

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079573.D
 Acq On : 17 Oct 2023 10:57
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:02:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 01:58:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	22288	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	166756	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	209374	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	92917	29.322	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.733%		
60) 4-Bromofluorobenzene	12.853	95	120054	31.355	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.533%		
63) Toluene-d8	10.570	98	262463	29.254	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	161991	50.118	ug/l	97
3) Chloromethane	2.365	50	201021	47.985	ug/l	99
4) Vinyl Chloride	2.518	62	218649	48.361	ug/l	100
5) Bromomethane	2.947	94	129714	46.272	ug/l	95
6) Chloroethane	3.118	64	143611	45.129	ug/l	98
7) Trichlorofluoromethane	3.500	101	270032	48.946	ug/l	95
8) Diethyl Ether	3.965	74	101663	50.844	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	151437	47.977	ug/l	98
10) 1,1-Dichloroethene	4.341	96	147508	49.118	ug/l	90
11) Methyl Iodide	4.589	142	177126	53.272	ug/l	96
12) Methyl Acetate	5.030	43	355332	49.081	ug/l	98
13) Acrolein	4.183	56	142807	238.626	ug/l	99
14) Acrylonitrile	5.724	53	441127	254.439	ug/l	99
15) Acetone	4.436	58	139537	253.467	ug/l	90
16) Carbon Disulfide	4.718	76	438247	47.857	ug/l	97
17) Allyl chloride	5.030	41	232595	50.235	ug/l	98
18) Methylene Chloride	5.277	84	178187	48.205	ug/l	95
19) trans-1,2-Dichloroethene	5.794	96	167082	49.731	ug/l	97
20) Diisopropyl ether	6.677	45	551751	50.256	ug/l	96
21) 1,1-Dichloroethane	6.571	63	326873	48.996	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	194557	50.277	ug/l	97
23) tert-Butyl Alcohol	5.524	59	135996	234.391	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	517248	51.333	ug/l	100
25) Chloroform	7.971	83	328936	48.796	ug/l	91
26) Cyclohexane	8.259	56	263955	52.340	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	247246	50.736	ug/l	98
30) 2-Butanone	7.482	43	617469	252.777	ug/l	99
31) 2,2-Dichloropropane	7.494	77	274128	49.891	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	284456	49.111	ug/l	99
33) Carbon Tetrachloride	8.365	117	249341	50.616	ug/l	96
34) Benzene	8.612	78	734573	49.613	ug/l	98
35) Methacrylonitrile	7.782	41	134709	52.424	ug/l	95
36) 1,2-Dichloroethane	8.676	62	260037	49.189	ug/l	99
37) Trichloroethene	9.353	130	175135	50.604	ug/l	100
38) Methylcyclohexane	9.606	83	249461	53.168	ug/l	98
39) 1,2-Dichloropropane	9.629	63	195983	50.159	ug/l	98
40) Dibromomethane	9.712	93	128860	50.253	ug/l	98
41) Bromodichloromethane	9.894	83	267779	50.391	ug/l	98
42) Vinyl Acetate	6.606	43	1655111	267.102	ug/l	100

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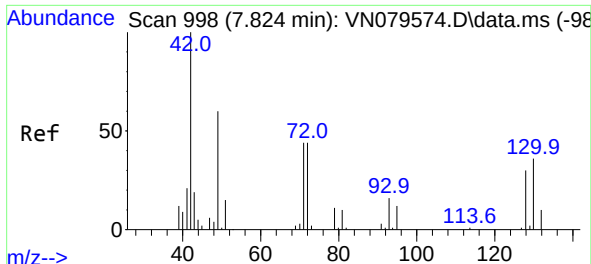
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 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:02:21 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	253920	55.280	ug/l	97
44) Isopropyl Acetate	8.694	43	407810	49.944	ug/l	99
45) 1,4-Dioxane	9.694	88	66834	1045.660	ug/l #	93
46) Methyl methacrylate	9.682	41	193092	53.304	ug/l	95
47) n-amyl Acetate	12.500	43	335853	56.992	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	283767	52.822	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	311100	52.959	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	176015	49.480	ug/l	93
51) Ethyl methacrylate	10.876	69	270205	55.055	ug/l	99
52) 1,3-Dichloropropane	11.170	76	322335	51.149	ug/l	100
53) Dibromochloromethane	11.365	129	191381	52.640	ug/l	98
54) 1,2-Dibromoethane	11.470	107	175619	50.042	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	502279	268.236	ug/l	99
56) Bromoform	12.582	173	127173	52.876	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	1251419	256.251	ug/l	99
59) 2-Hexanone	11.200	43	939297	262.173	ug/l	98
61) Tetrachloroethene	11.106	164	141818	49.333	ug/l	97
62) Toluene	10.635	91	800030	49.997	ug/l	99
64) Chlorobenzene	11.894	112	465168	50.122	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.964	131	177864	50.311	ug/l	96
66) Ethyl Benzene	11.964	91	873328	52.971	ug/l	100
67) m/p-Xylenes	12.076	106	647288	106.148	ug/l	96
68) o-Xylene	12.400	106	312482	53.603	ug/l	99
69) Styrene	12.412	104	520711	56.266	ug/l	99
70) Isopropylbenzene	12.700	105	806626	53.917	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	266991	50.191	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	239307m	46.692	ug/l	
73) Bromobenzene	12.982	156	184218	52.418	ug/l	98
74) n-propylbenzene	13.041	91	956440	54.914	ug/l	99
75) 2-Chlorotoluene	13.129	91	575943	53.190	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	665303	54.400	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	81781	55.469	ug/l	94
78) 4-Chlorotoluene	13.223	91	561423	54.877	ug/l	99
79) tert-butylbenzene	13.441	119	533803	54.287	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	662510	55.906	ug/l	99
81) sec-Butylbenzene	13.617	105	766350	55.516	ug/l	100
82) p-Isopropyltoluene	13.735	119	616354	56.288	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	326517	56.501	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	311884	56.295	ug/l	99
85) n-Butylbenzene	14.058	91	512184	59.867	ug/l	98
86) Hexachloroethane	14.335	117	124432	52.564	ug/l	100
87) 1,2-Dichlorobenzene	14.111	146	318693	55.482	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	44146	54.464	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	125715	62.093	ug/l	97
90) Hexachlorobutadiene	15.505	225	73728	51.411	ug/l	99
91) Naphthalene	15.647	128	343183	65.711	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	125715	62.093	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



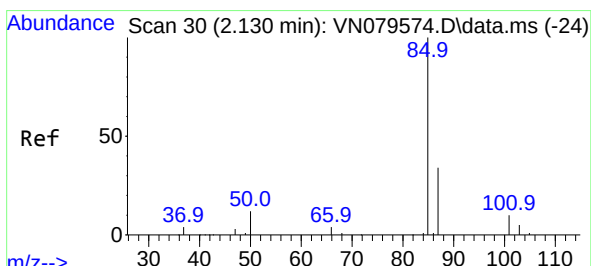
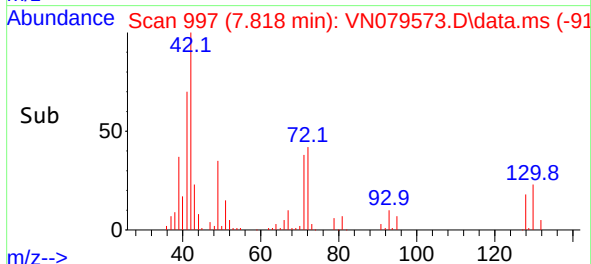
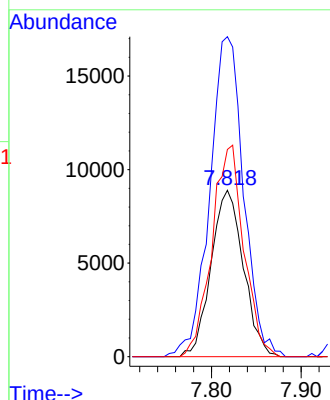
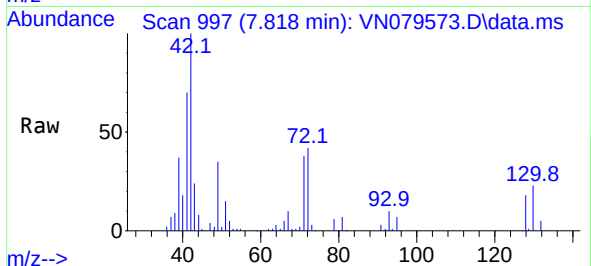
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 2228
Ion Ratio Lower Upper
128 100
49 201.3 0.0 468.5
130 125.4 0.0 320.7

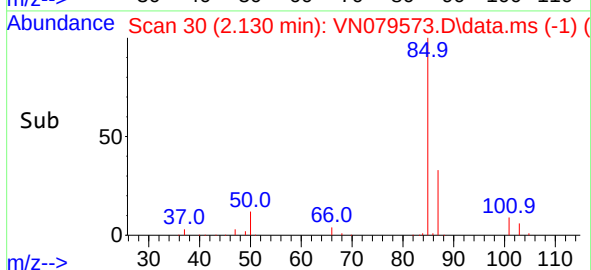
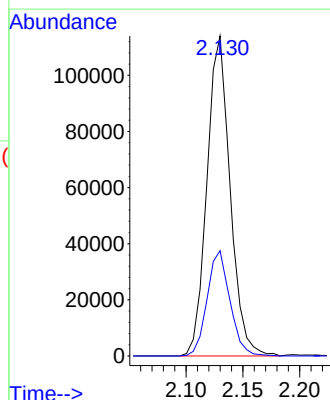
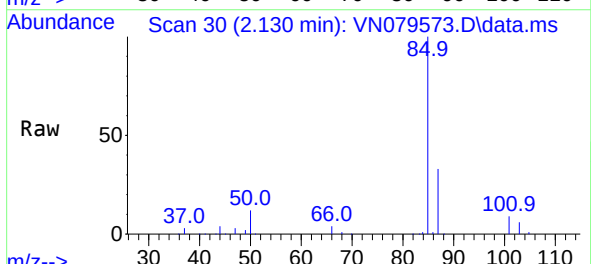
Manual Integrations
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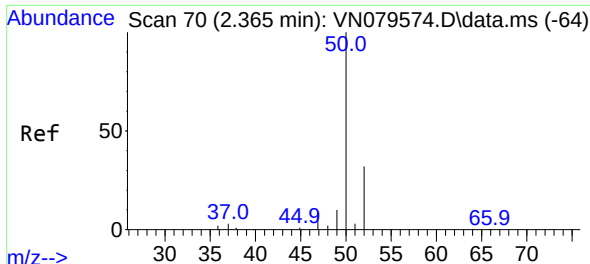
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#2
Dichlorodifluoromethane
Concen: 50.118 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion: 85 Resp: 161991
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.7





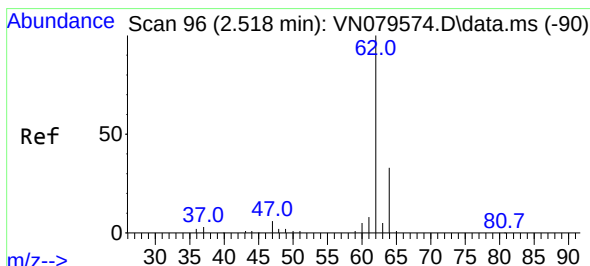
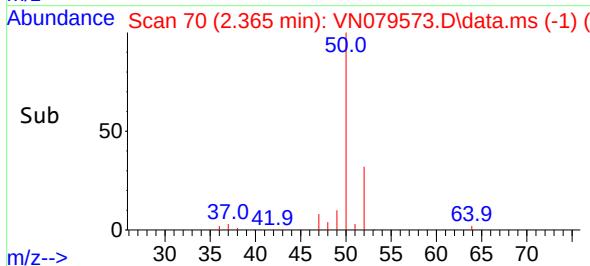
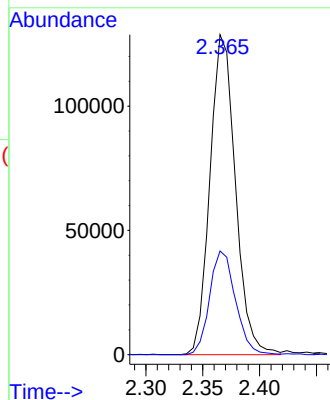
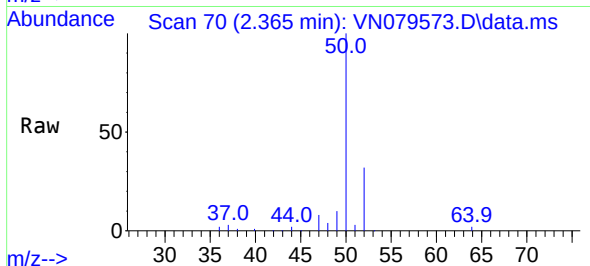
#3
Chloromethane
Concen: 47.985 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 20102
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4

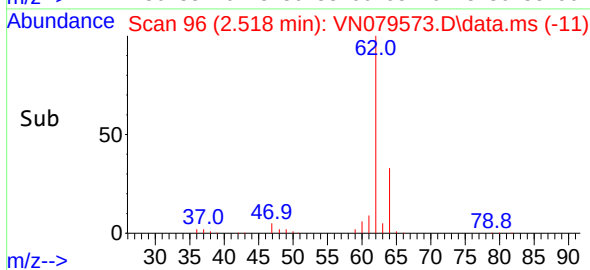
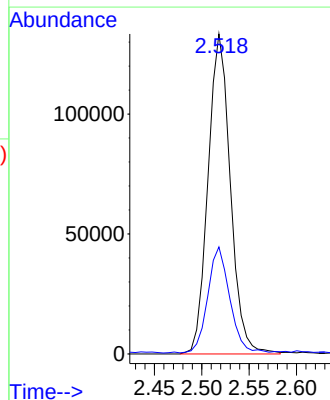
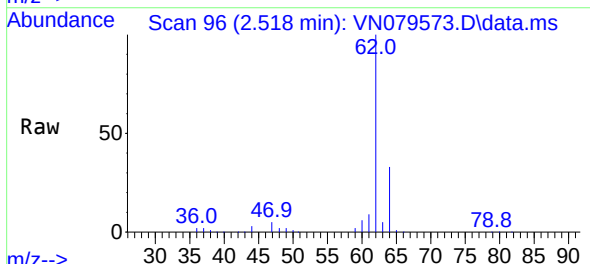
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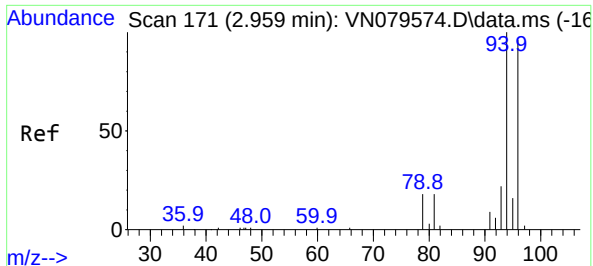
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#4
Vinyl Chloride
Concen: 48.361 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion: 62 Resp: 218649
Ion Ratio Lower Upper
62 100
64 33.1 26.4 39.6





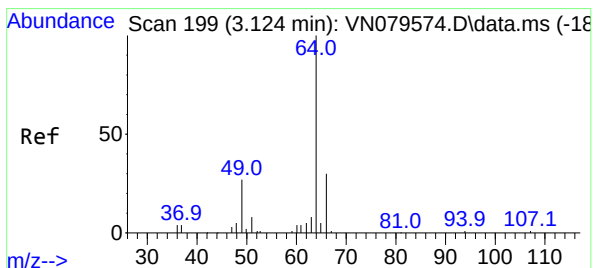
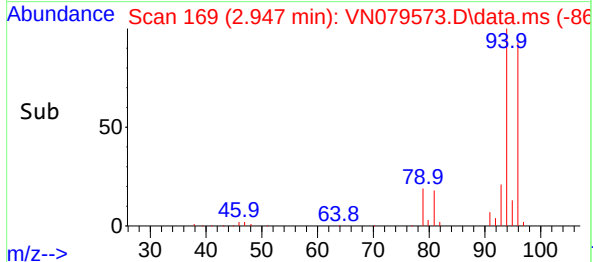
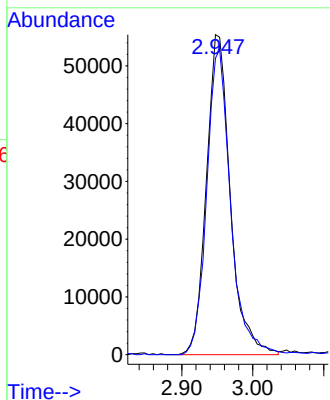
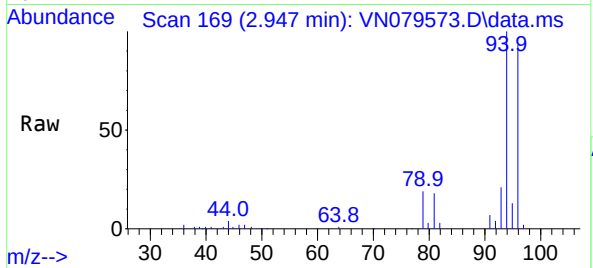
#5
Bromomethane
Concen: 46.272 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 129714
Ion Ratio Lower Upper
94 100
96 92.7 77.8 116.6

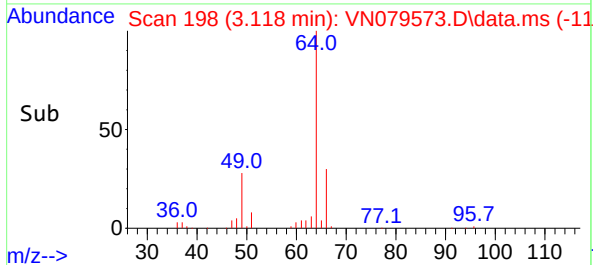
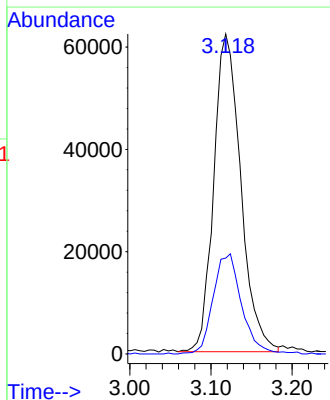
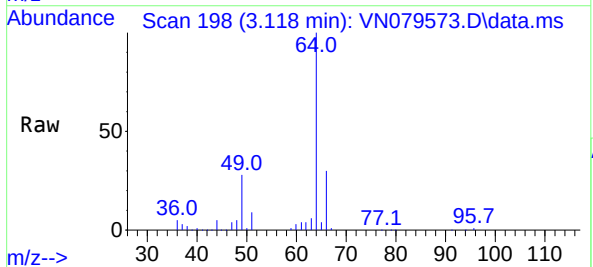
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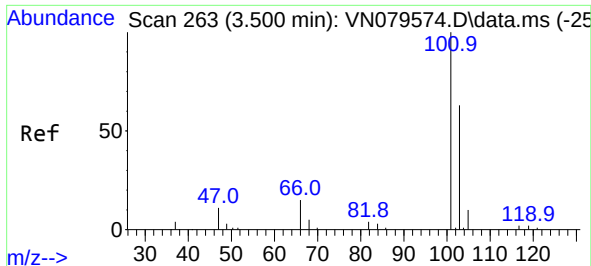
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#6
Chloroethane
Concen: 45.129 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion: 64 Resp: 143611
Ion Ratio Lower Upper
64 100
66 30.2 23.3 34.9





#7
Trichlorofluoromethane
Concen: 48.946 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

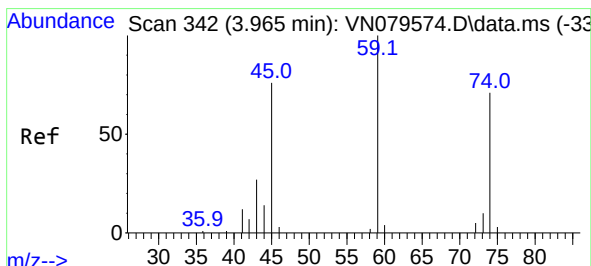
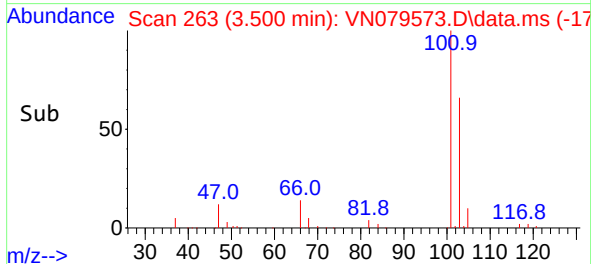
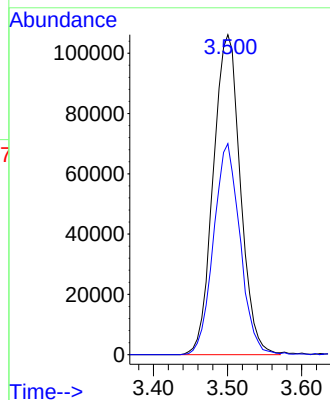
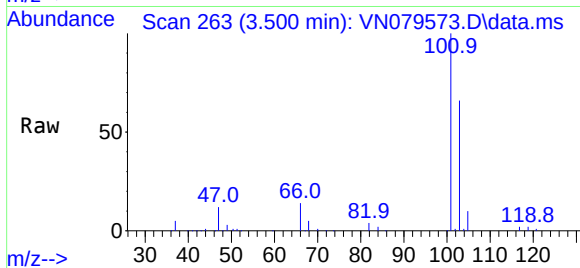
VSTDIC050

Tgt Ion:101 Resp: 27003
Ion Ratio Lower Upper
101 100
103 66.0 49.9 74.9

Manual Integrations

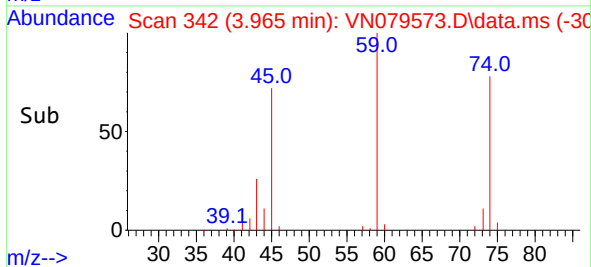
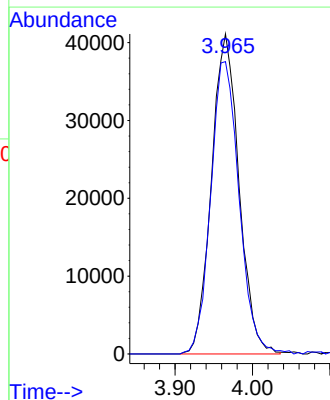
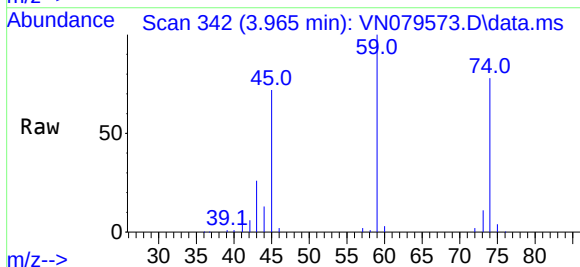
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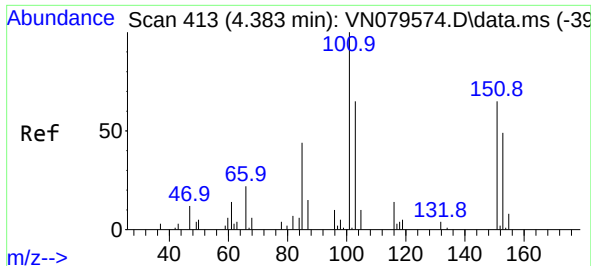
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#8
Diethyl Ether
Concen: 50.844 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion: 74 Resp: 101663
Ion Ratio Lower Upper
74 100
45 94.3 19.0 171.0





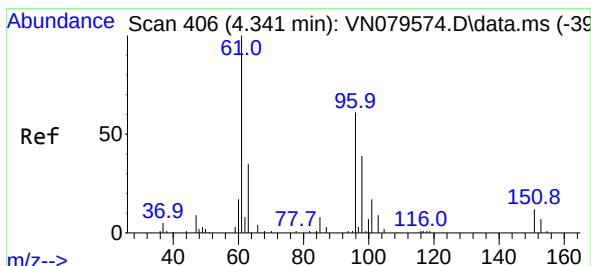
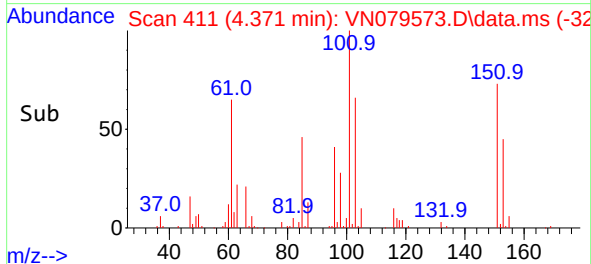
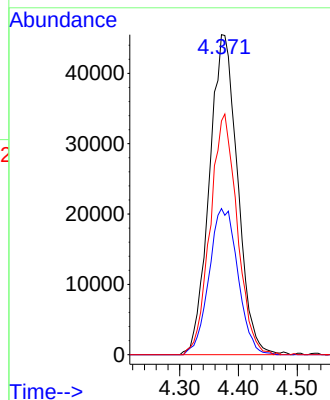
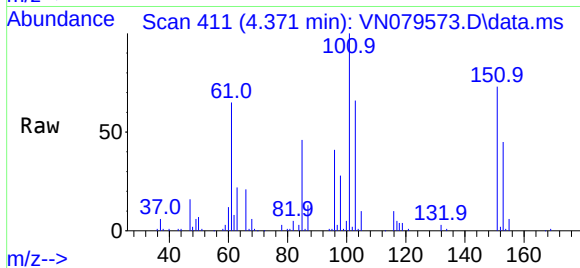
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.977 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 15143
Ion Ratio Lower Upper
101 100
85 46.8 0.0 92.0
151 71.9 0.0 138.4

