

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079579.D
 Acq On : 17 Oct 2023 14:01
 Operator : JC\MD
 Sample : VN1017WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 02:28:42 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	26507	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	202465	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	240546	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	111050	29.466	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.233%		
60) 4-Bromofluorobenzene	12.853	95	134498	30.575	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.933%		
63) Toluene-d8	10.571	98	312484	30.316	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.067%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	75904	19.746	ug/l	94
3) Chloromethane	2.365	50	92842	18.635	ug/l	99
4) Vinyl Chloride	2.518	62	102917	19.140	ug/l	97
5) Bromomethane	2.959	94	60942	18.279	ug/l	98
6) Chloroethane	3.124	64	69377	18.331	ug/l	97
7) Trichlorofluoromethane	3.500	101	129394	19.721	ug/l	99
8) Diethyl Ether	3.965	74	47629	20.029	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	73113m	19.476	ug/l	
10) 1,1-Dichloroethene	4.342	96	70199	19.655	ug/l	94
11) Methyl Iodide	4.589	142	78501	19.852	ug/l	94
12) Methyl Acetate	5.030	43	160163	18.602	ug/l	98
13) Acrolein	4.183	56	62228	87.431	ug/l	96
14) Acrylonitrile	5.724	53	203357	98.626	ug/l	97
15) Acetone	4.430	58	63871	97.786	ug/l	94
16) Carbon Disulfide	4.712	76	207147	19.020	ug/l	98
17) Allyl chloride	5.030	41	107170	19.462	ug/l	97
18) Methylene Chloride	5.283	84	83653	19.029	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	79027	19.778	ug/l	99
20) Diisopropyl ether	6.677	45	256991	19.682	ug/l	97
21) 1,1-Dichloroethane	6.571	63	155277	19.570	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	92486	20.096	ug/l	94
23) tert-Butyl Alcohol	5.530	59	62300	90.357	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	235030	19.612	ug/l	99
25) Chloroform	7.977	83	159036	19.837	ug/l	100
26) Cyclohexane	8.259	56	119569	19.936	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	116651	19.716	ug/l	98
30) 2-Butanone	7.488	43	285030	96.105	ug/l	99
31) 2,2-Dichloropropane	7.494	77	126959	19.031	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	131830	18.746	ug/l	98
33) Carbon Tetrachloride	8.365	117	113861	19.037	ug/l	99
34) Benzene	8.612	78	348754	19.400	ug/l	97
35) Methacrylonitrile	7.783	41	56101	17.982	ug/l	92
36) 1,2-Dichloroethane	8.677	62	124468	19.392	ug/l	99
37) Trichloroethene	9.359	130	79059	18.815	ug/l	100
38) Methylcyclohexane	9.606	83	109527	19.226	ug/l	99
39) 1,2-Dichloropropane	9.624	63	90426	19.061	ug/l	97
40) Dibromomethane	9.712	93	60547	19.448	ug/l	98
41) Bromodichloromethane	9.888	83	123438	19.132	ug/l	100
42) Vinyl Acetate	6.606	43	738092	98.105	ug/l	100

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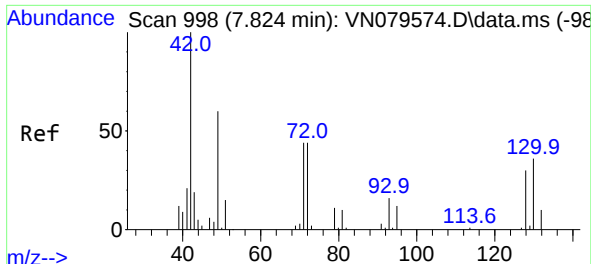
Manual Integrations
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Quant Time: Oct 18 02:28:42 2023
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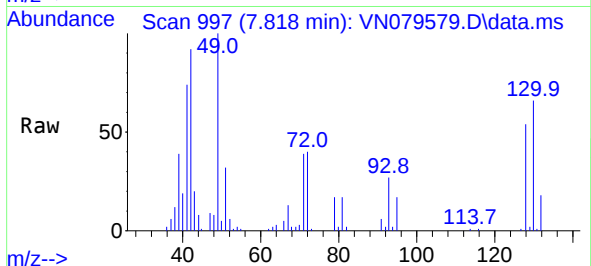
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	113244	20.306	ug/l	95
44) Isopropyl Acetate	8.694	43	185432	18.704	ug/l	97
45) 1,4-Dioxane	9.700	88	28270	364.292	ug/l #	92
46) Methyl methacrylate	9.688	41	83217	18.921	ug/l	94
47) n-amyl Acetate	12.500	43	137541	19.223	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	127342	19.524	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	140567	19.709	ug/l	94
50) 1,1,2-Trichloroethane	11.024	97	84850	19.646	ug/l	95
51) Ethyl methacrylate	10.876	69	116392	19.533	ug/l	95
52) 1,3-Dichloropropane	11.165	76	145967	19.077	ug/l	99
53) Dibromochloromethane	11.365	129	86958	19.700	ug/l	99
54) 1,2-Dibromoethane	11.471	107	80455	18.882	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	181088	79.651	ug/l	98
56) Bromoform	12.582	173	54730	18.742	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	564903	100.684	ug/l	99
59) 2-Hexanone	11.200	43	408843	99.327	ug/l	99
61) Tetrachloroethene	11.112	164	67087	20.313	ug/l	97
62) Toluene	10.635	91	370807	20.170	ug/l	100
64) Chlorobenzene	11.894	112	213896	20.061	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	79490	19.571	ug/l	96
66) Ethyl Benzene	11.971	91	390588	20.621	ug/l	99
67) m/p-Xylenes	12.076	106	290507	41.466	ug/l	94
68) o-Xylene	12.400	106	138889	20.738	ug/l	99
69) Styrene	12.418	104	224334	21.099	ug/l	98
70) Isopropylbenzene	12.700	105	358845	20.878	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	121265	19.842	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	104666m	18.859	ug/l	
73) Bromobenzene	12.988	156	81466	20.177	ug/l	100
74) n-propylbenzene	13.041	91	421277	21.053	ug/l	99
75) 2-Chlorotoluene	13.129	91	257672	20.713	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	292875	20.844	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	34994	20.659	ug/l	96
78) 4-Chlorotoluene	13.223	91	245452	20.883	ug/l	99
79) tert-butylbenzene	13.441	119	231169	20.463	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	291421	21.405	ug/l	98
81) sec-Butylbenzene	13.623	105	333384	21.021	ug/l	100
82) p-Isopropyltoluene	13.735	119	266323	21.170	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	141150	21.260	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	133273	20.938	ug/l	98
85) n-Butylbenzene	14.059	91	204290	20.784	ug/l	97
86) Hexachloroethane	14.335	117	53449	19.653	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	134389	20.364	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	18209	19.554	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	44573	19.163	ug/l	96
90) Hexachlorobutadiene	15.506	225	32374	19.649	ug/l	97
91) Naphthalene	15.647	128	105218	17.536	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	44573	19.163	ug/l	96

(#) = 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: VN079579.D
Acq: 17 Oct 2023 14:01

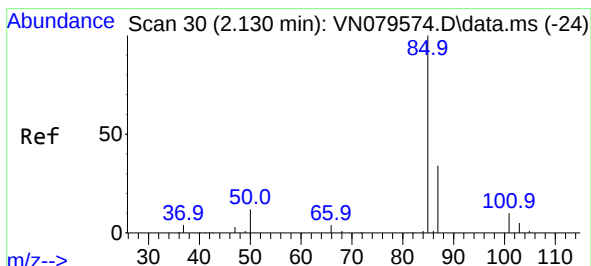
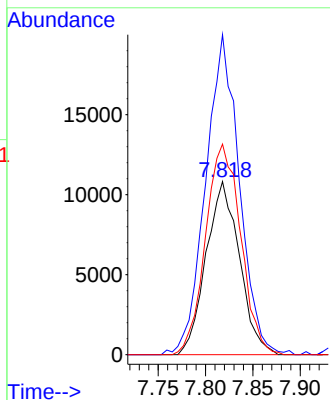
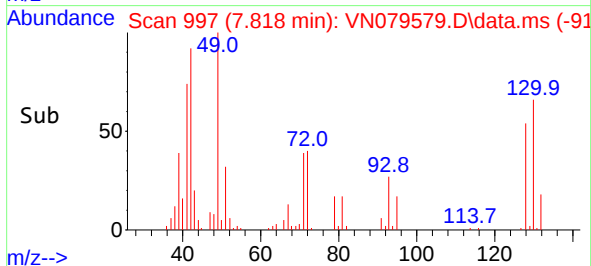
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



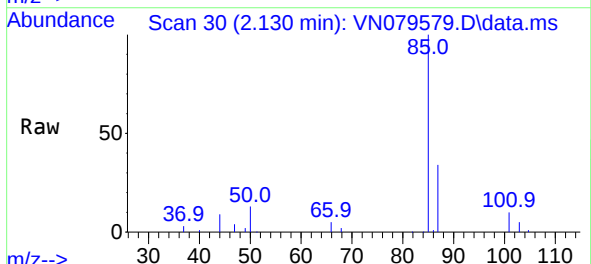
Tgt Ion:128 Resp: 2650
Ion Ratio Lower Upper
128 100
49 186.4 0.0 468.5
130 127.8 0.0 320.7

Manual Integrations
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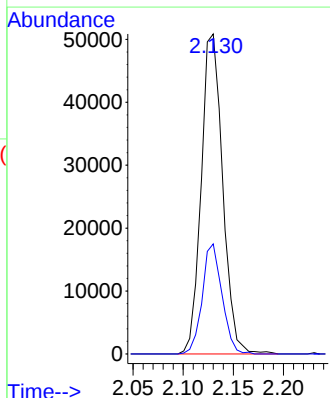
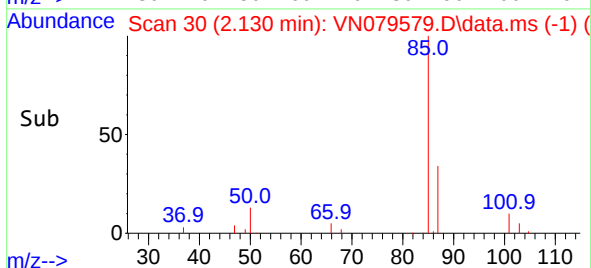
Reviewed By :John Carlone 10/18/2023
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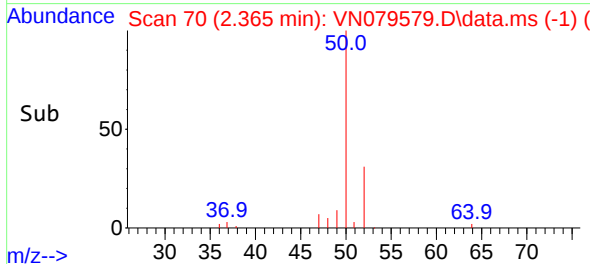
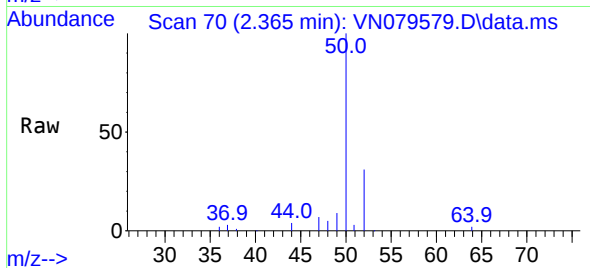
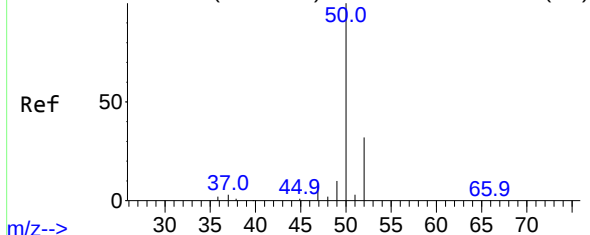
#2
Dichlorodifluoromethane
Concen: 19.746 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



Tgt Ion: 85 Resp: 75904
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.7



Abundance Scan 70 (2.365 min): VN079574.D\data.ms (-64)



#3

Chloromethane

Concen: 18.635 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079579.D

Acq: 17 Oct 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 50 Resp: 9284

Ion Ratio Lower Upper

50 100

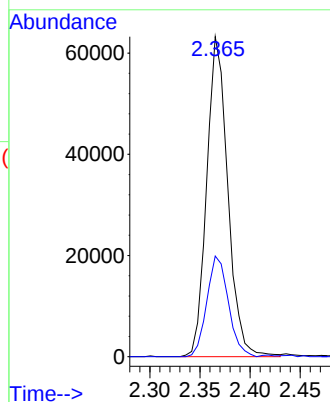
52 31.5 25.6 38.4

Manual Integrations

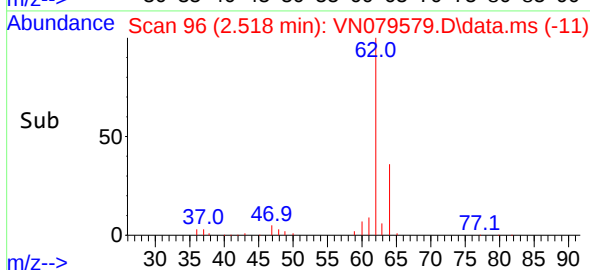
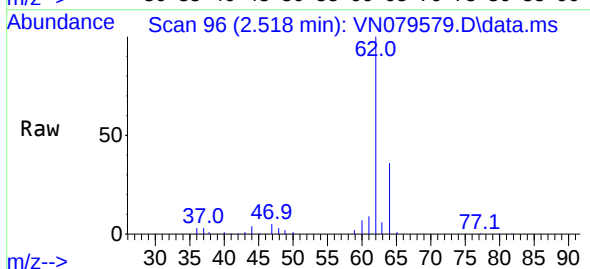
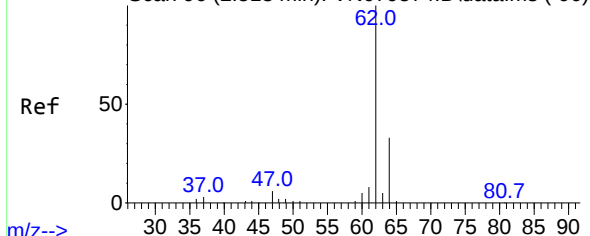
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Abundance Scan 96 (2.518 min): VN079574.D\data.ms (-90)



#4

Vinyl Chloride

Concen: 19.140 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079579.D

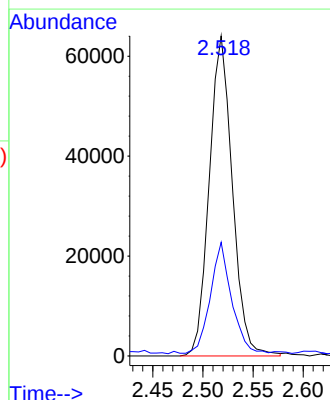
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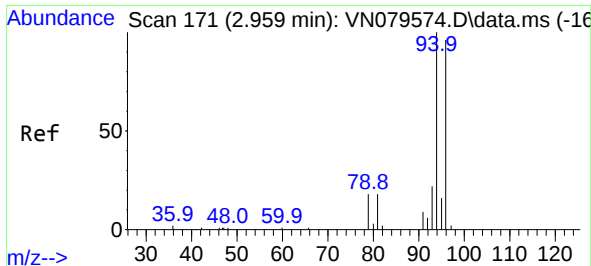
Tgt Ion: 62 Resp: 102917

Ion Ratio Lower Upper

62 100

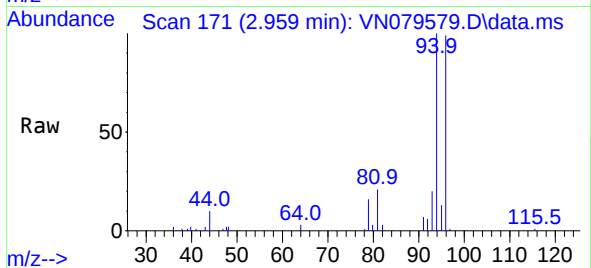
64 34.7 26.4 39.6





#5
Bromomethane
Concen: 18.279 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

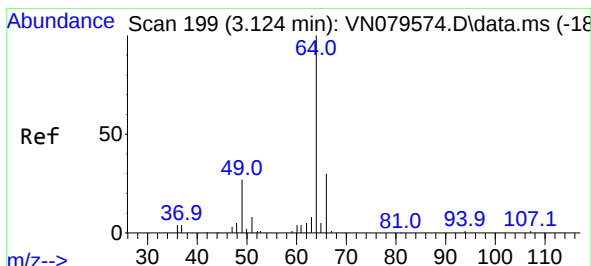
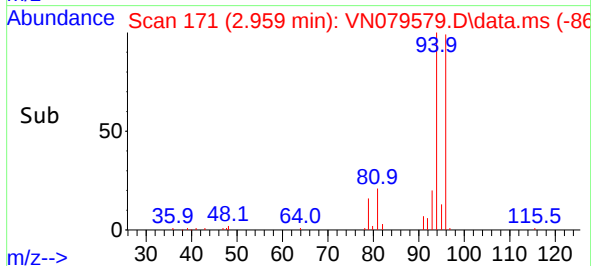
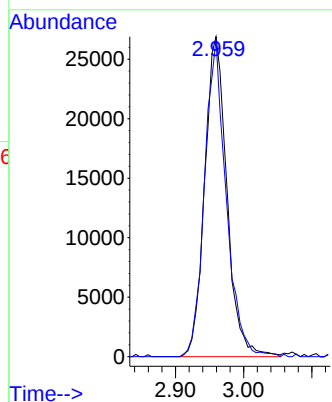
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 94 Resp: 6094
Ion Ratio Lower Upper
94 100
96 99.2 77.8 116.6

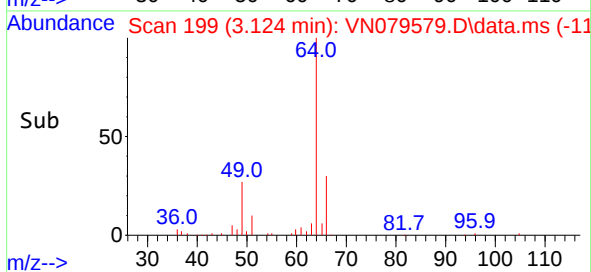
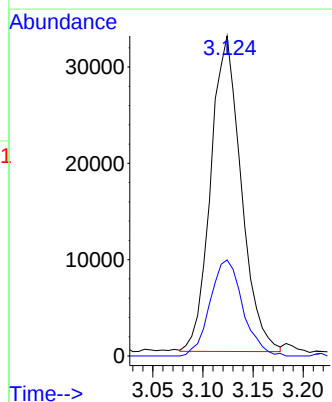
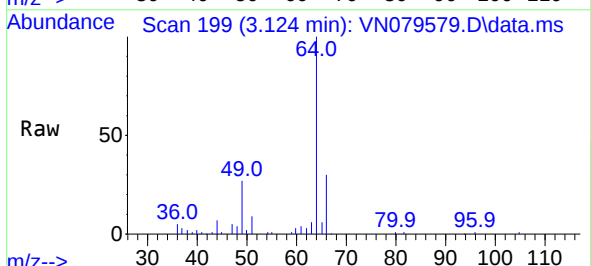
Manual Integrations
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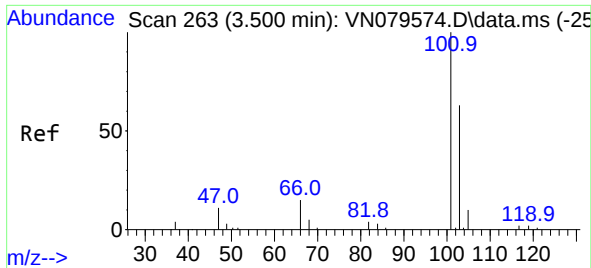
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#6
Chloroethane
Concen: 18.331 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Tgt Ion: 64 Resp: 69377
Ion Ratio Lower Upper
64 100
66 30.5 23.3 34.9





