

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079672.D
 Acq On : 25 Oct 2023 10:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/26/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 01:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	25684	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	187493	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	230519	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	119194	32.641	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.800%			
60) 4-Bromofluorobenzene	12.853	95	138298	32.807	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 109.367%			
63) Toluene-d8	10.570	98	309769	31.360	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.533%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	59332	15.930	ug/l	96
3) Chloromethane	2.371	50	75420	15.623	ug/l	94
4) Vinyl Chloride	2.518	62	83704	16.066	ug/l	95
5) Bromomethane	2.959	94	49929	15.456	ug/l	98
6) Chloroethane	3.124	64	63704	17.372	ug/l	97
7) Trichlorofluoromethane	3.500	101	134108	21.094	ug/l	95
8) Diethyl Ether	3.965	74	43697	18.964	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	75064m	20.637	ug/l	
10) 1,1-Dichloroethene	4.347	96	66813	19.306	ug/l	92
11) Methyl Iodide	4.589	142	75846	19.795	ug/l	94
12) Methyl Acetate	5.030	43	161951	19.412	ug/l	100
13) Acrolein	4.189	56	62309	90.350	ug/l	99
14) Acrylonitrile	5.724	53	199483	99.847	ug/l	99
15) Acetone	4.430	58	64782	102.358	ug/l	85
16) Carbon Disulfide	4.712	76	195828	18.557	ug/l	100
17) Allyl chloride	5.030	41	104985	19.676	ug/l	93
18) Methylene Chloride	5.277	84	87965	20.651	ug/l	97
19) trans-1,2-Dichloroethene	5.788	96	76796	19.836	ug/l	95
20) Diisopropyl ether	6.677	45	263721	20.845	ug/l	97
21) 1,1-Dichloroethane	6.571	63	163313	21.243	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	89777	20.133	ug/l	98
23) tert-Butyl Alcohol	5.530	59	55322	82.808	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	231290	19.919	ug/l	98
25) Chloroform	7.971	83	169306	21.795	ug/l	98
26) Cyclohexane	8.265	56	112057	19.282	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	115029	20.994	ug/l	99
30) 2-Butanone	7.488	43	272221	99.115	ug/l	100
31) 2,2-Dichloropropane	7.494	77	130035	21.049	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	144194	22.141	ug/l	98
33) Carbon Tetrachloride	8.371	117	123453	22.289	ug/l	98
34) Benzene	8.612	78	356652	21.424	ug/l	99
35) Methacrylonitrile	7.782	41	59228	20.500	ug/l	94
36) 1,2-Dichloroethane	8.677	62	137309	23.101	ug/l	99
37) Trichloroethene	9.359	130	80552	20.701	ug/l	100
38) Methylcyclohexane	9.606	83	97146	18.415	ug/l	96
39) 1,2-Dichloropropane	9.623	63	92767	21.116	ug/l	92
40) Dibromomethane	9.712	93	63514	22.030	ug/l	98
41) Bromodichloromethane	9.894	83	132715	22.212	ug/l	98
42) Vinyl Acetate	6.606	43	694557	99.691	ug/l	99

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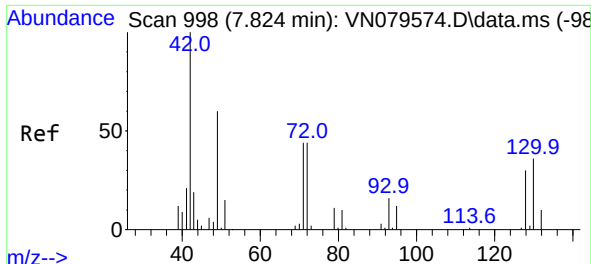
Manual Integrations
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Quant Time: Oct 26 01:32:49 2023
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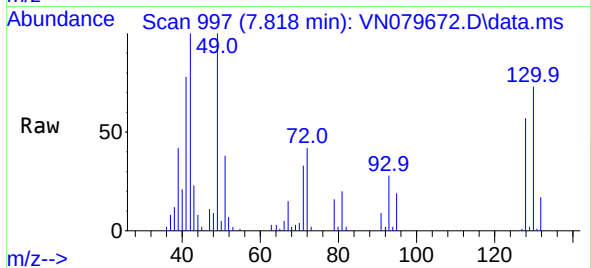
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	115434	22.351	ug/l #	92
44) Isopropyl Acetate	8.694	43	171577	18.689	ug/l	96
45) 1,4-Dioxane	9.700	88	29076	404.598	ug/l #	94
46) Methyl methacrylate	9.682	41	83500	20.501	ug/l	93
47) n-amyl Acetate	12.500	43	126041	19.023	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	123578	20.459	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	139161	21.070	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	89225	22.308	ug/l	96
51) Ethyl methacrylate	10.876	69	109799	19.897	ug/l	98
52) 1,3-Dichloropropane	11.165	76	153452	21.657	ug/l	99
53) Dibromochloromethane	11.365	129	90169	22.058	ug/l	98
54) 1,2-Dibromoethane	11.470	107	81675	20.699	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	196785	93.467	ug/l	98
56) Bromoform	12.582	173	58457	21.617	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	550613	102.406	ug/l	99
59) 2-Hexanone	11.200	43	394841	100.097	ug/l	98
61) Tetrachloroethene	11.106	164	69396	21.926	ug/l	92
62) Toluene	10.635	91	370932	21.055	ug/l	98
64) Chlorobenzene	11.894	112	213858	20.930	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	83635	21.487	ug/l	97
66) Ethyl Benzene	11.965	91	371889	20.487	ug/l	98
67) m/p-Xylenes	12.076	106	289010	43.047	ug/l	93
68) o-Xylene	12.400	106	135223	21.068	ug/l	98
69) Styrene	12.417	104	219037	21.497	ug/l	97
70) Isopropylbenzene	12.700	105	341752	20.748	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	124338	21.230	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	112975m	21.241	ug/l	
73) Bromobenzene	12.982	156	81148	20.972	ug/l	97
74) n-propylbenzene	13.041	91	405450	21.143	ug/l	100
75) 2-Chlorotoluene	13.129	91	261590	21.943	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	291481	21.647	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	32331	19.917	ug/l	98
78) 4-Chlorotoluene	13.223	91	244336	21.692	ug/l	98
79) tert-butylbenzene	13.441	119	227275	20.993	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	285263	21.864	ug/l	99
81) sec-Butylbenzene	13.617	105	314995	20.726	ug/l	100
82) p-Isopropyltoluene	13.735	119	252130	20.913	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	135503	21.297	ug/l	100
84) 1,4-Dichlorobenzene	13.817	146	127777	20.948	ug/l	98
85) n-Butylbenzene	14.059	91	178899	18.993	ug/l	99
86) Hexachloroethane	14.335	117	53994	20.717	ug/l	98
87) 1,2-Dichlorobenzene	14.111	146	130920	20.702	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	17107	19.169	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	35186	15.785	ug/l	98
90) Hexachlorobutadiene	15.505	225	32649	20.678	ug/l	99
91) Naphthalene	15.647	128	68362	11.889	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	35186	15.785	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

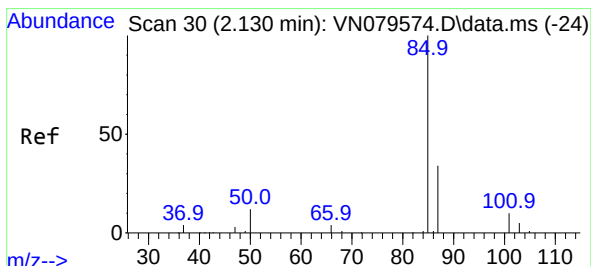
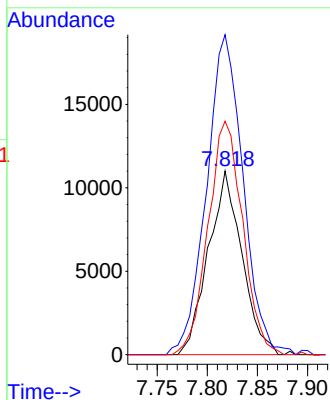
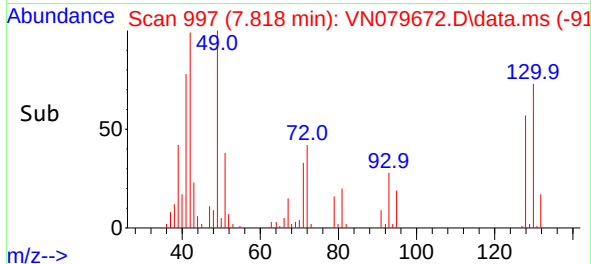
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



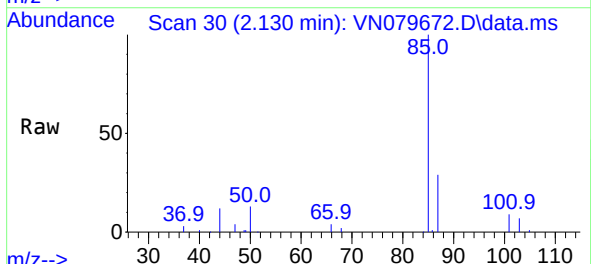
Tgt Ion:128 Resp: 25684
Ion Ratio Lower Upper
128 100
49 187.9 0.0 468.5
130 131.2 0.0 320.7

Manual Integrations
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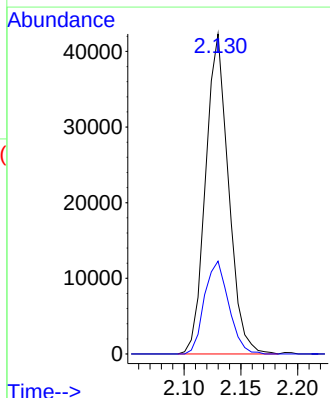
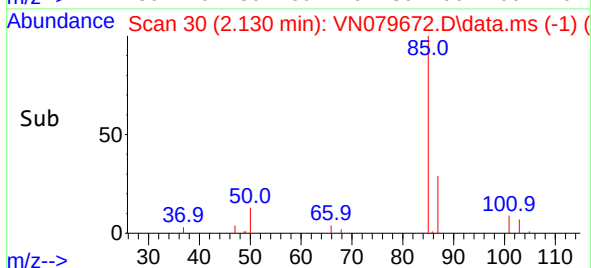
Reviewed By :John Carlone 10/26/2023
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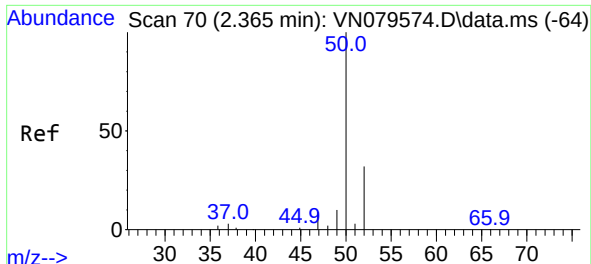


#2
Dichlorodifluoromethane
Concen: 15.930 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion: 85 Resp: 59332
Ion Ratio Lower Upper
85 100
87 29.0 15.6 46.7





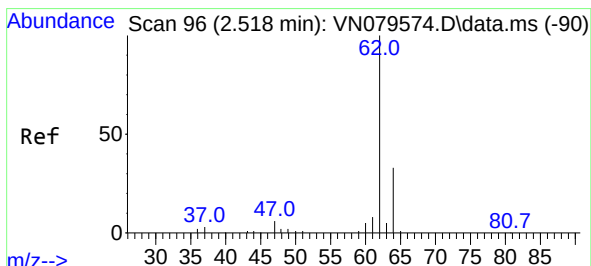
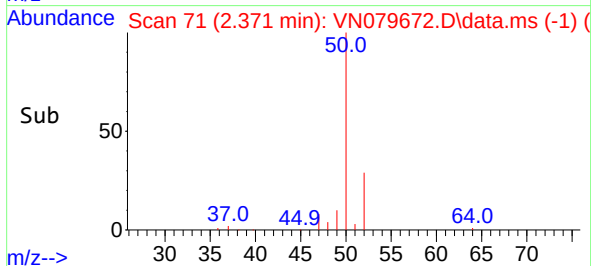
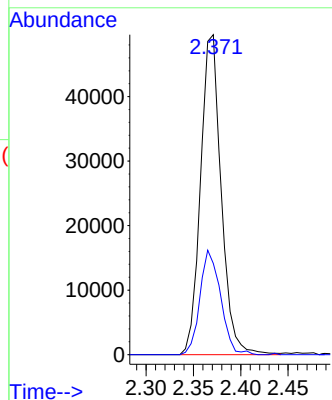
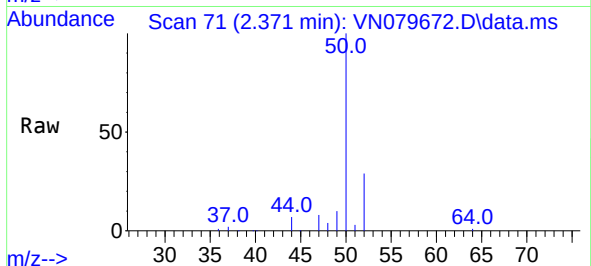
#3
Chloromethane
Concen: 15.623 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 75420
Ion Ratio Lower Upper
50 100
52 28.5 25.6 38.4

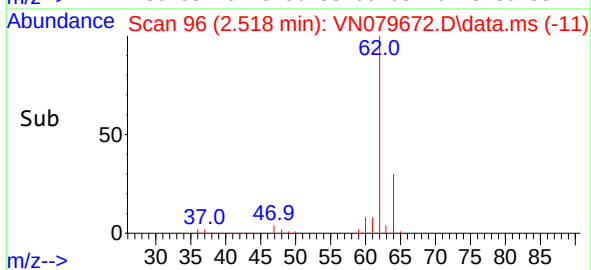
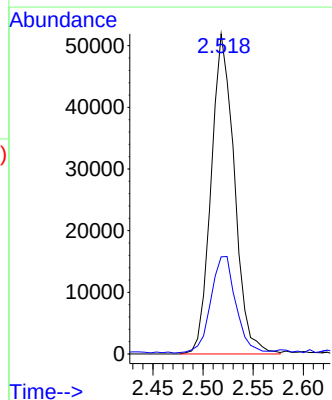
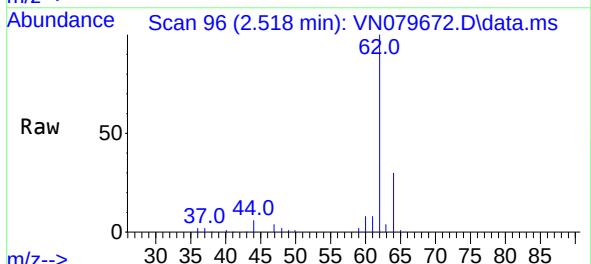
Manual Integrations
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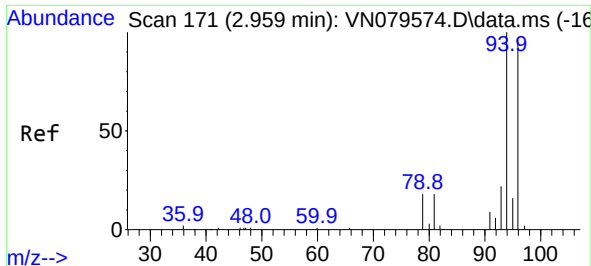
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#4
Vinyl Chloride
Concen: 16.066 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

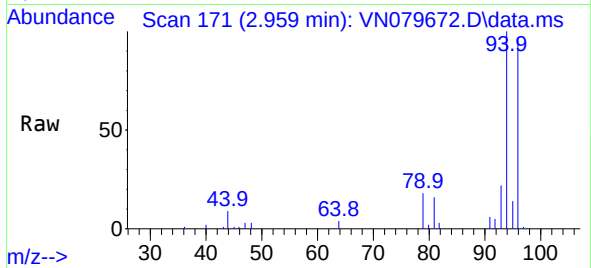
Tgt Ion: 62 Resp: 83704
Ion Ratio Lower Upper
62 100
64 29.9 26.4 39.6





#5
Bromomethane
Concen: 15.456 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

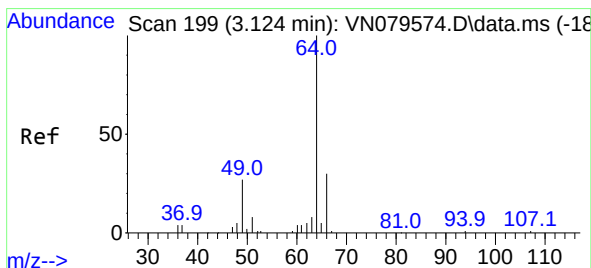
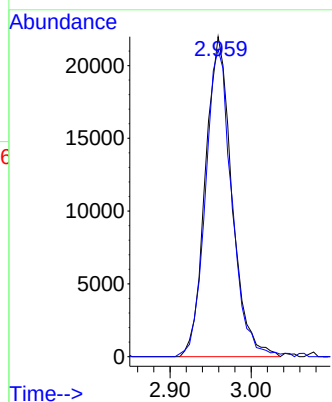
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 49929
Ion Ratio Lower Upper
94 100
96 95.2 77.8 116.6

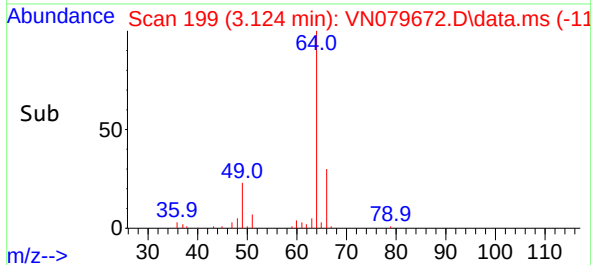
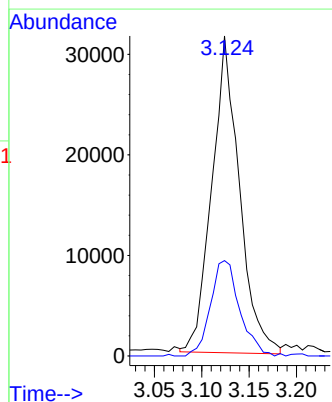
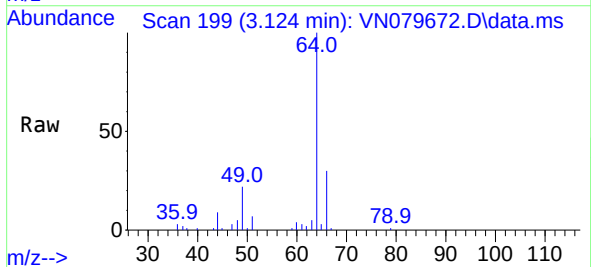
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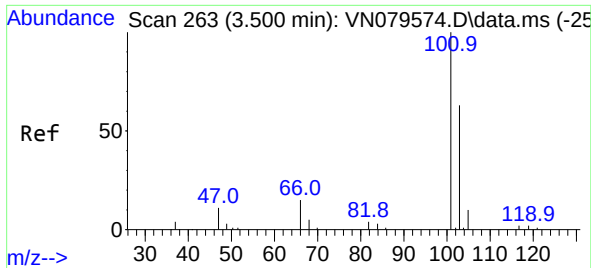
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#6
Chloroethane
Concen: 17.372 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

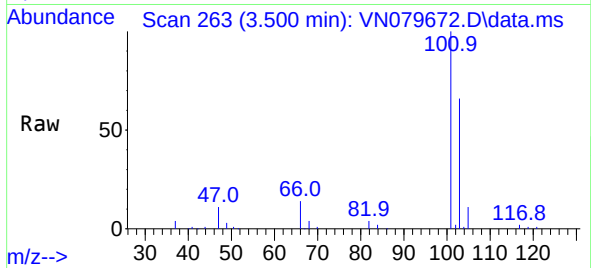
Tgt Ion: 64 Resp: 63704
Ion Ratio Lower Upper
64 100
66 30.5 23.3 34.9





#7
Trichlorofluoromethane
Concen: 21.094 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

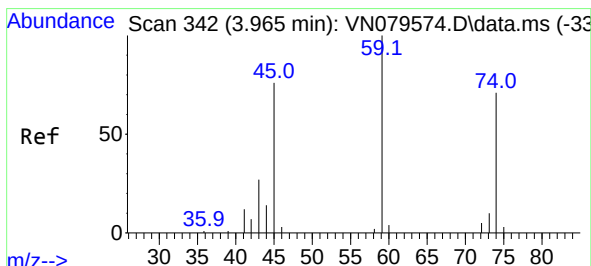
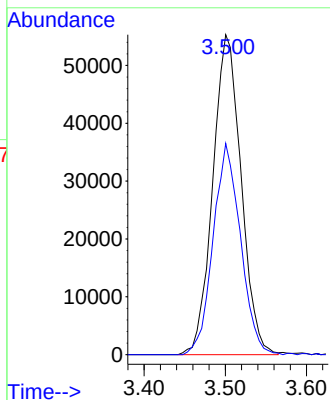
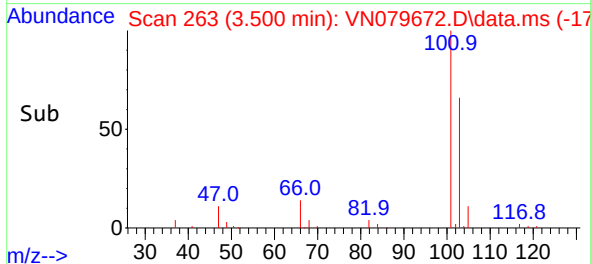
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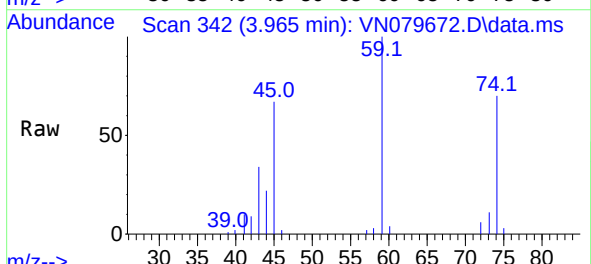
Tgt Ion:101 Resp: 134108
Ion Ratio Lower Upper
101 100
103 66.0 49.9 74.9

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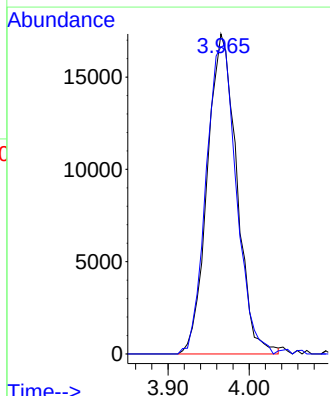
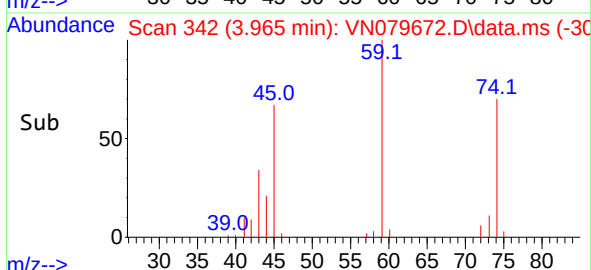
Reviewed By :John Carlone 10/26/2023
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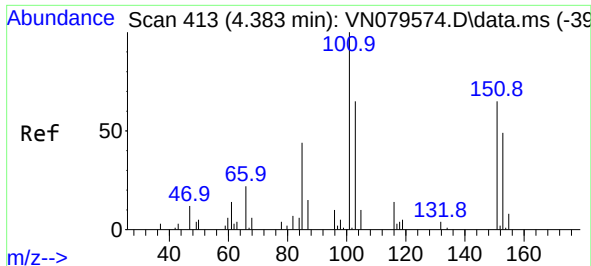


#8
Diethyl Ether
Concen: 18.964 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion: 74 Resp: 43697
Ion Ratio Lower Upper
74 100
45 99.6 19.0 171.0





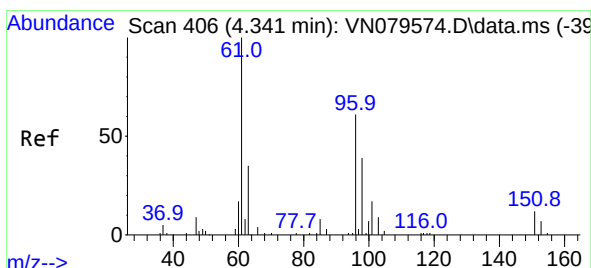
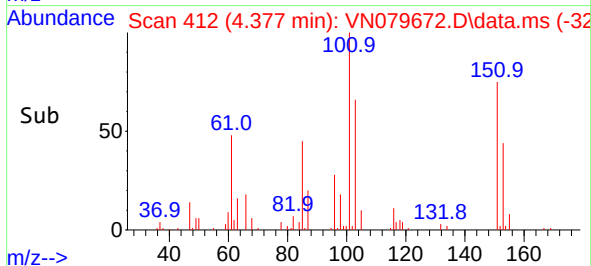
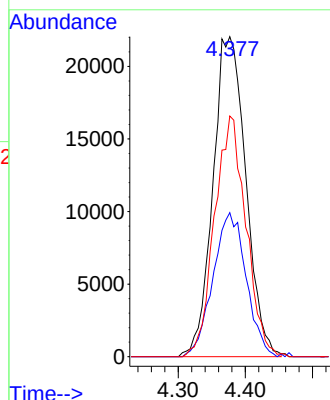
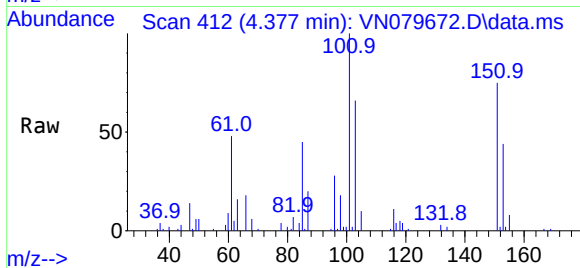
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.637 ug/l m
RT: 4.377 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 75064
Ion Ratio Lower Upper
101 100
85 45.3 0.0 92.0
151 71.8 0.0 138.4