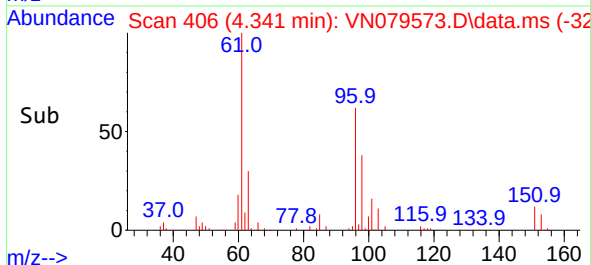
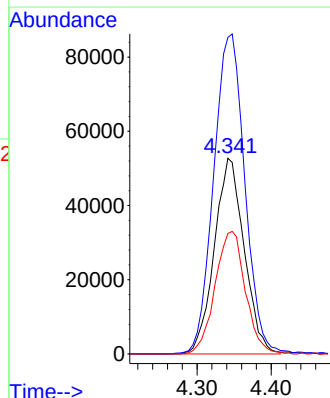
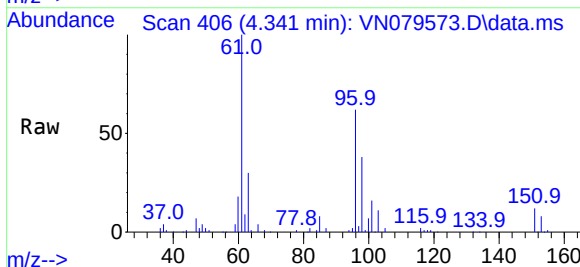
Manual Integrations
APPROVED

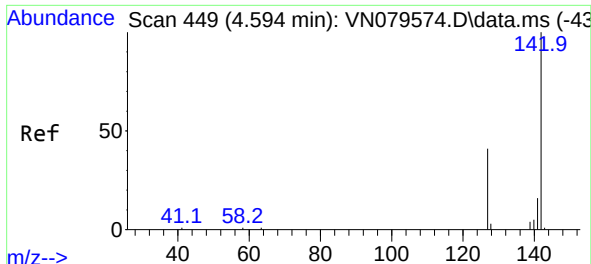
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
1,1-Dichloroethene
Concen: 49.118 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

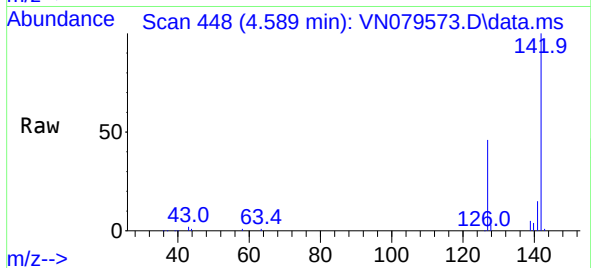
Tgt Ion: 96 Resp: 147508
Ion Ratio Lower Upper
96 100
61 161.3 141.3 211.9
98 61.6 53.2 79.8





#11
Methyl Iodide
Concen: 53.272 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

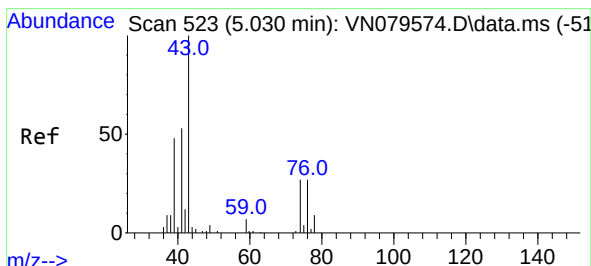
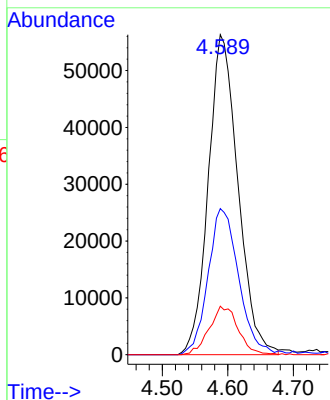
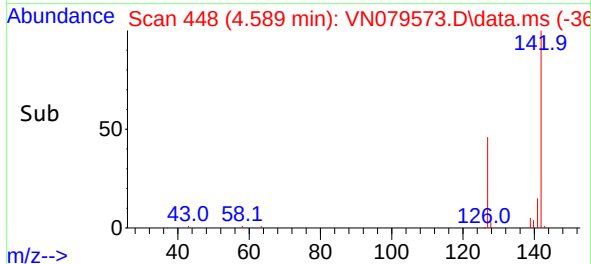
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 177120
Ion Ratio Lower Upper
142 100
127 45.4 24.6 73.8
141 15.3 7.7 23.1

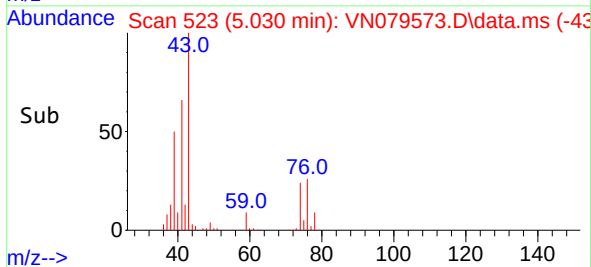
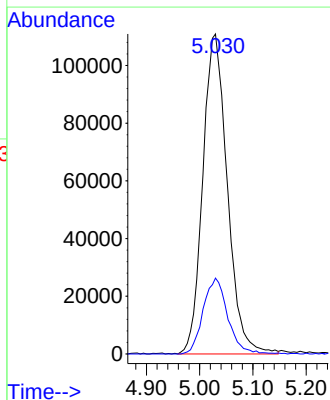
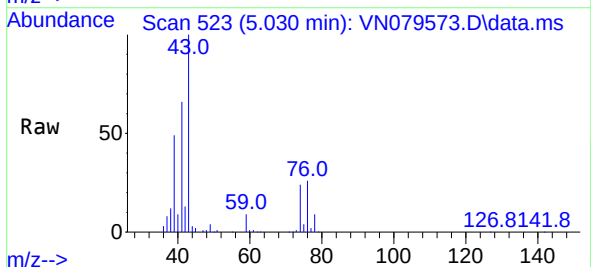
Manual Integrations
APPROVED

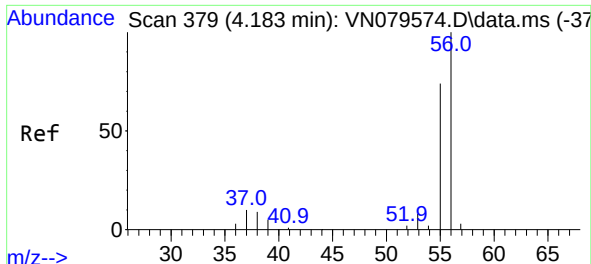
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#12
Methyl Acetate
Concen: 49.081 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

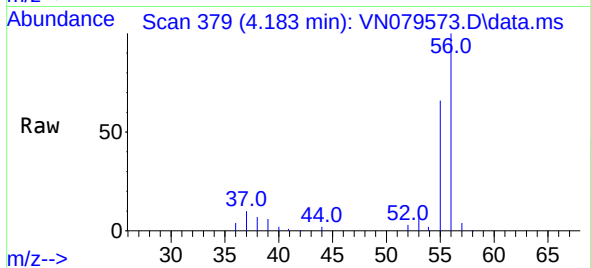
Tgt Ion: 43 Resp: 355332
Ion Ratio Lower Upper
43 100
74 23.6 18.1 27.1





#13
Acrolein
Concen: 238.626 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

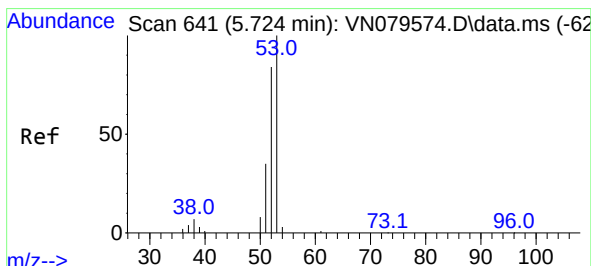
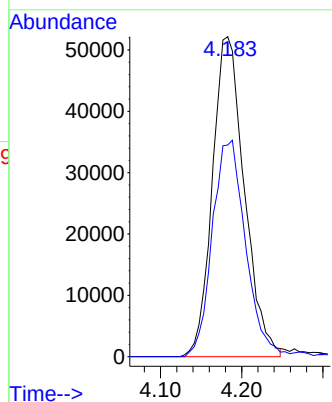
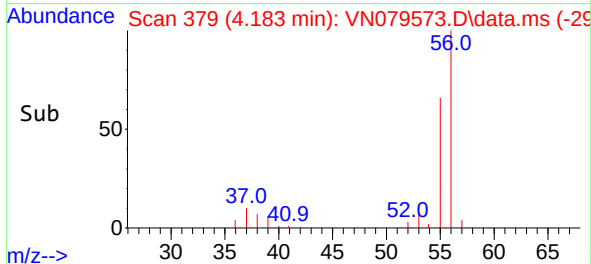
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



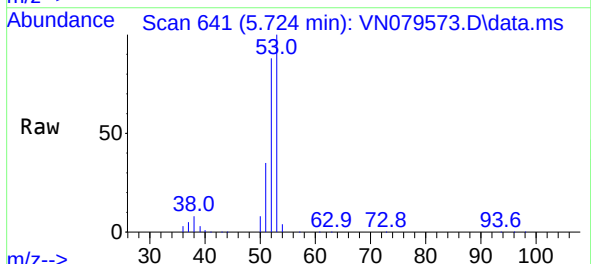
Tgt Ion: 56 Resp: 14280
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7

Manual Integrations
APPROVED

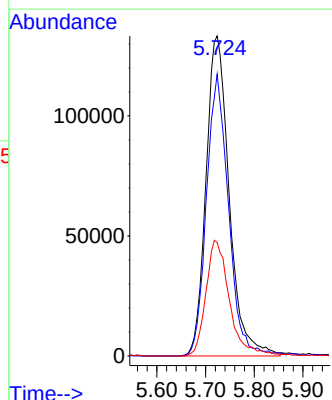
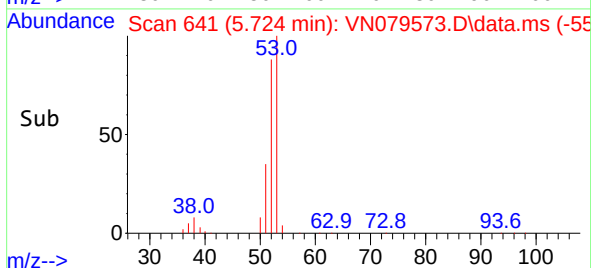
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

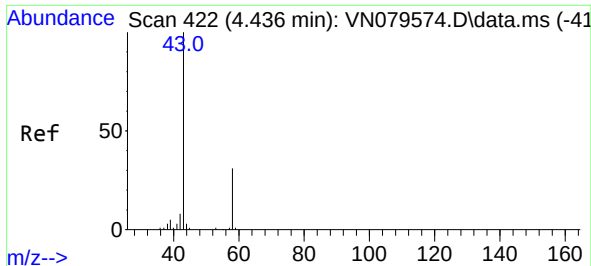


#14
Acrylonitrile
Concen: 254.439 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



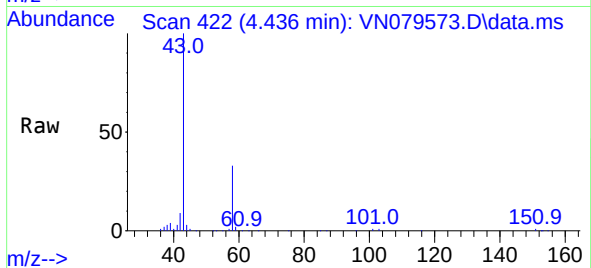
Tgt Ion: 53 Resp: 441127
Ion Ratio Lower Upper
53 100
52 82.3 41.6 124.9
51 35.6 17.8 53.3





#15
Acetone
Concen: 253.467 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

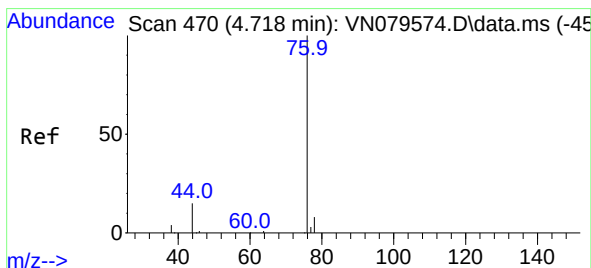
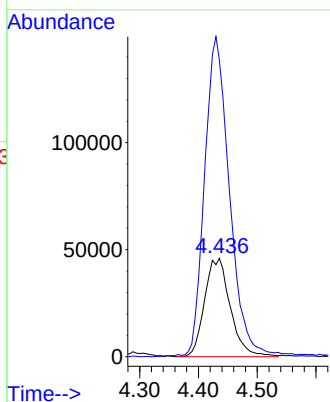
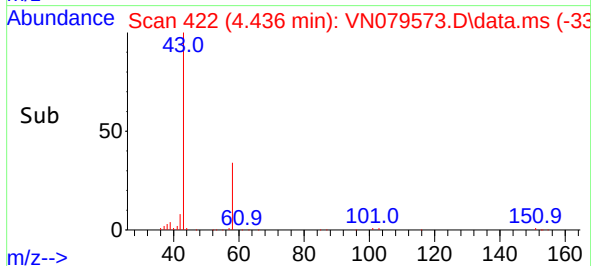
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



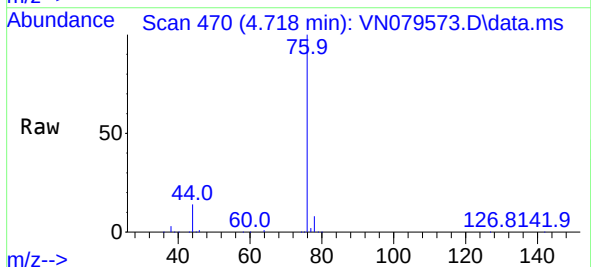
Tgt Ion: 58 Resp: 13953
Ion Ratio Lower Upper
58 100
43 299.7 225.2 337.8

Manual Integrations
APPROVED

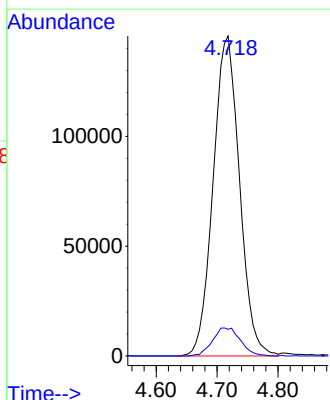
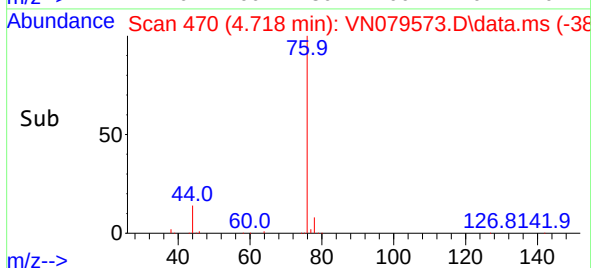
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

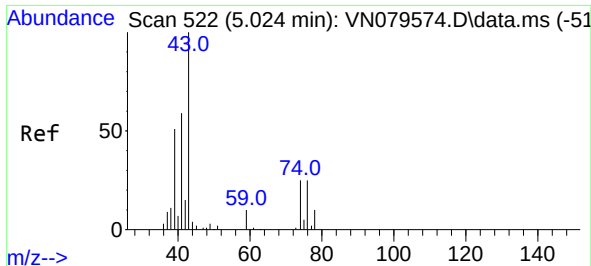


#16
Carbon Disulfide
Concen: 47.857 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 76 Resp: 438247
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3





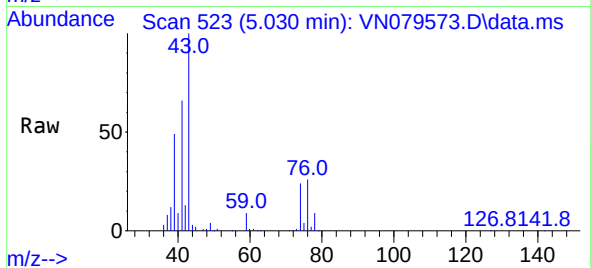
#17
 Allyl chloride
 Concen: 50.235 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079573.D
 Acq: 17 Oct 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



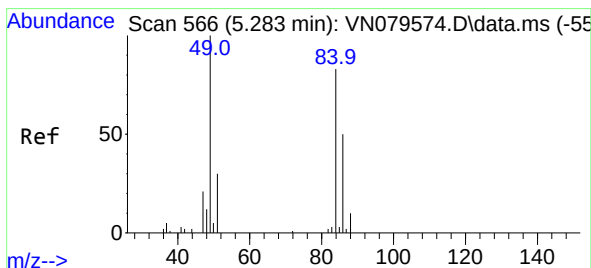
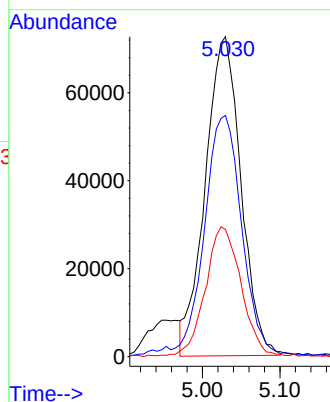
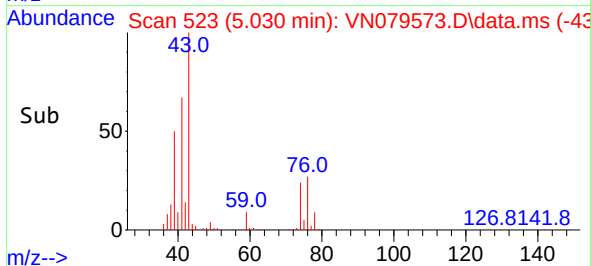
Tgt Ion: 41 Resp: 23259
 Ion Ratio Lower Upper
 41 100
 39 74.6 38.4 115.2
 76 39.4 19.5 58.5

Manual Integrations

APPROVED

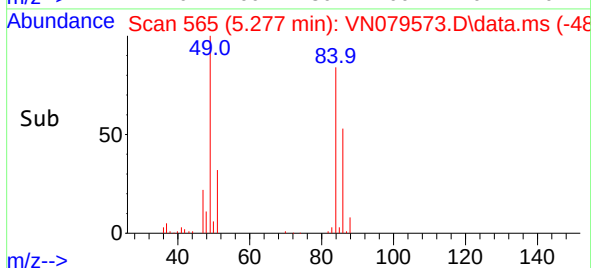
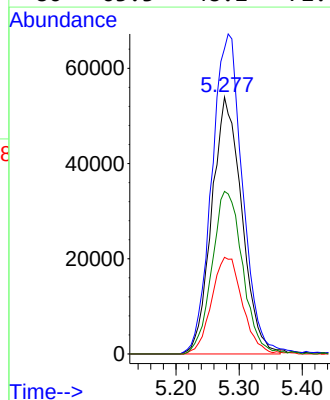
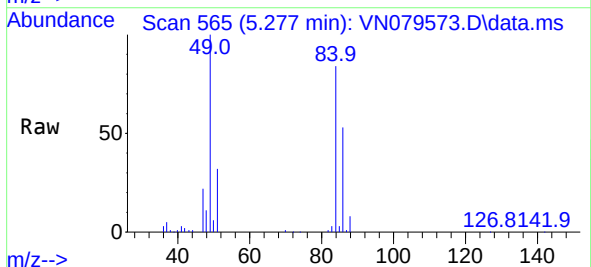
Reviewed By :John Carlone 10/18/2023

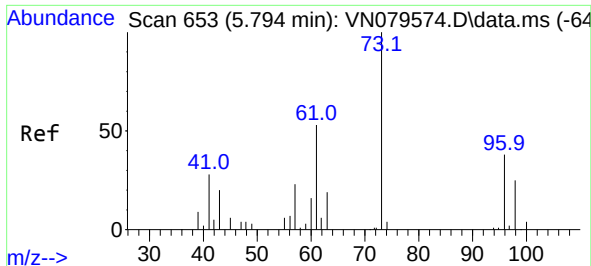
Supervised By :Mahesh Dadoda 10/20/2023



#18
 Methylene Chloride
 Concen: 48.205 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079573.D
 Acq: 17 Oct 2023 10:57

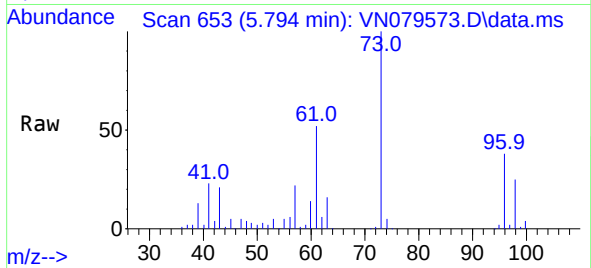
Tgt Ion: 84 Resp: 178187
 Ion Ratio Lower Upper
 84 100
 49 118.9 100.9 151.3
 51 37.6 29.4 44.2
 86 63.3 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 49.731 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

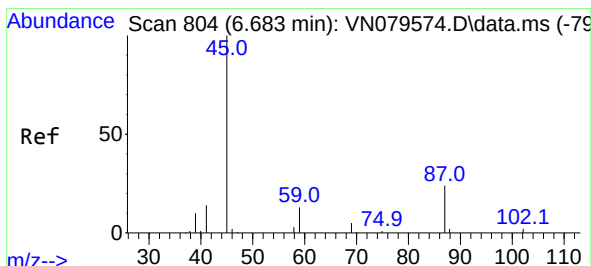
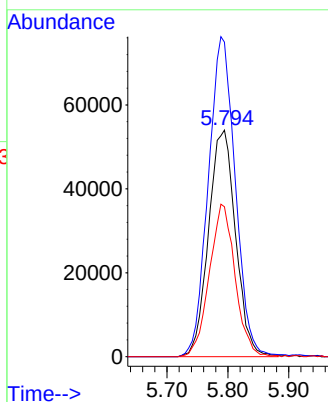
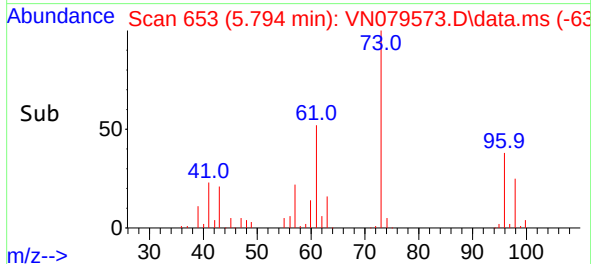
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



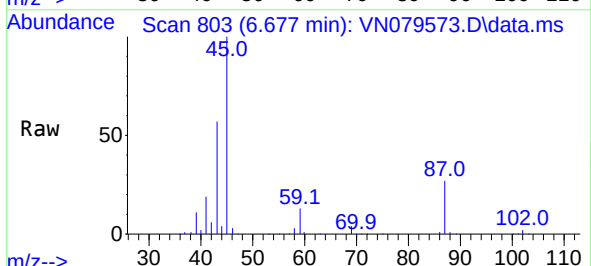
Tgt Ion: 96 Resp: 167082
Ion Ratio Lower Upper
96 100
61 138.9 113.4 170.0
98 66.2 50.4 75.6

Manual Integrations
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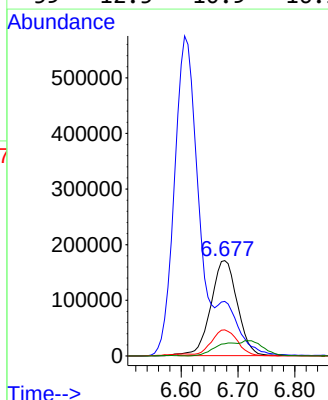
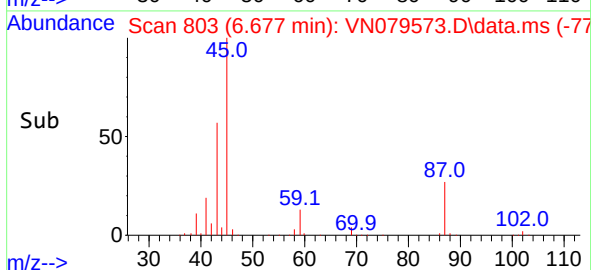
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

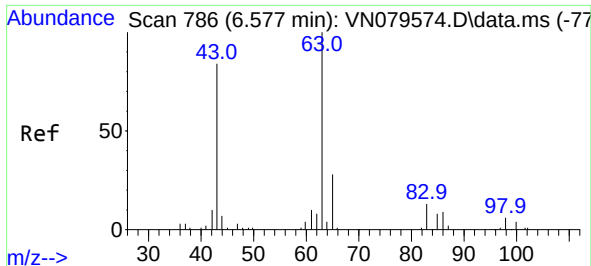


#20
Diisopropyl ether
Concen: 50.256 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 45 Resp: 551751
Ion Ratio Lower Upper
45 100
43 56.1 42.1 63.1
87 27.4 20.5 30.7
59 12.5 10.9 16.3





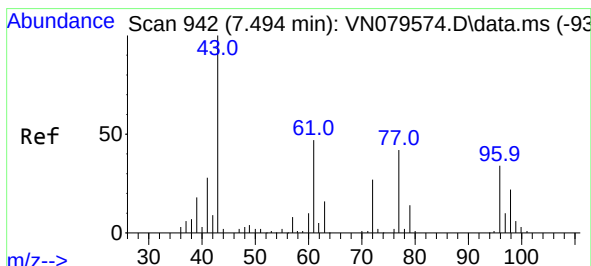
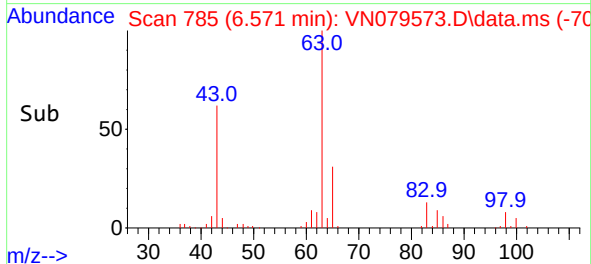
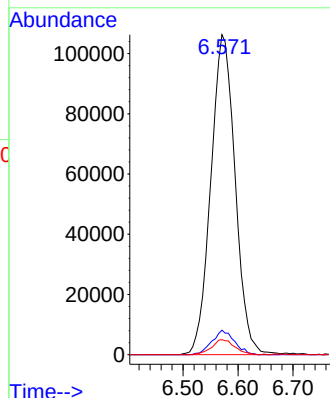
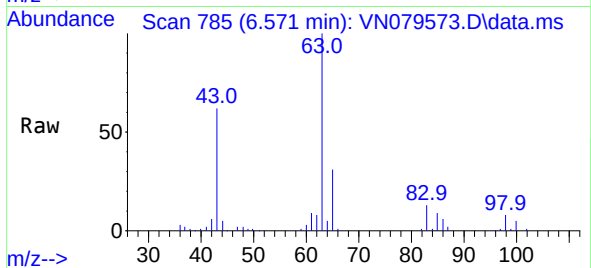
#21
1,1-Dichloroethane
Concen: 48.996 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 32687
Ion Ratio Lower Upper
63 100
98 7.7 2.8 8.4
100 4.7 1.9 5.7