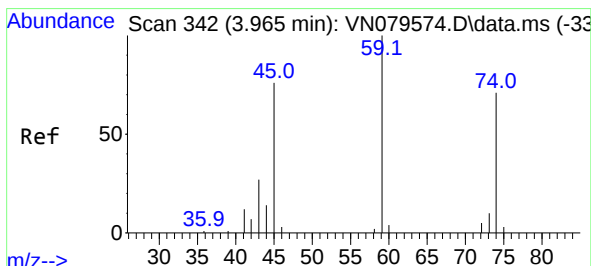
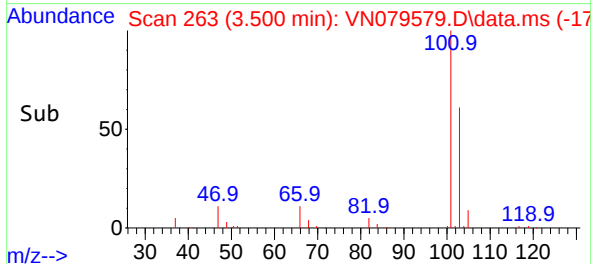
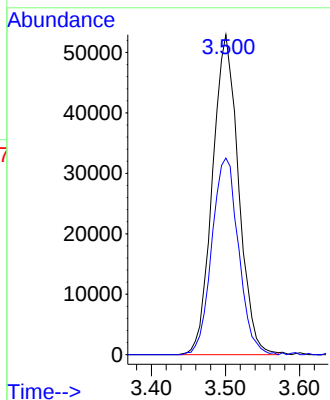
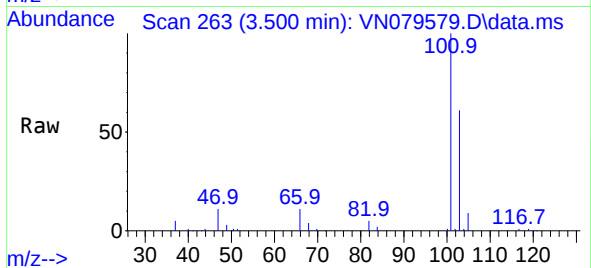
#7
Trichlorofluoromethane
Concen: 19.721 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Instrument :
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Tgt Ion:101 Resp: 129394
Ion Ratio Lower Upper
101 100
103 61.5 49.9 74.9

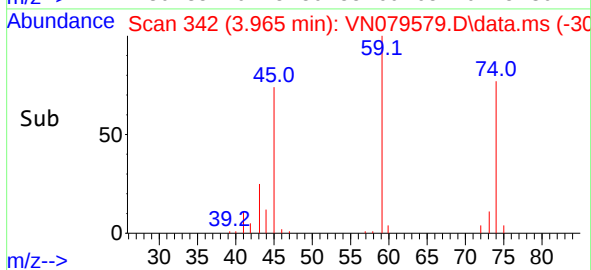
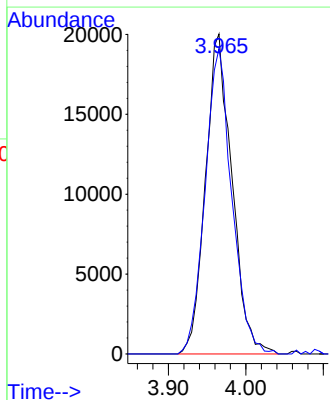
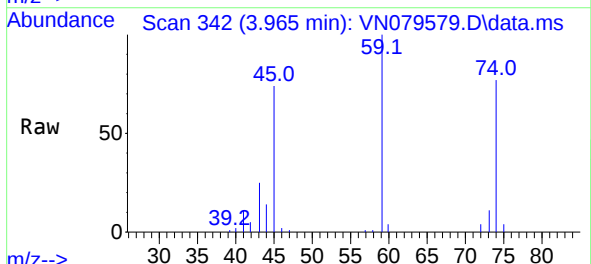
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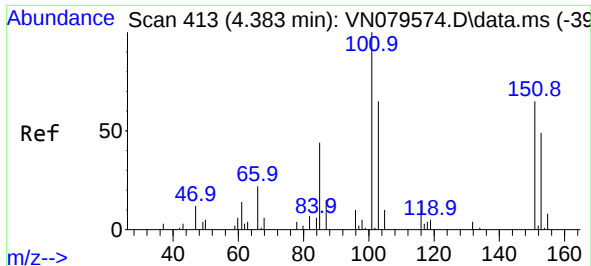
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#8
Diethyl Ether
Concen: 20.029 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Tgt Ion: 74 Resp: 47629
Ion Ratio Lower Upper
74 100
45 96.4 19.0 171.0





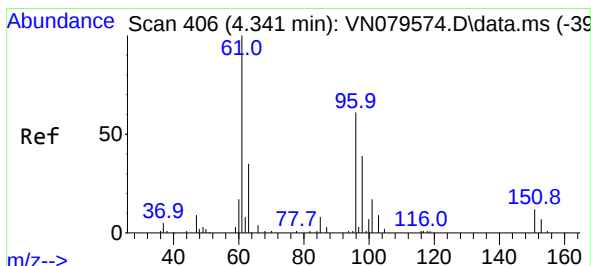
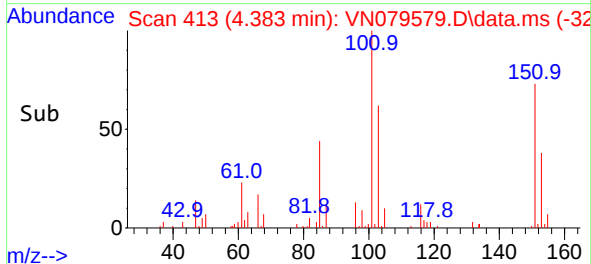
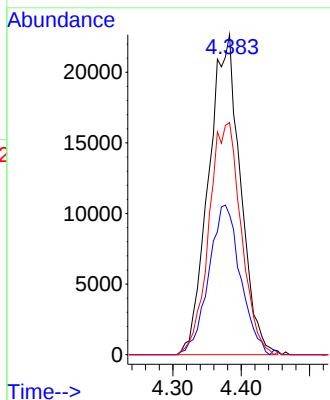
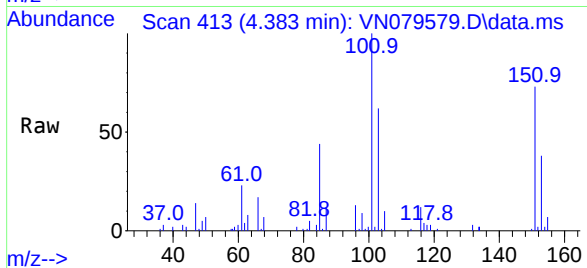
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.476 ug/l m
RT: 4.383 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion:101 Resp: 7311
Ion Ratio Lower Upper
101 100
85 46.7 0.0 92.0
151 33.4 0.0 138.4

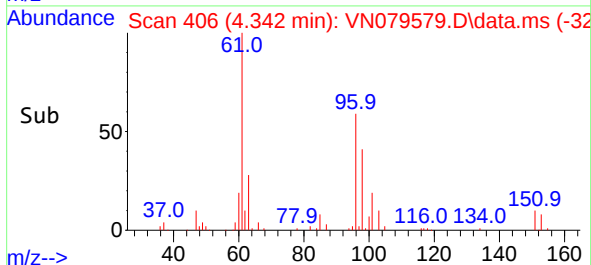
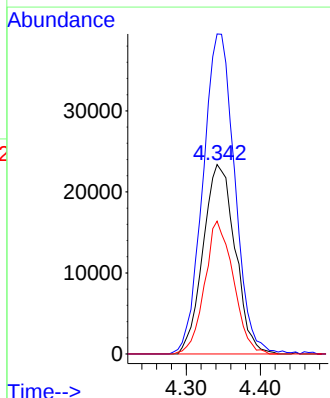
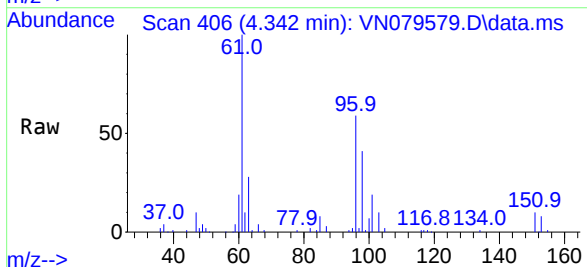
Manual Integrations
APPROVED

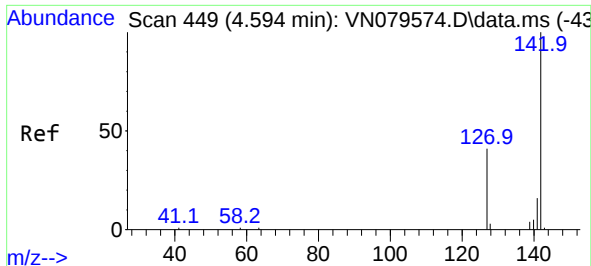
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
1,1-Dichloroethene
Concen: 19.655 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

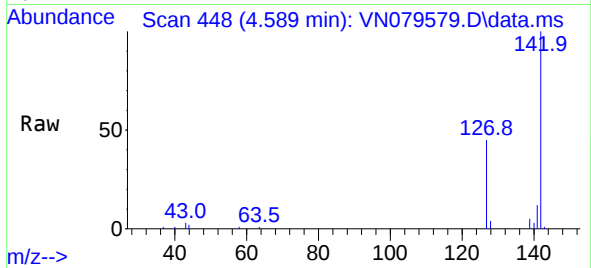
Tgt Ion: 96 Resp: 70199
Ion Ratio Lower Upper
96 100
61 167.8 141.3 211.9
98 70.0 53.2 79.8





#11
Methyl Iodide
Concen: 19.852 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

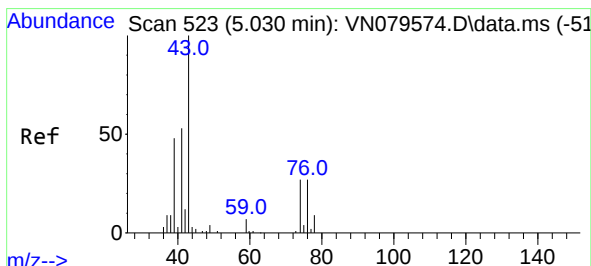
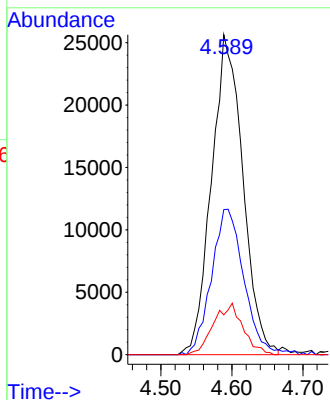
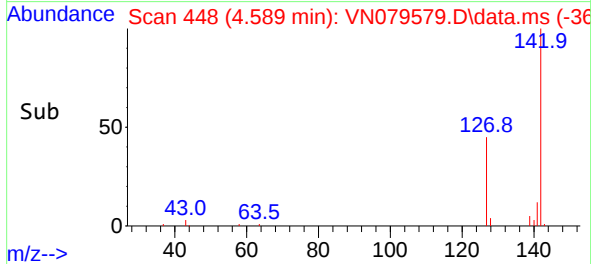
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion:142 Resp: 7850
Ion Ratio Lower Upper
142 100
127 44.9 24.6 73.8
141 12.6 7.7 23.1

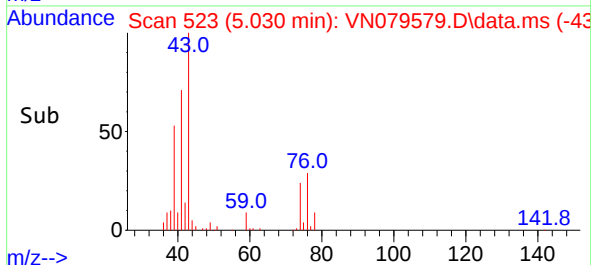
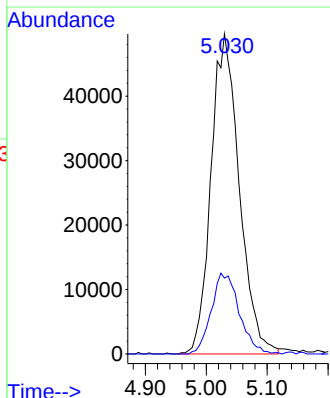
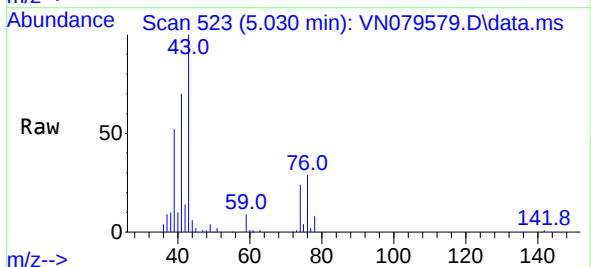
Manual Integrations
APPROVED

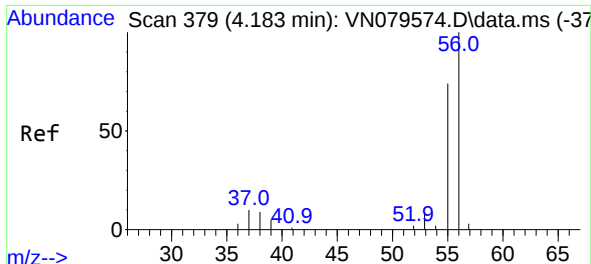
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#12
Methyl Acetate
Concen: 18.602 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

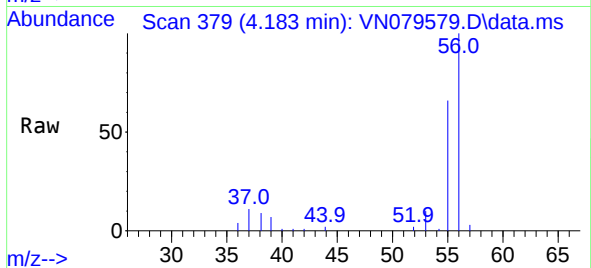
Tgt Ion: 43 Resp: 160163
Ion Ratio Lower Upper
43 100
74 23.7 18.1 27.1





#13
Acrolein
Concen: 87.431 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

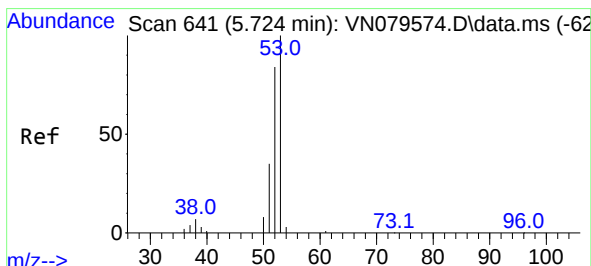
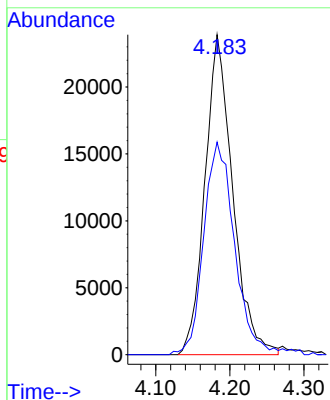
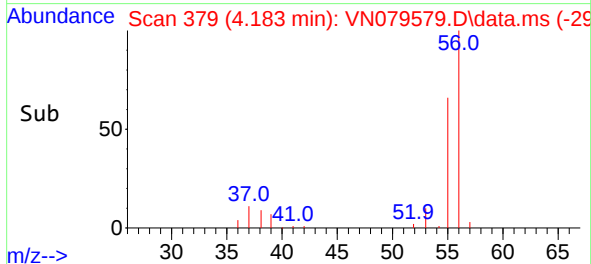
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



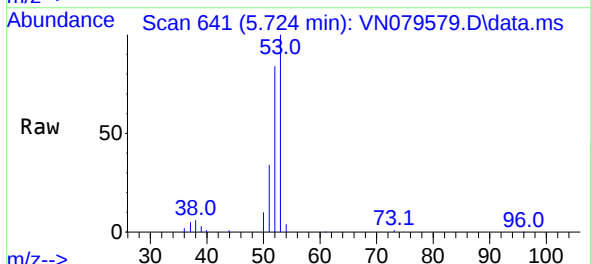
Tgt Ion: 56 Resp: 62228
Ion Ratio Lower Upper
56 100
55 74.5 57.1 85.7

Manual Integrations
APPROVED

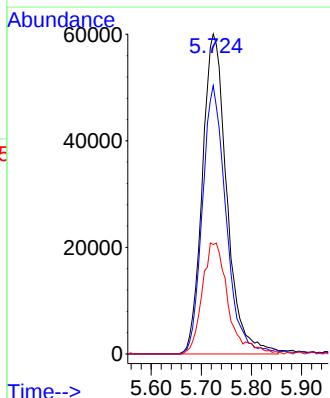
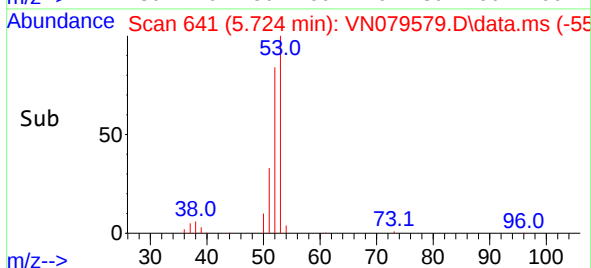
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

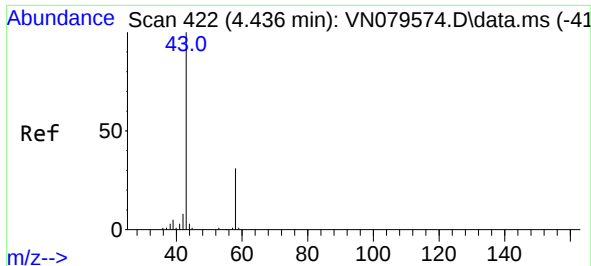


#14
Acrylonitrile
Concen: 98.626 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



Tgt Ion: 53 Resp: 203357
Ion Ratio Lower Upper
53 100
52 80.1 41.6 124.9
51 34.5 17.8 53.3