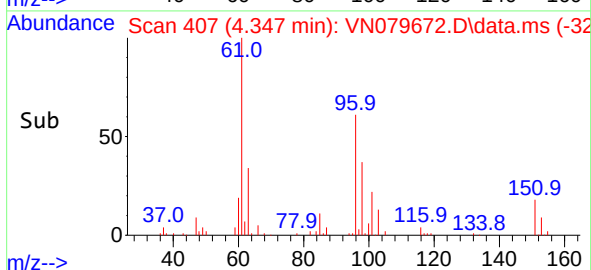
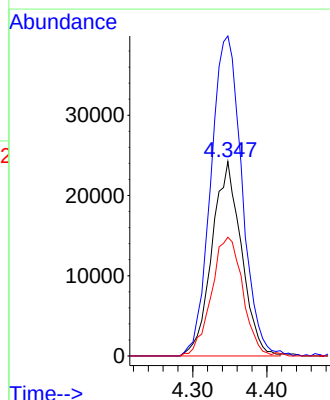
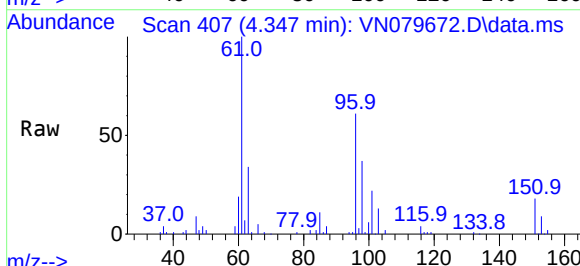
Manual Integrations
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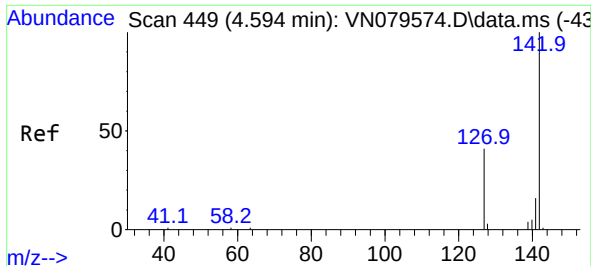
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#10
1,1-Dichloroethene
Concen: 19.306 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

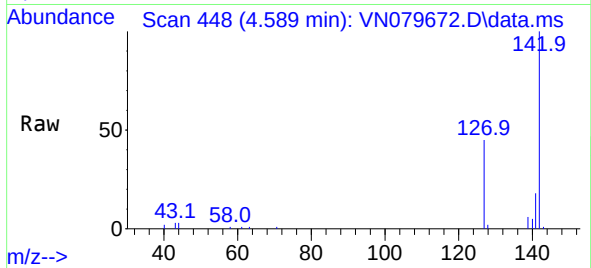
Tgt Ion: 96 Resp: 66813
Ion Ratio Lower Upper
96 100
61 164.6 141.3 211.9
98 61.1 53.2 79.8





#11
Methyl Iodide
Concen: 19.795 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

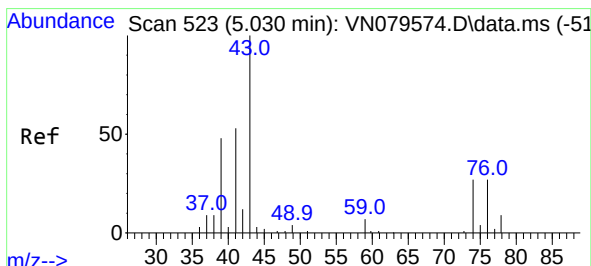
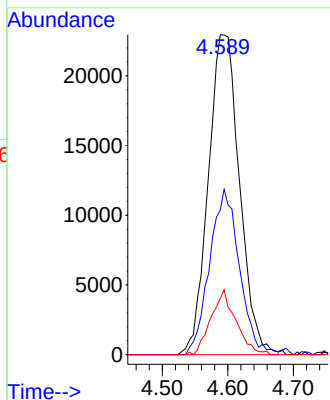
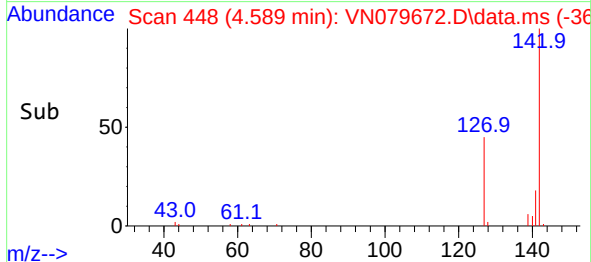
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 75840
Ion Ratio Lower Upper
142 100
127 45.0 24.6 73.8
141 17.7 7.7 23.1

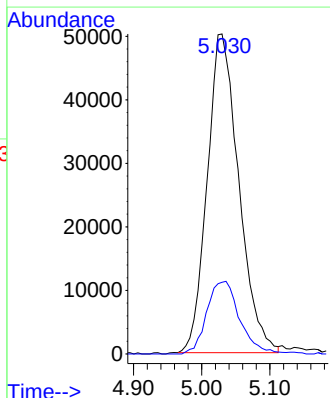
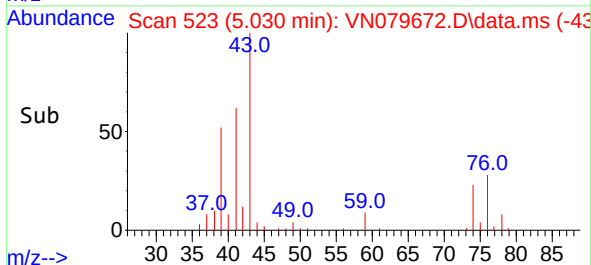
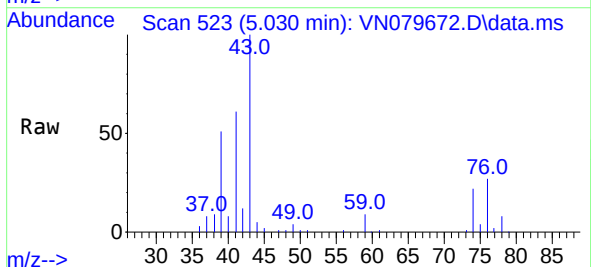
Manual Integrations
APPROVED

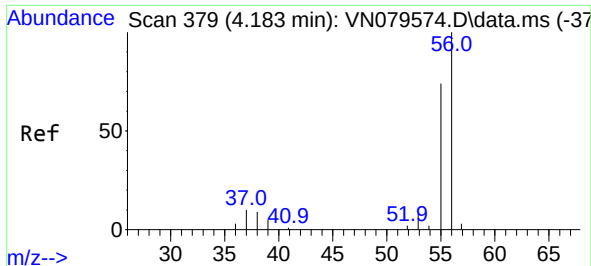
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#12
Methyl Acetate
Concen: 19.412 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Tgt Ion: 43 Resp: 161951
Ion Ratio Lower Upper
43 100
74 22.4 18.1 27.1





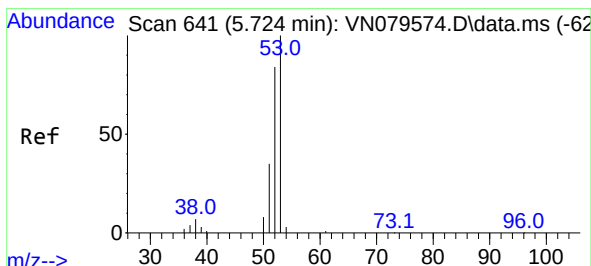
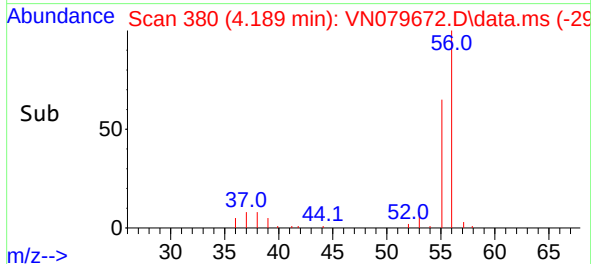
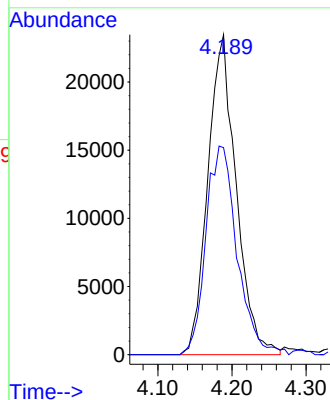
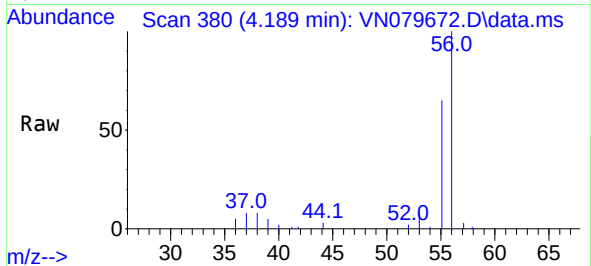
#13
Acrolein
Concen: 90.350 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 62309
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

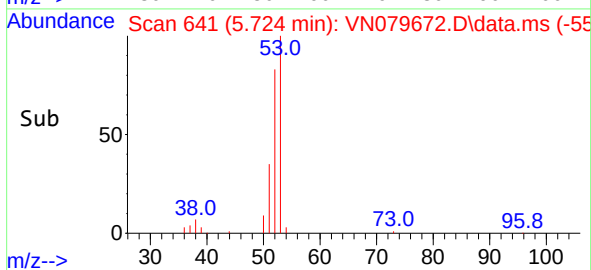
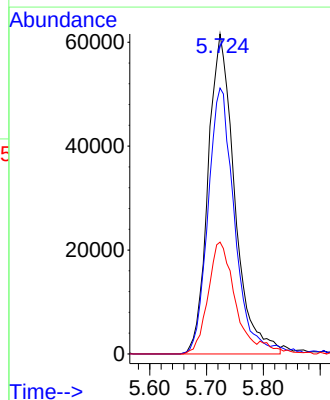
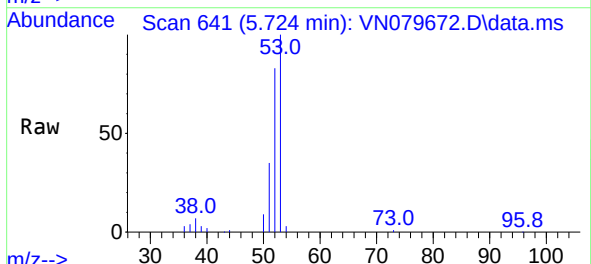
Manual Integrations
APPROVED

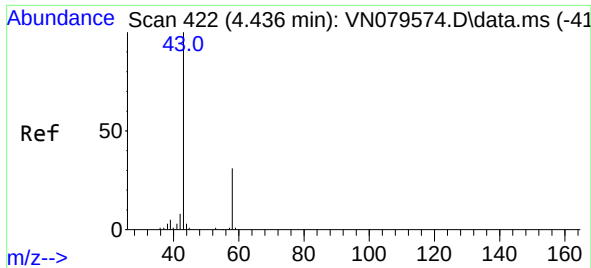
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#14
Acrylonitrile
Concen: 99.847 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Tgt Ion: 53 Resp: 199483
Ion Ratio Lower Upper
53 100
52 82.0 41.6 124.9
51 34.6 17.8 53.3





#15

Acetone

Concen: 102.358 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079672.D

Acq: 25 Oct 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 6478

Ion Ratio Lower Upper

58 100

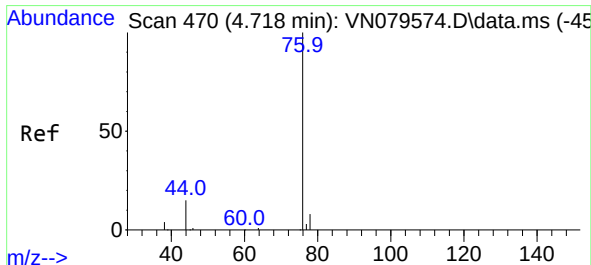
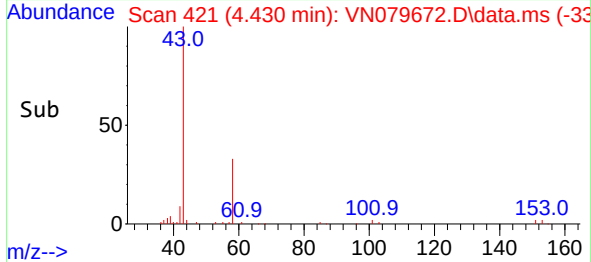
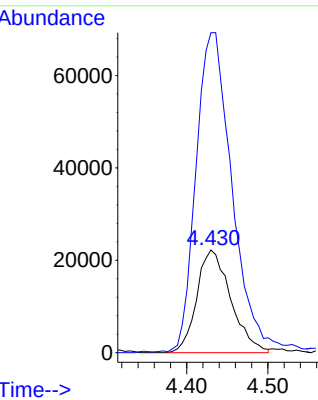
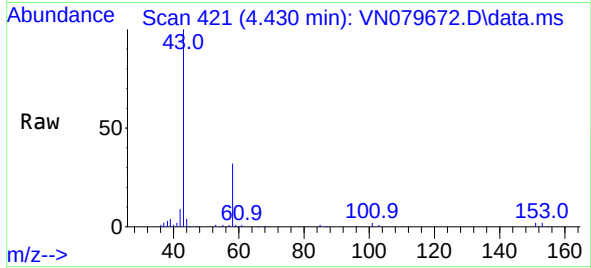
43 310.6 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#16

Carbon Disulfide

Concen: 18.557 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079672.D

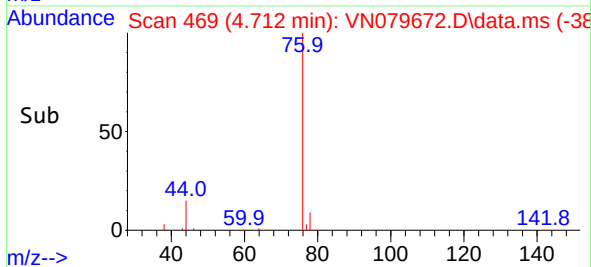
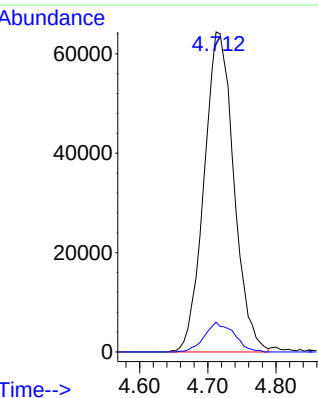
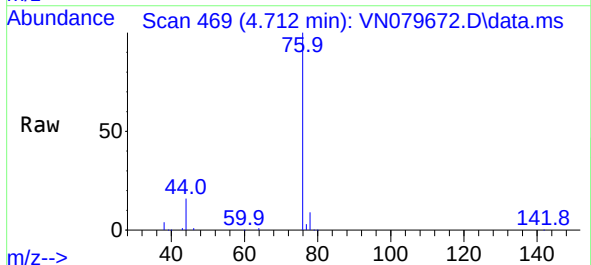
Acq: 25 Oct 2023 10:30

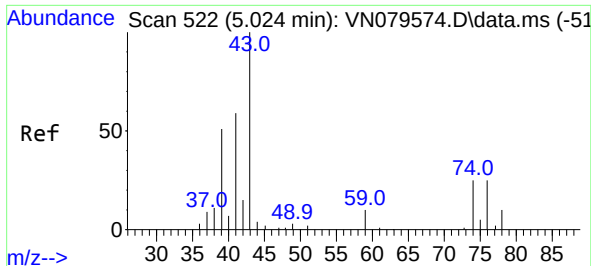
Tgt Ion: 76 Resp: 195828

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





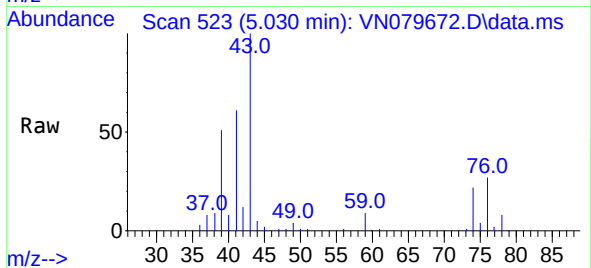
#17
 Allyl chloride
 Concen: 19.676 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079672.D
 Acq: 25 Oct 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



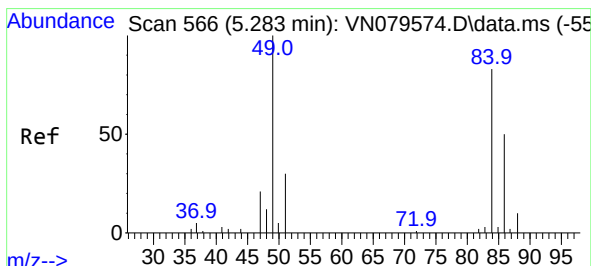
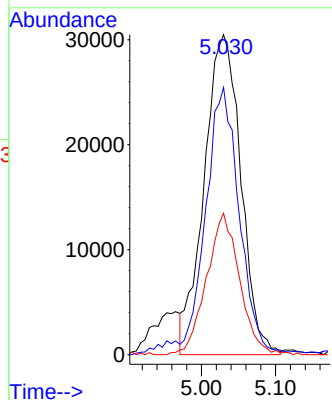
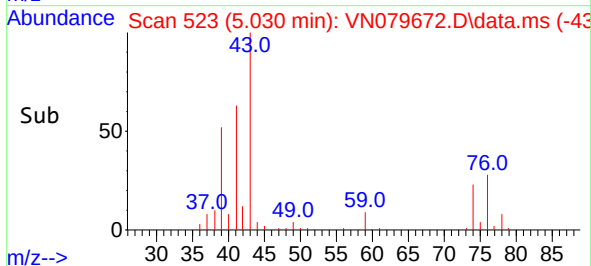
Tgt Ion: 41 Resp: 10498
 Ion Ratio Lower Upper
 41 100
 39 82.8 38.4 115.2
 76 44.0 19.5 58.5

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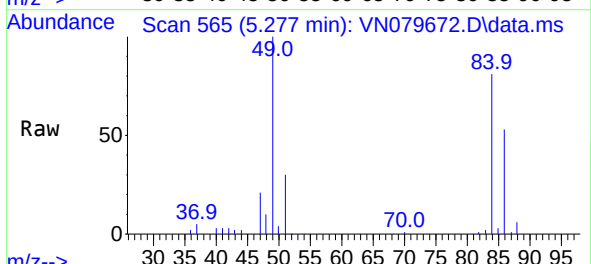
APPROVED

Reviewed By :John Carlone 10/26/2023

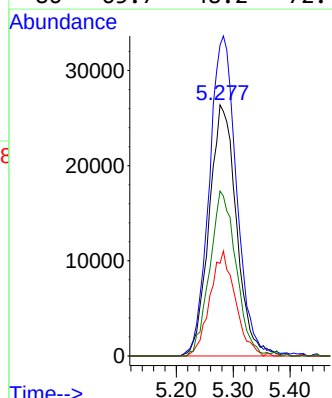
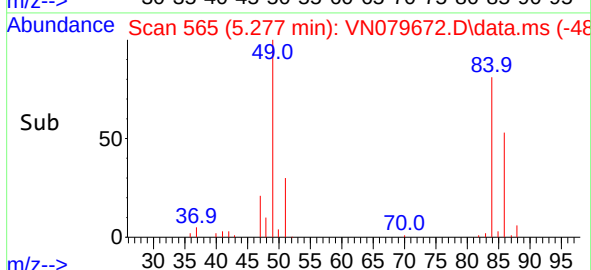
Supervised By :Mahesh Dadoda 10/26/2023

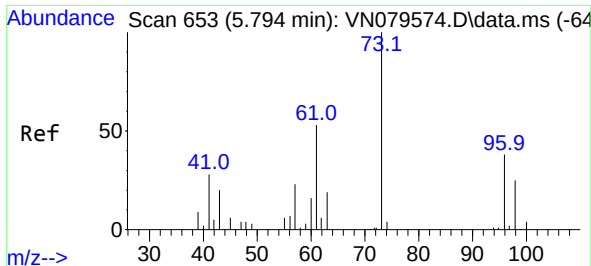


#18
 Methylene Chloride
 Concen: 20.651 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079672.D
 Acq: 25 Oct 2023 10:30



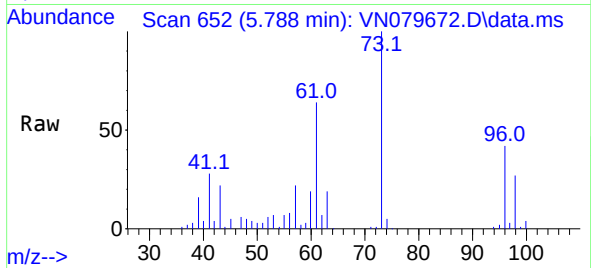
Tgt Ion: 84 Resp: 87965
 Ion Ratio Lower Upper
 84 100
 49 123.8 100.9 151.3
 51 36.9 29.4 44.2
 86 65.7 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 19.836 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

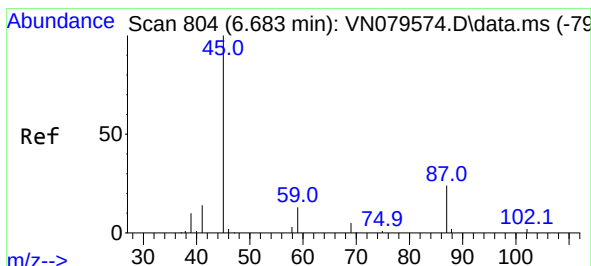
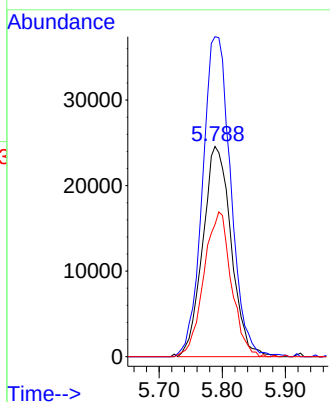
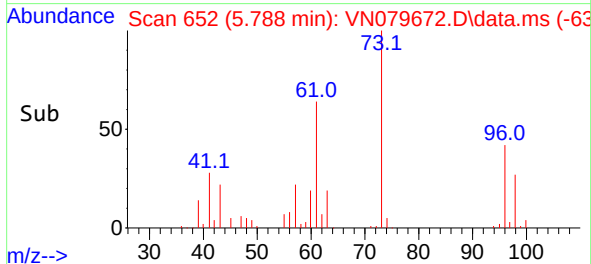
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



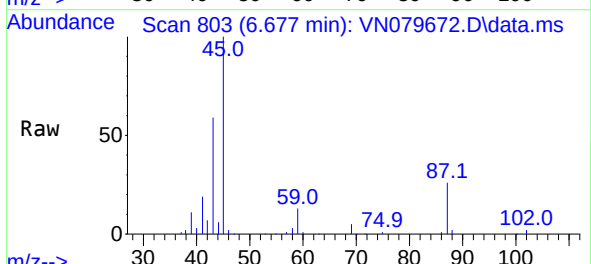
Tgt Ion: 96 Resp: 76790
Ion Ratio Lower Upper
96 100
61 151.1 113.4 170.0
98 62.8 50.4 75.6

Manual Integrations
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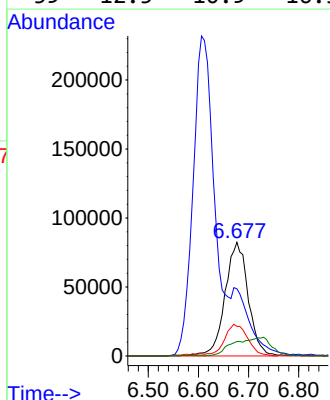
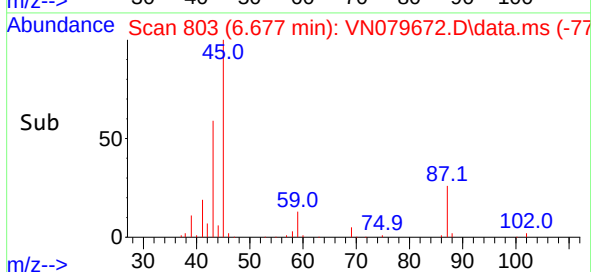
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

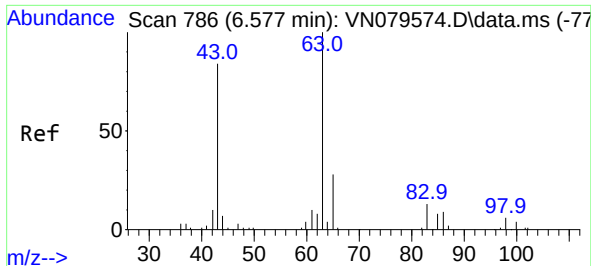


#20
Diisopropyl ether
Concen: 20.845 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion: 45 Resp: 263721
Ion Ratio Lower Upper
45 100
43 55.7 42.1 63.1
87 25.8 20.5 30.7
59 12.5 10.9 16.3





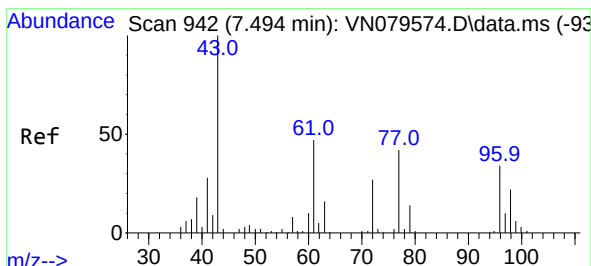
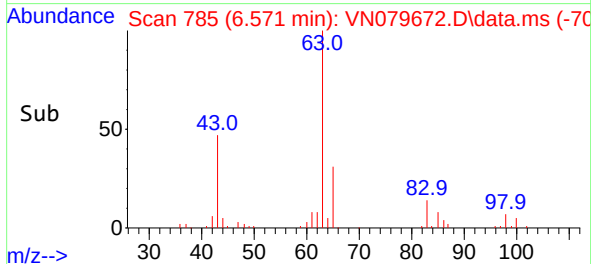
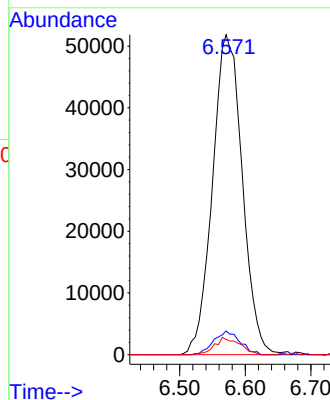
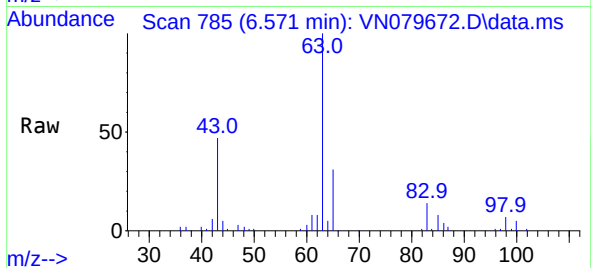
#21
1,1-Dichloroethane
Concen: 21.243 ug/l
RT: 6.571 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 16331
Ion Ratio Lower Upper
63 100
98 7.4 2.8 8.4
100 4.7 1.9 5.7