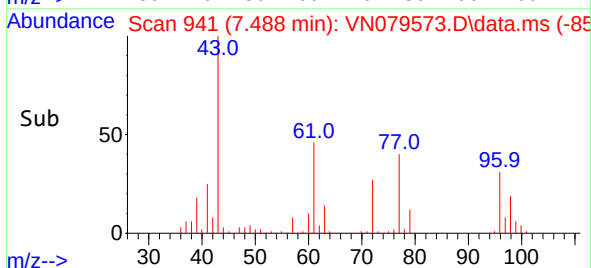
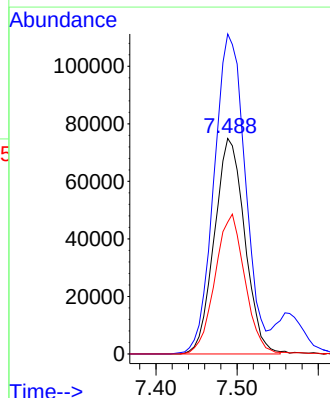
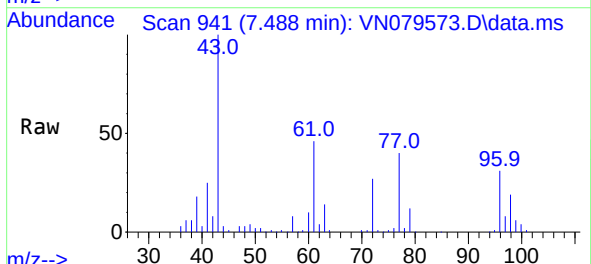
Manual Integrations
APPROVED

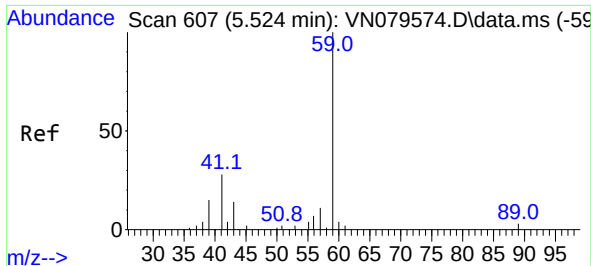
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#22
cis-1,2-Dichloroethene
Concen: 50.277 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

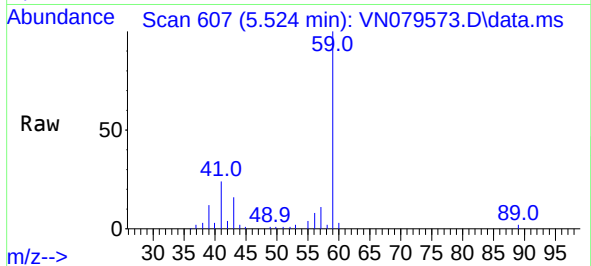
Tgt Ion: 96 Resp: 194557
Ion Ratio Lower Upper
96 100
61 152.5 124.6 186.8
98 63.7 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 234.391 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

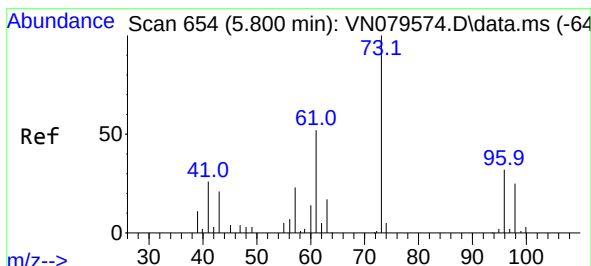
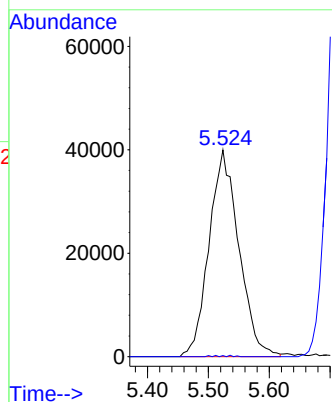
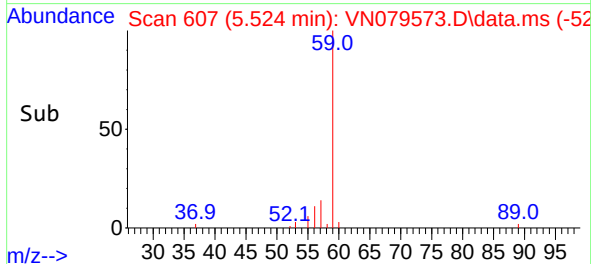
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



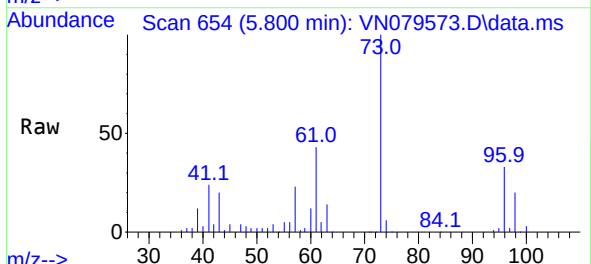
Tgt Ion: 59 Resp: 135990
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

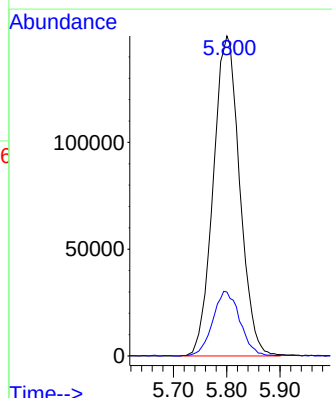
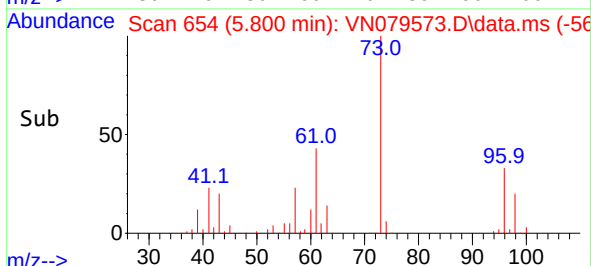
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

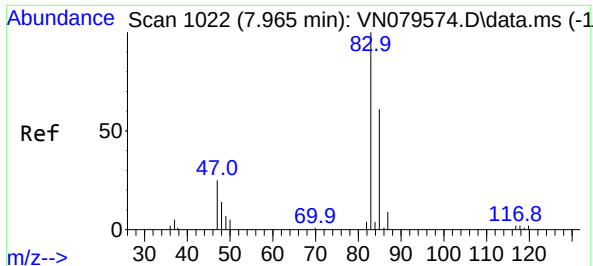


#24
Methyl tert-Butyl Ether
Concen: 51.333 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 73 Resp: 517248
Ion Ratio Lower Upper
73 100
43 20.8 16.6 24.8





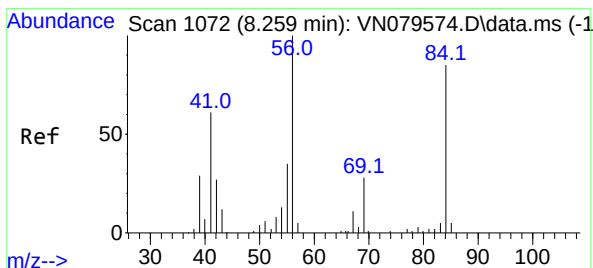
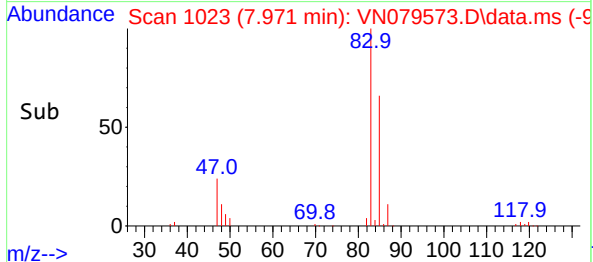
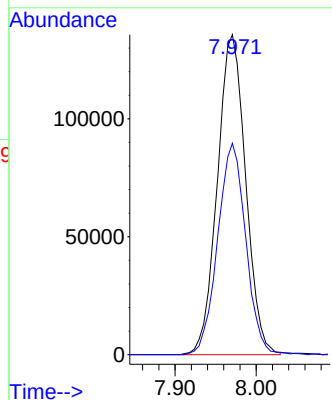
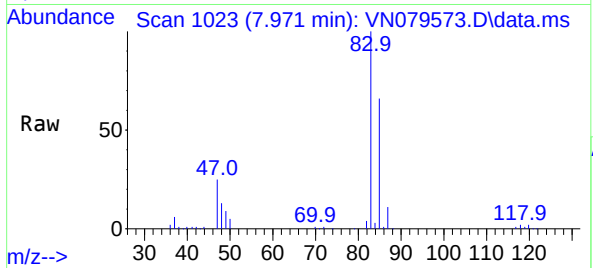
#25
Chloroform
Concen: 48.796 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 328936
Ion Ratio Lower Upper
83 100
85 66.1 47.4 71.2

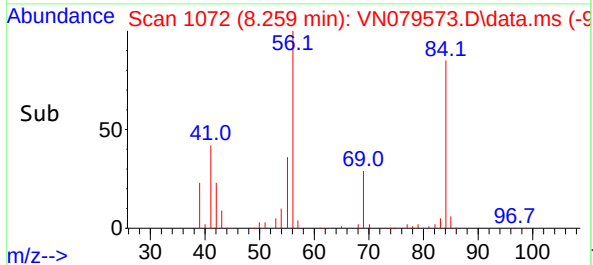
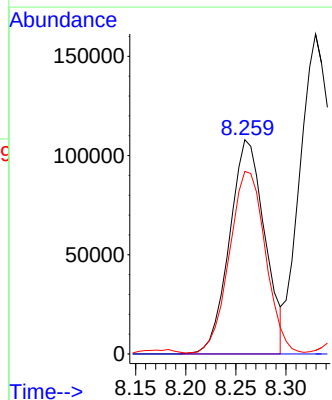
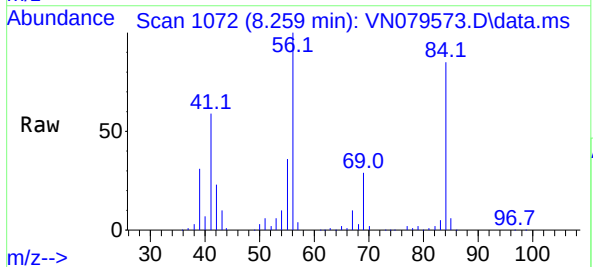
Manual Integrations
APPROVED

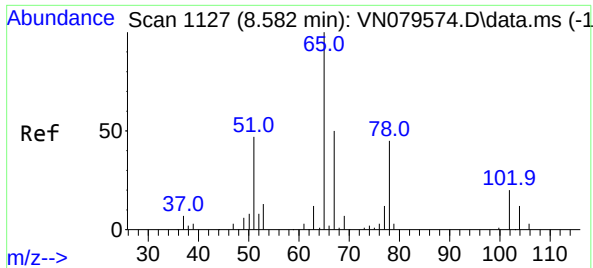
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
Cyclohexane
Concen: 52.340 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion: 56 Resp: 263955
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.7 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.322 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

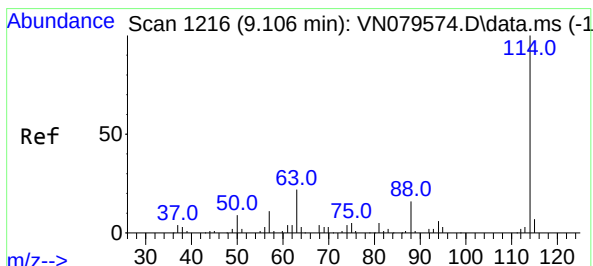
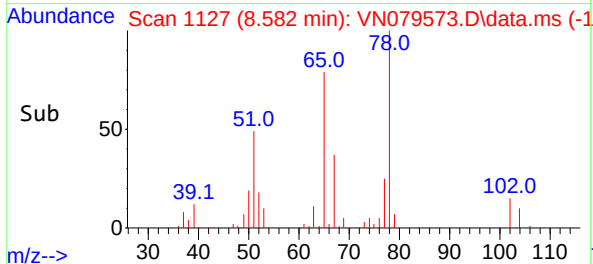
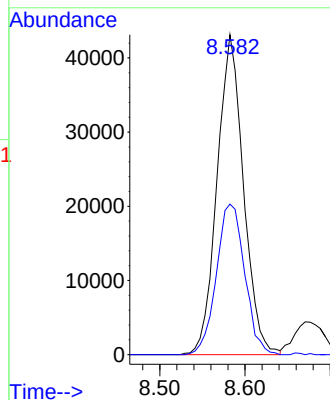
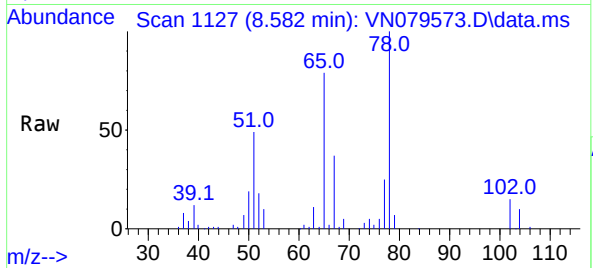
VSTDICC050

Tgt Ion: 65 Resp: 9291
Ion Ratio Lower Upper
65 100
67 50.4 42.1 63.1

Manual Integrations

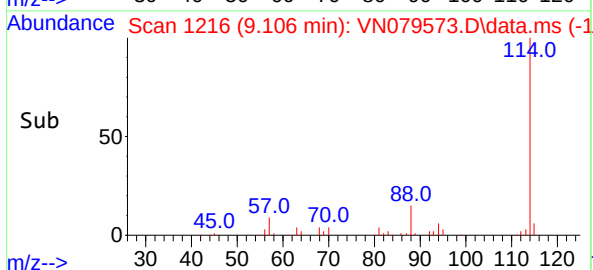
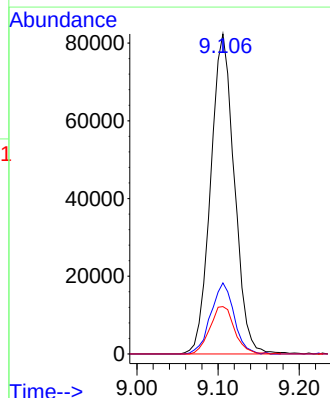
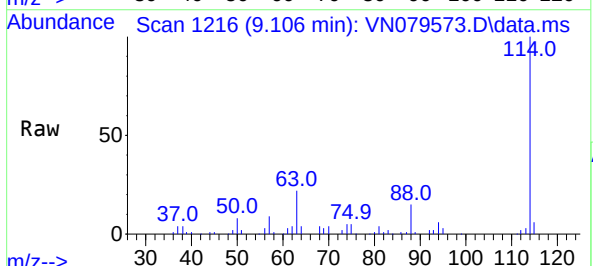
APPROVED

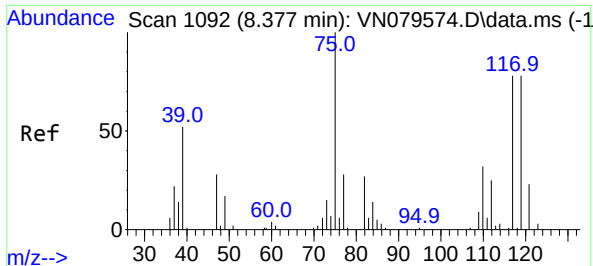
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion:114 Resp: 166756
Ion Ratio Lower Upper
114 100
63 21.8 18.1 27.1
88 15.4 12.2 18.2





#29
1,1-Dichloropropene
Concen: 50.736 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

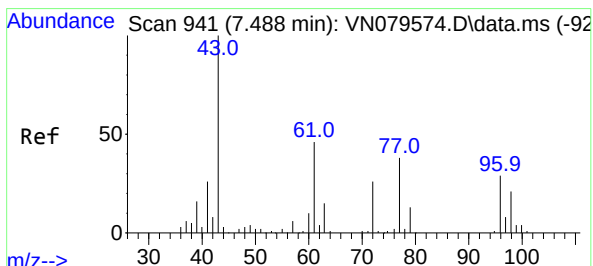
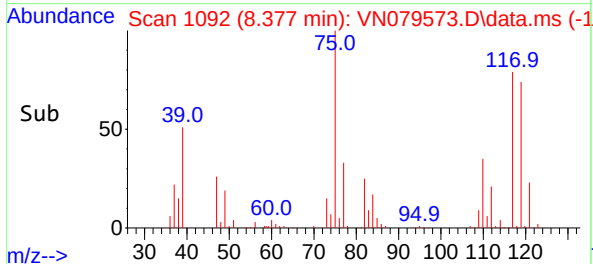
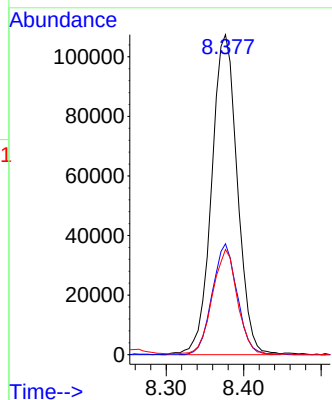
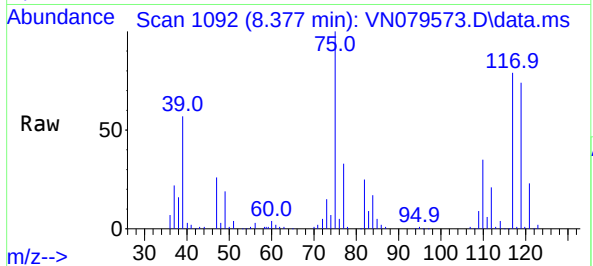
Tgt Ion: 75 Resp: 247240
Ion Ratio Lower Upper
75 100
110 33.6 0.0 66.8
77 32.3 0.0 61.2

Manual Integrations

APPROVED

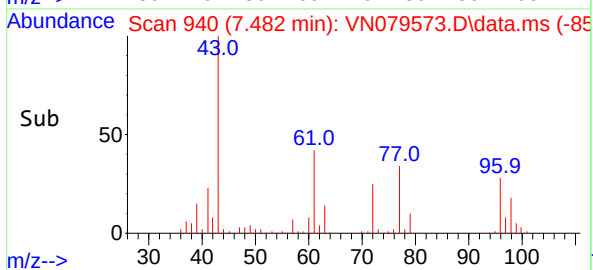
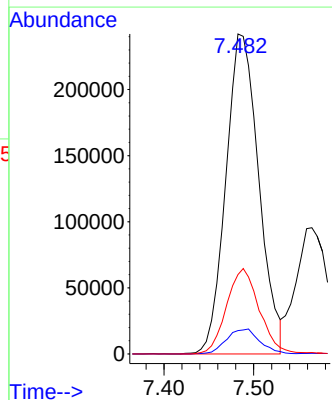
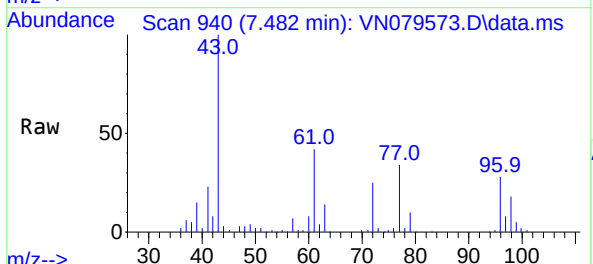
Reviewed By :John Carlone 10/18/2023

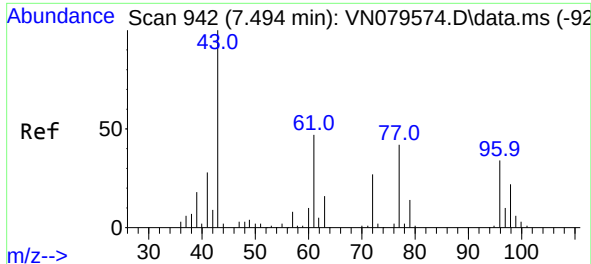
Supervised By :Mahesh Dadoda 10/20/2023



#30
2-Butanone
Concen: 252.777 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion: 43 Resp: 617469
Ion Ratio Lower Upper
43 100
57 7.9 6.4 9.6
72 26.5 20.7 31.1





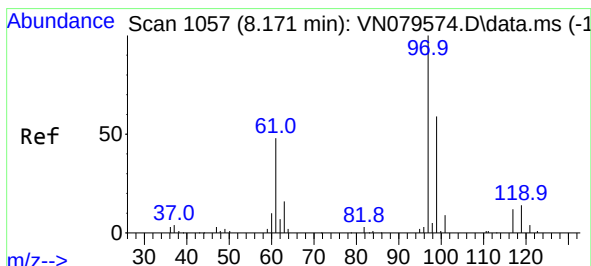
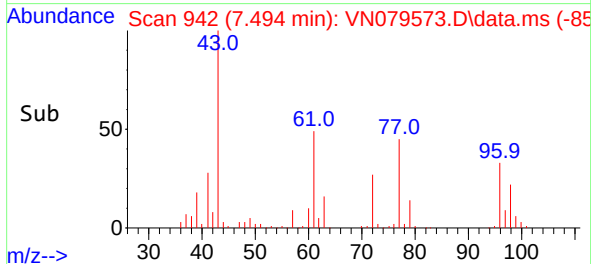
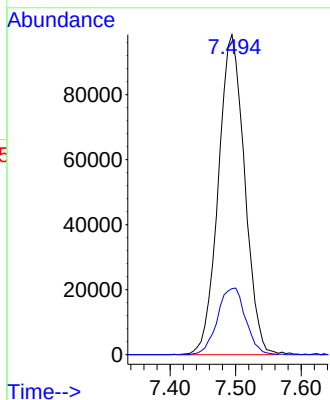
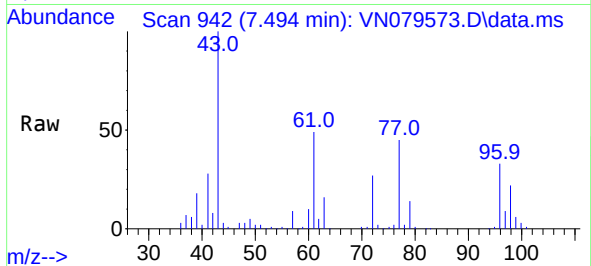
#31
2,2-Dichloropropane
Concen: 49.891 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 274128
Ion Ratio Lower Upper
77 100
97 22.3 17.9 26.9

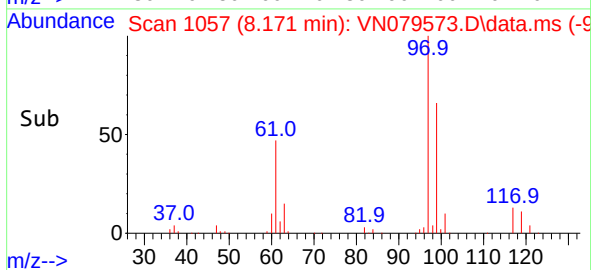
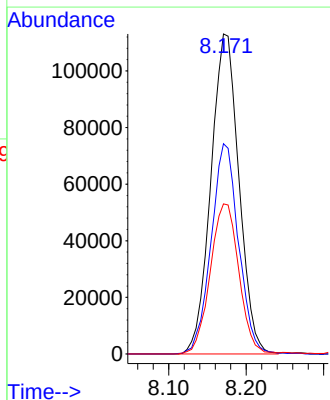
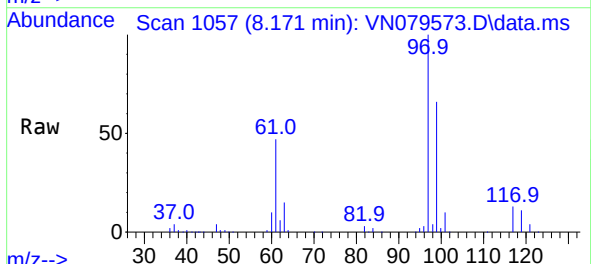
Manual Integrations
APPROVED

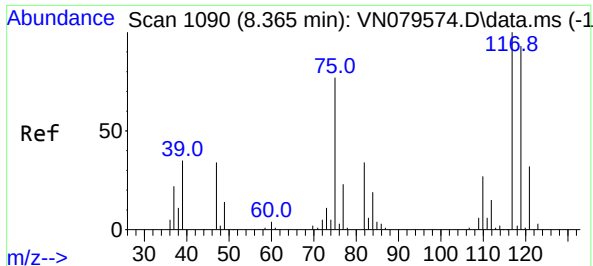
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 49.111 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

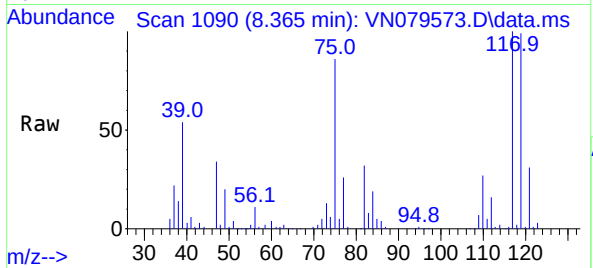
Tgt Ion: 97 Resp: 284456
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 47.7 37.6 56.4





#33
Carbon Tetrachloride
Concen: 50.616 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

