

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078483.D
 Acq On : 12 Jul 2023 17:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 13 09:20:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2023
 Supervised By : Mahesh Dadoda 07/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	474866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	800634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	734976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	307794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	322645	50.682	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.360%			
35) Dibromofluoromethane	8.177	113	280495	51.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	10.570	98	1057595	51.511	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.020%			
62) 4-Bromofluorobenzene	12.853	95	334911	52.957	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	251420	43.184	ug/l	97
3) Chloromethane	2.371	50	282329	44.615	ug/l	97
4) Vinyl Chloride	2.518	62	373787	45.662	ug/l	97
5) Bromomethane	2.947	94	243077	46.609	ug/l	98
6) Chloroethane	3.118	64	236260	47.620	ug/l	98
7) Trichlorofluoromethane	3.500	101	444601	45.435	ug/l	96
8) Diethyl Ether	3.971	74	150468	46.152	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	238872	46.114	ug/l	97
10) Methyl Iodide	4.594	142	336837	47.321	ug/l	98
11) Tert butyl alcohol	5.536	59	239941	244.422	ug/l	100
12) 1,1-Dichloroethene	4.347	96	234505	46.801	ug/l	94
13) Acrolein	4.194	56	208975	216.368	ug/l	97
14) Allyl chloride	5.030	41	329840	48.174	ug/l	96
15) Acrylonitrile	5.730	53	606425	244.496	ug/l	99
16) Acetone	4.441	43	456786	230.347	ug/l	94
17) Carbon Disulfide	4.718	76	625523	43.172	ug/l	99
18) Methyl Acetate	5.030	43	386237	46.010	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	790599	47.888	ug/l	99
20) Methylene Chloride	5.283	84	279164	49.055	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	262626	46.512	ug/l	93
22) Diisopropyl ether	6.683	45	754500	49.214	ug/l	94
23) Vinyl Acetate	6.618	43	2381878	244.383	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	483802	46.832	ug/l	98
25) 2-Butanone	7.494	43	746327	239.087	ug/l	90
26) 2,2-Dichloropropane	7.494	77	339939	40.233	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	314828	48.198	ug/l	98
28) Bromochloromethane	7.824	49	241831	49.701	ug/l	91
29) Tetrahydrofuran	7.847	42	481852	235.248	ug/l	88
30) Chloroform	7.971	83	532845	49.543	ug/l	94
31) Cyclohexane	8.265	56	380246	44.197	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	468398	48.575	ug/l	97
36) 1,1-Dichloropropene	8.377	75	379696	48.384	ug/l	98
37) Ethyl Acetate	7.571	43	328161	50.163	ug/l #	95
38) Carbon Tetrachloride	8.371	117	418263	49.040	ug/l	99
39) Methylcyclohexane	9.606	83	356534	49.773	ug/l	94
40) Benzene	8.612	78	1153657	49.622	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	175371	52.586	ug/l	91
42) 1,2-Dichloroethane	8.677	62	383157	48.452	ug/l	98
43) Isopropyl Acetate	8.694	43	537651	49.919	ug/l	96
44) Trichloroethene	9.359	130	299054	47.726	ug/l	99
45) 1,2-Dichloropropane	9.629	63	289184	49.111	ug/l	97
46) Dibromomethane	9.718	93	208488	50.306	ug/l	92
47) Bromodichloromethane	9.894	83	419235	50.463	ug/l	98
48) Methyl methacrylate	9.688	41	254195	50.943	ug/l	89
49) 1,4-Dioxane	9.700	88	112463	1033.494	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	1679628	262.182	ug/l	92
52) Toluene	10.635	92	722556	50.145	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	422289	49.617	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	455493	50.207	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	285248	50.245	ug/l	97
56) Ethyl methacrylate	10.882	69	417809	52.647	ug/l	92
57) 1,3-Dichloropropane	11.170	76	475322	49.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	786718	278.170	ug/l	94
59) 2-Hexanone	11.200	43	1206212	264.923	ug/l	92
60) Dibromochloromethane	11.365	129	323348	51.591	ug/l	99
61) 1,2-Dibromoethane	11.476	107	294440	50.347	ug/l	98
64) Tetrachloroethene	11.112	164	267325	48.378	ug/l	98
65) Chlorobenzene	11.900	112	770255	46.886	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	300699	47.579	ug/l	97
67) Ethyl Benzene	11.970	91	1383001	49.803	ug/l	98
68) m/p-Xylenes	12.076	106	1041129	101.403	ug/l	98
69) o-Xylene	12.406	106	501749	48.383	ug/l	94
70) Styrene	12.417	104	840104	51.781	ug/l	99
71) Bromoform	12.582	173	214900	50.207	ug/l #	99
73) Isopropylbenzene	12.700	105	1269237	43.885	ug/l	99
74) N-amyl acetate	12.500	43	436809	43.826	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	398246	49.254	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	335445m	45.088	ug/l	
77) Bromobenzene	12.988	156	307609	48.874	ug/l	96
78) n-propylbenzene	13.041	91	1440276	46.566	ug/l	100
79) 2-Chlorotoluene	13.129	91	893059	44.081	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1024428	44.829	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	119595	42.242	ug/l #	86
82) 4-Chlorotoluene	13.229	91	859201	45.461	ug/l	98
83) tert-Butylbenzene	13.447	119	842378	43.419	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1009630	45.486	ug/l	98
85) sec-Butylbenzene	13.623	105	1107899	45.178	ug/l	98
86) p-Isopropyltoluene	13.735	119	911325	46.281	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	518084	46.662	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	506083	45.253	ug/l	99
89) n-Butylbenzene	14.064	91	657260	46.650	ug/l	98
90) Hexachloroethane	14.341	117	179954	49.717	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	506368	45.828	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67786	48.916	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	164777	46.726	ug/l	96
94) Hexachlorobutadiene	15.505	225	86875	47.407	ug/l	97
95) Naphthalene	15.647	128	510046	42.308	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	176967	43.643	ug/l	97

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

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Manual Integrations

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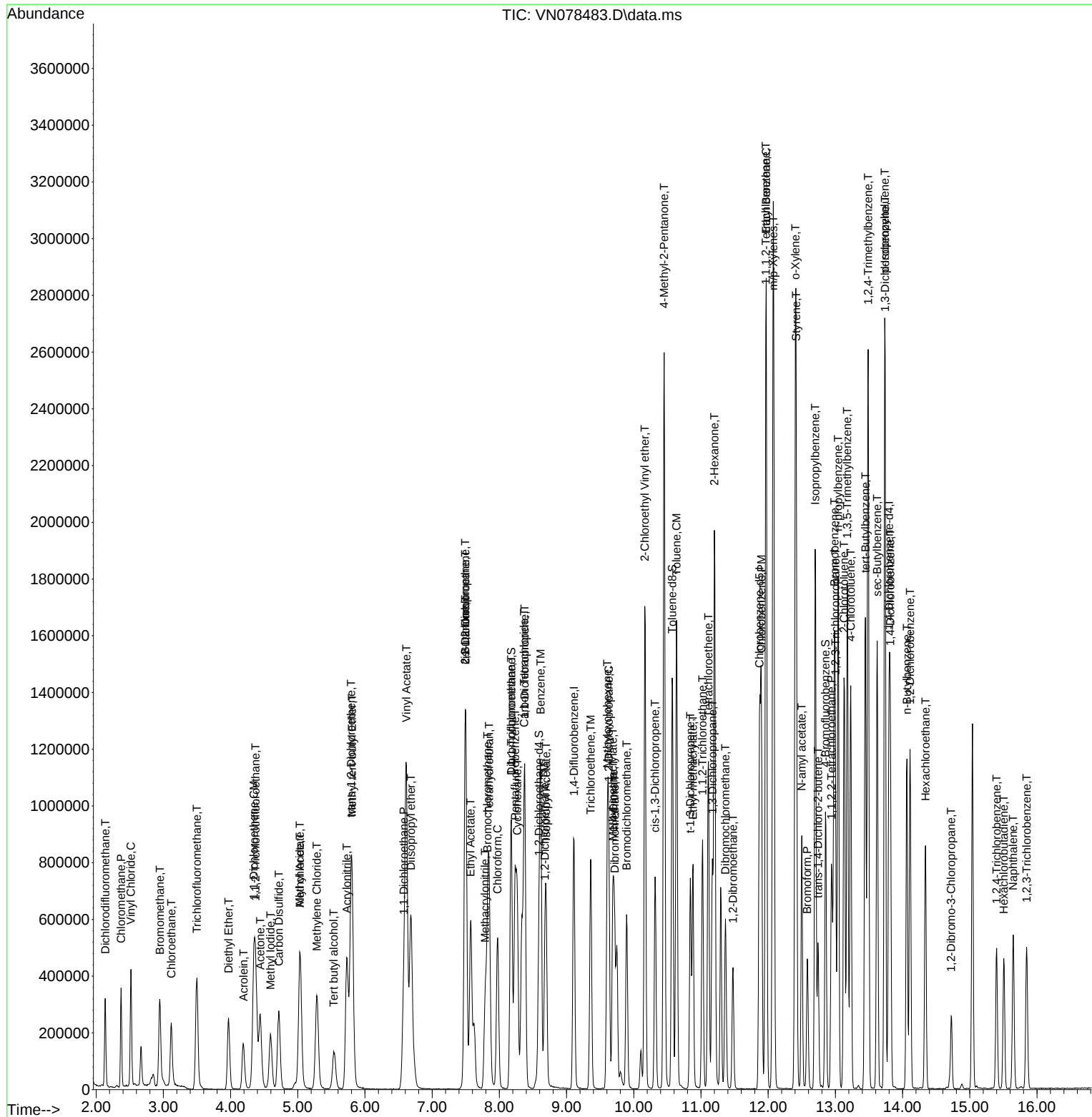
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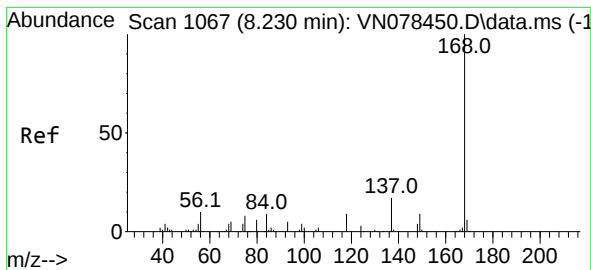
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Quant Title : SW846 8260

QLast Update : Mon Jul 10 16:13:53 2023

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1067

Delta R.T. 0.005 min

Lab File: VN078483.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 474860

Ion Ratio Lower Upper

168 100

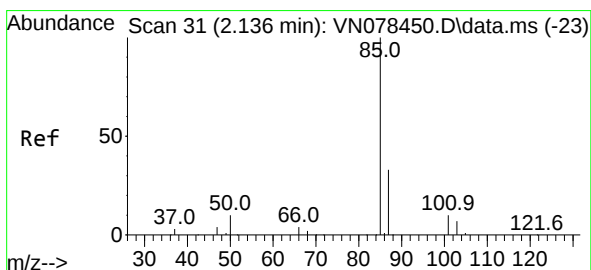
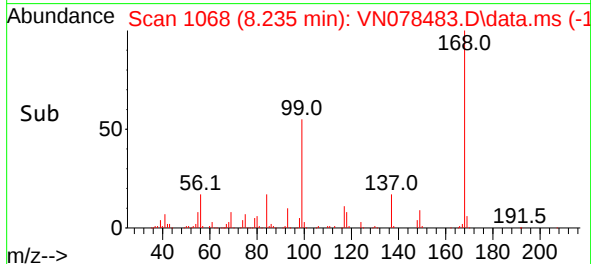
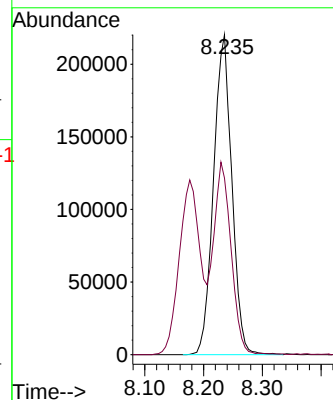
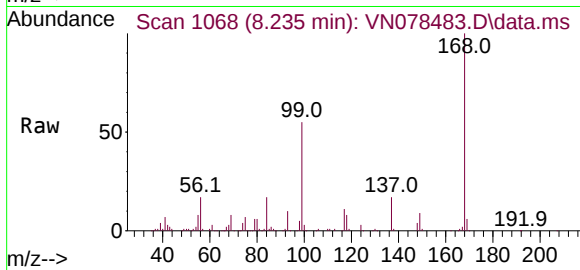
99 54.9 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.184 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078483.D

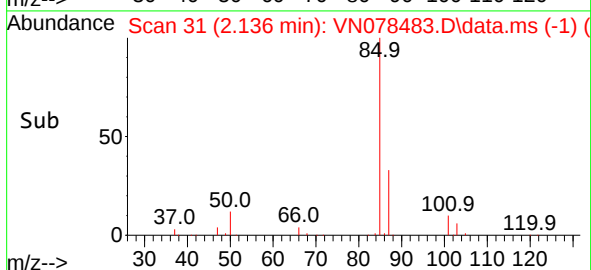
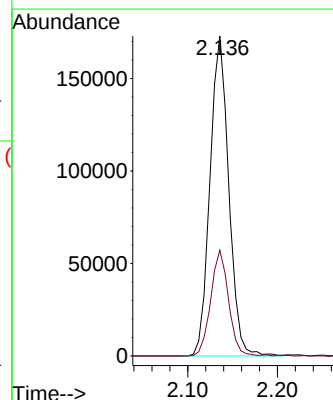
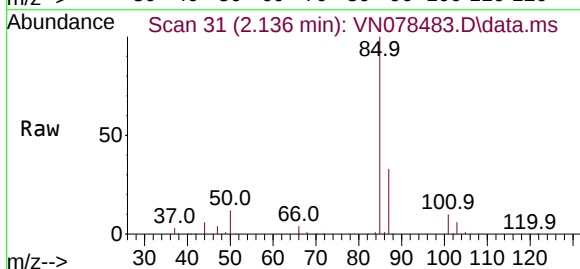
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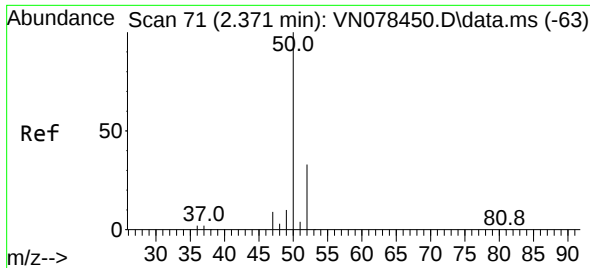
Tgt Ion: 85 Resp: 251420

Ion Ratio Lower Upper

85 100

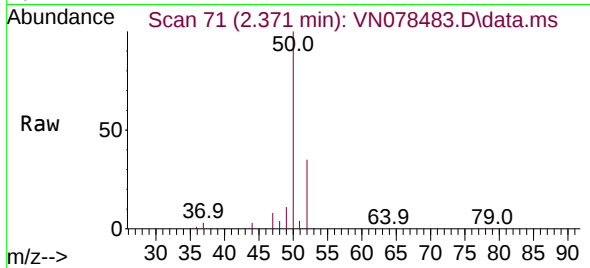
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 44.615 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

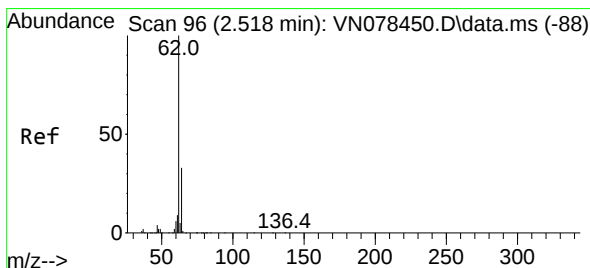
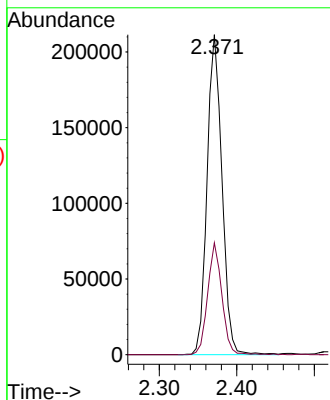
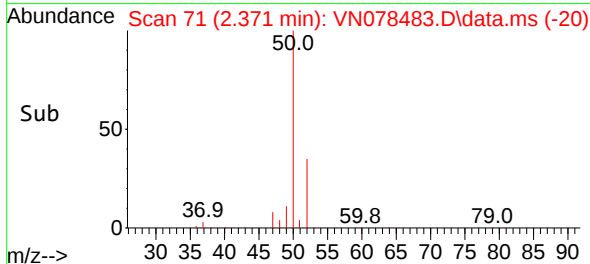
Instrument :
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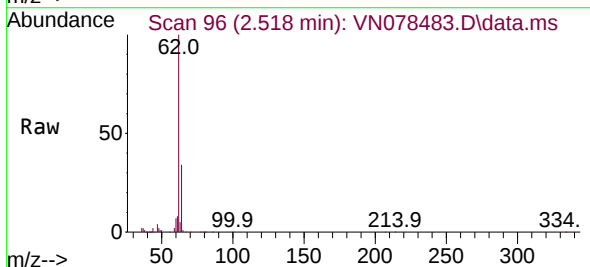
Tgt Ion: 50 Resp: 282329
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7

Manual Integrations
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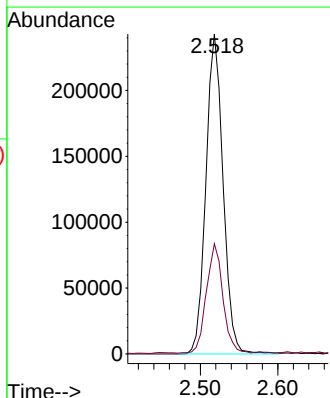
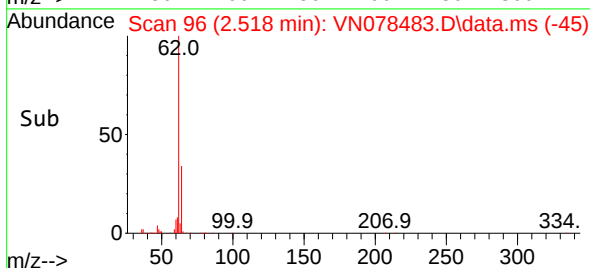
Reviewed By :John Carlone 07/13/2023
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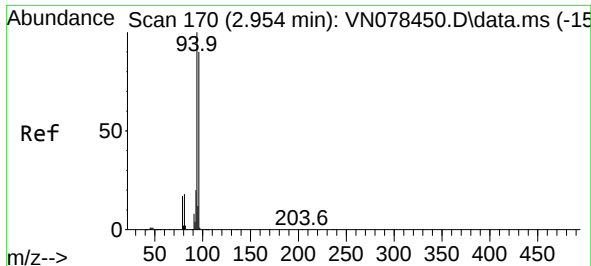


#4
Vinyl Chloride
Concen: 45.662 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



Tgt Ion: 62 Resp: 373787
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.2





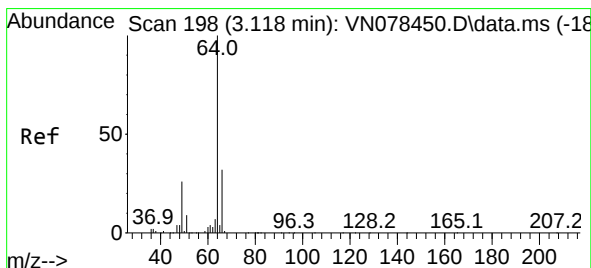
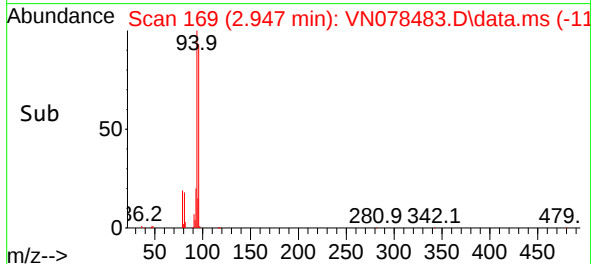
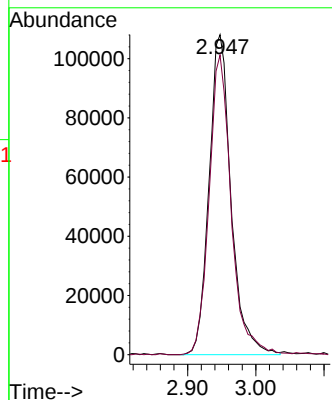
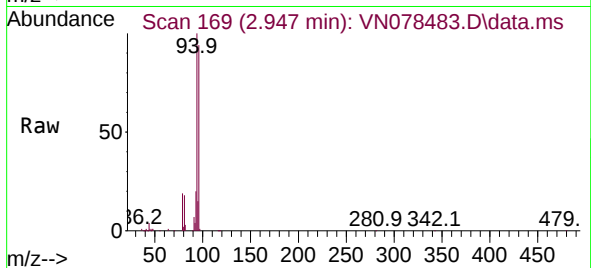
#5
Bromomethane
Concen: 46.609 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.007 min
Lab File: VN078483.D
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Instrument :
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Tgt Ion: 94 Resp: 24307
Ion Ratio Lower Upper
94 100
96 93.6 73.1 109.7

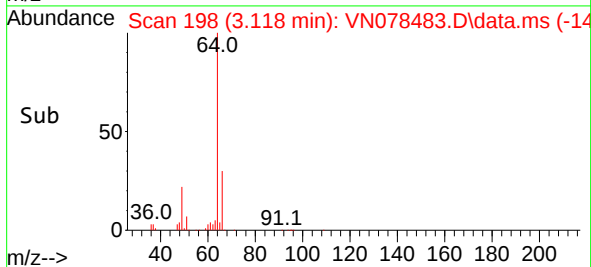
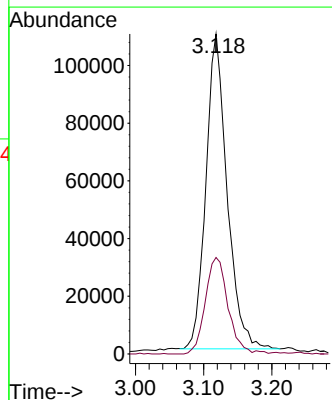
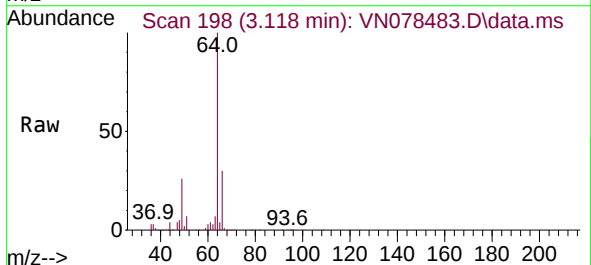
Manual Integrations
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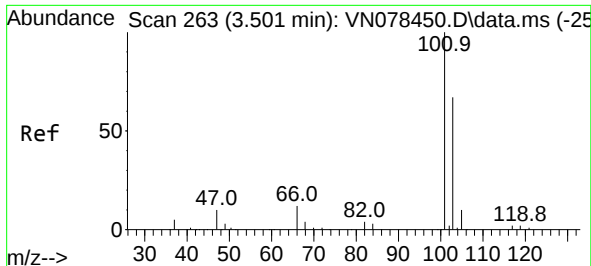
Reviewed By :John Carlone 07/13/2023
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#6
Chloroethane
Concen: 47.620 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion: 64 Resp: 236260
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2





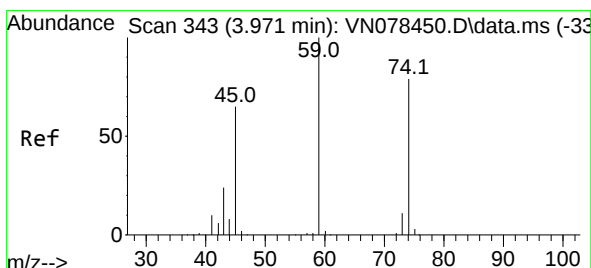
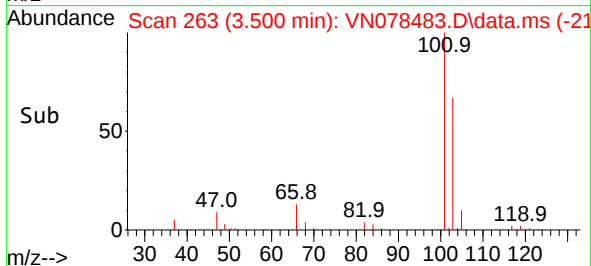
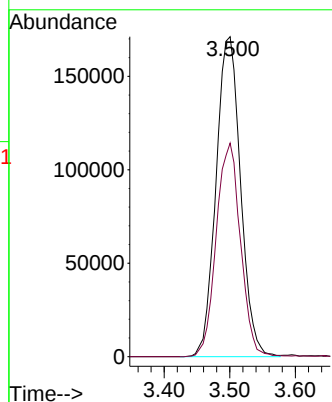
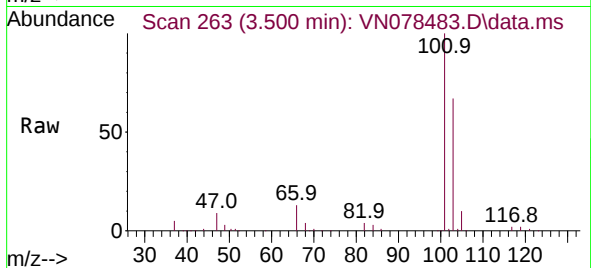
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Trichlorofluoromethane
Concen: 45.435 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 44460
Ion Ratio Lower Upper
101 100
103 66.8 50.7 76.1

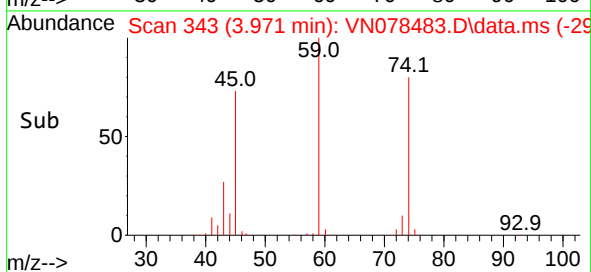
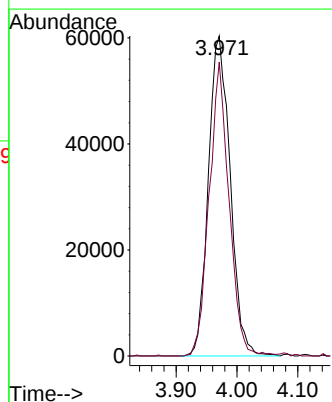
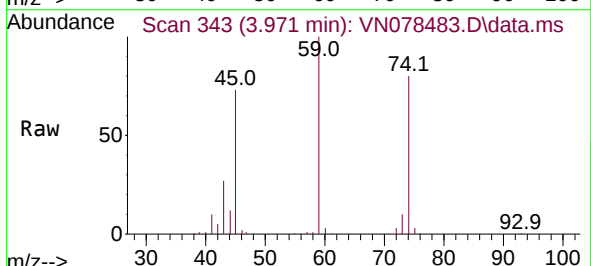
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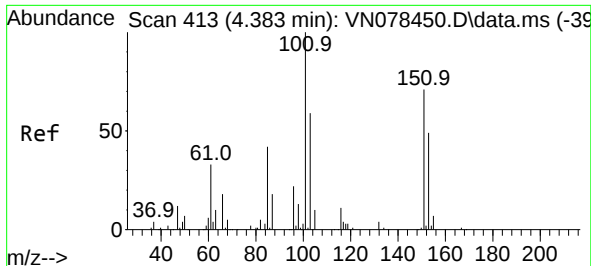
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#8
Diethyl Ether
Concen: 46.152 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion: 74 Resp: 150468
Ion Ratio Lower Upper
74 100
45 83.8 34.4 103.3