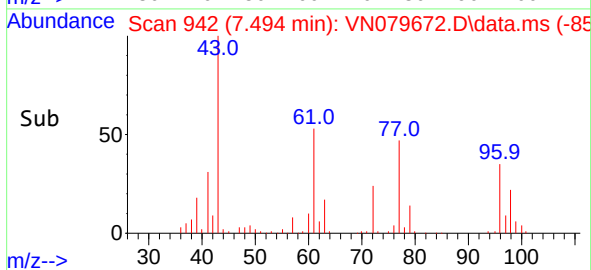
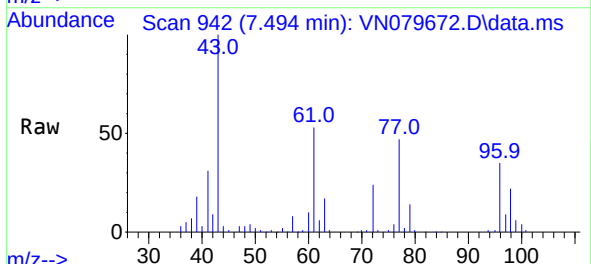
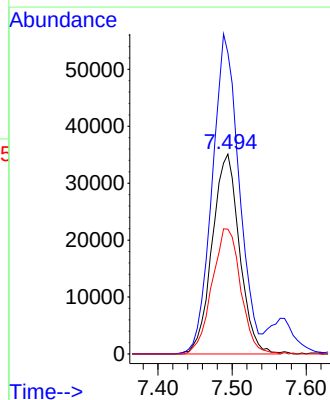
Manual Integrations
APPROVED

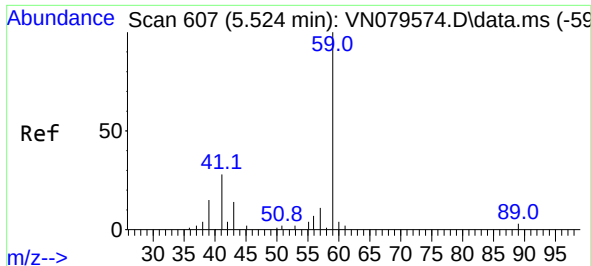
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#22
cis-1,2-Dichloroethene
Concen: 20.133 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

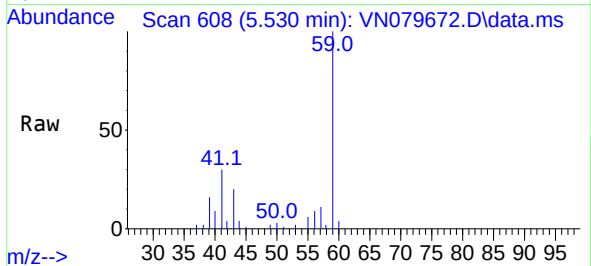
Tgt Ion: 96 Resp: 89777
Ion Ratio Lower Upper
96 100
61 158.8 124.6 186.8
98 65.6 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 82.808 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

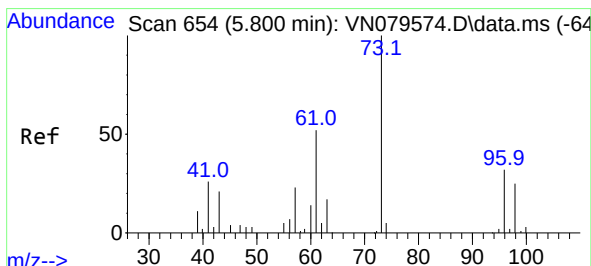
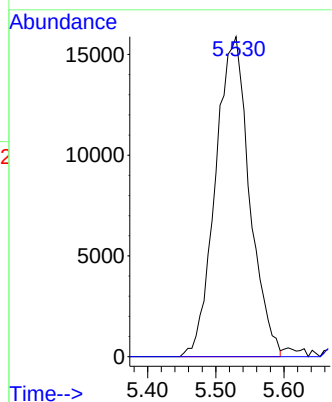
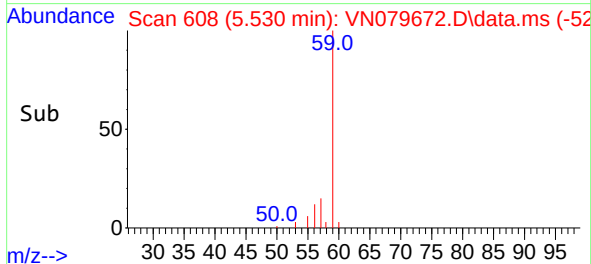
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 5532
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

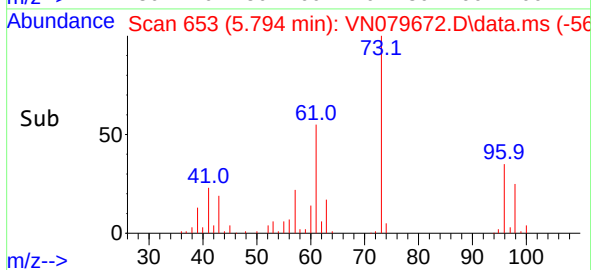
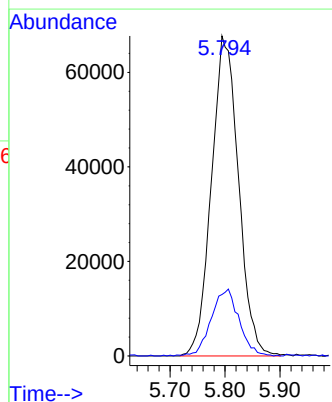
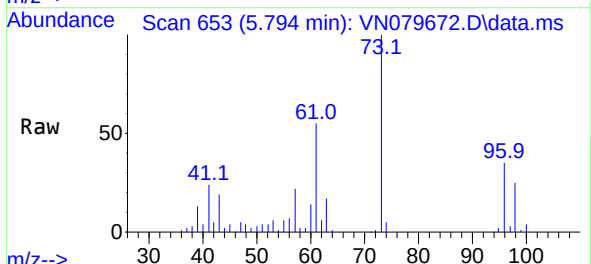
Manual Integrations
APPROVED

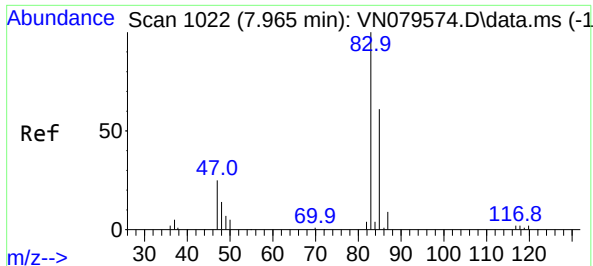
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#24
Methyl tert-Butyl Ether
Concen: 19.919 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Tgt Ion: 73 Resp: 231290
Ion Ratio Lower Upper
73 100
43 21.4 16.6 24.8





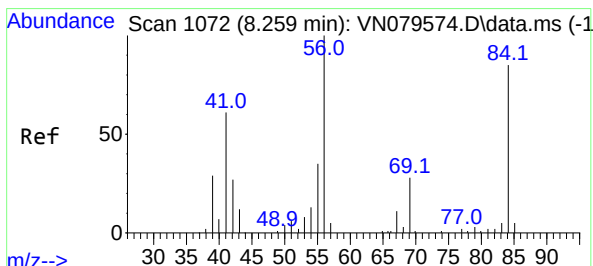
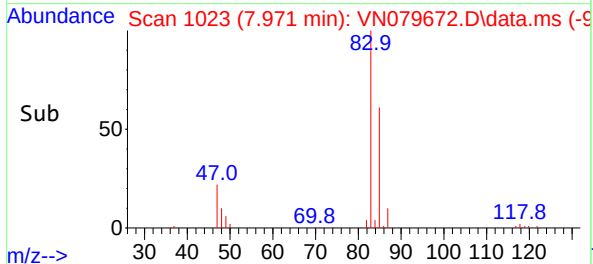
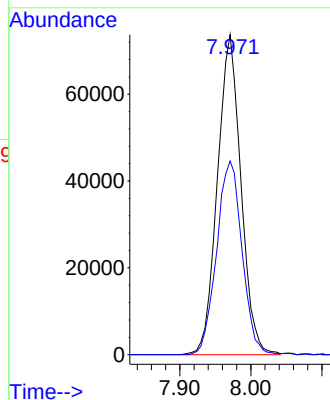
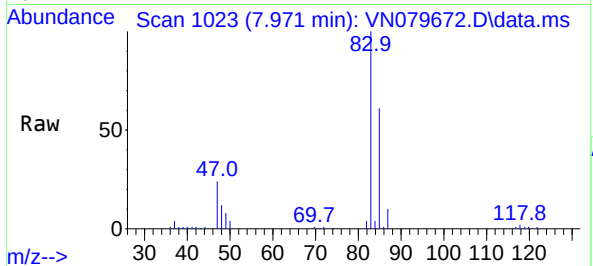
#25
Chloroform
Concen: 21.795 ug/l
RT: 7.971 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 169300
Ion Ratio Lower Upper
83 100
85 60.5 47.4 71.2

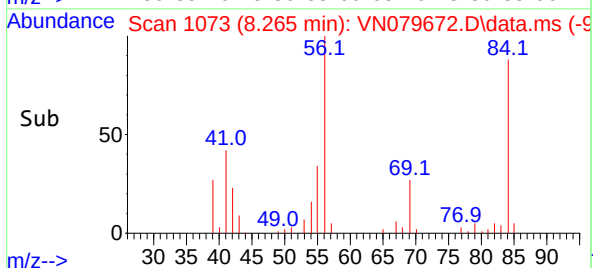
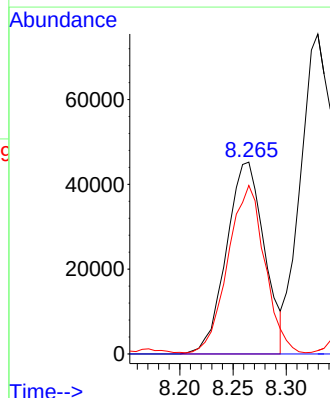
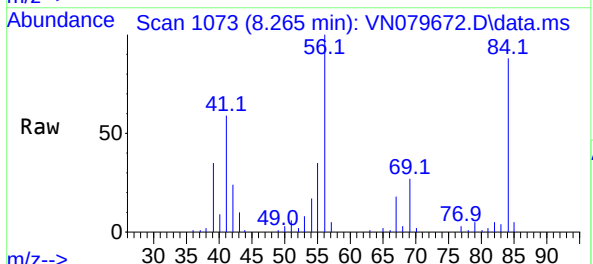
Manual Integrations
APPROVED

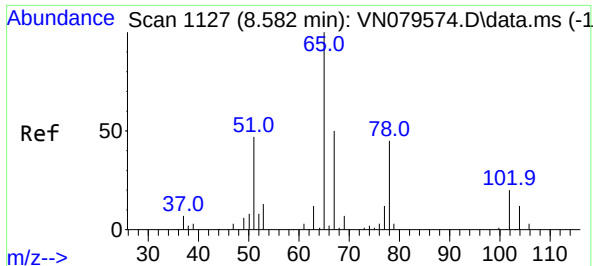
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#26
Cyclohexane
Concen: 19.282 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

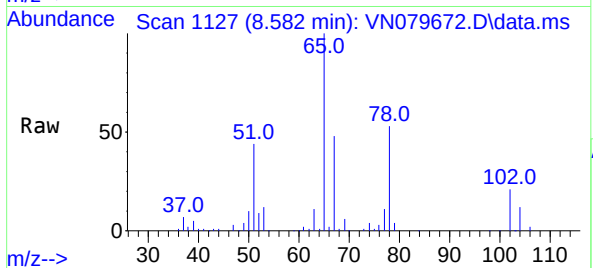
Tgt Ion: 56 Resp: 112057
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.9 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 32.641 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

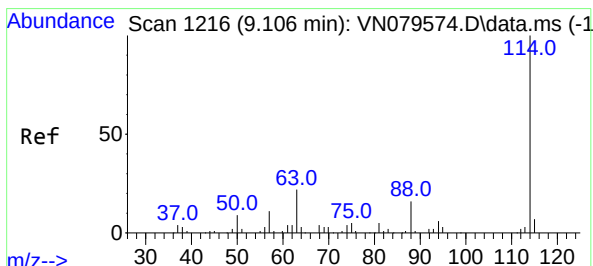
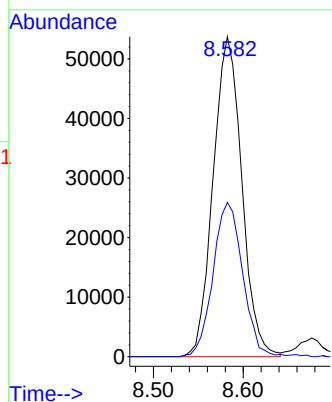
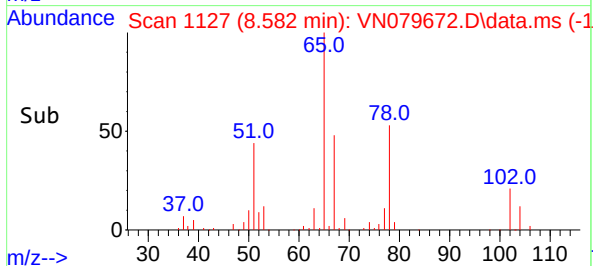
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



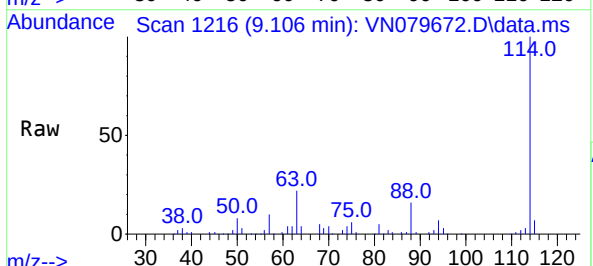
Tgt Ion: 65 Resp: 119194
Ion Ratio Lower Upper
65 100
67 49.7 42.1 63.1

Manual Integrations
APPROVED

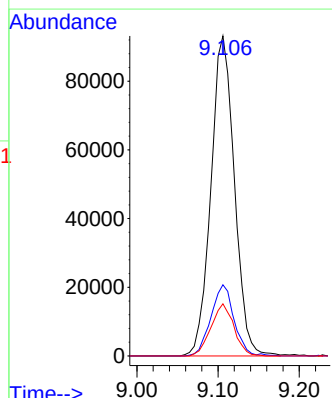
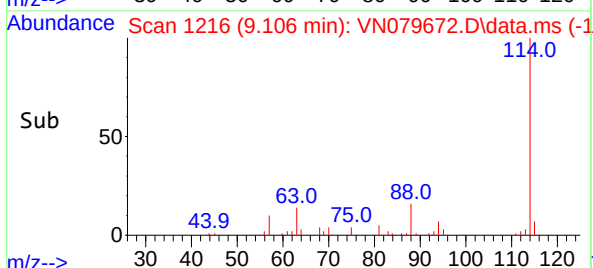
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

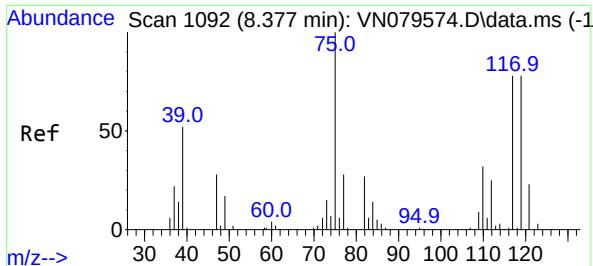


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion:114 Resp: 187493
Ion Ratio Lower Upper
114 100
63 21.8 18.1 27.1
88 15.9 12.2 18.2





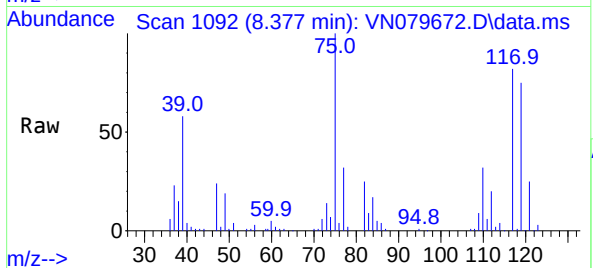
#29
1,1-Dichloropropene
Concen: 20.994 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



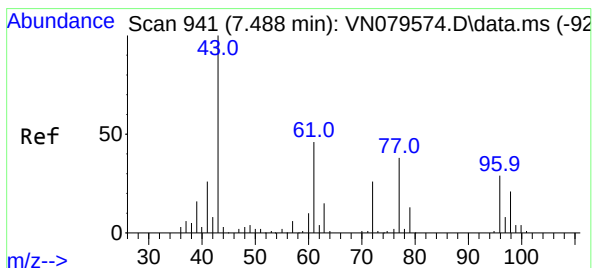
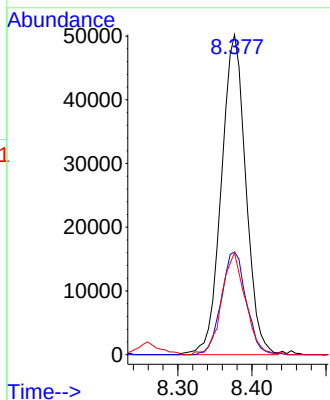
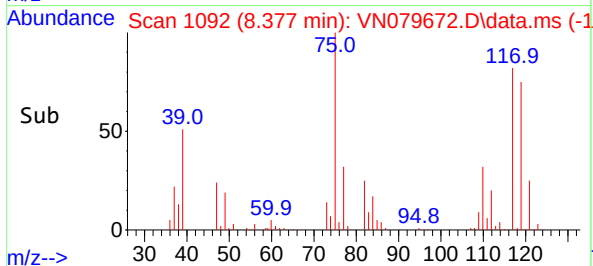
Tgt Ion: 75 Resp: 115029
Ion Ratio Lower Upper
75 100
110 32.6 0.0 66.8
77 30.7 0.0 61.2

Manual Integrations

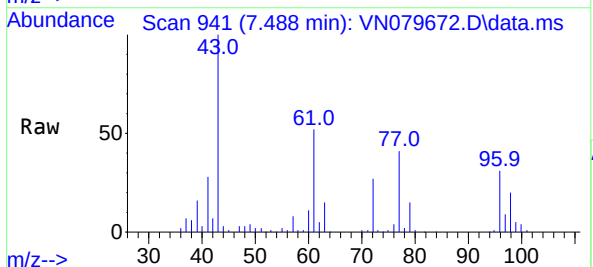
APPROVED

Reviewed By :John Carlone 10/26/2023

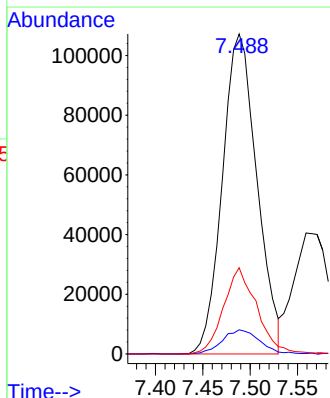
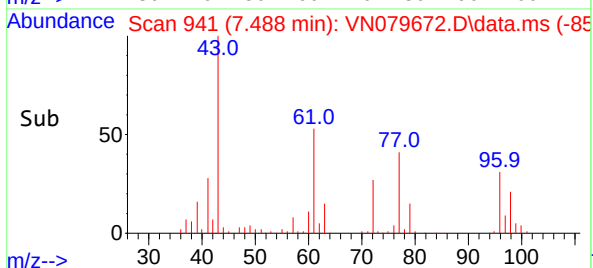
Supervised By :Mahesh Dadoda 10/26/2023

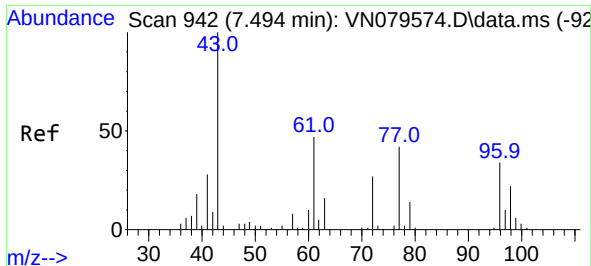


#30
2-Butanone
Concen: 99.115 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



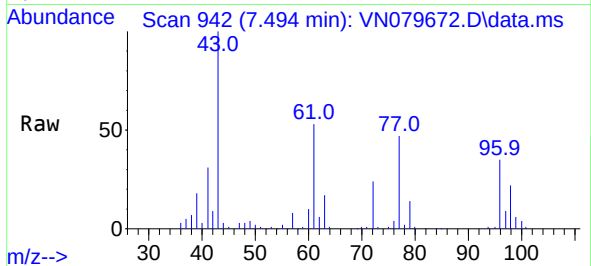
Tgt Ion: 43 Resp: 272221
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 26.1 20.7 31.1





#31
2,2-Dichloropropane
Concen: 21.049 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

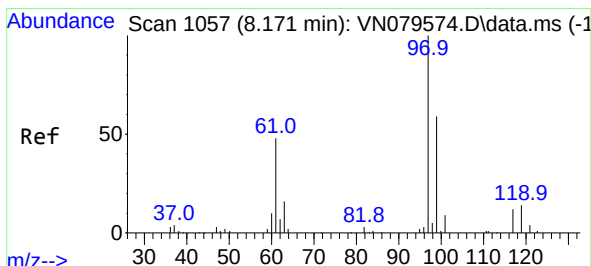
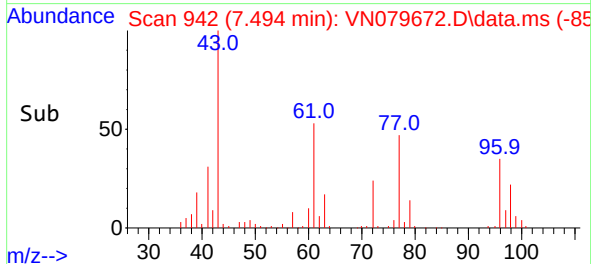
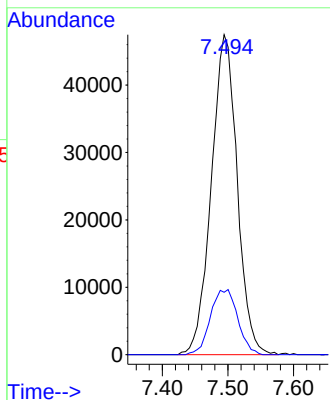
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 77 Resp: 130035
Ion Ratio Lower Upper
77 100
97 21.5 17.9 26.9

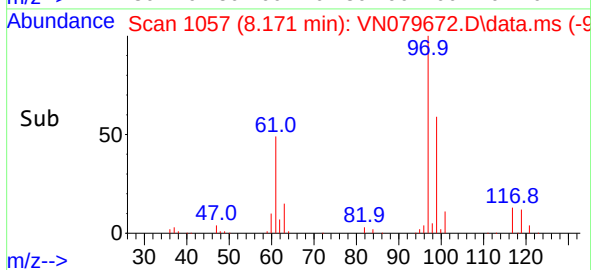
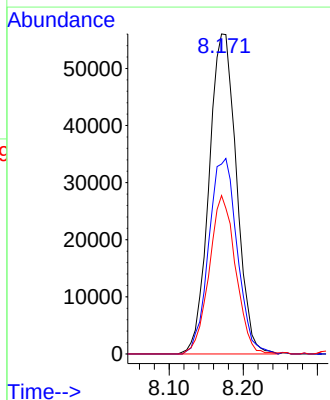
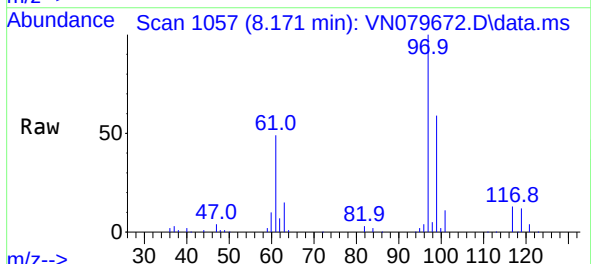
Manual Integrations
APPROVED

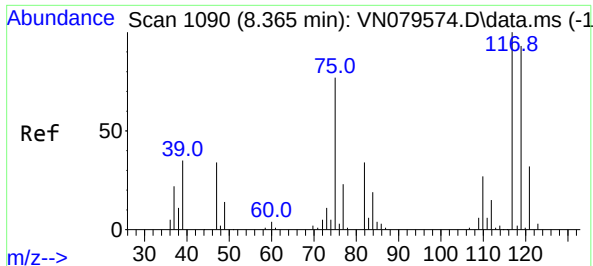
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#32
1,1,1-Trichloroethane
Concen: 22.141 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

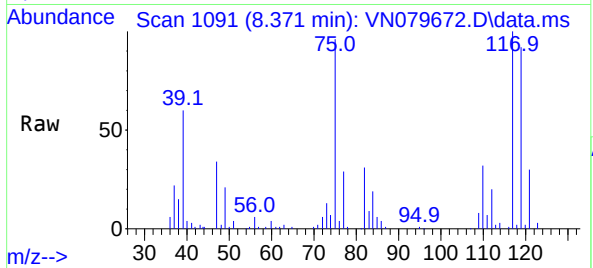
Tgt Ion: 97 Resp: 144194
Ion Ratio Lower Upper
97 100
99 63.3 51.9 77.9
61 47.6 37.6 56.4





#33
Carbon Tetrachloride
Concen: 22.289 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