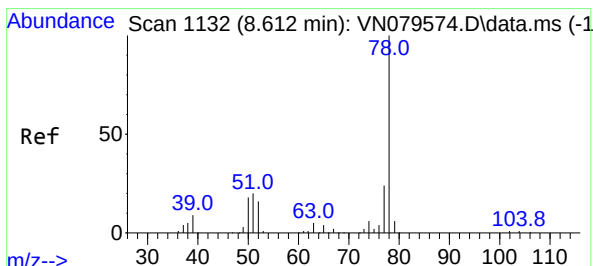
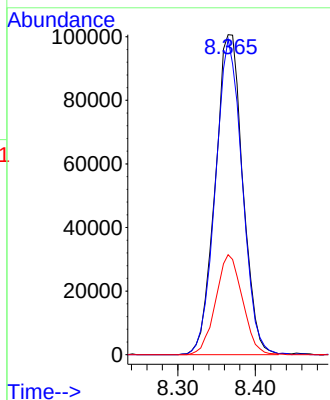
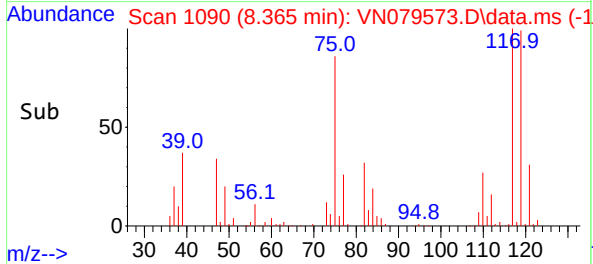
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



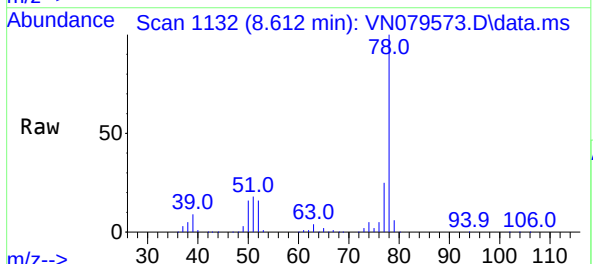
Tgt Ion: 117 Resp: 24934
Ion Ratio Lower Upper
117 100
119 98.6 75.0 112.6
121 31.3 24.3 36.5

Manual Integrations
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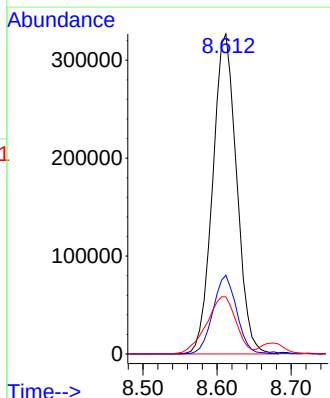
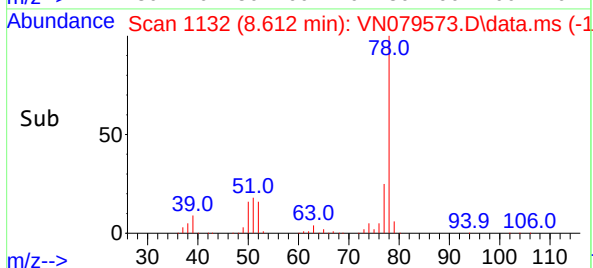
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

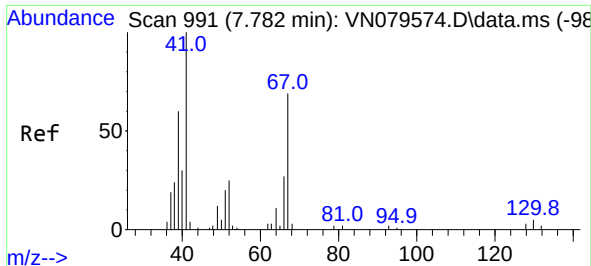


#34
Benzene
Concen: 49.613 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



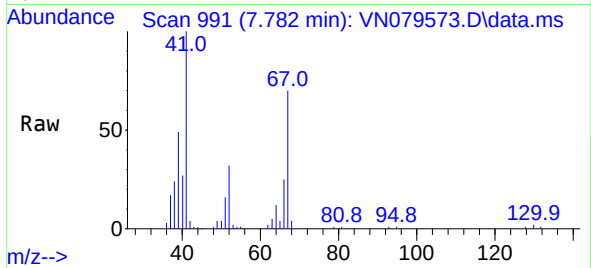
Tgt Ion: 78 Resp: 734573
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5
51 17.5 15.8 23.6





#35
Methacrylonitrile
Concen: 52.424 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

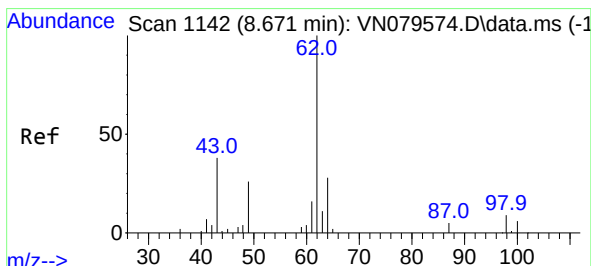
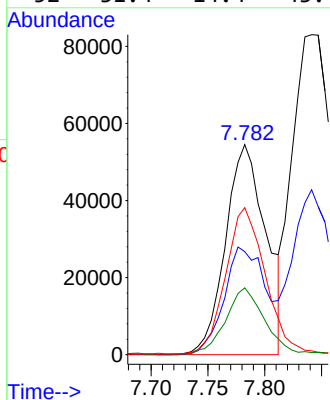
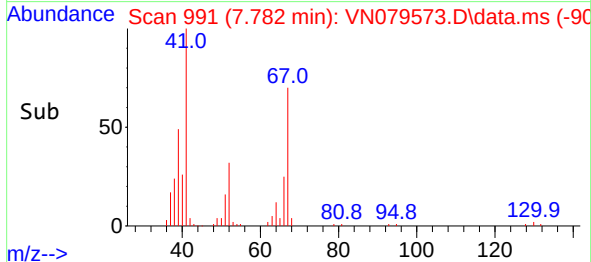
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



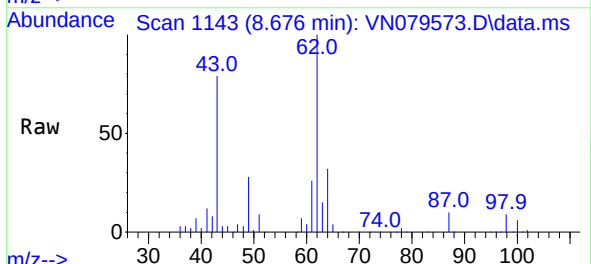
Tgt Ion: 41 Resp: 134709
Ion Ratio Lower Upper
41 100
39 48.8 26.3 78.8
67 70.1 37.5 112.3
52 31.4 14.4 43.4

Manual Integrations
APPROVED

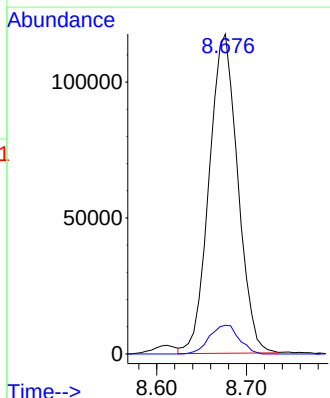
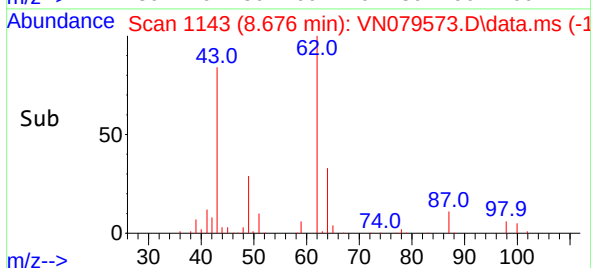
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

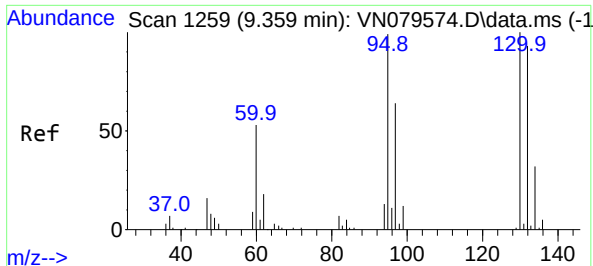


#36
1,2-Dichloroethane
Concen: 49.189 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 62 Resp: 260037
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8





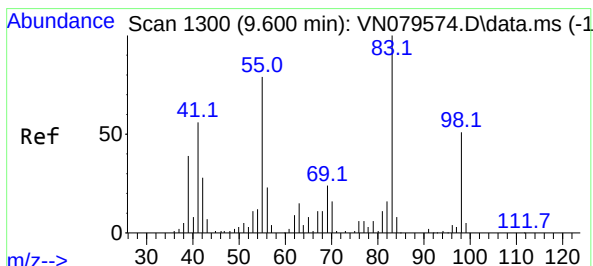
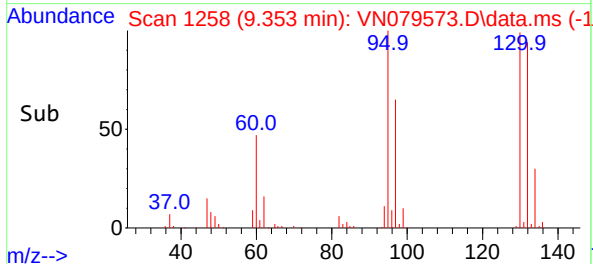
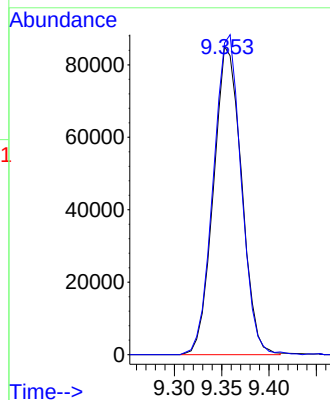
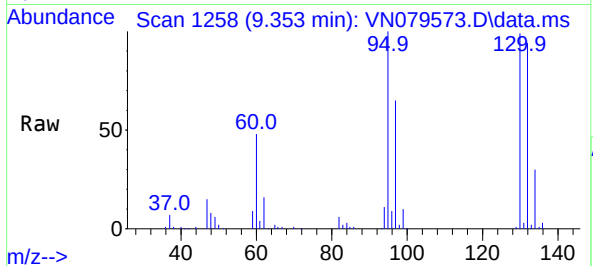
#37
Trichloroethene
Concen: 50.604 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:130 Resp: 17513
Ion Ratio Lower Upper
130 100
95 101.1 81.2 121.8

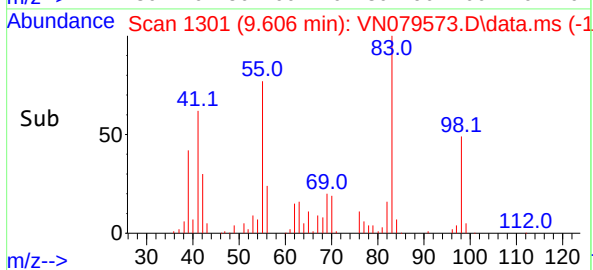
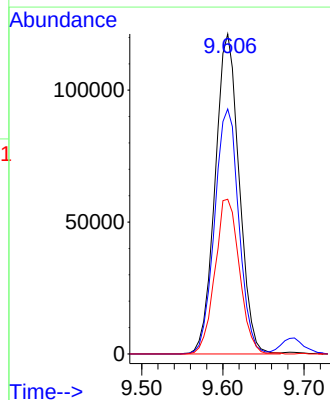
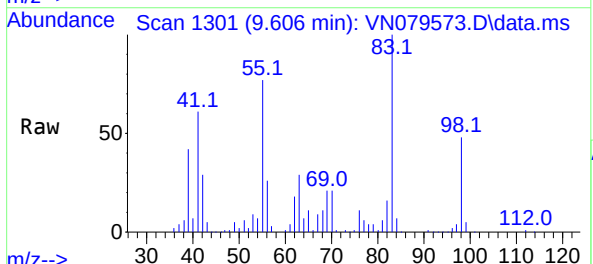
Manual Integrations
APPROVED

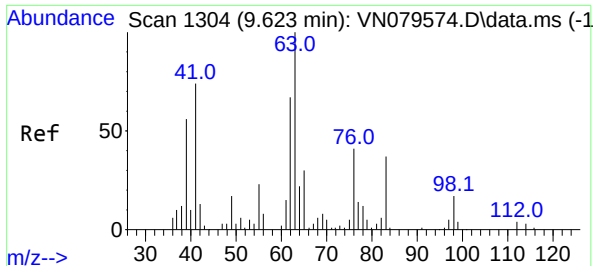
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#38
Methylcyclohexane
Concen: 53.168 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion: 83 Resp: 249461
Ion Ratio Lower Upper
83 100
55 77.3 39.7 119.1
98 49.3 24.4 73.2





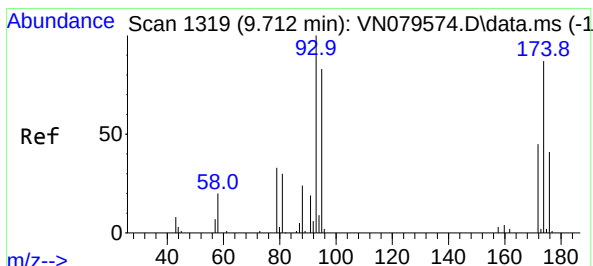
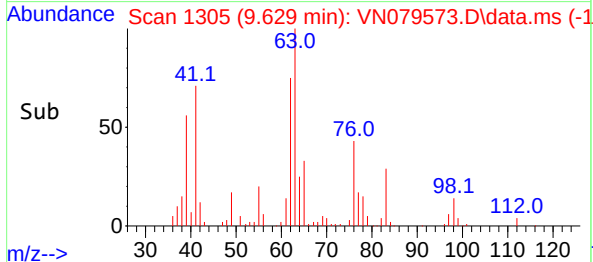
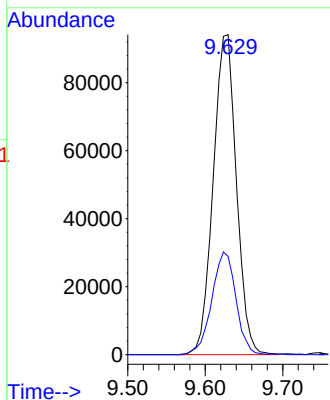
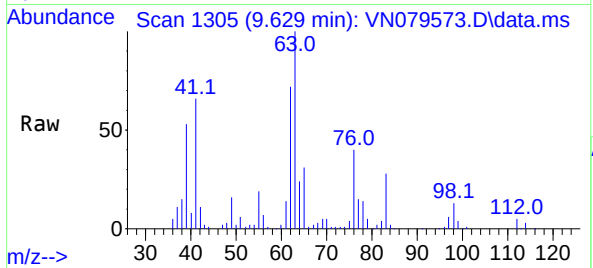
#39
1,2-Dichloropropane
Concen: 50.159 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 19598
Ion Ratio Lower Upper
63 100
65 30.7 25.3 37.9

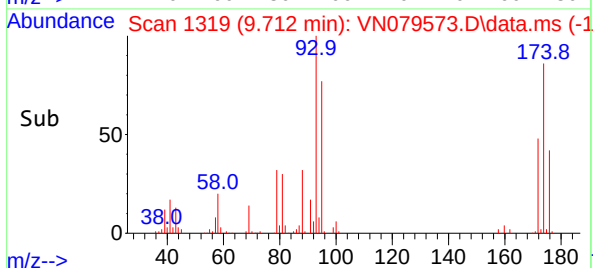
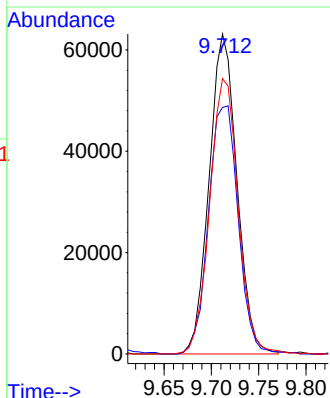
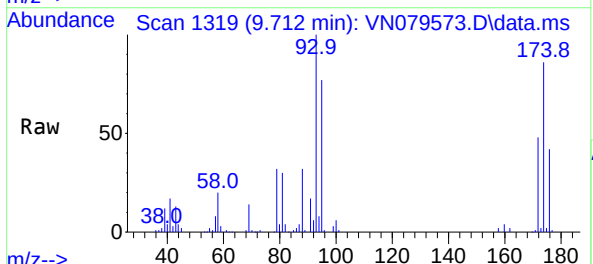
Manual Integrations
APPROVED

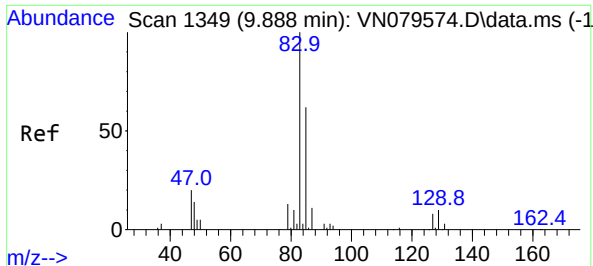
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40
Dibromomethane
Concen: 50.253 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

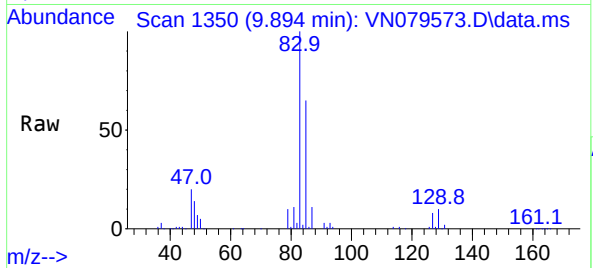
Tgt Ion: 93 Resp: 128860
Ion Ratio Lower Upper
93 100
95 83.0 0.0 166.6
174 87.9 0.0 171.0





#41
Bromodichloromethane
Concen: 50.391 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

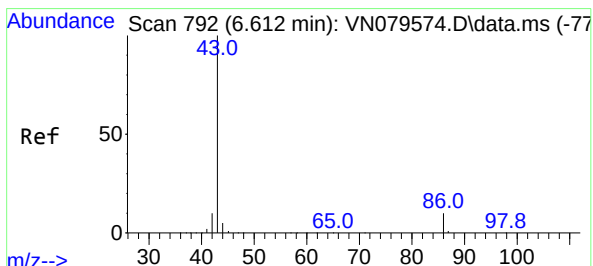
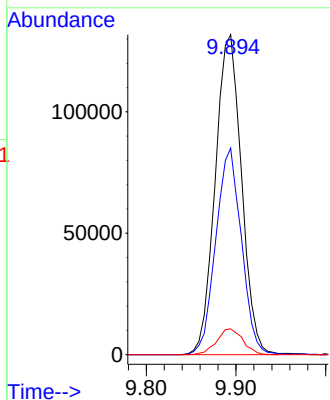
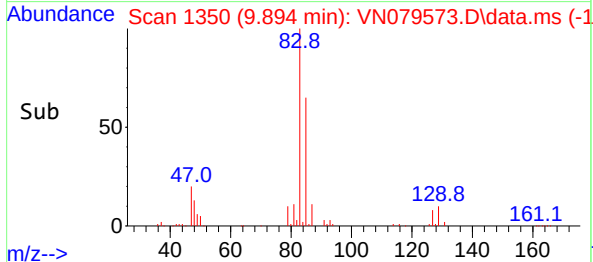
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



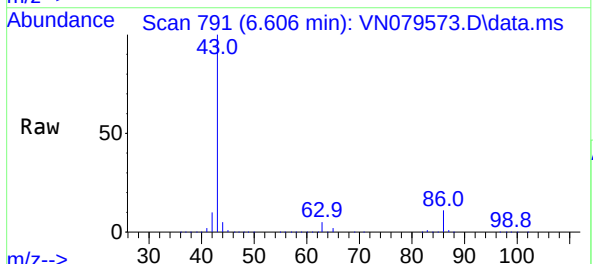
Tgt Ion: 83 Resp: 267779
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5
127 8.1 6.8 10.2

Manual Integrations
APPROVED

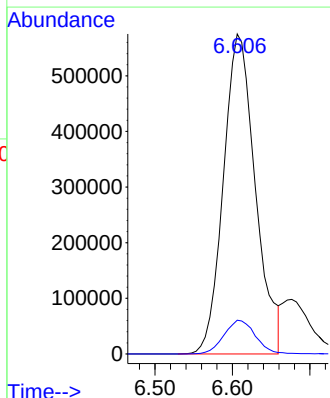
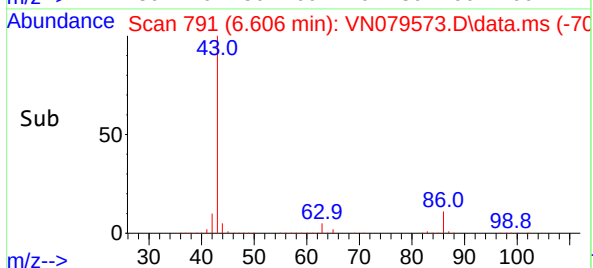
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

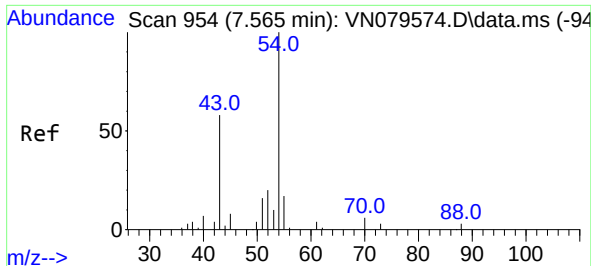


#42
Vinyl Acetate
Concen: 267.102 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



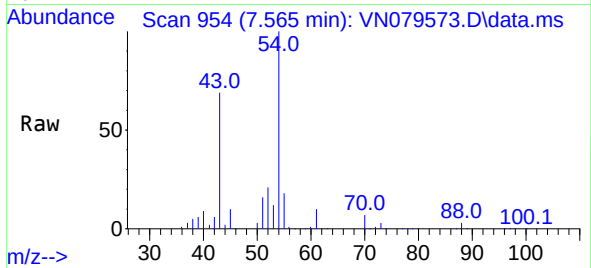
Tgt Ion: 43 Resp: 1655111
Ion Ratio Lower Upper
43 100
86 10.4 8.2 12.2





#43
Ethyl Acetate
Concen: 55.280 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

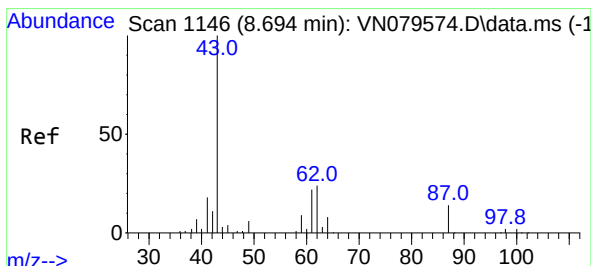
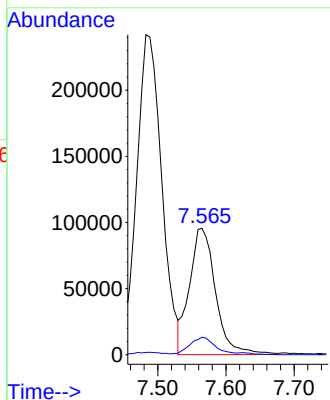
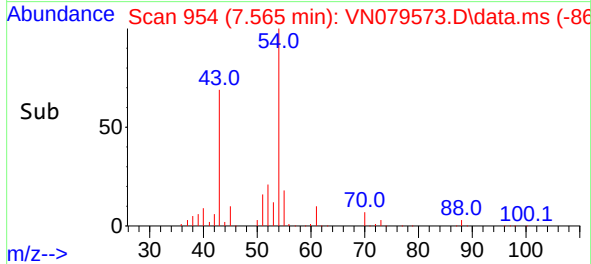
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



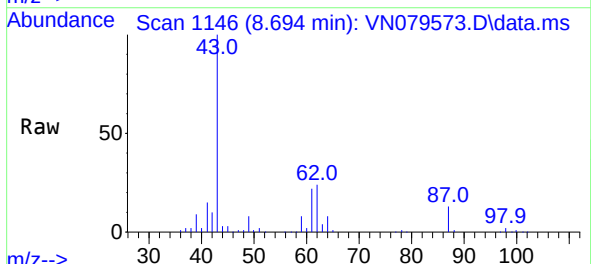
Tgt Ion: 43 Resp: 253920
Ion Ratio Lower Upper
43 100
45 13.5 11.8 17.8

Manual Integrations
APPROVED

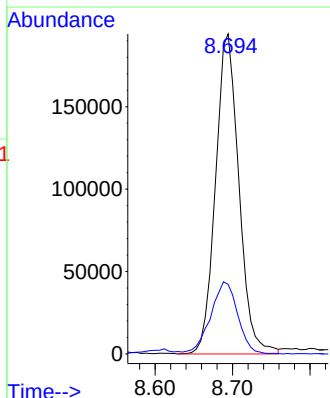
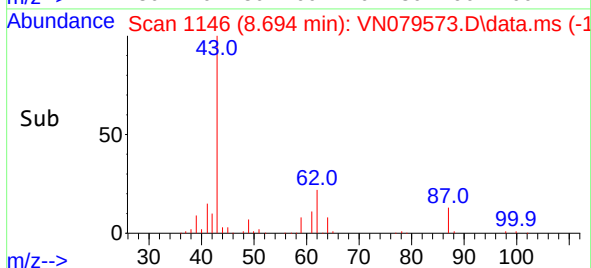
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

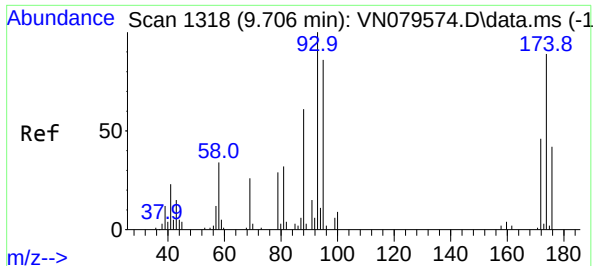


#44
Isopropyl Acetate
Concen: 49.944 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 43 Resp: 407810
Ion Ratio Lower Upper
43 100
61 26.1 20.3 30.5