#15

Acetone

Concen: 97.786 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079579.D

Acq: 17 Oct 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 58 Resp: 6387

Ion Ratio Lower Upper

58 100

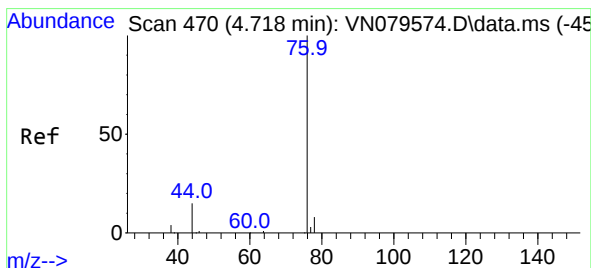
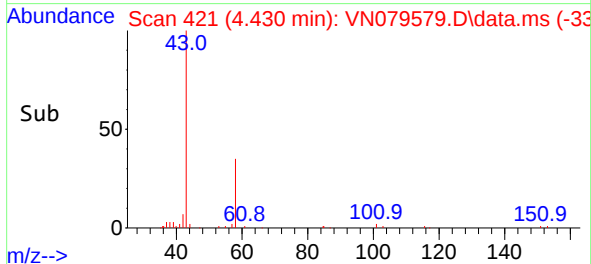
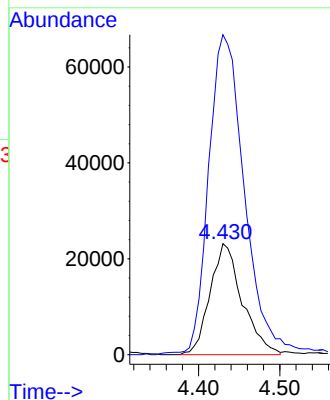
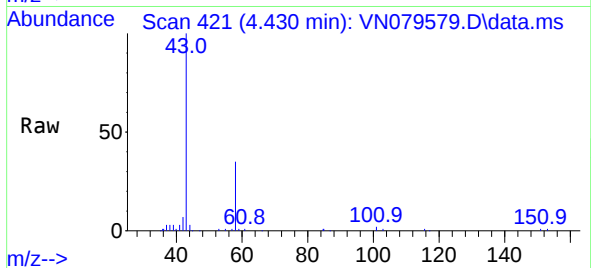
43 292.1 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#16

Carbon Disulfide

Concen: 19.020 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079579.D

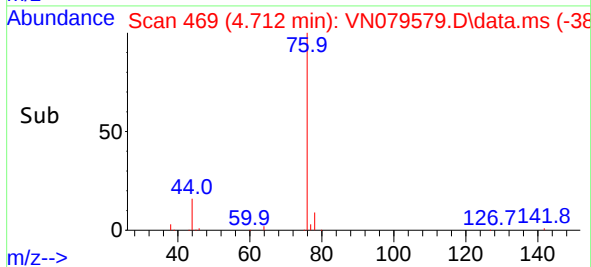
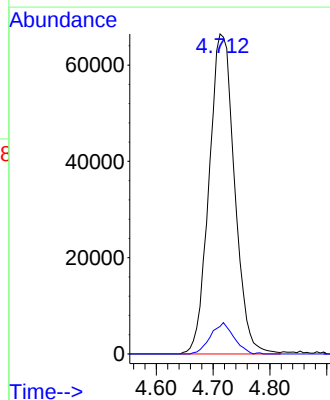
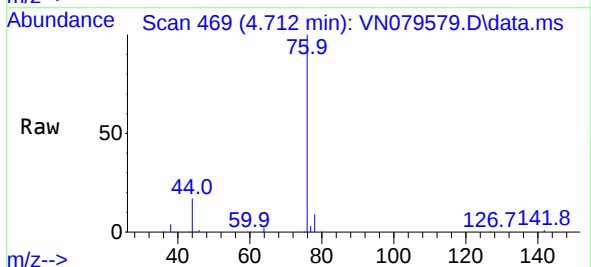
Acq: 17 Oct 2023 14:01

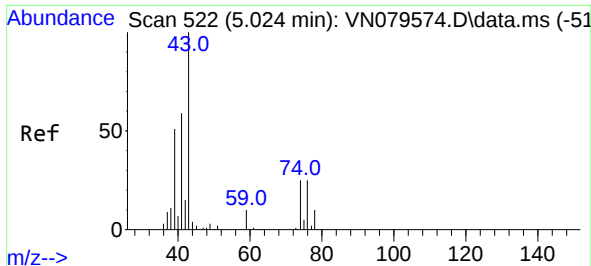
Tgt Ion: 76 Resp: 207147

Ion Ratio Lower Upper

76 100

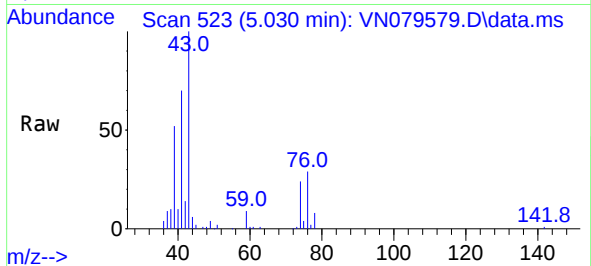
78 8.6 7.5 11.3





#17
 Allyl chloride
 Concen: 19.462 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079579.D
 Acq: 17 Oct 2023 14:01

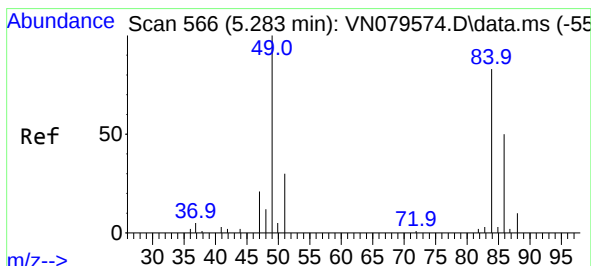
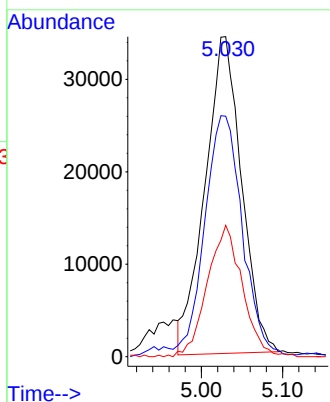
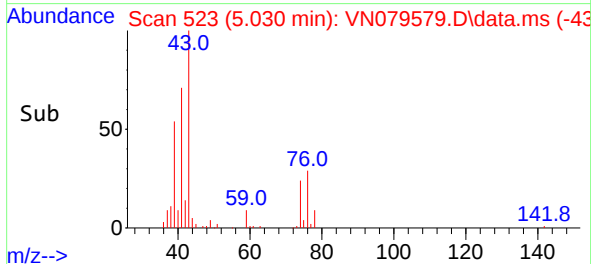
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01



Tgt Ion: 41 Resp: 107170
 Ion Ratio Lower Upper
 41 100
 39 74.1 38.4 115.2
 76 40.9 19.5 58.5

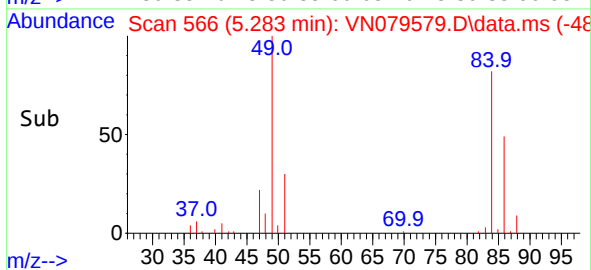
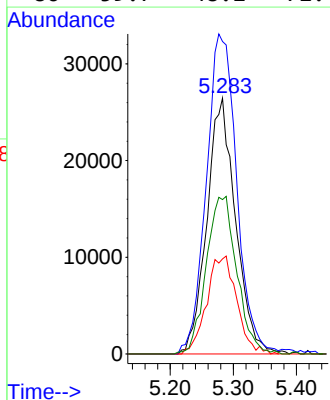
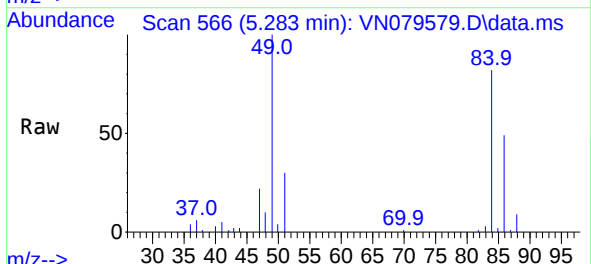
Manual Integrations
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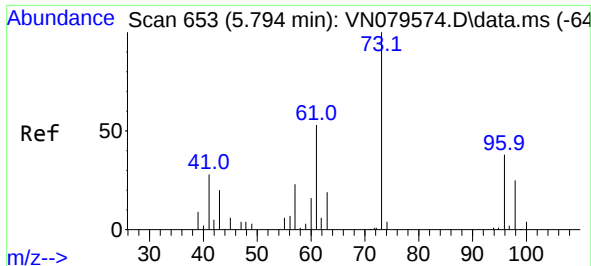
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#18
 Methylene Chloride
 Concen: 19.029 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079579.D
 Acq: 17 Oct 2023 14:01

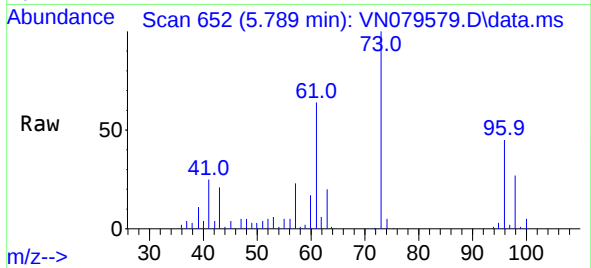
Tgt Ion: 84 Resp: 83653
 Ion Ratio Lower Upper
 84 100
 49 122.2 100.9 151.3
 51 37.2 29.4 44.2
 86 59.7 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 19.778 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

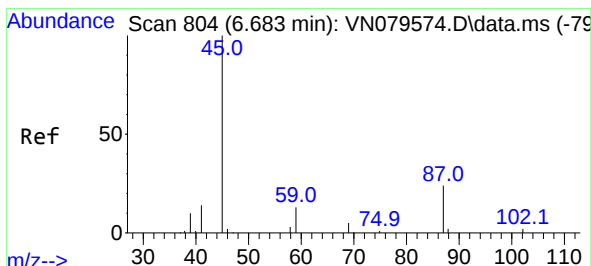
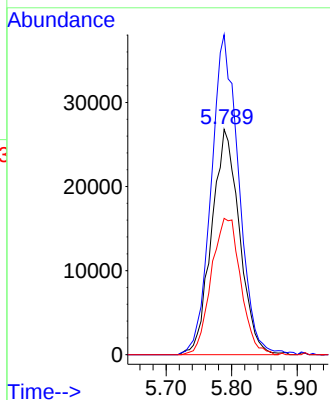
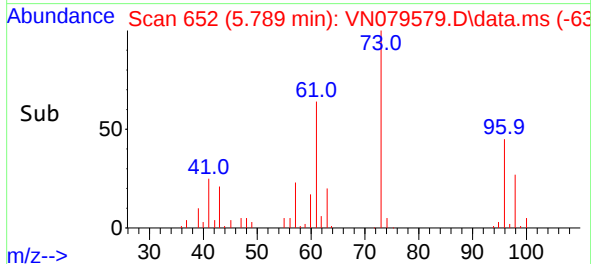
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



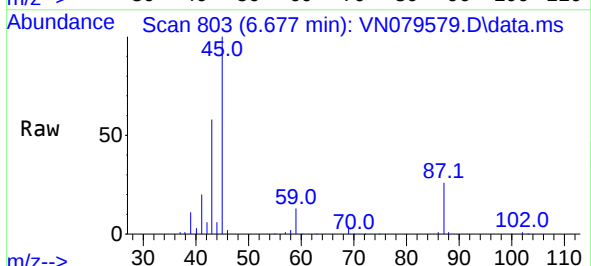
Tgt Ion: 96 Resp: 7902
Ion Ratio Lower Upper
96 100
61 142.0 113.4 170.0
98 60.5 50.4 75.6

Manual Integrations
APPROVED

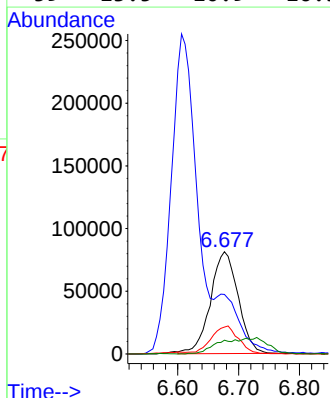
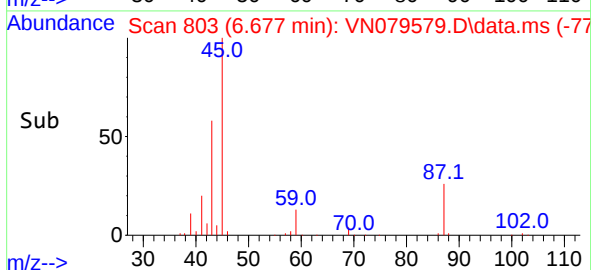
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

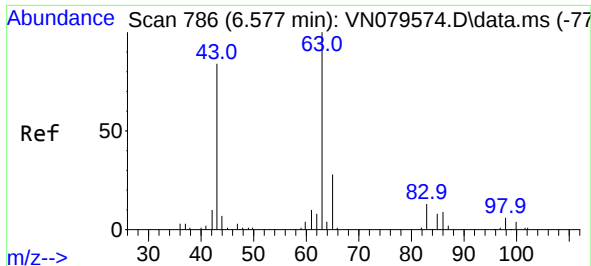


#20
Diisopropyl ether
Concen: 19.682 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



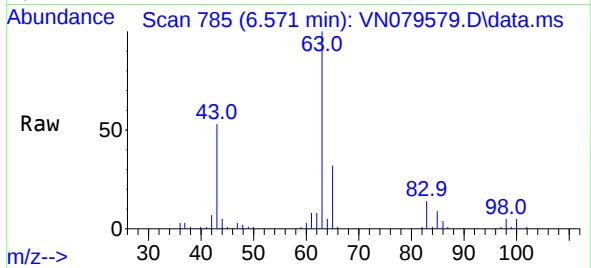
Tgt Ion: 45 Resp: 256991
Ion Ratio Lower Upper
45 100
43 55.8 42.1 63.1
87 26.0 20.5 30.7
59 13.5 10.9 16.3





#21
1,1-Dichloroethane
Concen: 19.570 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

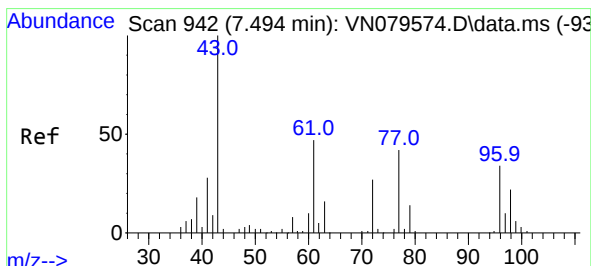
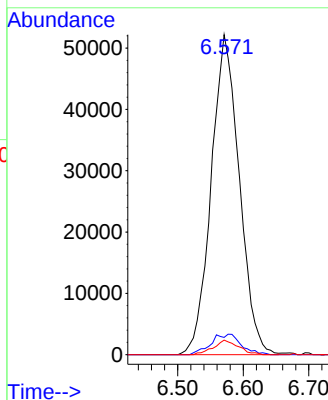
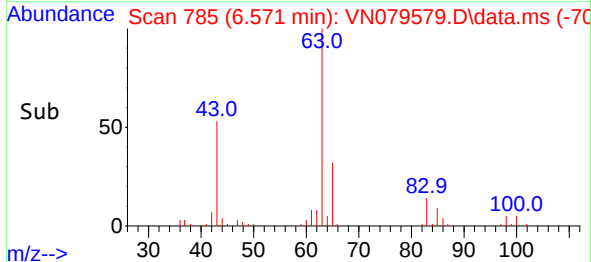
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



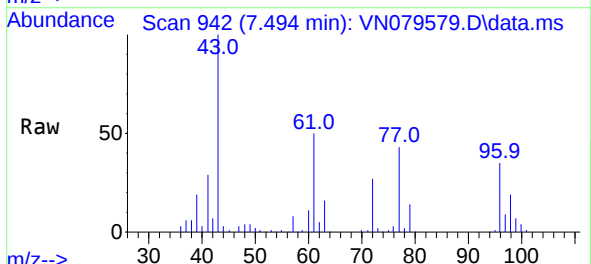
Tgt Ion: 63 Resp: 15527
Ion Ratio Lower Upper
63 100
98 5.4 2.8 8.4
100 4.6 1.9 5.7

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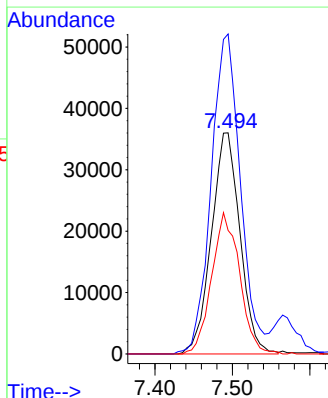
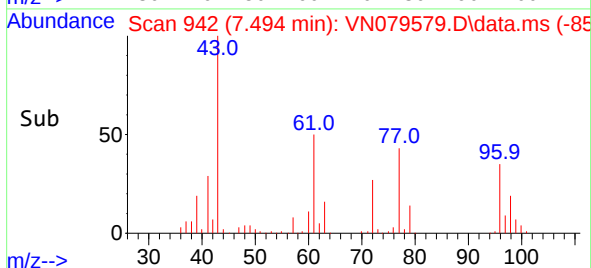
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

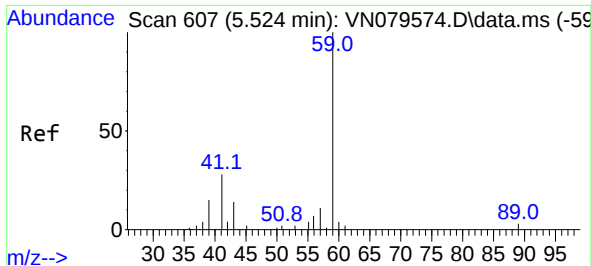


#22
cis-1,2-Dichloroethene
Concen: 20.096 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



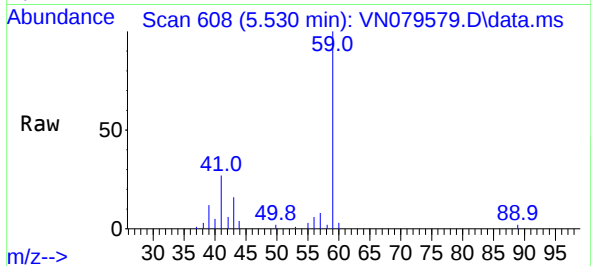
Tgt Ion: 96 Resp: 92486
Ion Ratio Lower Upper
96 100
61 147.5 124.6 186.8
98 62.4 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 90.357 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

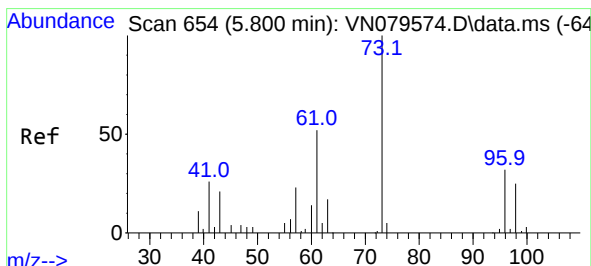
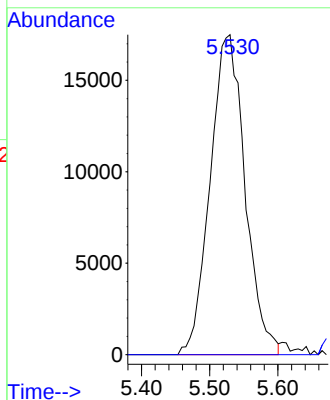
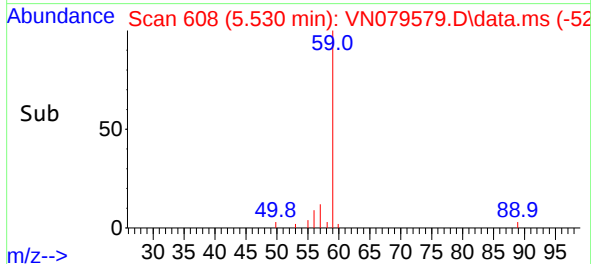
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