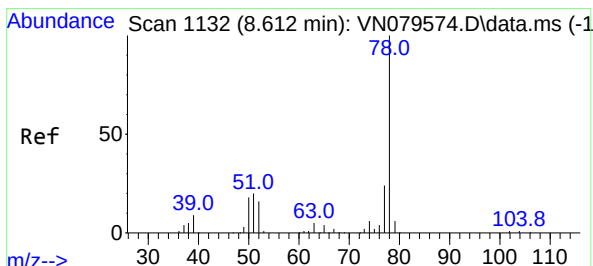
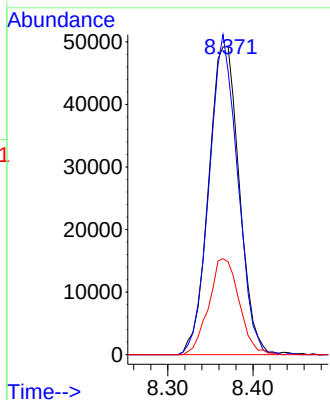
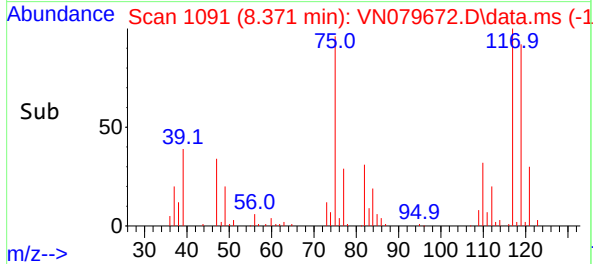
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



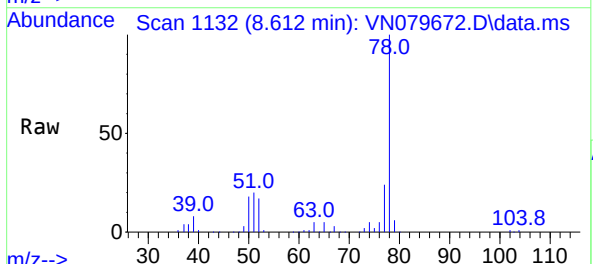
Tgt Ion: 117 Resp: 12345
Ion Ratio Lower Upper
117 100
119 92.0 75.0 112.6
121 30.2 24.3 36.5

Manual Integrations
APPROVED

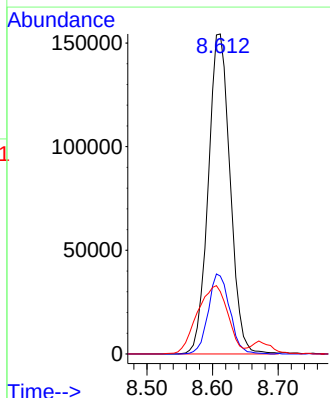
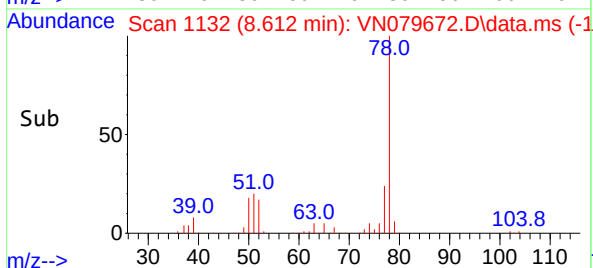
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

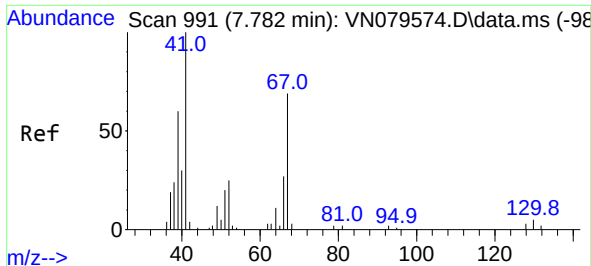


#34
Benzene
Concen: 21.424 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



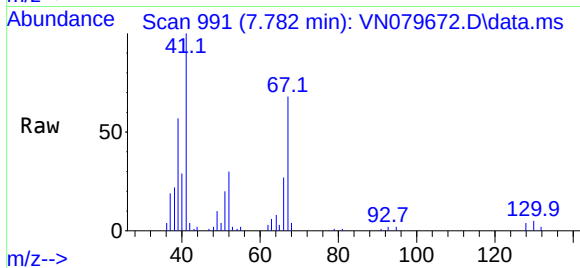
Tgt Ion: 78 Resp: 356652
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5
51 18.8 15.8 23.6





#35
Methacrylonitrile
Concen: 20.500 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

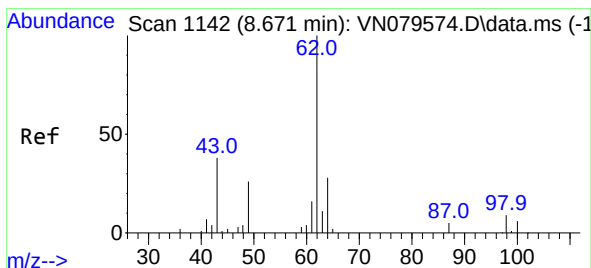
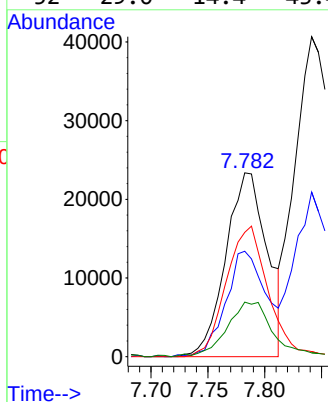
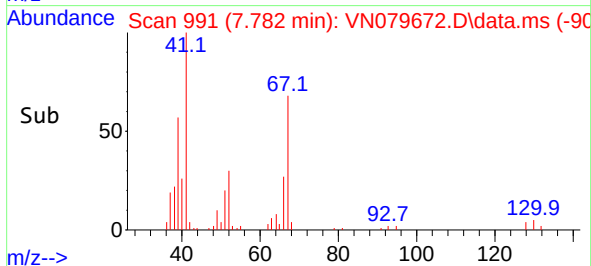
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



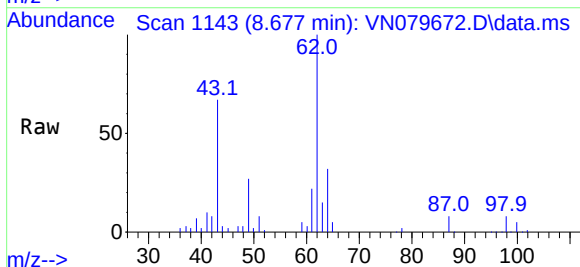
Tgt Ion: 41 Resp: 59228
Ion Ratio Lower Upper
41 100
39 56.3 26.3 78.8
67 67.6 37.5 112.3
52 29.0 14.4 43.4

Manual Integrations
APPROVED

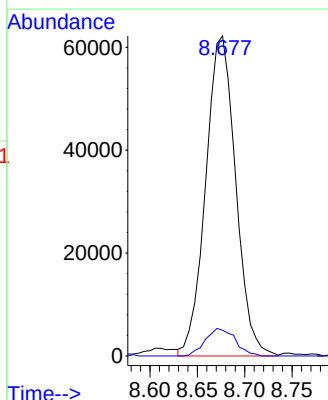
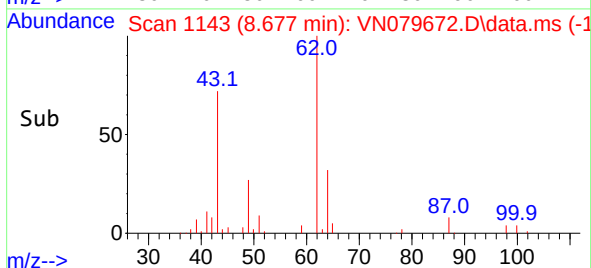
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

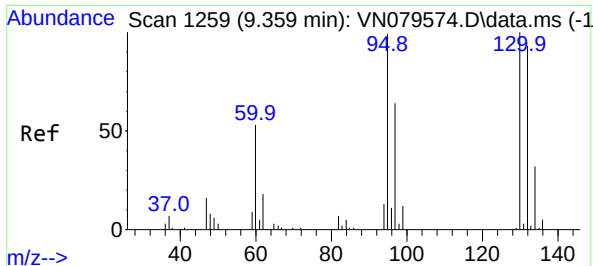


#36
1,2-Dichloroethane
Concen: 23.101 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



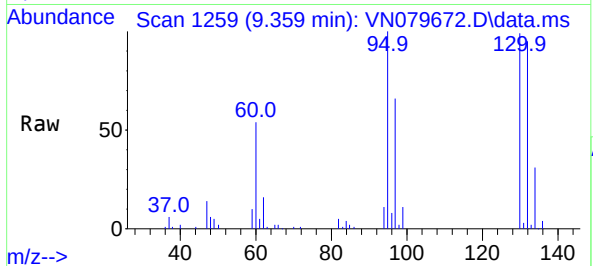
Tgt Ion: 62 Resp: 137309
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8





#37
Trichloroethene
Concen: 20.701 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

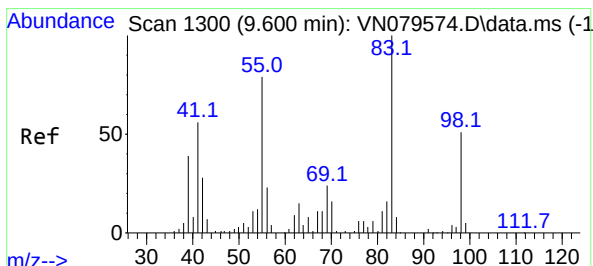
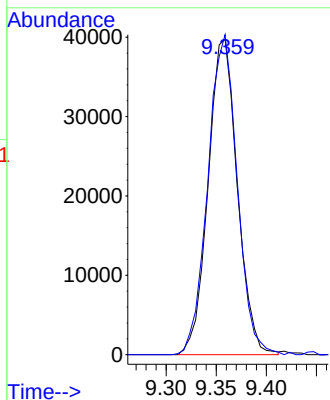
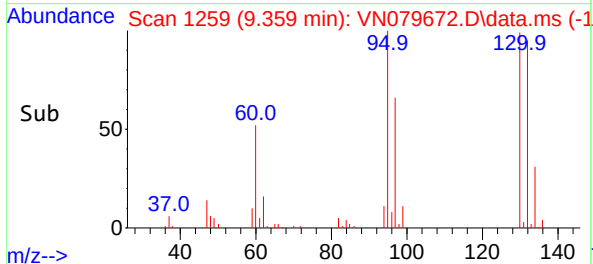
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



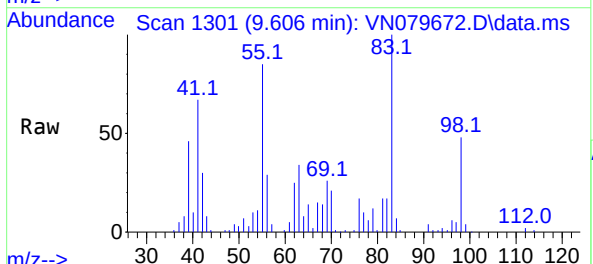
Tgt Ion:130 Resp: 80552
Ion Ratio Lower Upper
130 100
95 101.0 81.2 121.8

Manual Integrations
APPROVED

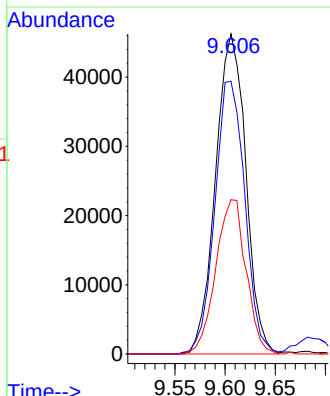
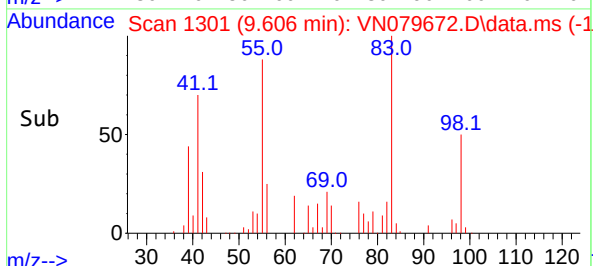
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

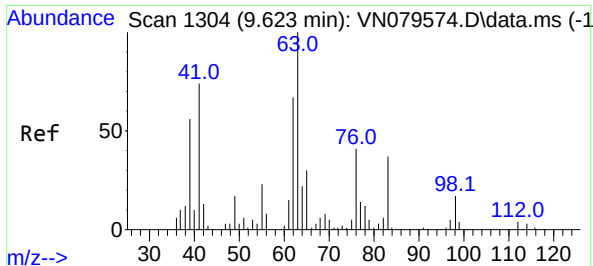


#38
Methylcyclohexane
Concen: 18.415 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



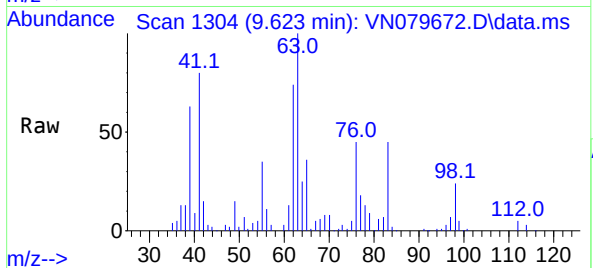
Tgt Ion: 83 Resp: 97146
Ion Ratio Lower Upper
83 100
55 84.4 39.7 119.1
98 48.1 24.4 73.2





#39
1,2-Dichloropropane
Concen: 21.116 ug/l
RT: 9.623 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

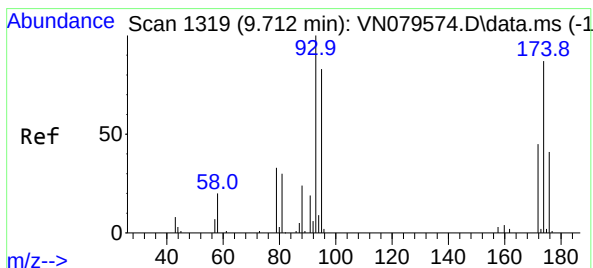
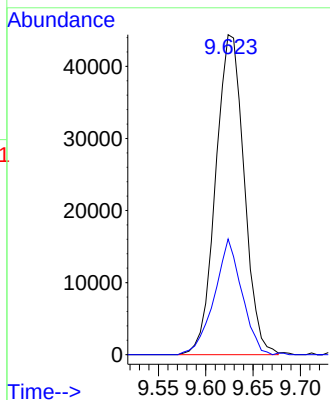
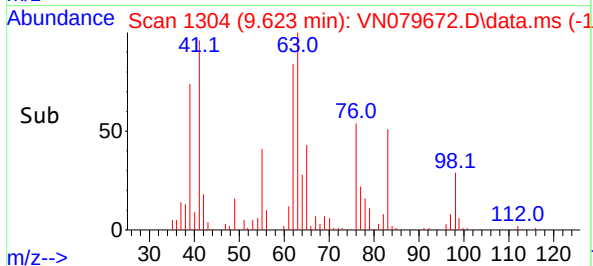
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



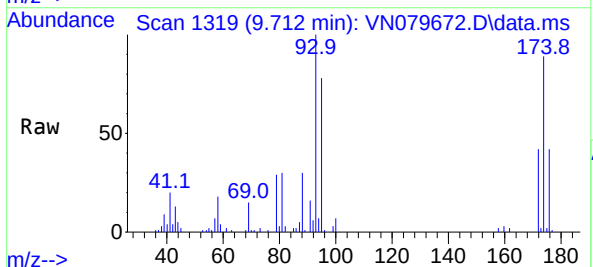
Tgt Ion: 63 Resp: 9276
Ion Ratio Lower Upper
63 100
65 36.1 25.3 37.9

Manual Integrations
APPROVED

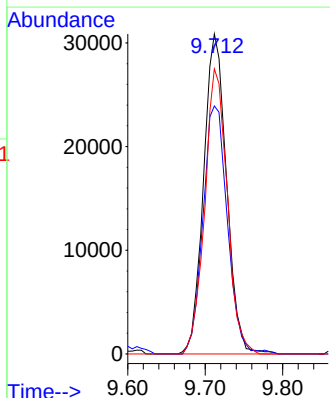
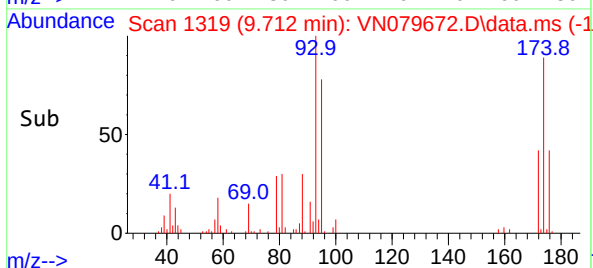
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

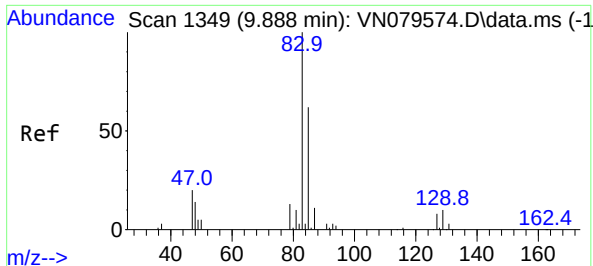


#40
Dibromomethane
Concen: 22.030 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



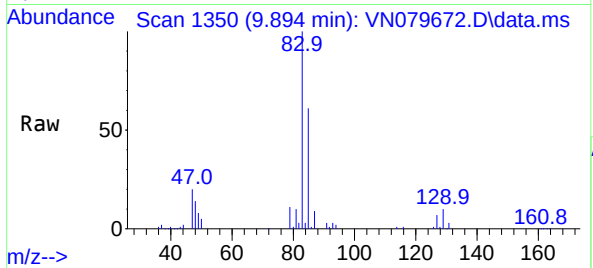
Tgt Ion: 93 Resp: 63514
Ion Ratio Lower Upper
93 100
95 82.2 0.0 166.6
174 87.4 0.0 171.0





#41
Bromodichloromethane
Concen: 22.212 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

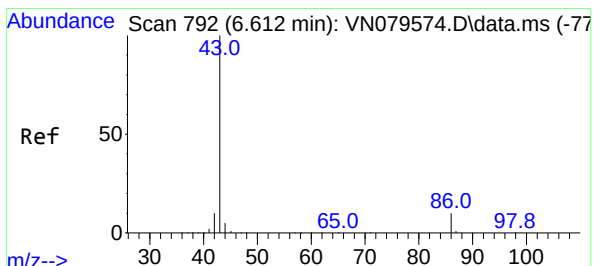
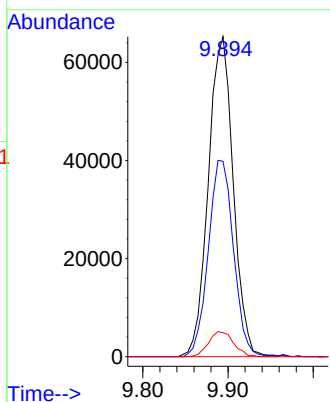
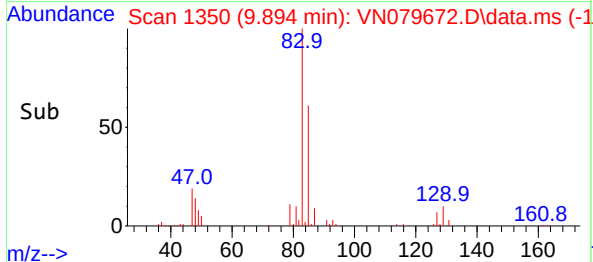
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 132715
Ion Ratio Lower Upper
83 100
85 61.0 50.3 75.5
127 7.5 6.8 10.2

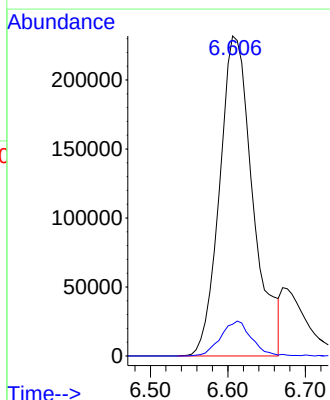
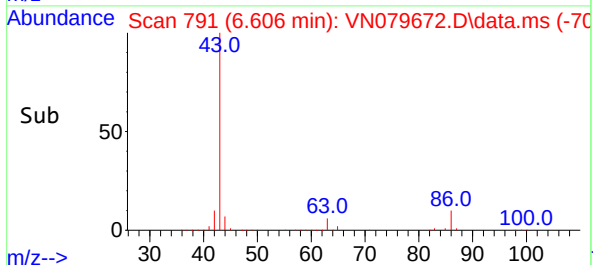
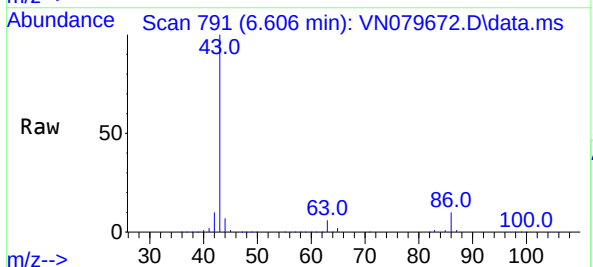
Manual Integrations
APPROVED

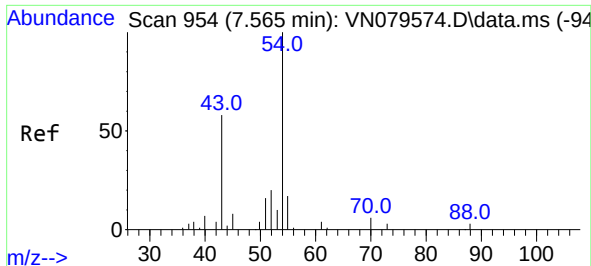
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#42
Vinyl Acetate
Concen: 99.691 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

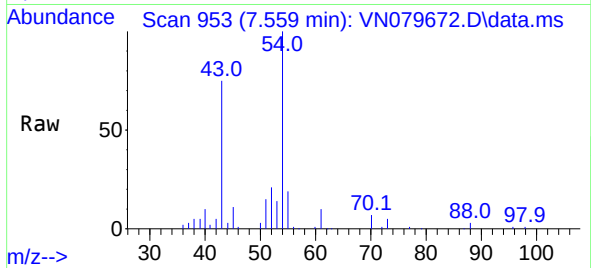
Tgt Ion: 43 Resp: 694557
Ion Ratio Lower Upper
43 100
86 9.9 8.2 12.2





#43
Ethyl Acetate
Concen: 22.351 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

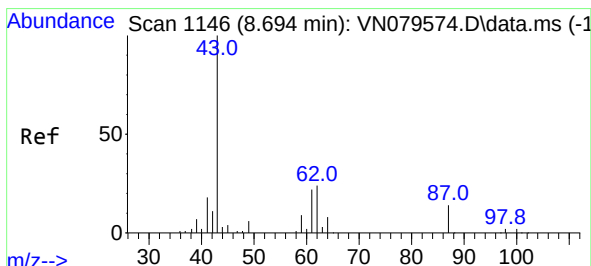
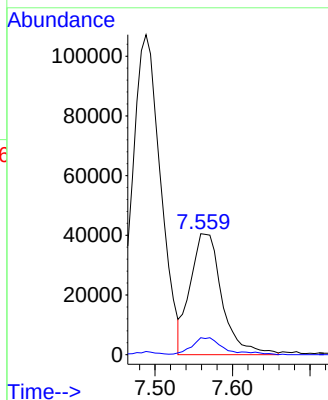
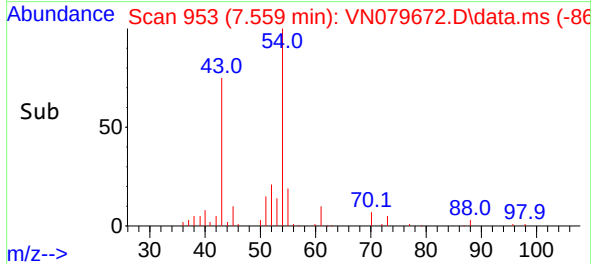
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



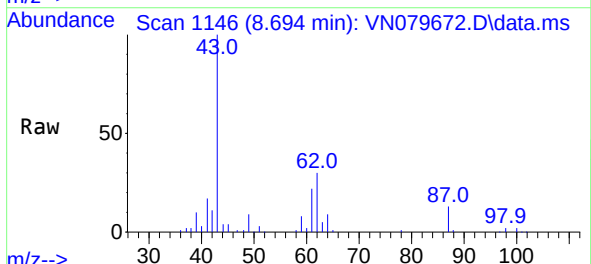
Tgt Ion: 43 Resp: 115434
Ion Ratio Lower Upper
43 100
45 11.7 11.8 17.8

Manual Integrations
APPROVED

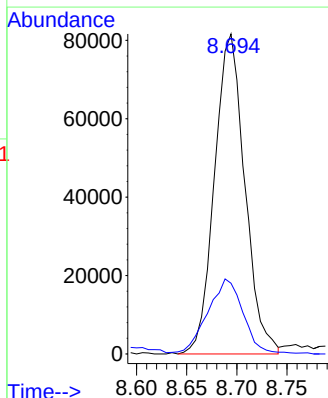
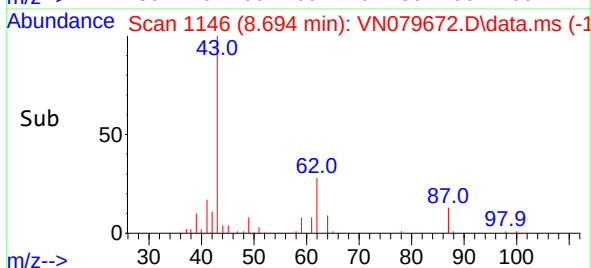
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

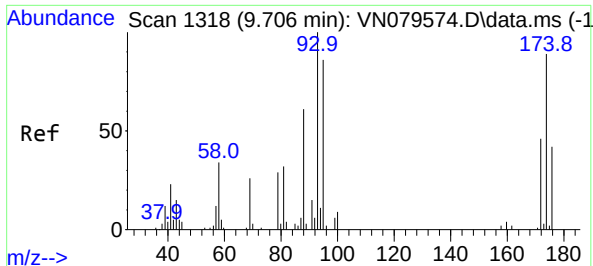


#44
Isopropyl Acetate
Concen: 18.689 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