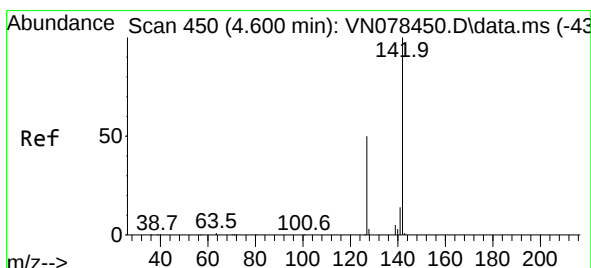
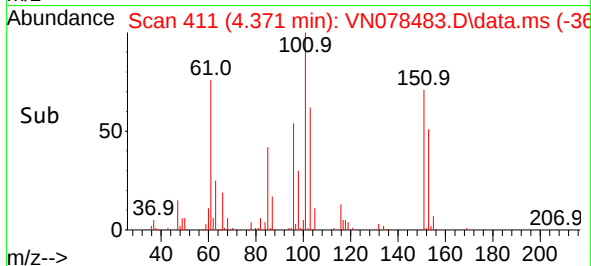
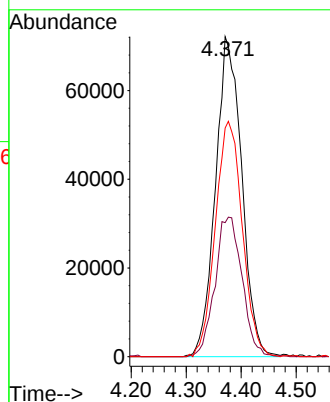
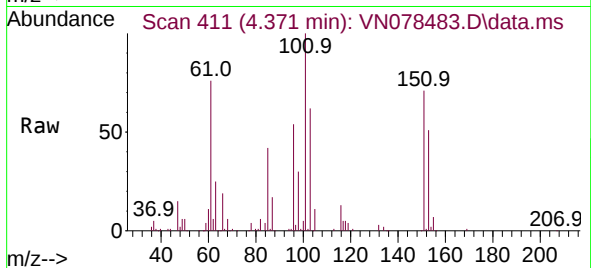
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.114 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 238872
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 75.9 57.6 86.4

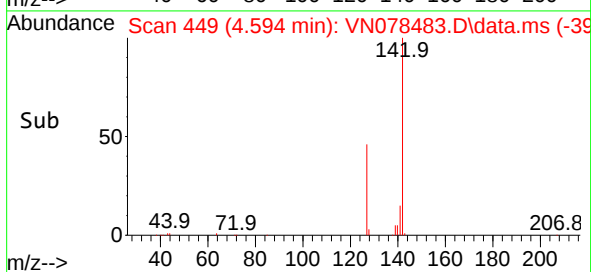
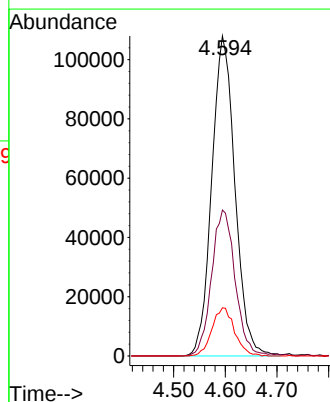
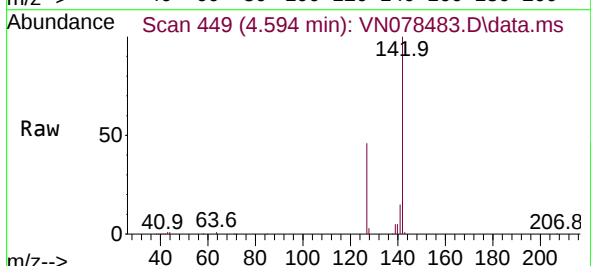
Manual Integrations
APPROVED

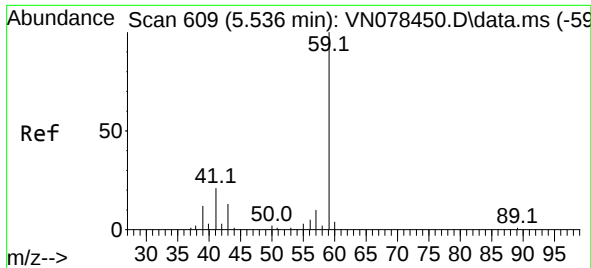
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#10
Methyl Iodide
Concen: 47.321 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion:142 Resp: 336837
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 15.0 11.4 17.0





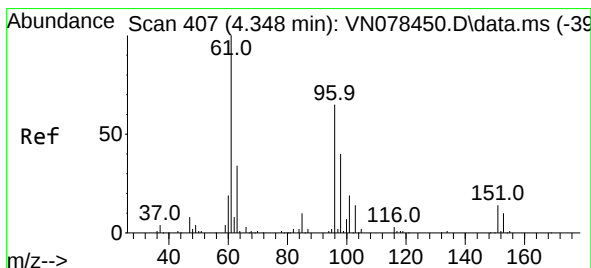
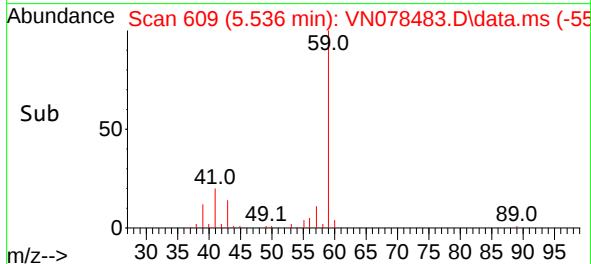
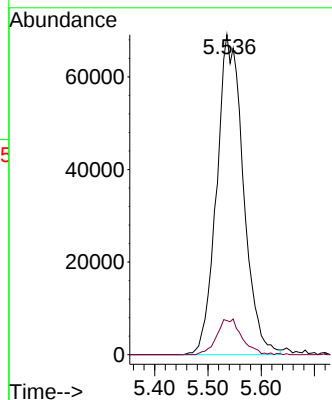
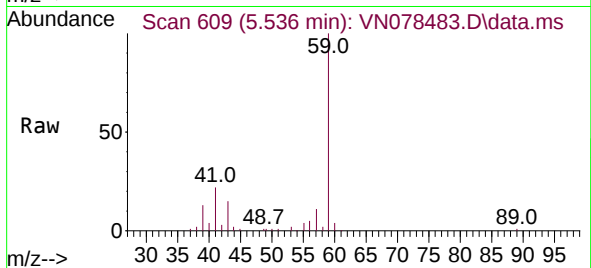
#11
Tert butyl alcohol
Concen: 244.422 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 23994
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

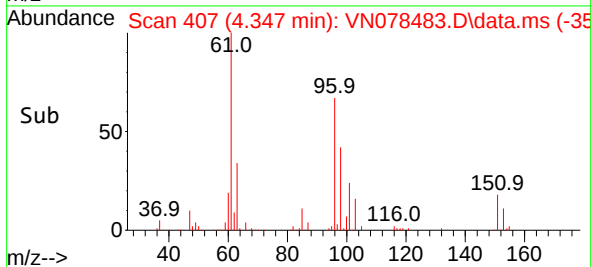
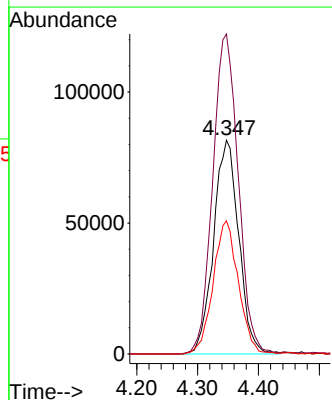
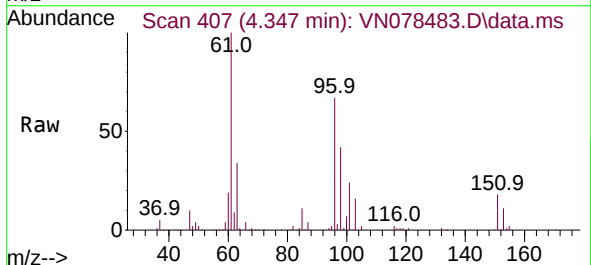
Manual Integrations
APPROVED

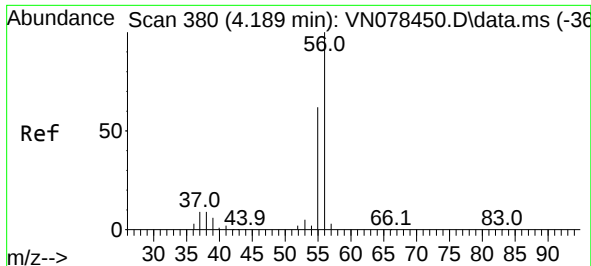
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#12
1,1-Dichloroethene
Concen: 46.801 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

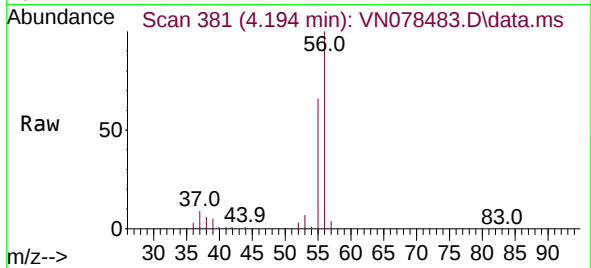
Tgt Ion: 96 Resp: 234505
Ion Ratio Lower Upper
96 100
61 149.7 112.7 169.1
98 62.2 51.2 76.8





#13
Acrolein
Concen: 216.368 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

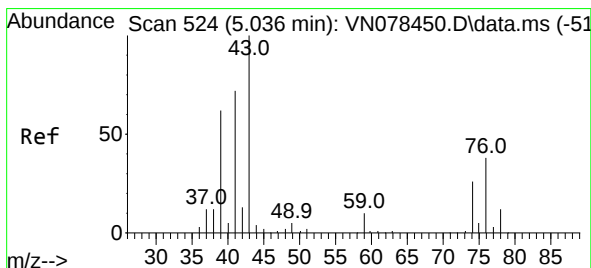
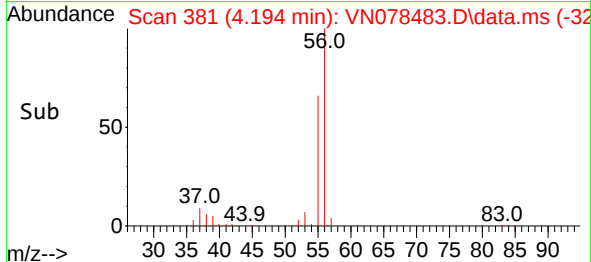
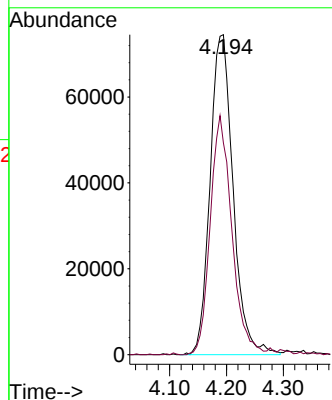
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 208979
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7

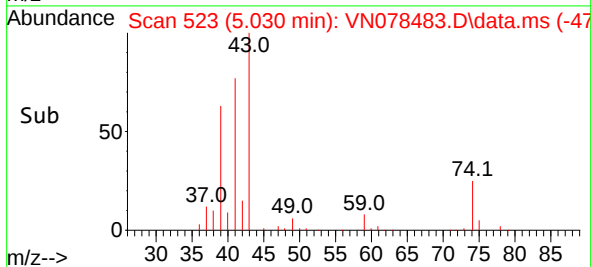
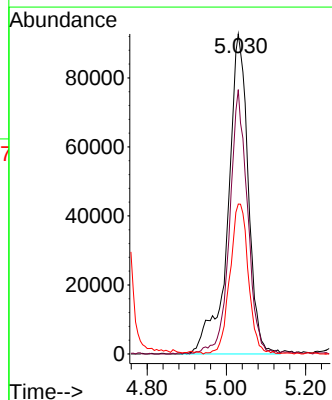
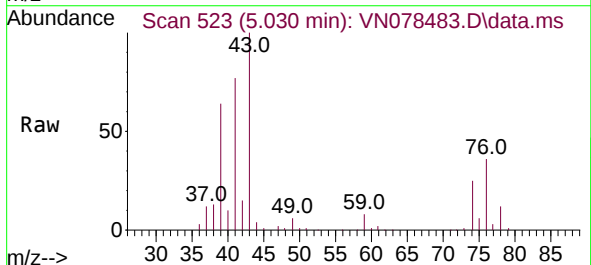
Manual Integrations
APPROVED

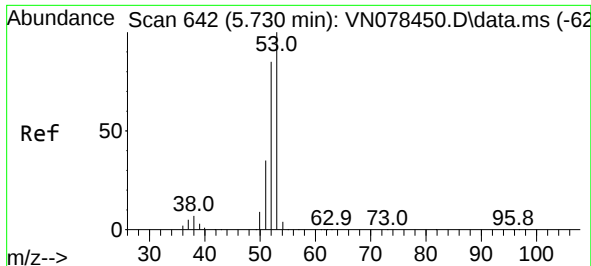
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#14
Allyl chloride
Concen: 48.174 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

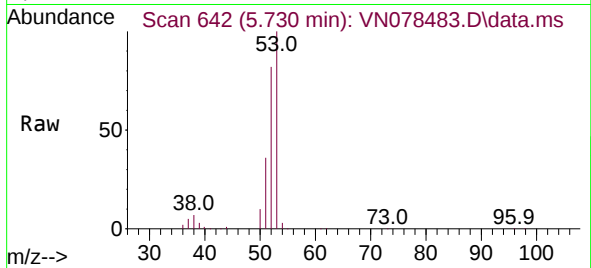
Tgt Ion: 41 Resp: 329840
Ion Ratio Lower Upper
41 100
39 72.8 58.8 88.2
76 42.5 39.1 58.7





#15
Acrylonitrile
Concen: 244.496 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

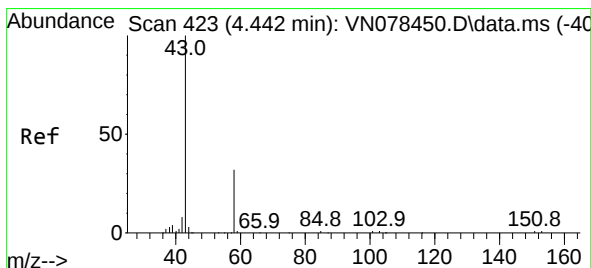
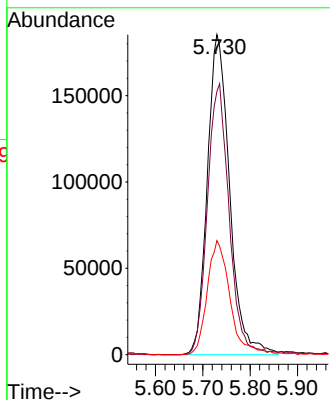
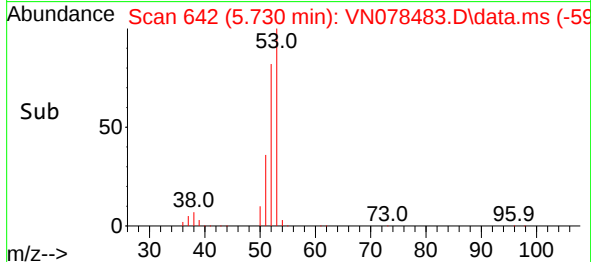
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 606425
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 36.7 28.9 43.3

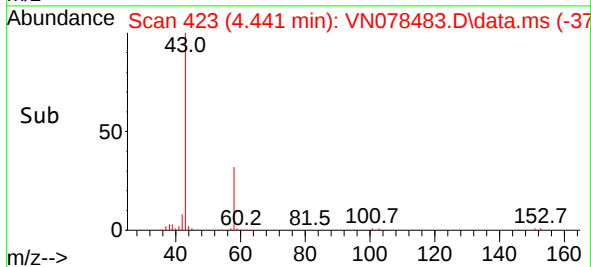
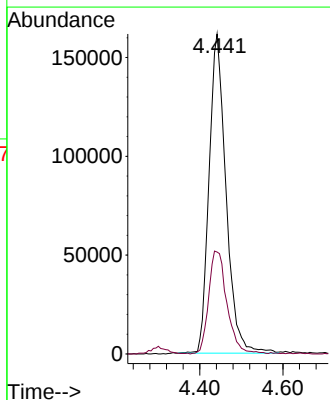
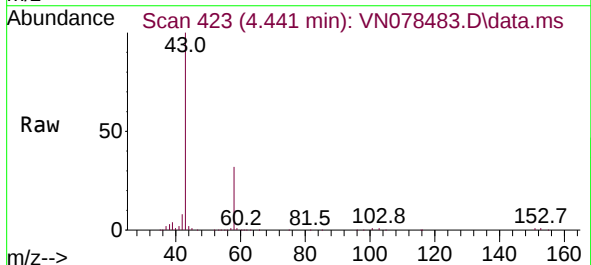
Manual Integrations
APPROVED

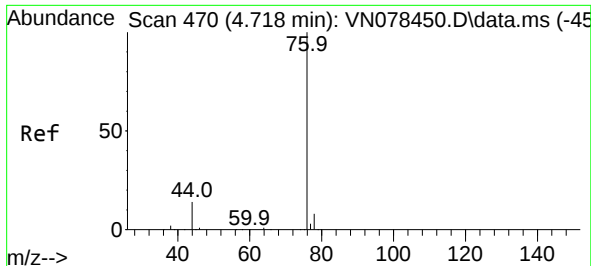
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#16
Acetone
Concen: 230.347 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion: 43 Resp: 456786
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





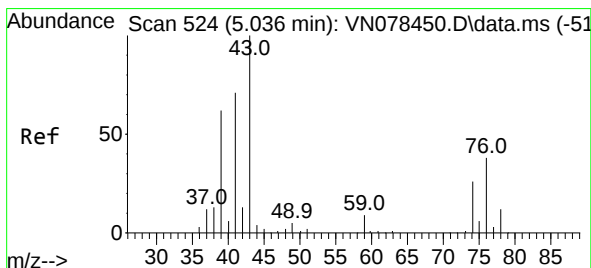
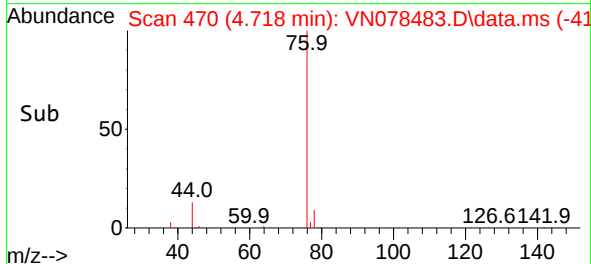
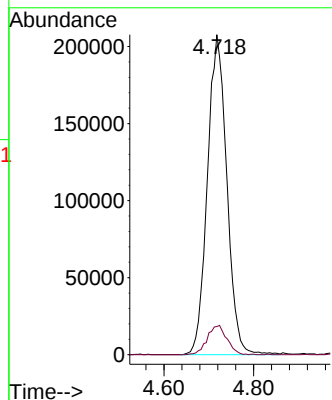
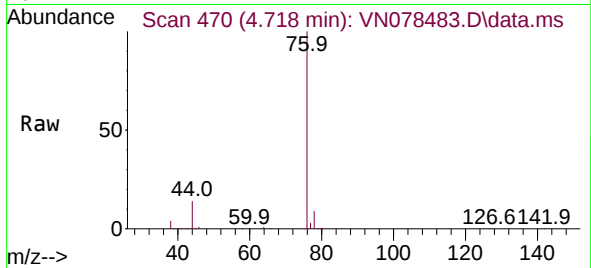
#17
Carbon Disulfide
Concen: 43.172 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 62552
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

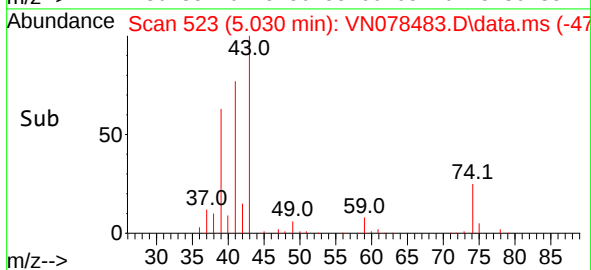
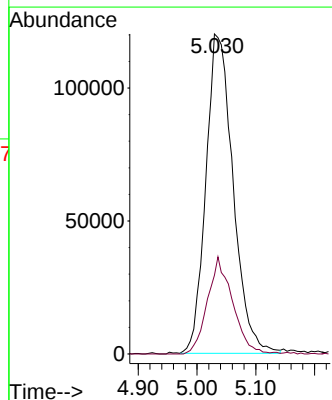
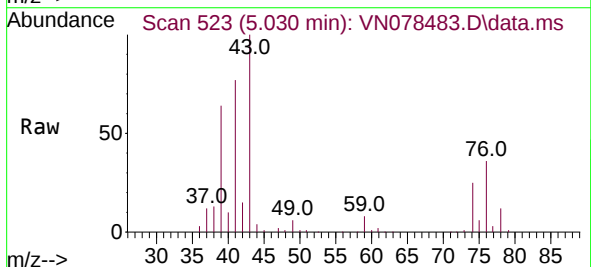
Manual Integrations
APPROVED

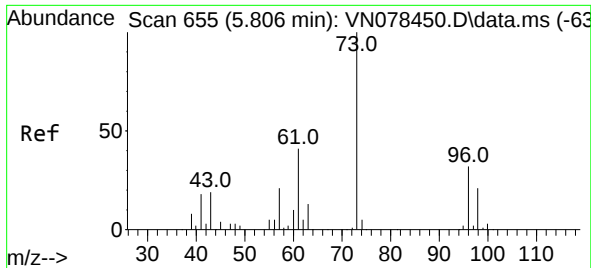
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#18
Methyl Acetate
Concen: 46.010 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion: 43 Resp: 386237
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4





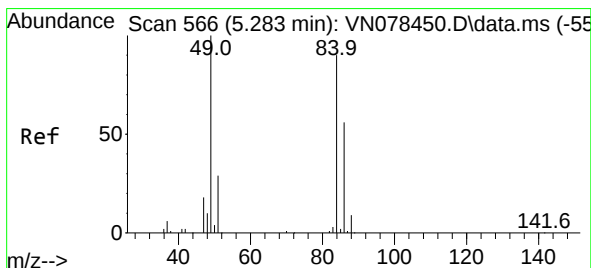
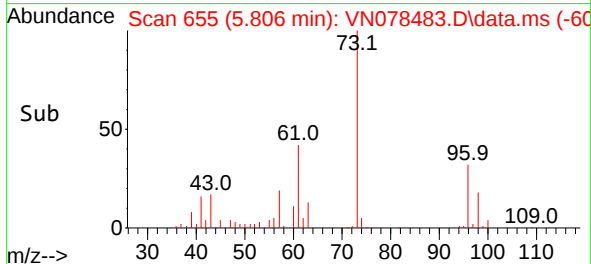
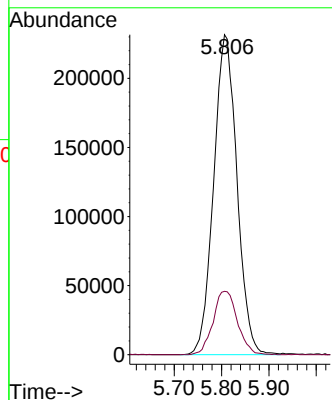
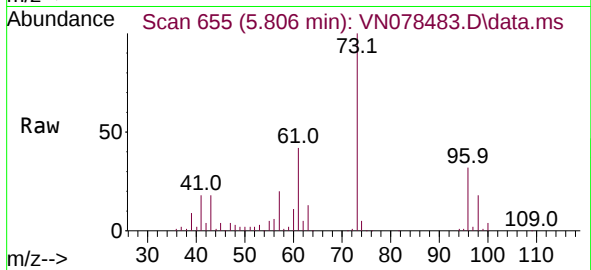
#19
Methyl tert-butyl Ether
Concen: 47.888 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 790599
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

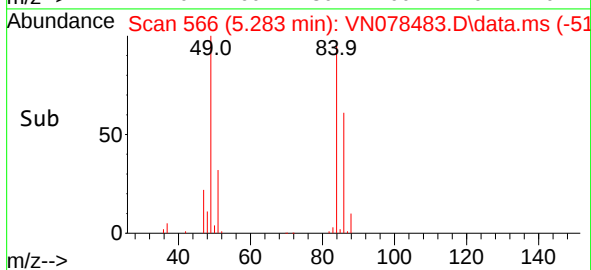
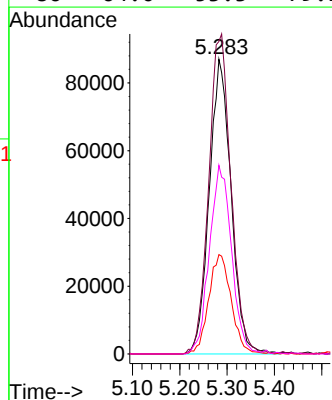
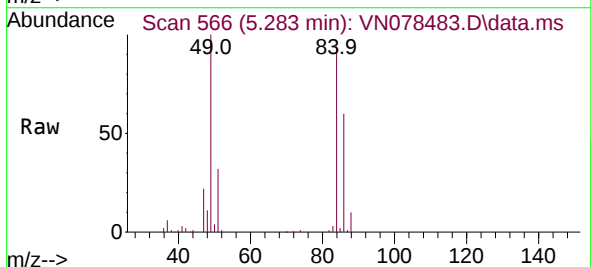
Manual Integrations
APPROVED

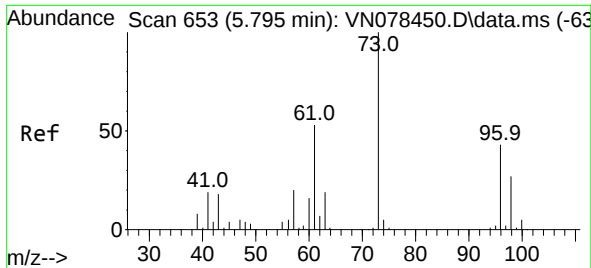
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#20
Methylene Chloride
Concen: 49.055 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

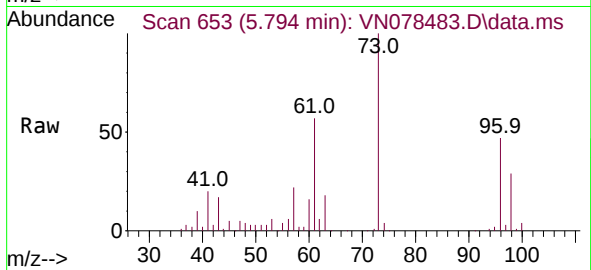
Tgt Ion: 84 Resp: 279164
Ion Ratio Lower Upper
84 100
49 106.0 79.7 119.5
51 33.7 25.2 37.8
86 64.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.512 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

