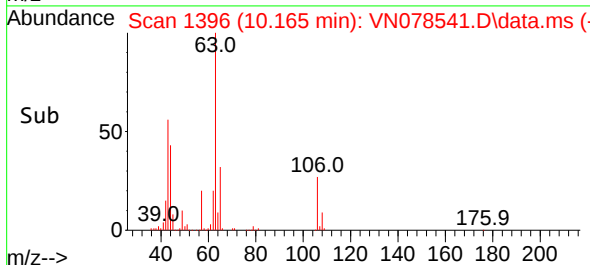
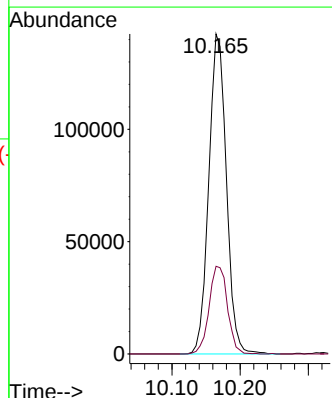
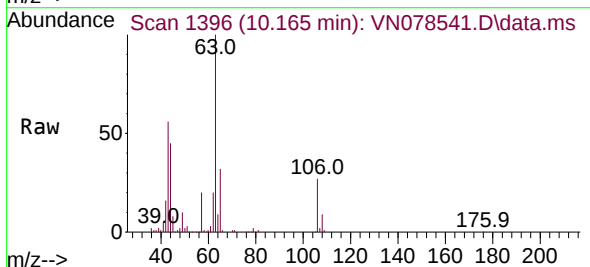
Acq: 17 Jul 2023 14:24

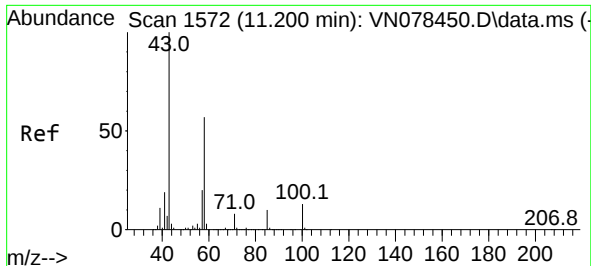
Tgt Ion: 63 Resp: 255601

Ion Ratio Lower Upper

63 100

106 28.6 26.2 39.4





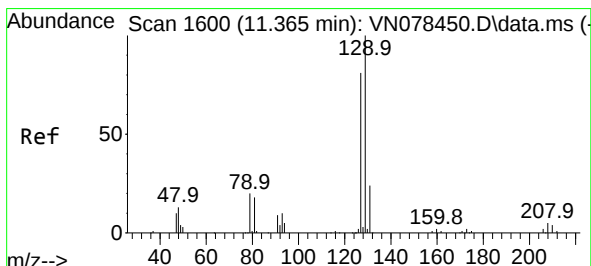
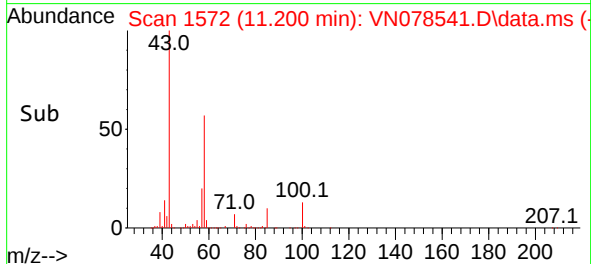
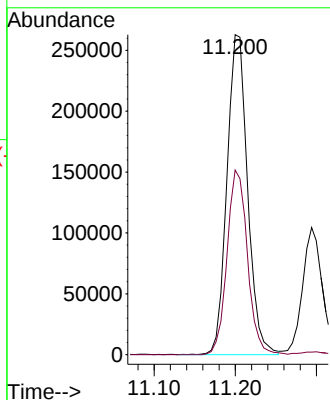
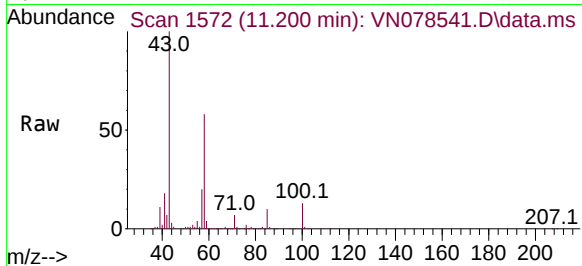
#59
2-Hexanone
Concen: 108.846 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion: 43 Resp: 464644
Ion Ratio Lower Upper
43 100
58 57.1 31.7 95.1

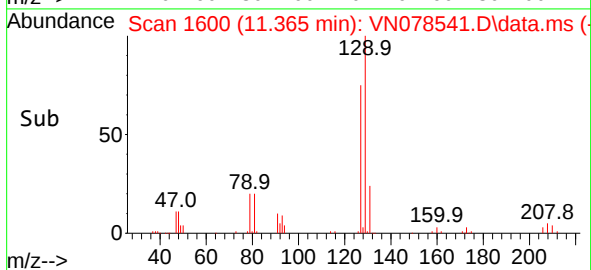
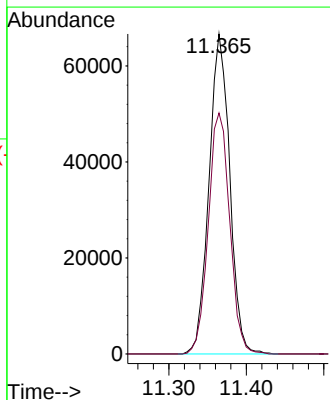
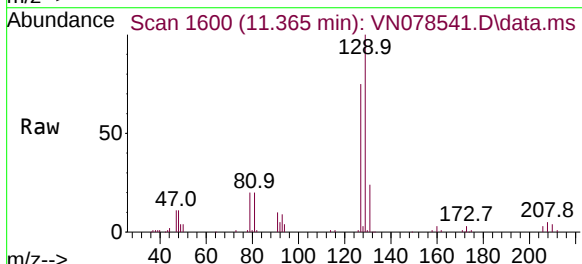
Manual Integrations
APPROVED

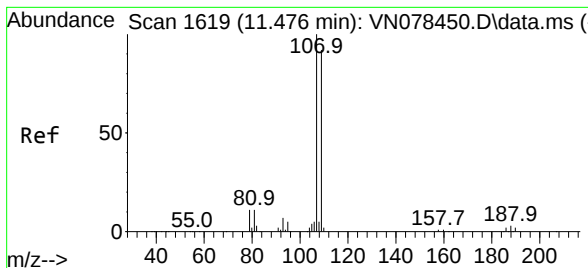
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 21.058 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

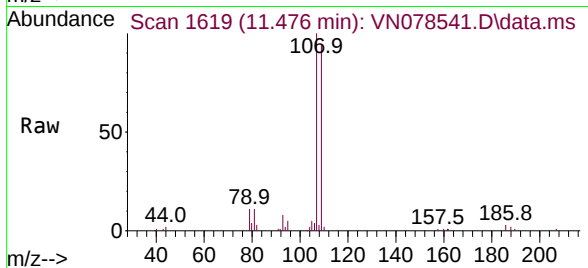
Tgt Ion:129 Resp: 123743
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.019 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

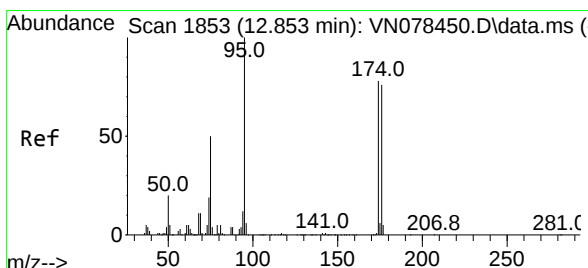
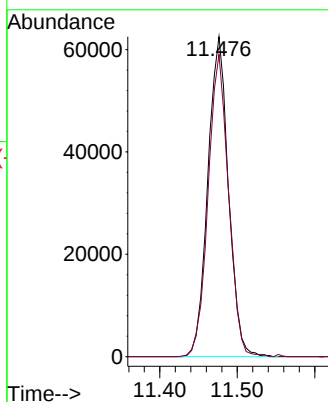
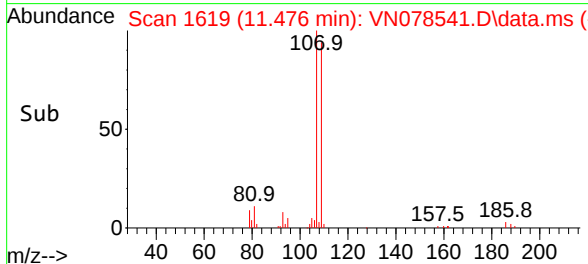
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



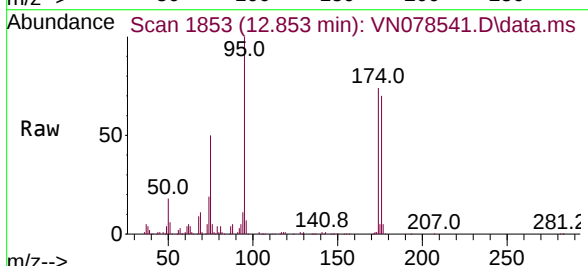
Tgt Ion:107 Resp: 115252
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

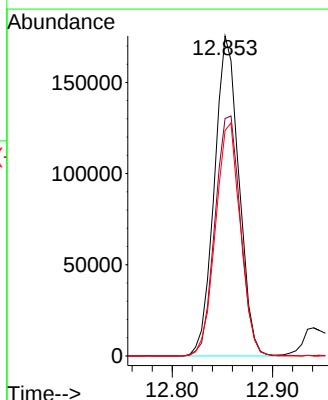
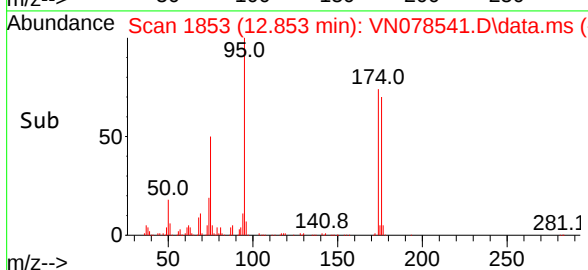
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

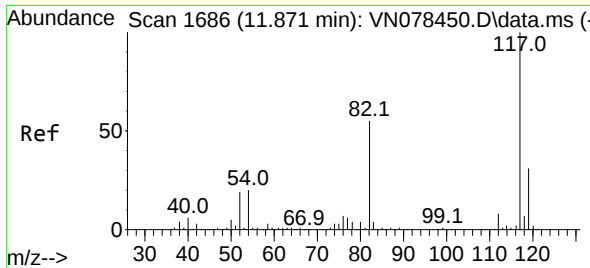


#62
4-Bromofluorobenzene
Concen: 50.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