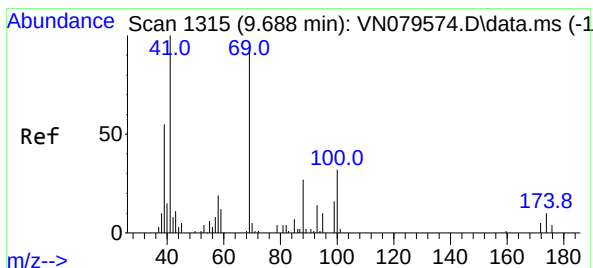
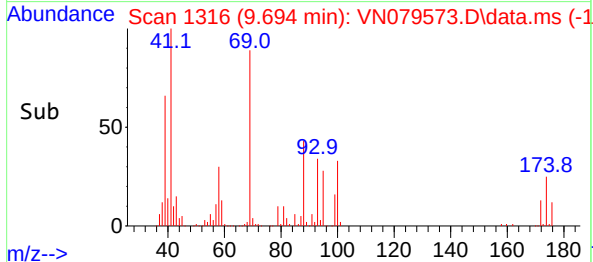
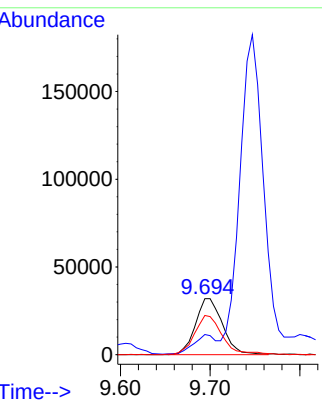
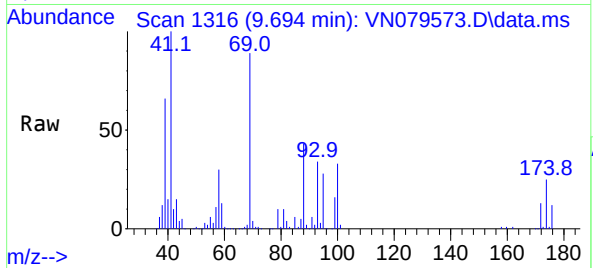
#45
1,4-Dioxane
Concen: 1045.660 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.012 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 88 Resp: 66834
Ion Ratio Lower Upper
88 100
43 27.0 28.7 43.1
58 69.2 56.9 85.3

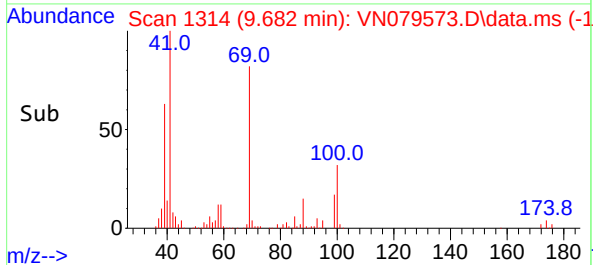
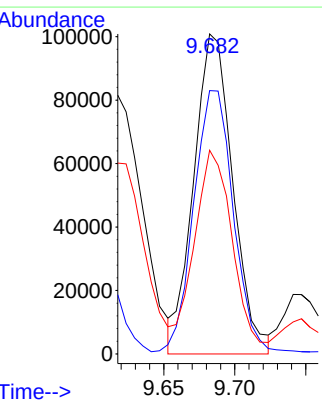
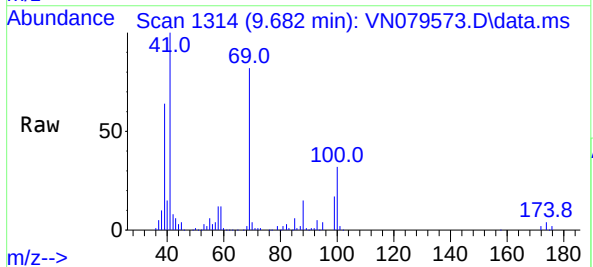
Manual Integrations
APPROVED

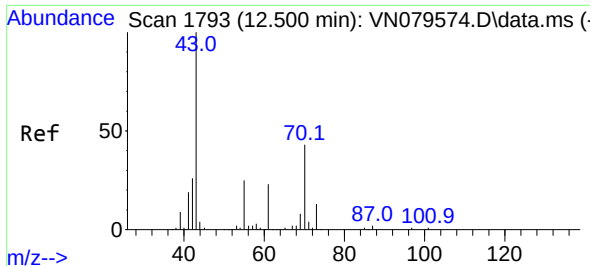
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#46
Methyl methacrylate
Concen: 53.304 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

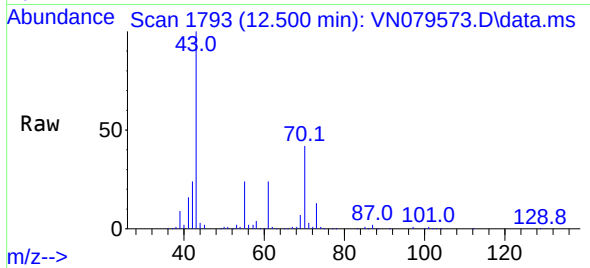
Tgt Ion: 41 Resp: 193092
Ion Ratio Lower Upper
41 100
69 85.6 40.0 119.9
39 63.8 31.1 93.3





#47
n-amy1 Acetate
Concen: 56.992 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

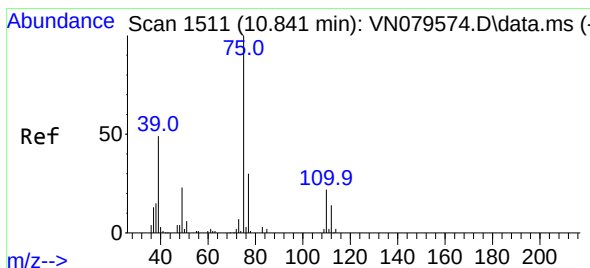
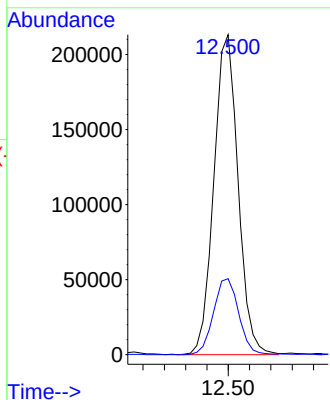
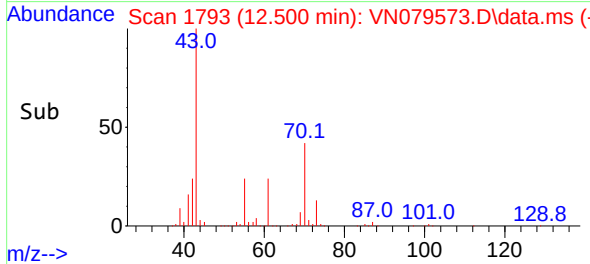
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



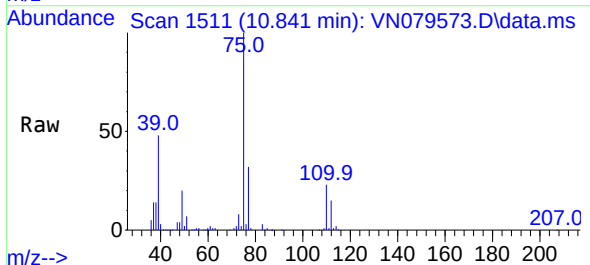
Tgt Ion: 43 Resp: 33585
Ion Ratio Lower Upper
43 100
55 24.7 20.7 31.1

Manual Integrations
APPROVED

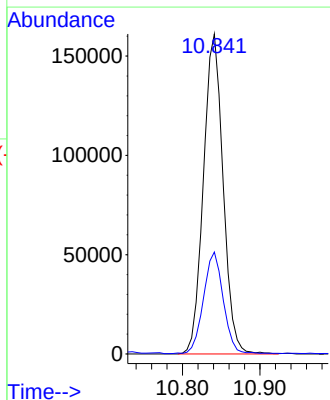
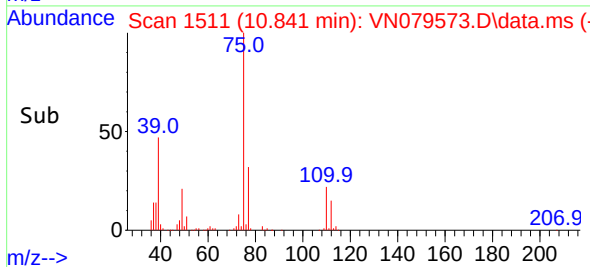
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

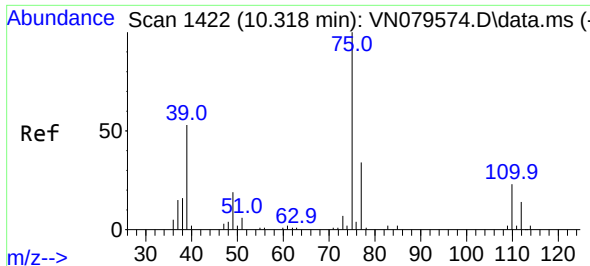


#48
t-1,3-Dichloropropene
Concen: 52.822 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



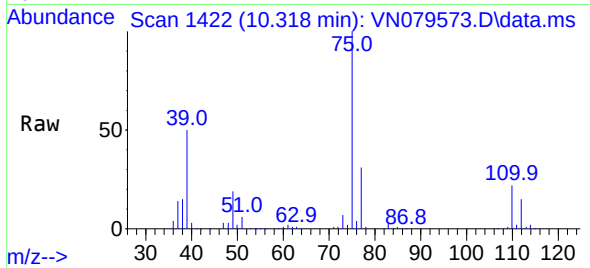
Tgt Ion: 75 Resp: 283767
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 52.959 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

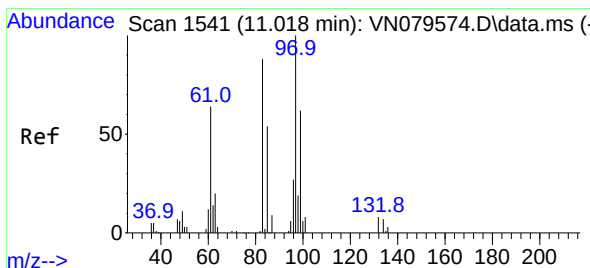
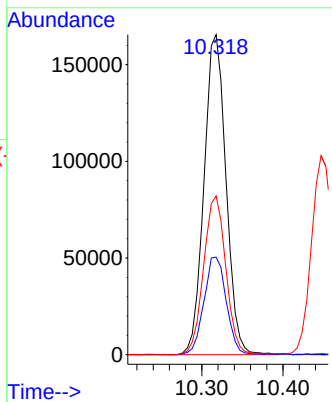
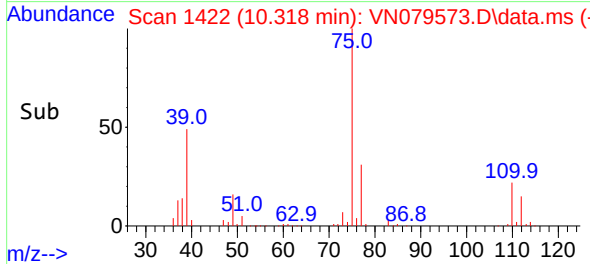
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 311100
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6
39 49.5 42.4 63.6

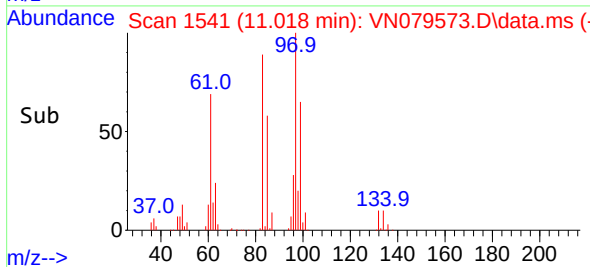
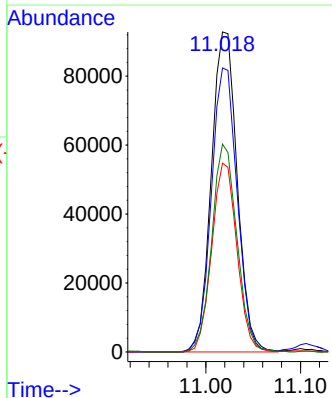
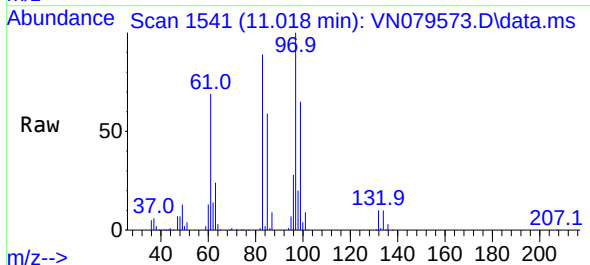
Manual Integrations
APPROVED

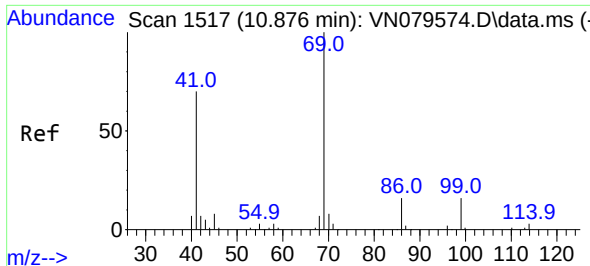
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#50
1,1,2-Trichloroethane
Concen: 49.480 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

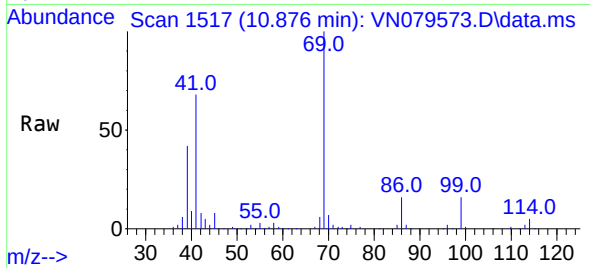
Tgt Ion: 97 Resp: 176015
Ion Ratio Lower Upper
97 100
83 88.7 68.2 102.4
85 59.0 42.9 64.3
99 65.0 44.8 67.2





#51
Ethyl methacrylate
Concen: 55.055 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

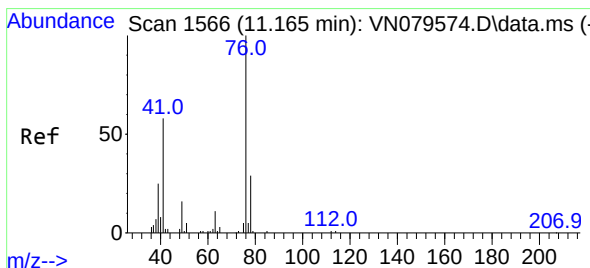
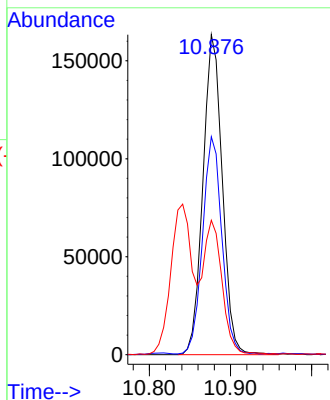
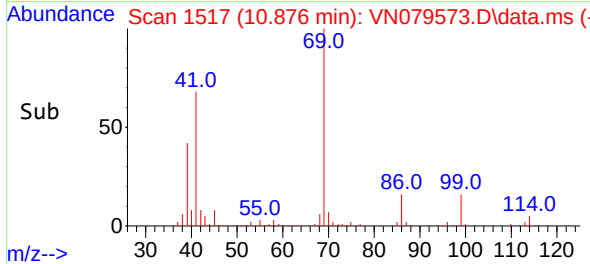
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



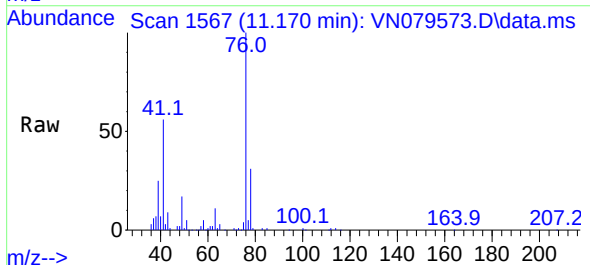
Tgt Ion: 69 Resp: 270205
Ion Ratio Lower Upper
69 100
41 67.9 33.8 101.3
39 41.8 21.3 63.9

Manual Integrations
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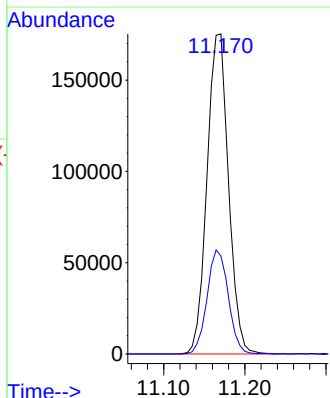
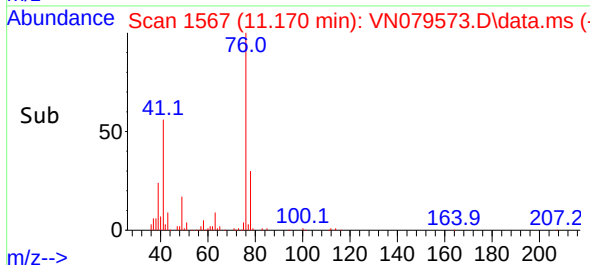
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

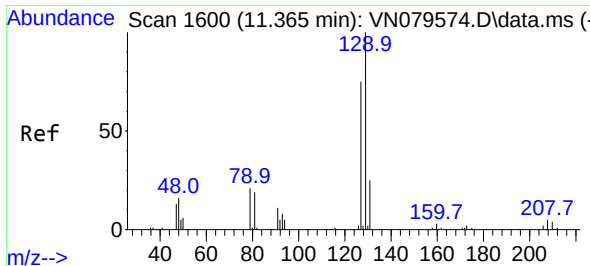


#52
1,3-Dichloropropane
Concen: 51.149 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 76 Resp: 322335
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.0





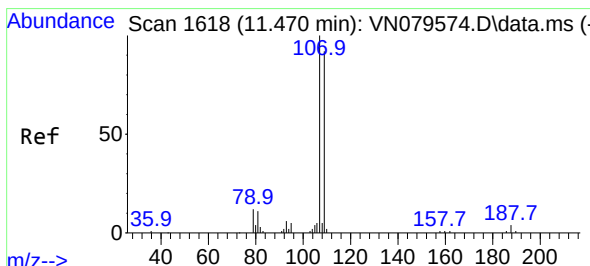
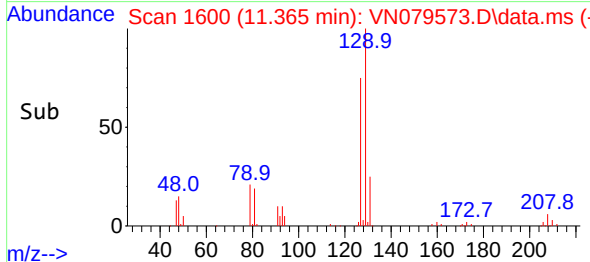
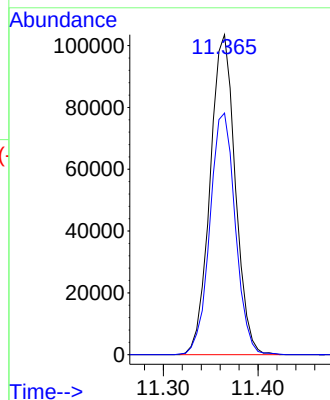
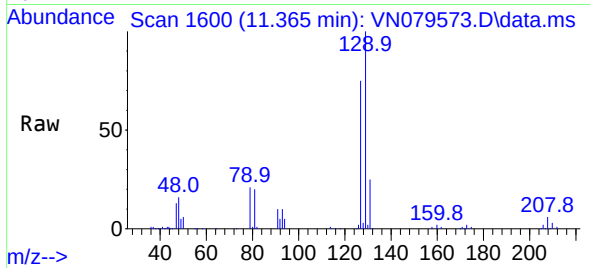
#53
Dibromochloromethane
Concen: 52.640 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 19138
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.3

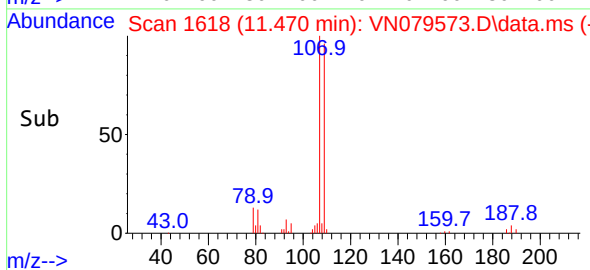
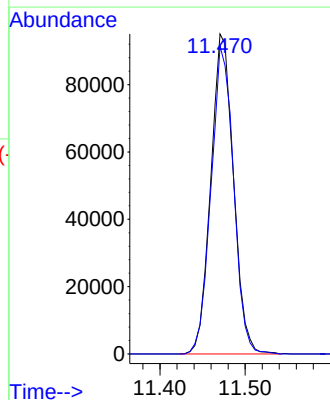
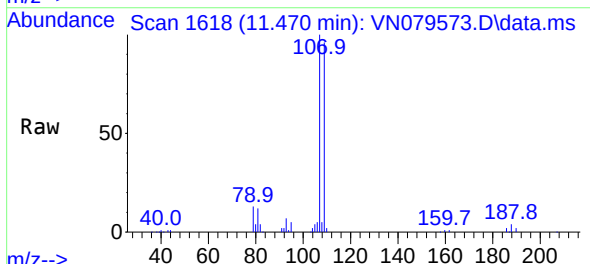
Manual Integrations
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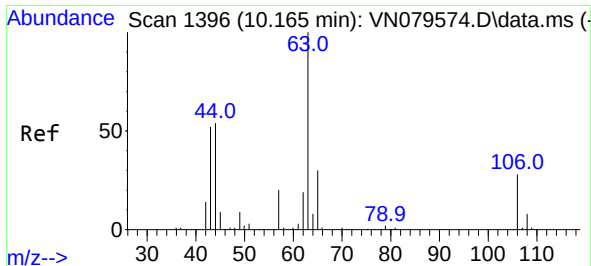
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#54
1,2-Dibromoethane
Concen: 50.042 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

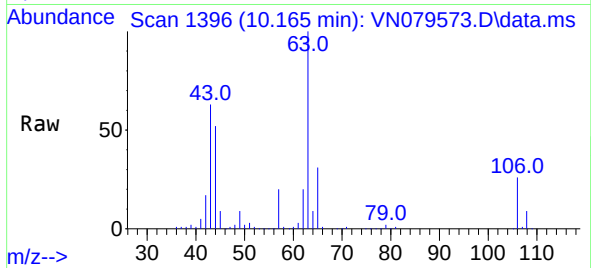
Tgt Ion:107 Resp: 175619
Ion Ratio Lower Upper
107 100
109 95.5 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 268.236 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

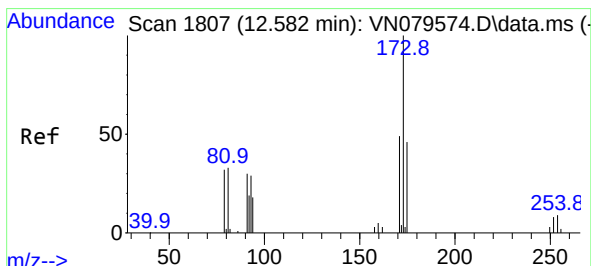
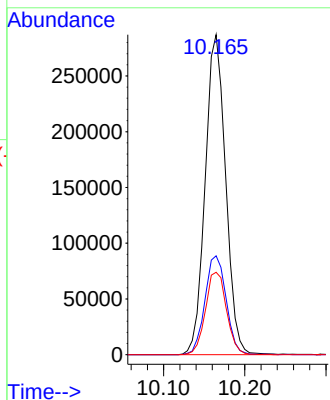
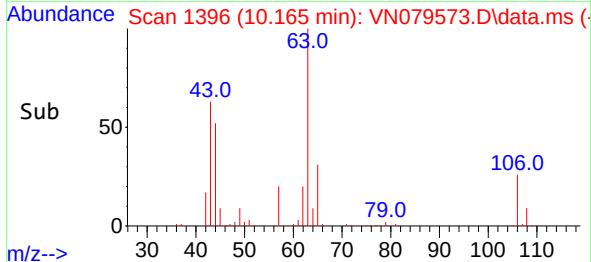
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 502279
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 26.6 20.6 30.8

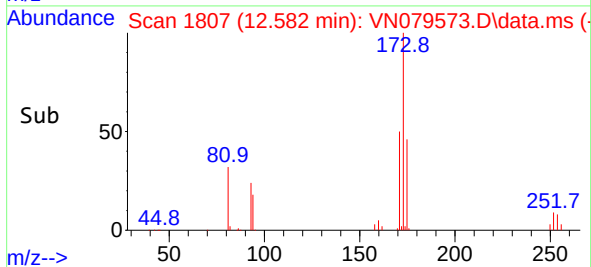
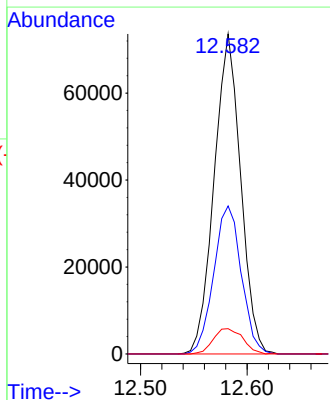
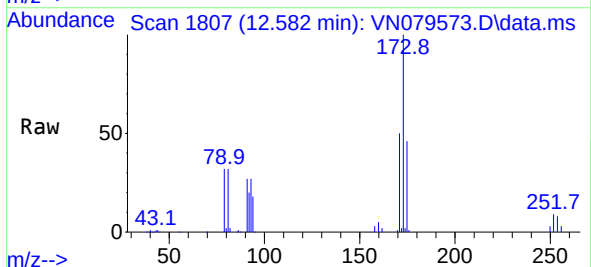
Manual Integrations
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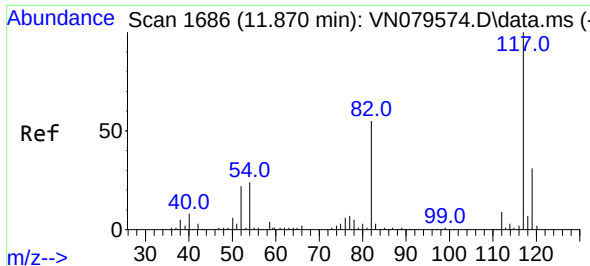
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Bromoform
Concen: 52.876 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion:173 Resp: 127173
Ion Ratio Lower Upper
173 100
175 48.1 37.9 56.9
254 8.8 7.3 10.9