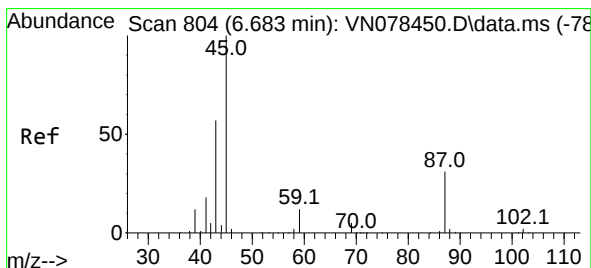
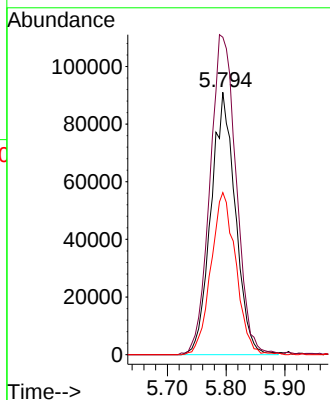
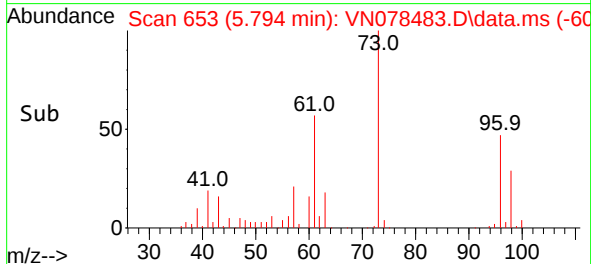
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



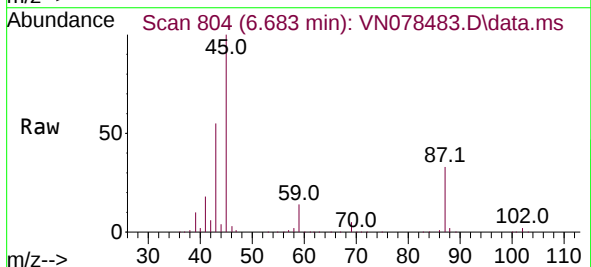
Tgt Ion: 96 Resp: 262620
Ion Ratio Lower Upper
96 100
61 121.0 90.1 135.1
98 61.8 46.4 69.6

Manual Integrations
APPROVED

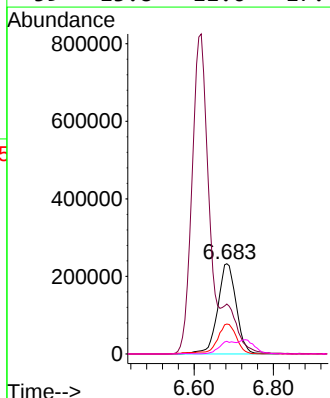
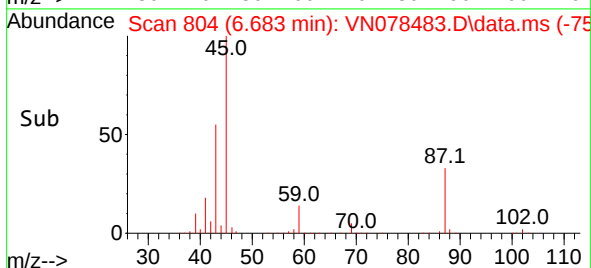
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

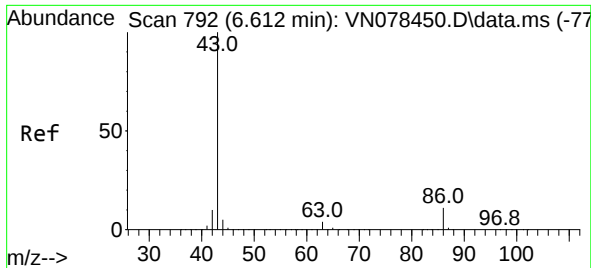


#22
Diisopropyl ether
Concen: 49.214 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



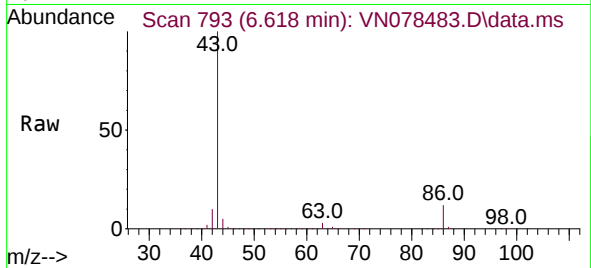
Tgt Ion: 45 Resp: 754500
Ion Ratio Lower Upper
45 100
43 54.4 45.5 68.3
87 33.0 31.8 47.8
59 13.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 244.383 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:09

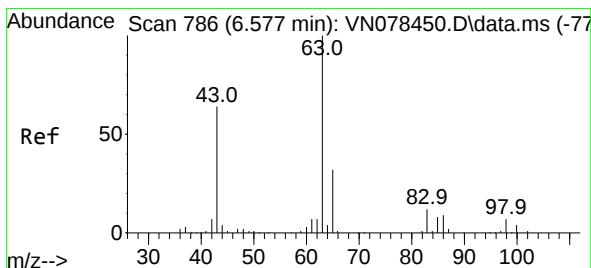
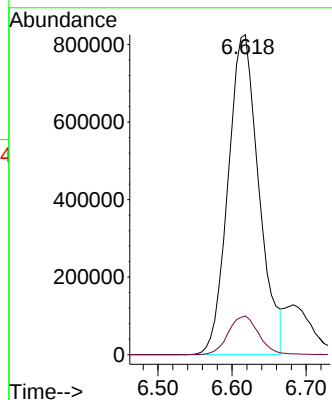
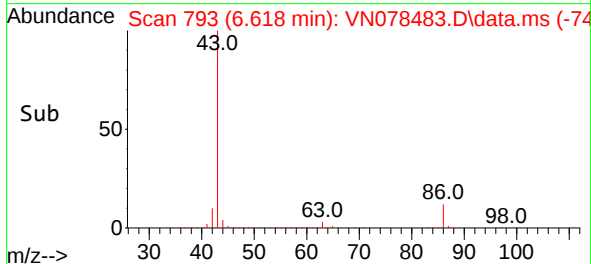
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2381878
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6

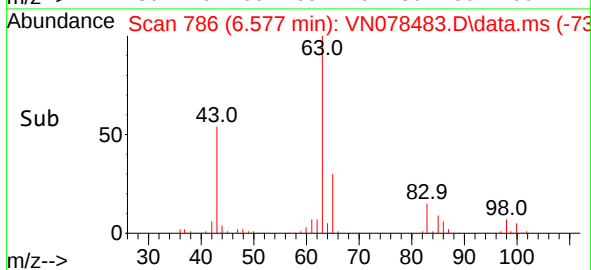
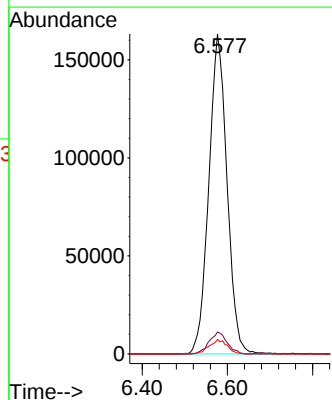
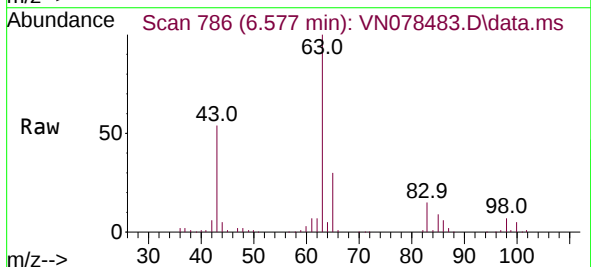
Manual Integrations
 APPROVED

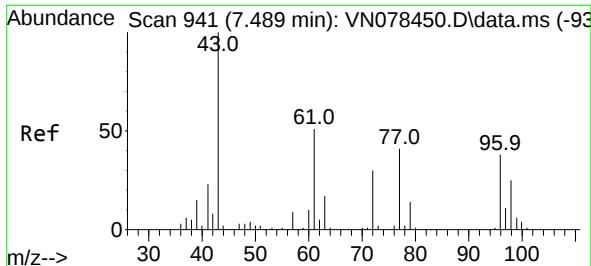
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023



#24
 1,1-Dichloroethane
 Concen: 46.832 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:09

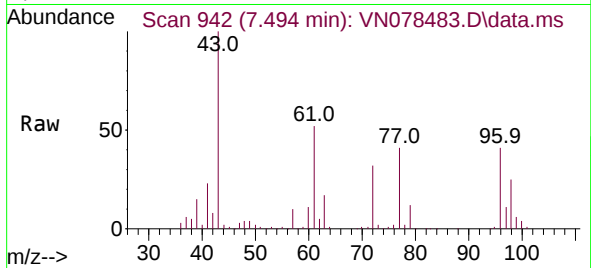
Tgt Ion: 63 Resp: 483802
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 239.087 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

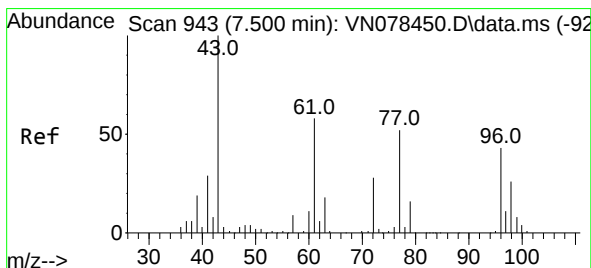
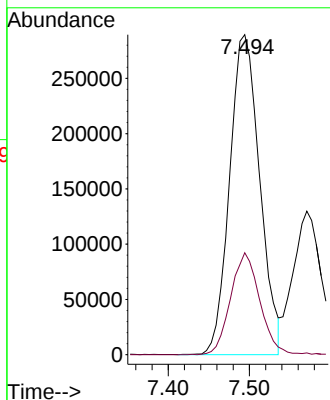
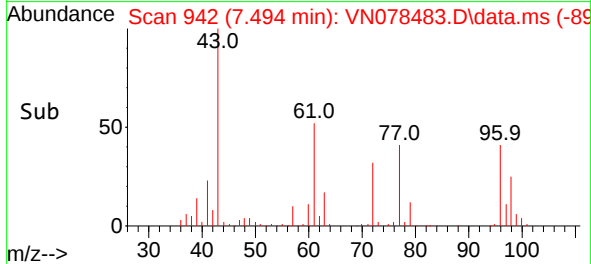
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 746327
Ion Ratio Lower Upper
43 100
72 31.8 30.2 45.2

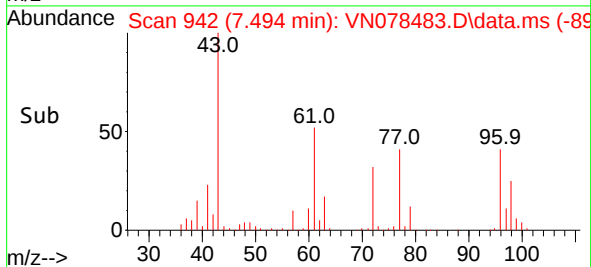
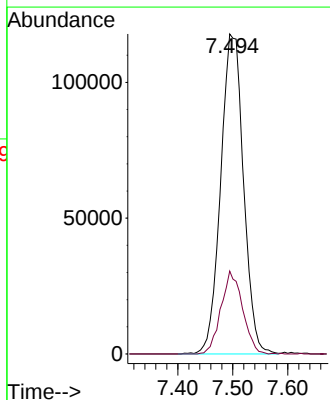
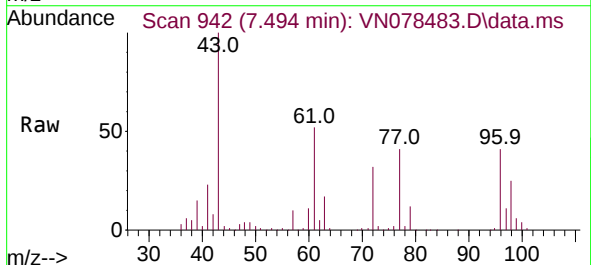
Manual Integrations
APPROVED

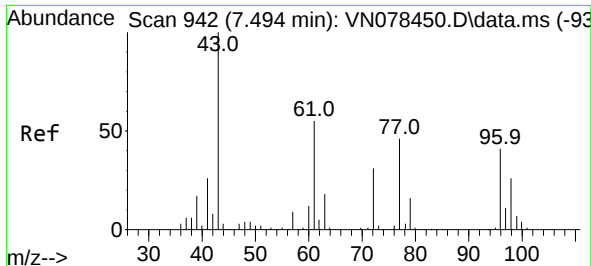
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#26
2,2-Dichloropropane
Concen: 40.233 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

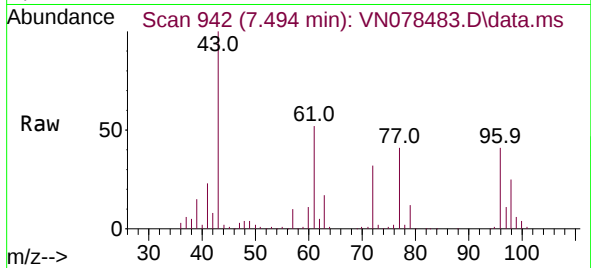
Tgt Ion: 77 Resp: 339939
Ion Ratio Lower Upper
77 100
97 24.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.198 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:09

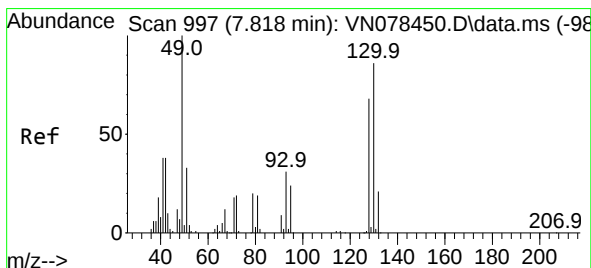
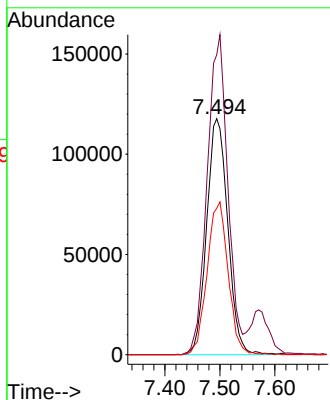
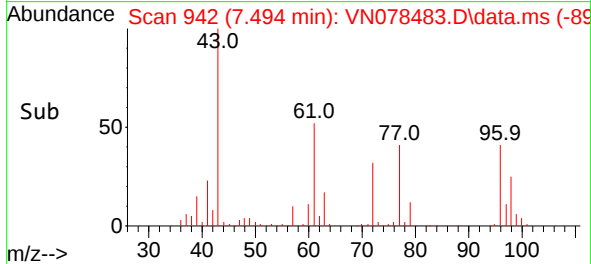
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 314828
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 255.2
 98 64.2 0.0 128.8

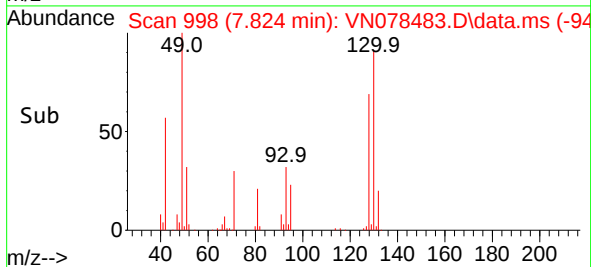
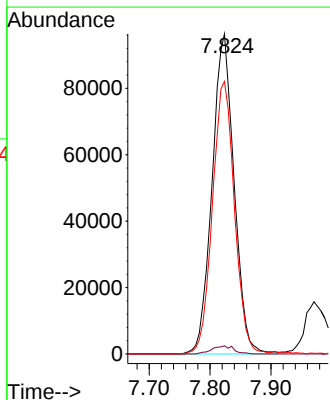
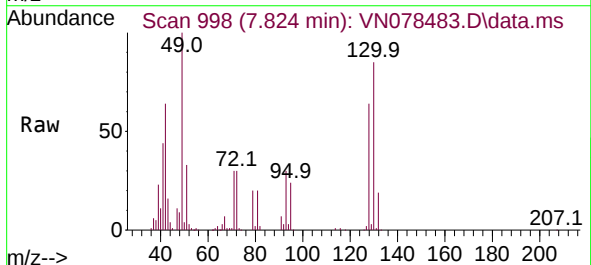
Manual Integrations
 APPROVED

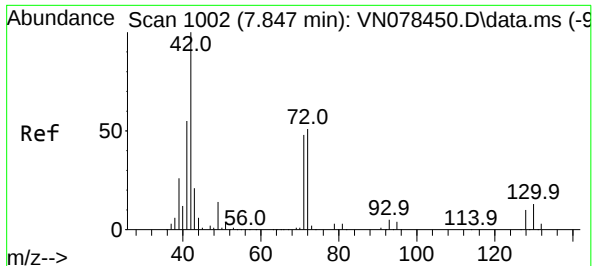
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023



#28
 Bromochloromethane
 Concen: 49.701 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:09

Tgt Ion: 49 Resp: 241831
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 85.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 235.248 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 481852

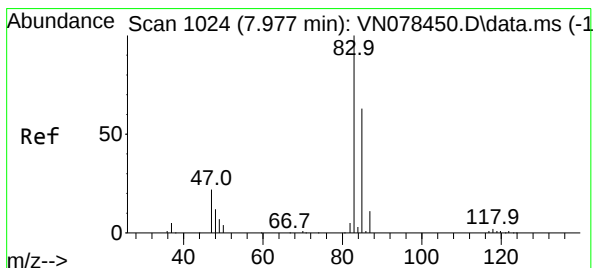
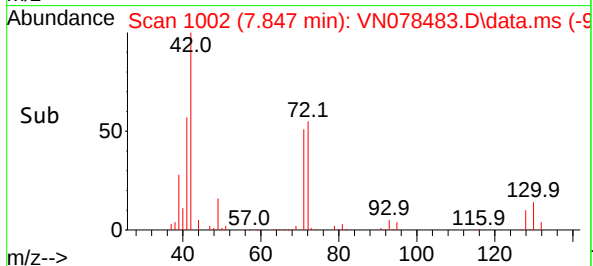
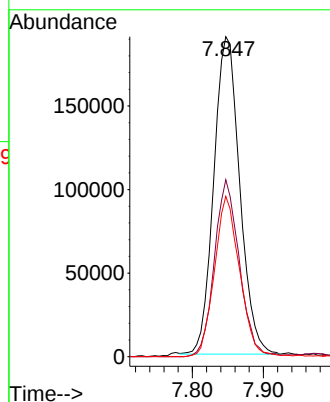
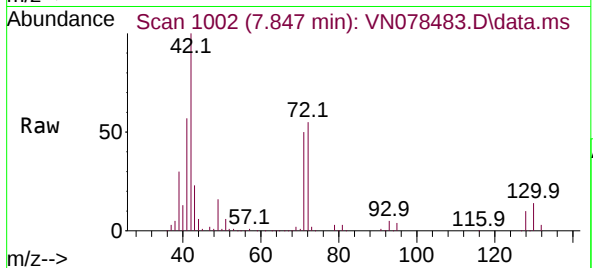
Ion	Ratio	Lower	Upper
42	100		
72	53.5	49.8	74.6
71	49.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#30

Chloroform

Concen: 49.543 ug/l

RT: 7.971 min Scan# 1023

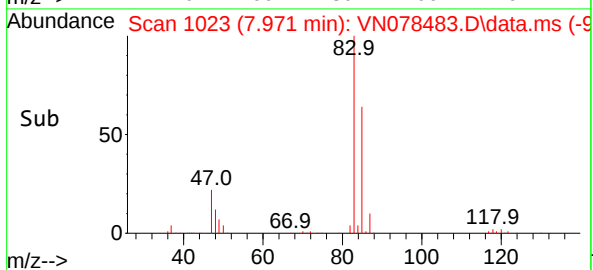
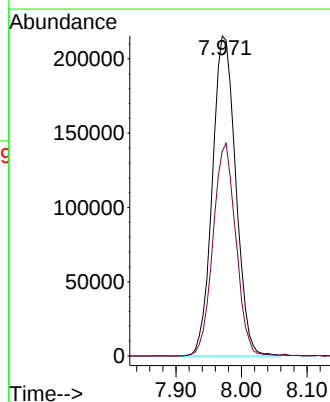
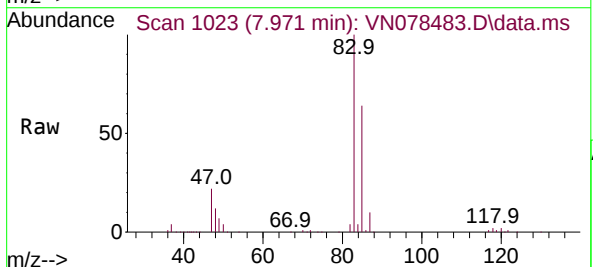
Delta R.T. -0.006 min

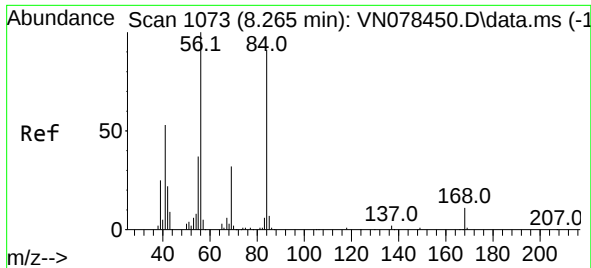
Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Tgt Ion: 83 Resp: 532845

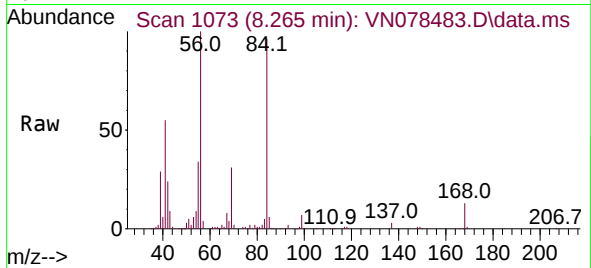
Ion	Ratio	Lower	Upper
83	100		
85	64.1	55.4	83.0





#31
Cyclohexane
Concen: 44.197 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

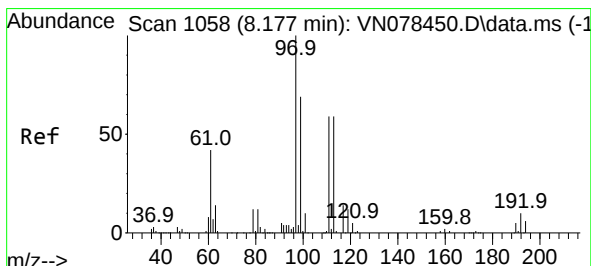
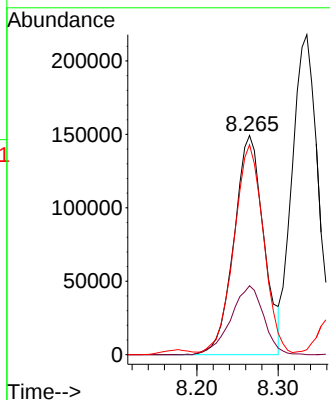
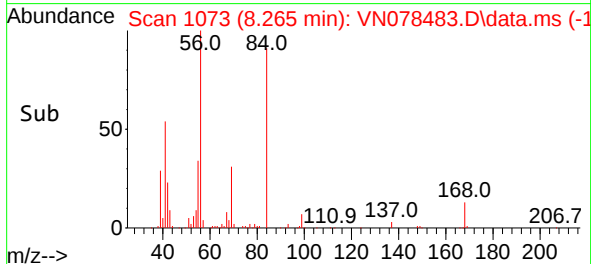
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



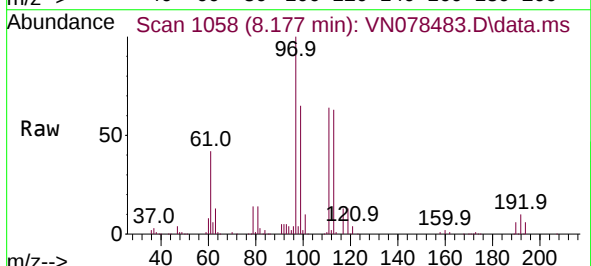
Tgt Ion: 56 Resp: 380240
Ion Ratio Lower Upper
56 100
69 31.5 26.8 40.2
84 93.4 81.8 122.6

Manual Integrations
APPROVED

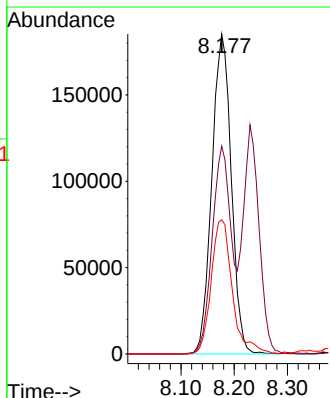
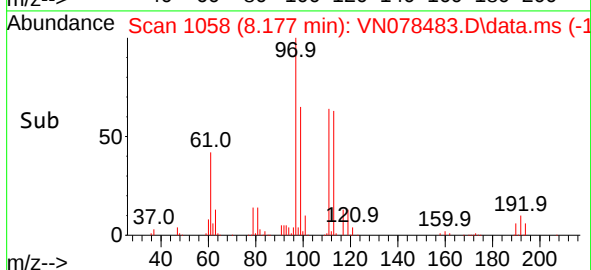
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

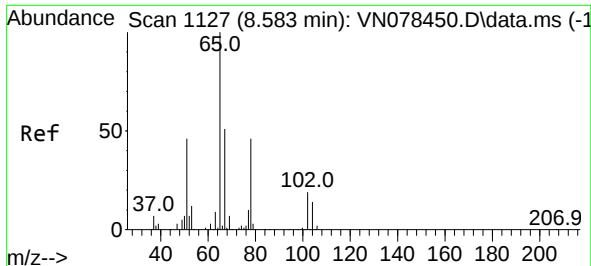


#32
1,1,1-Trichloroethane
Concen: 48.575 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



Tgt Ion: 97 Resp: 468398
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.682 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 32264

Ion Ratio Lower Upper

65 100

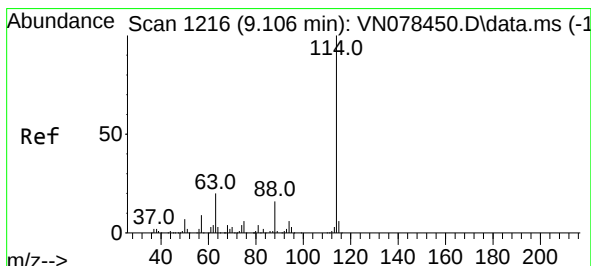
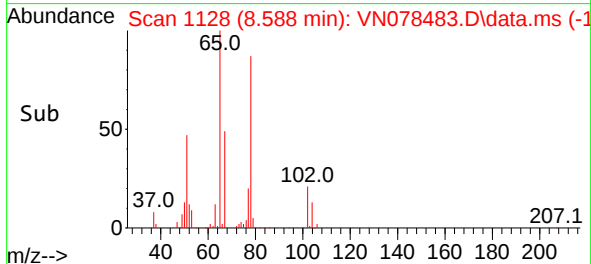
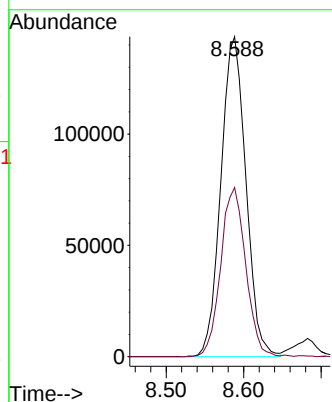
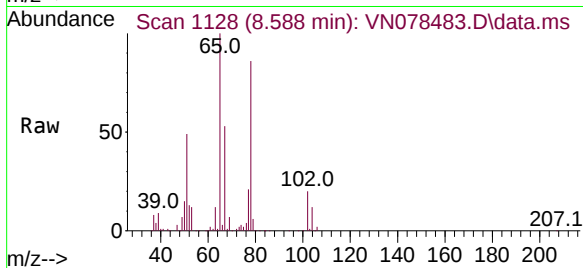
67 52.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