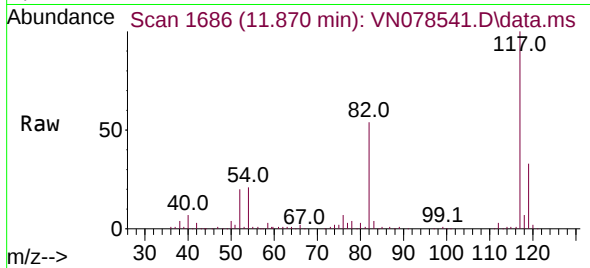
Tgt Ion: 95 Resp: 298744
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 73.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

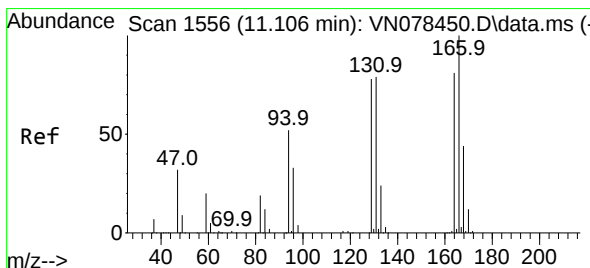
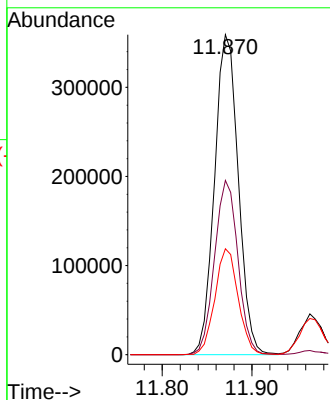
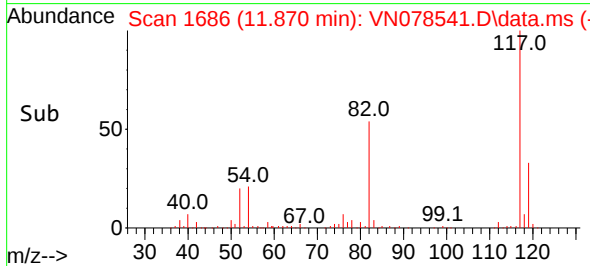
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:117 Resp: 661124
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 33.1 25.6 38.4

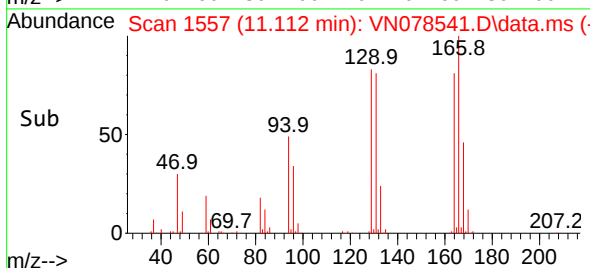
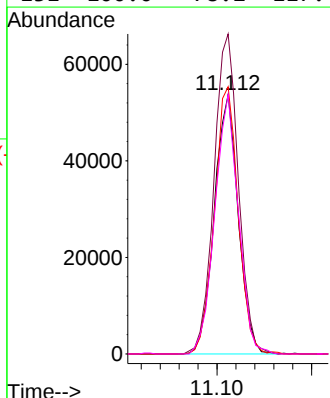
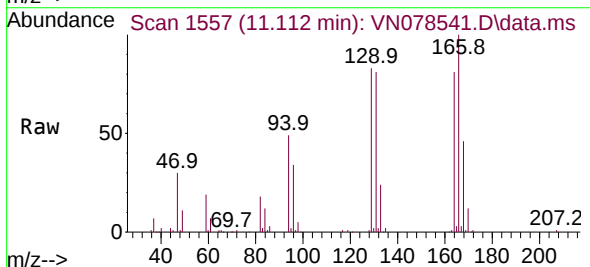
Manual Integrations
APPROVED

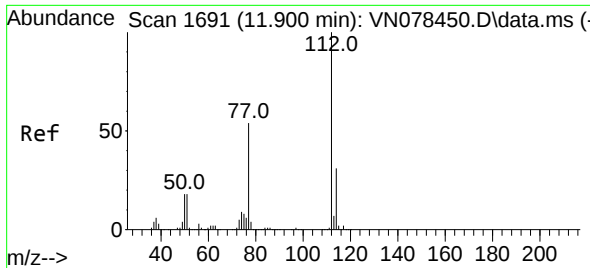
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 18.954 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Tgt Ion:164 Resp: 94211
Ion Ratio Lower Upper
164 100
166 123.3 101.4 152.0
129 103.0 82.4 123.6
131 100.0 78.2 117.4





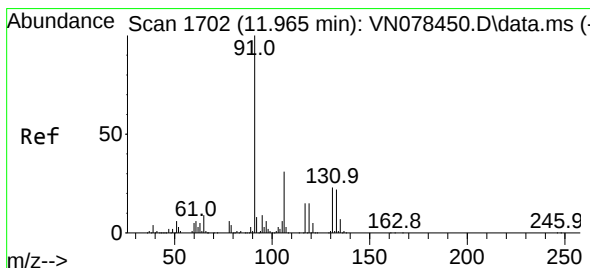
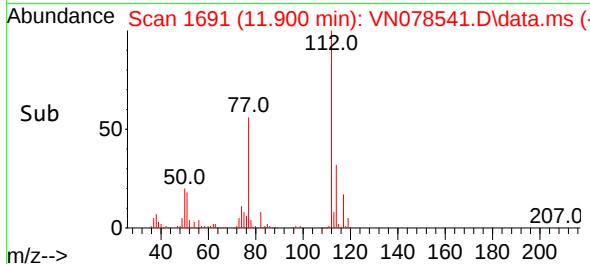
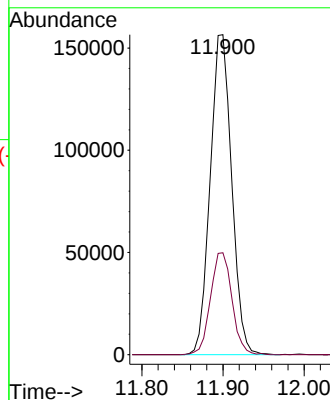
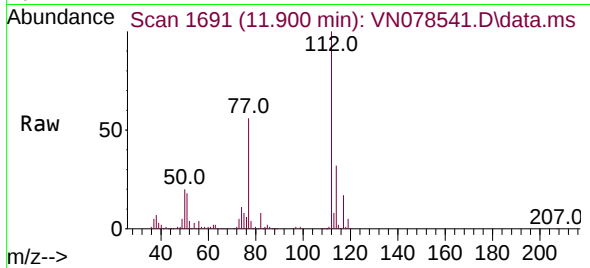
#65
Chlorobenzene
Concen: 19.492 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion:112 Resp: 288049
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

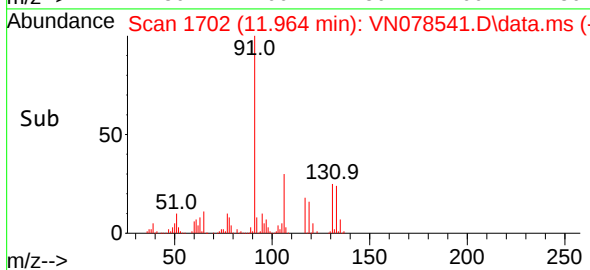
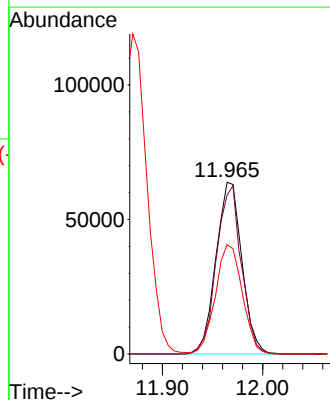
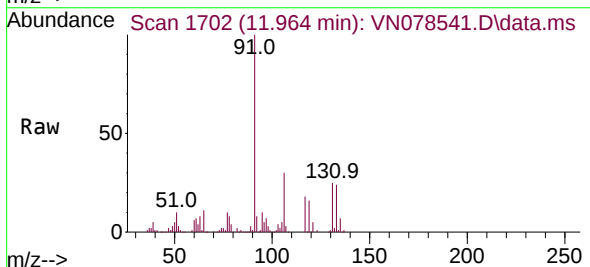
Manual Integrations
APPROVED

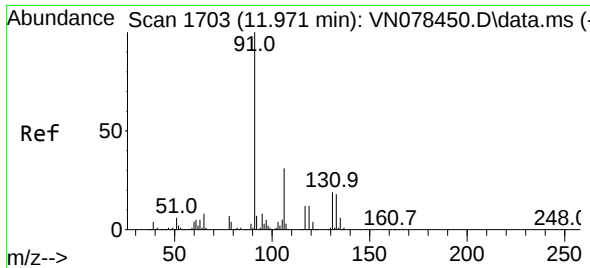
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.147 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

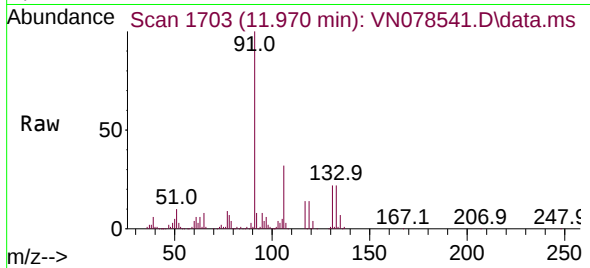
Tgt Ion:131 Resp: 114537
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 66.1 34.1 102.2





#67
Ethyl Benzene
Concen: 19.292 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

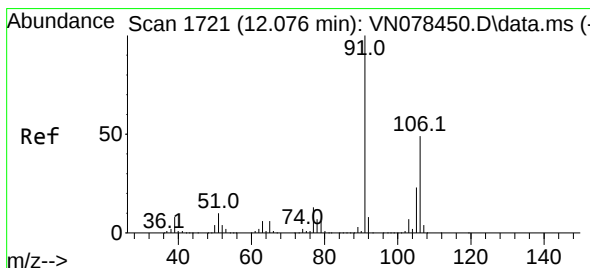
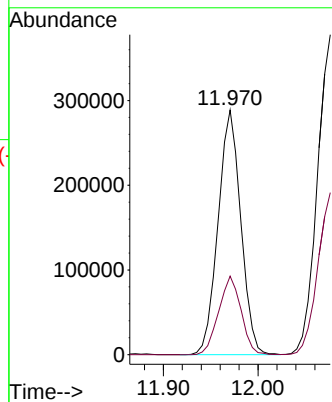
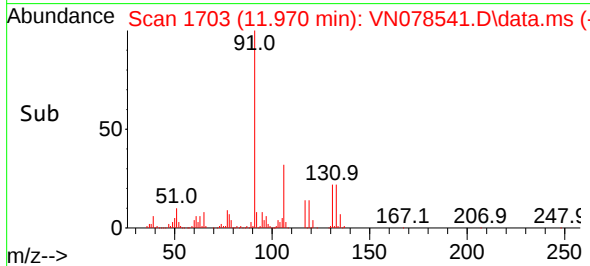
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 91 Resp: 48188
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