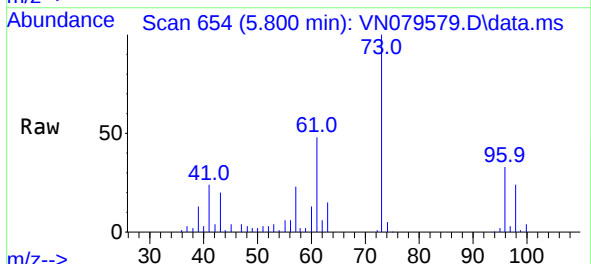
Tgt Ion: 59 Resp: 62300
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

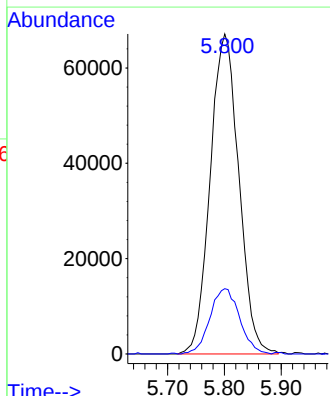
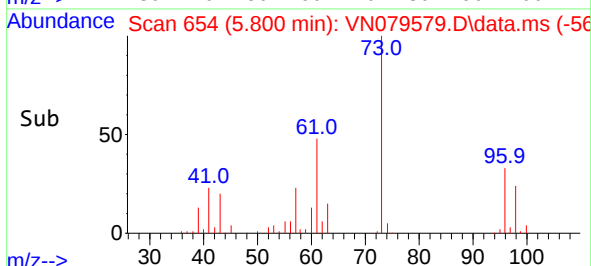
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

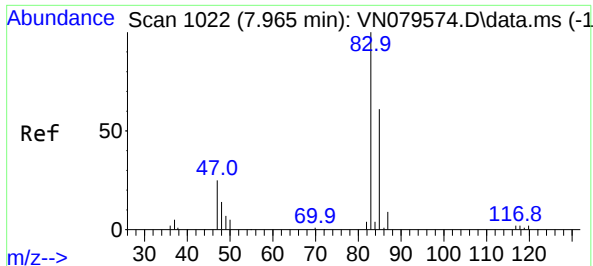


#24
Methyl tert-Butyl Ether
Concen: 19.612 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



Tgt Ion: 73 Resp: 235030
Ion Ratio Lower Upper
73 100
43 21.1 16.6 24.8





#25

Chloroform

Concen: 19.837 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.012 min

Lab File: VN079579.D

Acq: 17 Oct 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 83 Resp: 15903

Ion Ratio Lower Upper

83 100

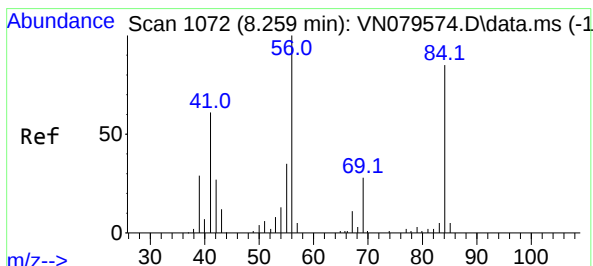
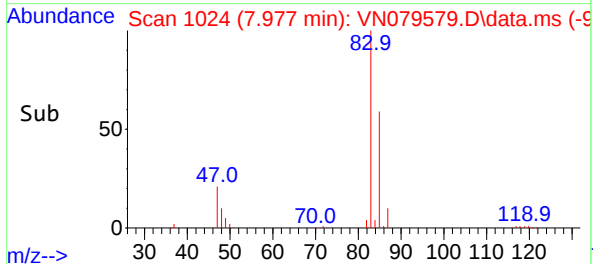
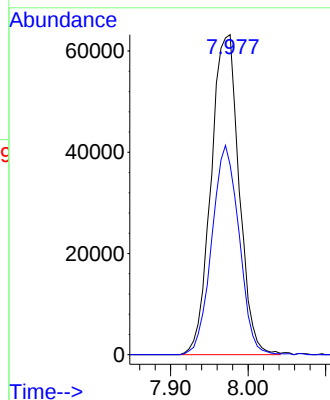
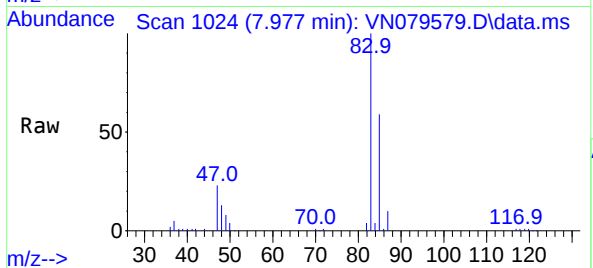
85 59.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#26

Cyclohexane

Concen: 19.936 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079579.D

Acq: 17 Oct 2023 14:01

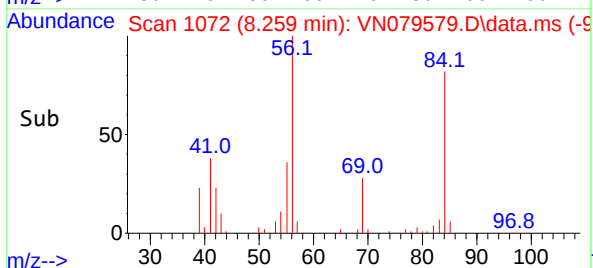
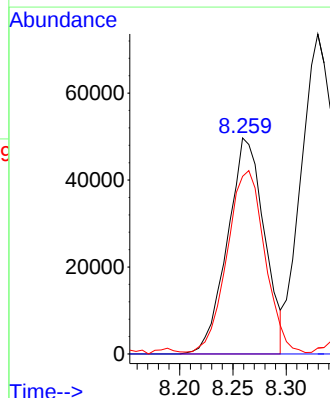
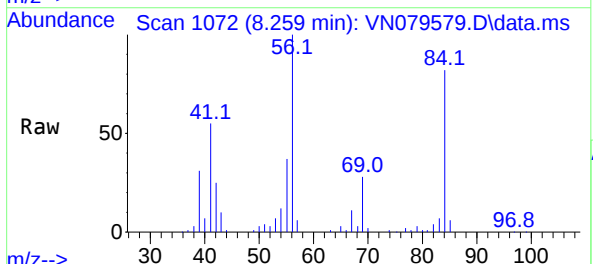
Tgt Ion: 56 Resp: 119569

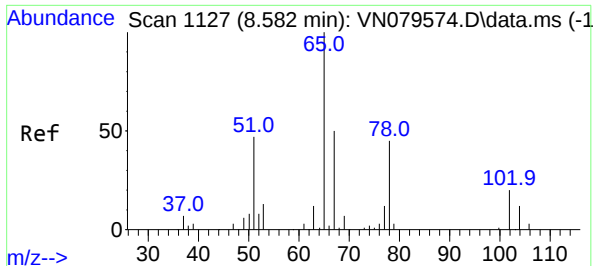
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

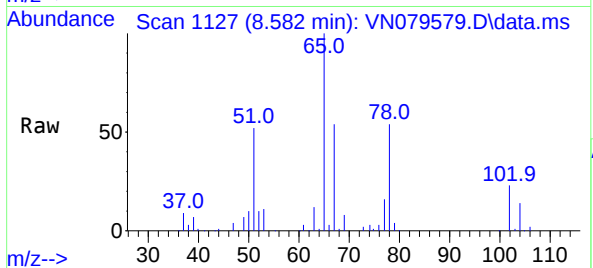
84 87.7 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.466 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

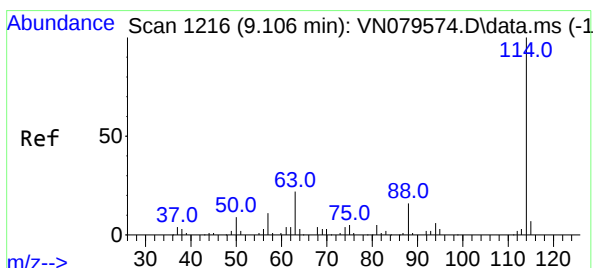
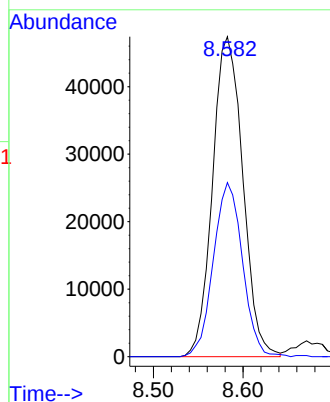
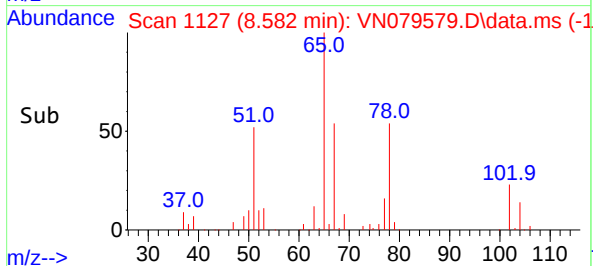
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



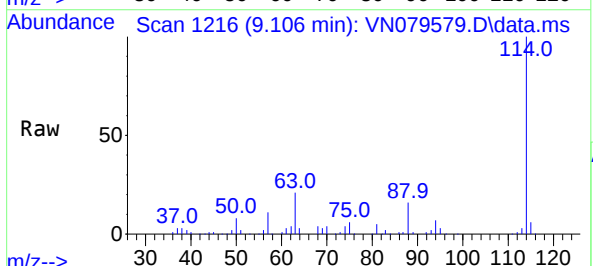
Tgt Ion: 65 Resp: 111050
Ion Ratio Lower Upper
65 100
67 52.3 42.1 63.1

Manual Integrations
APPROVED

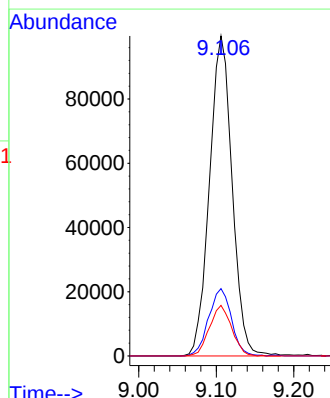
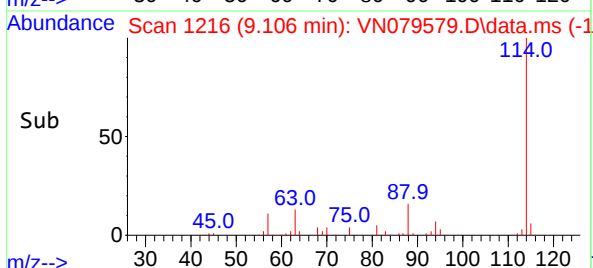
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

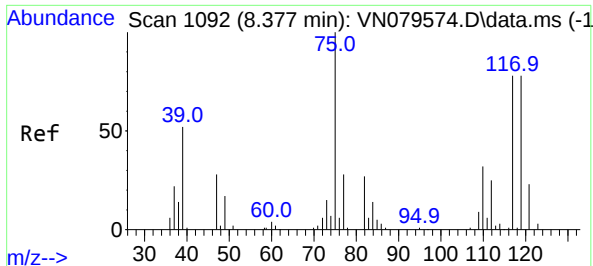


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



Tgt Ion:114 Resp: 202465
Ion Ratio Lower Upper
114 100
63 21.1 18.1 27.1
88 15.4 12.2 18.2





#29
1,1-Dichloropropene
Concen: 19.716 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

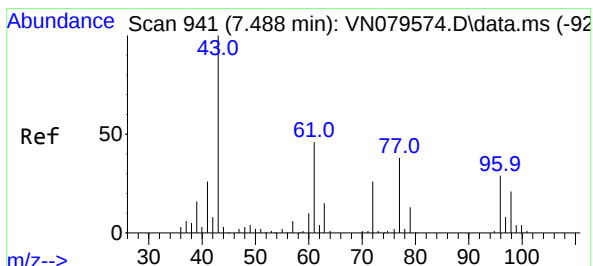
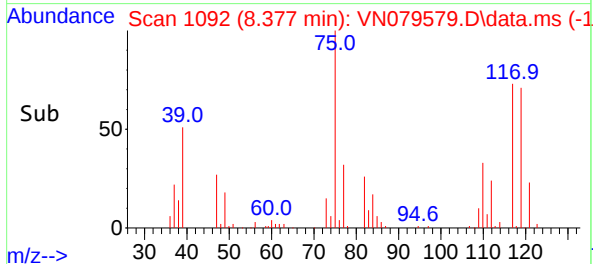
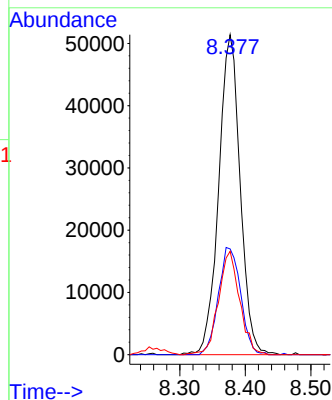
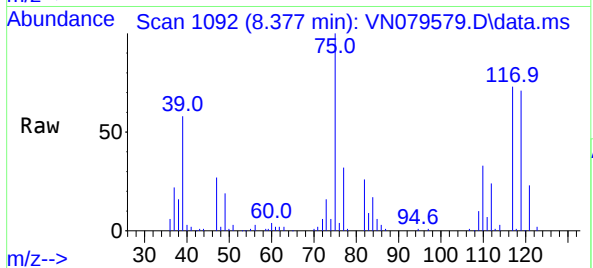
Tgt Ion: 75 Resp: 11665
Ion Ratio Lower Upper
75 100
110 34.6 0.0 66.8
77 31.8 0.0 61.2

Manual Integrations

APPROVED

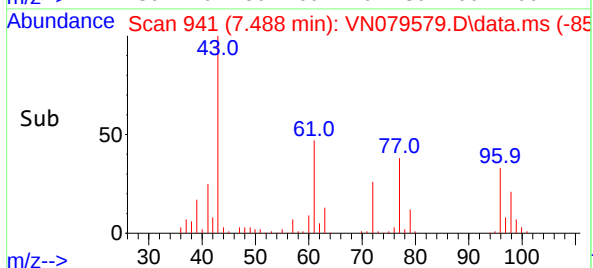
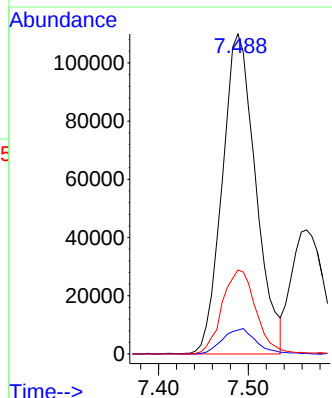
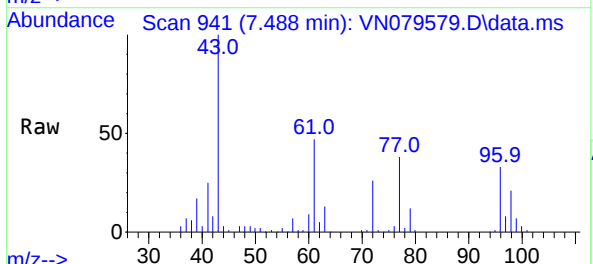
Reviewed By :John Carlone 10/18/2023

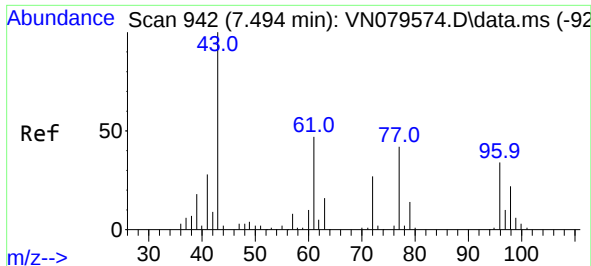
Supervised By :Mahesh Dadoda 10/20/2023



#30
2-Butanone
Concen: 96.105 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

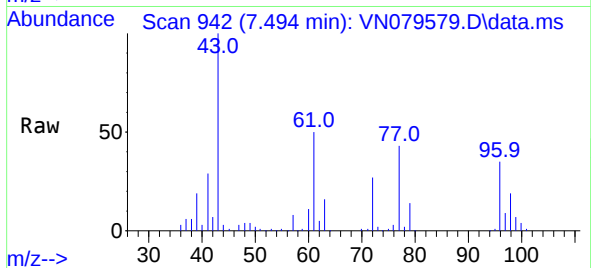
Tgt Ion: 43 Resp: 285030
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 26.4 20.7 31.1





#31
2,2-Dichloropropane
Concen: 19.031 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

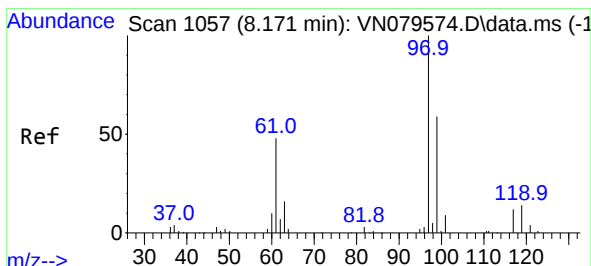
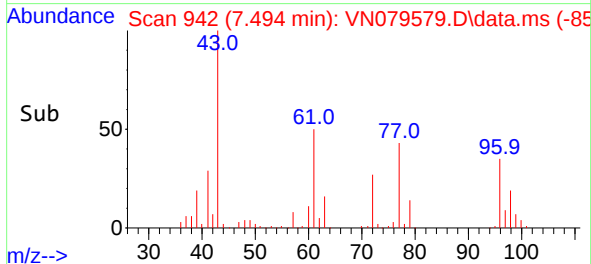
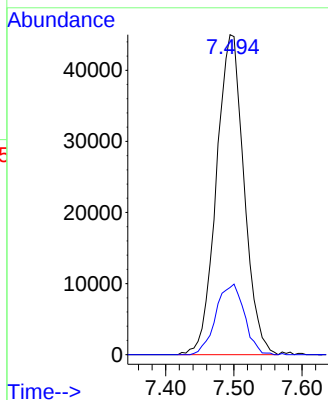
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 77 Resp: 126959
Ion Ratio Lower Upper
77 100
97 22.7 17.9 26.9

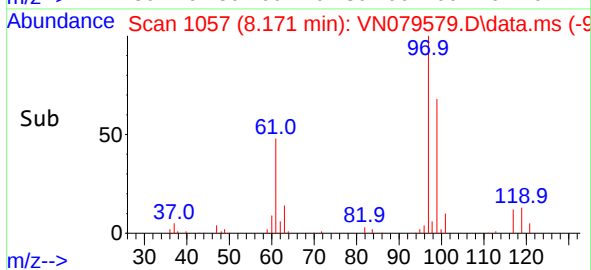
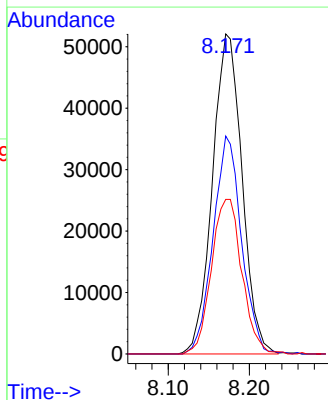
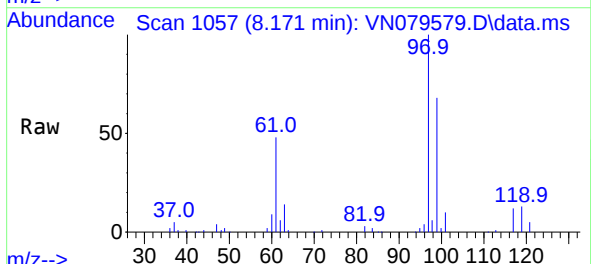
Manual Integrations
APPROVED