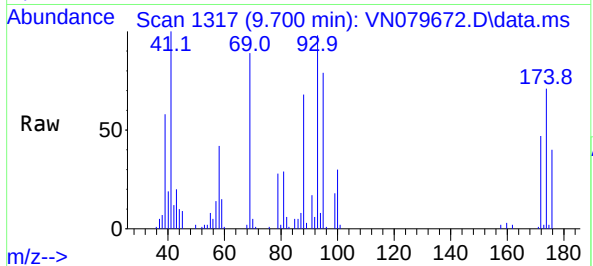
Tgt Ion: 43 Resp: 171577
Ion Ratio Lower Upper
43 100
61 27.5 20.3 30.5





#45
1,4-Dioxane
Concen: 404.598 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

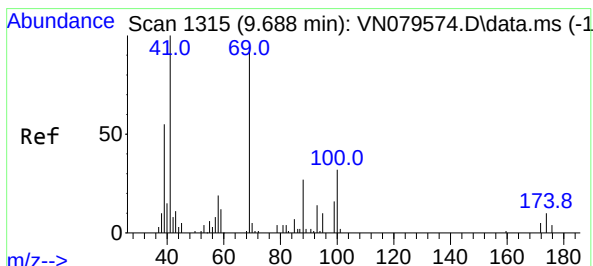
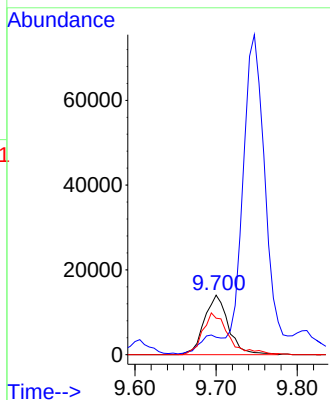
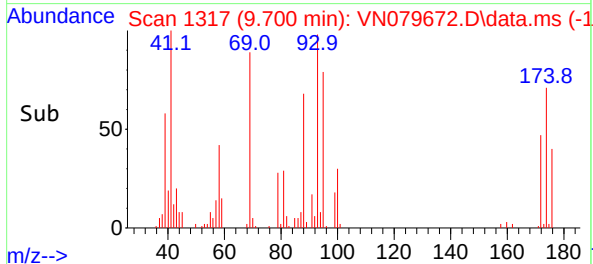
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



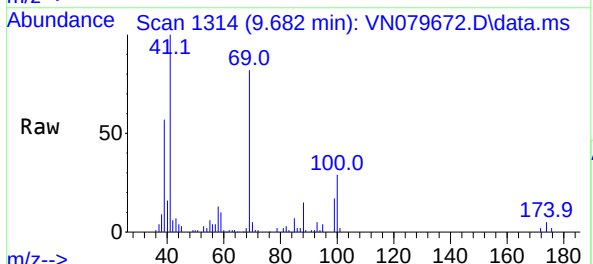
Tgt Ion: 88 Resp: 29070
Ion Ratio Lower Upper
88 100
43 27.4 28.7 43.1
58 69.4 56.9 85.3

Manual Integrations
APPROVED

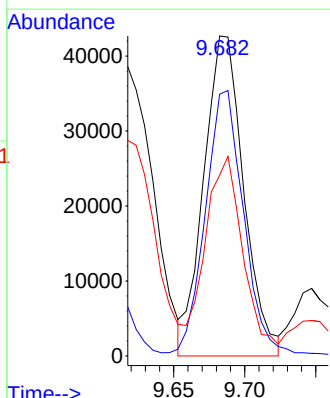
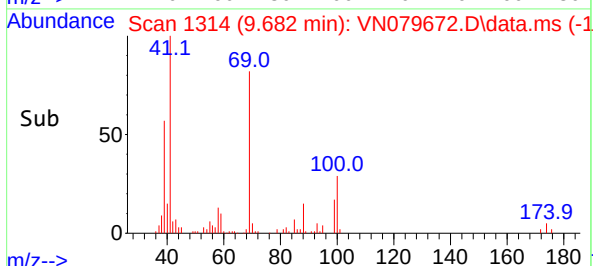
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

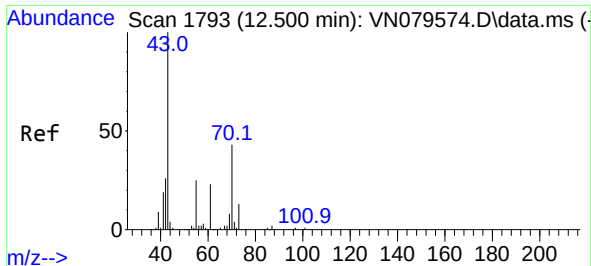


#46
Methyl methacrylate
Concen: 20.501 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



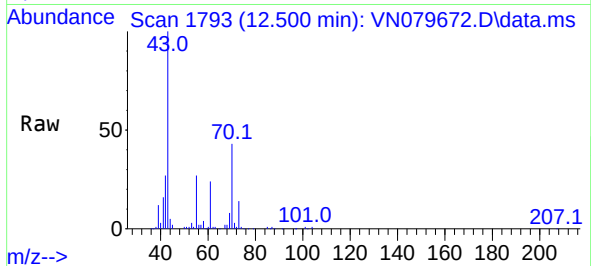
Tgt Ion: 41 Resp: 83500
Ion Ratio Lower Upper
41 100
69 84.9 40.0 119.9
39 56.2 31.1 93.3





#47
n-amyl acetate
Concen: 19.023 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

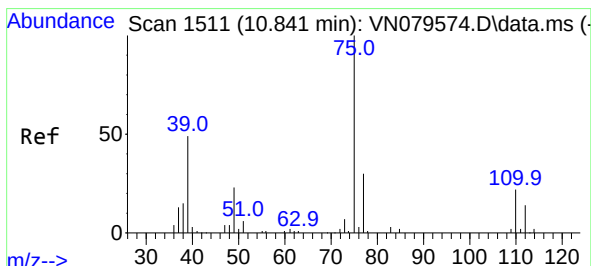
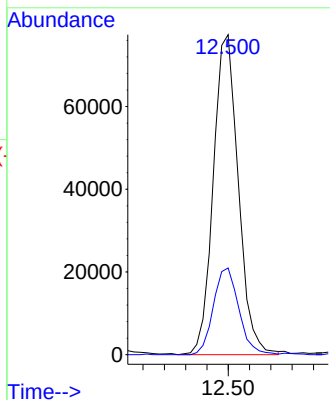
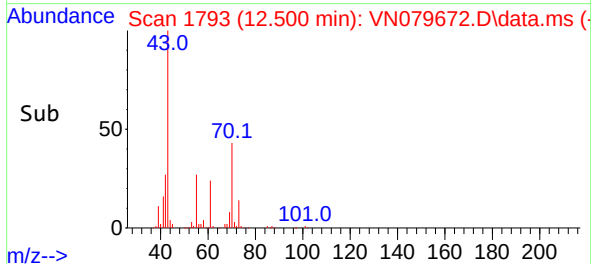
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



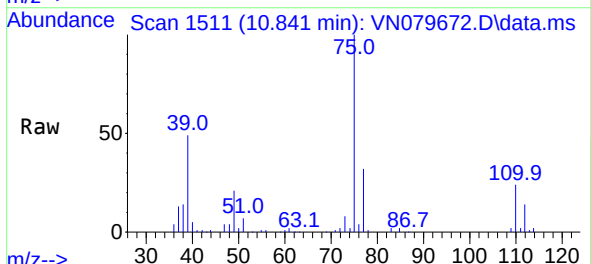
Tgt Ion: 43 Resp: 12604
Ion Ratio Lower Upper
43 100
55 27.4 20.7 31.1

Manual Integrations
APPROVED

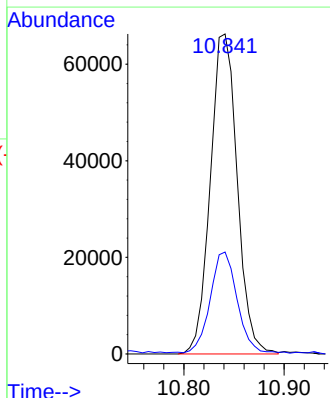
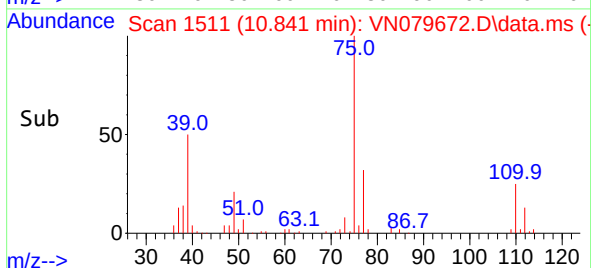
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

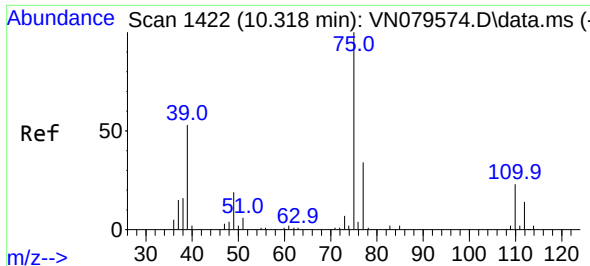


#48
t-1,3-Dichloropropene
Concen: 20.459 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



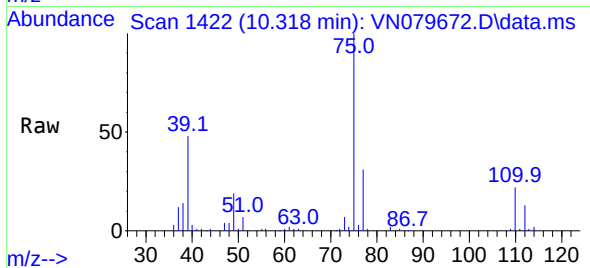
Tgt Ion: 75 Resp: 123578
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 21.070 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

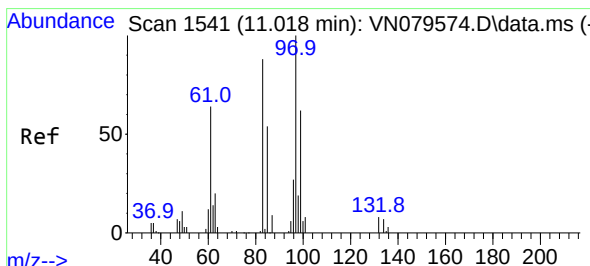
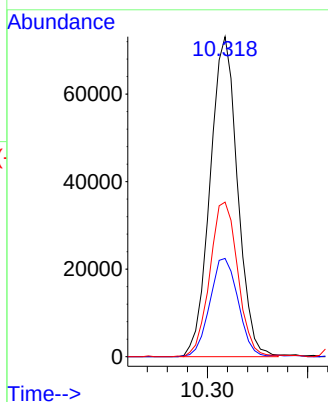
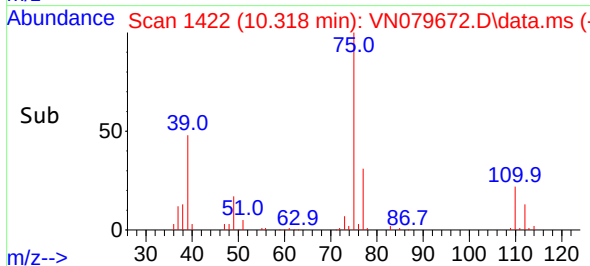
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



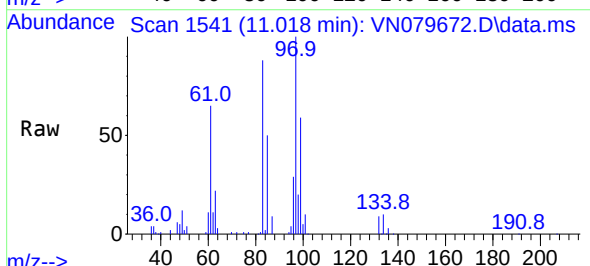
Tgt Ion: 75 Resp: 13916
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
39 48.1 42.4 63.6

Manual Integrations
APPROVED

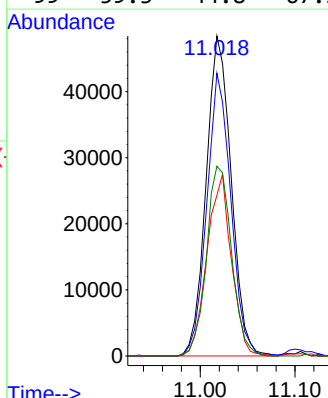
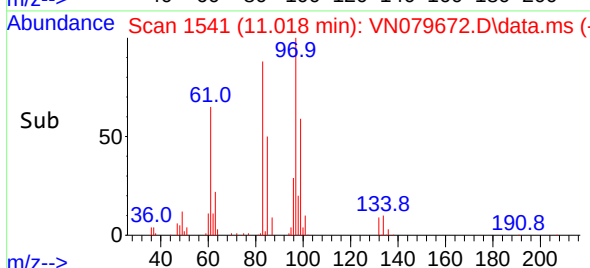
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

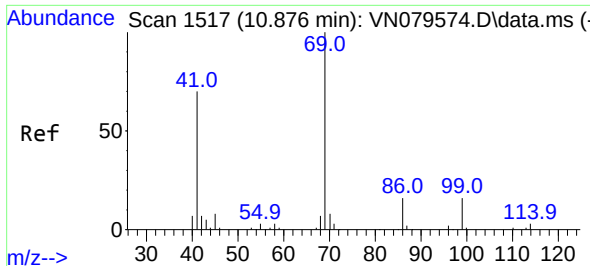


#50
1,1,2-Trichloroethane
Concen: 22.308 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



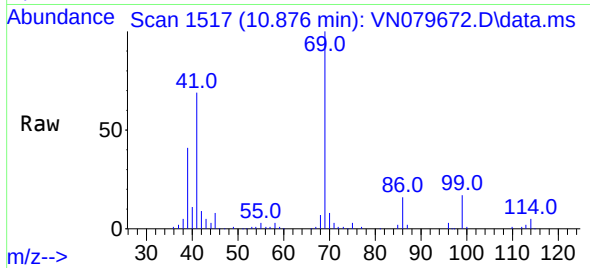
Tgt Ion: 97 Resp: 89225
Ion Ratio Lower Upper
97 100
83 88.4 68.2 102.4
85 50.2 42.9 64.3
99 59.3 44.8 67.2





#51
Ethyl methacrylate
Concen: 19.897 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

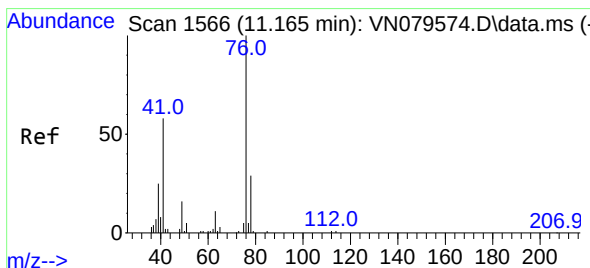
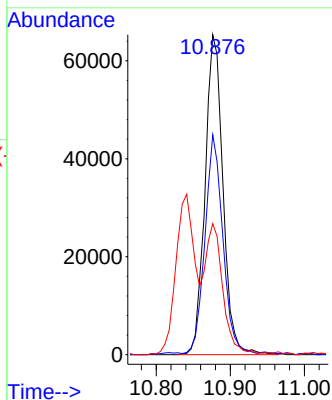
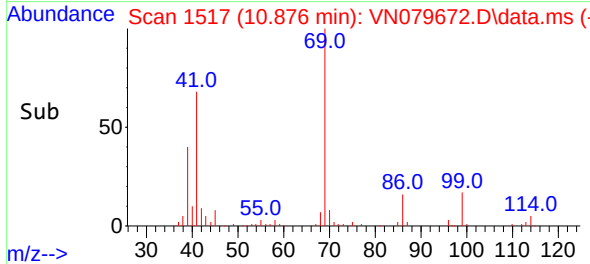
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



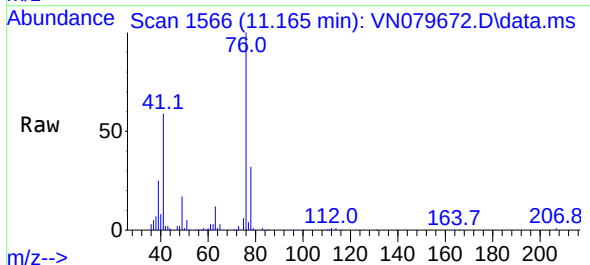
Tgt Ion: 69 Resp: 109799
Ion Ratio Lower Upper
69 100
41 68.4 33.8 101.3
39 40.0 21.3 63.9

Manual Integrations
APPROVED

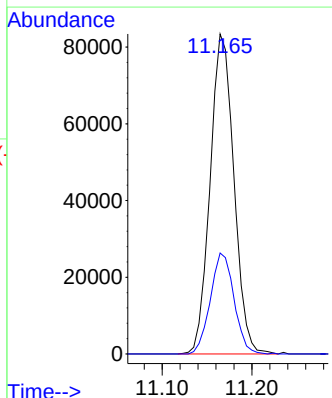
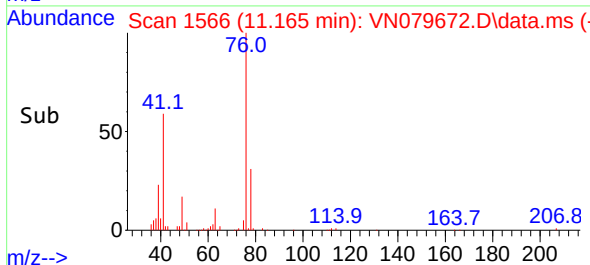
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

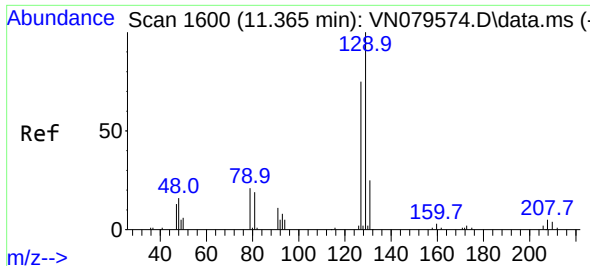


#52
1,3-Dichloropropane
Concen: 21.657 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion: 76 Resp: 153452
Ion Ratio Lower Upper
76 100
78 31.4 0.0 64.0





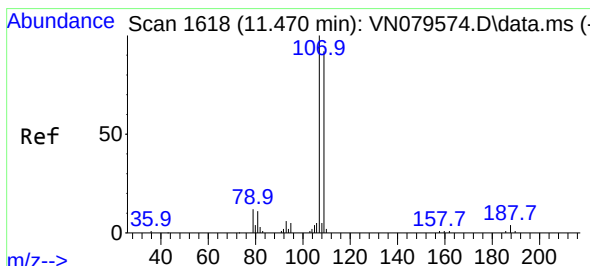
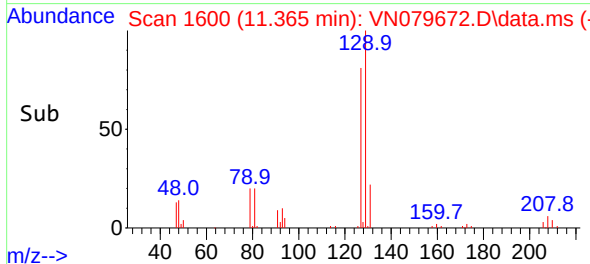
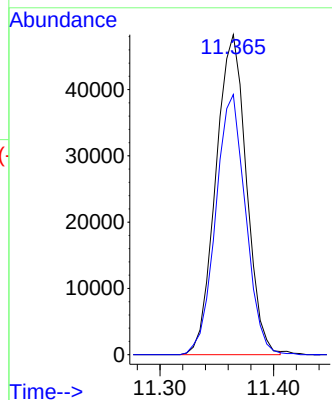
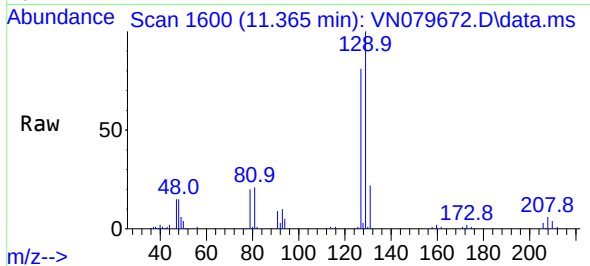
#53
Dibromochloromethane
Concen: 22.058 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 90169
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.3

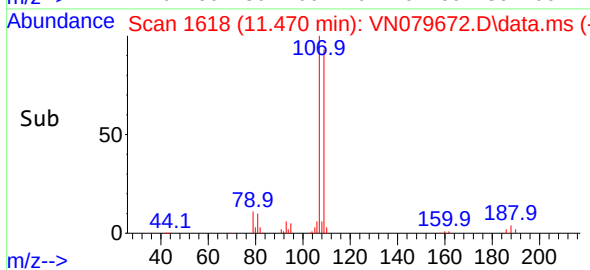
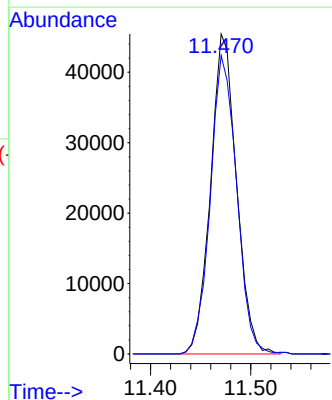
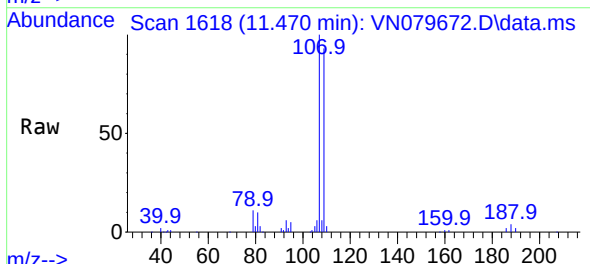
Manual Integrations
APPROVED

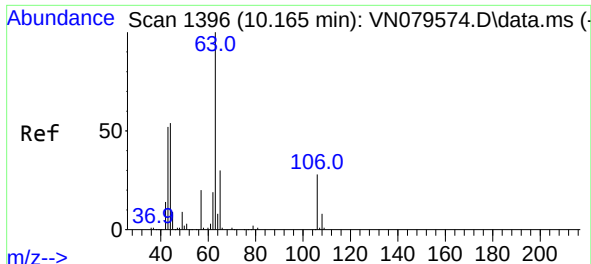
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#54
1,2-Dibromoethane
Concen: 20.699 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

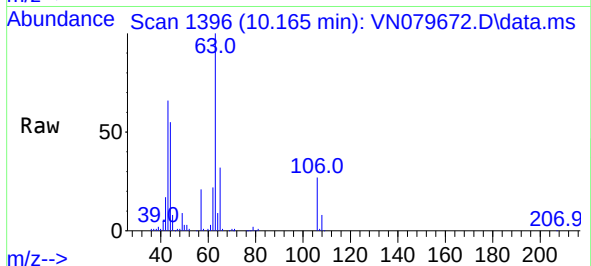
Tgt Ion:107 Resp: 81675
Ion Ratio Lower Upper
107 100
109 94.4 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 93.467 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

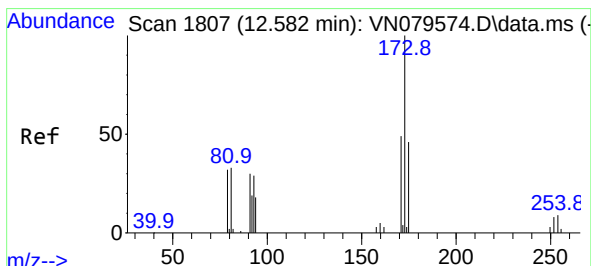
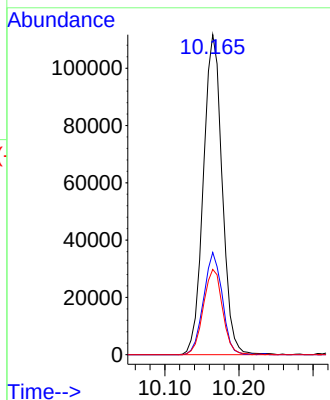
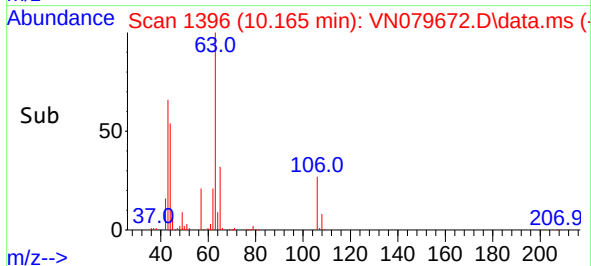
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



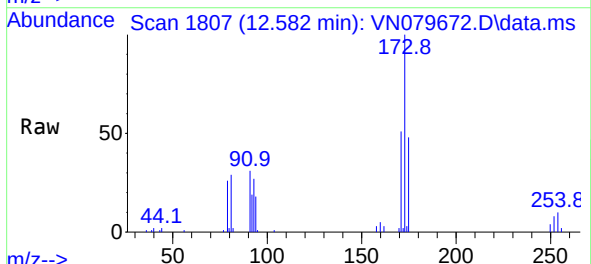
Tgt Ion: 63 Resp: 196785
Ion Ratio Lower Upper
63 100
65 31.5 25.9 38.9
106 27.2 20.6 30.8

Manual Integrations
APPROVED

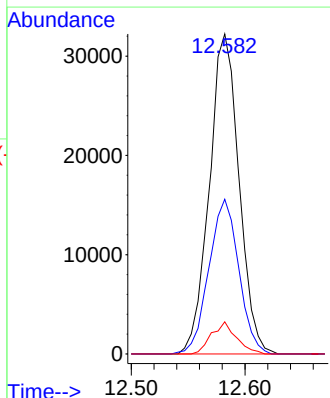
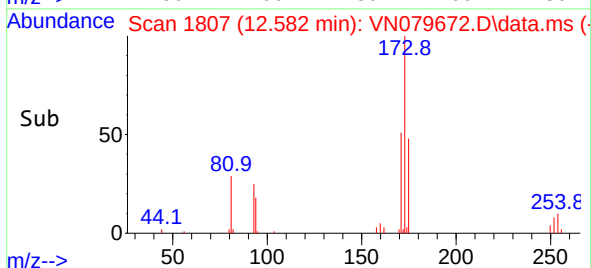
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