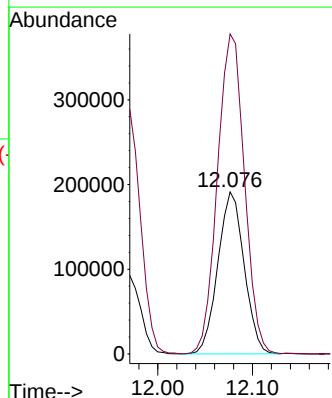
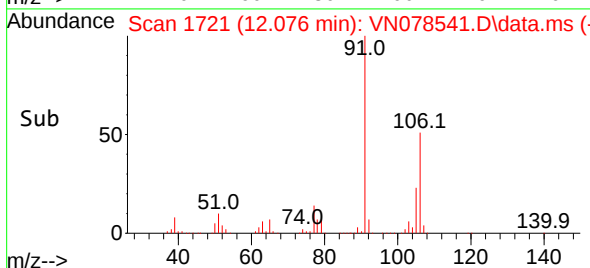
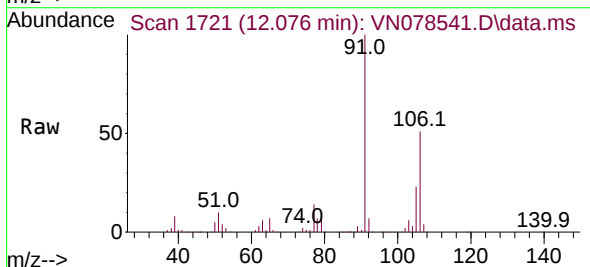
Manual Integrations
APPROVED

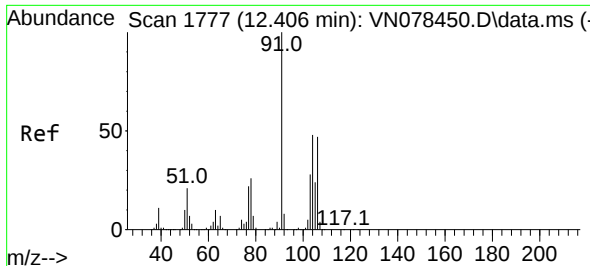
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#68
m/p-Xylenes
Concen: 39.850 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Tgt Ion:106 Resp: 368041
Ion Ratio Lower Upper
106 100
91 203.7 159.6 239.4





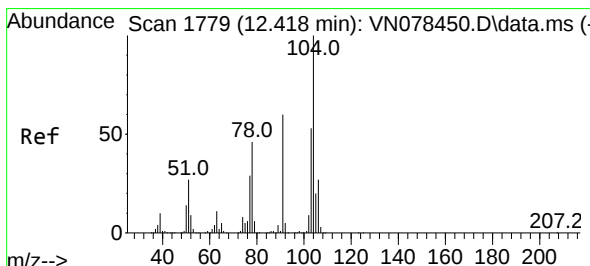
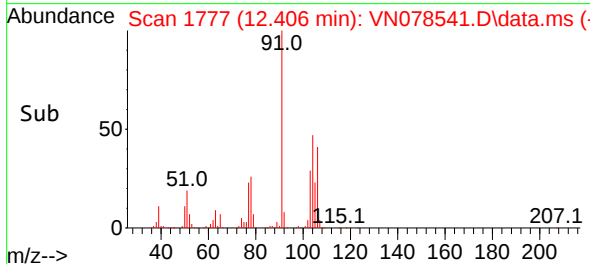
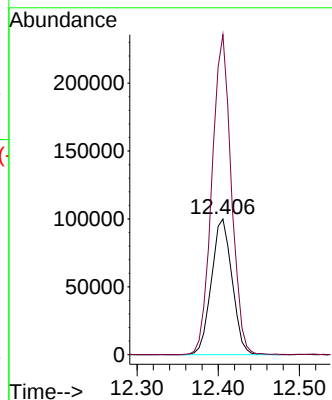
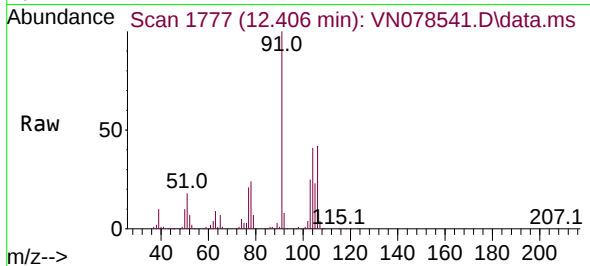
#69
o-Xylene
Concen: 18.939 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion:106 Resp: 176668
Ion Ratio Lower Upper
106 100
91 221.7 105.2 315.5

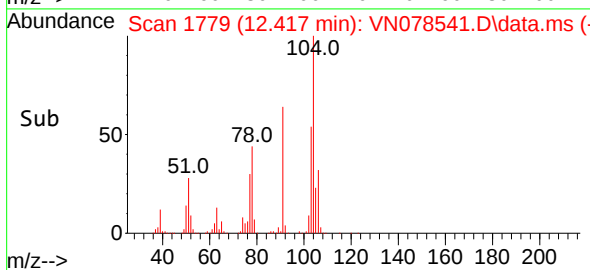
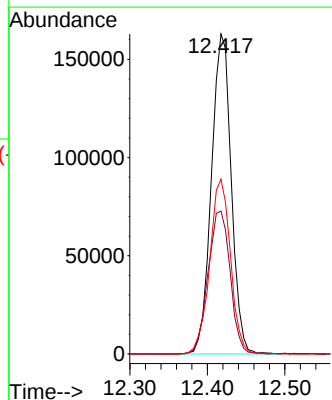
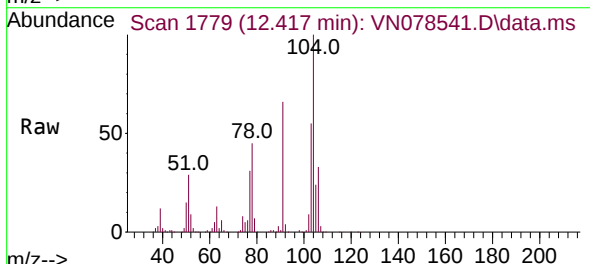
Manual Integrations
APPROVED

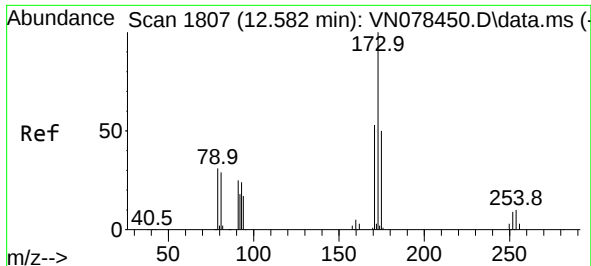
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 19.841 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Tgt Ion:104 Resp: 289563
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 57.4 43.2 64.8





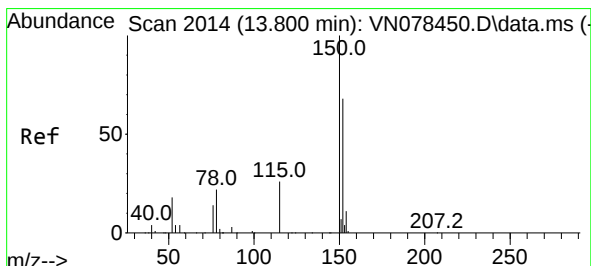
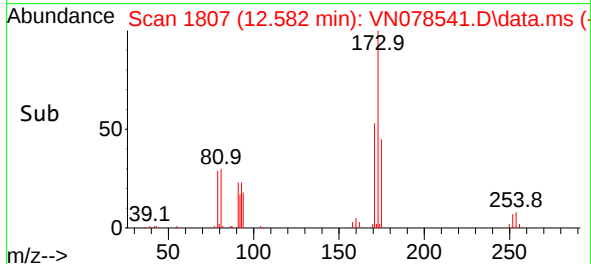
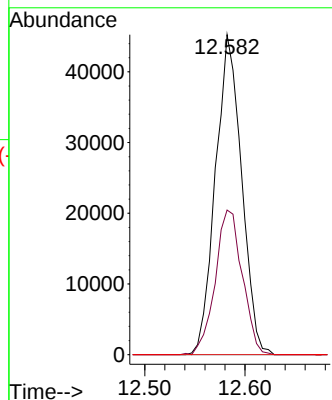
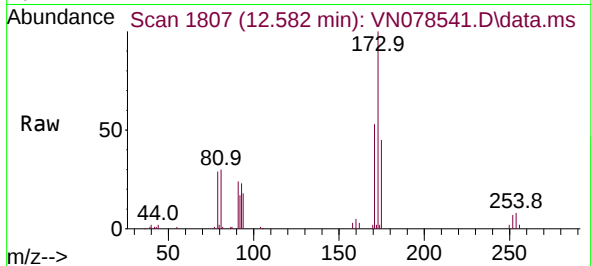
#71
Bromoform
Concen: 21.219 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion:173 Resp: 81690
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.0 0.0 0.0

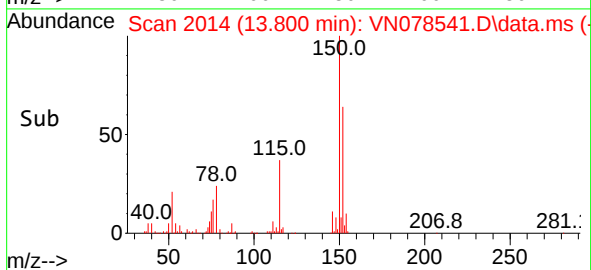
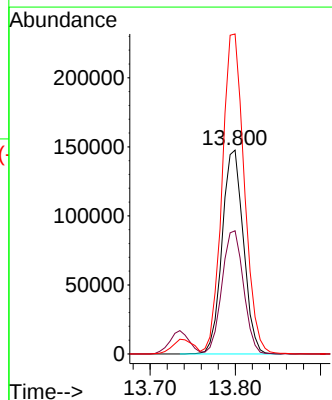
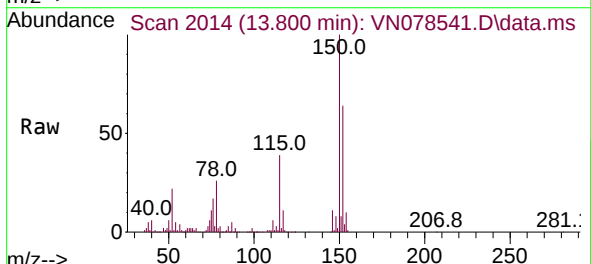
Manual Integrations
APPROVED