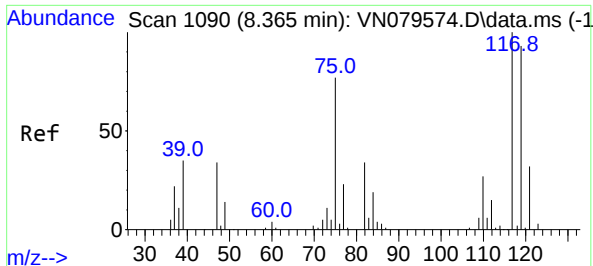
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.746 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

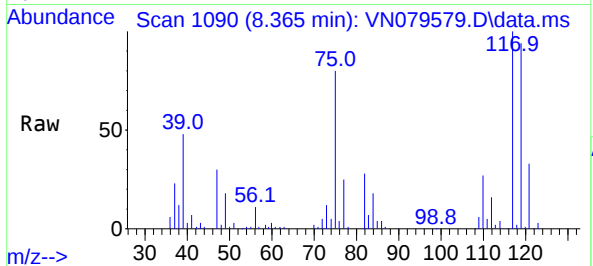
Tgt Ion: 97 Resp: 131830
Ion Ratio Lower Upper
97 100
99 65.5 51.9 77.9
61 49.6 37.6 56.4





#33
Carbon Tetrachloride
Concen: 19.037 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

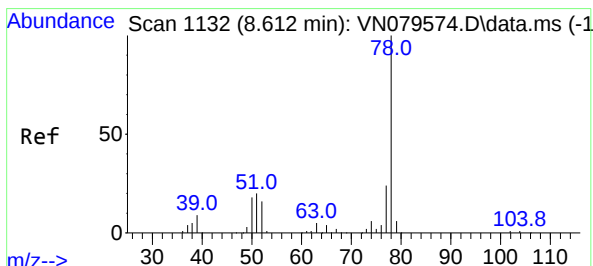
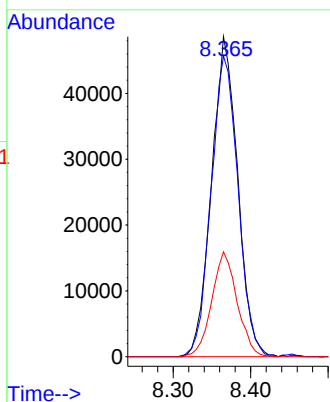
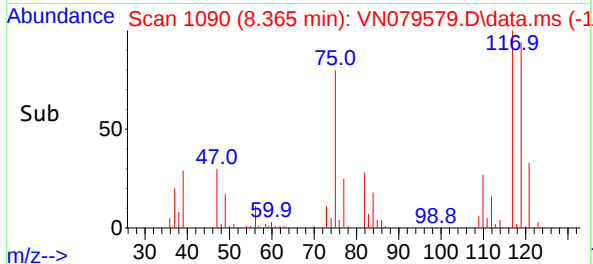
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



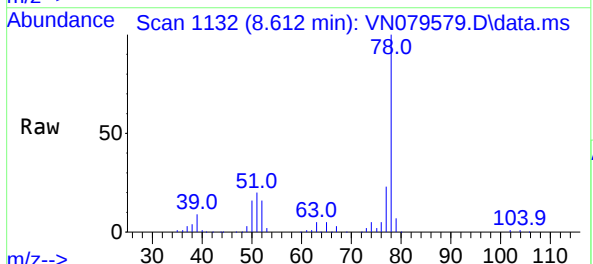
Tgt Ion:117 Resp: 11386
Ion Ratio Lower Upper
117 100
119 93.9 75.0 112.6
121 32.8 24.3 36.5

Manual Integrations
APPROVED

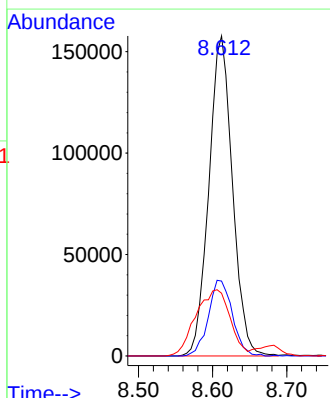
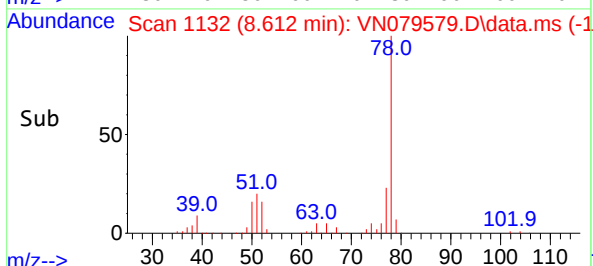
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

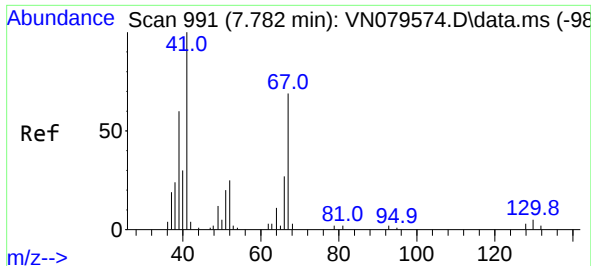


#34
Benzene
Concen: 19.400 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



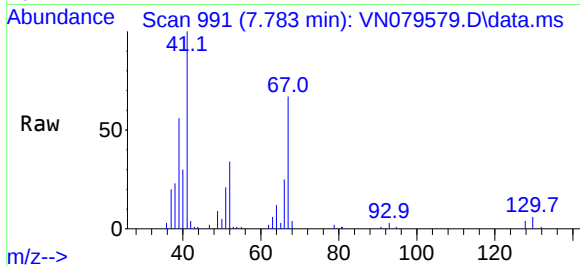
Tgt Ion: 78 Resp: 348754
Ion Ratio Lower Upper
78 100
77 23.4 19.7 29.5
51 18.3 15.8 23.6





#35
Methacrylonitrile
Concen: 17.982 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

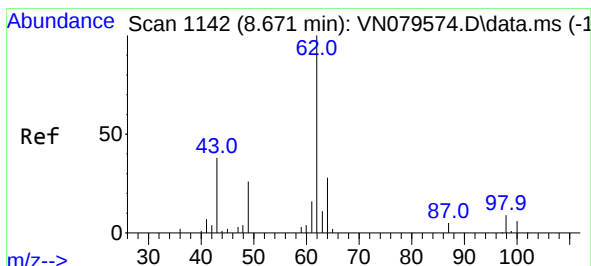
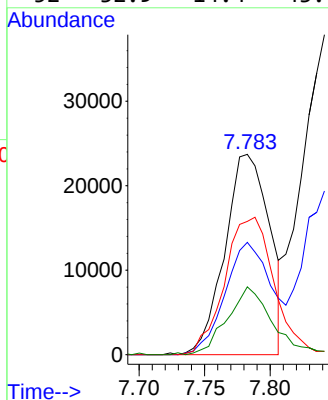
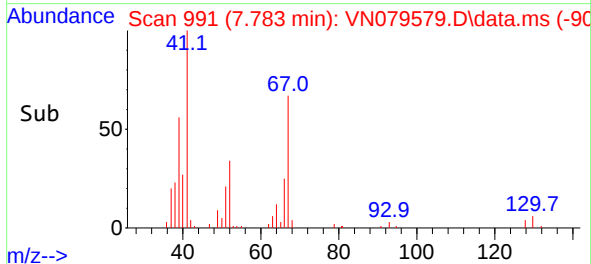
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



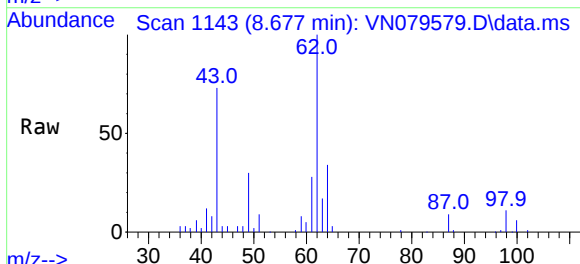
Tgt Ion: 41 Resp: 5610
Ion Ratio Lower Upper
41 100
39 56.1 26.3 78.8
67 66.5 37.5 112.3
52 32.9 14.4 43.4

Manual Integrations
APPROVED

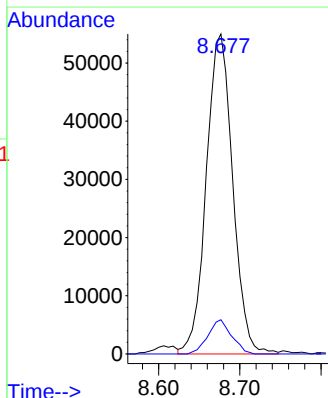
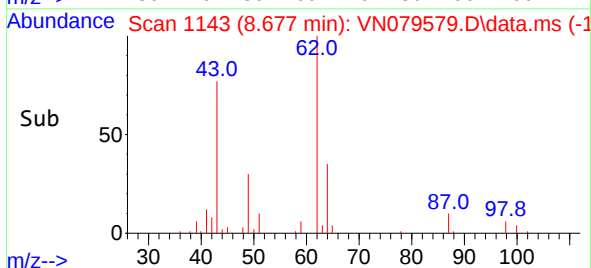
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

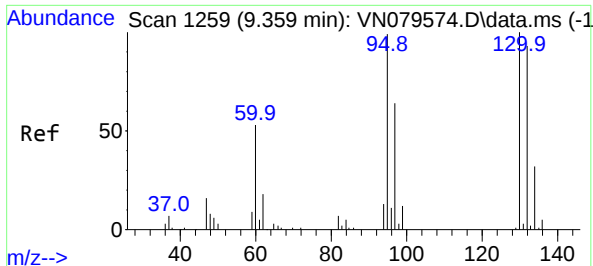


#36
1,2-Dichloroethane
Concen: 19.392 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



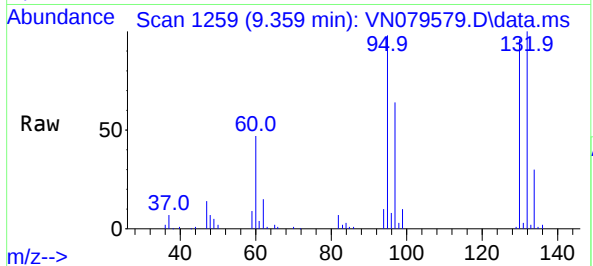
Tgt Ion: 62 Resp: 124468
Ion Ratio Lower Upper
62 100
98 9.5 7.2 10.8





#37
Trichloroethene
Concen: 18.815 ug/l
RT: 9.359 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

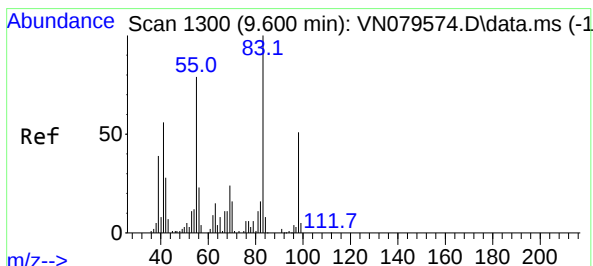
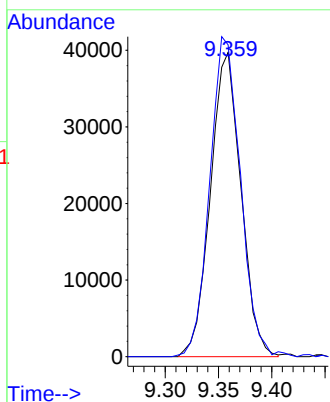
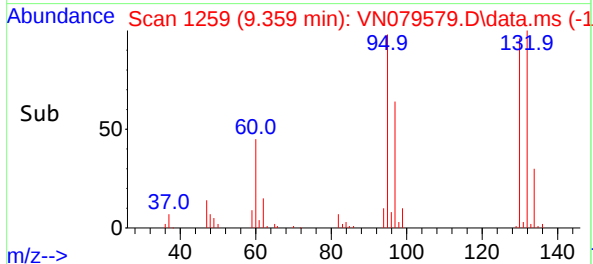
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



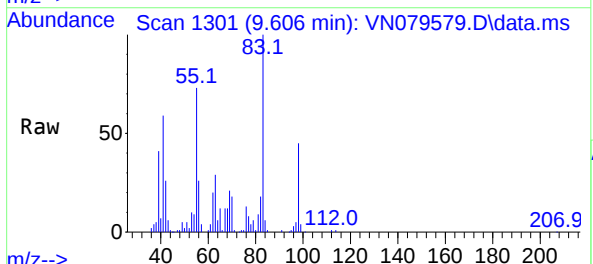
Tgt Ion:130 Resp: 79059
Ion Ratio Lower Upper
130 100
95 102.0 81.2 121.8

Manual Integrations
APPROVED

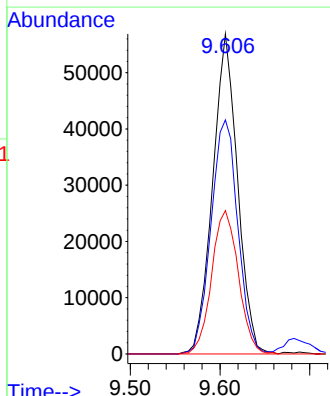
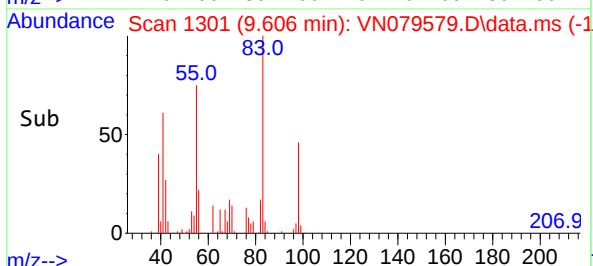
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

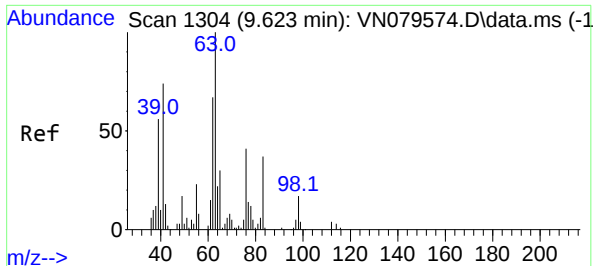


#38
Methylcyclohexane
Concen: 19.226 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



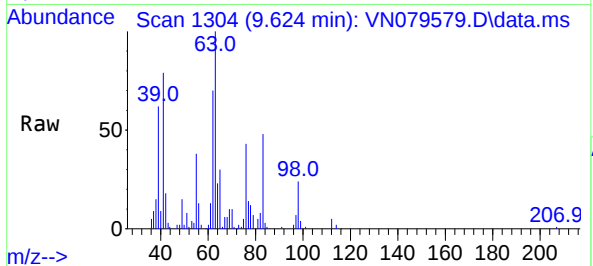
Tgt Ion: 83 Resp: 109527
Ion Ratio Lower Upper
83 100
55 79.0 39.7 119.1
98 48.2 24.4 73.2





#39
1,2-Dichloropropane
Concen: 19.061 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

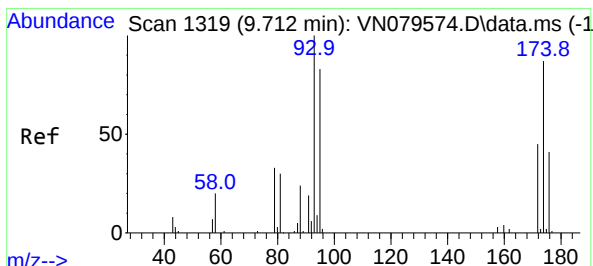
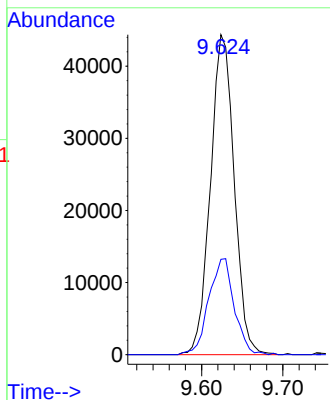
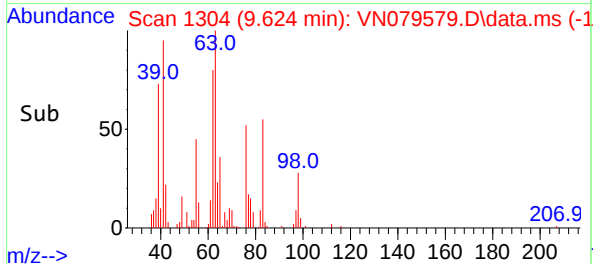
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



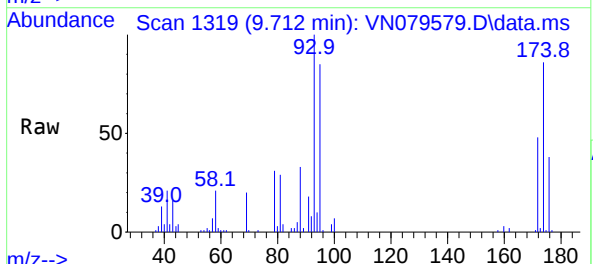
Tgt Ion: 63 Resp: 90420
Ion Ratio Lower Upper
63 100
65 29.8 25.3 37.9

Manual Integrations
APPROVED

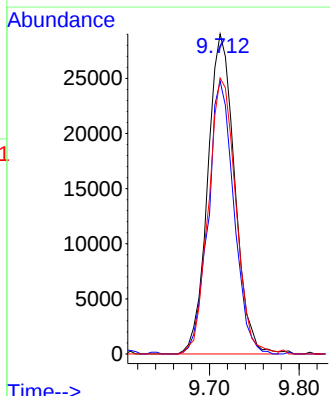
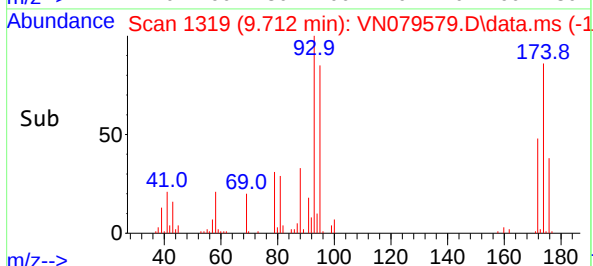
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

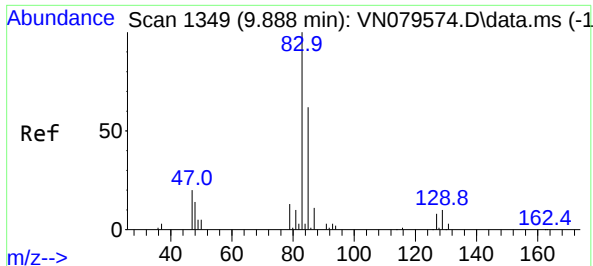


#40
Dibromomethane
Concen: 19.448 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