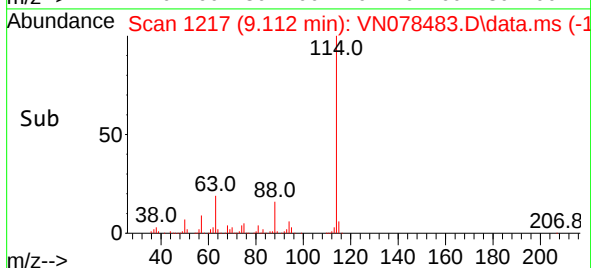
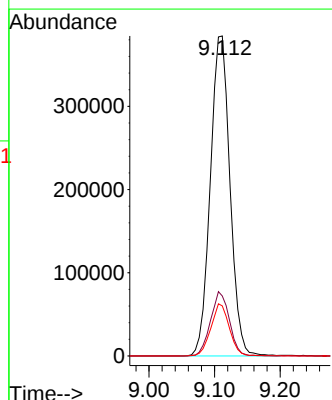
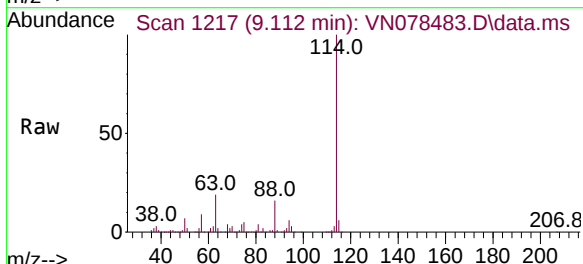
Tgt Ion:114 Resp: 800634

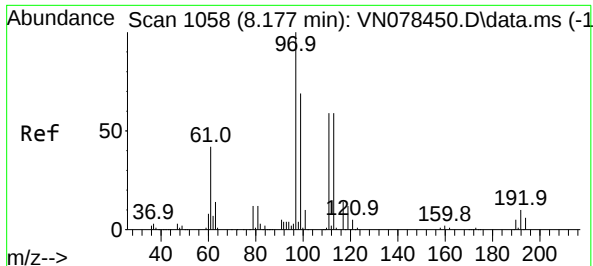
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.609 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 28049

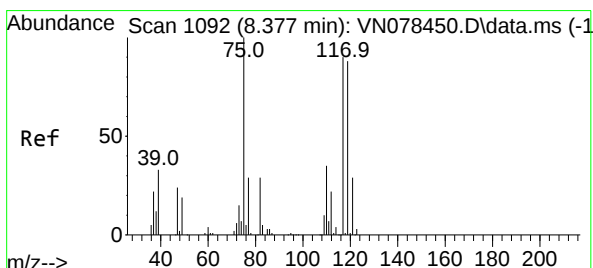
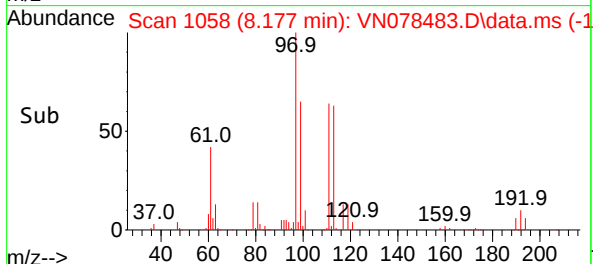
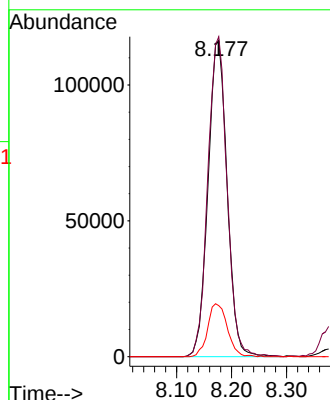
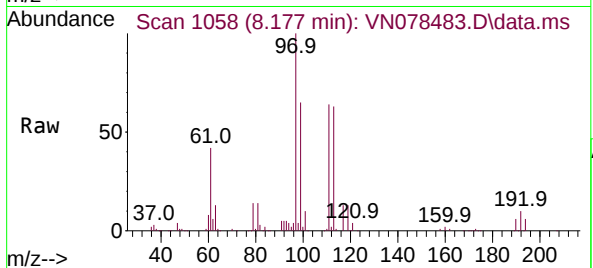
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	17.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#36

1,1-Dichloropropene

Concen: 48.384 ug/l

RT: 8.377 min Scan# 1092

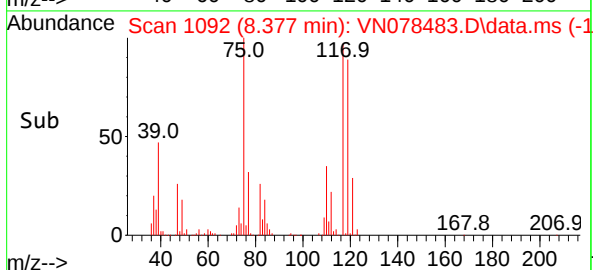
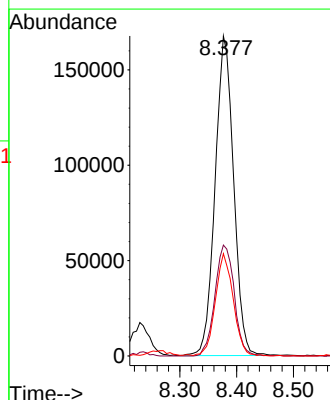
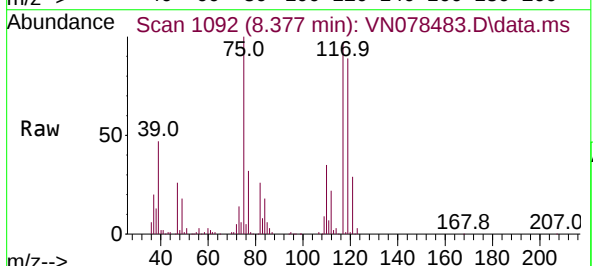
Delta R.T. -0.000 min

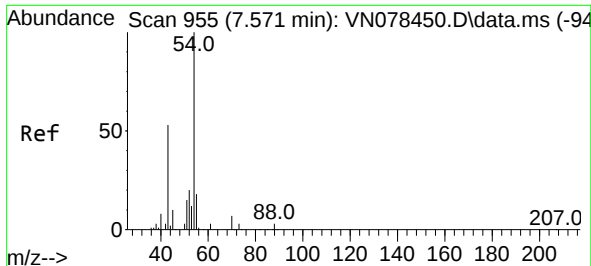
Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Tgt Ion: 75 Resp: 379696

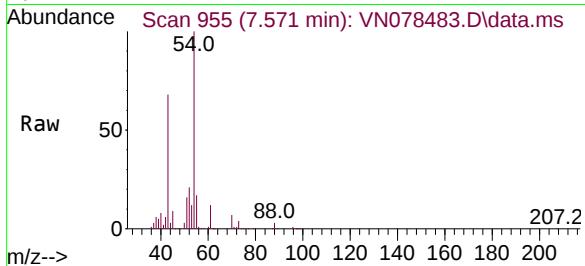
Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.1	57.3
77	31.1	25.0	37.4





#37
Ethyl Acetate
Concen: 50.163 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

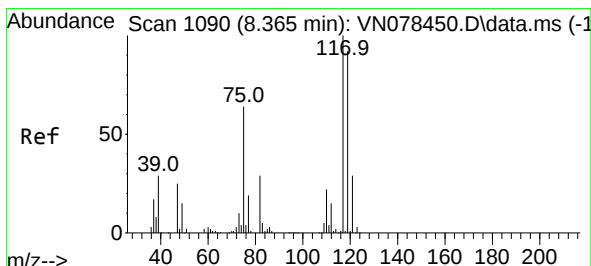
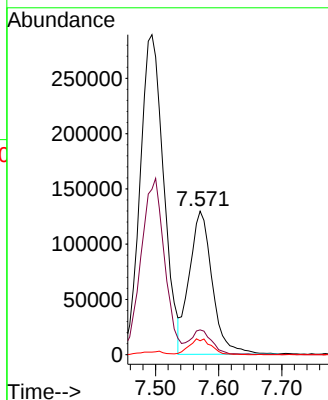
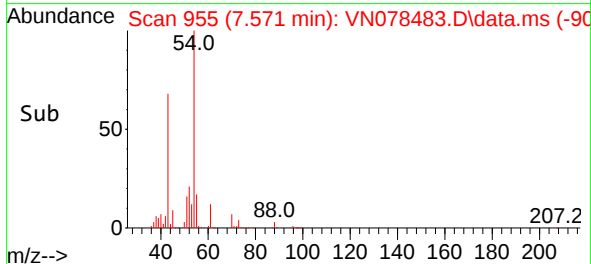
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 32816
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 10.7 11.3 16.9

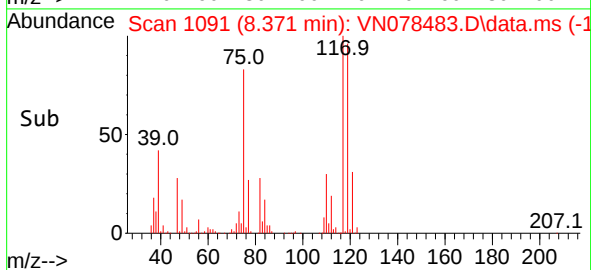
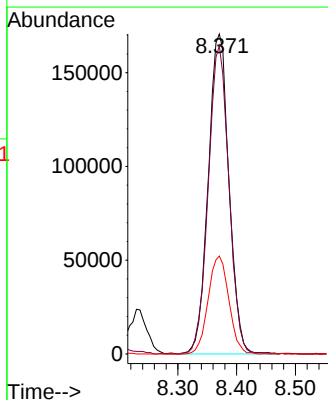
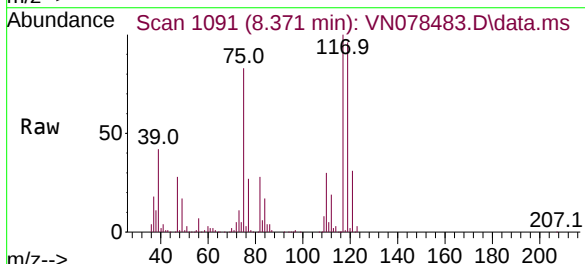
Manual Integrations
APPROVED

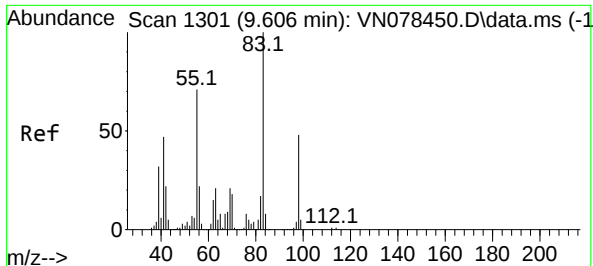
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#38
Carbon Tetrachloride
Concen: 49.040 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

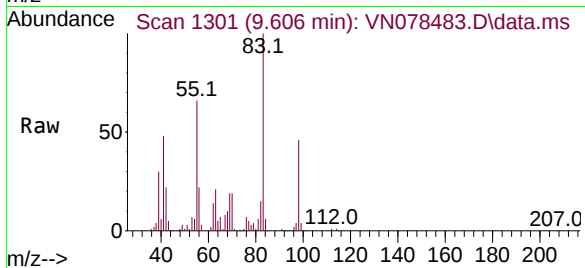
Tgt Ion:117 Resp: 418263
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
121 30.6 23.3 34.9





#39
Methylcyclohexane
Concen: 49.773 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

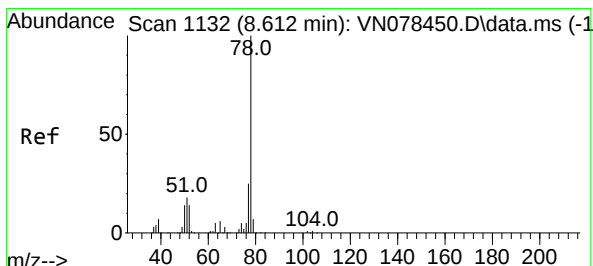
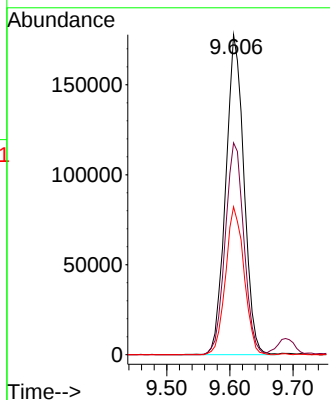
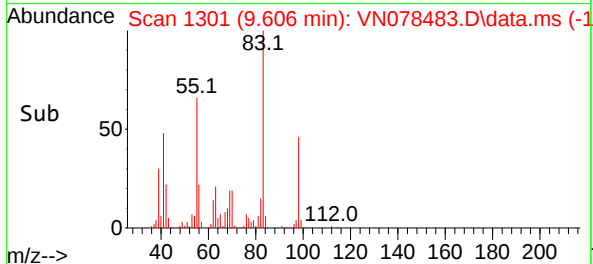
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



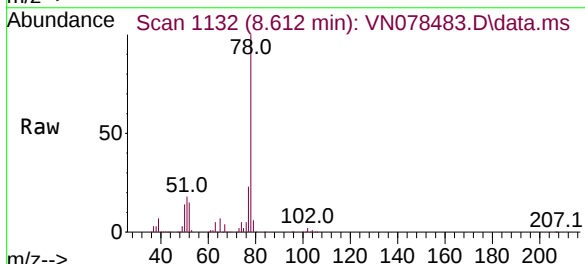
Tgt Ion: 83 Resp: 356534
Ion Ratio Lower Upper
83 100
55 66.2 49.1 73.7
98 46.2 40.6 61.0

Manual Integrations
APPROVED

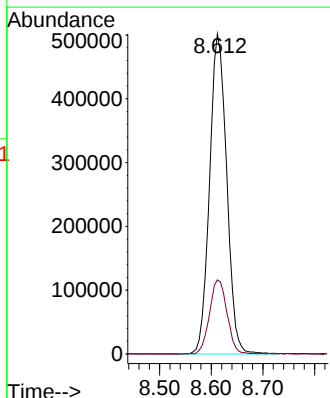
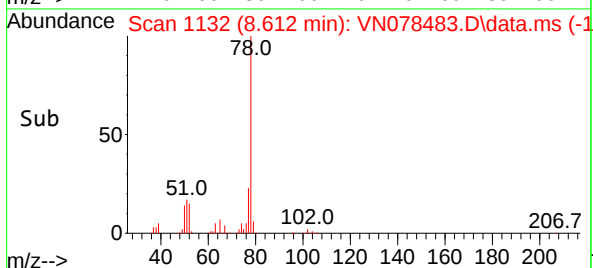
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

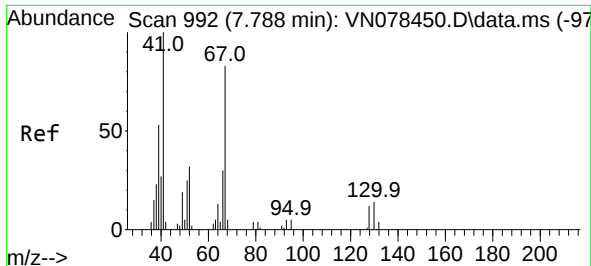


#40
Benzene
Concen: 49.622 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



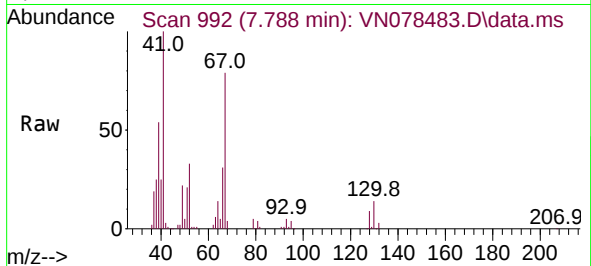
Tgt Ion: 78 Resp: 1153657
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 52.586 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

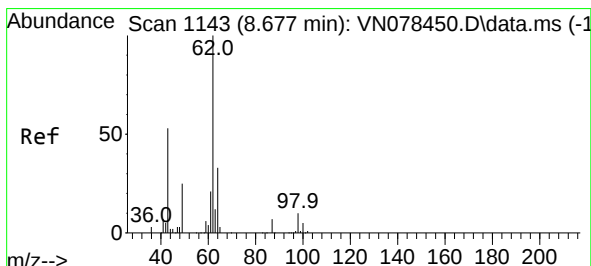
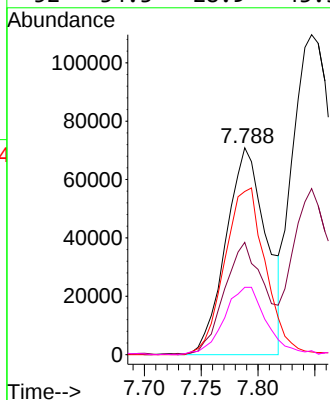
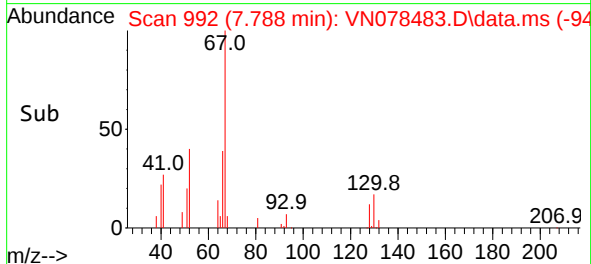
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 17537
Ion Ratio Lower Upper
41 100
39 55.0 42.6 64.0
67 81.9 77.5 116.3
52 34.3 28.9 43.3

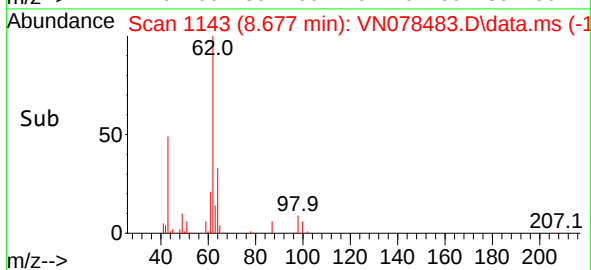
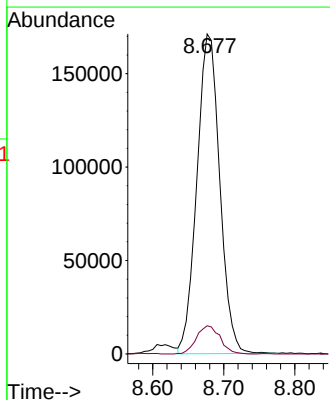
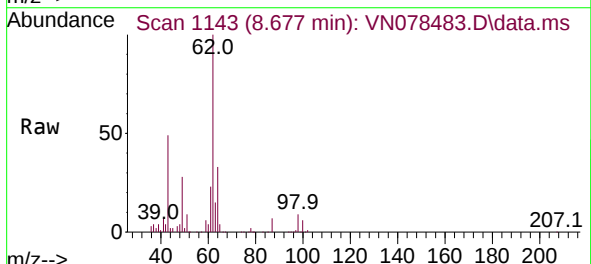
Manual Integrations
APPROVED

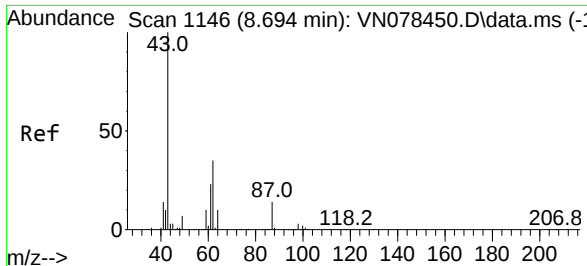
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#42
1,2-Dichloroethane
Concen: 48.452 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion: 62 Resp: 383157
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





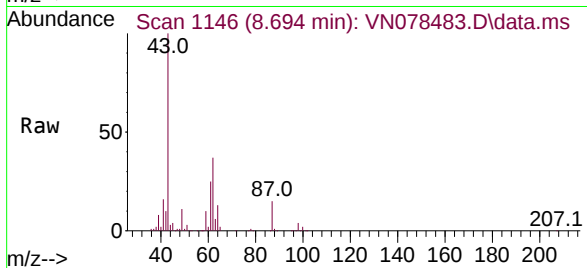
#43
Isopropyl Acetate
Concen: 49.919 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



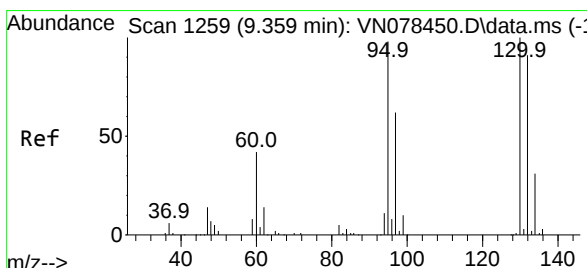
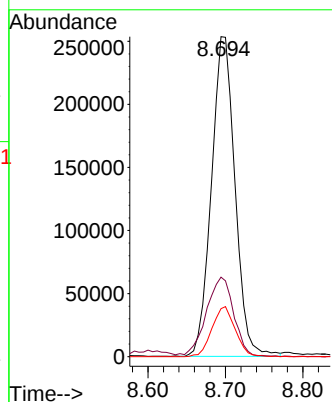
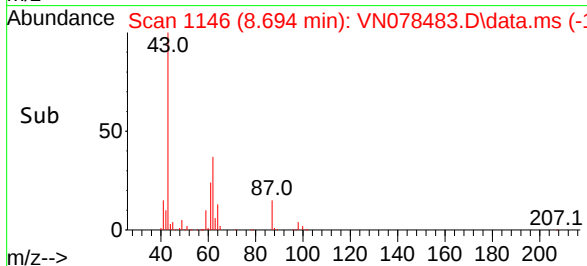
Tgt Ion: 43 Resp: 53765
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 15.5 14.6 21.8

Manual Integrations

APPROVED

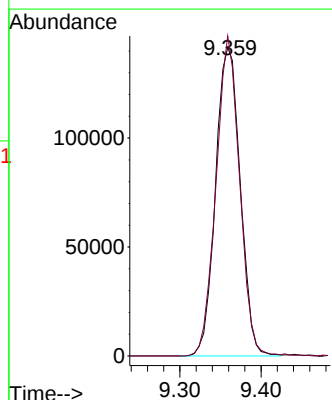
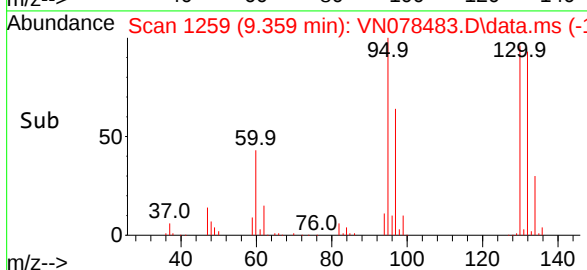
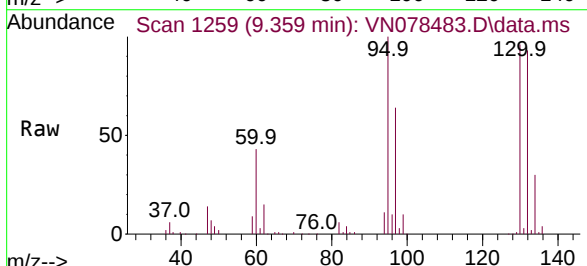
Reviewed By :John Carlone 07/13/2023

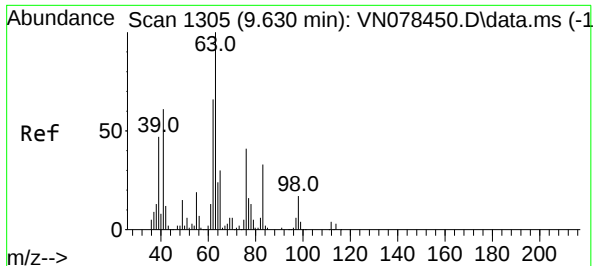
Supervised By :Mahesh Dadoda 07/13/2023



#44
Trichloroethene
Concen: 47.726 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion:130 Resp: 299054
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.111 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 289184

Ion Ratio Lower Upper

63 100

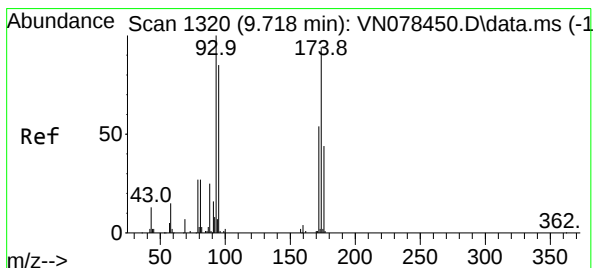
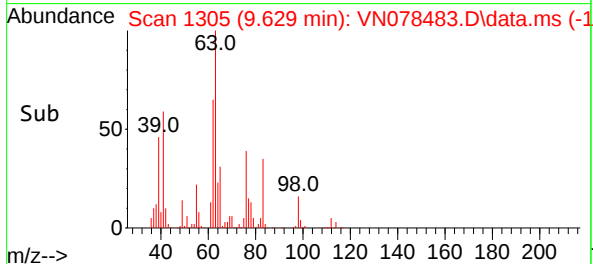
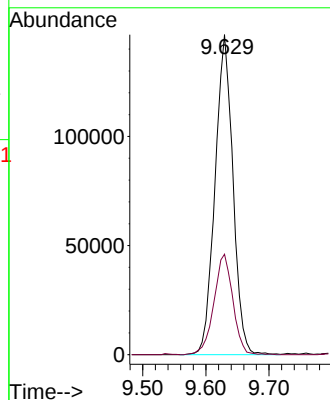
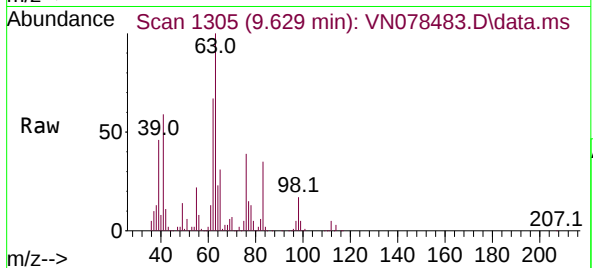
65 31.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#46