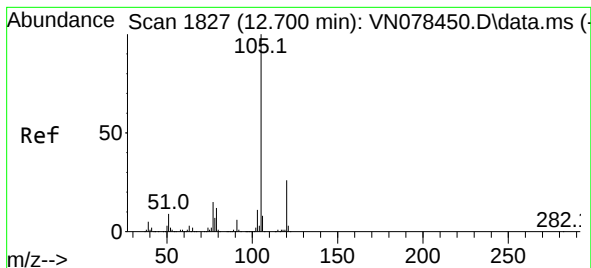
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

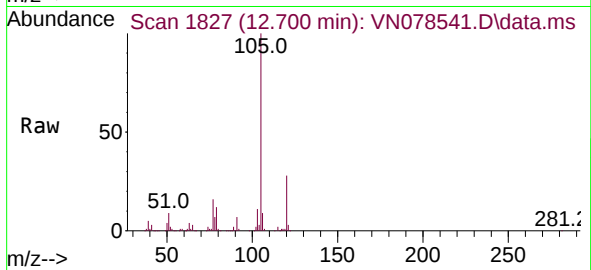
Tgt Ion:152 Resp: 256265
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 163.7 0.0 355.8





#73
Isopropylbenzene
Concen: 18.661 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

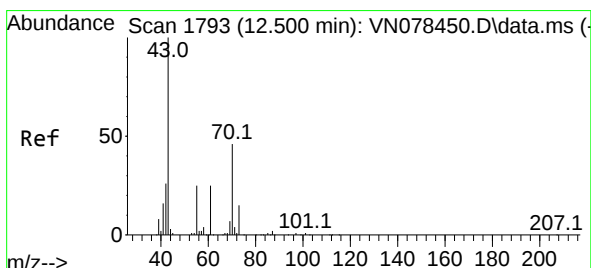
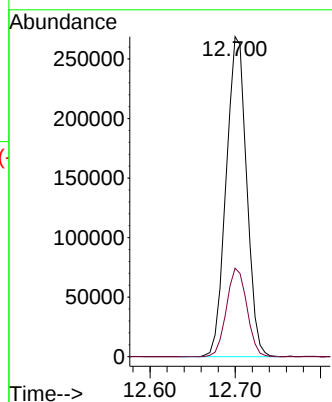
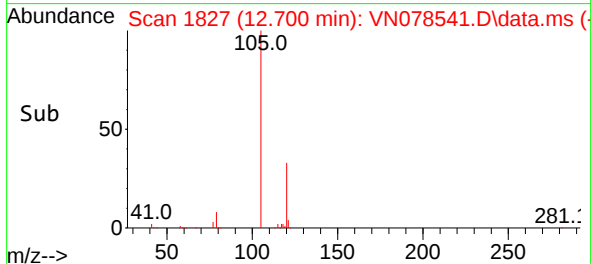
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



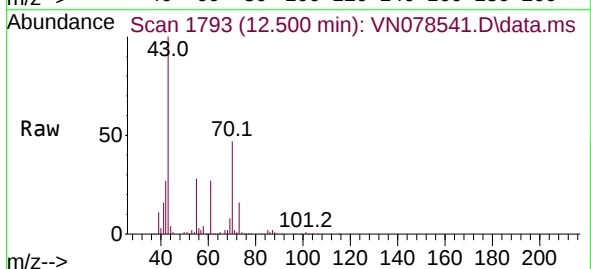
Tgt Ion:105 Resp: 44935
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1

Manual Integrations
APPROVED

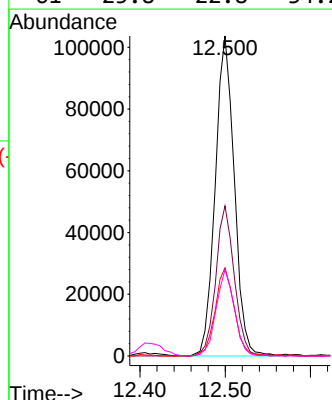
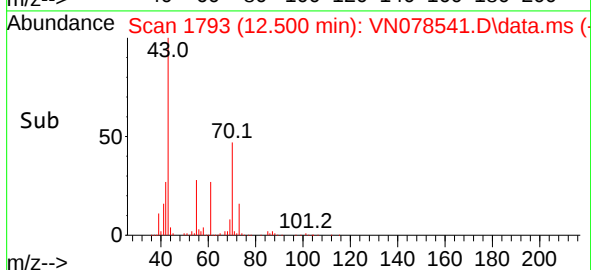
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

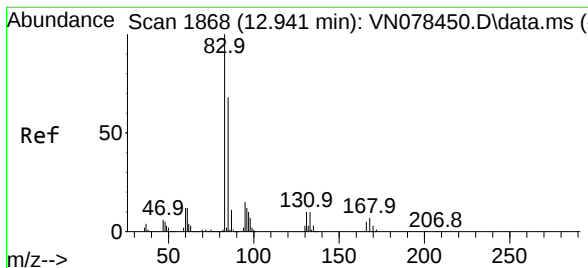


#74
N-ethyl acetate
Concen: 19.407 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



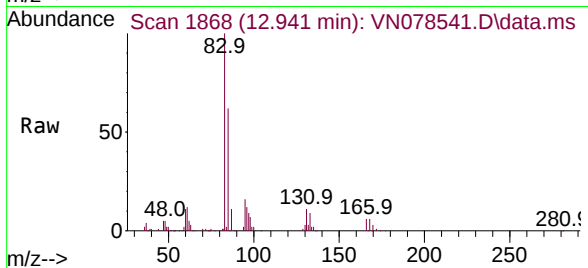
Tgt Ion: 43 Resp: 161045
Ion Ratio Lower Upper
43 100
70 45.7 43.4 65.2
55 27.6 21.4 32.0
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.311 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

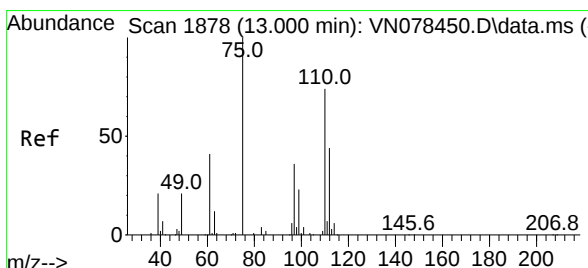
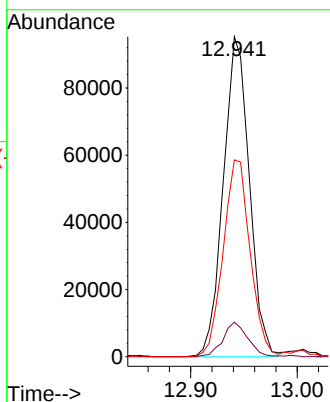
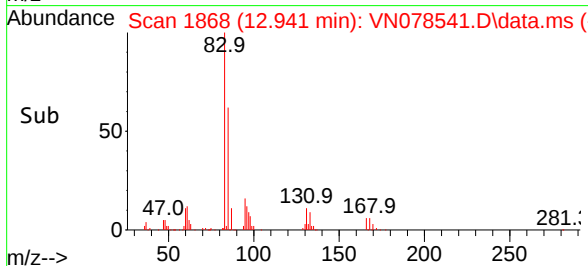
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



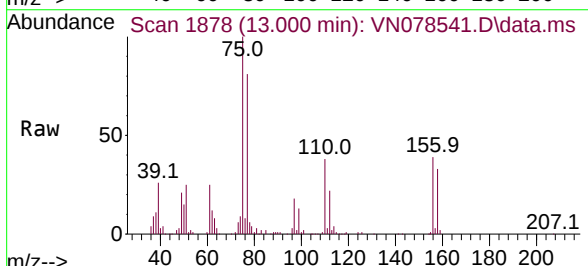
Tgt Ion: 83 Resp: 161592
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.6 31.9 95.7

Manual Integrations
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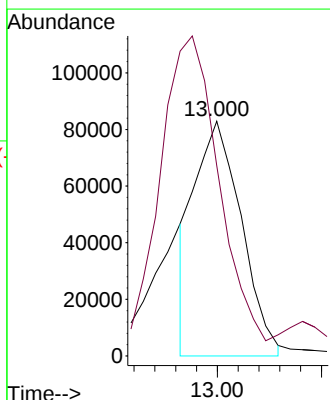
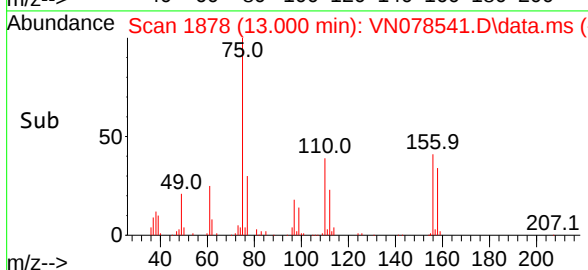
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

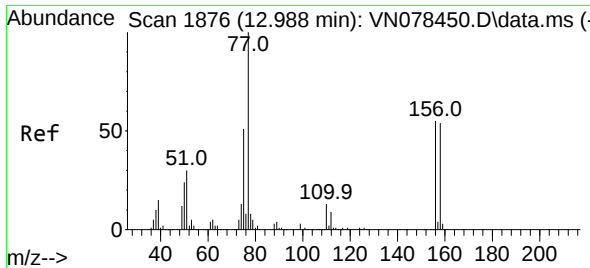


#76
1,2,3-Trichloropropane
Concen: 20.954 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