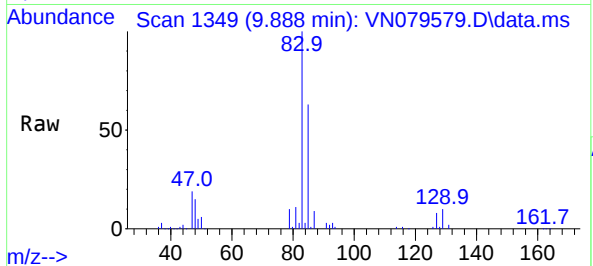
Tgt Ion: 93 Resp: 60547
Ion Ratio Lower Upper
93 100
95 81.1 0.0 166.6
174 87.3 0.0 171.0





#41
Bromodichloromethane
Concen: 19.132 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

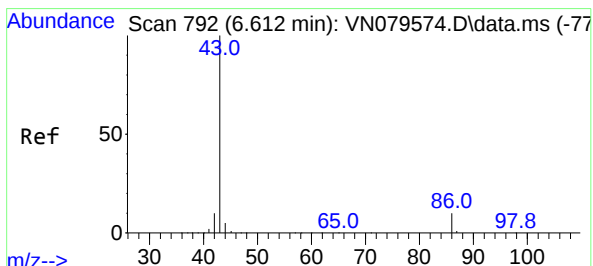
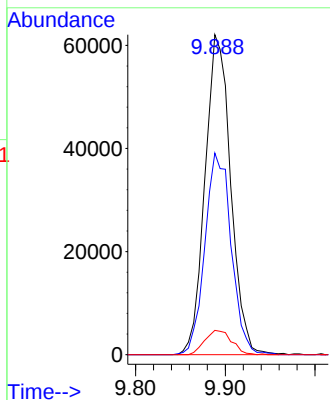
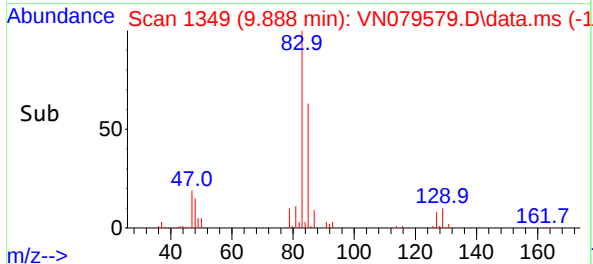
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 83 Resp: 123438
Ion Ratio Lower Upper
83 100
85 63.0 50.3 75.5
127 7.6 6.8 10.2

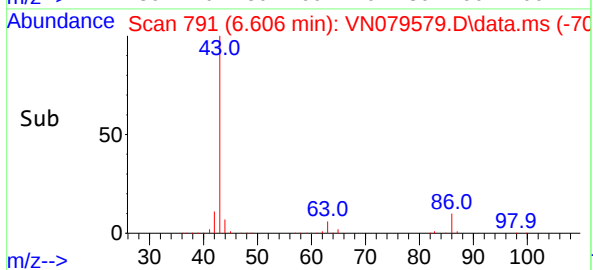
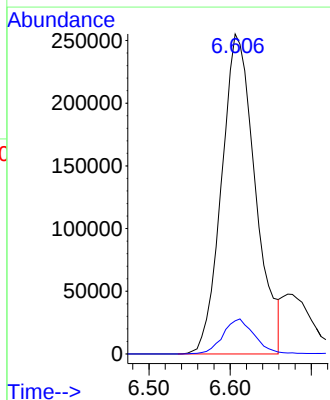
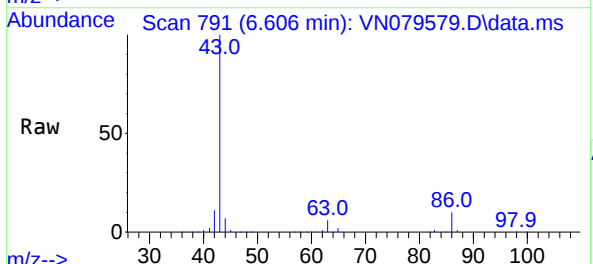
Manual Integrations
APPROVED

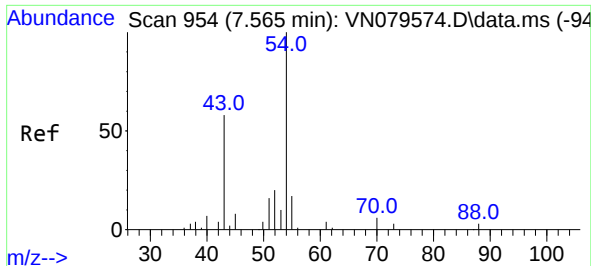
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#42
Vinyl Acetate
Concen: 98.105 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

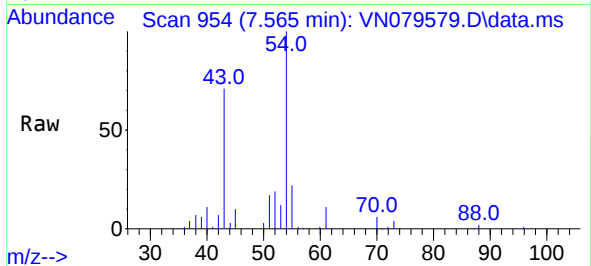
Tgt Ion: 43 Resp: 738092
Ion Ratio Lower Upper
43 100
86 10.1 8.2 12.2





#43
Ethyl Acetate
Concen: 20.306 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

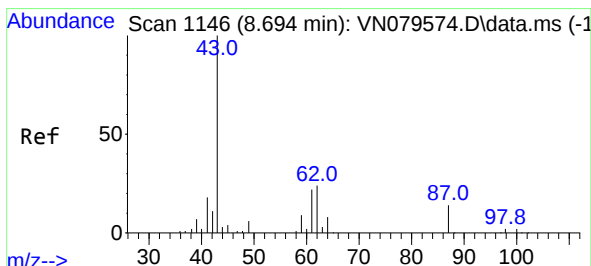
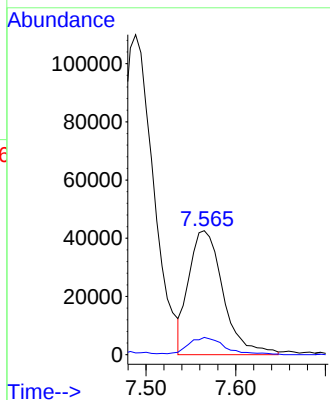
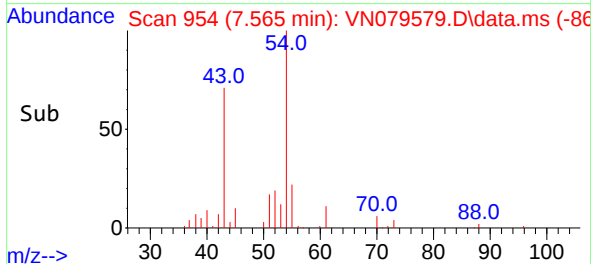
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



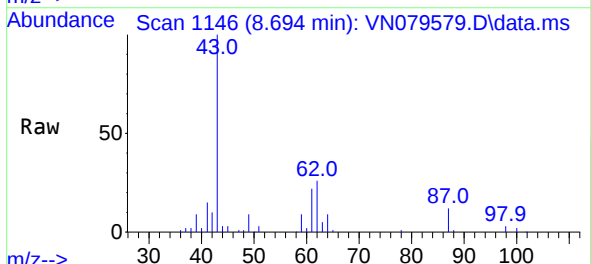
Tgt Ion: 43 Resp: 113244
Ion Ratio Lower Upper
43 100
45 12.8 11.8 17.8

Manual Integrations
APPROVED

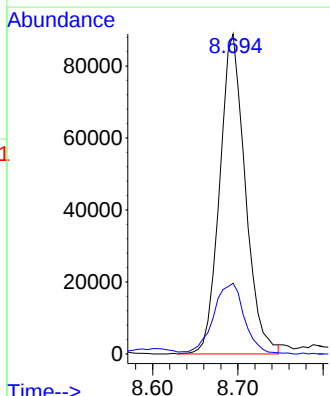
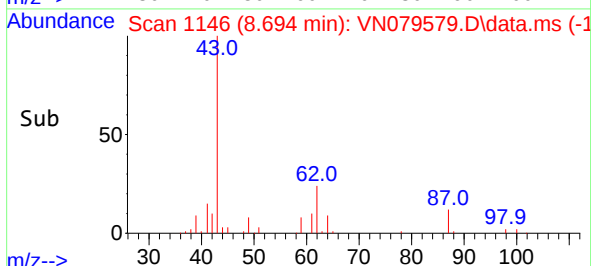
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

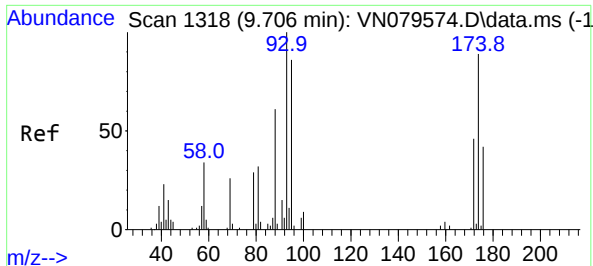


#44
Isopropyl Acetate
Concen: 18.704 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



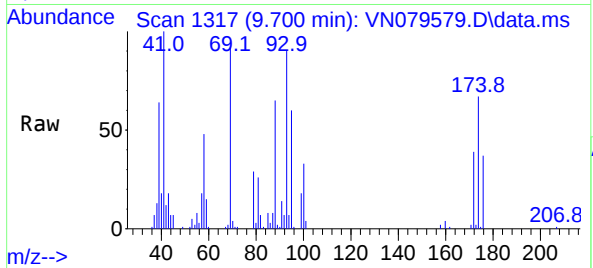
Tgt Ion: 43 Resp: 185432
Ion Ratio Lower Upper
43 100
61 26.7 20.3 30.5





#45
1,4-Dioxane
Concen: 364.292 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

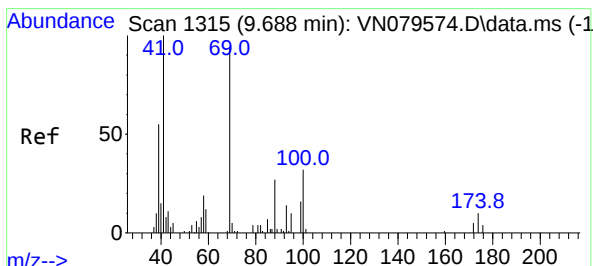
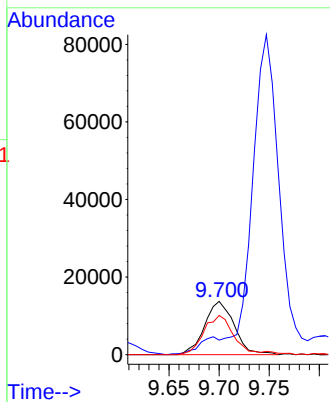
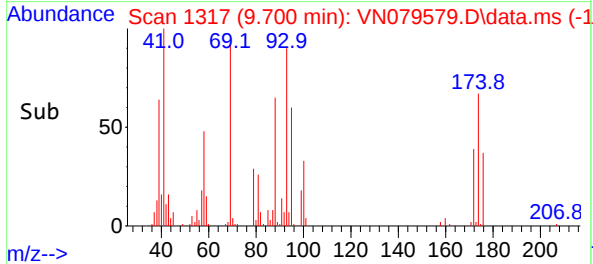
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 88 Resp: 28270
Ion Ratio Lower Upper
88 100
43 24.0 28.7 43.1
58 72.9 56.9 85.3

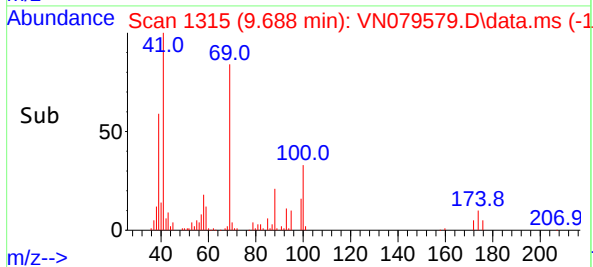
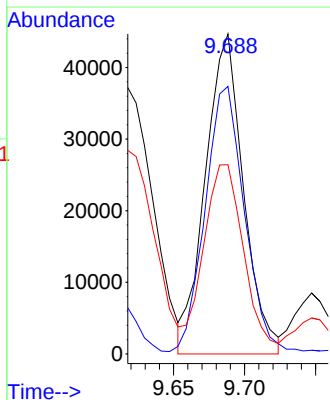
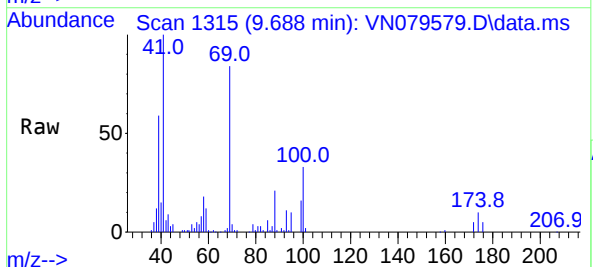
Manual Integrations
APPROVED

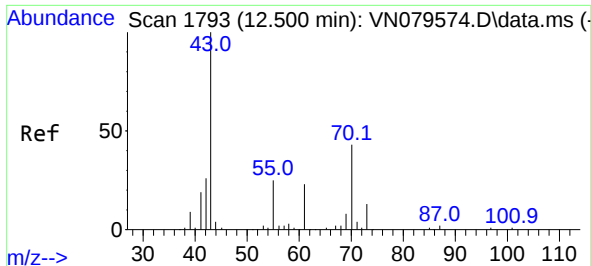
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#46
Methyl methacrylate
Concen: 18.921 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Tgt Ion: 41 Resp: 83217
Ion Ratio Lower Upper
41 100
69 85.7 40.0 119.9
39 58.9 31.1 93.3





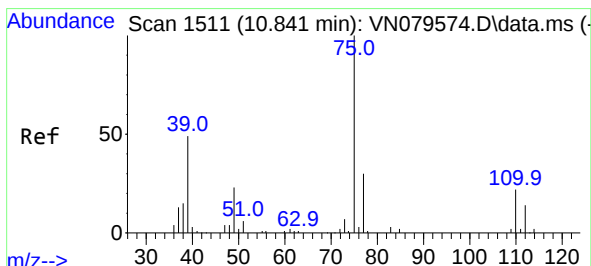
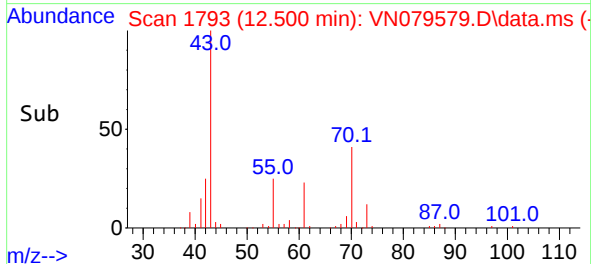
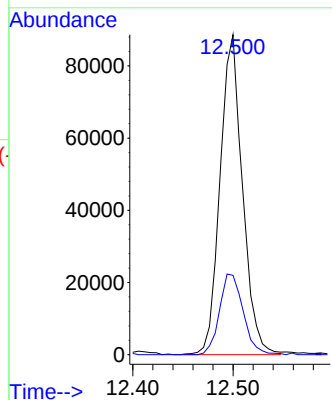
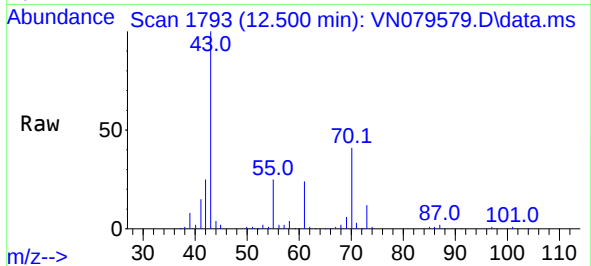
#47
n-amy1 Acetate
Concen: 19.223 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion: 43 Resp: 13754
Ion Ratio Lower Upper
43 100
55 26.5 20.7 31.1

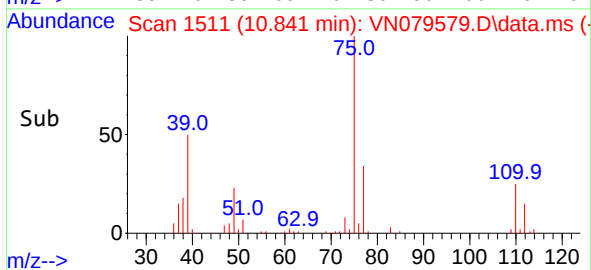
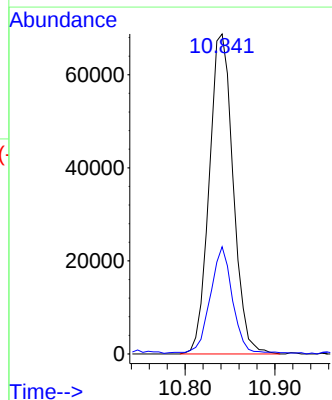
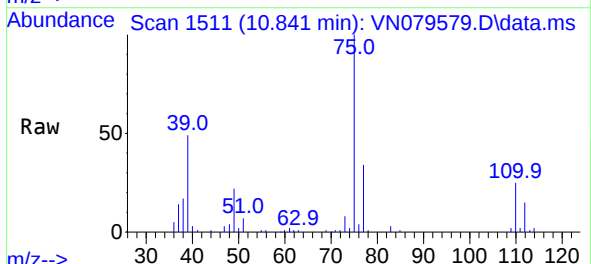
Manual Integrations
APPROVED

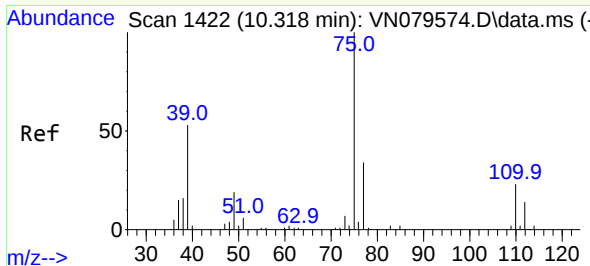
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#48
t-1,3-Dichloropropene
Concen: 19.524 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

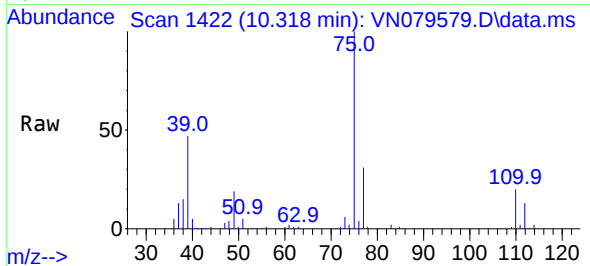
Tgt Ion: 75 Resp: 127342
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 19.709 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