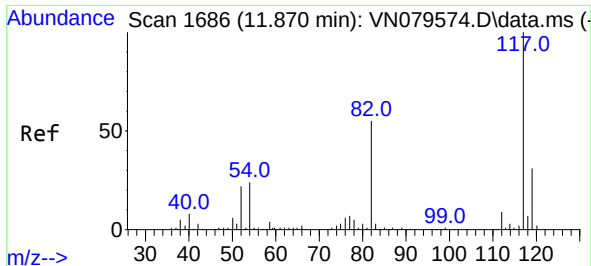


#56
Bromoform
Concen: 21.617 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



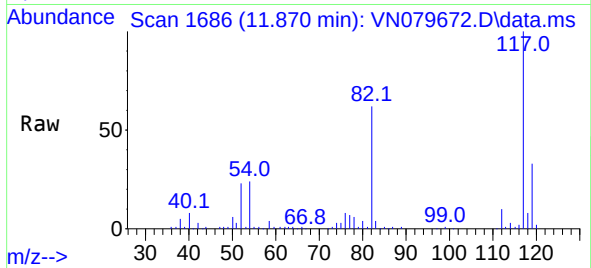
Tgt Ion:173 Resp: 58457
Ion Ratio Lower Upper
173 100
175 48.7 37.9 56.9
254 8.4 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

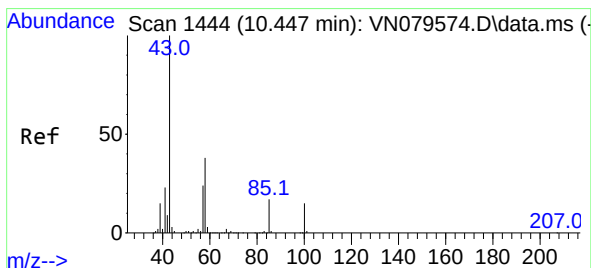
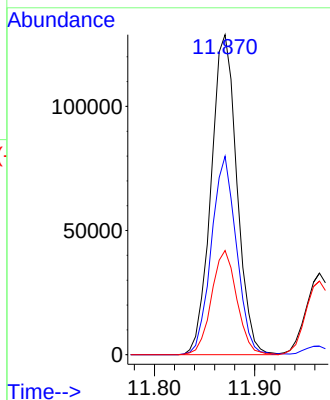
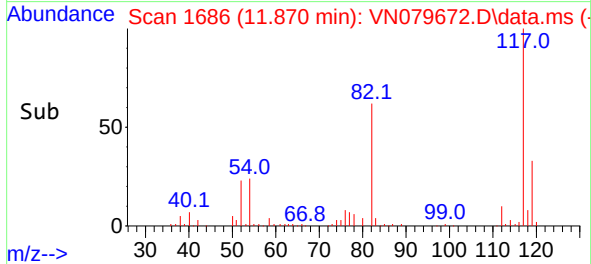
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



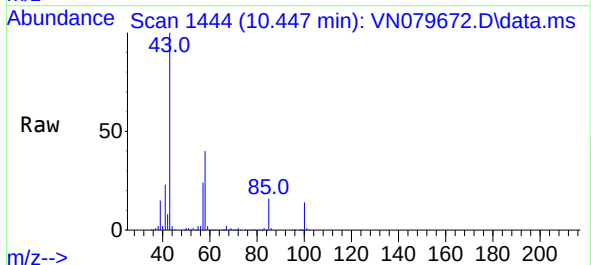
Tgt Ion:117 Resp: 230519
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.2
119 32.0 25.2 37.8

Manual Integrations
APPROVED

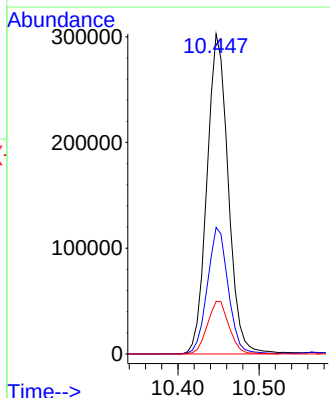
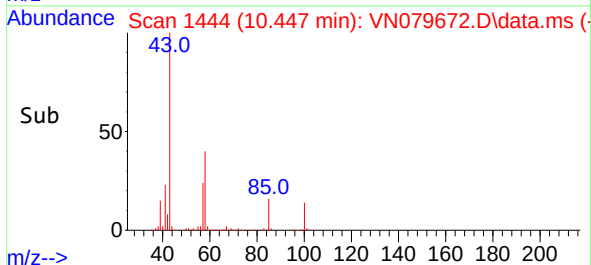
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

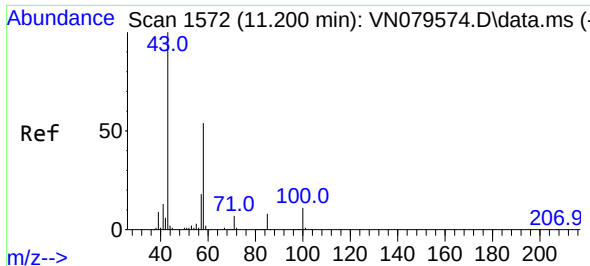


#58
4-Methyl-2-Pentanone
Concen: 102.406 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



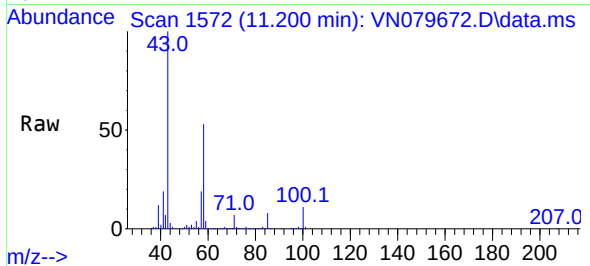
Tgt Ion: 43 Resp: 550613
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6
85 16.8 13.2 19.8





#59
2-Hexanone
Concen: 100.097 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

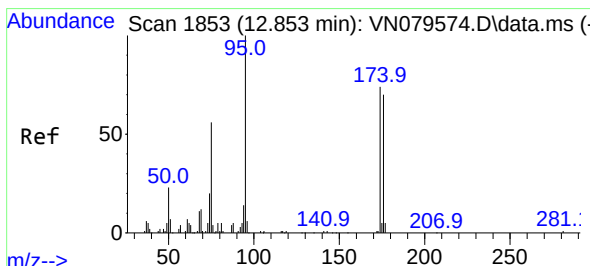
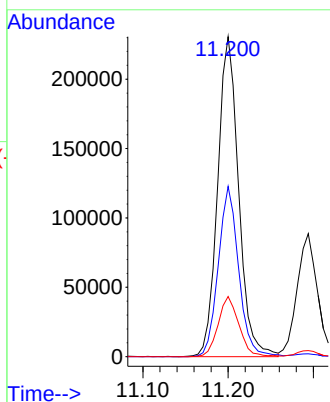
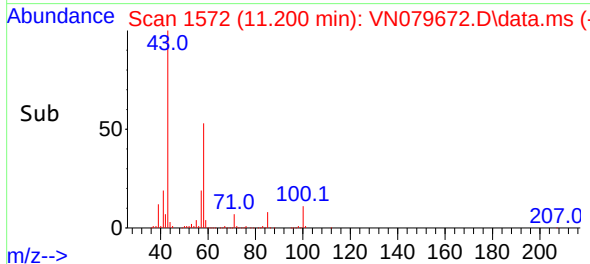
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



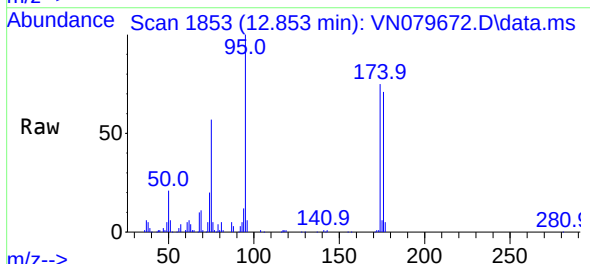
Tgt Ion: 43 Resp: 39484
Ion Ratio Lower Upper
43 100
58 51.6 42.3 63.5
57 18.5 13.9 20.9

Manual Integrations
APPROVED

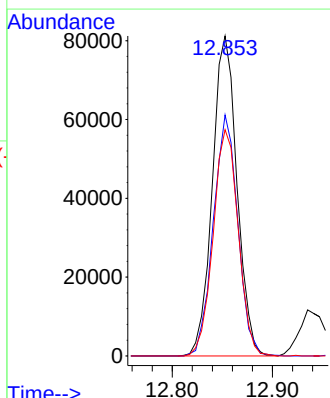
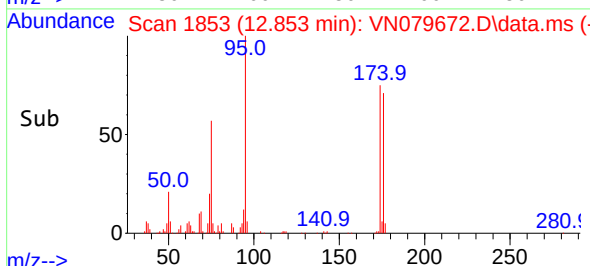
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

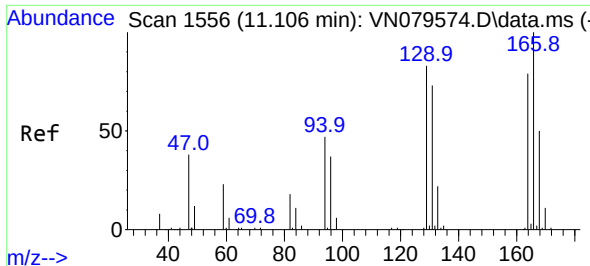


#60
4-Bromofluorobenzene
Concen: 32.807 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



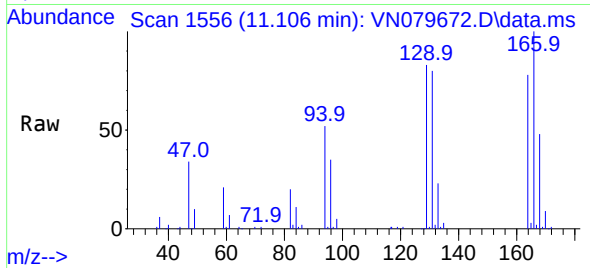
Tgt Ion: 95 Resp: 138298
Ion Ratio Lower Upper
95 100
174 74.8 60.5 90.7
176 72.0 57.2 85.8





#61
Tetrachloroethene
Concen: 21.926 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

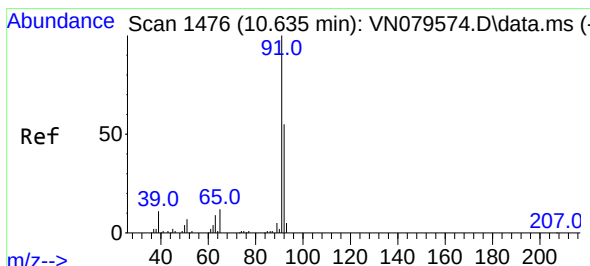
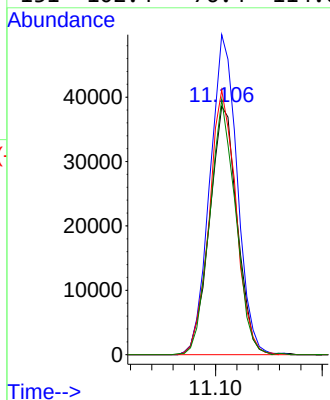
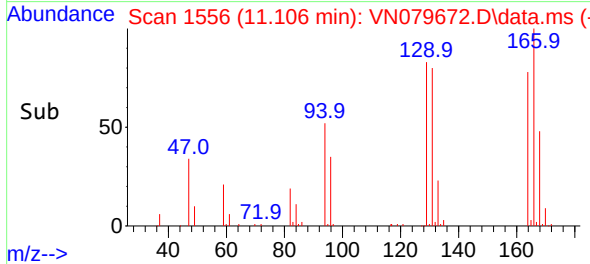
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



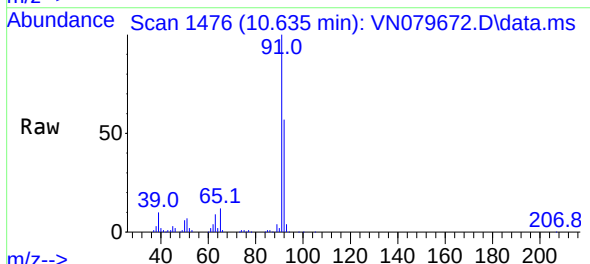
Tgt Ion:164 Resp: 69390
Ion Ratio Lower Upper
164 100
166 128.9 98.2 147.4
129 106.5 75.0 112.4
131 102.4 76.4 114.6

Manual Integrations
APPROVED

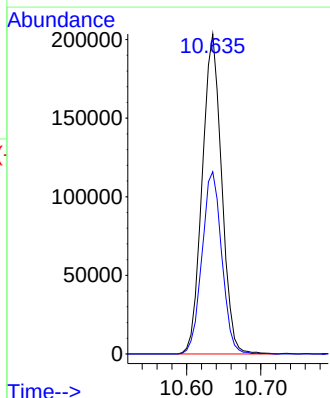
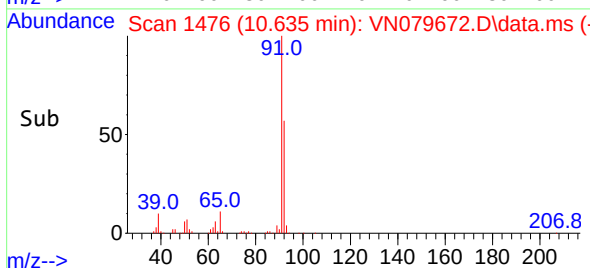
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

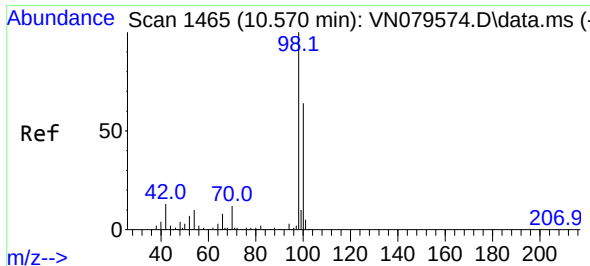


#62
Toluene
Concen: 21.055 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



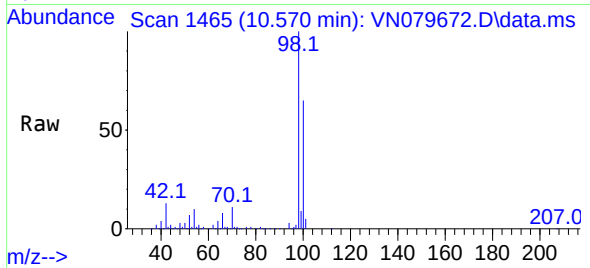
Tgt Ion: 91 Resp: 370932
Ion Ratio Lower Upper
91 100
92 57.8 45.3 67.9





#63
Toluene-d8
Concen: 31.360 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

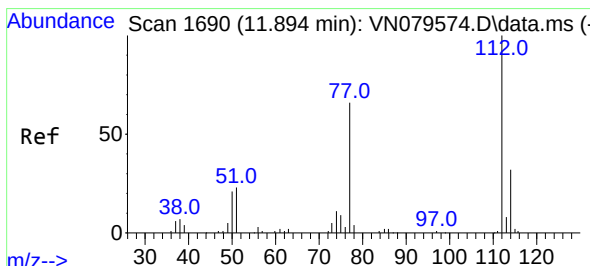
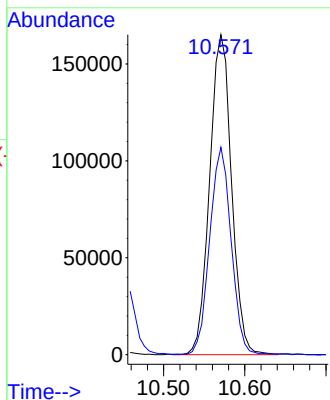
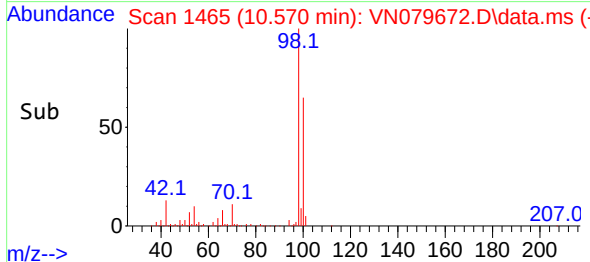
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



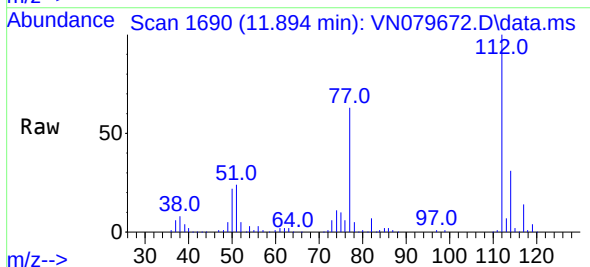
Tgt Ion: 98 Resp: 309769
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

Manual Integrations
APPROVED

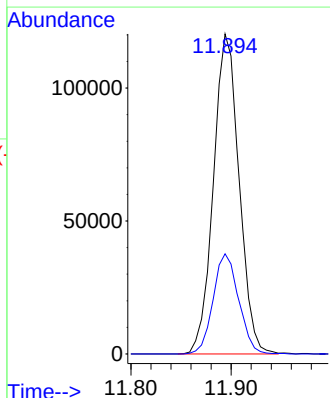
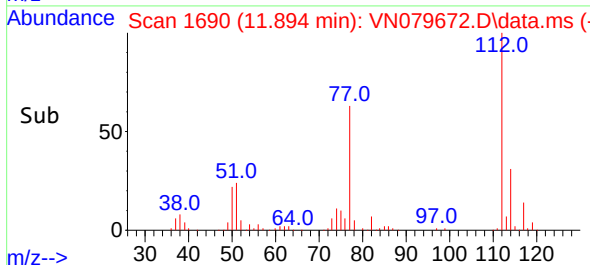
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

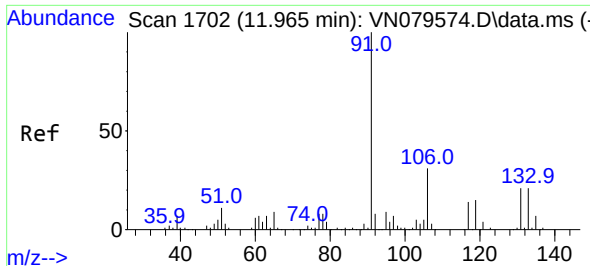


#64
Chlorobenzene
Concen: 20.930 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion:112 Resp: 213858
Ion Ratio Lower Upper
112 100
114 31.3 28.1 42.1





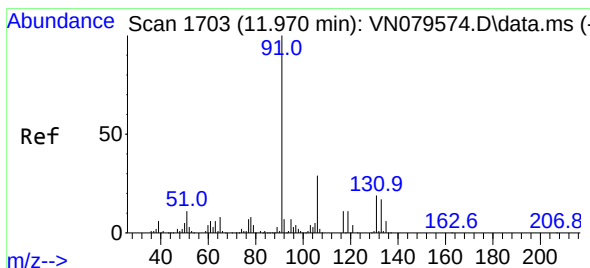
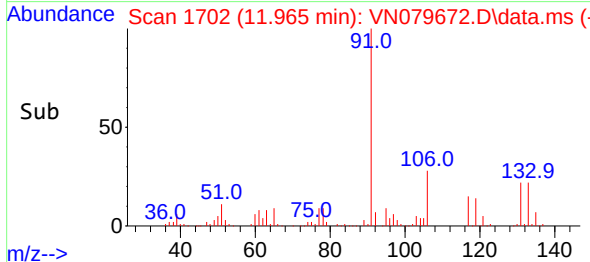
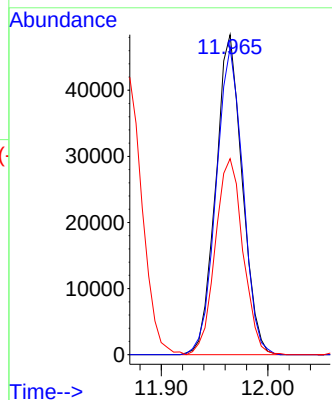
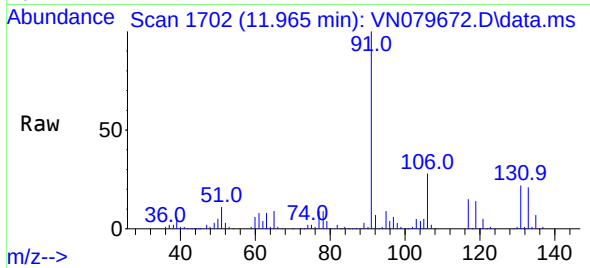
#65
1,1,1,2-Tetrachloroethane
Concen: 21.487 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 8363
Ion Ratio Lower Upper
131 100
133 97.0 0.0 196.0
119 64.1 0.0 135.6

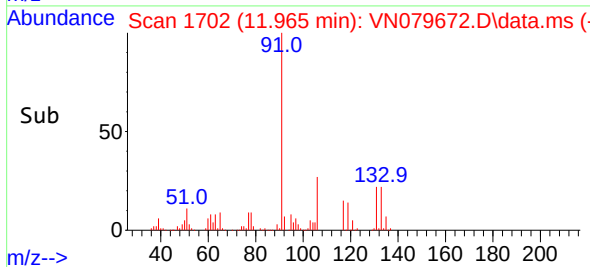
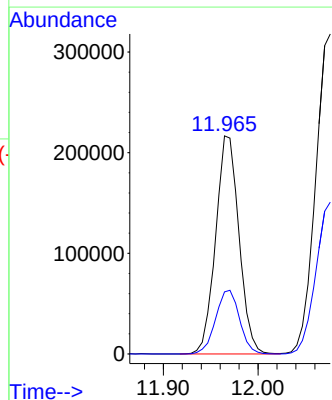
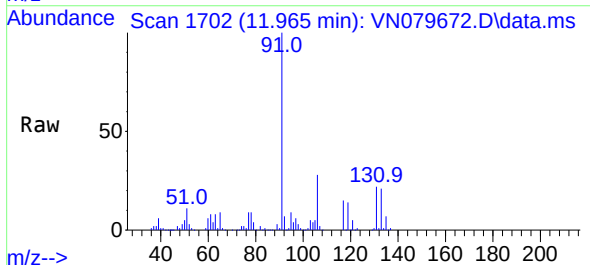
Manual Integrations
APPROVED

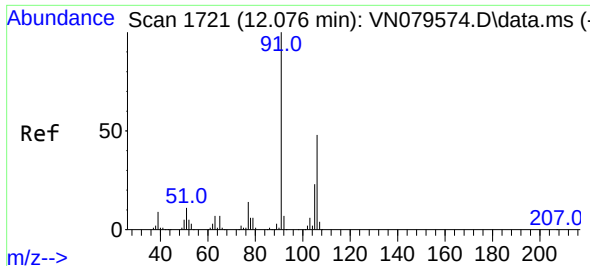
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#66
Ethyl Benzene
Concen: 20.487 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

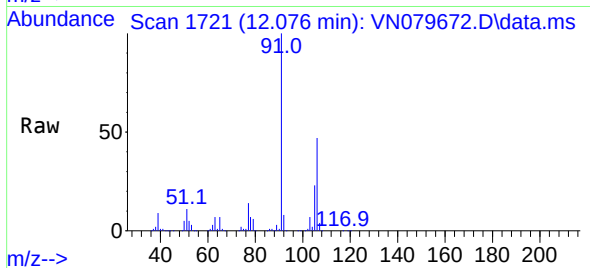
Tgt Ion: 91 Resp: 371889
Ion Ratio Lower Upper
91 100
106 28.5 23.8 35.8





#67
m/p-Xylenes
Concen: 43.047 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

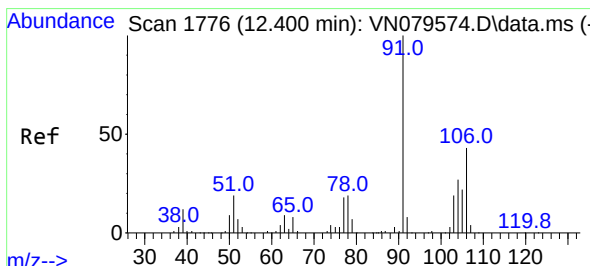
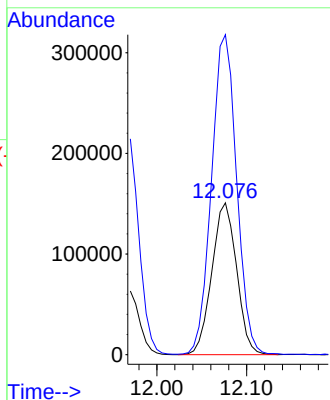
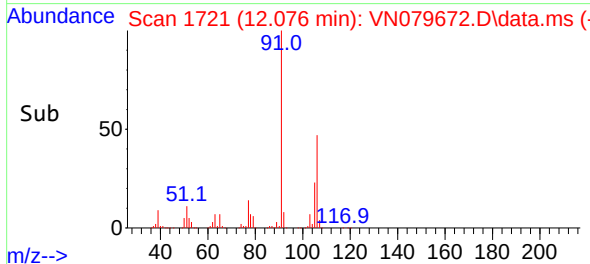
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



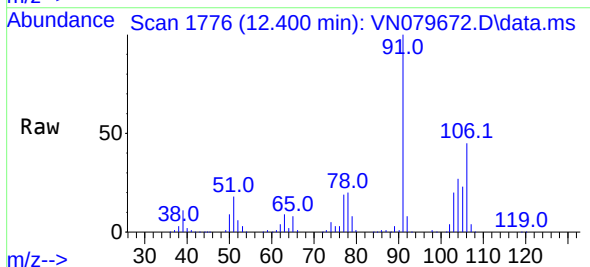
Tgt Ion:106 Resp: 289010
Ion Ratio Lower Upper
106 100
91 213.2 161.8 242.6