Tgt Ion: 75 Resp: 129792
Ion Ratio Lower Upper
75 100
77 176.1 84.5 253.5





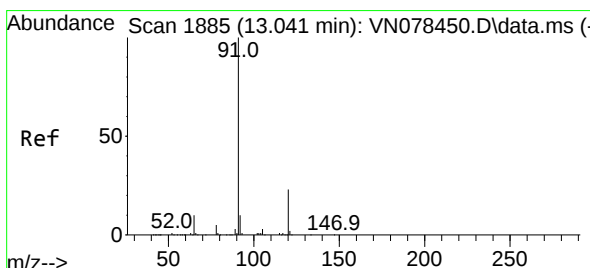
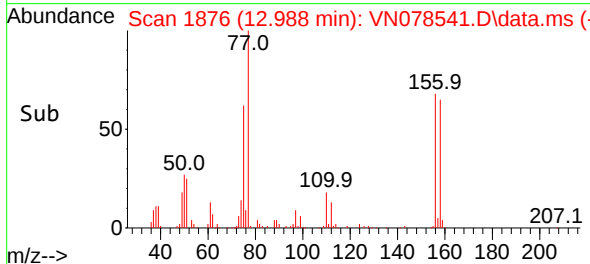
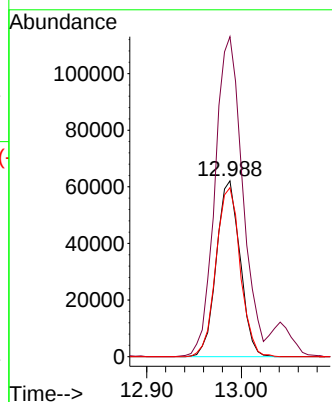
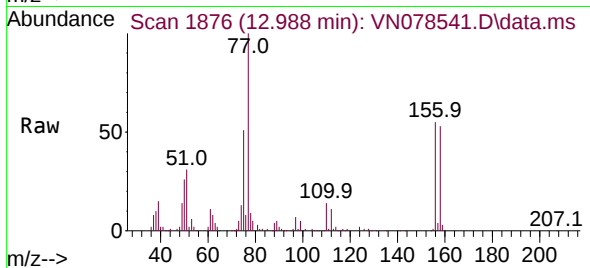
#77
Bromobenzene
Concen: 19.637 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion:156 Resp: 10774
Ion Ratio Lower Upper
156 100
77 212.2 107.7 323.3
158 99.1 48.4 145.3

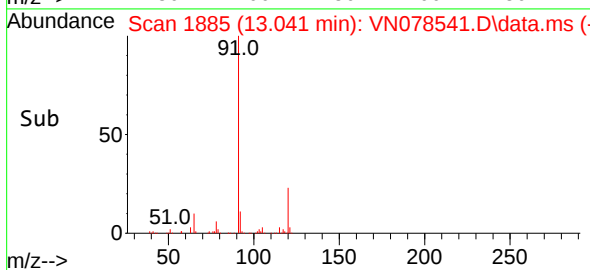
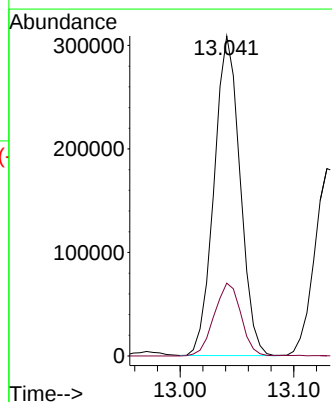
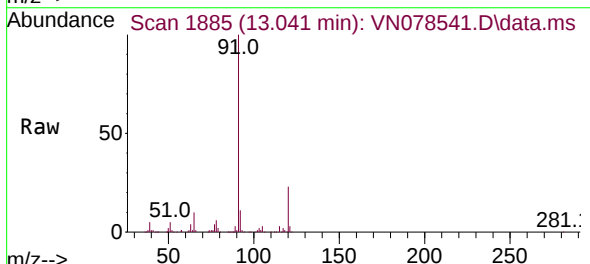
Manual Integrations
APPROVED

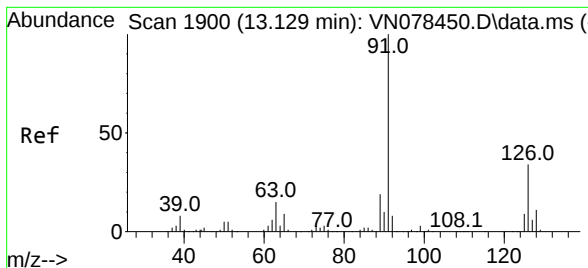
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#78
n-propylbenzene
Concen: 19.069 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Tgt Ion: 91 Resp: 491060
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





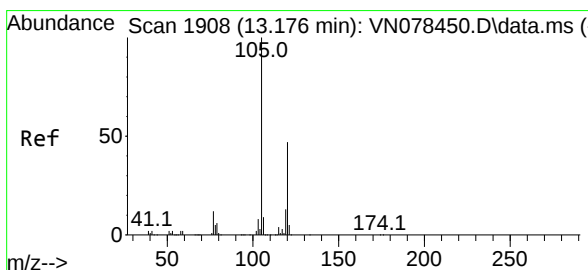
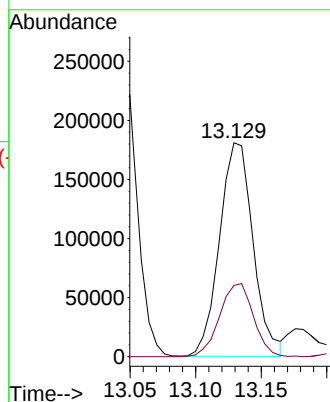
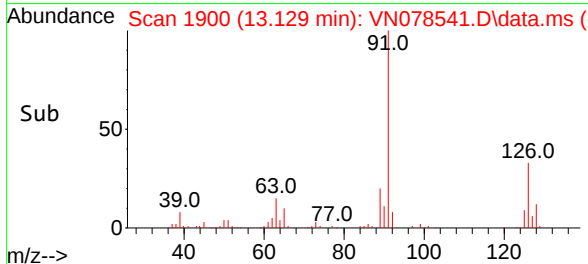
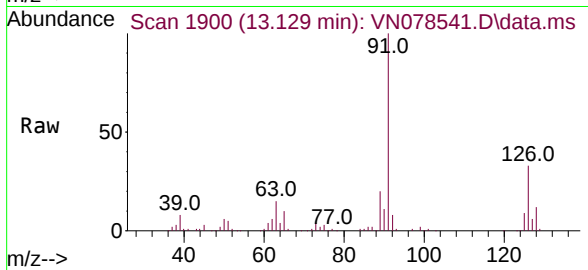
#79
2-Chlorotoluene
Concen: 19.105 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion: 91 Resp: 322258
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

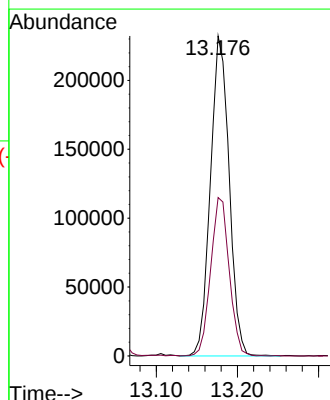
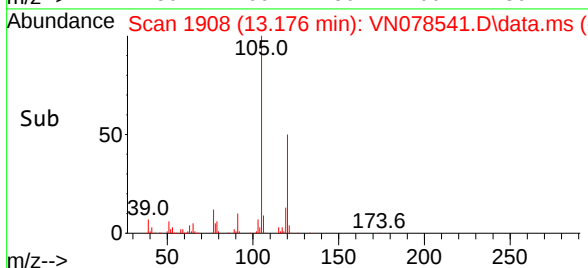
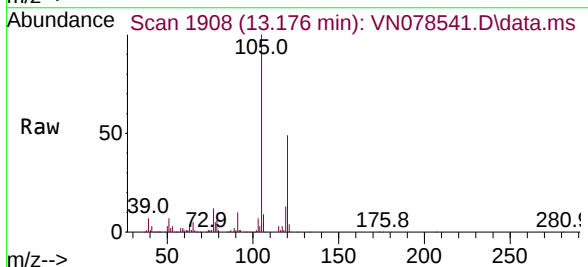
Manual Integrations
APPROVED

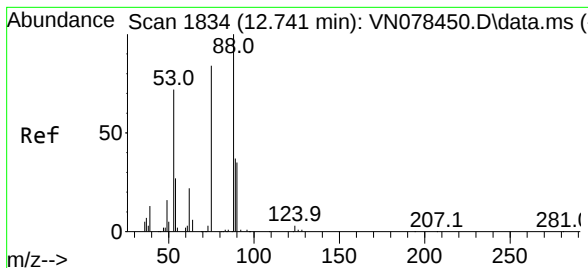
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.545 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

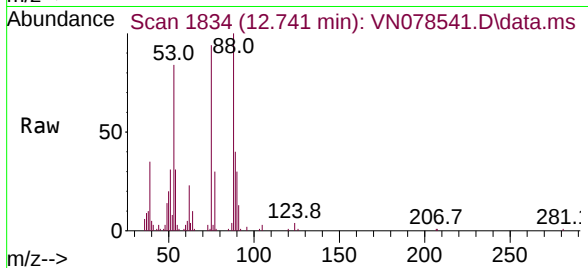
Tgt Ion:105 Resp: 371854
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.924 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

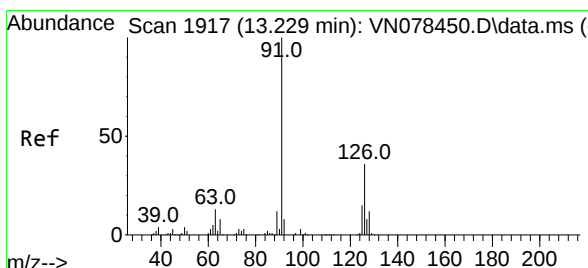
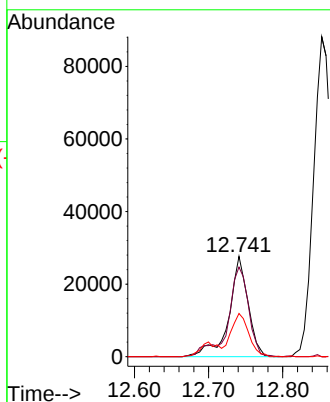
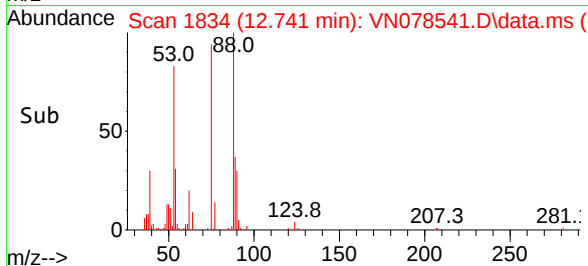
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 75 Resp: 4932
Ion Ratio Lower Upper
75 100
53 96.3 67.4 101.2
89 40.2 38.8 58.2