Dibromomethane

Concen: 50.306 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

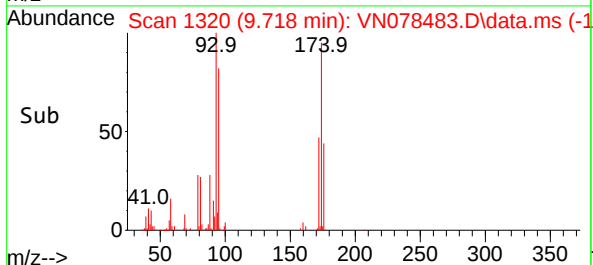
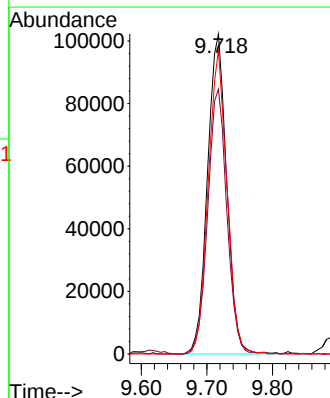
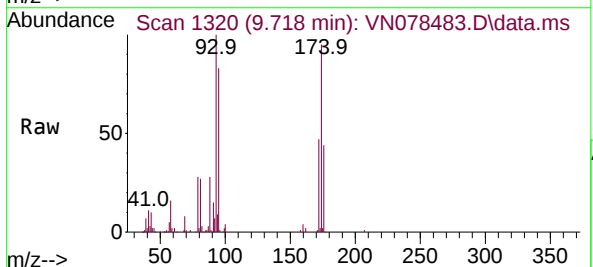
Tgt Ion: 93 Resp: 208488

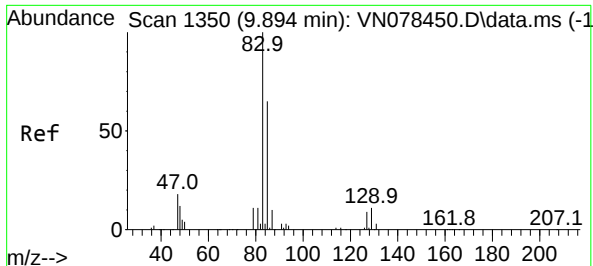
Ion Ratio Lower Upper

93 100

95 82.4 63.8 95.8

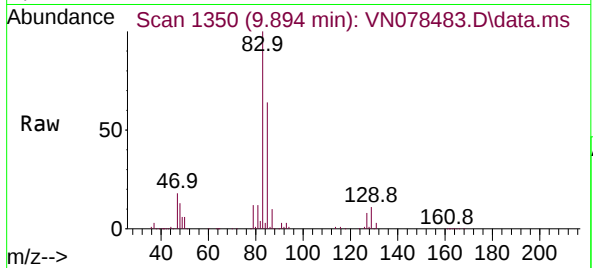
174 92.7 65.6 98.4





#47
Bromodichloromethane
Concen: 50.463 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

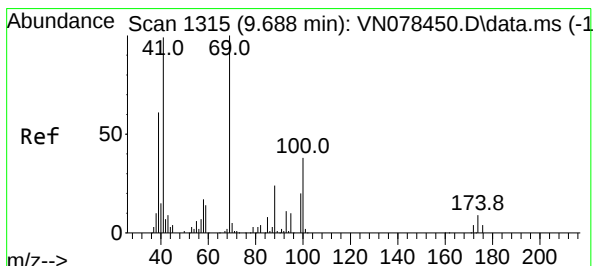
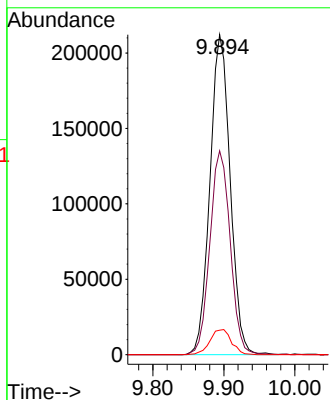
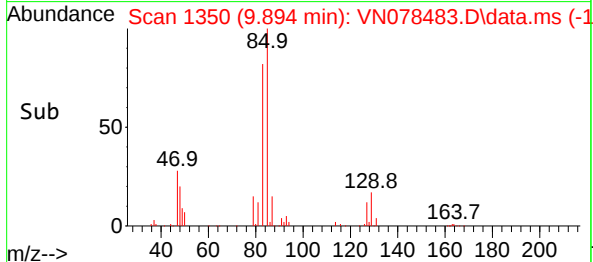
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 419235
Ion Ratio Lower Upper
83 100
85 63.7 49.6 74.4
127 7.7 7.0 10.6

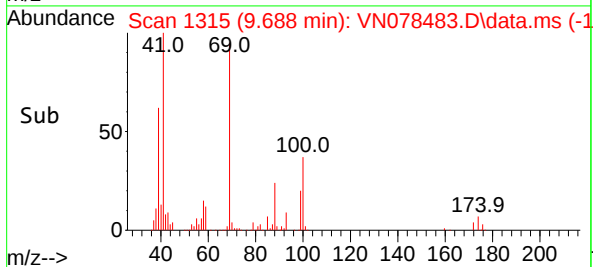
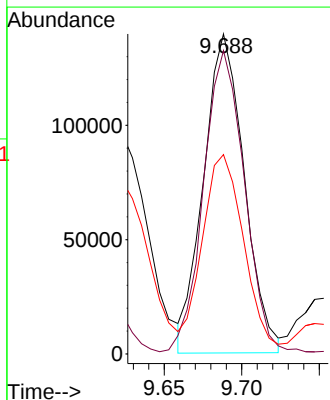
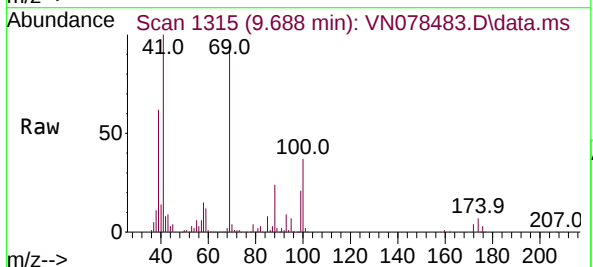
Manual Integrations
APPROVED

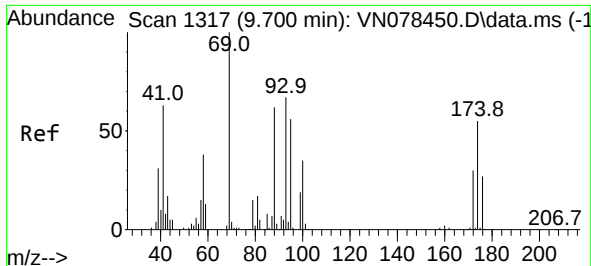
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#48
Methyl methacrylate
Concen: 50.943 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion: 41 Resp: 254195
Ion Ratio Lower Upper
41 100
69 96.9 90.4 135.6
39 64.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1033.494 ug/l

RT: 9.700 min Scan# 11246

Delta R.T. -0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 11246

Ion Ratio Lower Upper

88 100

43 29.0 17.0 25.6

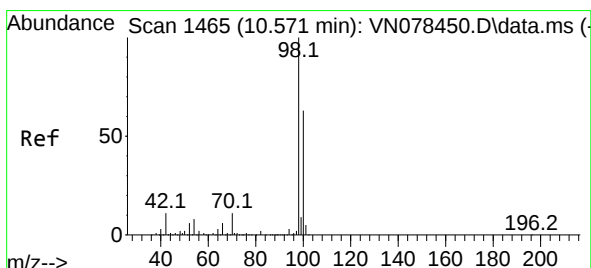
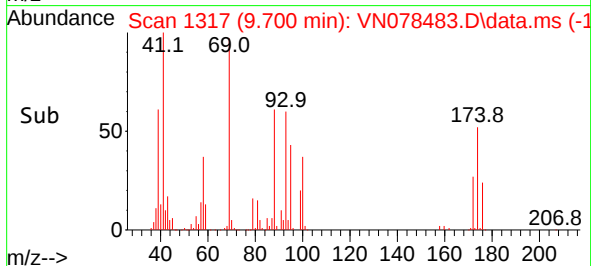
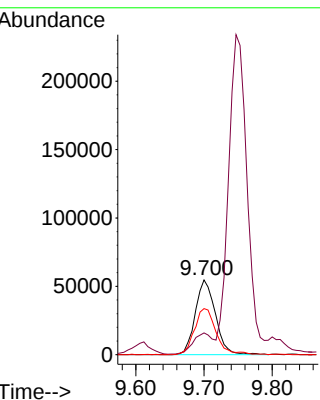
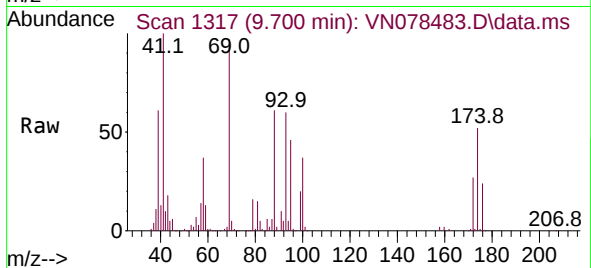
58 66.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#50

Toluene-d8

Concen: 51.511 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078483.D

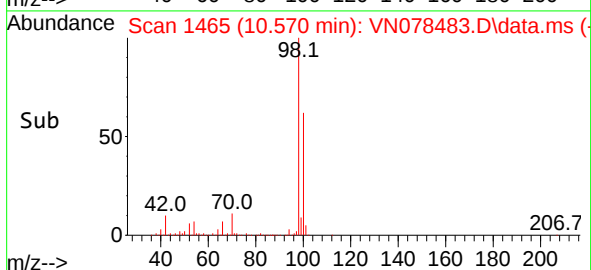
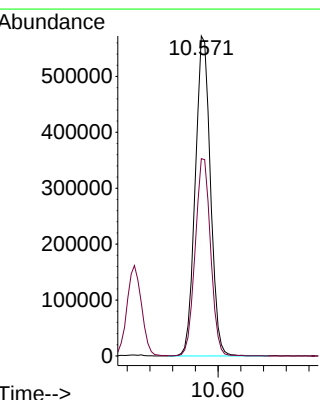
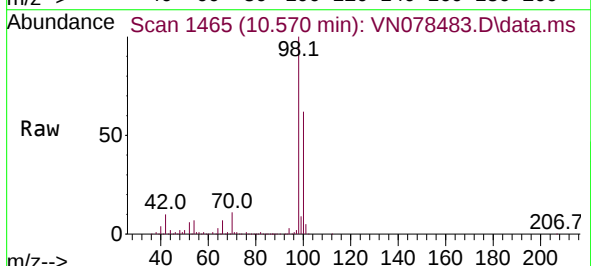
Acq: 12 Jul 2023 17:09

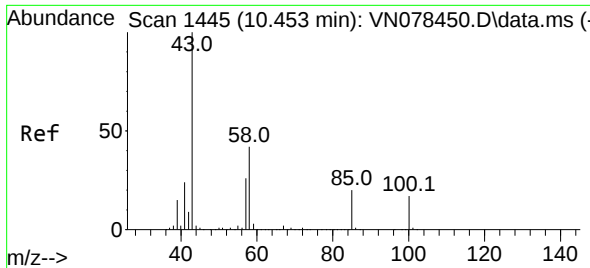
Tgt Ion: 98 Resp: 1057595

Ion Ratio Lower Upper

98 100

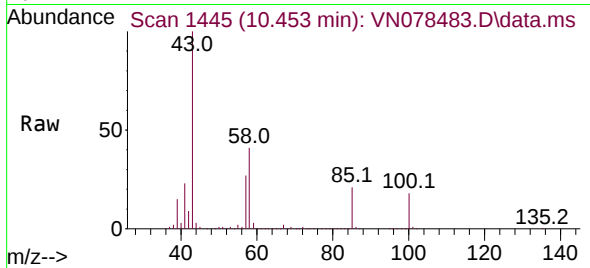
100 62.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 262.182 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

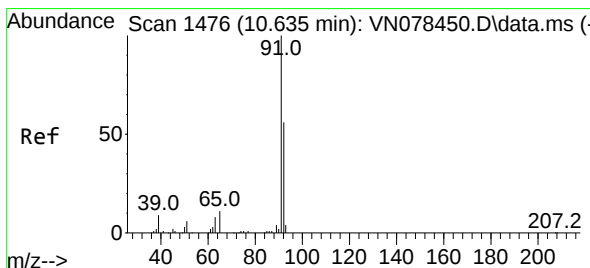
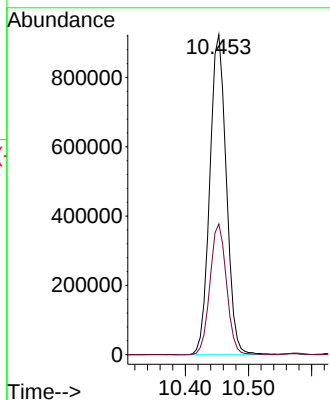
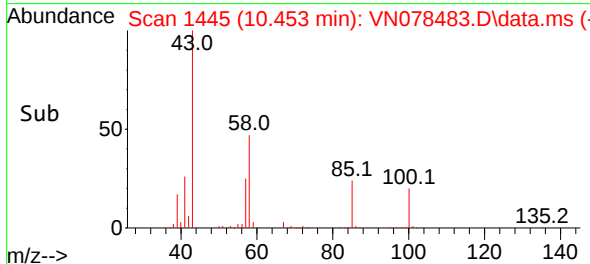
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1679628
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

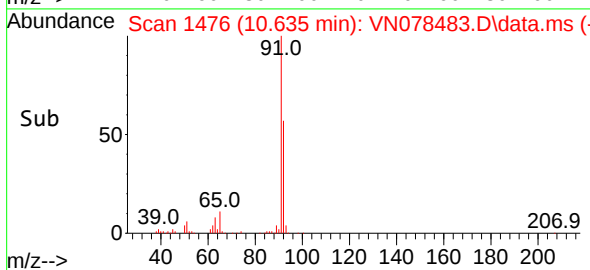
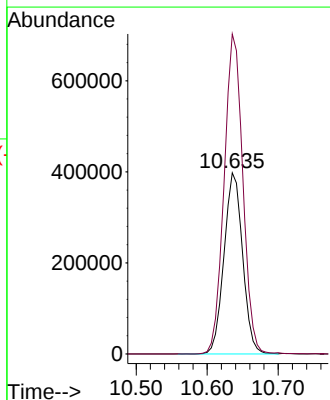
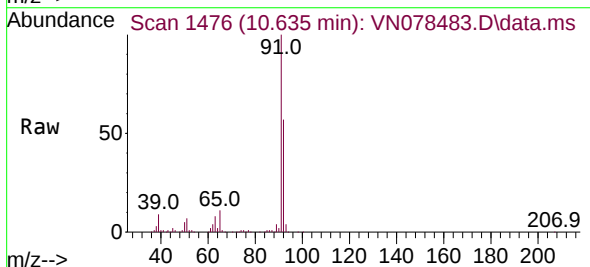
Manual Integrations
APPROVED

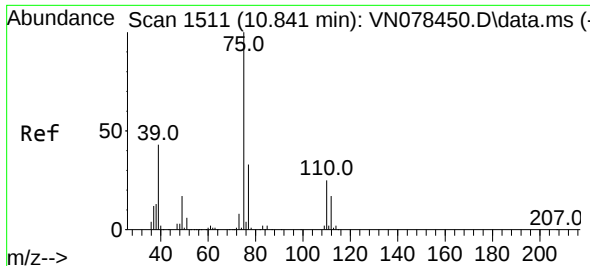
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#52
Toluene
Concen: 50.145 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

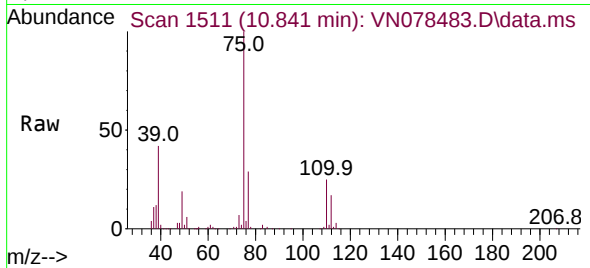
Tgt Ion: 92 Resp: 722556
Ion Ratio Lower Upper
92 100
91 178.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.617 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

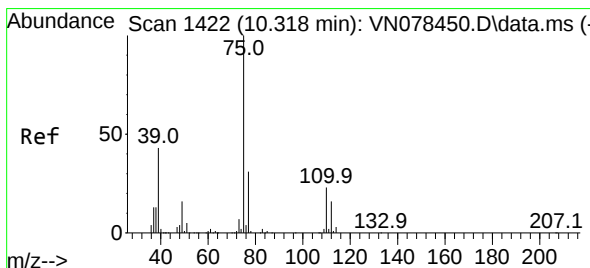
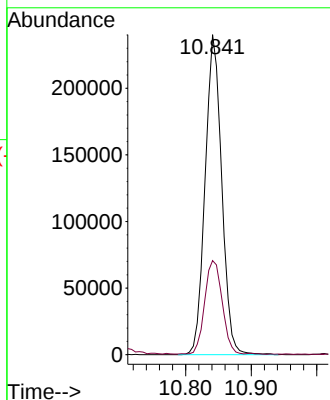
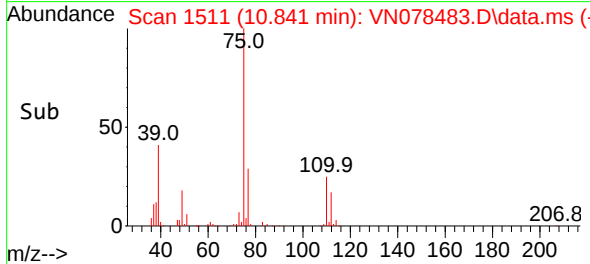
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 422289
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.0

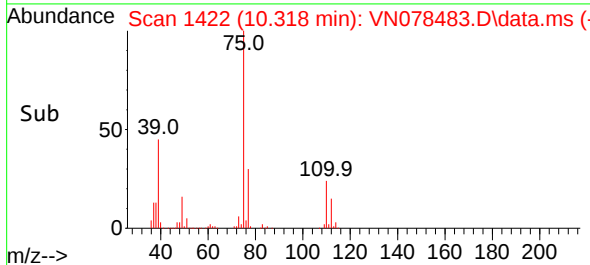
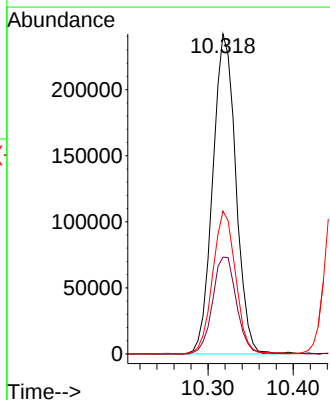
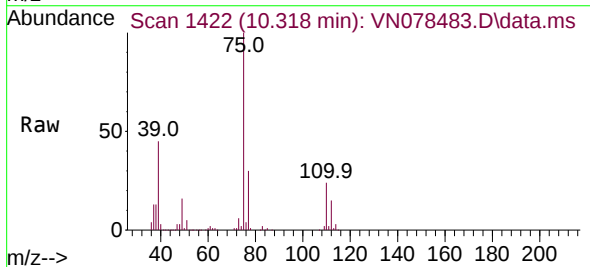
Manual Integrations
APPROVED

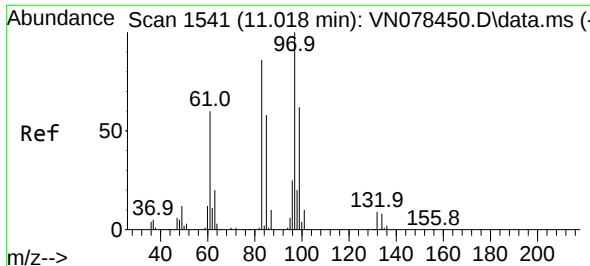
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#54
cis-1,3-Dichloropropene
Concen: 50.207 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

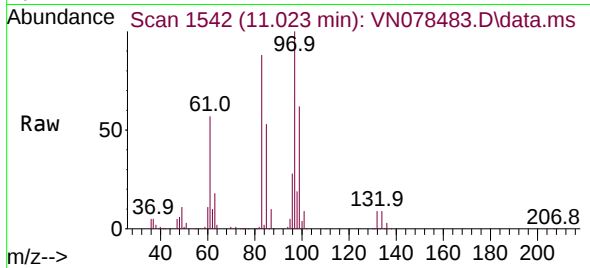
Tgt Ion: 75 Resp: 455493
Ion Ratio Lower Upper
75 100
77 30.3 26.1 39.1
39 44.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.245 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

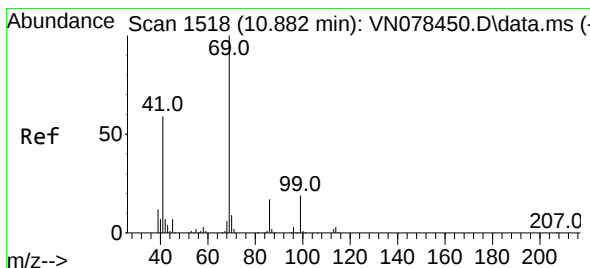
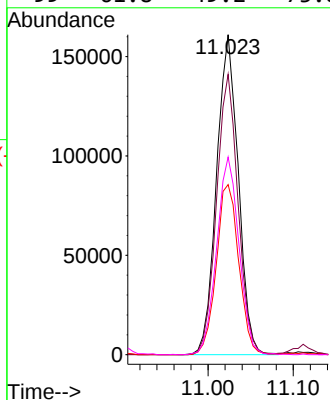
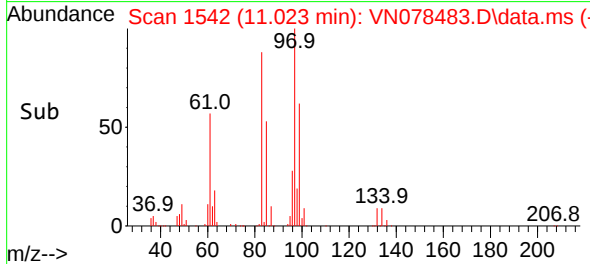
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



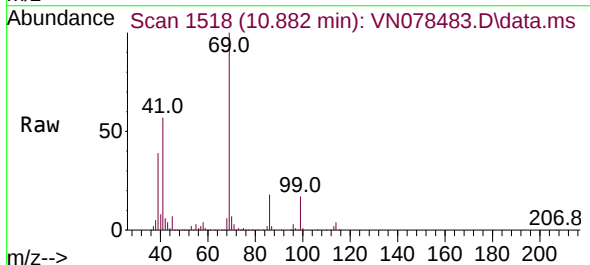
Tgt Ion: 97 Resp: 285248
Ion Ratio Lower Upper
97 100
83 87.6 65.1 97.7
85 53.1 43.4 65.2
99 61.8 49.2 73.8

Manual Integrations
APPROVED

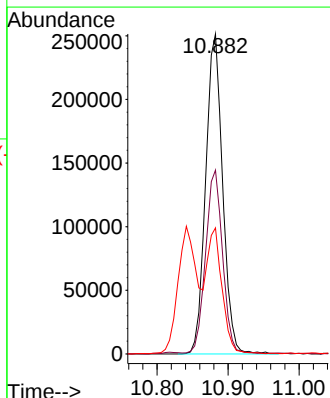
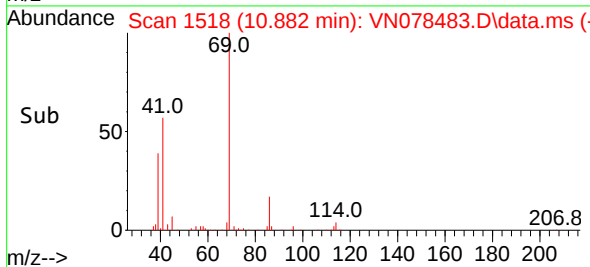
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

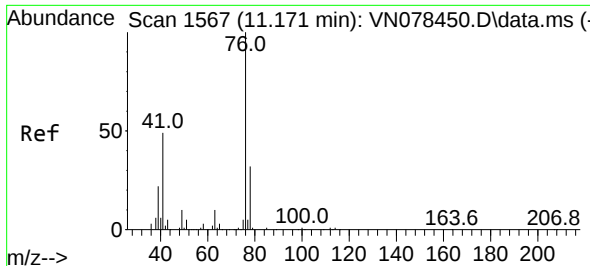


#56
Ethyl methacrylate
Concen: 52.647 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



Tgt Ion: 69 Resp: 417809
Ion Ratio Lower Upper
69 100
41 57.3 39.6 59.4
39 34.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.241 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 47532

Ion Ratio Lower Upper

76 100

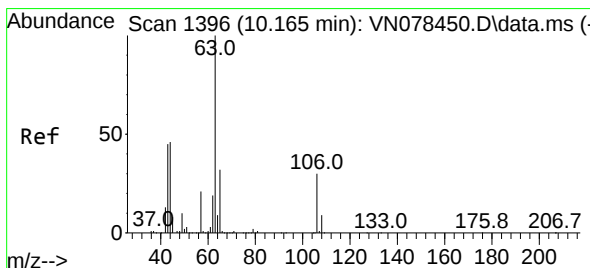
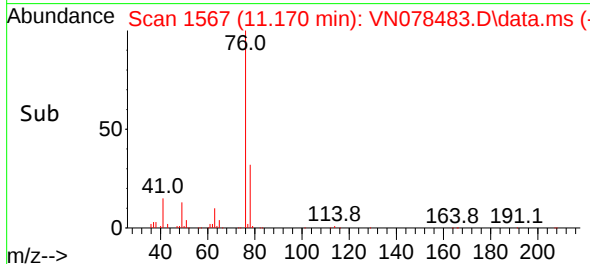
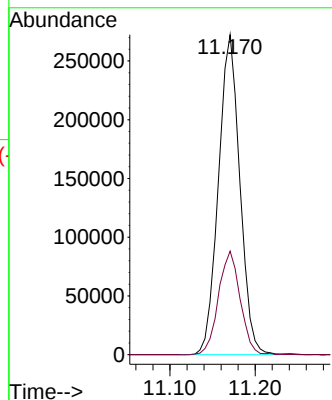
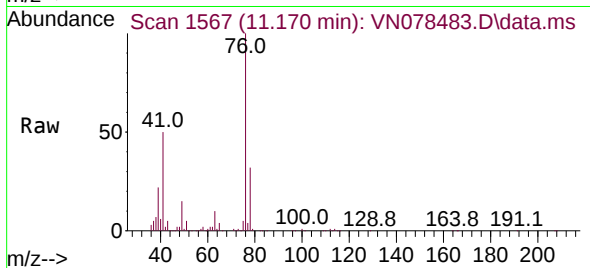
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 278.170 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078483.D

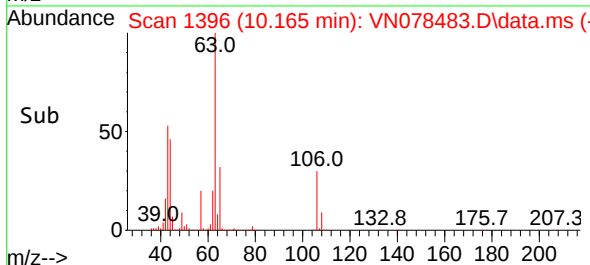
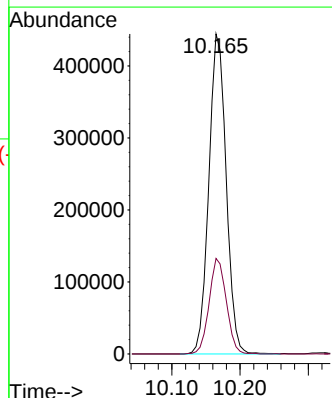
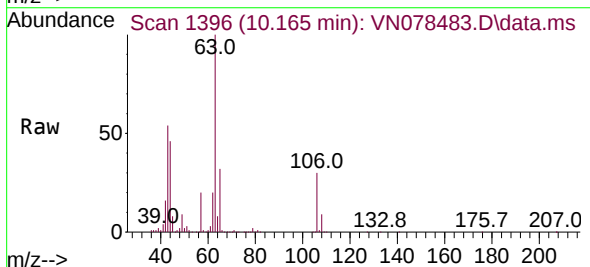
Acq: 12 Jul 2023 17:09