Manual Integrations
APPROVED

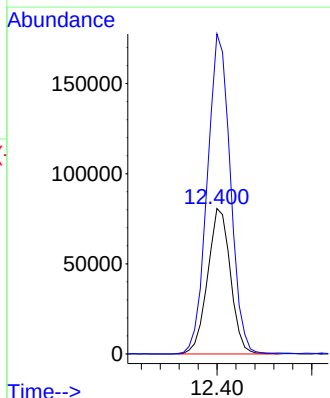
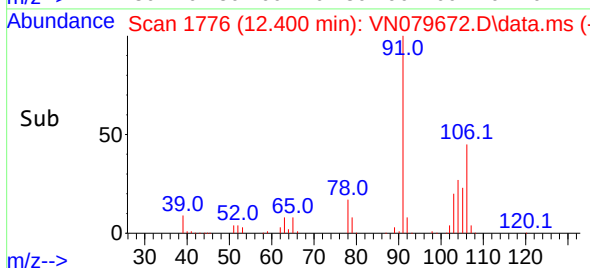
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

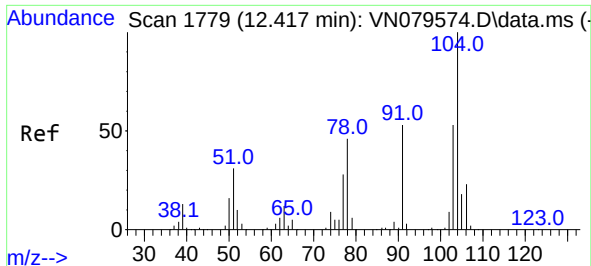


#68
o-Xylene
Concen: 21.068 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion:106 Resp: 135223
Ion Ratio Lower Upper
106 100
91 222.7 109.9 329.7





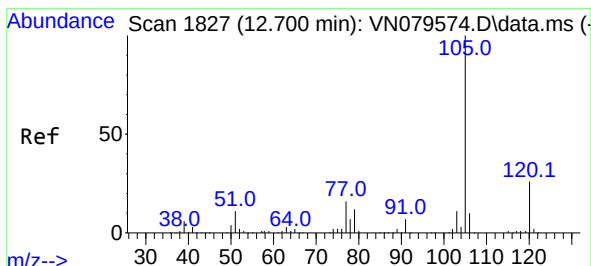
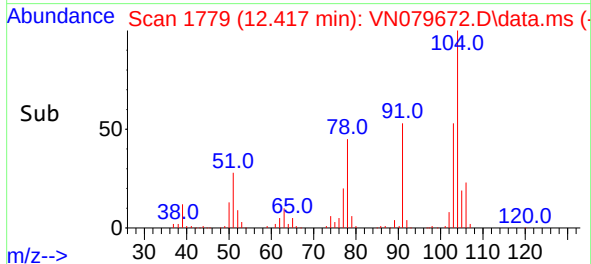
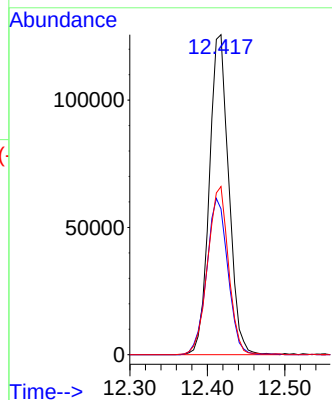
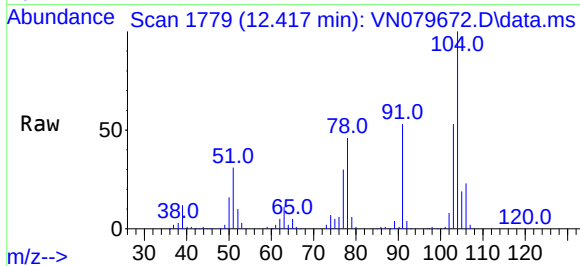
#69
Styrene
Concen: 21.497 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 21903
Ion Ratio Lower Upper
104 100
78 53.2 41.2 61.8
103 56.4 43.1 64.7

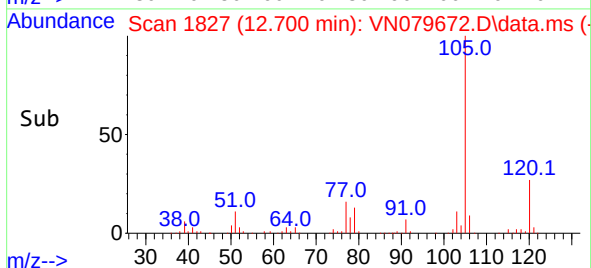
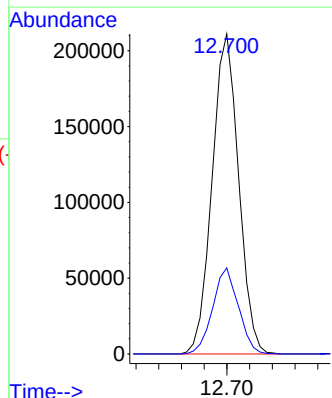
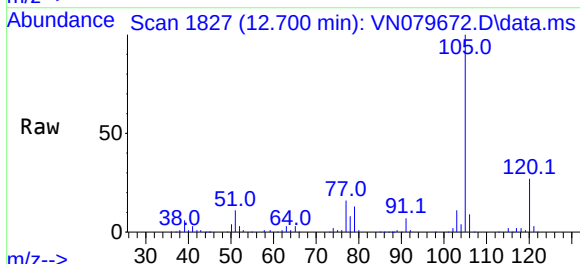
Manual Integrations
APPROVED

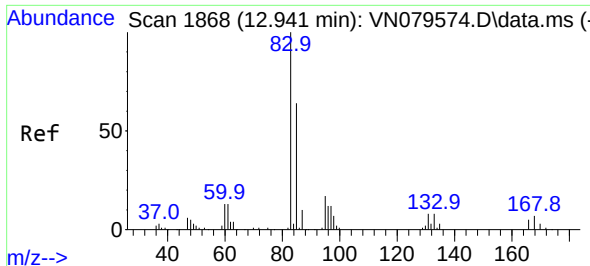
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#70
Isopropylbenzene
Concen: 20.748 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

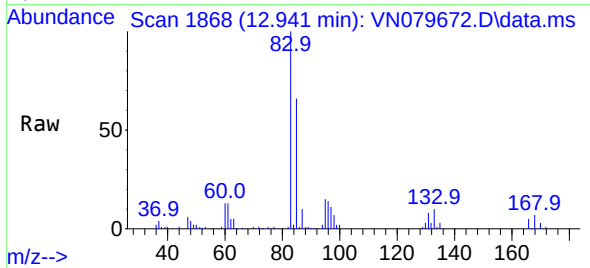
Tgt Ion:105 Resp: 341752
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.230 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

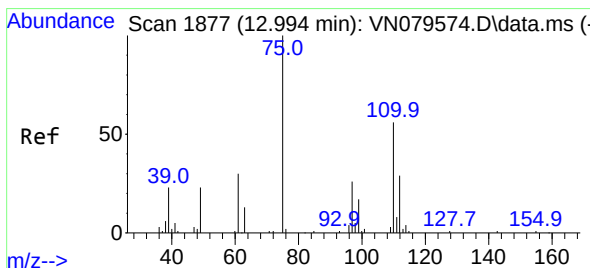
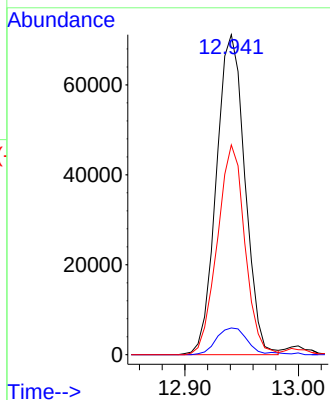
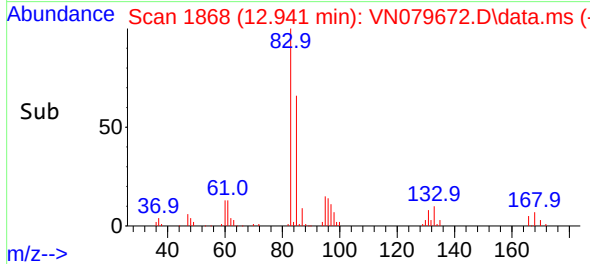
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



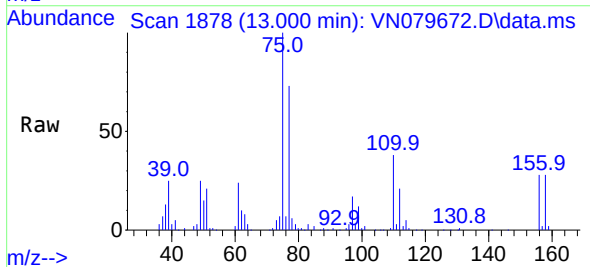
Tgt Ion: 83 Resp: 124338
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.4
85 63.1 32.1 96.3

Manual Integrations
APPROVED

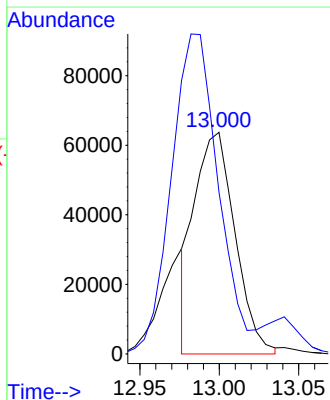
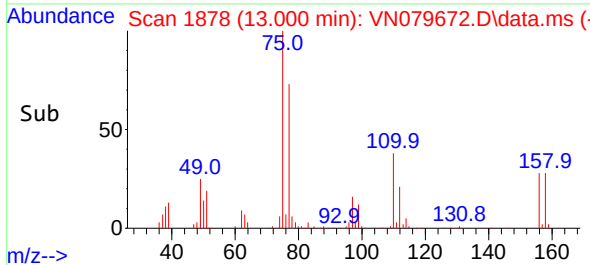
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

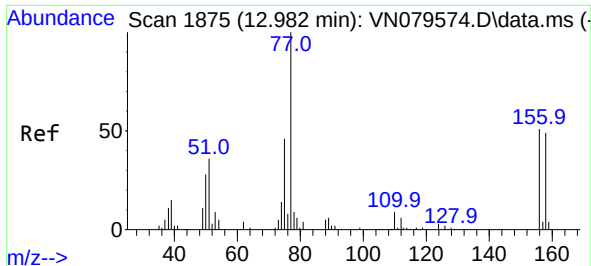


#72
1,2,3-Trichloropropane
Concen: 21.241 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



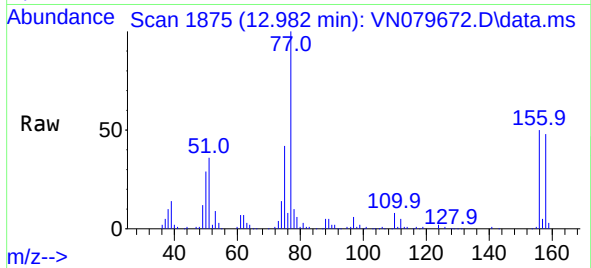
Tgt Ion: 75 Resp: 112975
Ion Ratio Lower Upper
75 100
77 166.2 0.0 338.2





#73
Bromobenzene
Concen: 20.972 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

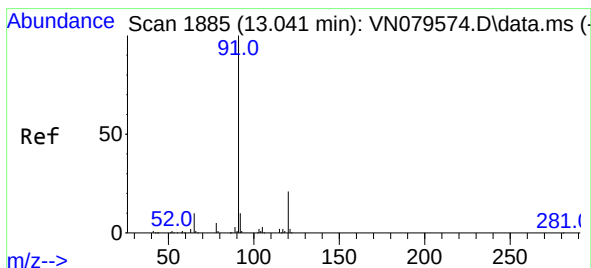
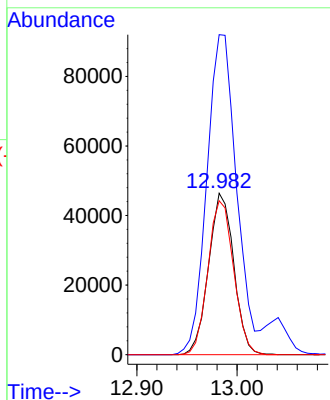
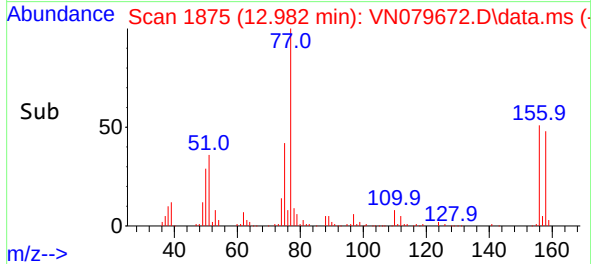
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



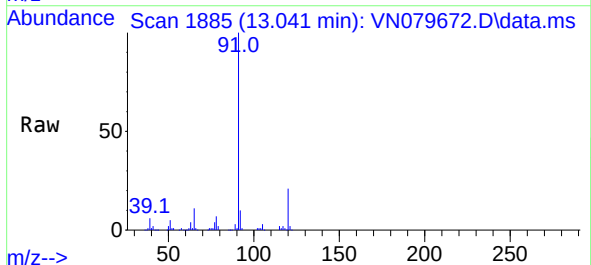
Tgt Ion:156 Resp: 81148
Ion Ratio Lower Upper
156 100
77 231.3 0.0 448.2
158 97.1 0.0 194.8

Manual Integrations
APPROVED

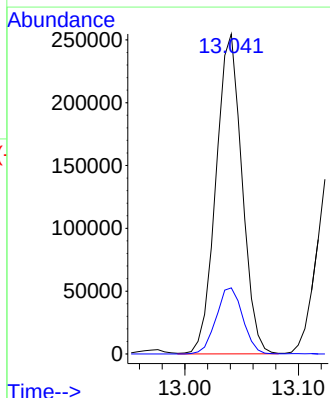
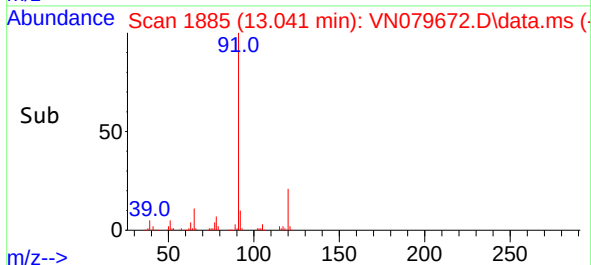
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

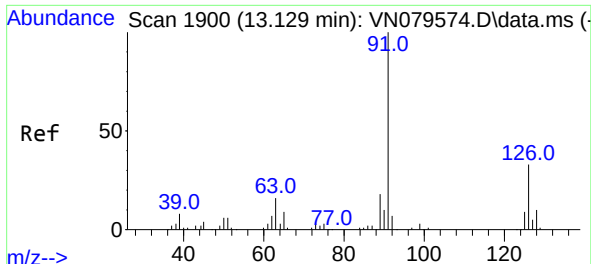


#74
n-propylbenzene
Concen: 21.143 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion: 91 Resp: 405450
Ion Ratio Lower Upper
91 100
120 21.1 0.0 42.0





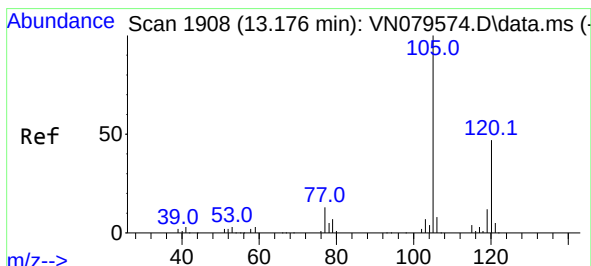
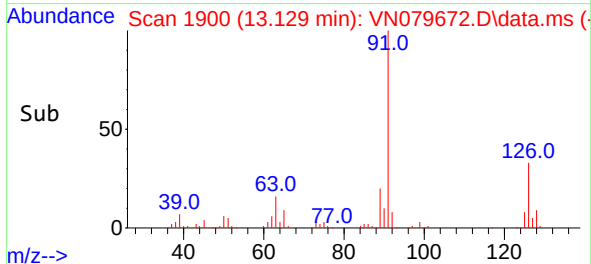
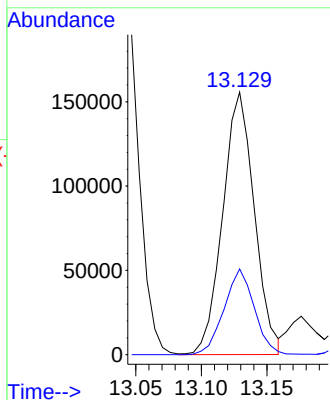
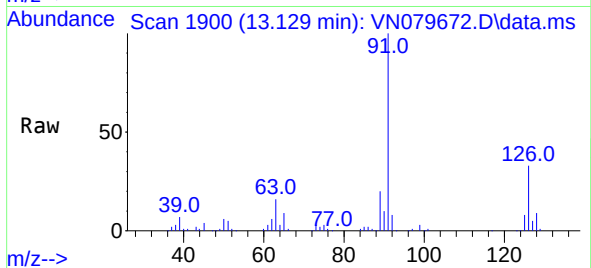
#75
2-Chlorotoluene
Concen: 21.943 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 261590
Ion Ratio Lower Upper
91 100
126 31.3 0.0 64.6

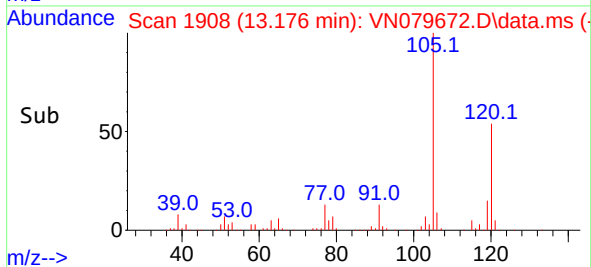
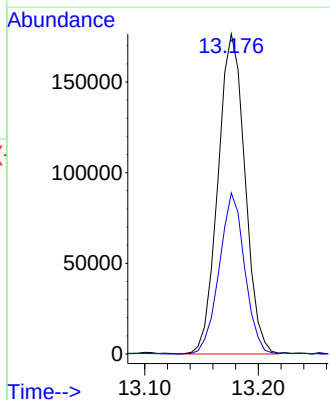
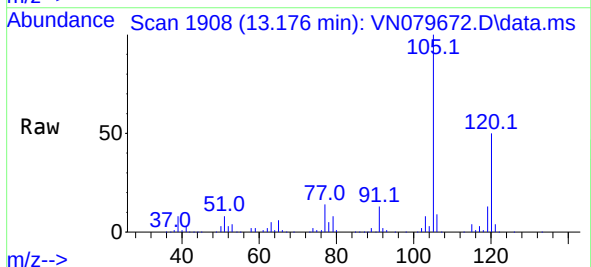
Manual Integrations
APPROVED

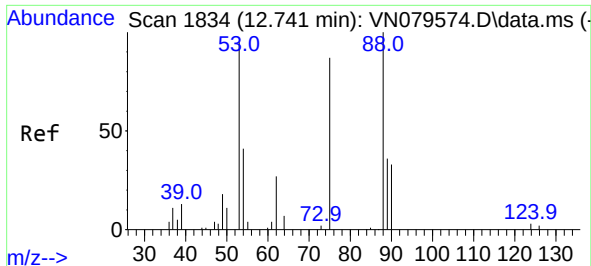
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.647 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Tgt Ion:105 Resp: 291481
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.2





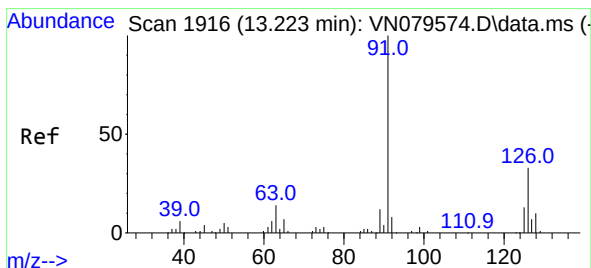
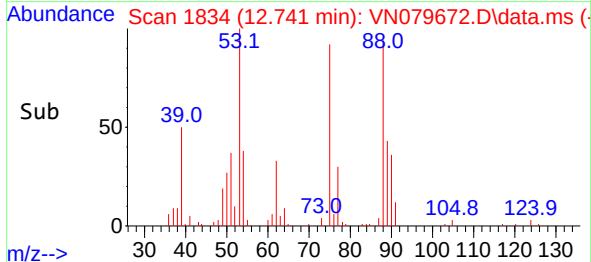
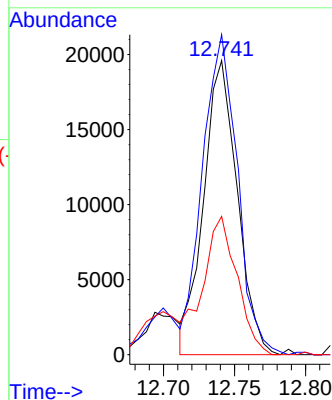
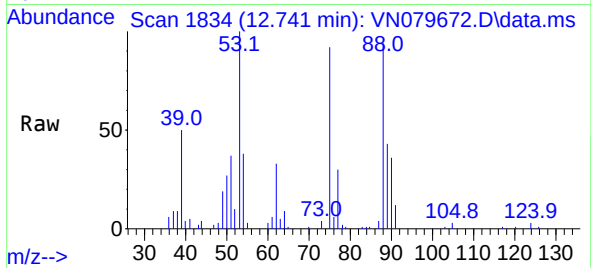
#77
t-1,4-Dichloro-2-butene
Concen: 19.917 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 3233
Ion Ratio Lower Upper
75 100
53 107.8 53.0 159.1
89 47.0 22.6 67.7

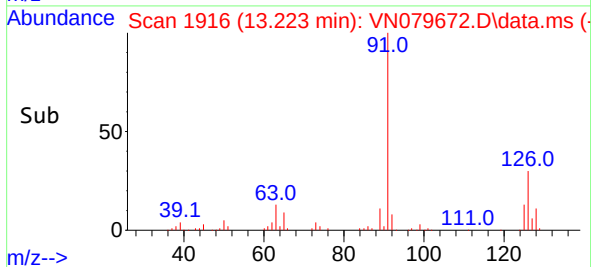
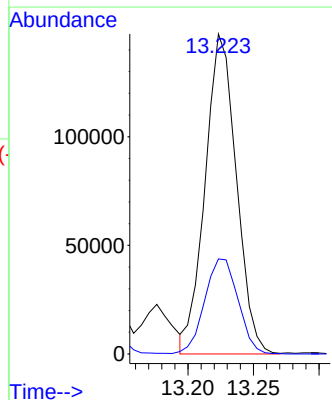
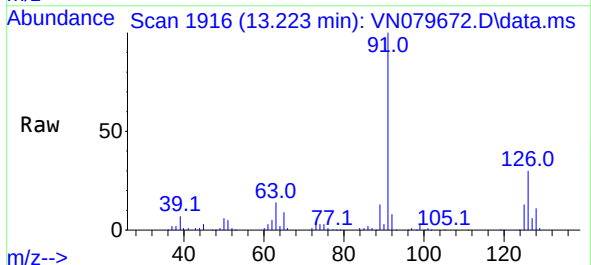
Manual Integrations
APPROVED

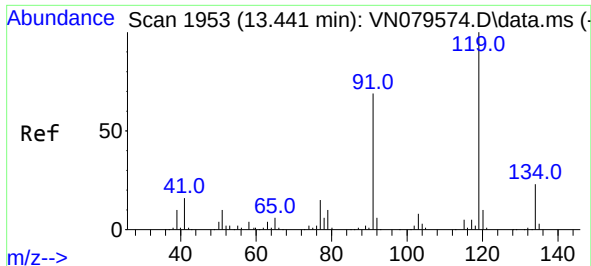
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#78
4-Chlorotoluene
Concen: 21.692 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Tgt Ion: 91 Resp: 244336
Ion Ratio Lower Upper
91 100
126 31.8 0.0 65.4





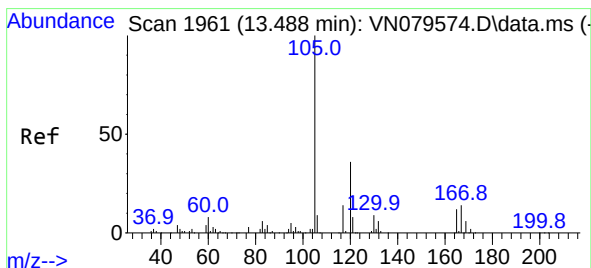
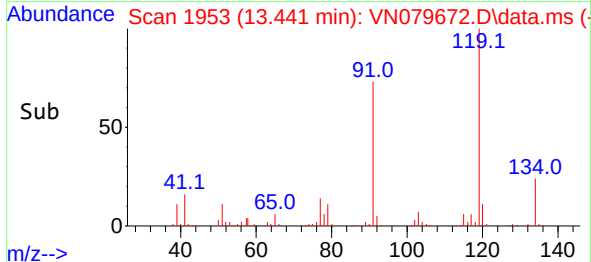
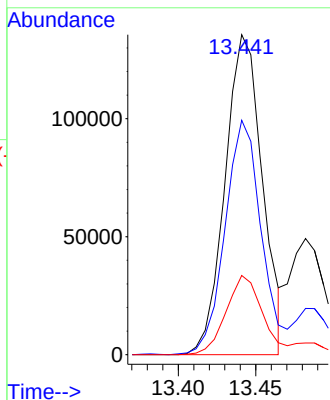
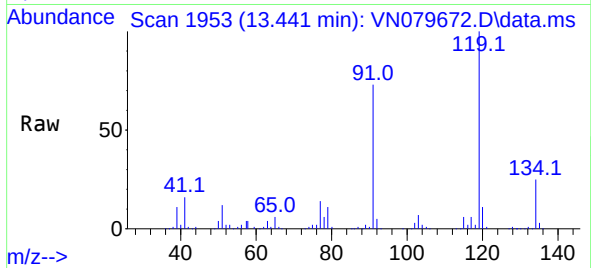
#79
tert-butylbenzene
Concen: 20.993 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 227275
Ion Ratio Lower Upper
119 100
91 71.5 0.0 140.6
134 24.1 0.0 49.8