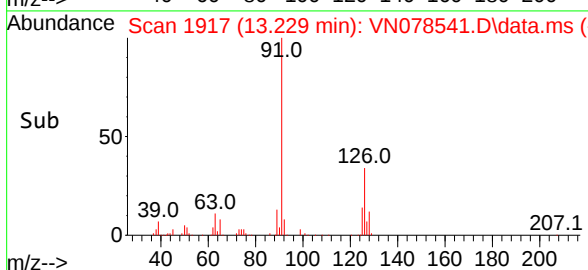
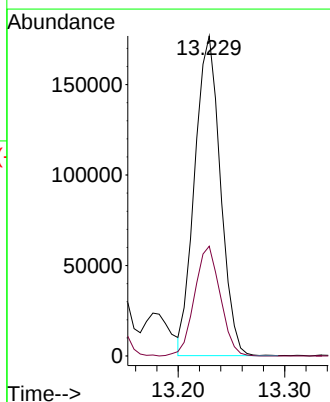
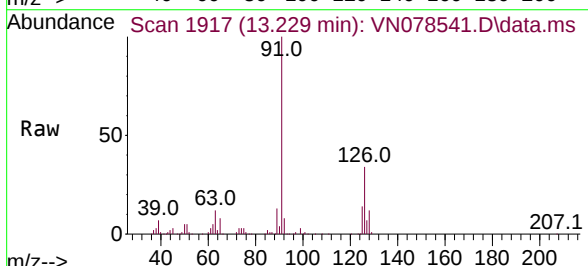
Manual Integrations
APPROVED

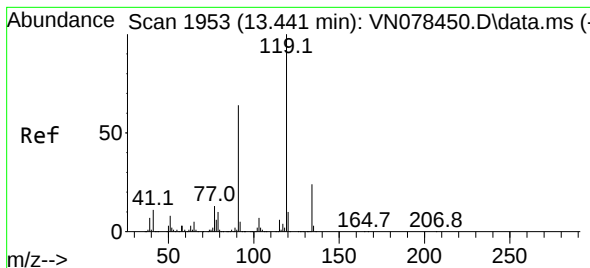
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 18.811 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

Tgt Ion: 91 Resp: 295996
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.318 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBSD01

Tgt Ion:119 Resp: 312050

Ion Ratio Lower Upper

119 100

91 63.4 33.9 101.7

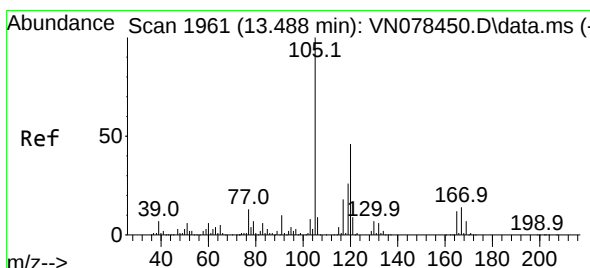
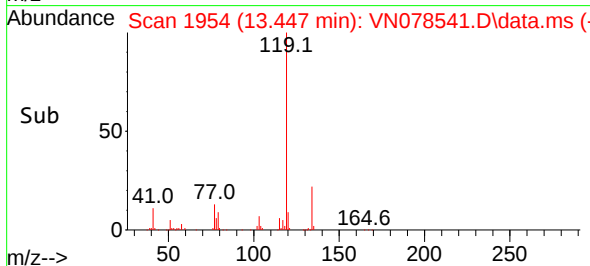
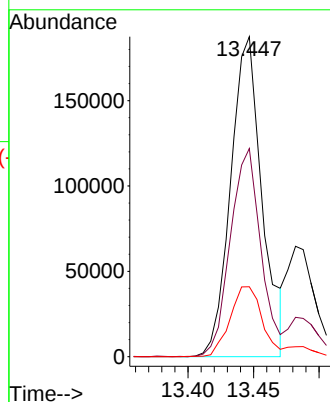
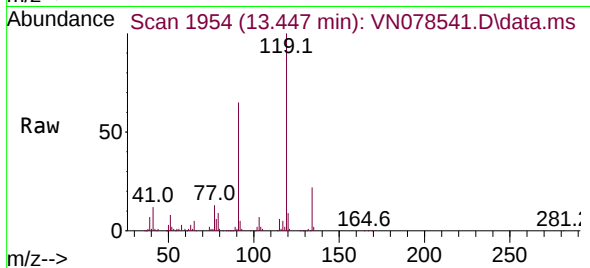
134 23.0 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.648 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078541.D

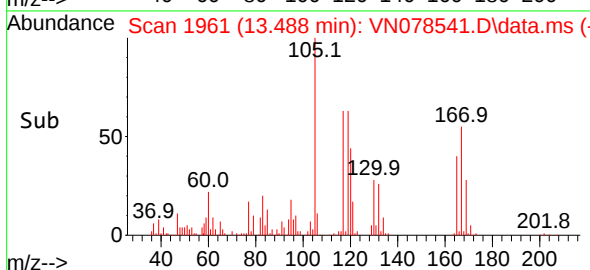
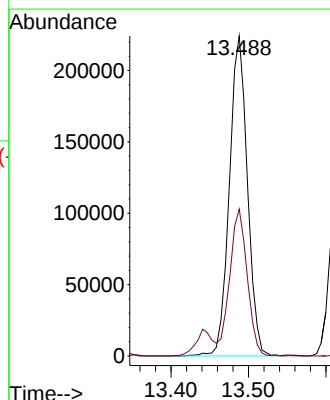
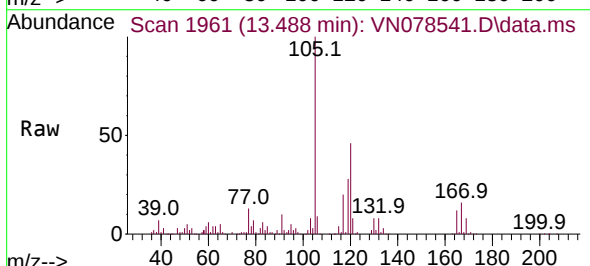
Acq: 17 Jul 2023 14:24

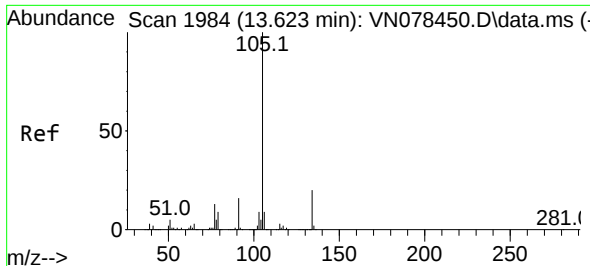
Tgt Ion:105 Resp: 363110

Ion Ratio Lower Upper

105 100

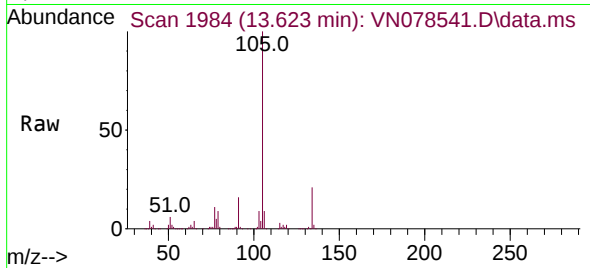
120 44.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.220 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078541.D
 Acq: 17 Jul 2023 14:24

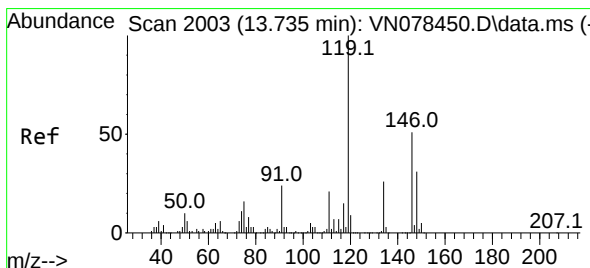
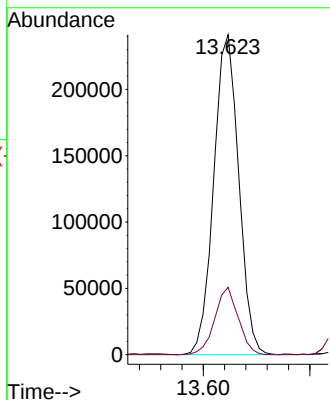
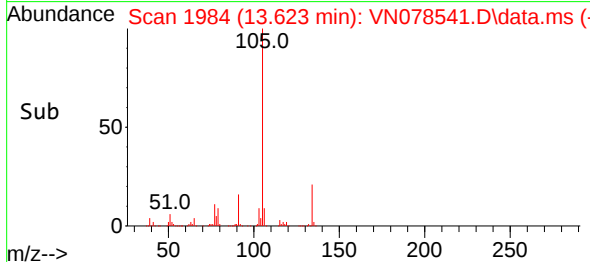
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBSD01



Tgt Ion:105 Resp: 392425
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

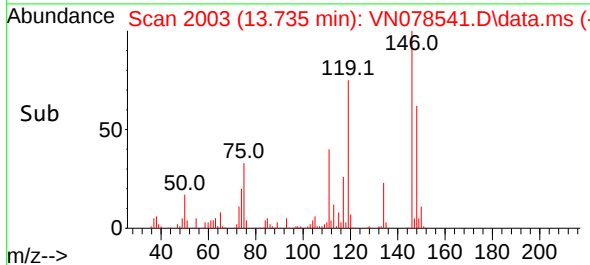
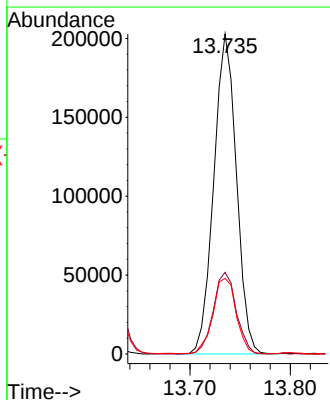
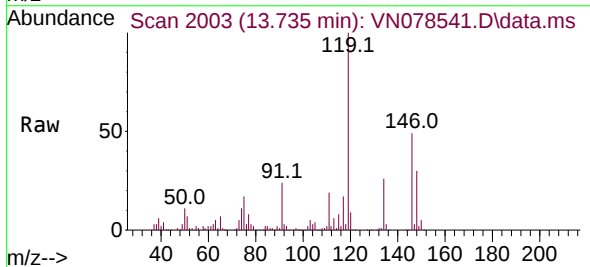
Manual Integrations
 APPROVED