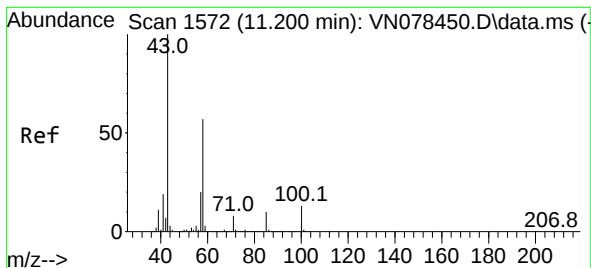
Tgt Ion: 63 Resp: 786718

Ion Ratio Lower Upper

63 100

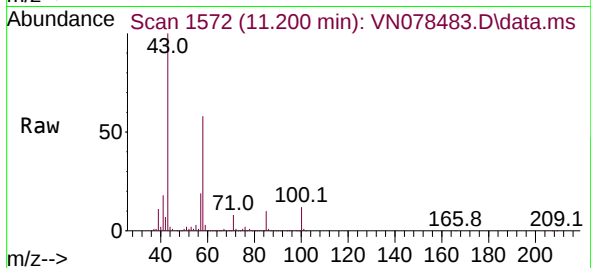
106 29.6 26.2 39.4





#59
2-Hexanone
Concen: 264.923 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

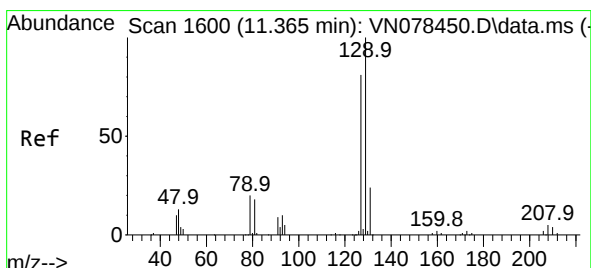
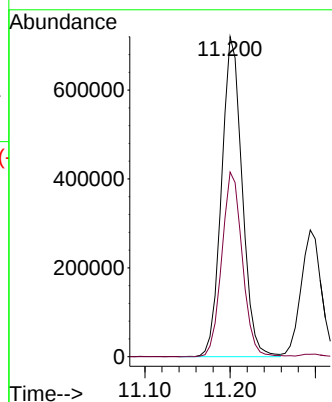
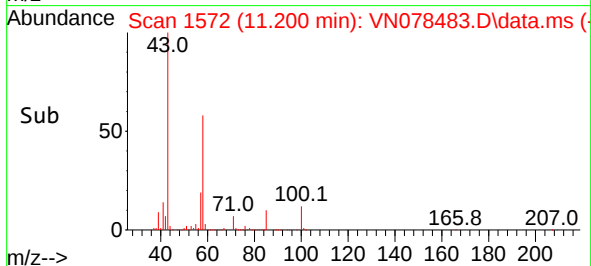
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 120621
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1

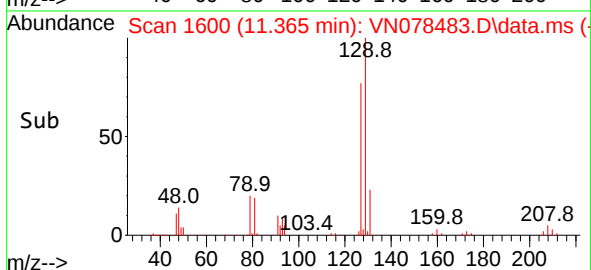
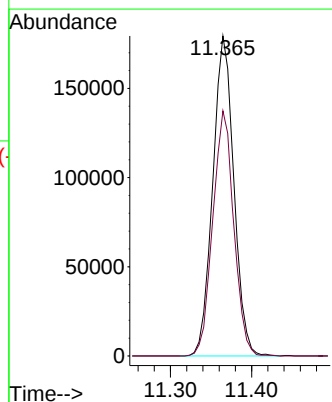
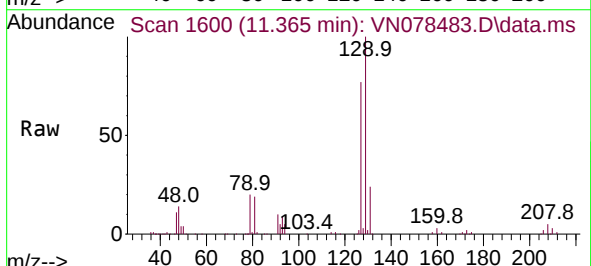
Manual Integrations
APPROVED

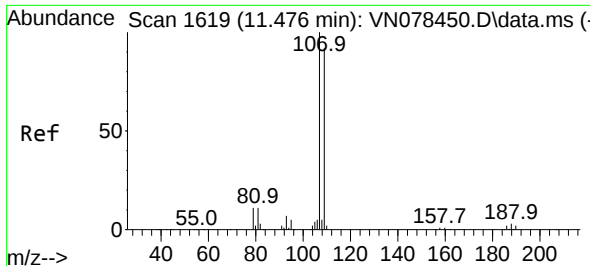
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#60
Dibromochloromethane
Concen: 51.591 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

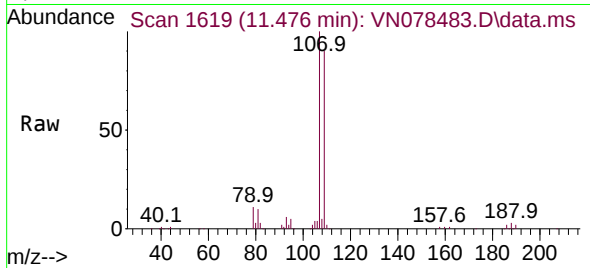
Tgt Ion:129 Resp: 323348
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.347 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

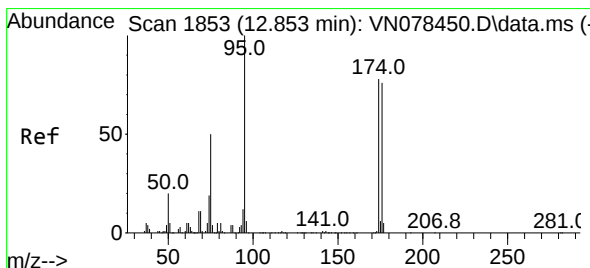
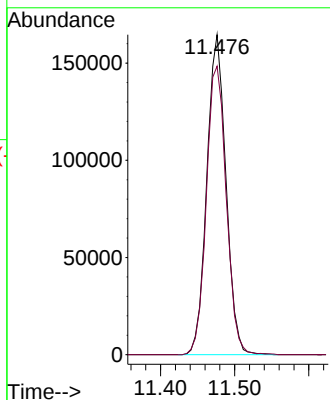
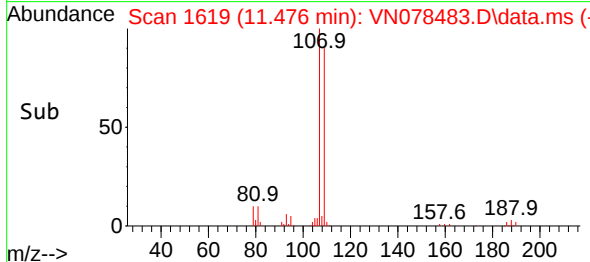
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



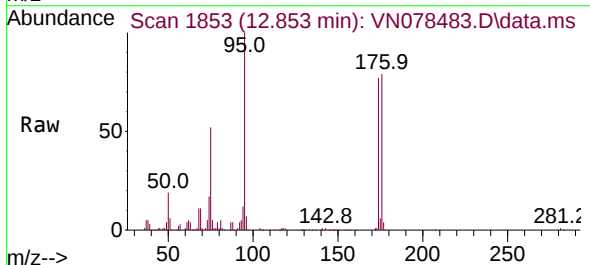
Tgt Ion:107 Resp: 294440
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

Manual Integrations
APPROVED

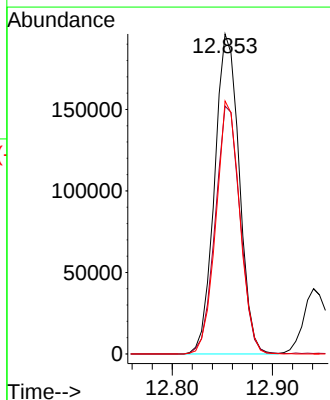
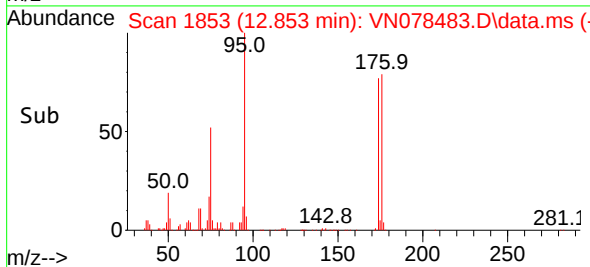
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

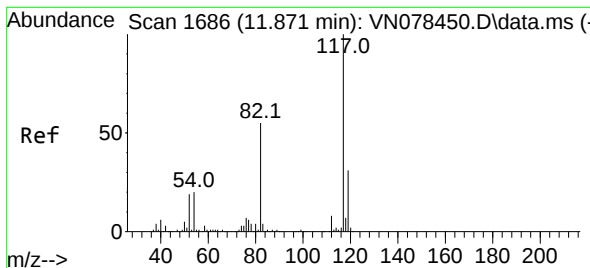


#62
4-Bromofluorobenzene
Concen: 52.957 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



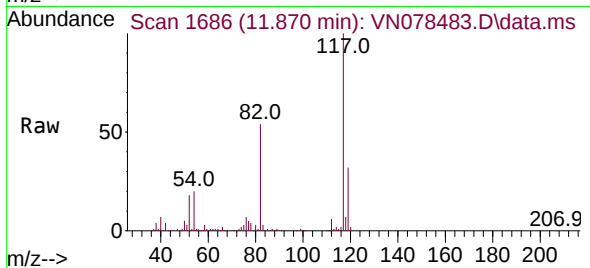
Tgt Ion: 95 Resp: 334911
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 76.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

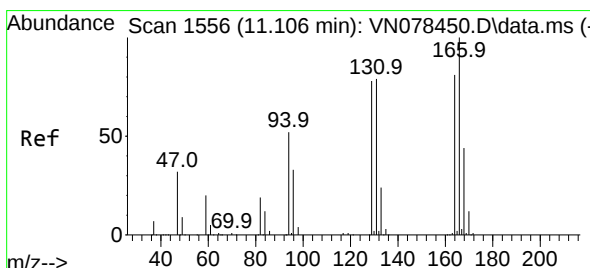
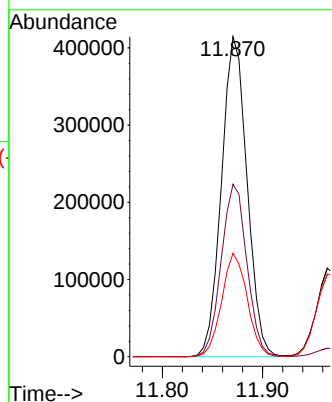
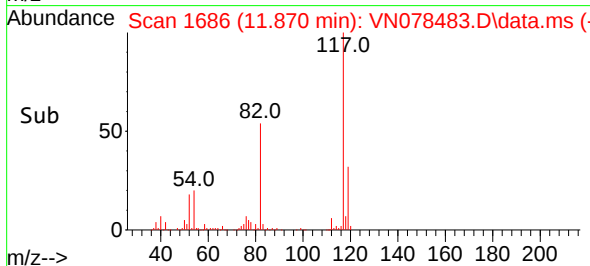
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 734970
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.3 25.6 38.4

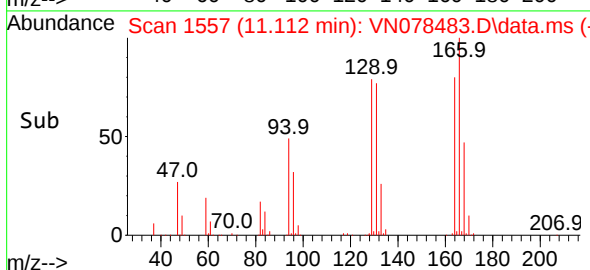
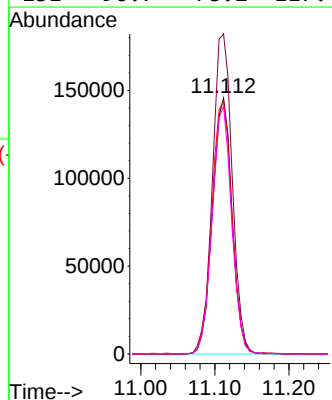
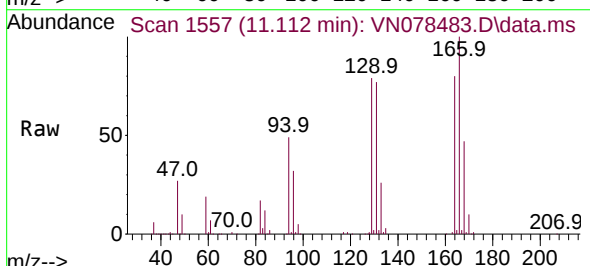
Manual Integrations
APPROVED

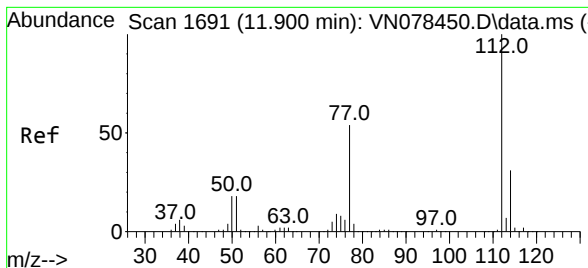
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#64
Tetrachloroethene
Concen: 48.378 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

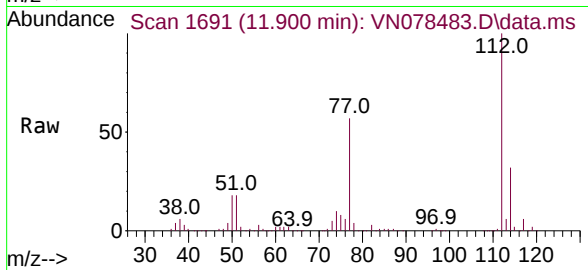
Tgt Ion:164 Resp: 267325
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.0
129 98.8 82.4 123.6
131 96.7 78.2 117.4





#65
Chlorobenzene
Concen: 46.886 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

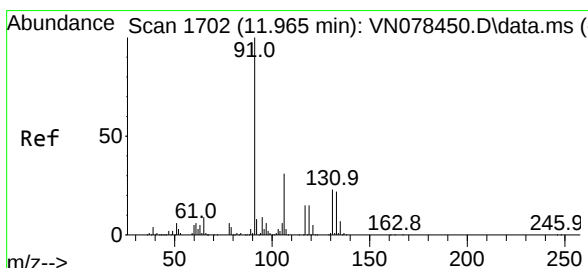
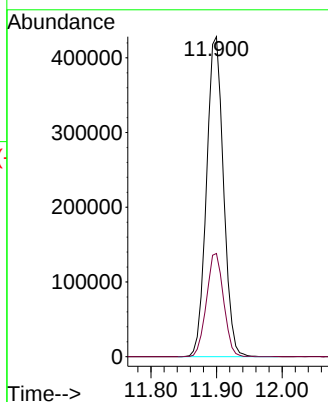
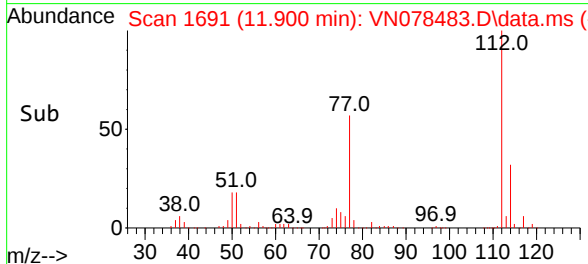
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



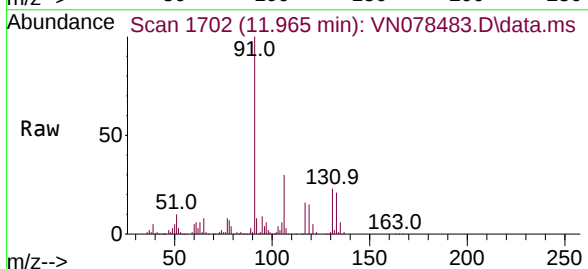
Tgt Ion:112 Resp: 77025
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

Manual Integrations
APPROVED

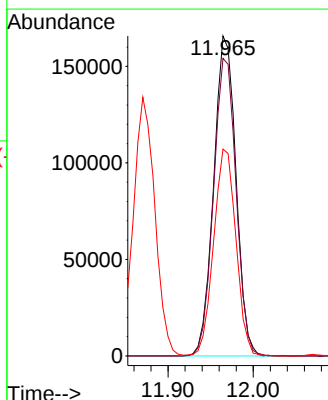
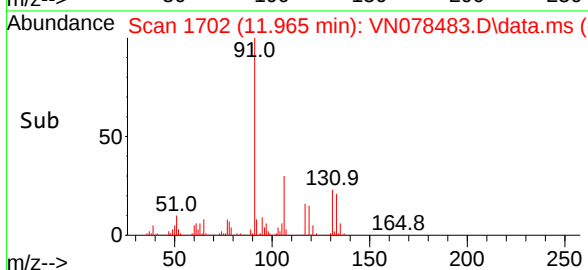
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

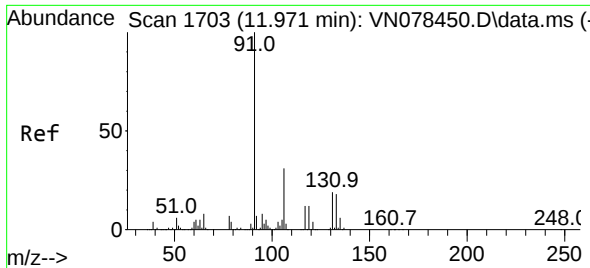


#66
1,1,1,2-Tetrachloroethane
Concen: 47.579 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



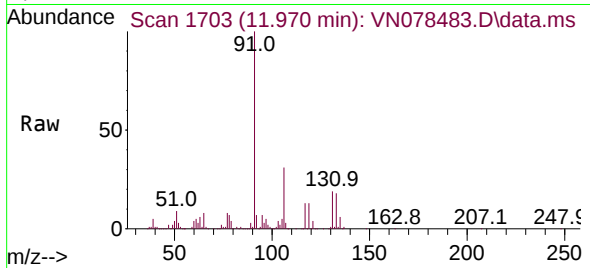
Tgt Ion:131 Resp: 300699
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 49.803 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

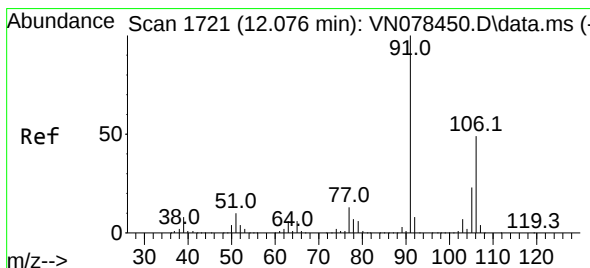
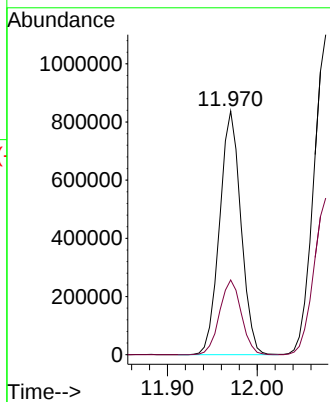
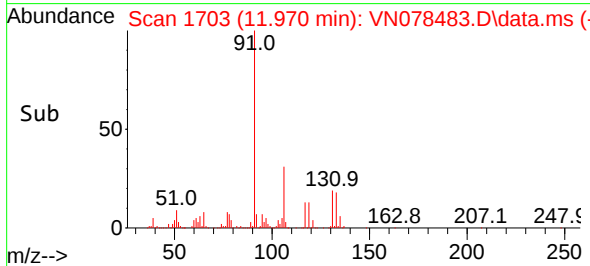
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



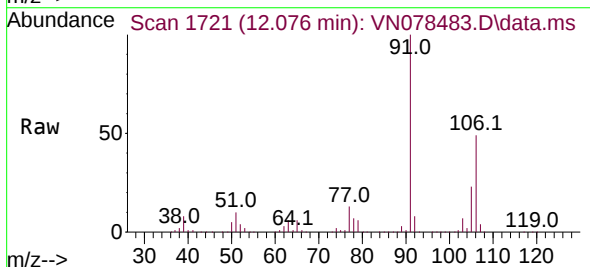
Tgt Ion: 91 Resp: 138300
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

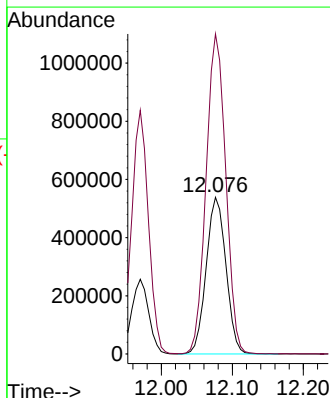
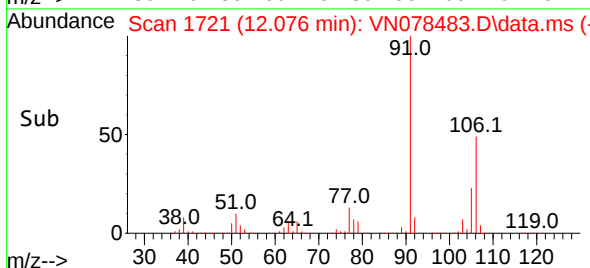
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

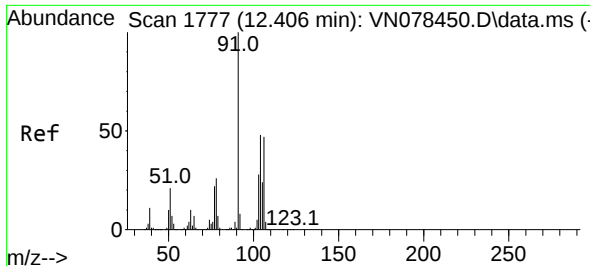


#68
m/p-Xylenes
Concen: 101.403 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



Tgt Ion:106 Resp: 1041129
Ion Ratio Lower Upper
106 100
91 203.1 159.6 239.4





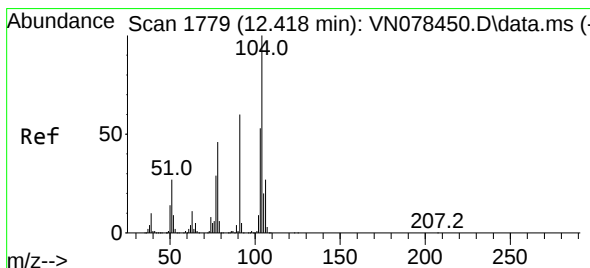
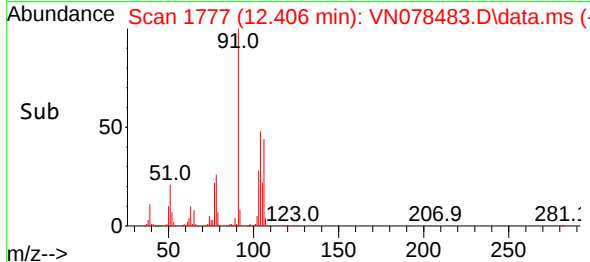
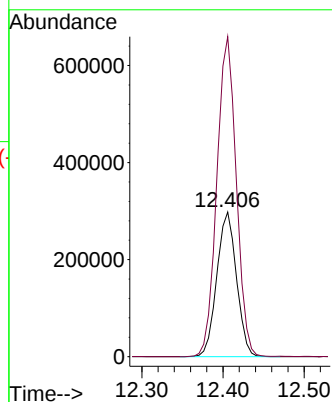
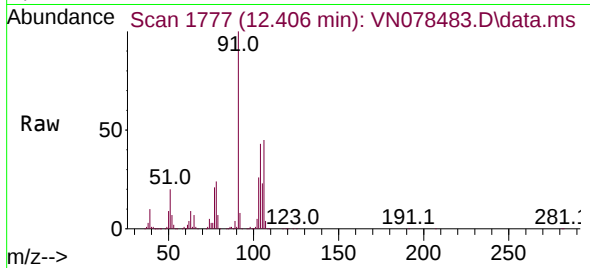
#69
o-Xylene
Concen: 48.383 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 501749
Ion Ratio Lower Upper
106 100
91 219.1 105.2 315.5

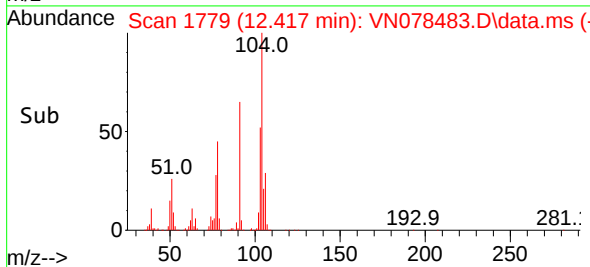
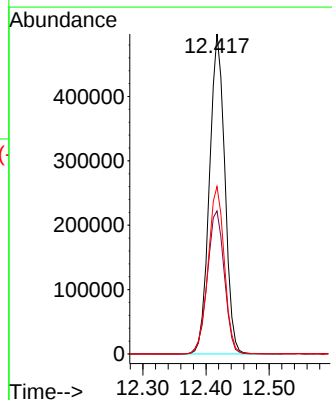
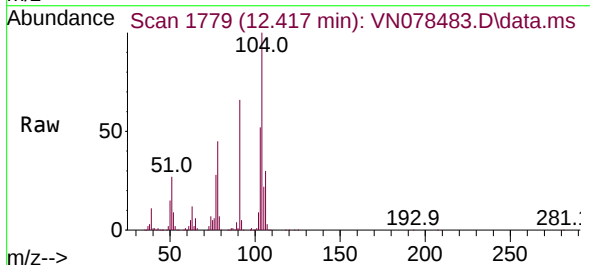
Manual Integrations
APPROVED

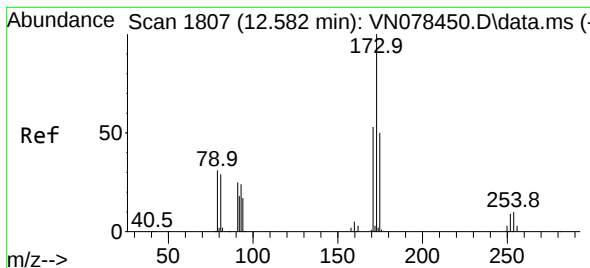
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#70
Styrene
Concen: 51.781 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Tgt Ion:104 Resp: 840104
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 50.207 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 214900