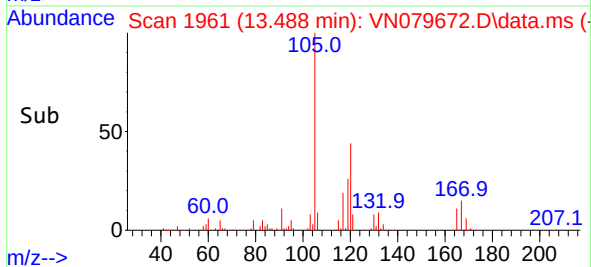
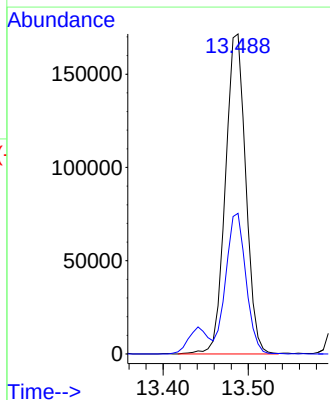
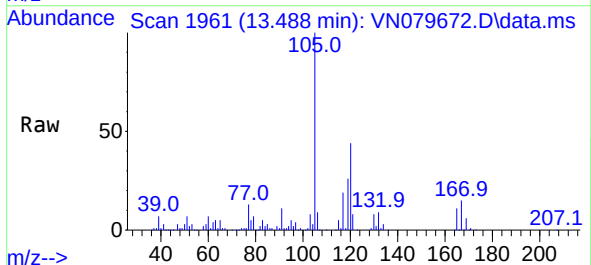
Manual Integrations
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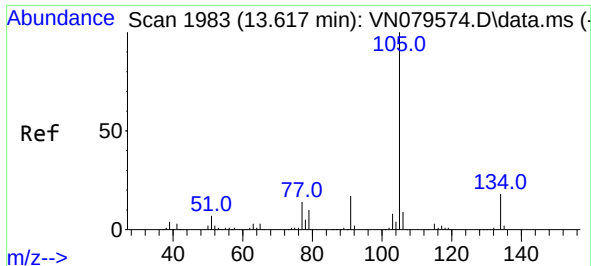
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.864 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

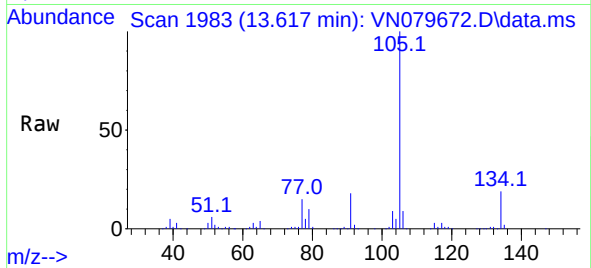
Tgt Ion:105 Resp: 285263
Ion Ratio Lower Upper
105 100
120 43.3 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 20.726 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079672.D
 Acq: 25 Oct 2023 10:30

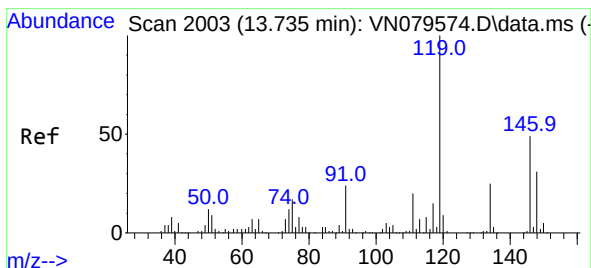
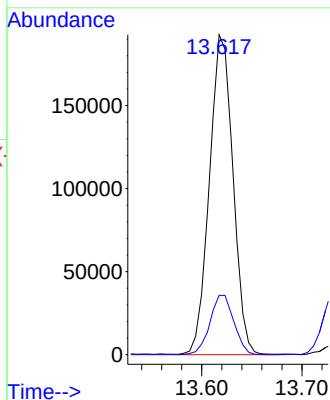
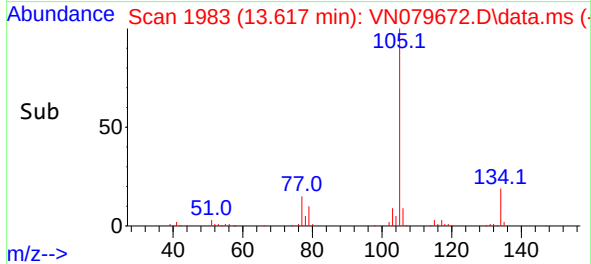
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



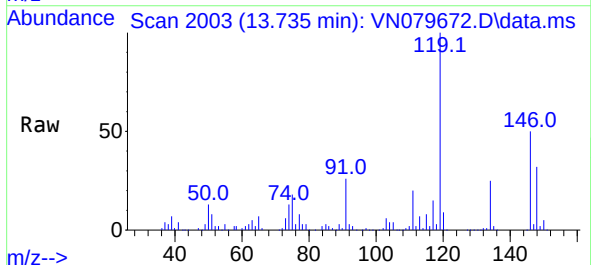
Tgt Ion:105 Resp: 31499
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.2

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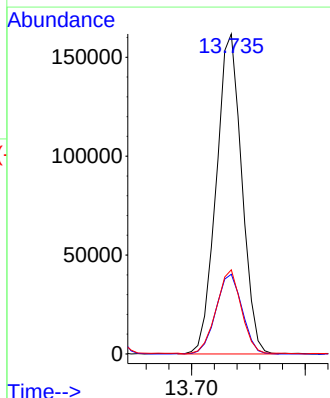
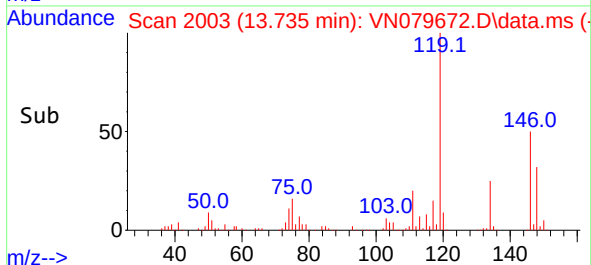
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

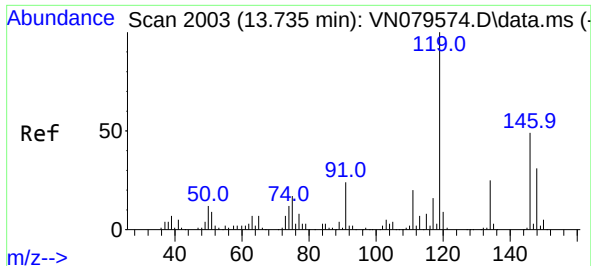


#82
 p-Isopropyltoluene
 Concen: 20.913 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079672.D
 Acq: 25 Oct 2023 10:30



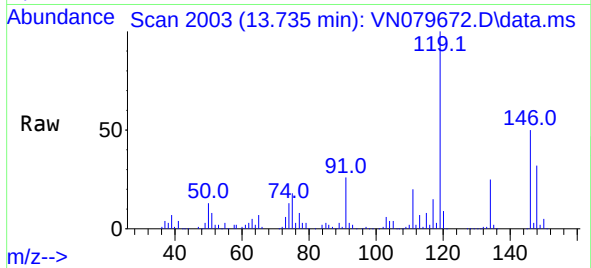
Tgt Ion:119 Resp: 252130
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.2
 91 25.9 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 21.297 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

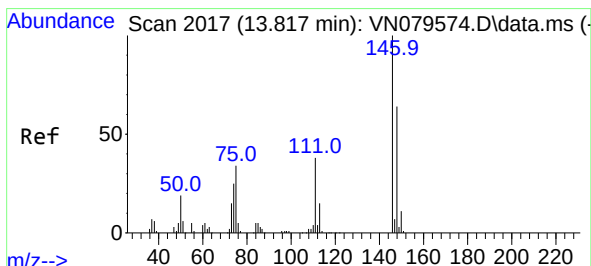
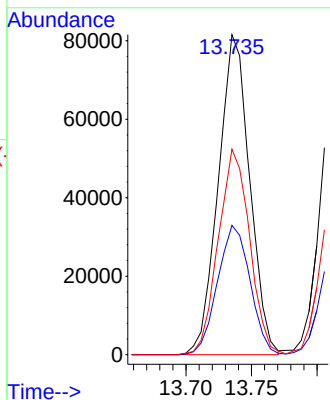
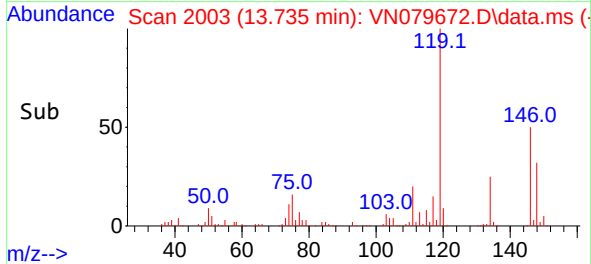
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



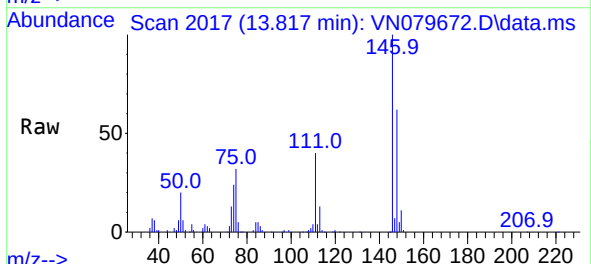
Tgt Ion:146 Resp: 135500
Ion Ratio Lower Upper
146 100
111 42.0 21.0 63.0
148 64.3 32.4 97.0

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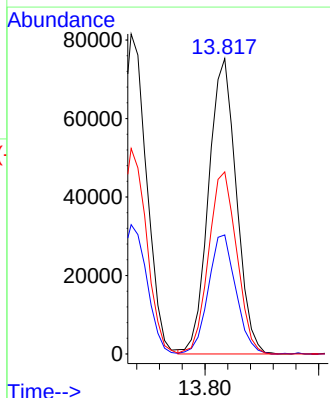
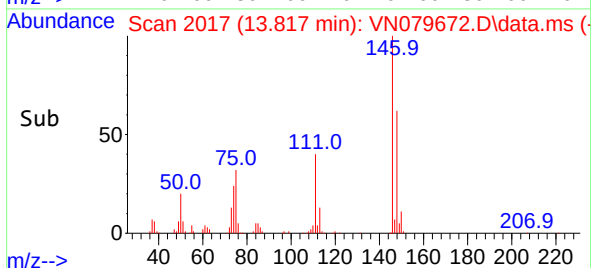
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

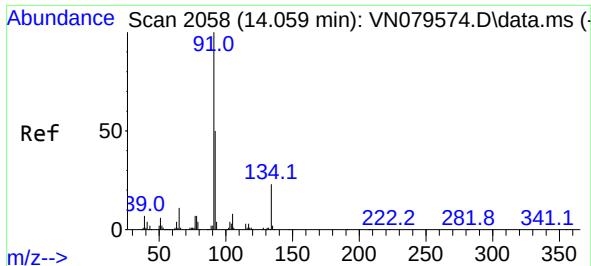


#84
1,4-Dichlorobenzene
Concen: 20.948 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



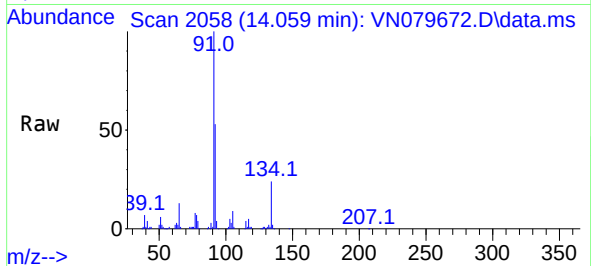
Tgt Ion:146 Resp: 127777
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.7
148 62.5 32.6 97.7





#85
n-Butylbenzene
Concen: 18.993 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

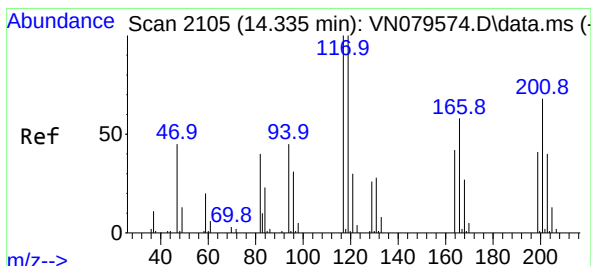
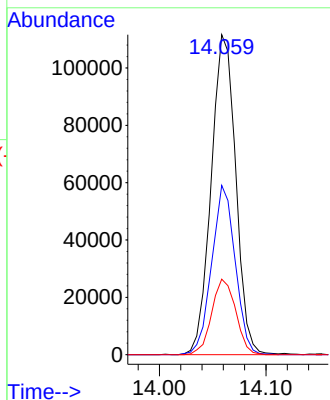
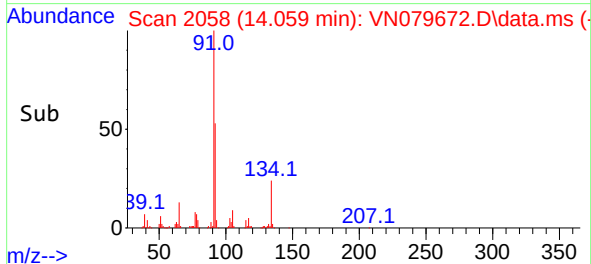
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 178899
Ion Ratio Lower Upper
91 100
92 50.6 0.0 99.6
134 23.1 0.0 46.2

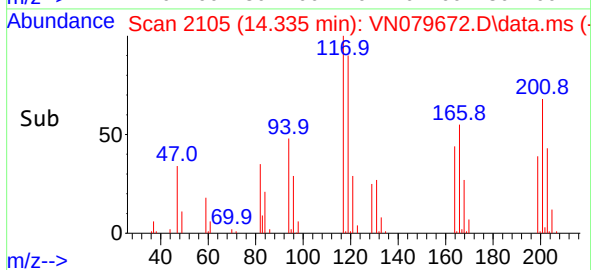
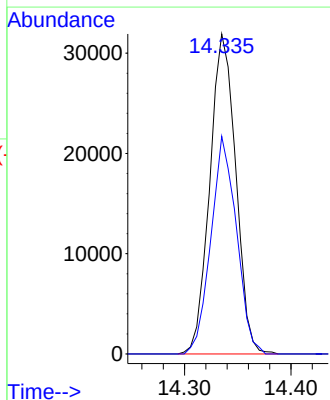
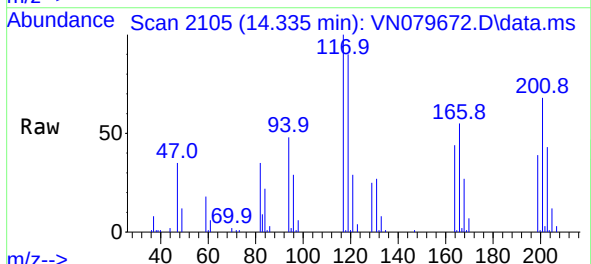
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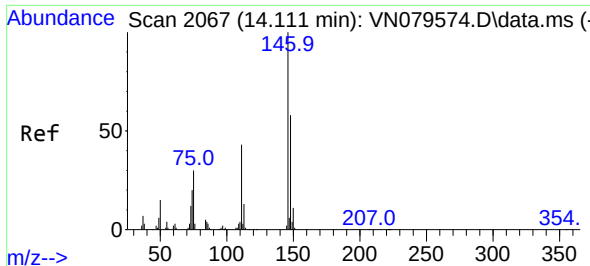
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#86
Hexachloroethane
Concen: 20.717 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Tgt Ion:117 Resp: 53994
Ion Ratio Lower Upper
117 100
201 66.9 32.5 97.5





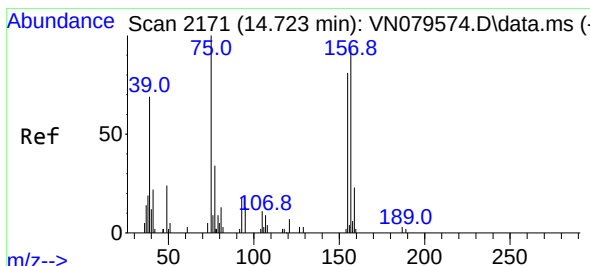
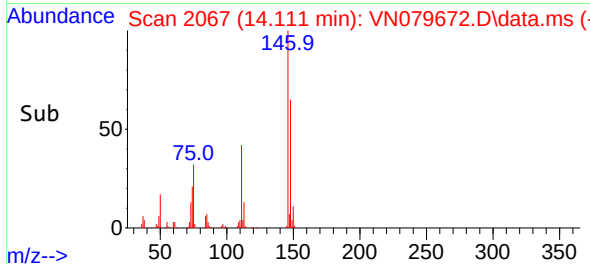
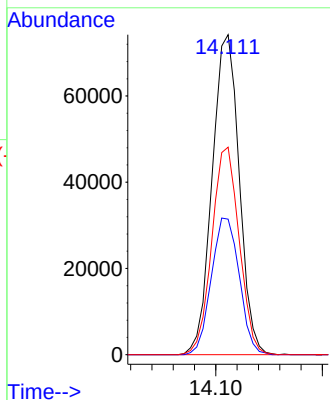
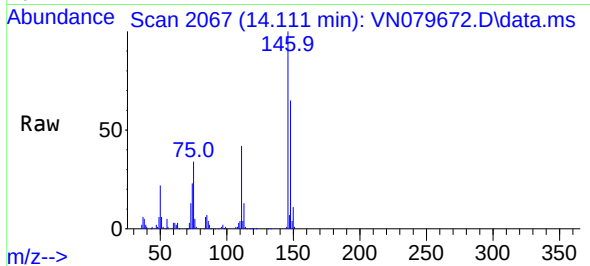
#87
1,2-Dichlorobenzene
Concen: 20.702 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 130920
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 65.5 31.1 93.5

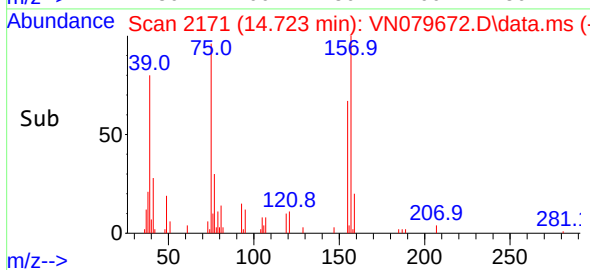
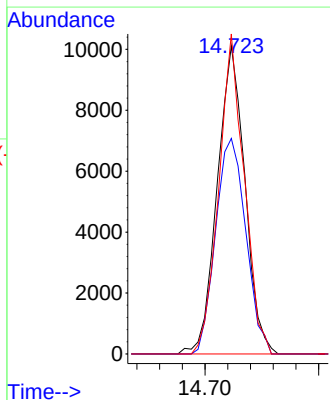
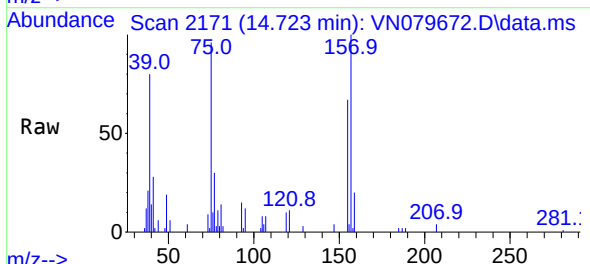
Manual Integrations
APPROVED

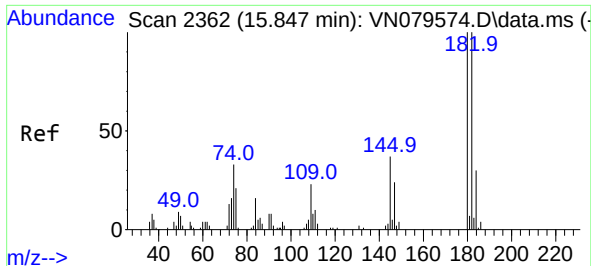
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.169 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

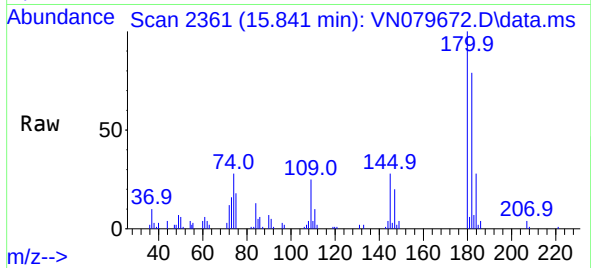
Tgt Ion: 75 Resp: 17107
Ion Ratio Lower Upper
75 100
155 76.3 60.7 91.1
157 95.4 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 15.785 ug/l
RT: 15.841 min Scan# 2362
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

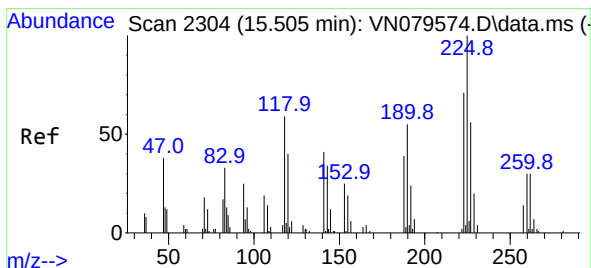
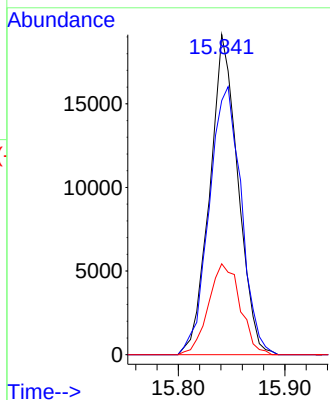
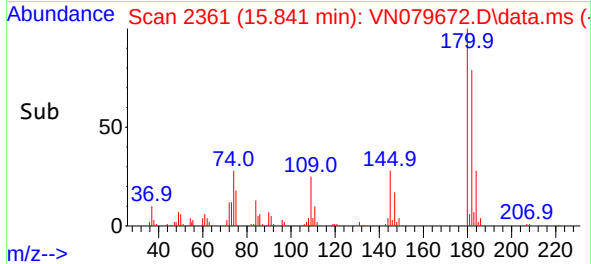
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



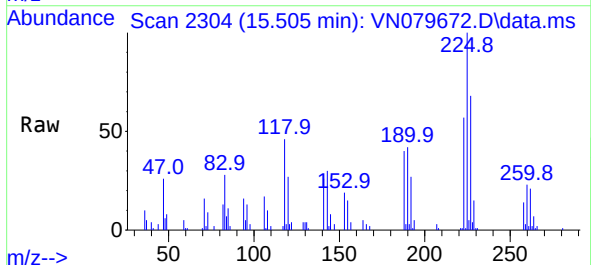
Tgt Ion:180 Resp: 35180
Ion Ratio Lower Upper
180 100
182 95.1 74.2 111.4
145 32.0 25.4 38.2

Manual Integrations
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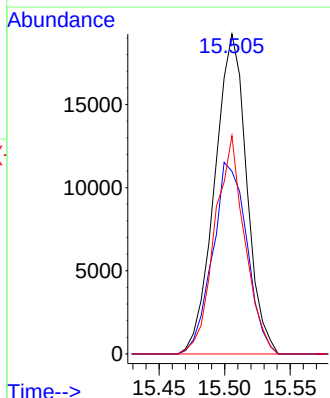
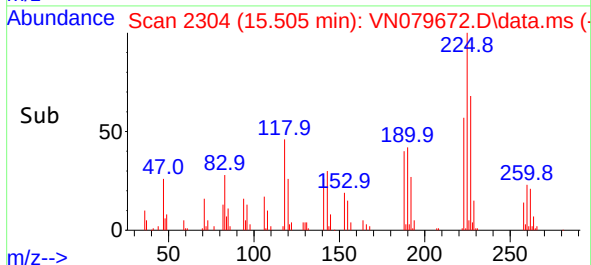
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

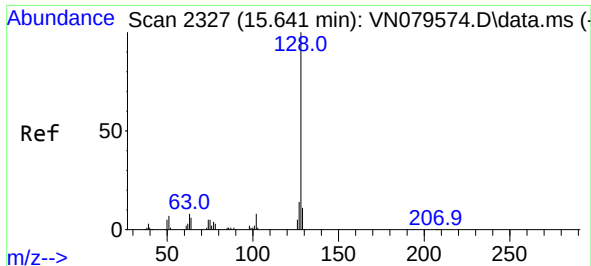


#90
Hexachlorobutadiene
Concen: 20.678 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30



Tgt Ion:225 Resp: 32649
Ion Ratio Lower Upper
225 100
223 64.2 0.0 126.0
227 64.1 0.0 127.0





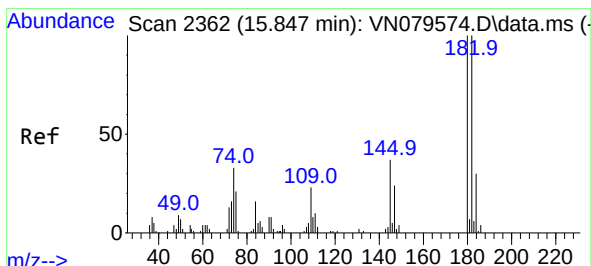
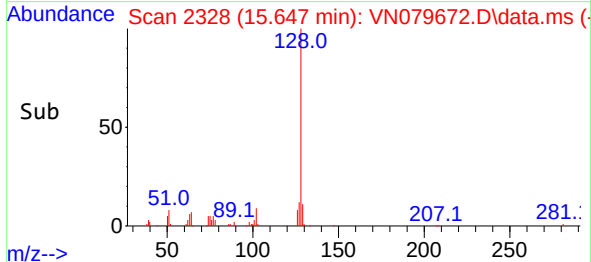
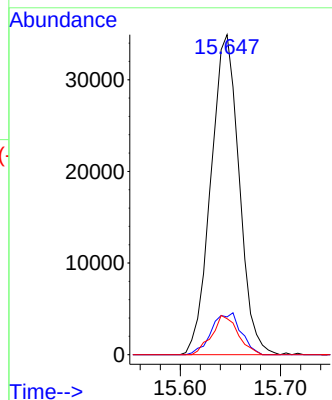
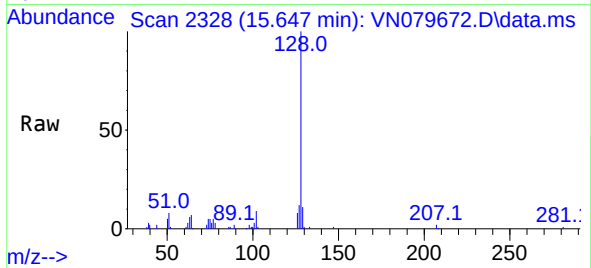
#91
Naphthalene
Concen: 11.889 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 68362
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 11.4 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.785 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079672.D
Acq: 25 Oct 2023 10:30

Tgt Ion:180 Resp: 35186
Ion Ratio Lower Upper
180 100
182 95.1 0.0 185.6
145 32.0 0.0 63.6