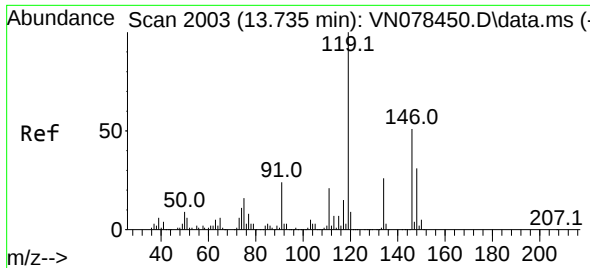
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#86
 p-Isopropyltoluene
 Concen: 19.363 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078541.D
 Acq: 17 Jul 2023 14:24

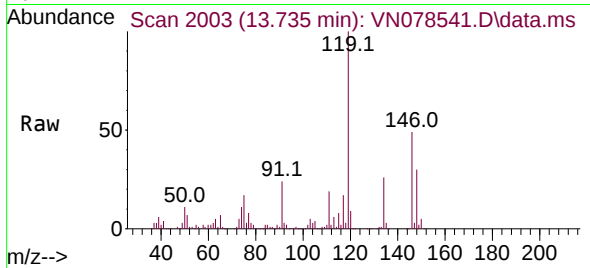
Tgt Ion:119 Resp: 317454
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.839 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

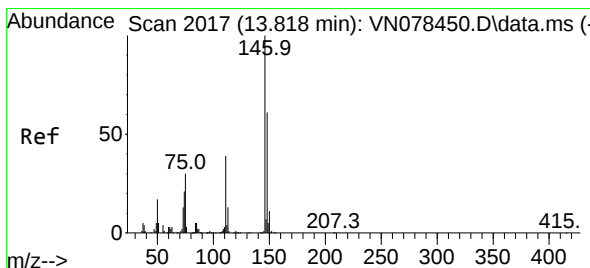
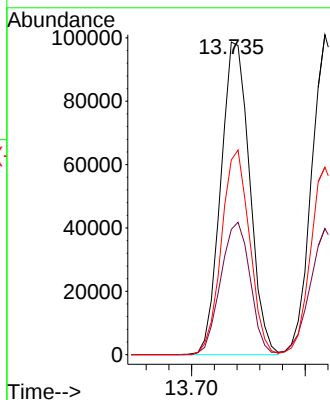
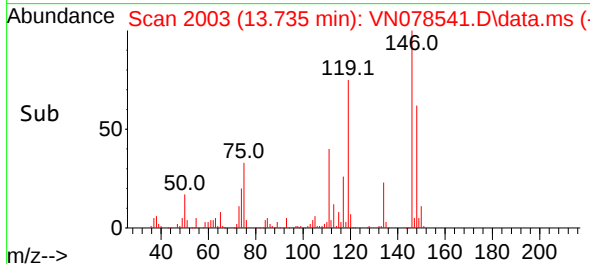
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



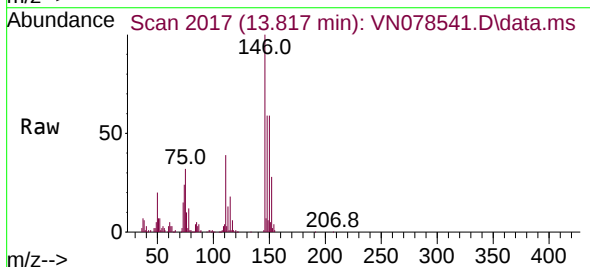
Tgt Ion:146 Resp: 174150
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 63.8 32.0 96.0

Manual Integrations
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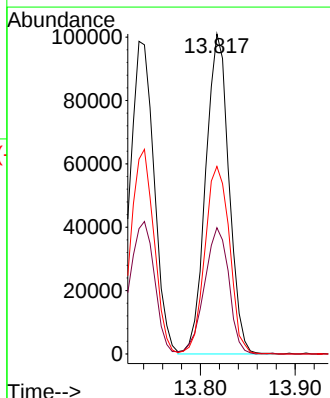
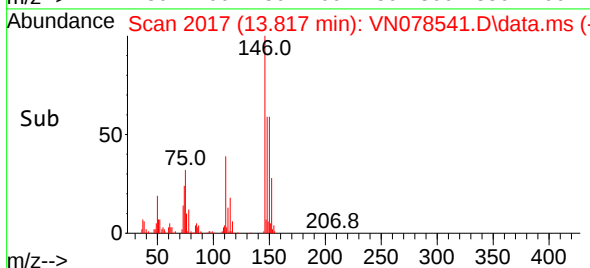
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

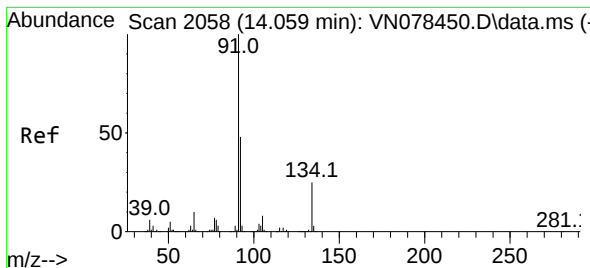


#88
1,4-Dichlorobenzene
Concen: 18.490 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



Tgt Ion:146 Resp: 172166
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 62.0 31.6 94.8





#89

n-Butylbenzene

Concen: 19.769 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.005 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 91 Resp: 231894

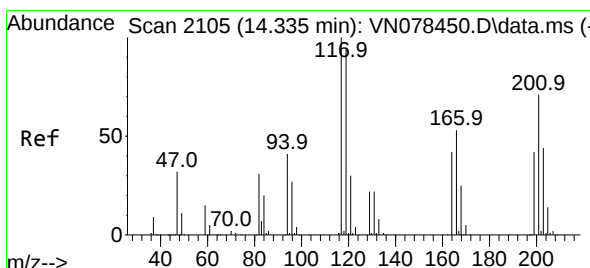
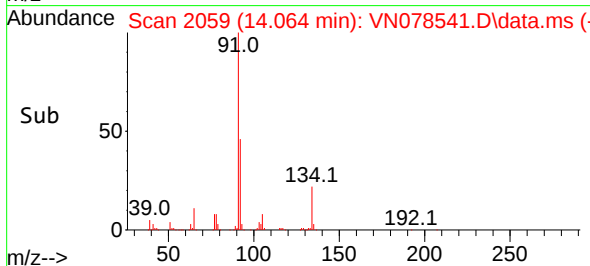
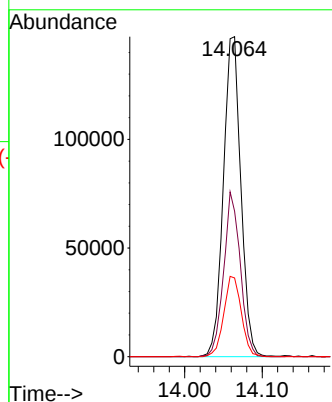
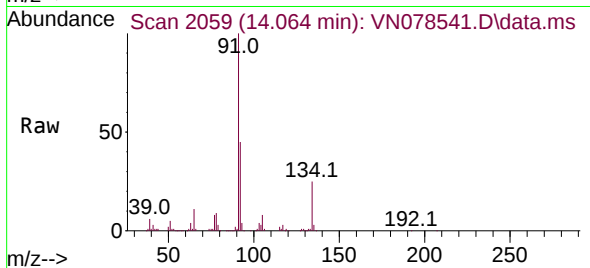
Ion	Ratio	Lower	Upper
91	100		
92	48.8	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#90

Hexachloroethane

Concen: 20.718 ug/l

RT: 14.341 min Scan# 2106

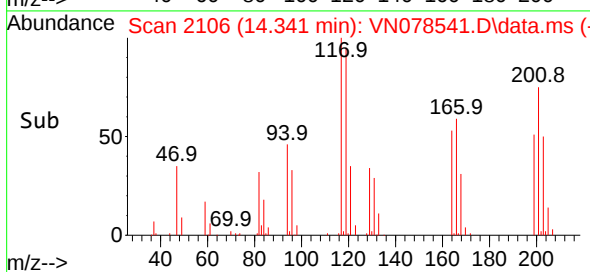
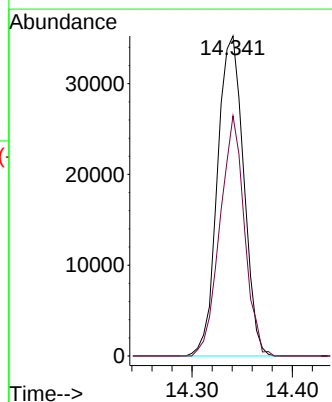
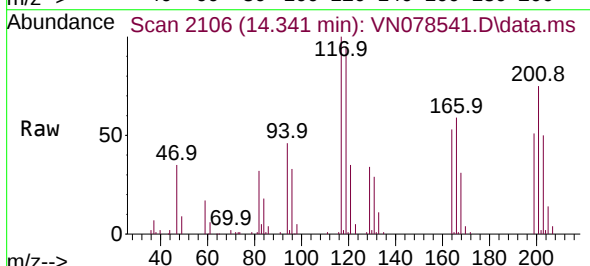
Delta R.T. 0.006 min

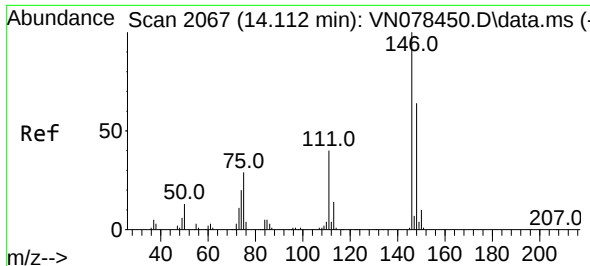
Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Tgt Ion:117 Resp: 63869

Ion	Ratio	Lower	Upper
117	100		
201	70.2	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 18.862 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion:146 Resp: 173520

Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

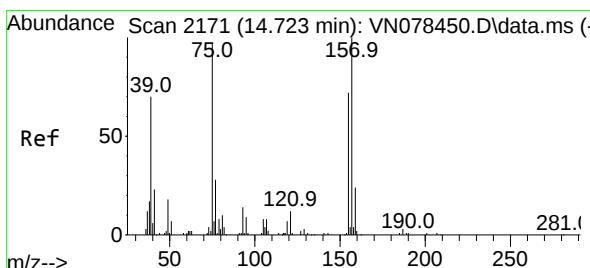
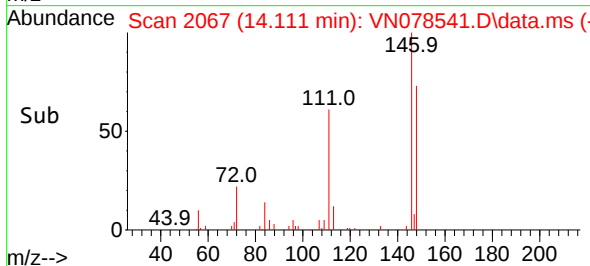
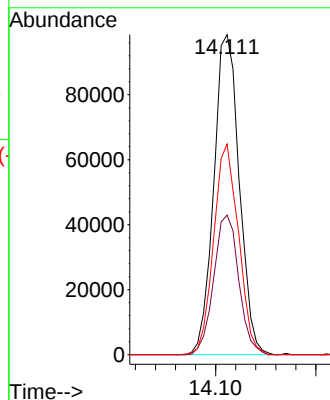
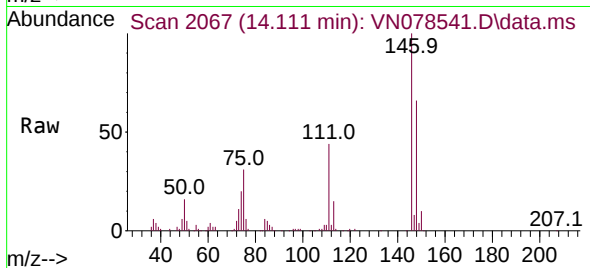
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.540 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

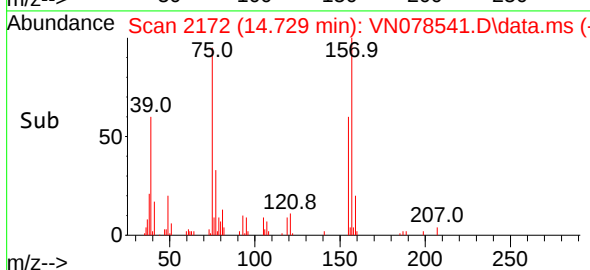
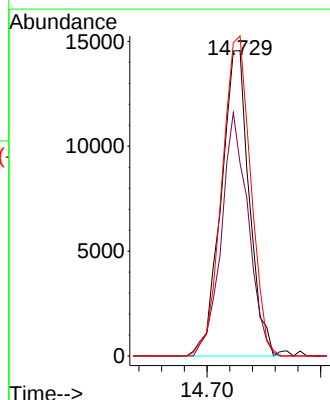
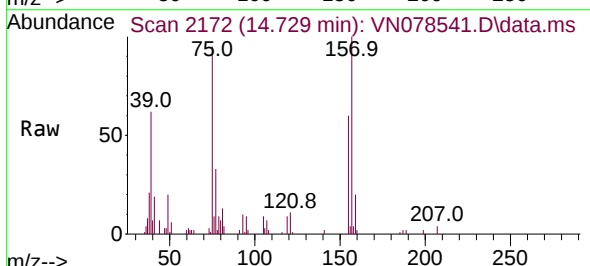
Tgt Ion: 75 Resp: 24982

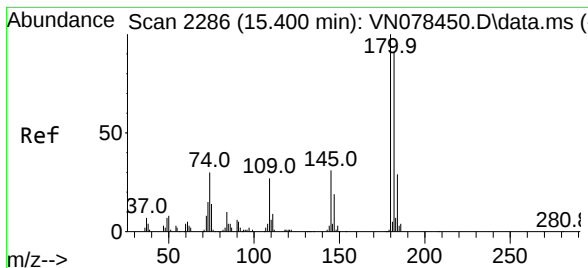
Ion Ratio Lower Upper

75 100

155 75.7 39.1 117.2

157 107.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.600 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion:180 Resp: 4580

Ion Ratio Lower Upper

180 100

182 98.0 46.1 138.2

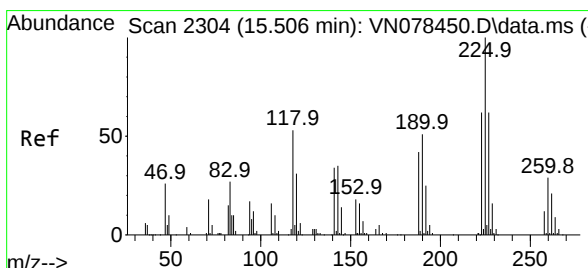
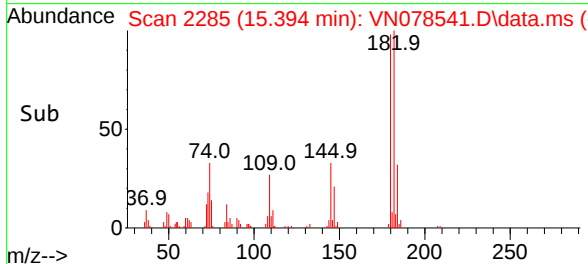
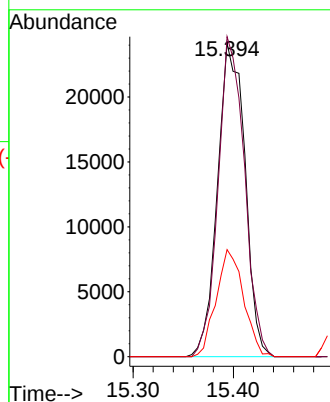
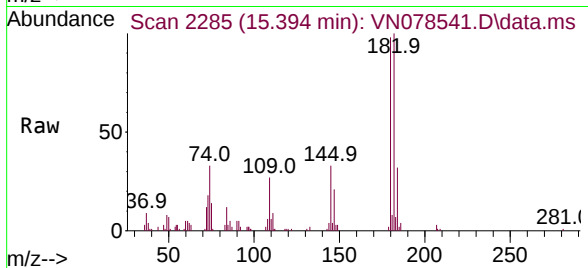
145 34.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#94

Hexachlorobutadiene

Concen: 18.110 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078541.D

Acq: 17 Jul 2023 14:24

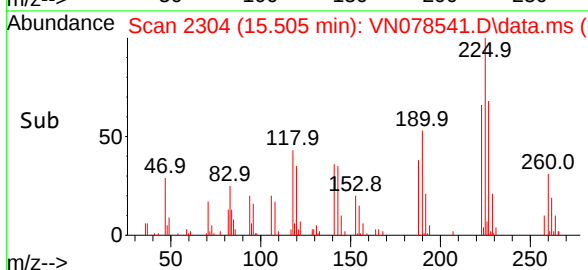
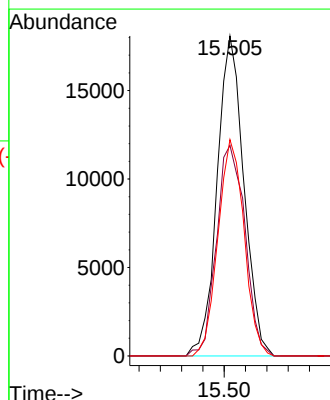
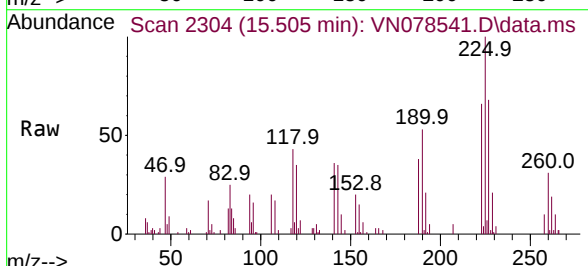
Tgt Ion:225 Resp: 31516

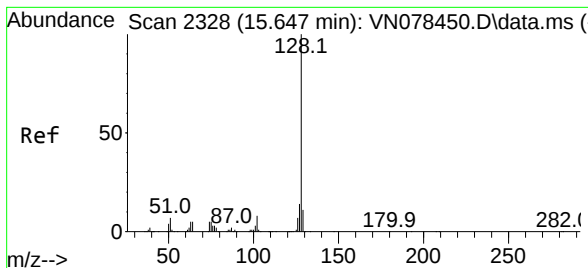
Ion Ratio Lower Upper

225 100

223 70.2 31.3 93.8

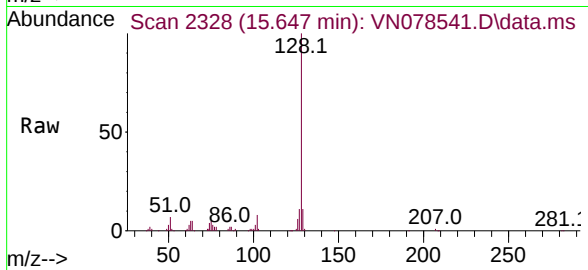
227 66.1 31.9 95.9





#95
Naphthalene
Concen: 14.642 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24

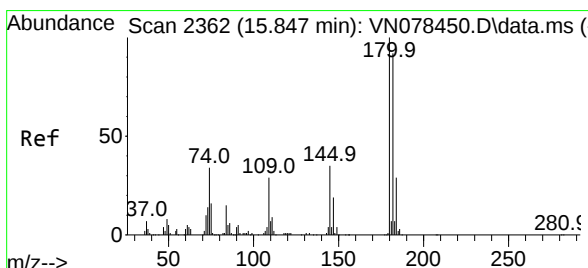
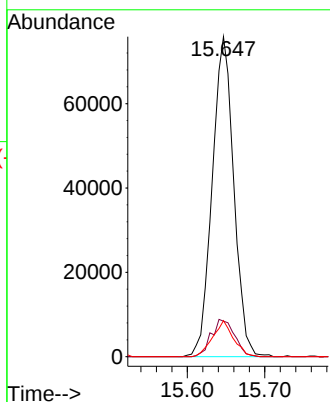
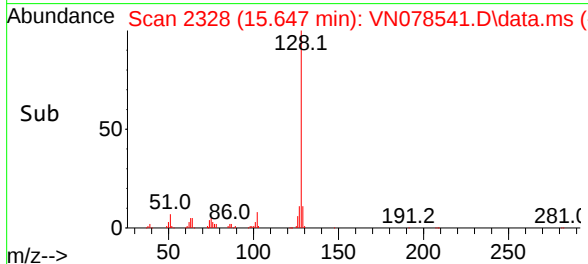
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



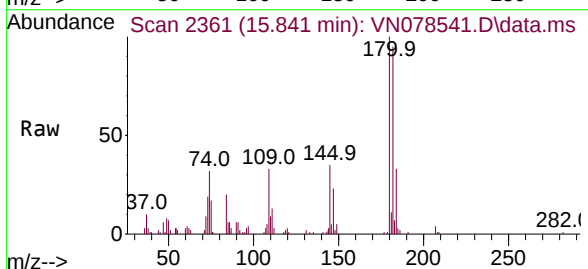
Tgt Ion:128 Resp: 146963
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.726 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078541.D
Acq: 17 Jul 2023 14:24



Tgt Ion:180 Resp: 53090
Ion Ratio Lower Upper
180 100
182 101.0 46.2 138.6
145 37.2 17.5 52.6