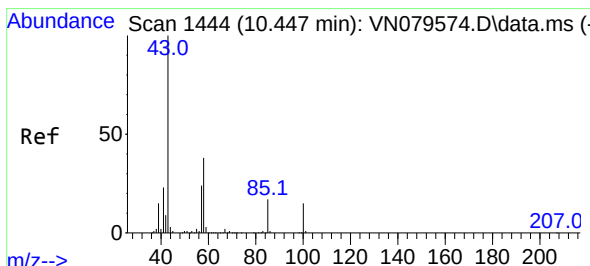
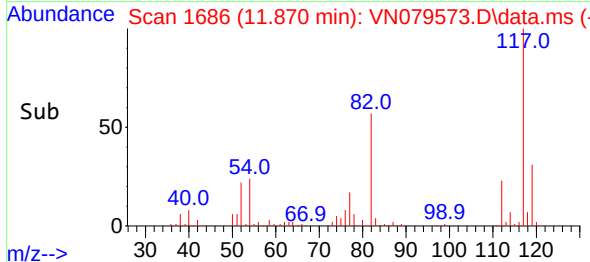
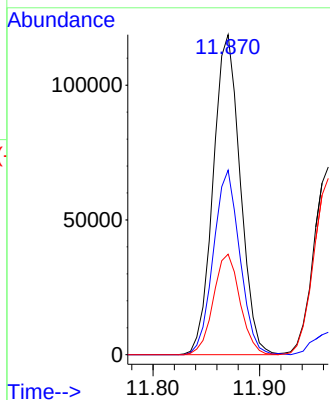
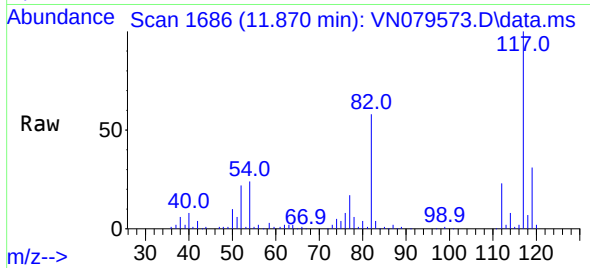
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 117 Resp: 209374
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.2
119 31.0 25.2 37.8

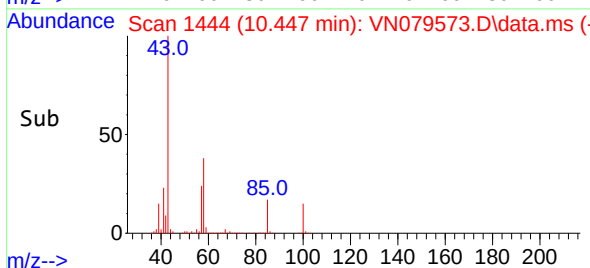
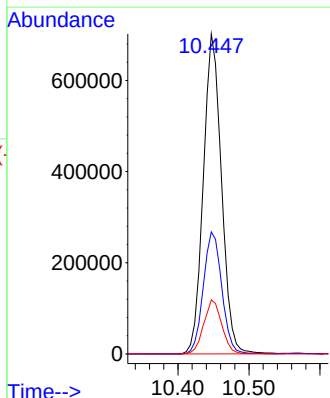
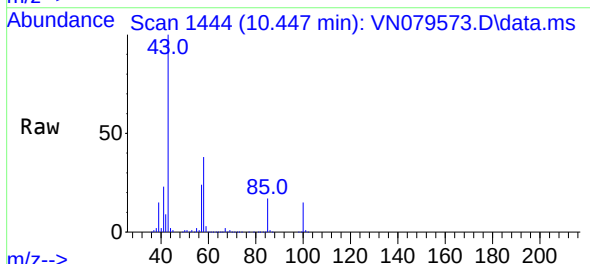
Manual Integrations
APPROVED

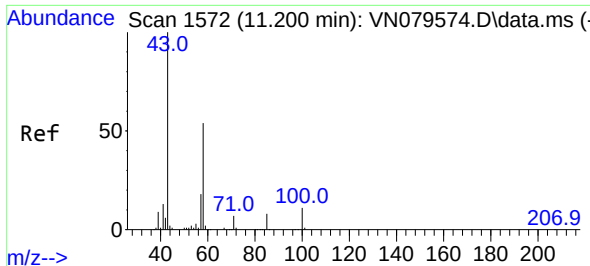
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#58
4-Methyl-2-Pentanone
Concen: 256.251 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

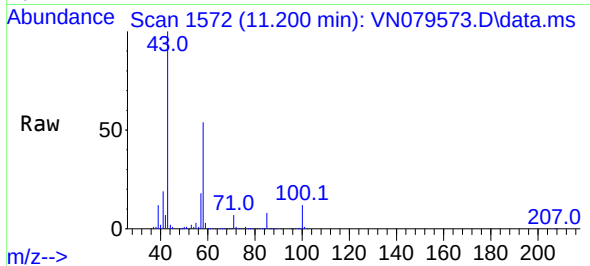
Tgt Ion: 43 Resp: 1251419
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6
85 16.8 13.2 19.8





#59
2-Hexanone
Concen: 262.173 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

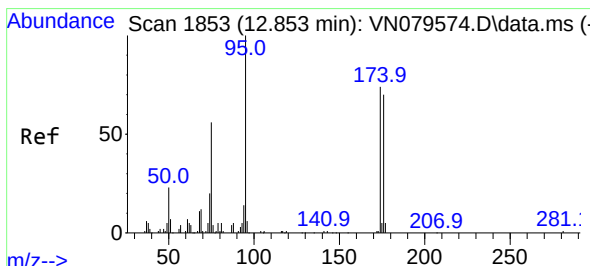
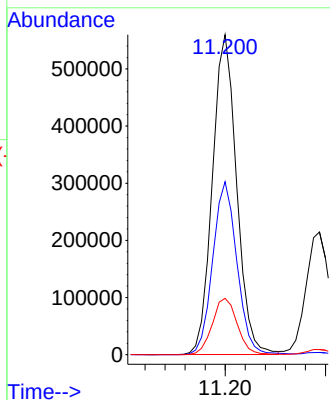
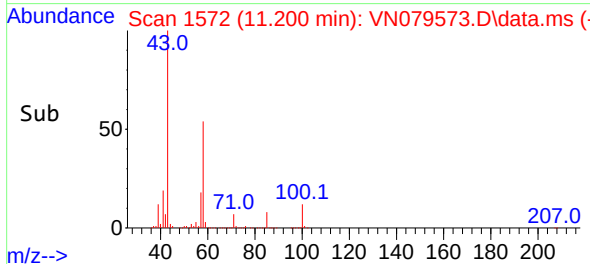
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



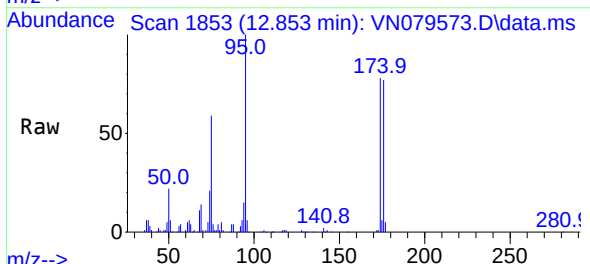
Tgt Ion: 43 Resp: 93929
Ion Ratio Lower Upper
43 100
58 53.9 42.3 63.5
57 18.2 13.9 20.9

Manual Integrations
APPROVED

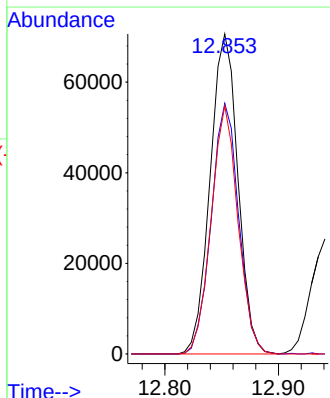
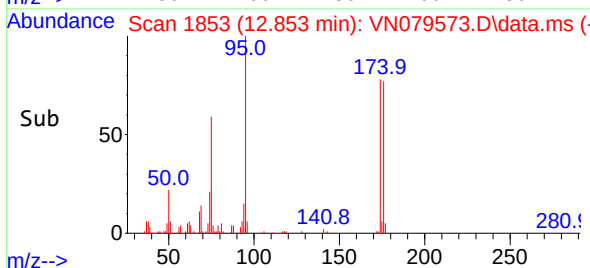
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

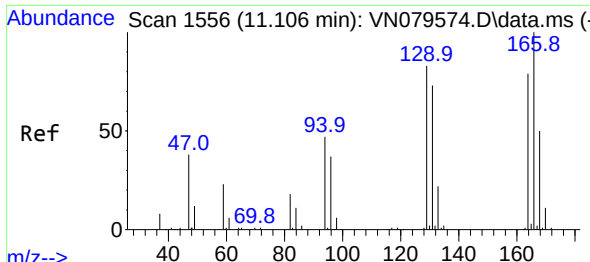


#60
4-Bromofluorobenzene
Concen: 31.355 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 95 Resp: 120054
Ion Ratio Lower Upper
95 100
174 77.2 60.5 90.7
176 74.9 57.2 85.8





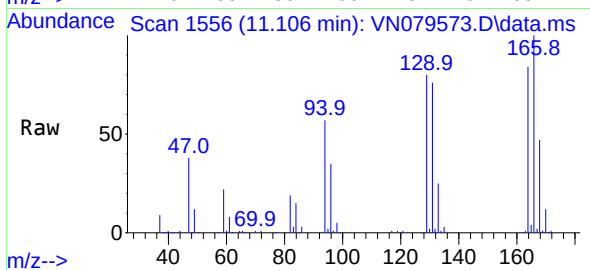
#61
Tetrachloroethene
Concen: 49.333 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



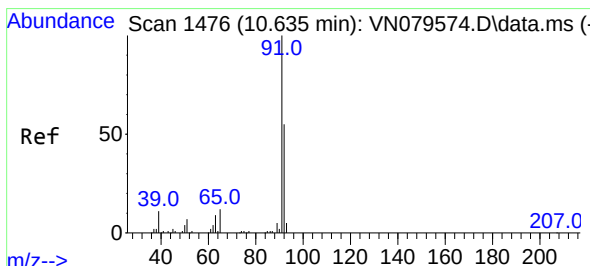
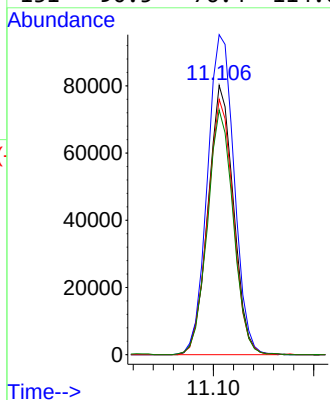
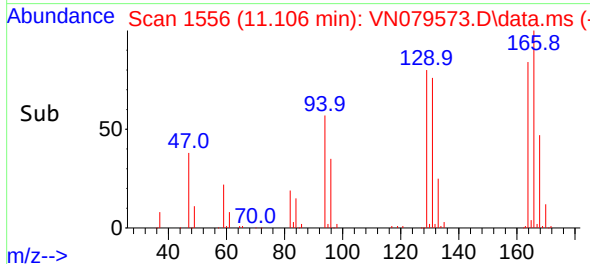
Tgt Ion:164 Resp: 141818
Ion Ratio Lower Upper
164 100
166 118.6 98.2 147.4
129 94.8 75.0 112.4
131 90.5 76.4 114.6

Manual Integrations

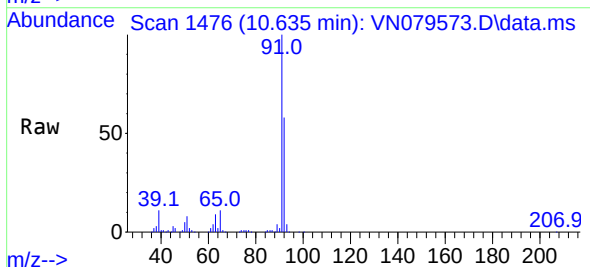
APPROVED

Reviewed By :John Carlone 10/18/2023

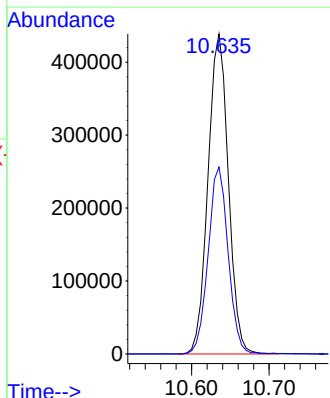
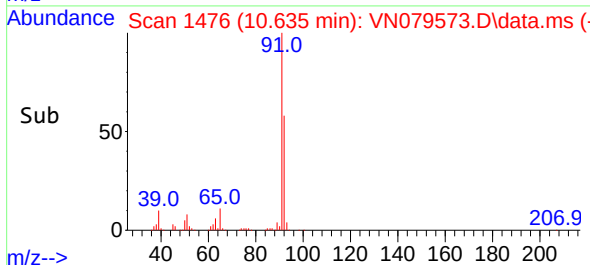
Supervised By :Mahesh Dadoda 10/20/2023

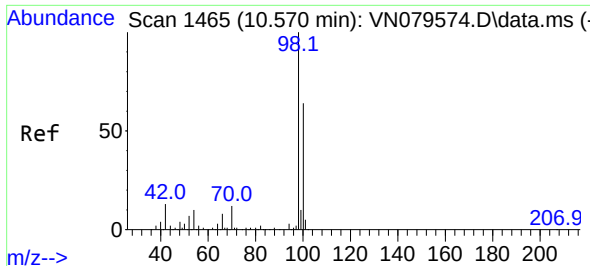


#62
Toluene
Concen: 49.997 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



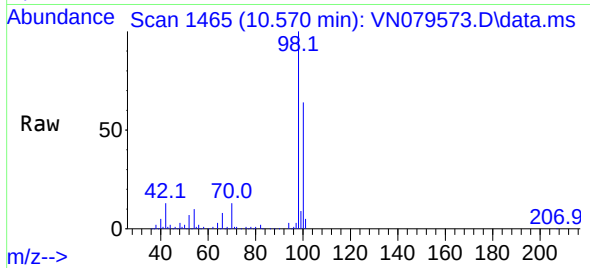
Tgt Ion: 91 Resp: 800030
Ion Ratio Lower Upper
91 100
92 57.2 45.3 67.9





#63
Toluene-d8
Concen: 29.254 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

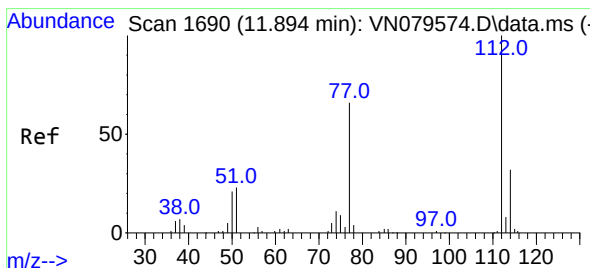
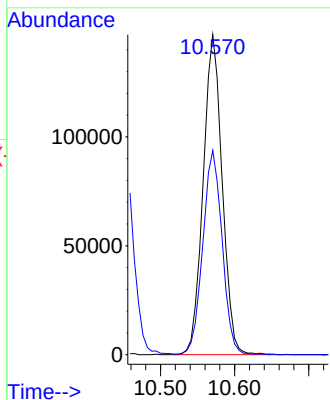
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 262463
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

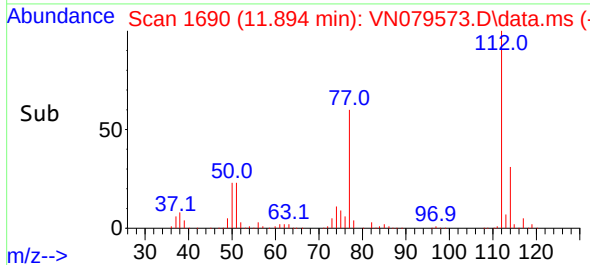
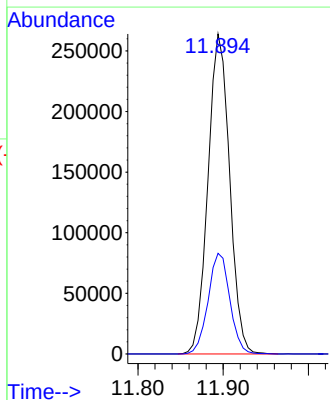
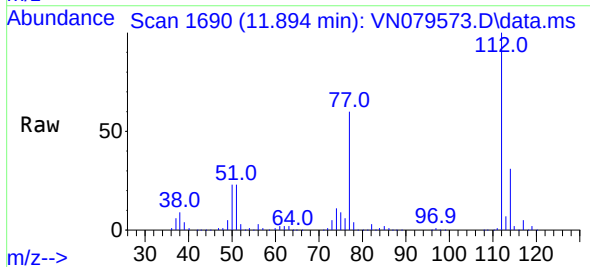
Manual Integrations
APPROVED

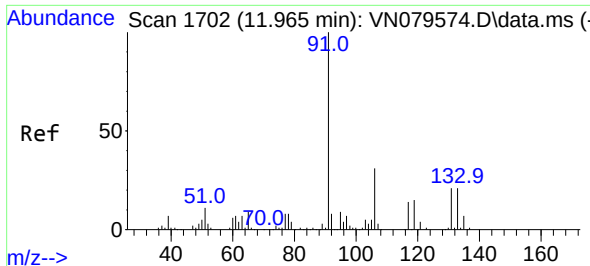
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#64
Chlorobenzene
Concen: 50.122 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

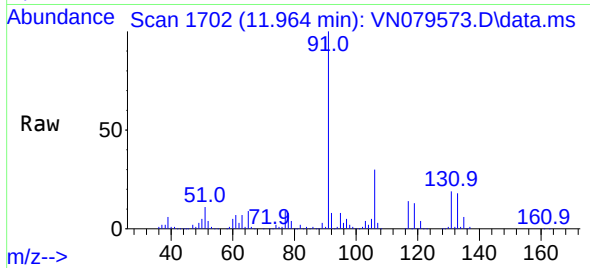
Tgt Ion:112 Resp: 465168
Ion Ratio Lower Upper
112 100
114 31.4 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 50.311 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

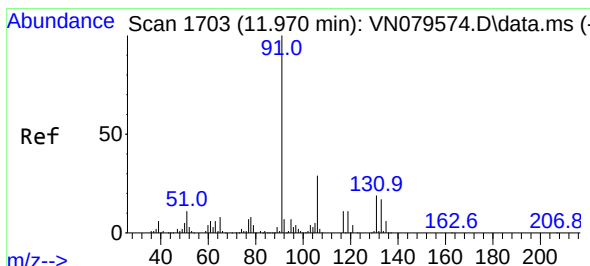
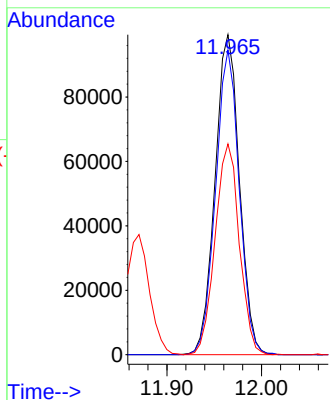
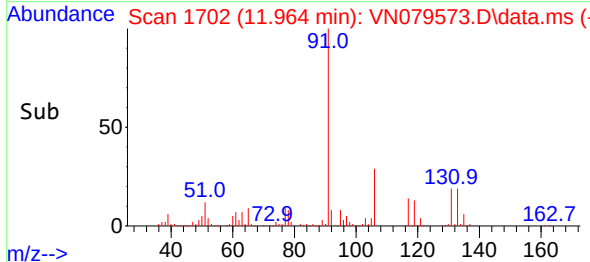
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



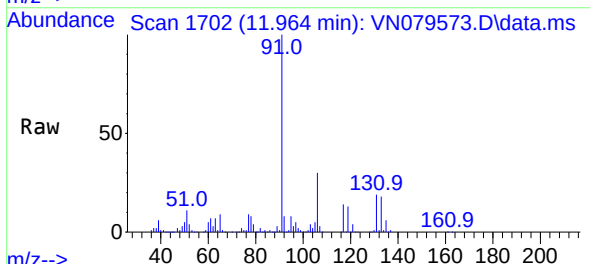
Tgt Ion:131 Resp: 177864
Ion Ratio Lower Upper
131 100
133 92.5 0.0 196.0
119 65.4 0.0 135.6

Manual Integrations
APPROVED

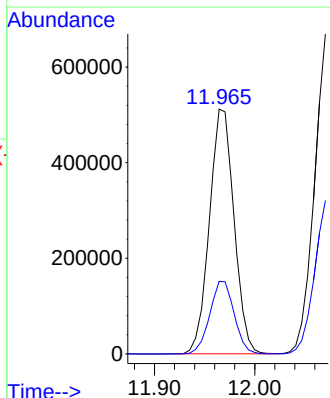
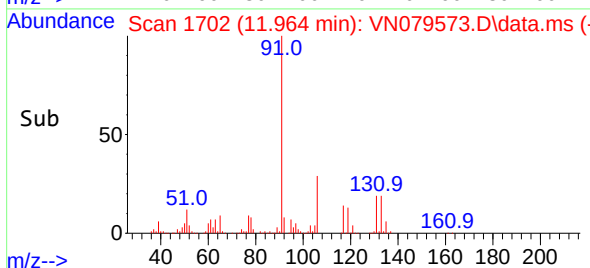
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

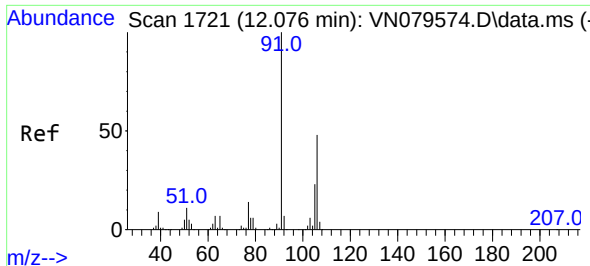


#66
Ethyl Benzene
Concen: 52.971 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 91 Resp: 873328
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8





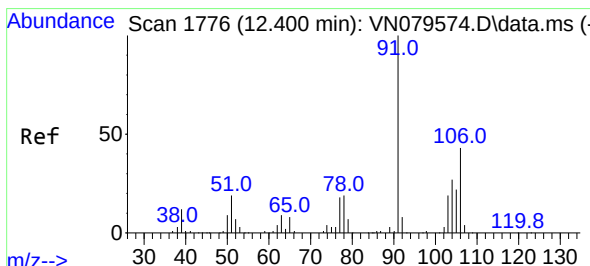
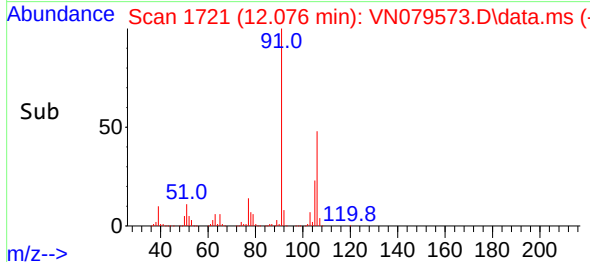
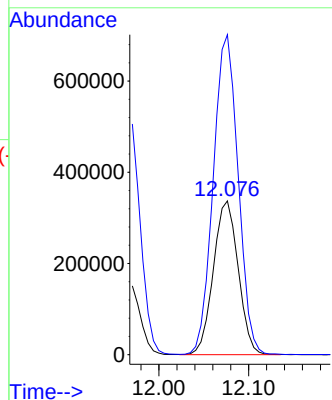
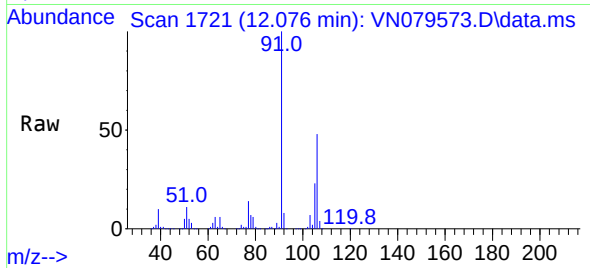
#67
m/p-Xylenes
Concen: 106.148 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 647288
Ion Ratio Lower Upper
106 100
91 208.6 161.8 242.6

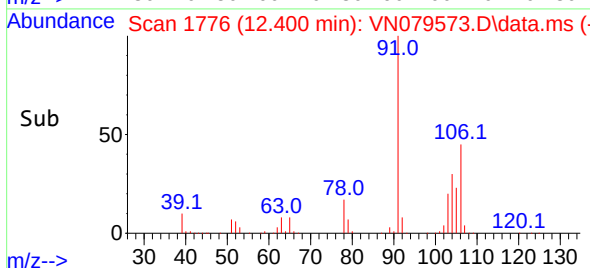
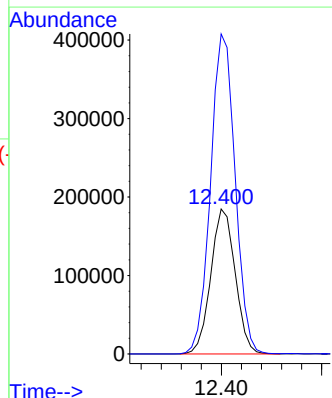
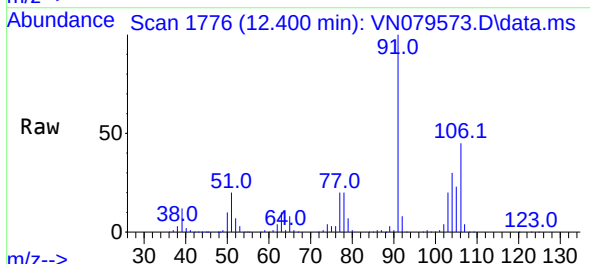
Manual Integrations
APPROVED