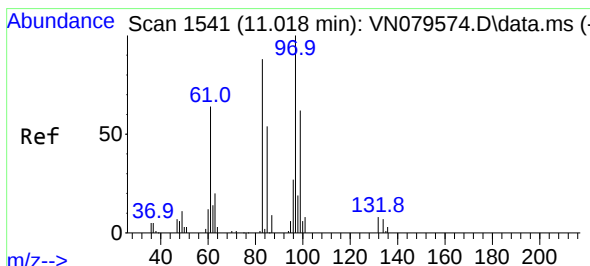
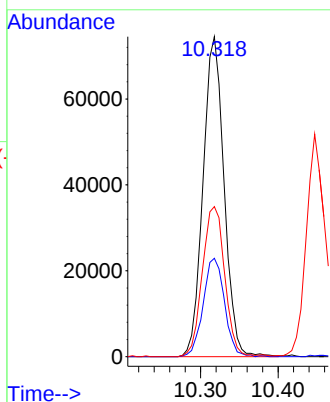
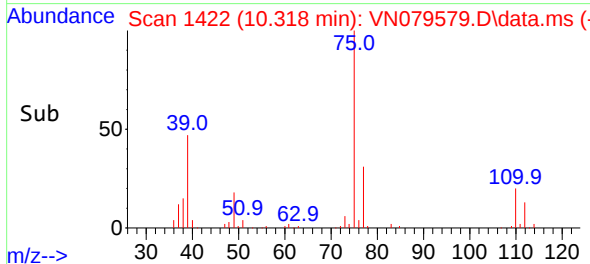
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 75 Resp: 14056
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.6
39 46.9 42.4 63.6

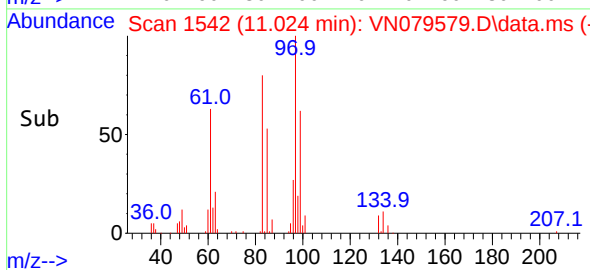
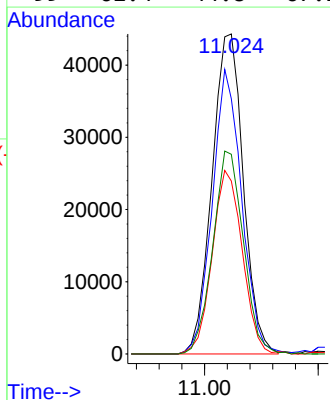
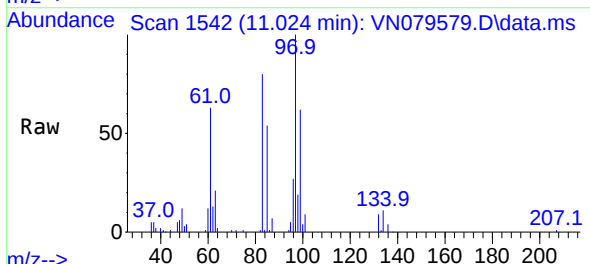
Manual Integrations
APPROVED

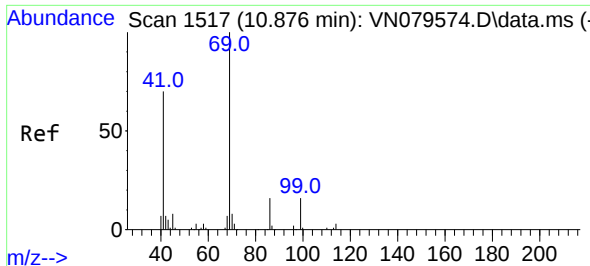
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#50
1,1,2-Trichloroethane
Concen: 19.646 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

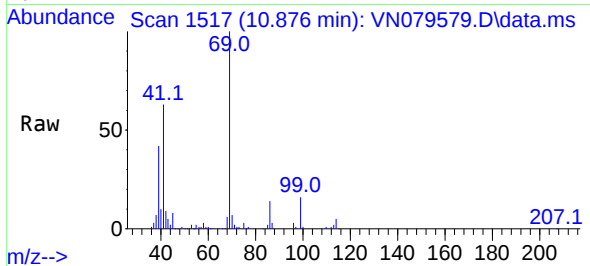
Tgt Ion: 97 Resp: 84850
Ion Ratio Lower Upper
97 100
83 79.8 68.2 102.4
85 54.0 42.9 64.3
99 62.4 44.8 67.2





#51
Ethyl methacrylate
Concen: 19.533 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

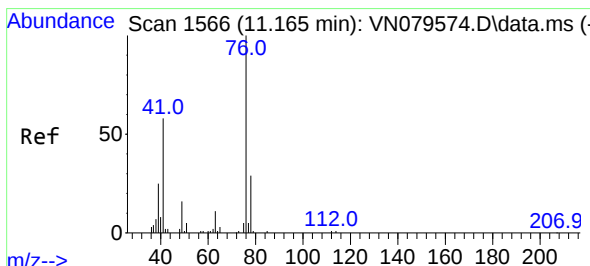
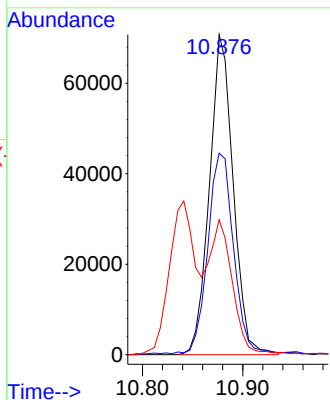
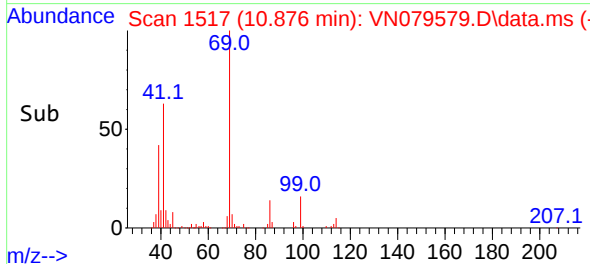
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



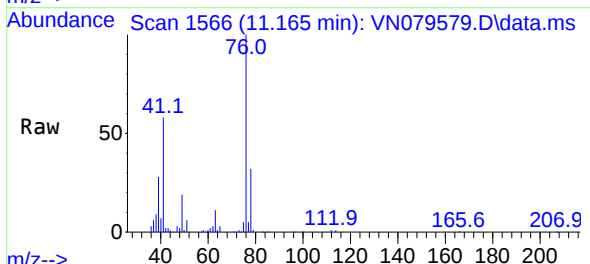
Tgt Ion: 69 Resp: 116392
Ion Ratio Lower Upper
69 100
41 62.3 33.8 101.3
39 41.5 21.3 63.9

Manual Integrations
APPROVED

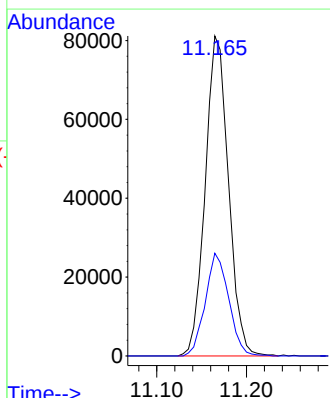
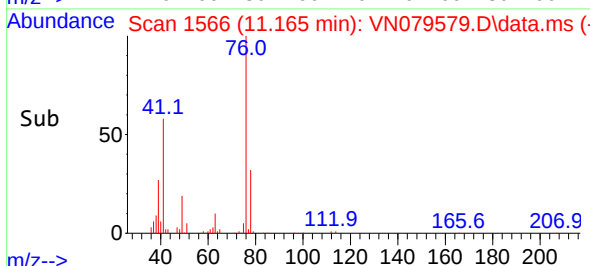
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

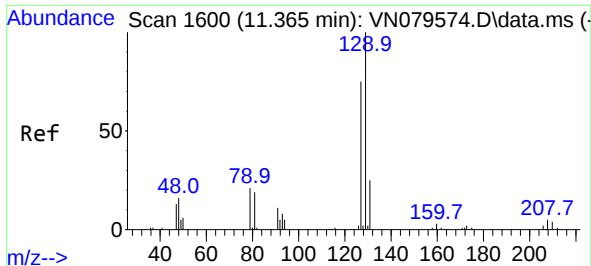


#52
1,3-Dichloropropane
Concen: 19.077 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



Tgt Ion: 76 Resp: 145967
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





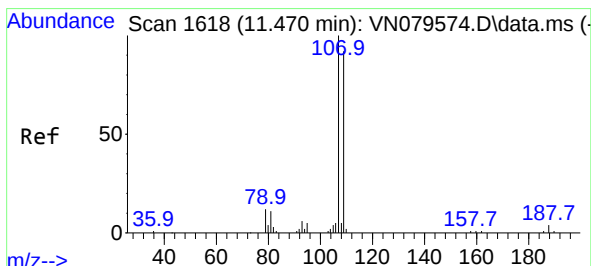
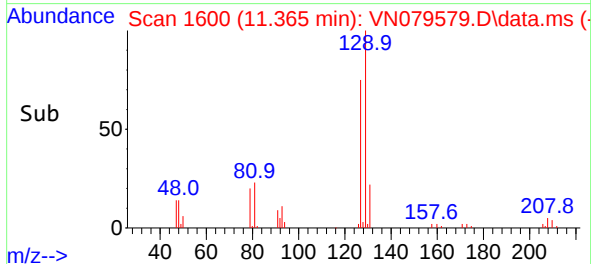
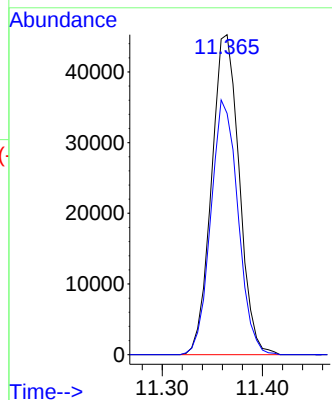
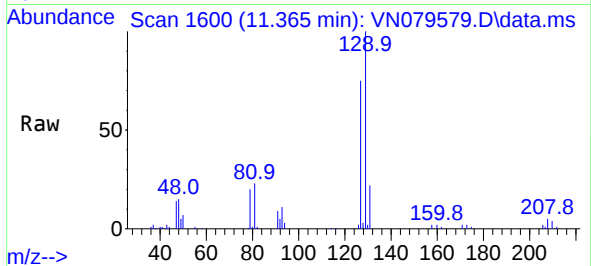
#53
Dibromochloromethane
Concen: 19.700 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion:129 Resp: 86958
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3

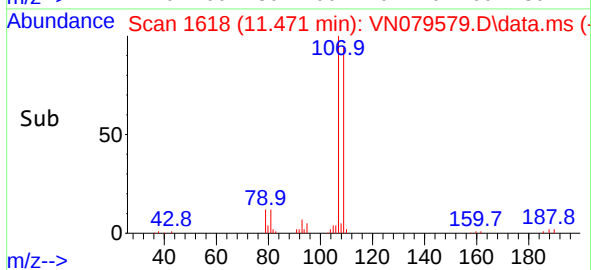
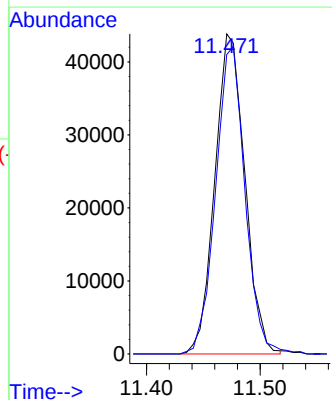
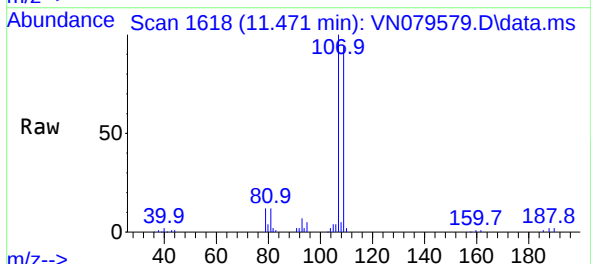
Manual Integrations
APPROVED

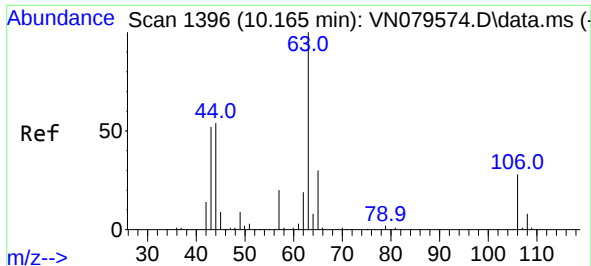
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#54
1,2-Dibromoethane
Concen: 18.882 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

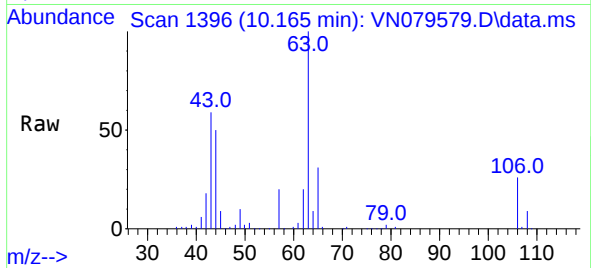
Tgt Ion:107 Resp: 80455
Ion Ratio Lower Upper
107 100
109 94.1 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 79.651 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

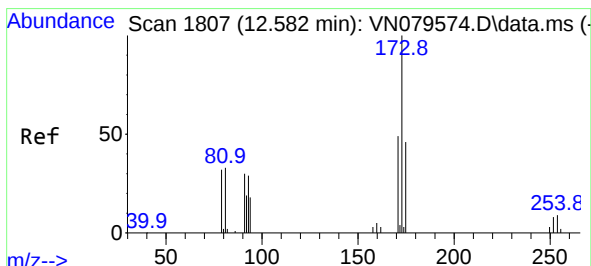
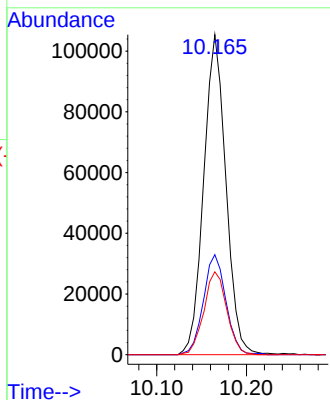
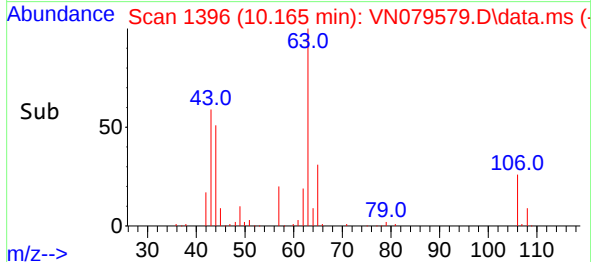
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 63 Resp: 181088
Ion Ratio Lower Upper
63 100
65 31.6 25.9 38.9
106 26.7 20.6 30.8

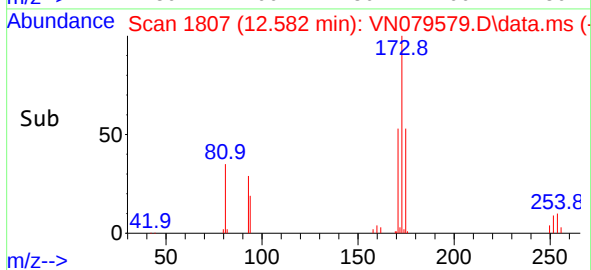
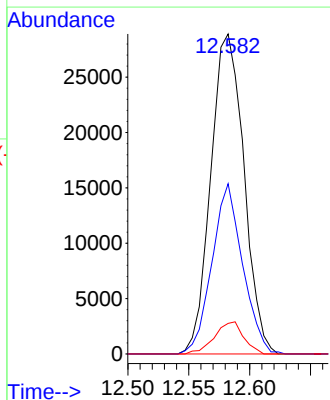
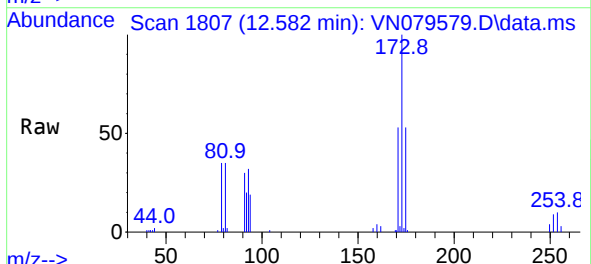
Manual Integrations
APPROVED

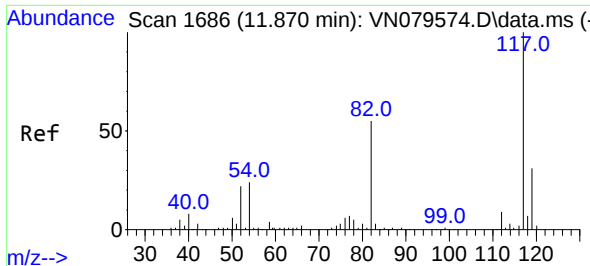
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Bromoform
Concen: 18.742 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

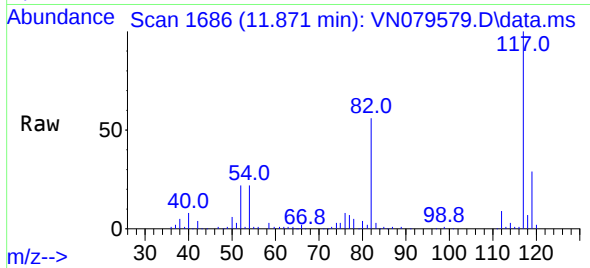
Tgt Ion:173 Resp: 54730
Ion Ratio Lower Upper
173 100
175 49.2 37.9 56.9
254 8.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

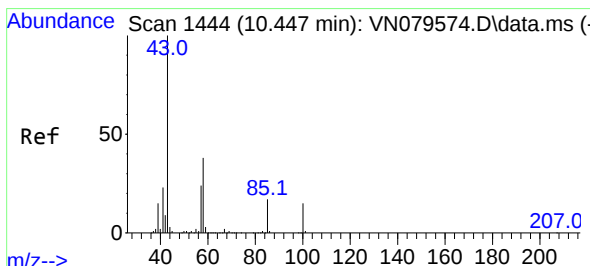
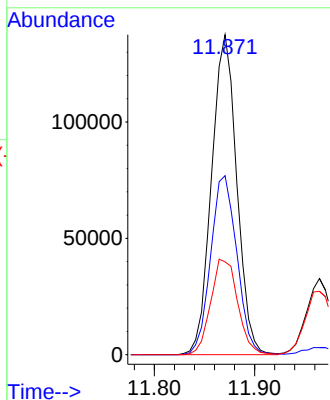
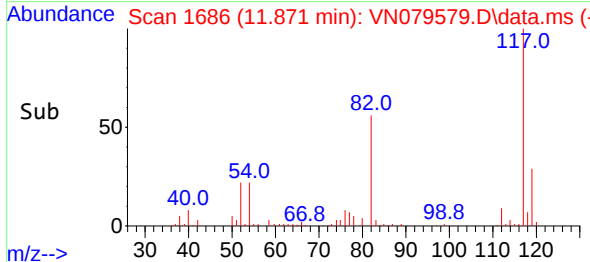
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



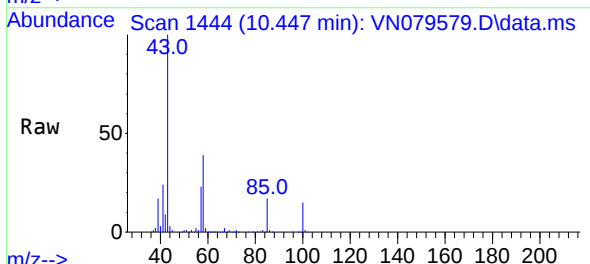
Tgt Ion: 117 Resp: 240540
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.2
119 32.0 25.2 37.8