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

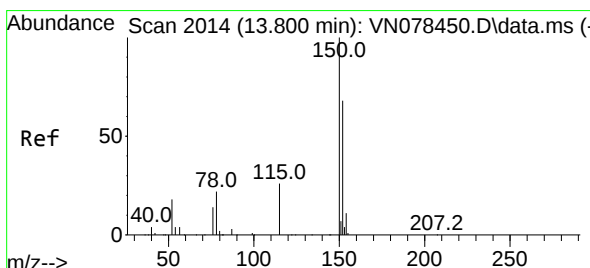
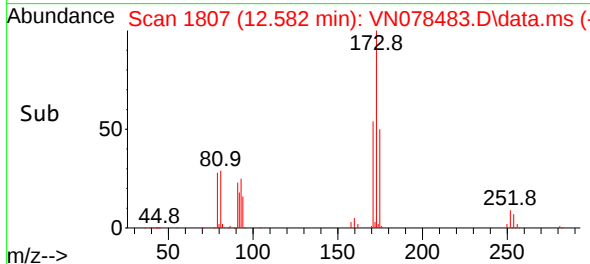
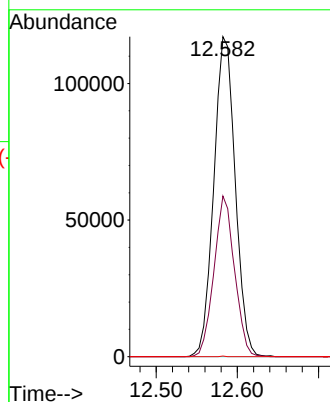
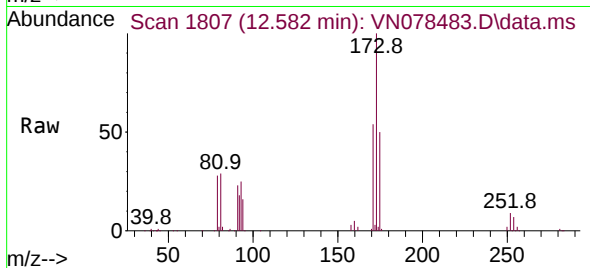
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

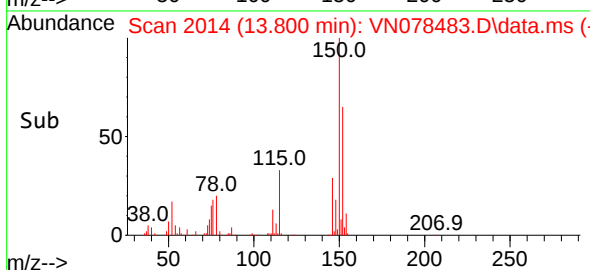
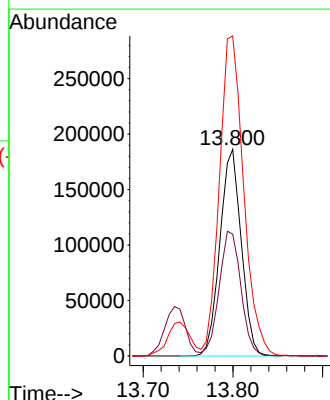
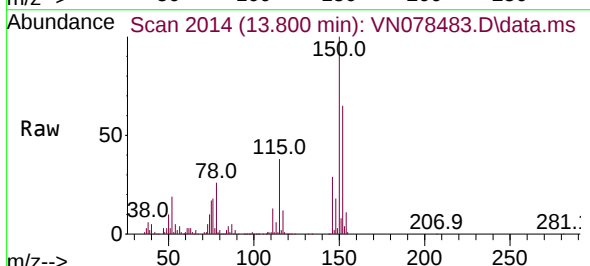
Tgt Ion:152 Resp: 307794

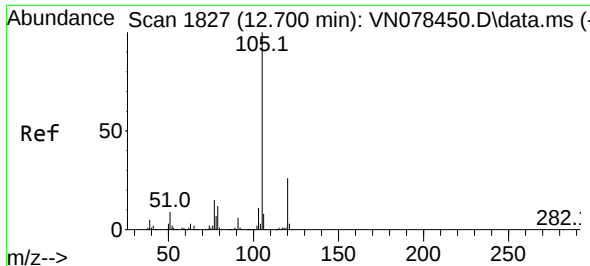
Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

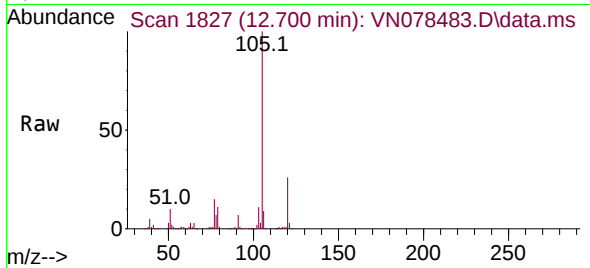
150 175.5 0.0 355.8





#73
Isopropylbenzene
Concen: 43.885 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

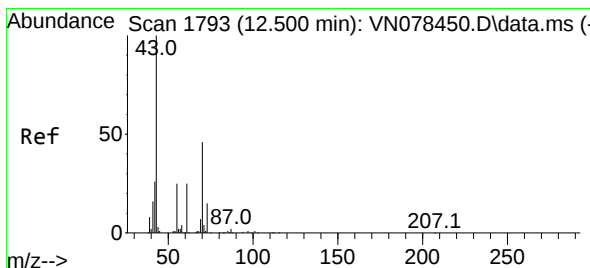
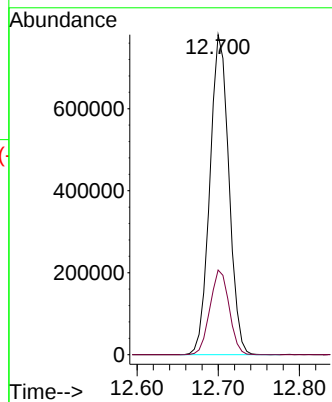
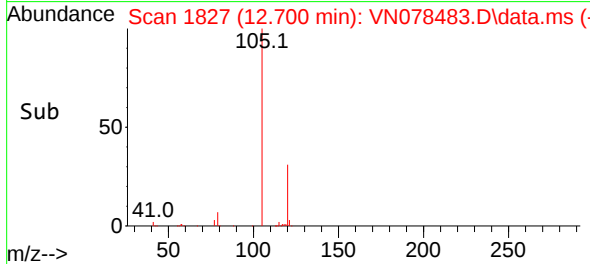
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 126923
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

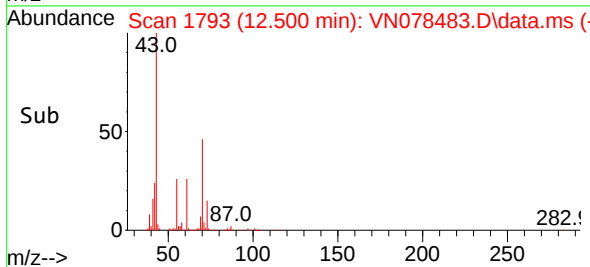
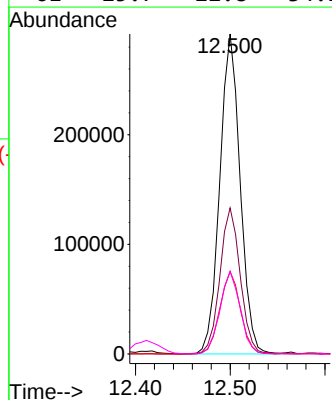
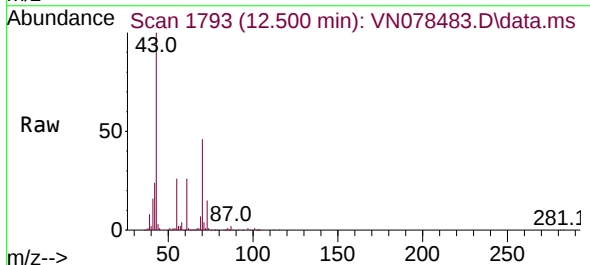
Manual Integrations
APPROVED

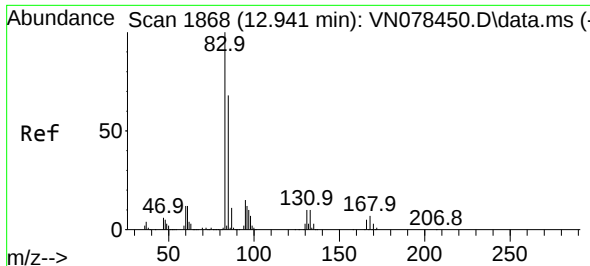
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#74
N-ethyl acetate
Concen: 43.826 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

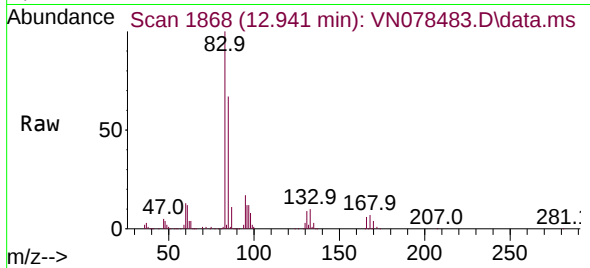
Tgt Ion: 43 Resp: 436809
Ion Ratio Lower Upper
43 100
70 45.5 43.4 65.2
55 26.1 21.4 32.0
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.254 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

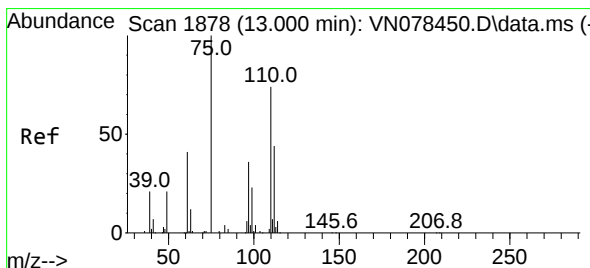
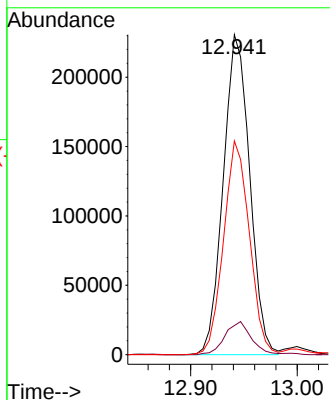
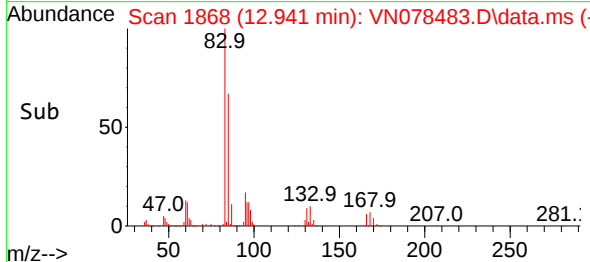
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



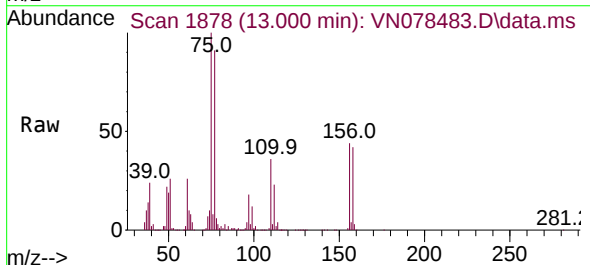
Tgt Ion: 83 Resp: 398240
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.4 31.9 95.7

Manual Integrations
APPROVED

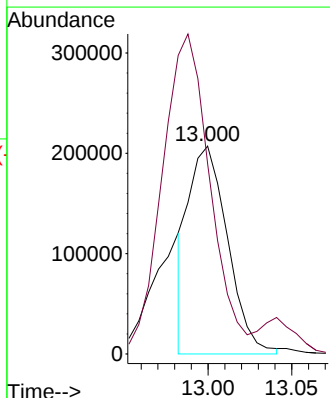
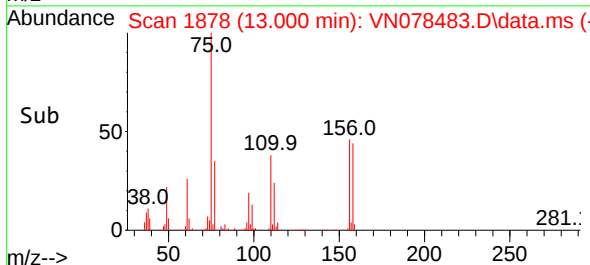
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

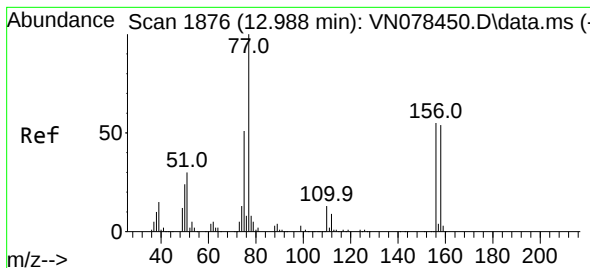


#76
1,2,3-Trichloropropane
Concen: 45.088 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



Tgt Ion: 75 Resp: 335445
Ion Ratio Lower Upper
75 100
77 188.9 84.5 253.5





#77

Bromobenzene

Concen: 48.874 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 307609

Ion Ratio Lower Upper

156 100

77 206.0 107.7 323.3

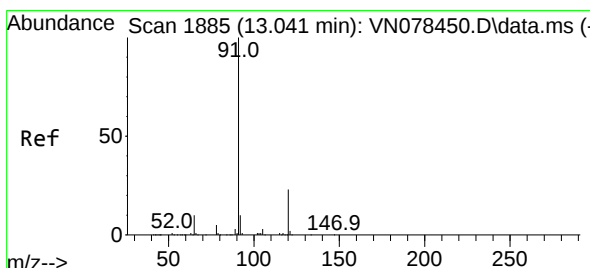
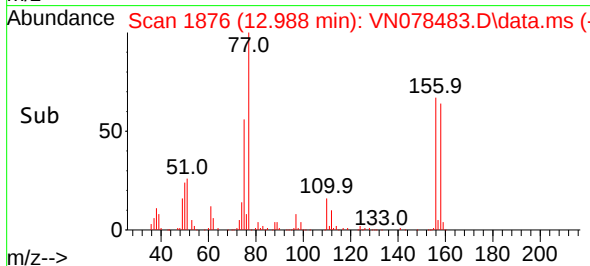
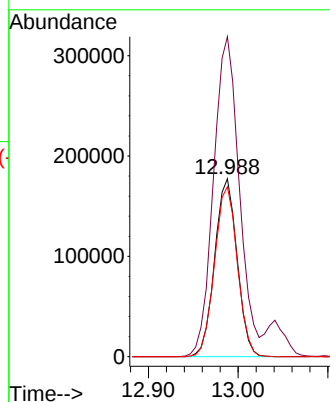
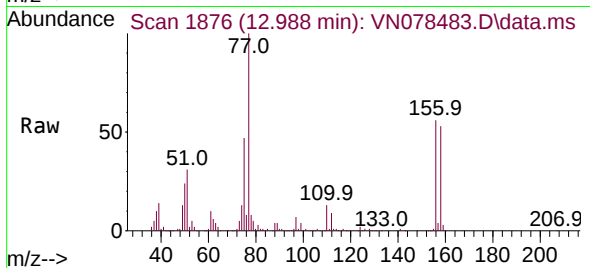
158 97.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#78

n-propylbenzene

Concen: 46.566 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078483.D

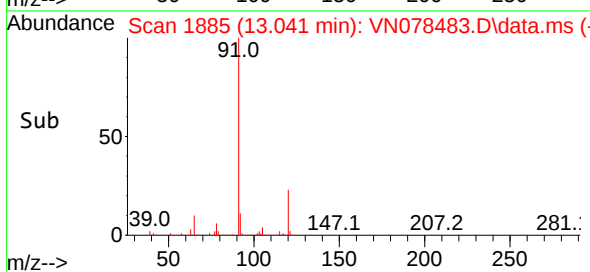
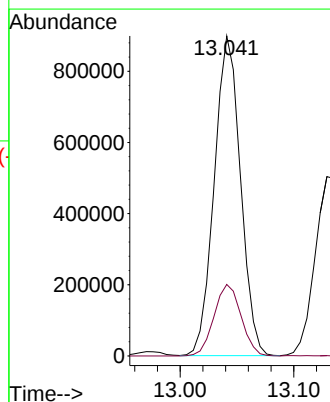
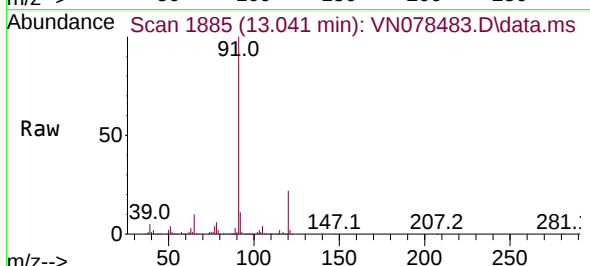
Acq: 12 Jul 2023 17:09

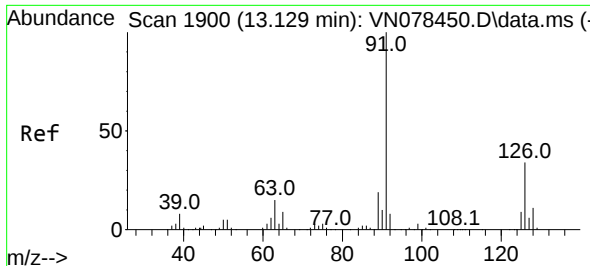
Tgt Ion: 91 Resp: 1440276

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





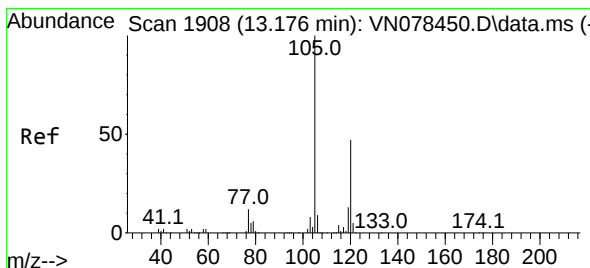
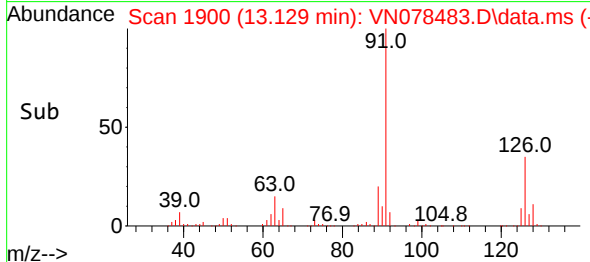
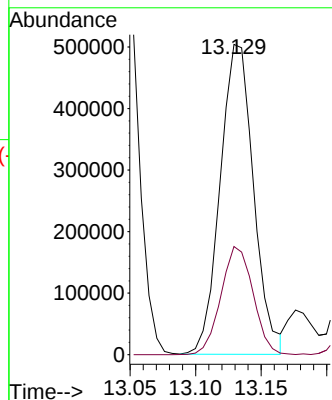
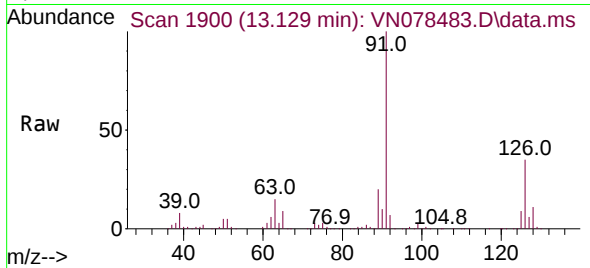
#79
2-Chlorotoluene
Concen: 44.081 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 893059
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

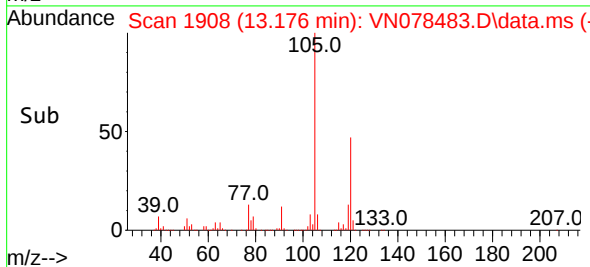
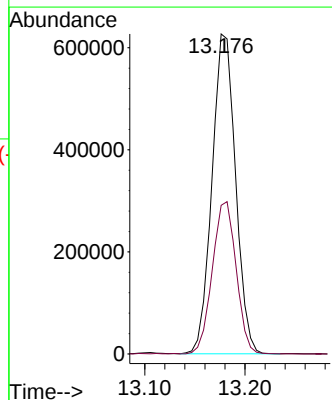
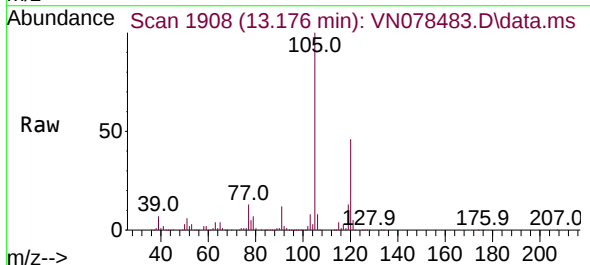
Manual Integrations
APPROVED

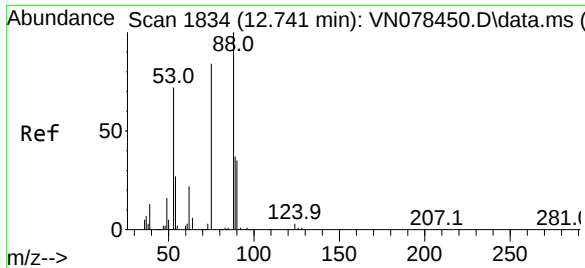
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.829 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

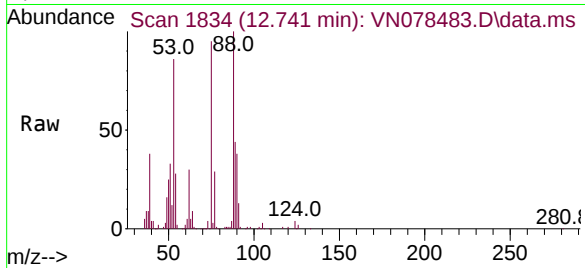
Tgt Ion:105 Resp: 1024428
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.242 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

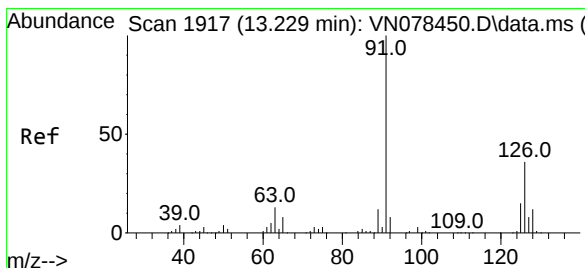
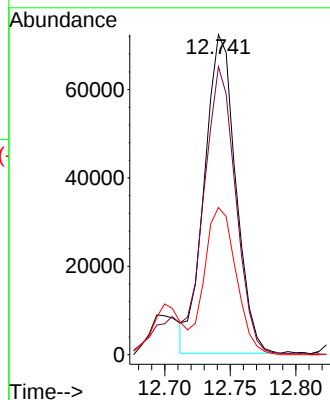
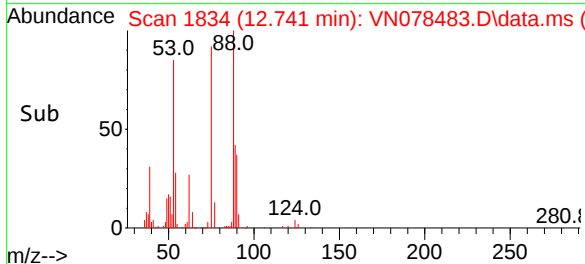
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 11959
Ion Ratio Lower Upper
75 100
53 103.5 67.4 101.2
89 46.7 38.8 58.2

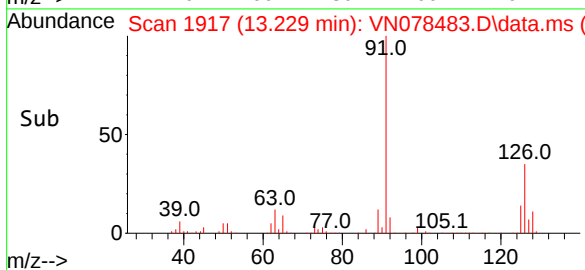
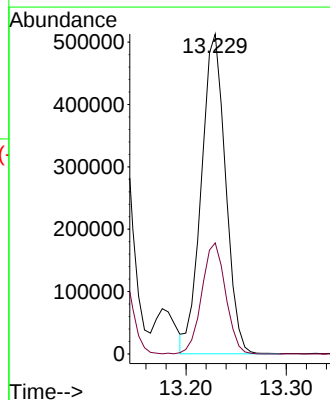
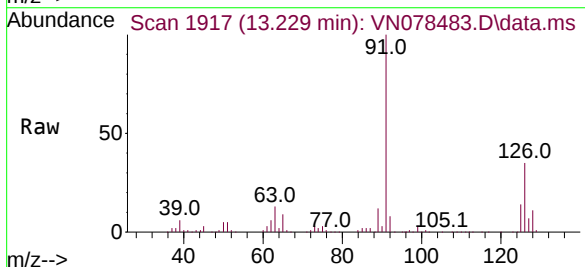
Manual Integrations
APPROVED

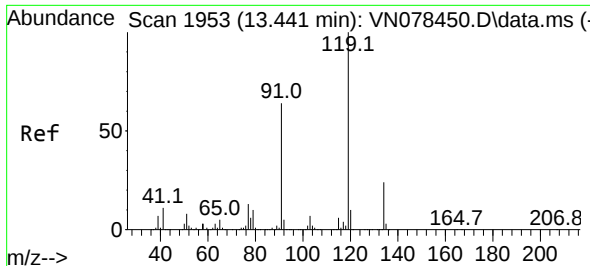
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#82
4-Chlorotoluene
Concen: 45.461 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

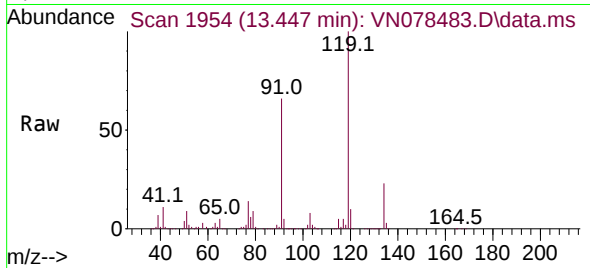
Tgt Ion: 91 Resp: 859201
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.419 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

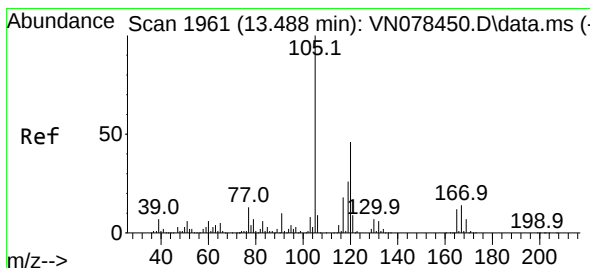
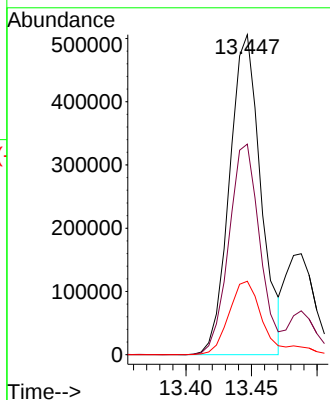
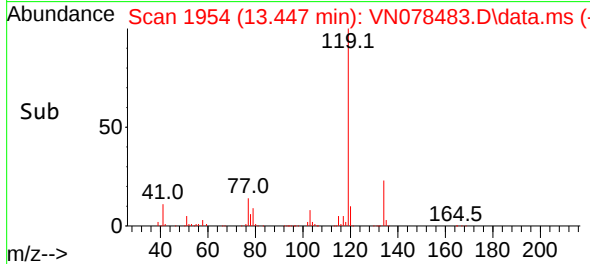
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