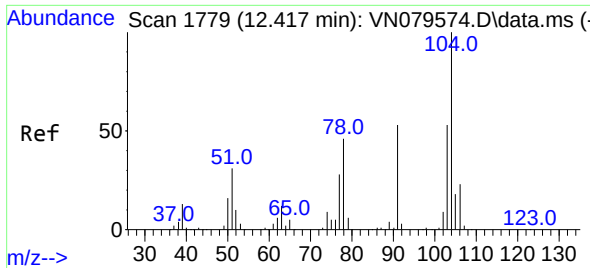
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#68
o-Xylene
Concen: 53.603 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion:106 Resp: 312482
Ion Ratio Lower Upper
106 100
91 222.1 109.9 329.7





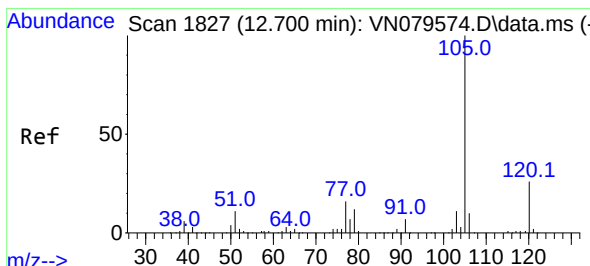
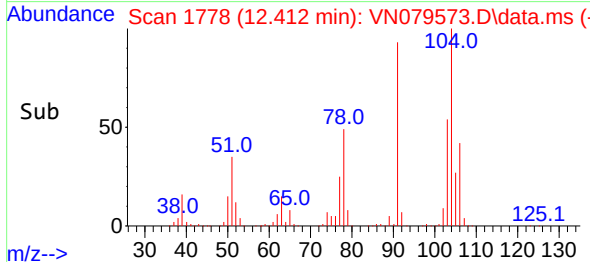
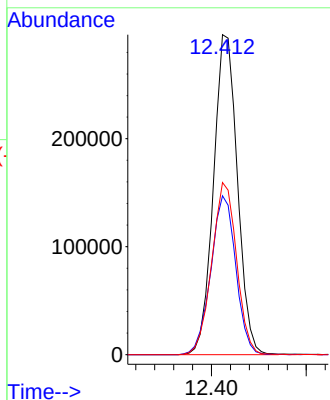
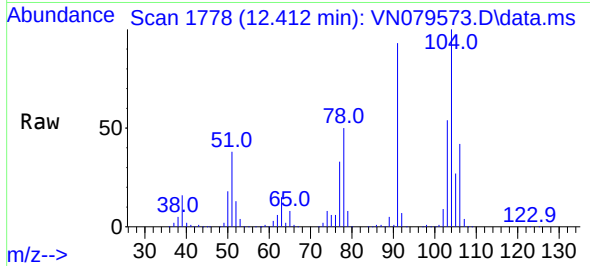
#69
Styrene
Concen: 56.266 ug/l
RT: 12.412 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:104 Resp: 52071
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 55.7 43.1 64.7

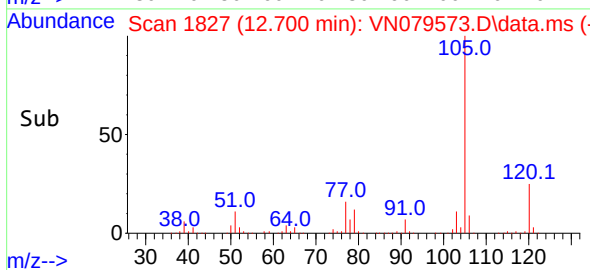
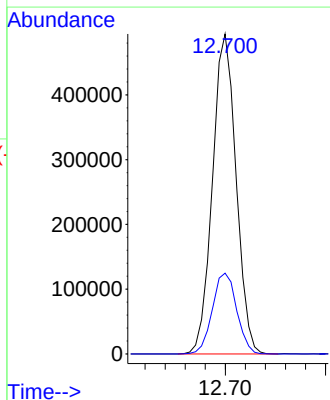
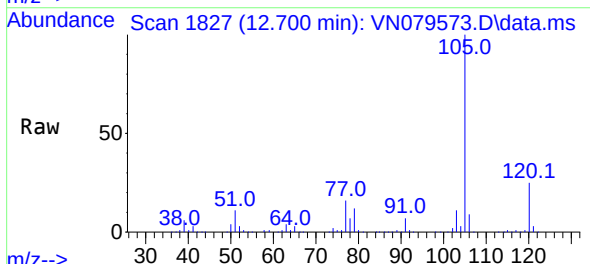
Manual Integrations
APPROVED

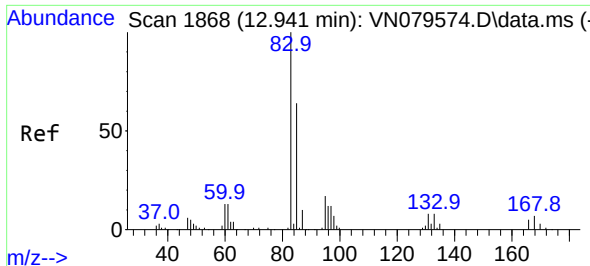
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Isopropylbenzene
Concen: 53.917 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

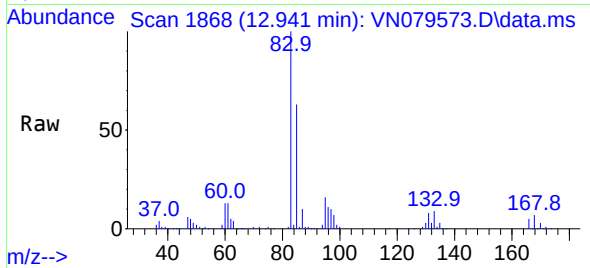
Tgt Ion:105 Resp: 806626
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 50.191 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

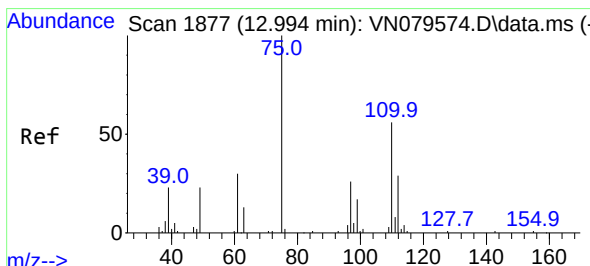
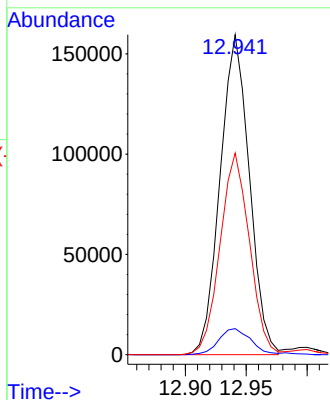
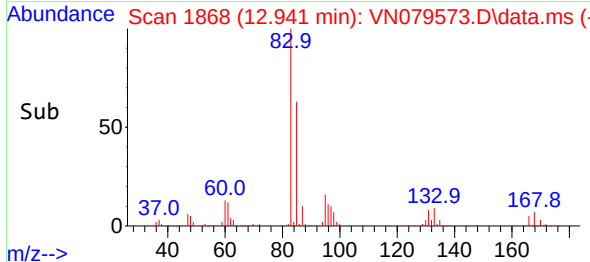
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



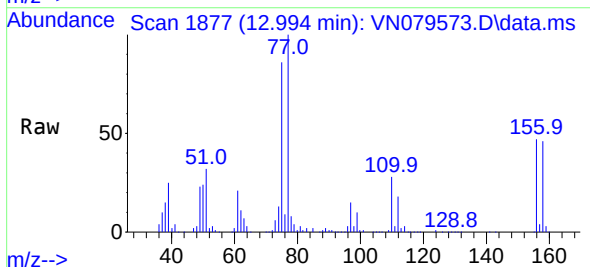
Tgt Ion: 83 Resp: 26699
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.4
85 63.1 32.1 96.3

Manual Integrations
APPROVED

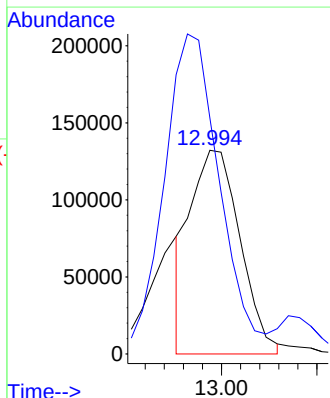
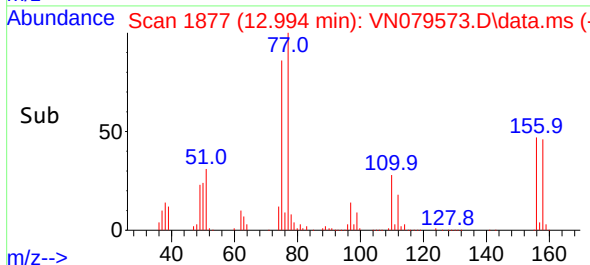
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

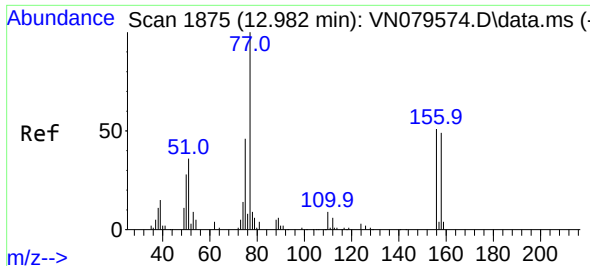


#72
1,2,3-Trichloropropane
Concen: 46.692 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



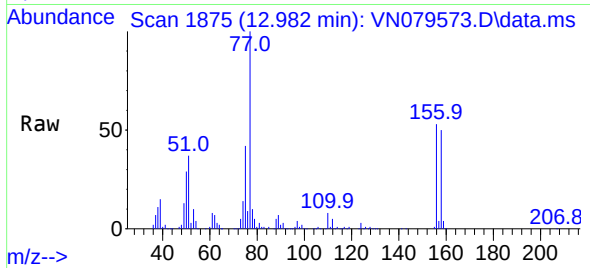
Tgt Ion: 75 Resp: 239307
Ion Ratio Lower Upper
75 100
77 175.7 0.0 338.2





#73
Bromobenzene
Concen: 52.418 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

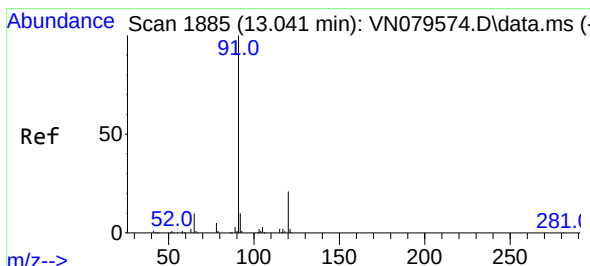
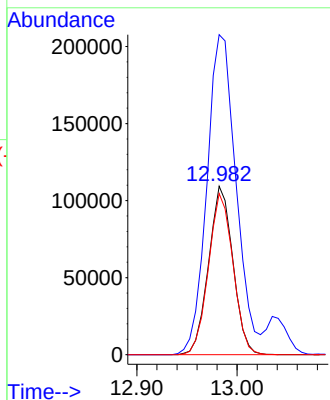
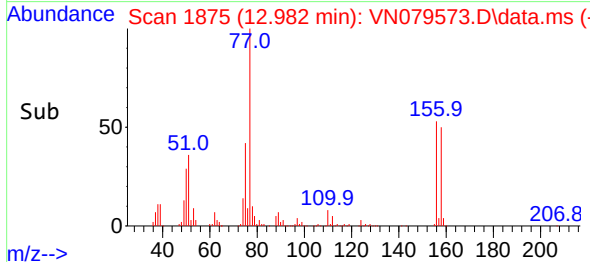
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



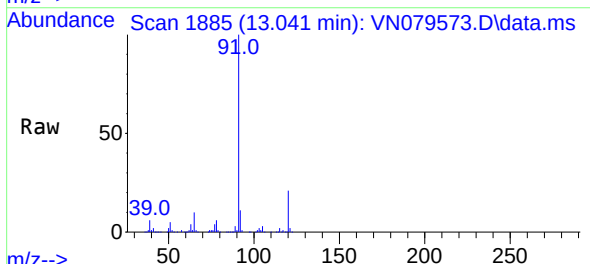
Tgt Ion:156 Resp: 184218
Ion Ratio Lower Upper
156 100
77 228.3 0.0 448.2
158 96.4 0.0 194.8

Manual Integrations
APPROVED

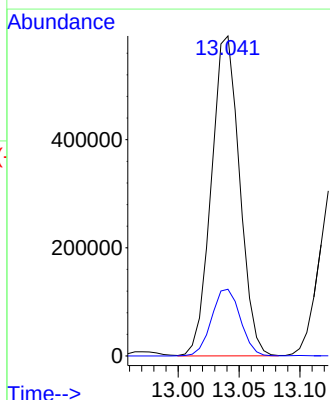
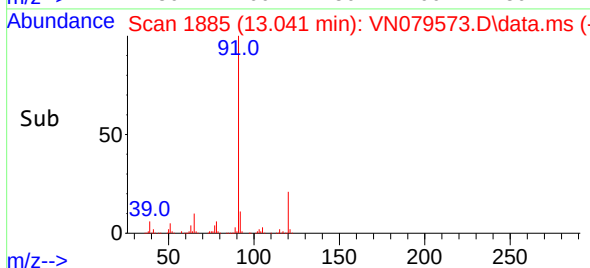
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

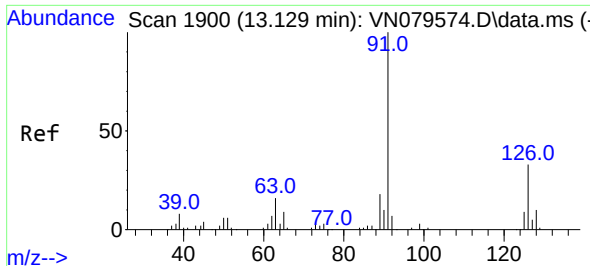


#74
n-propylbenzene
Concen: 54.914 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 91 Resp: 956440
Ion Ratio Lower Upper
91 100
120 21.3 0.0 42.0





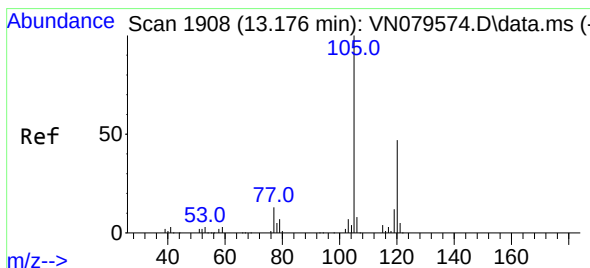
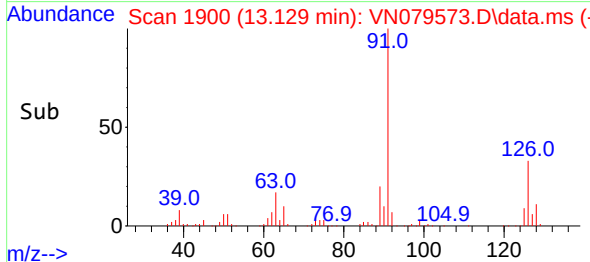
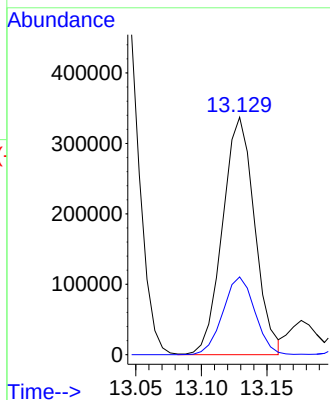
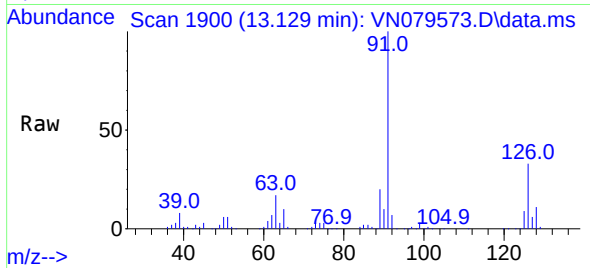
#75
2-Chlorotoluene
Concen: 53.190 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 57594
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.6

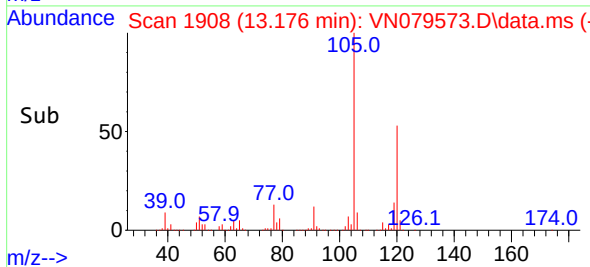
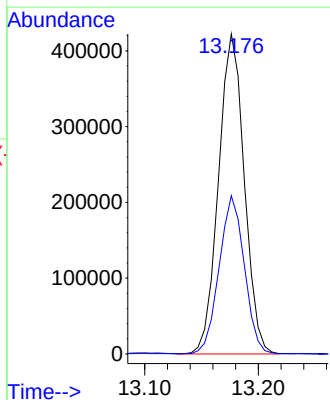
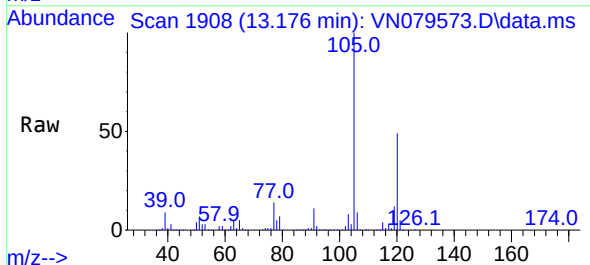
Manual Integrations
APPROVED

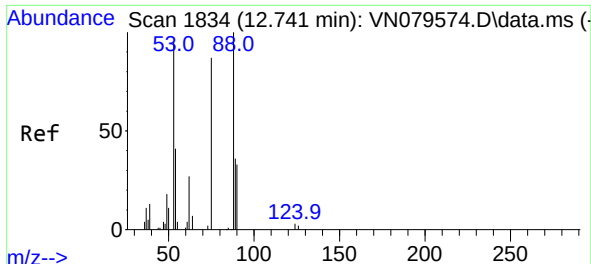
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,3,5-Trimethylbenzene
Concen: 54.400 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

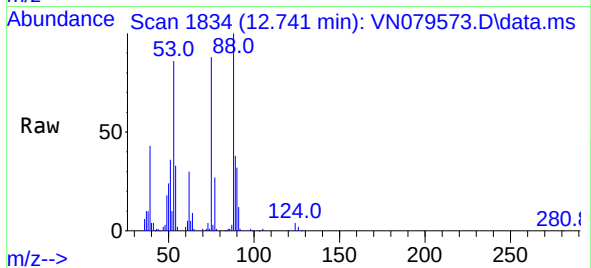
Tgt Ion:105 Resp: 665303
Ion Ratio Lower Upper
105 100
120 48.4 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 55.469 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

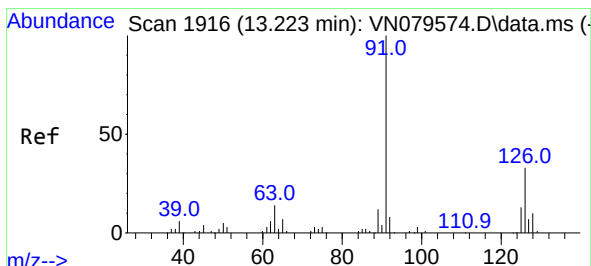
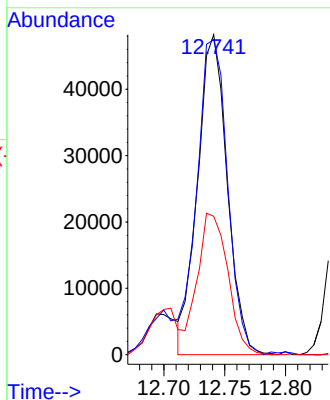
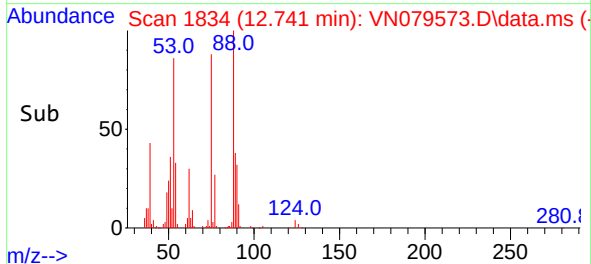
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



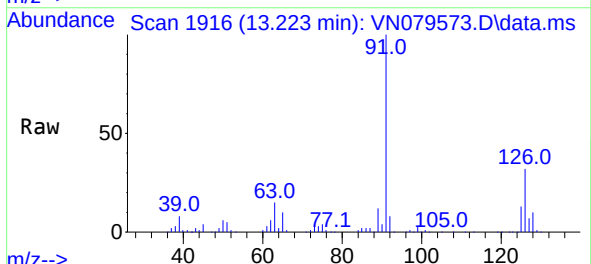
Tgt Ion: 75 Resp: 8178
Ion Ratio Lower Upper
75 100
53 97.9 53.0 159.1
89 43.2 22.6 67.7

Manual Integrations
APPROVED

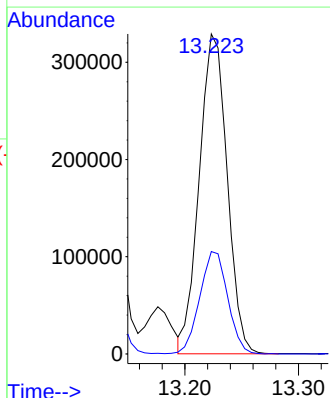
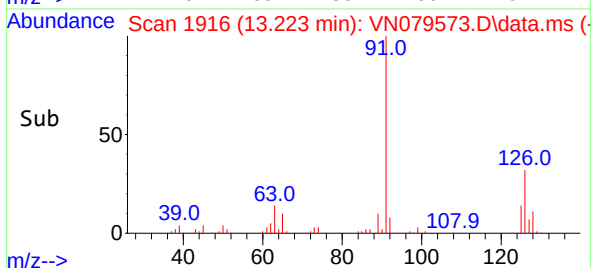
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

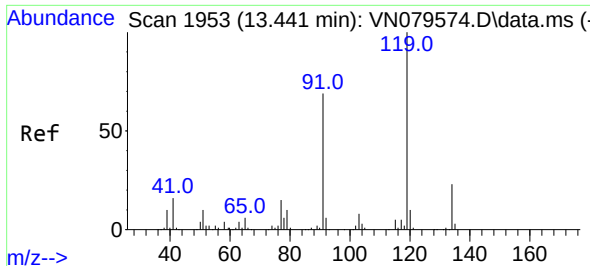


#78
4-Chlorotoluene
Concen: 54.877 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion: 91 Resp: 561423
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.4





#79
tert-butylbenzene
Concen: 54.287 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

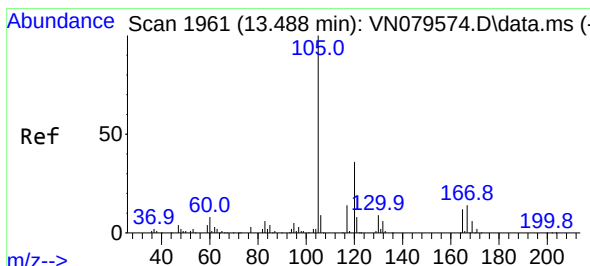
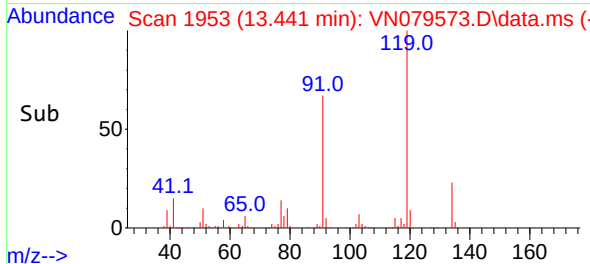
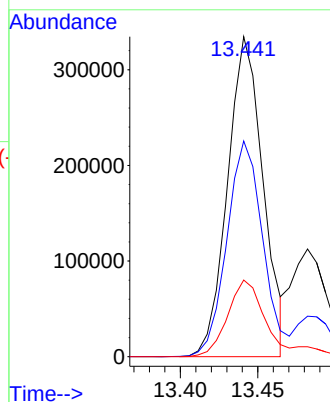
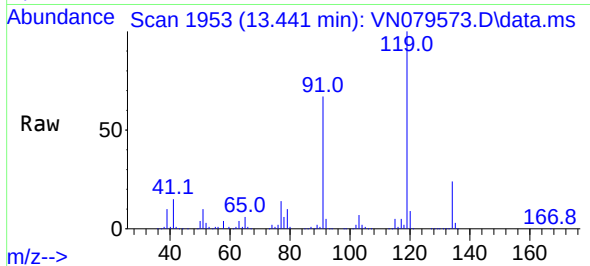
VSTDIC050

Tgt Ion:119 Resp: 53380
Ion Ratio Lower Upper
119 100
91 68.2 0.0 140.6
134 24.4 0.0 49.8

Manual Integrations

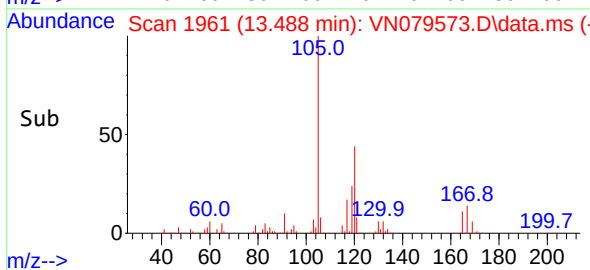
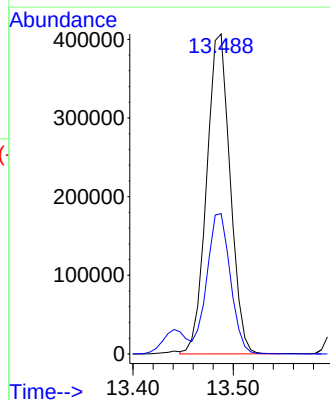
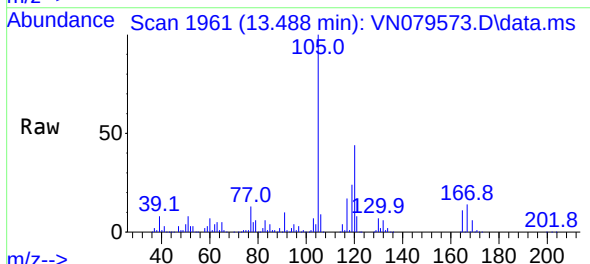
APPROVED

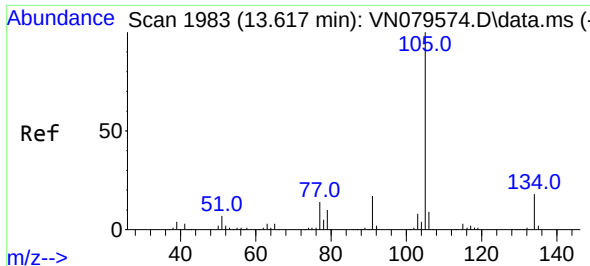
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,2,4-Trimethylbenzene
Concen: 55.906 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

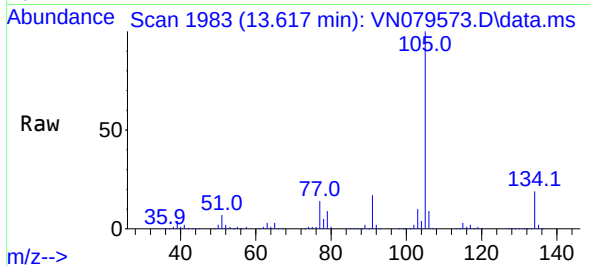
Tgt Ion:105 Resp: 662510
Ion Ratio Lower Upper
105 100
120 43.8 0.0 88.6





#81
sec-Butylbenzene
Concen: 55.516 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

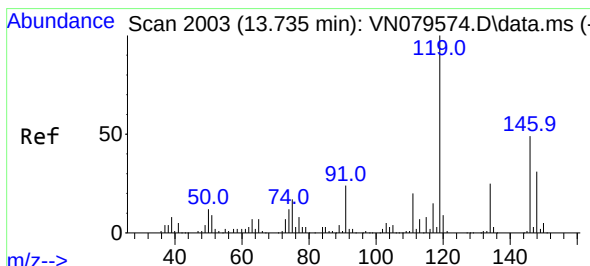
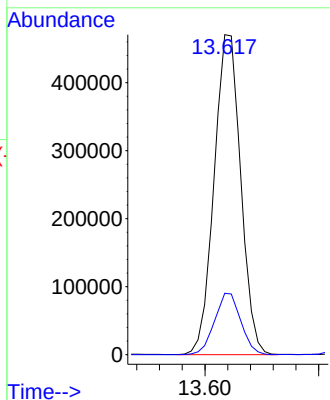
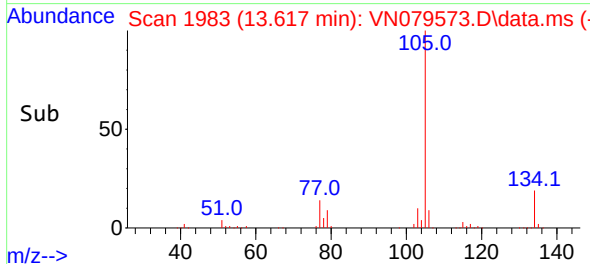
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



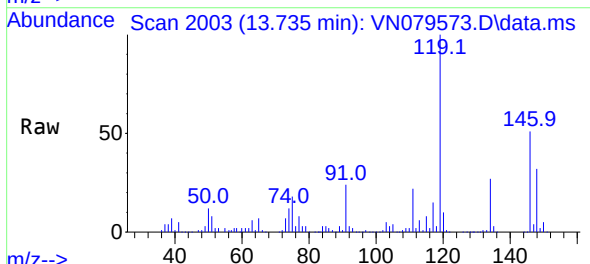
Tgt Ion:105 Resp: 766350
Ion Ratio Lower Upper
105 100
134 18.9 0.0 38.2

Manual Integrations
APPROVED

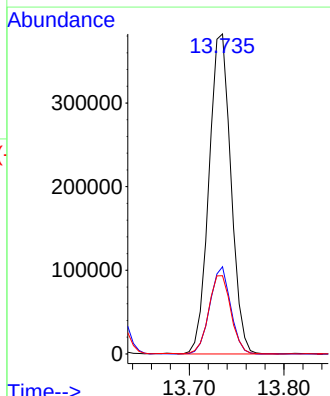
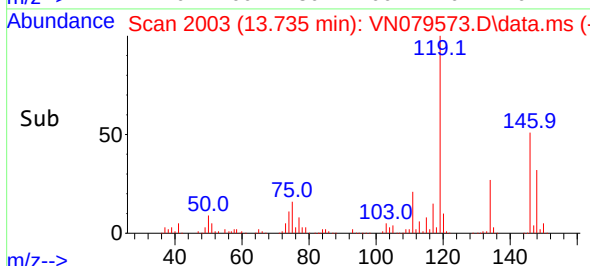
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

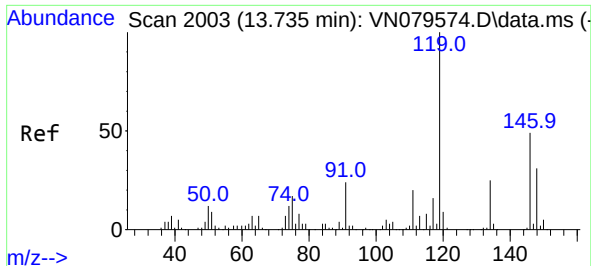


#82
p-Isopropyltoluene
Concen: 56.288 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



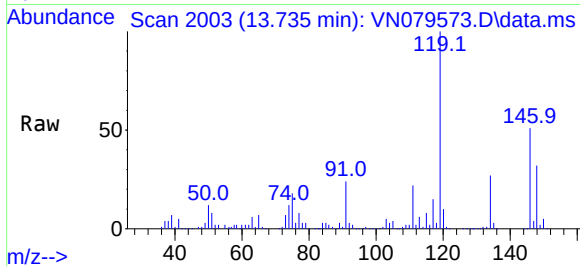
Tgt Ion:119 Resp: 616354
Ion Ratio Lower Upper
119 100
134 25.8 0.0 52.2
91 24.8 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 56.501 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

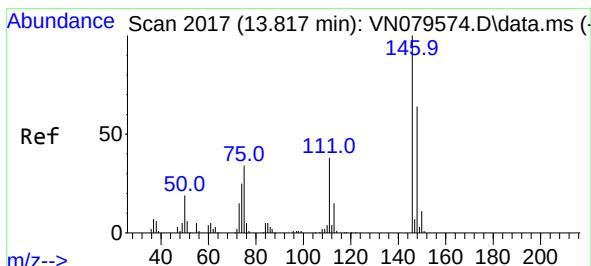
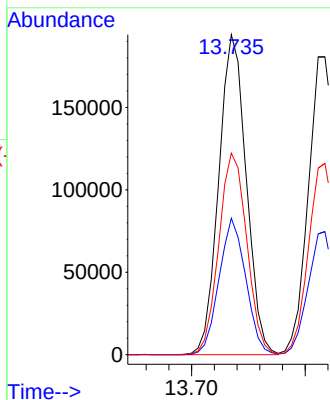
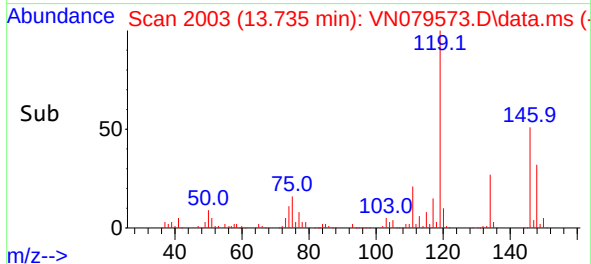
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



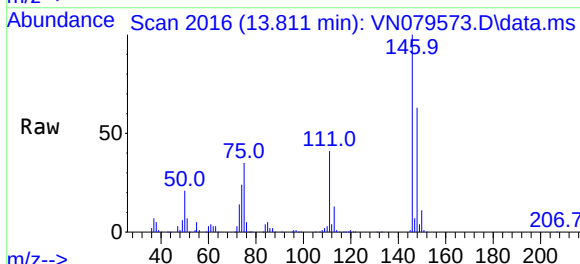
Tgt Ion:146 Resp: 32651
Ion Ratio Lower Upper
146 100
111 41.4 21.0 63.0
148 64.1 32.4 97.0

Manual Integrations
APPROVED

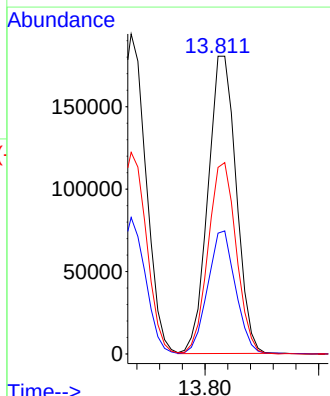
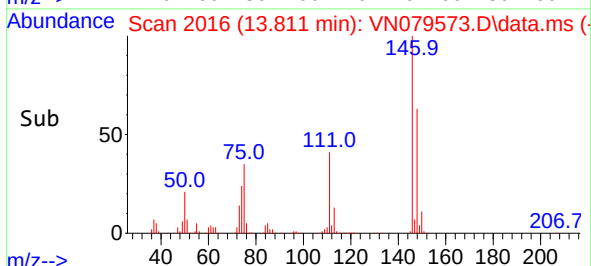
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

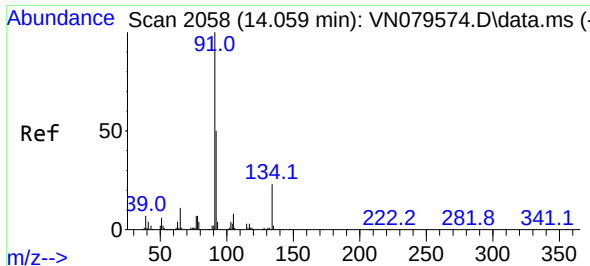


#84
1,4-Dichlorobenzene
Concen: 56.295 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



Tgt Ion:146 Resp: 311884
Ion Ratio Lower Upper
146 100
111 40.3 19.9 59.7
148 64.1 32.6 97.7





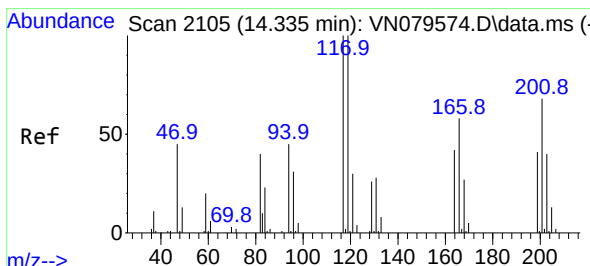
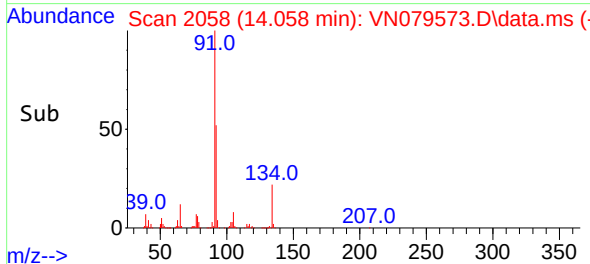
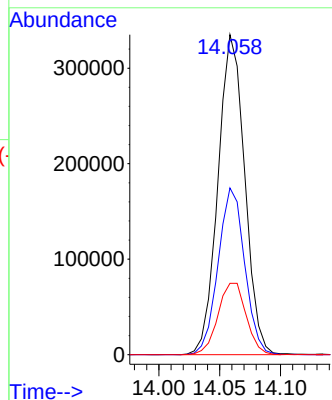
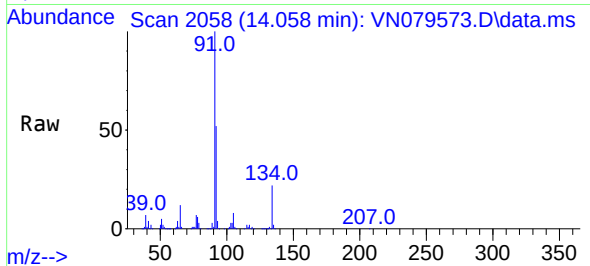
#85
n-Butylbenzene
Concen: 59.867 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 512184
Ion Ratio Lower Upper
91 100
92 51.8 0.0 99.6
134 23.6 0.0 46.2

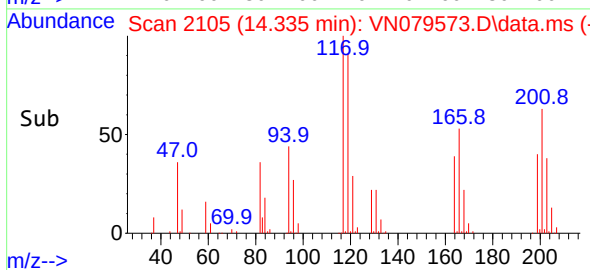
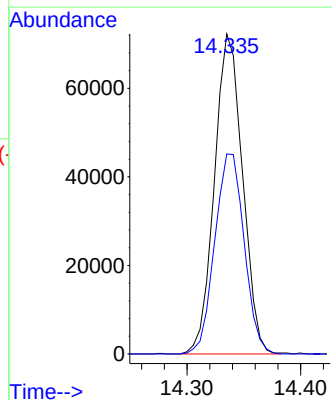
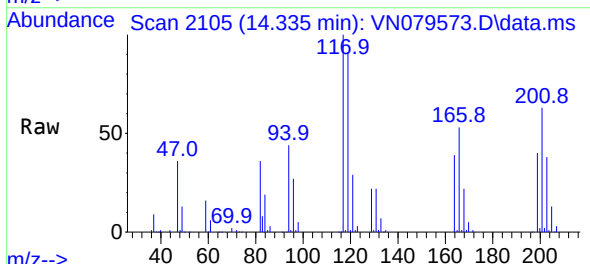
Manual Integrations
APPROVED

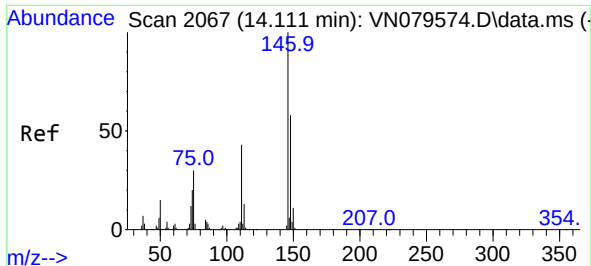
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#86
Hexachloroethane
Concen: 52.564 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

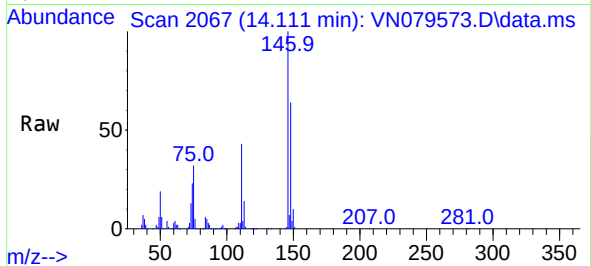
Tgt Ion:117 Resp: 124432
Ion Ratio Lower Upper
117 100
201 65.3 32.5 97.5





#87
1,2-Dichlorobenzene
Concen: 55.482 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

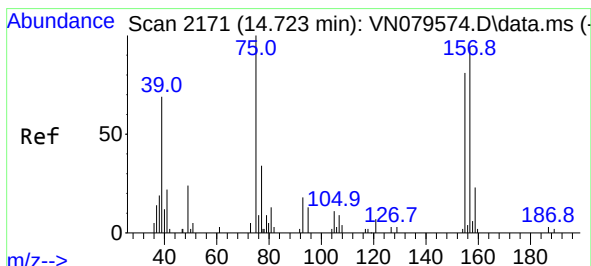
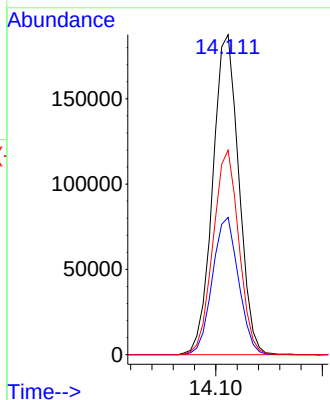
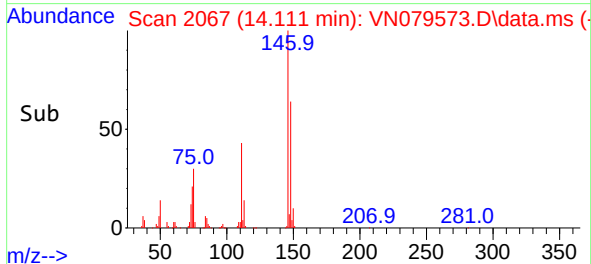
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



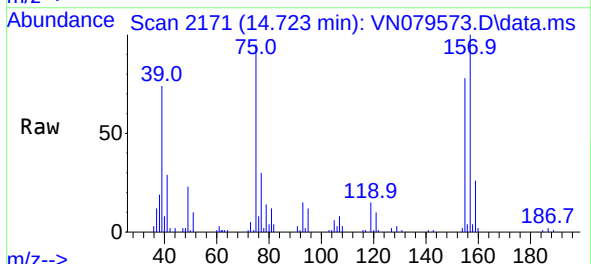
Tgt Ion:146 Resp: 31869
Ion Ratio Lower Upper
146 100
111 43.0 22.0 66.0
148 63.3 31.1 93.5

Manual Integrations
APPROVED

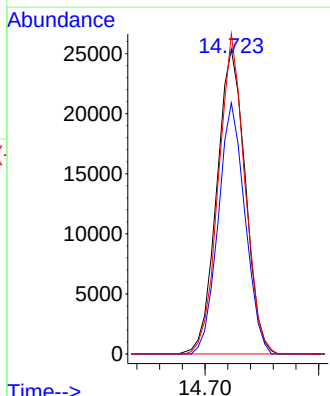
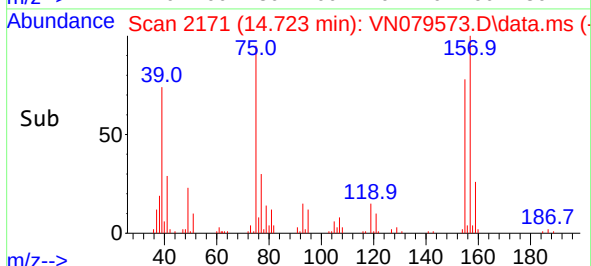
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

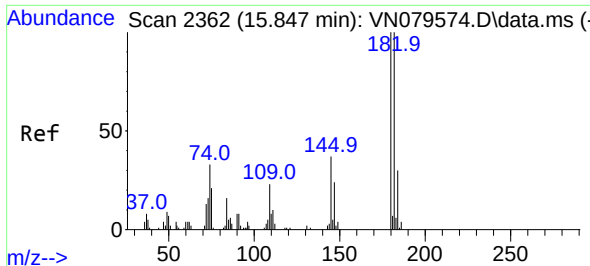


#88
1,2-Dibromo-3-Chloropropane
Concen: 54.464 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



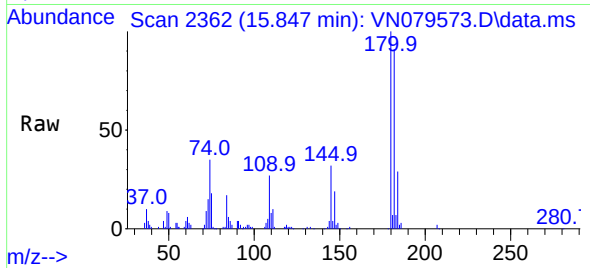
Tgt Ion: 75 Resp: 44146
Ion Ratio Lower Upper
75 100
155 77.4 60.7 91.1
157 96.9 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 62.093 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

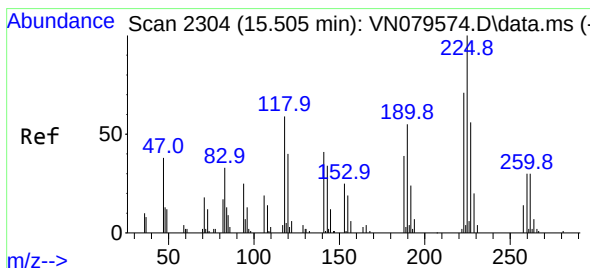
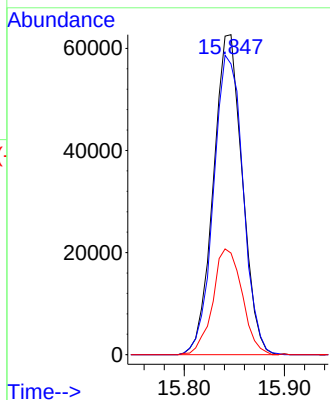
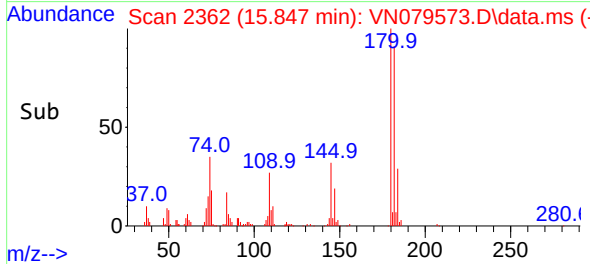
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



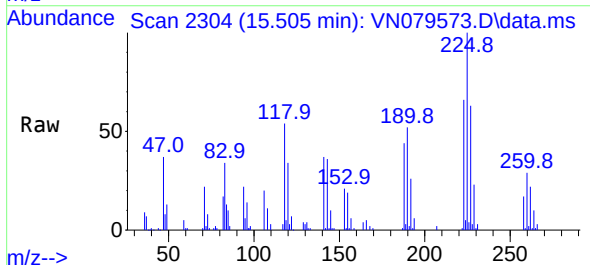
Tgt Ion:180 Resp: 125715
Ion Ratio Lower Upper
180 100
182 95.5 74.2 111.4
145 33.5 25.4 38.2

Manual Integrations
APPROVED

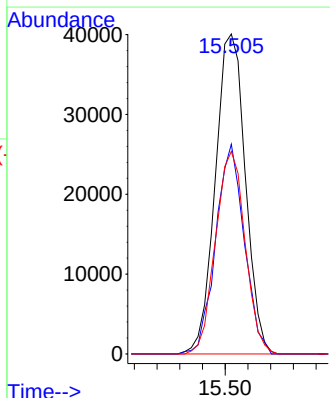
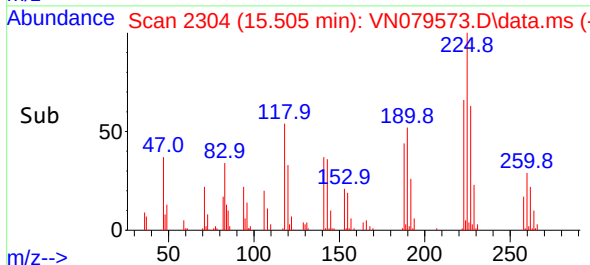
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

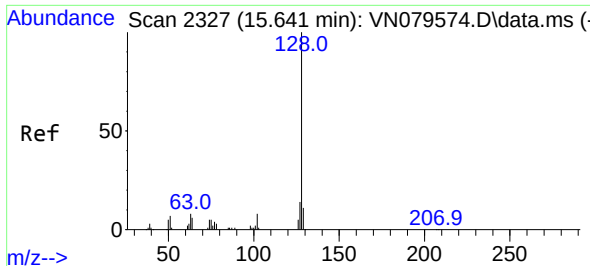


#90
Hexachlorobutadiene
Concen: 51.411 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57



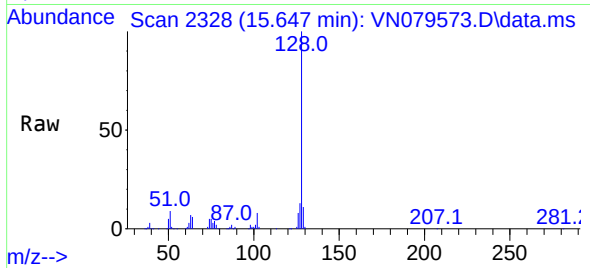
Tgt Ion:225 Resp: 73728
Ion Ratio Lower Upper
225 100
223 62.1 0.0 126.0
227 62.1 0.0 127.0





#91
Naphthalene
Concen: 65.711 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

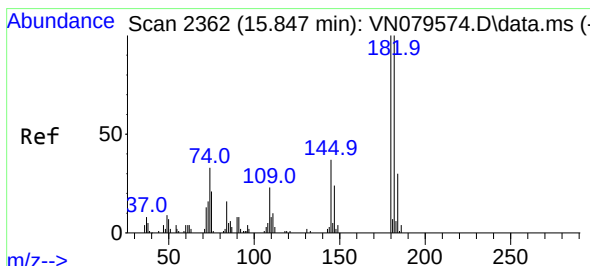
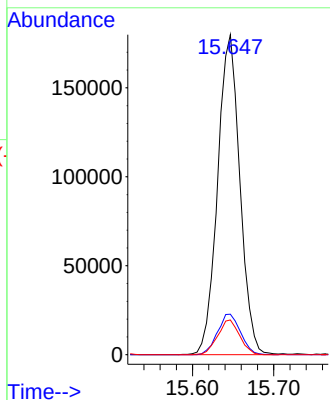
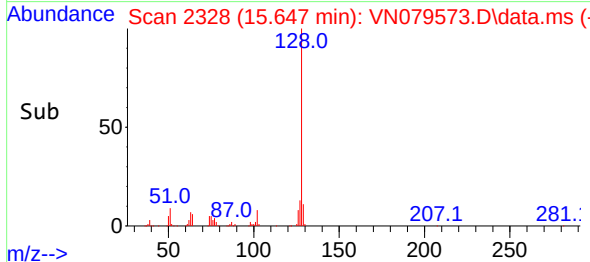
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 34318
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#92
1,2,3-Trichlorobenzene
Concen: 62.093 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079573.D
Acq: 17 Oct 2023 10:57

Tgt Ion:180 Resp: 125715
Ion Ratio Lower Upper
180 100
182 95.5 0.0 185.6
145 33.5 0.0 63.6