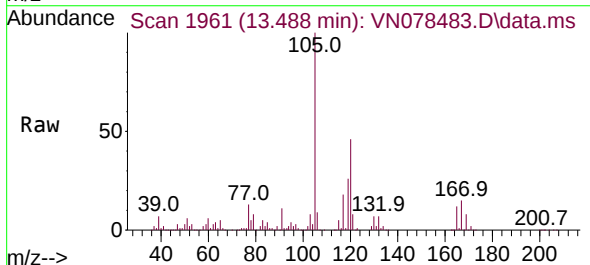
Tgt Ion:119 Resp: 842378
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 25.6 13.2 39.6

Manual Integrations
APPROVED

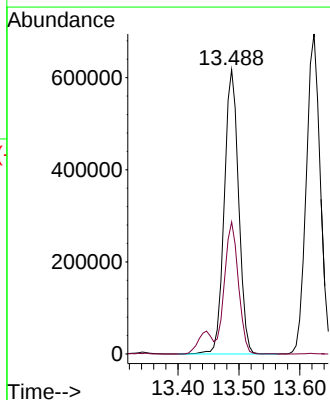
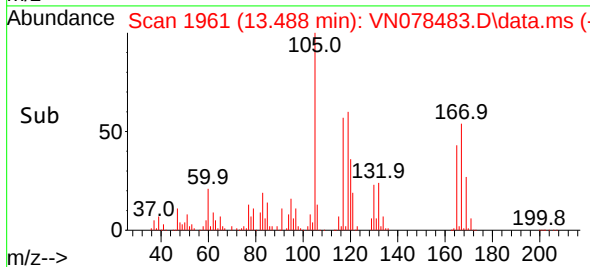
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

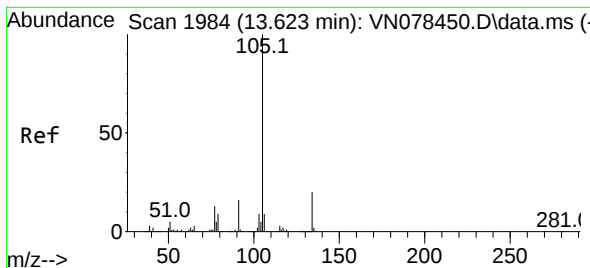


#84
1,2,4-Trimethylbenzene
Concen: 45.486 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



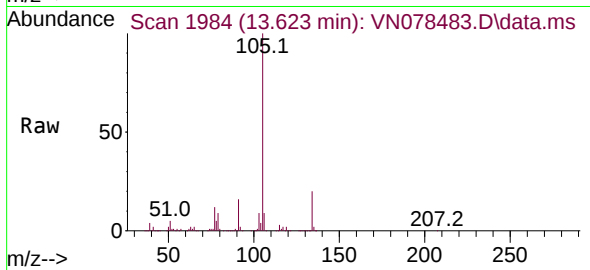
Tgt Ion:105 Resp: 1009630
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.178 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:09

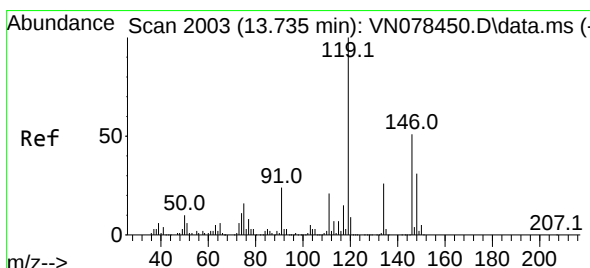
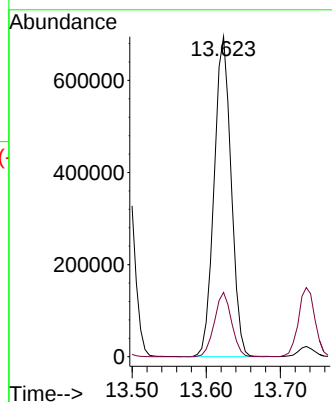
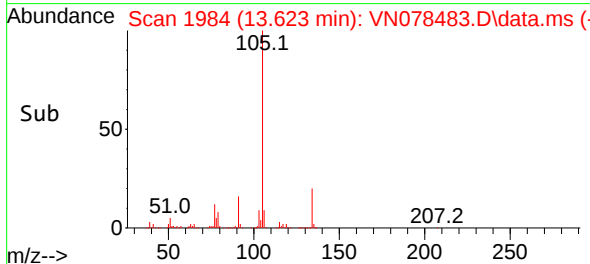
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



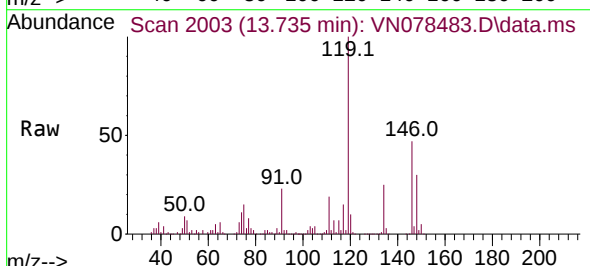
Tgt Ion:105 Resp: 1107899
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

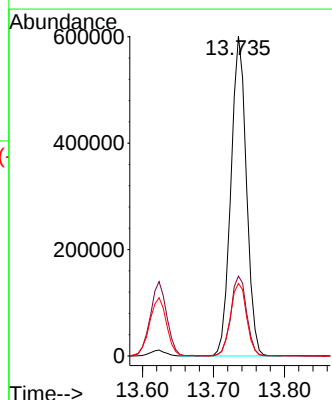
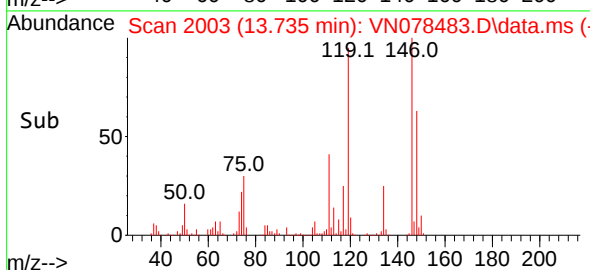
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023

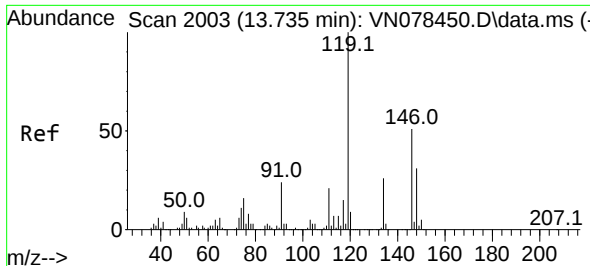


#86
 p-Isopropyltoluene
 Concen: 46.281 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:09



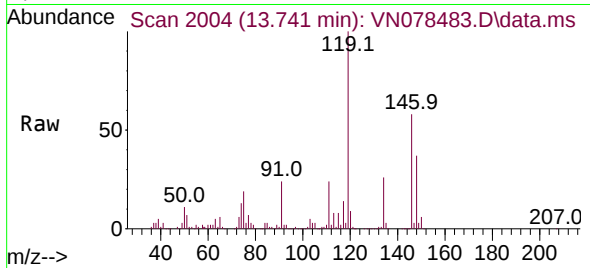
Tgt Ion:119 Resp: 911325
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 23.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.662 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

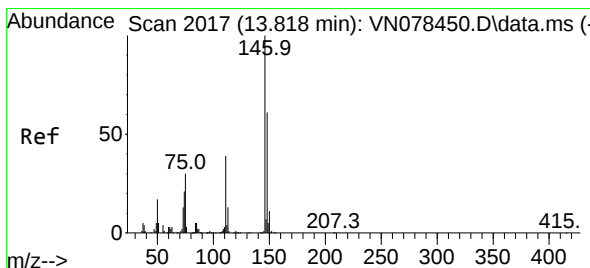
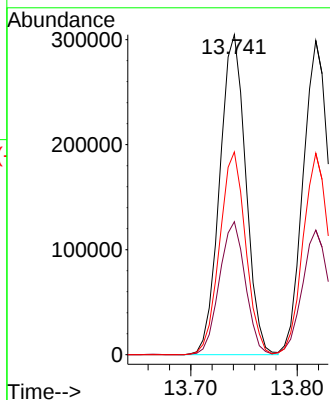
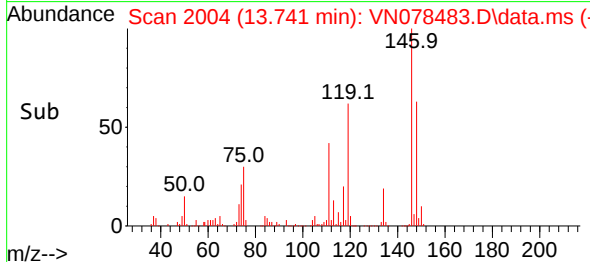
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 518084
Ion Ratio Lower Upper
146 100
111 41.3 22.1 66.3
148 63.1 32.0 96.0

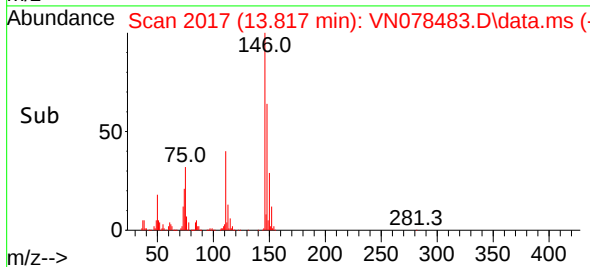
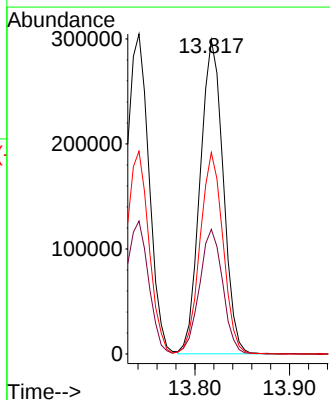
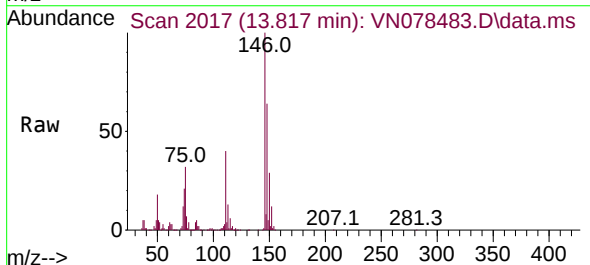
Manual Integrations
APPROVED

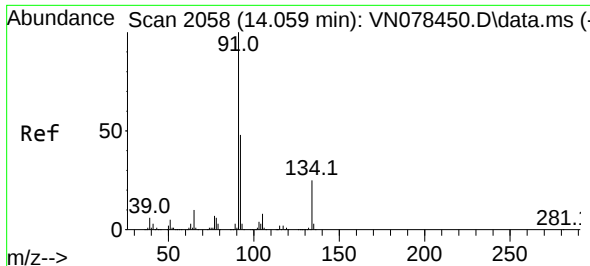
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#88
1,4-Dichlorobenzene
Concen: 45.253 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

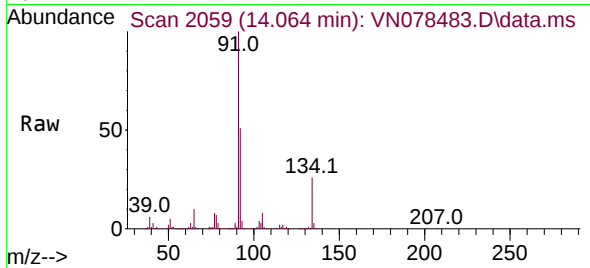
Tgt Ion:146 Resp: 506083
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 63.9 31.6 94.8





#89
n-Butylbenzene
Concen: 46.650 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.005 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

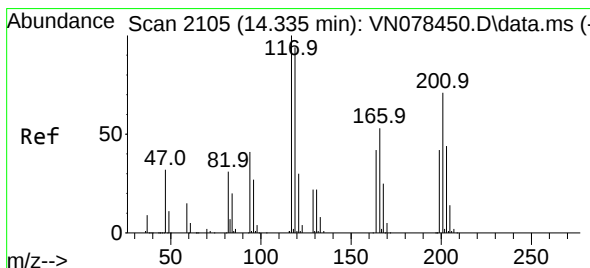
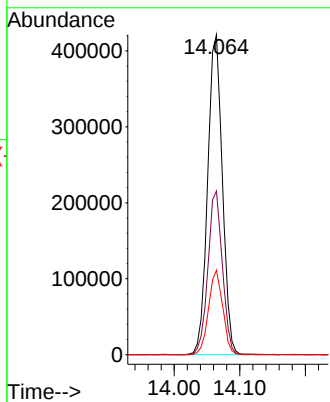
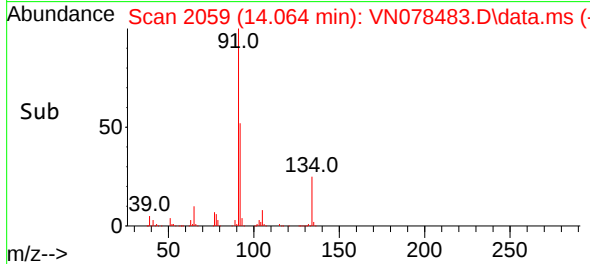
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 657260
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 25.4 12.6 37.6

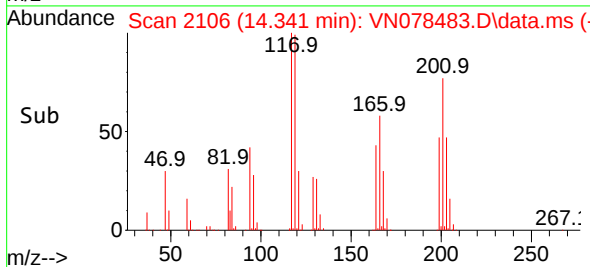
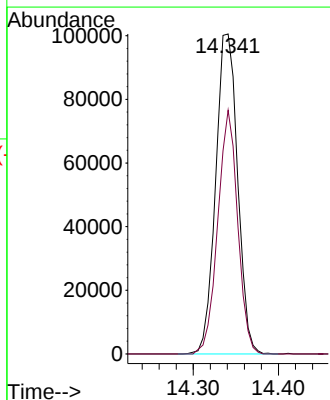
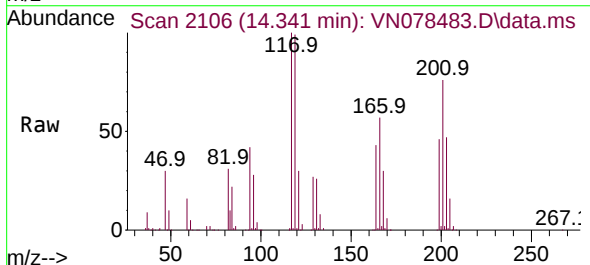
Manual Integrations
APPROVED

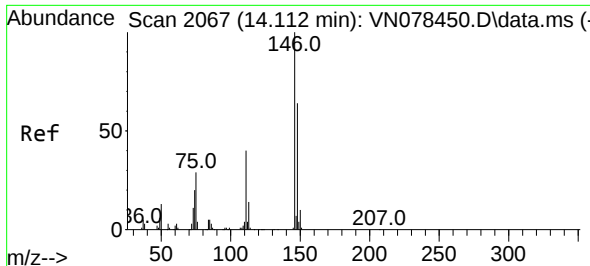
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#90
Hexachloroethane
Concen: 49.717 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

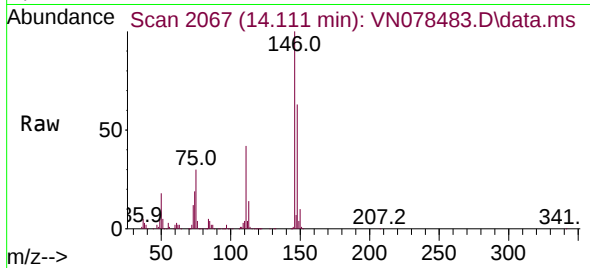
Tgt Ion:117 Resp: 179954
Ion Ratio Lower Upper
117 100
201 68.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 45.828 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

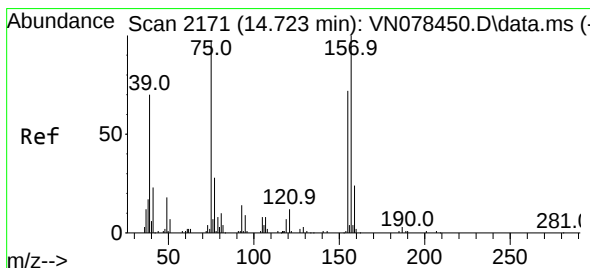
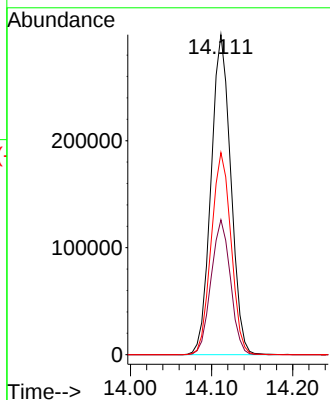
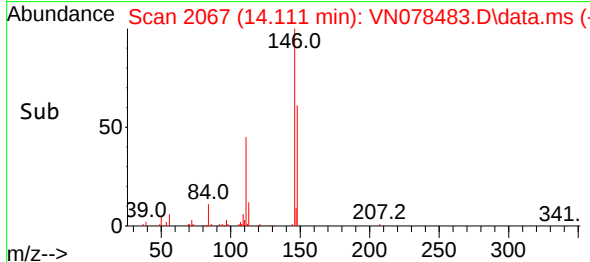
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 506368
Ion Ratio Lower Upper
146 100
111 41.3 22.0 66.0
148 63.3 31.8 95.3

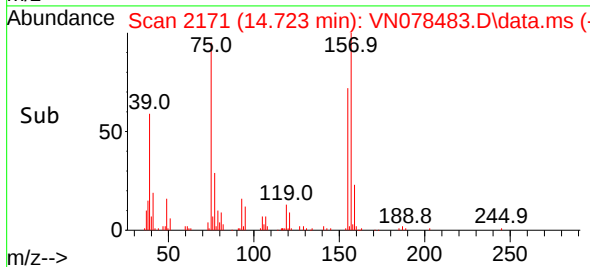
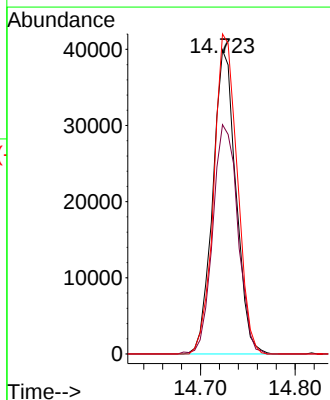
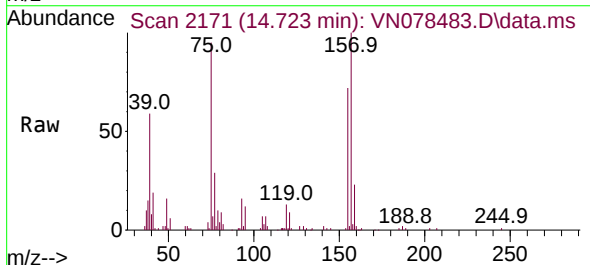
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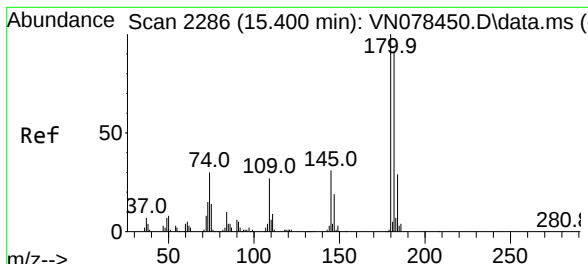
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.916 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

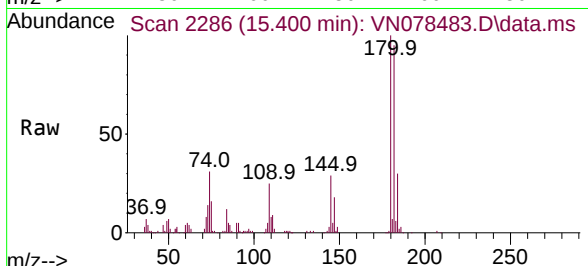
Tgt Ion: 75 Resp: 67786
Ion Ratio Lower Upper
75 100
155 81.5 39.1 117.2
157 106.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 46.726 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

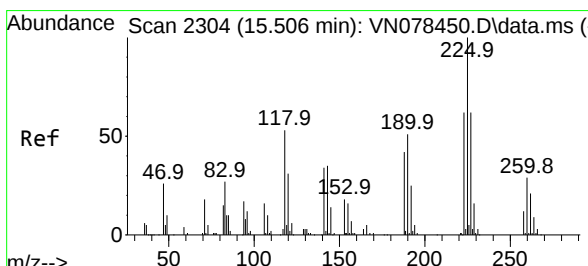
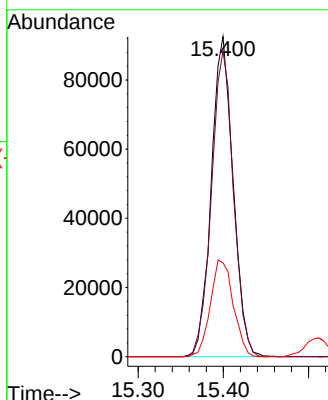
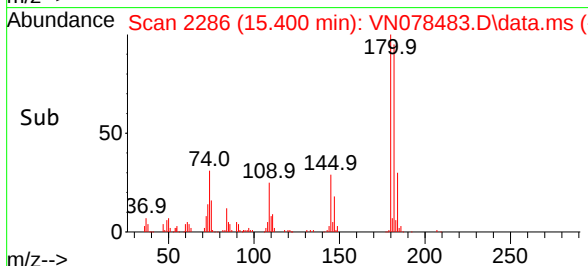
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 16477
Ion Ratio Lower Upper
180 100
182 96.5 46.1 138.2
145 31.6 16.6 49.8

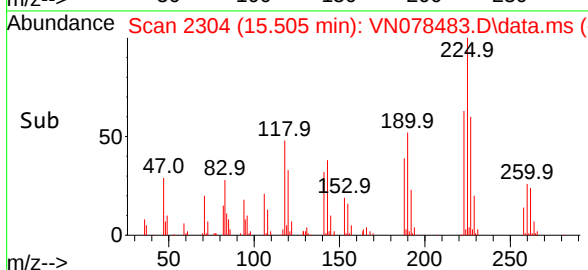
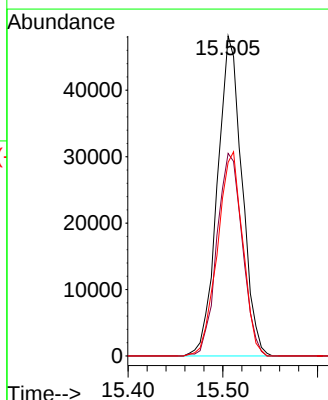
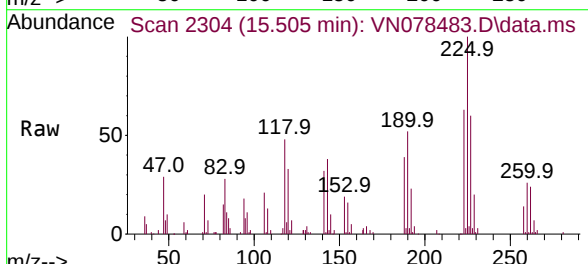
Manual Integrations
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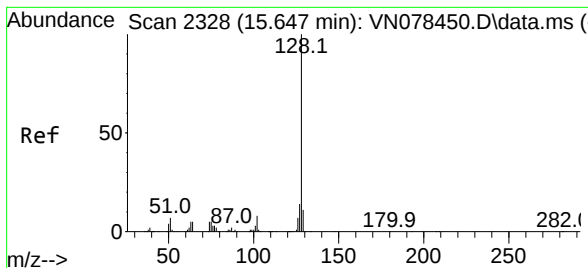
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#94
Hexachlorobutadiene
Concen: 47.407 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

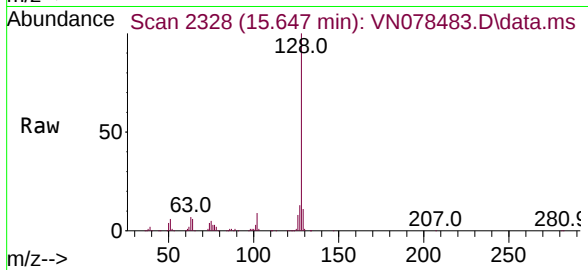
Tgt Ion:225 Resp: 86875
Ion Ratio Lower Upper
225 100
223 65.5 31.3 93.8
227 65.2 31.9 95.9





#95
Naphthalene
Concen: 42.308 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09

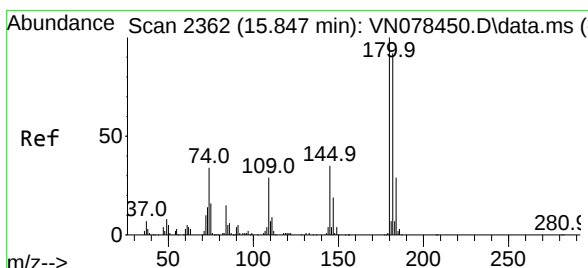
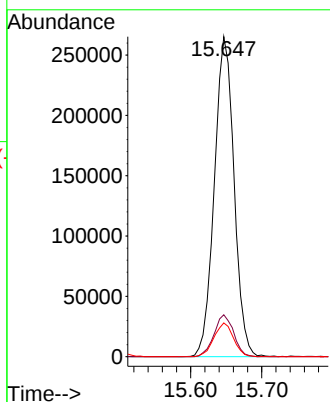
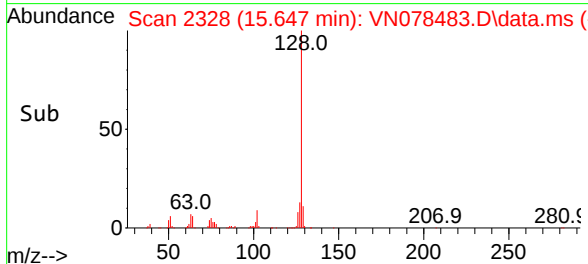
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



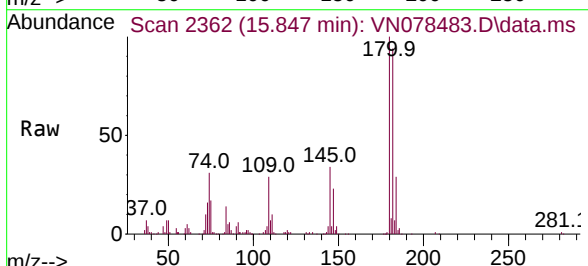
Tgt Ion:128 Resp: 510040
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 43.643 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:09



Tgt Ion:180 Resp: 176967
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 34.0 17.5 52.6