Manual Integrations
APPROVED

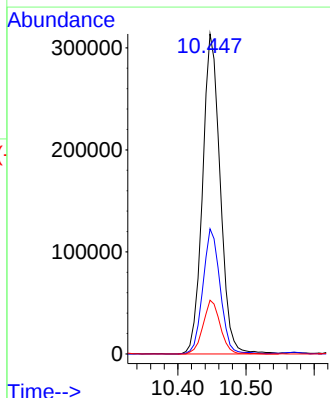
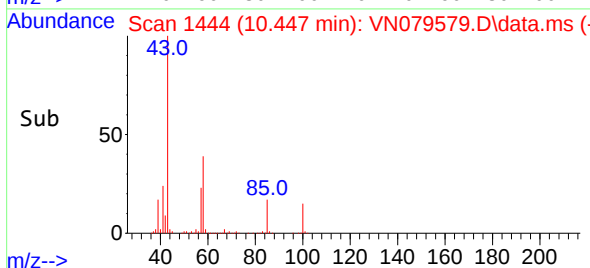
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

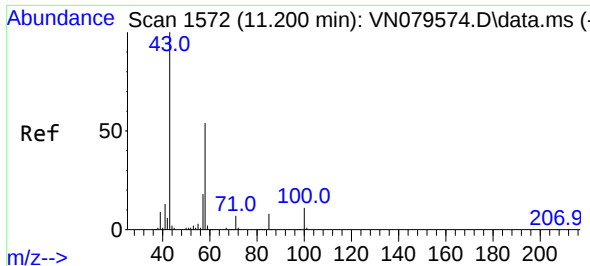


#58
4-Methyl-2-Pentanone
Concen: 100.684 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



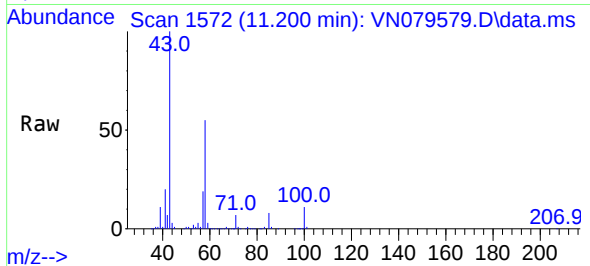
Tgt Ion: 43 Resp: 564903
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6
85 16.2 13.2 19.8





#59
2-Hexanone
Concen: 99.327 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

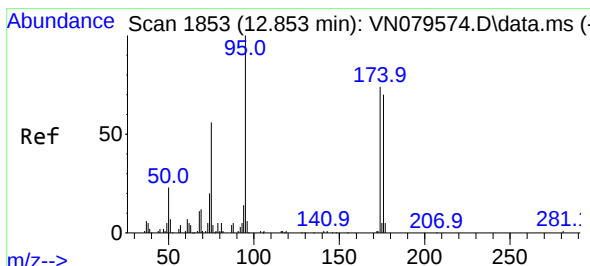
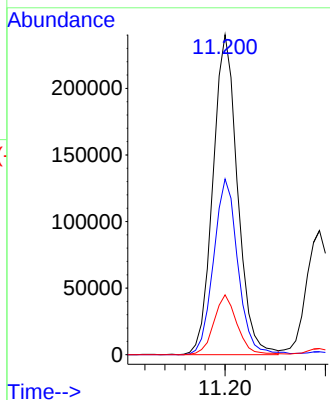
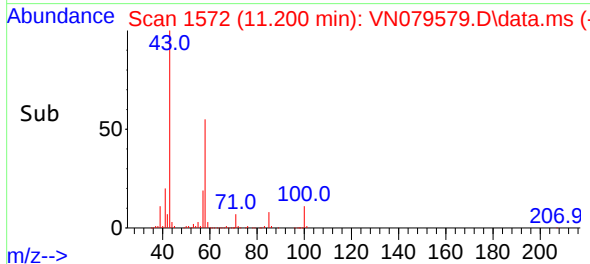
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



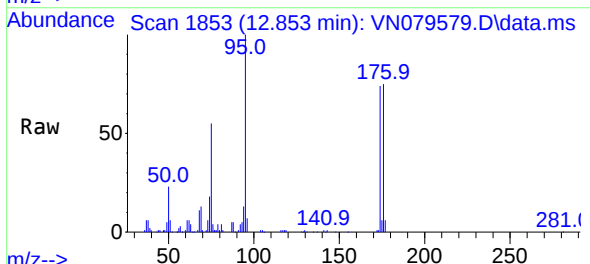
Tgt Ion: 43 Resp: 40884
Ion Ratio Lower Upper
43 100
58 54.1 42.3 63.5
57 17.7 13.9 20.9

Manual Integrations
APPROVED

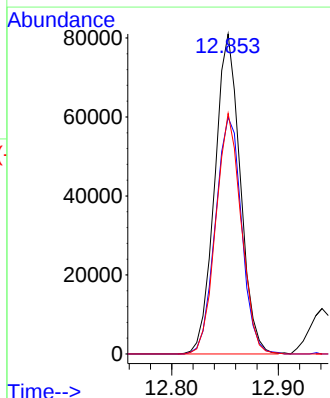
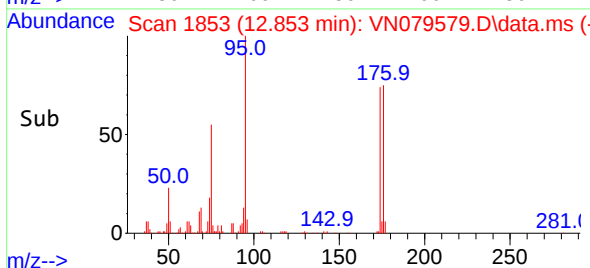
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

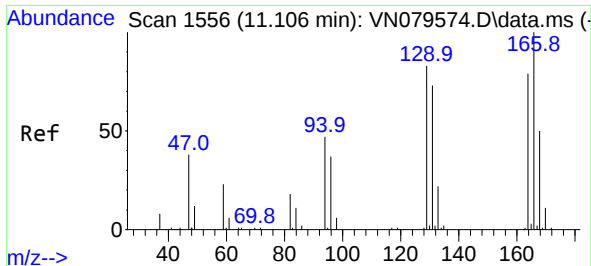


#60
4-Bromofluorobenzene
Concen: 30.575 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



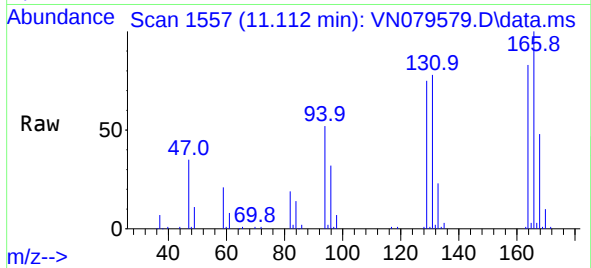
Tgt Ion: 95 Resp: 134498
Ion Ratio Lower Upper
95 100
174 76.1 60.5 90.7
176 74.7 57.2 85.8





#61
Tetrachloroethene
Concen: 20.313 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

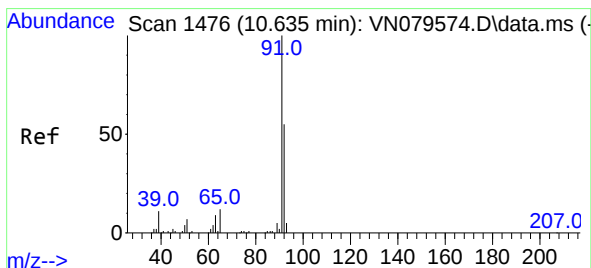
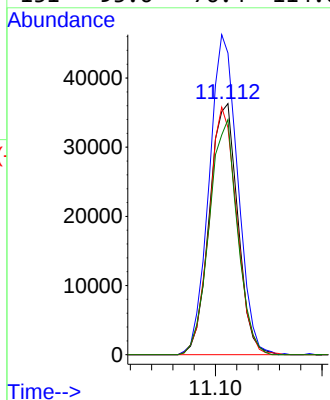
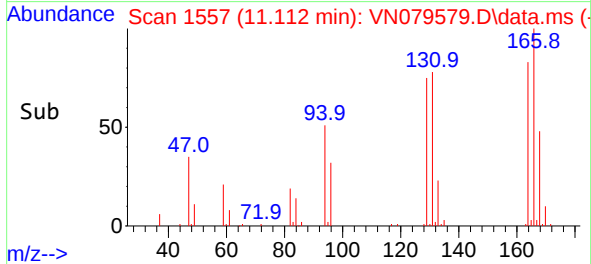
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



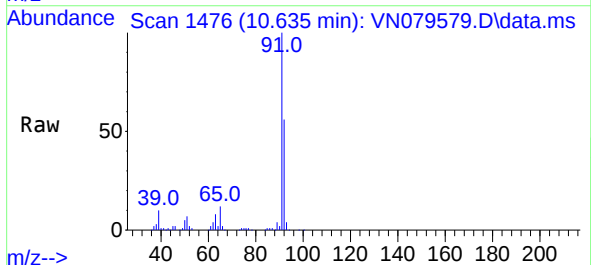
Tgt Ion:164 Resp: 6708
Ion Ratio Lower Upper
164 100
166 120.1 98.2 147.4
129 90.4 75.0 112.4
131 93.6 76.4 114.6

Manual Integrations
APPROVED

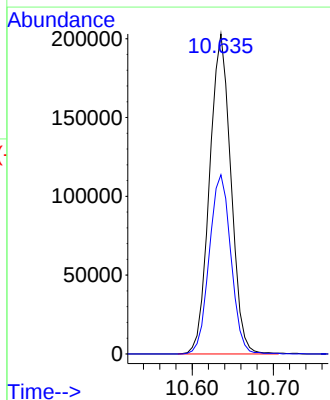
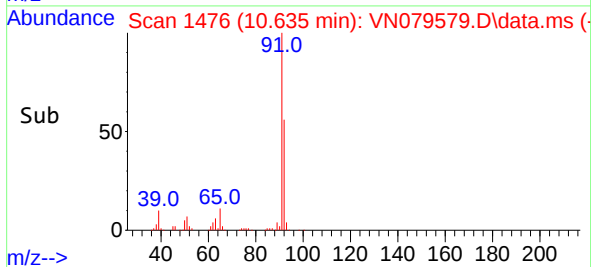
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

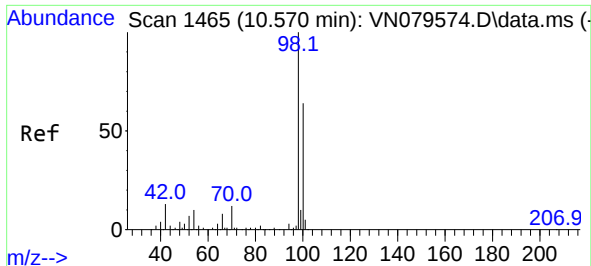


#62
Toluene
Concen: 20.170 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



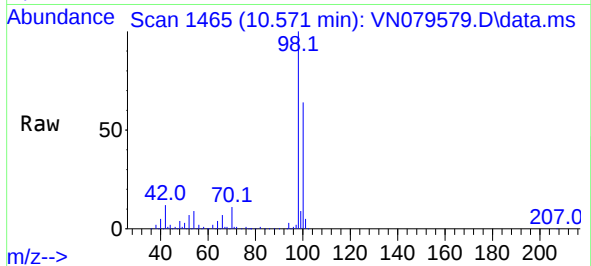
Tgt Ion: 91 Resp: 370807
Ion Ratio Lower Upper
91 100
92 56.6 45.3 67.9





#63
Toluene-d8
Concen: 30.316 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

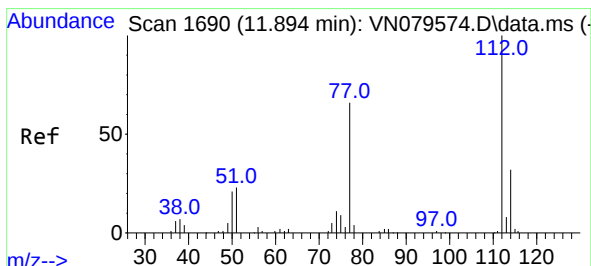
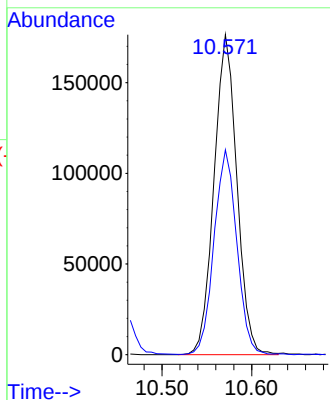
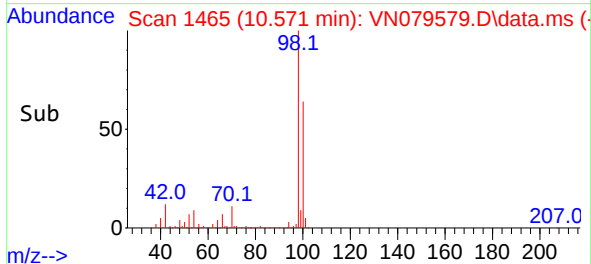
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 98 Resp: 312484
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

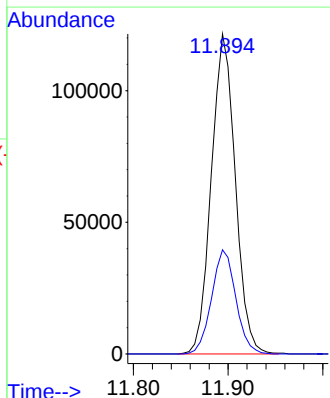
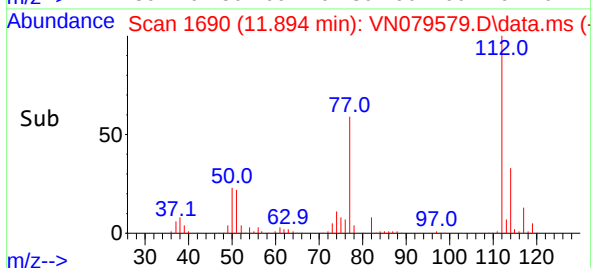
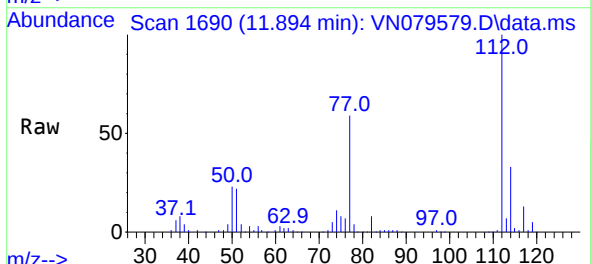
Manual Integrations
APPROVED

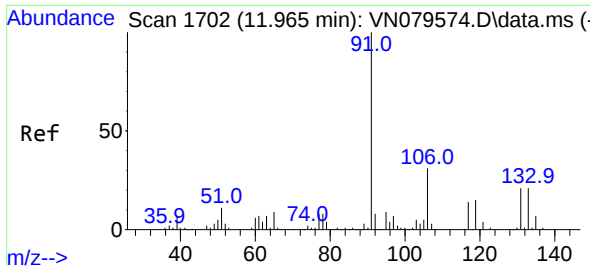
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#64
Chlorobenzene
Concen: 20.061 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

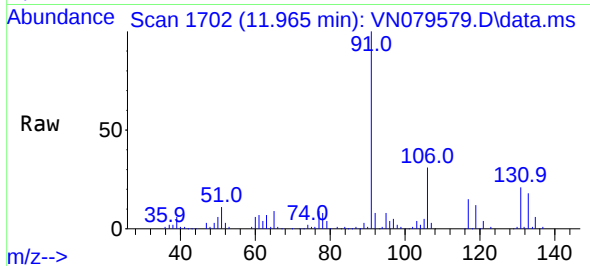
Tgt Ion:112 Resp: 213896
Ion Ratio Lower Upper
112 100
114 32.5 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.571 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

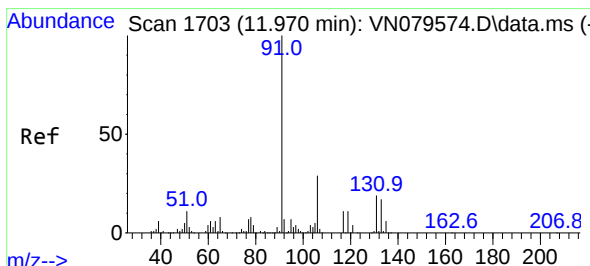
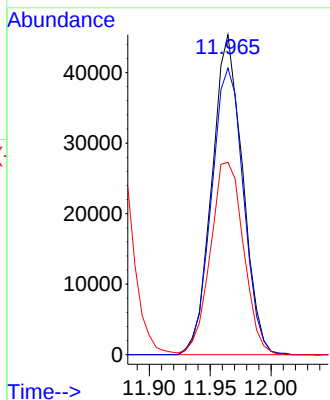
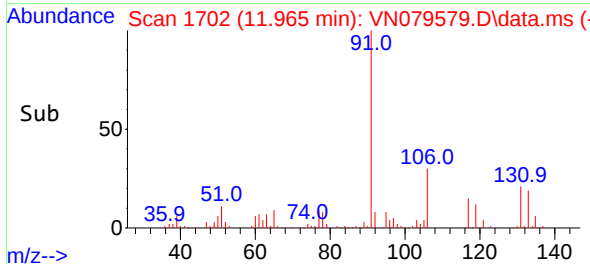
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



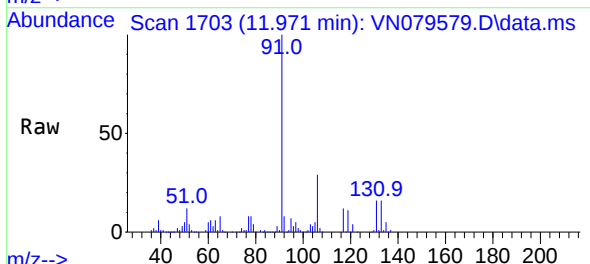
Tgt Ion:131 Resp: 79490
Ion Ratio Lower Upper
131 100
133 93.7 0.0 196.0
119 64.8 0.0 135.6

Manual Integrations
APPROVED

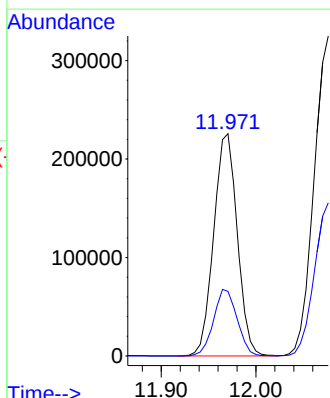
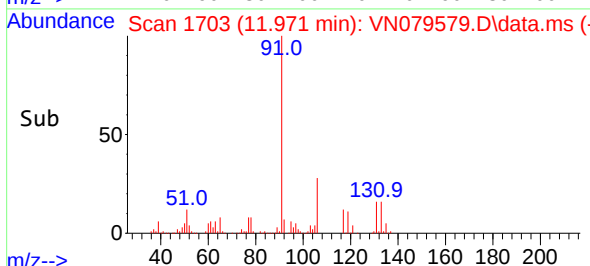
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

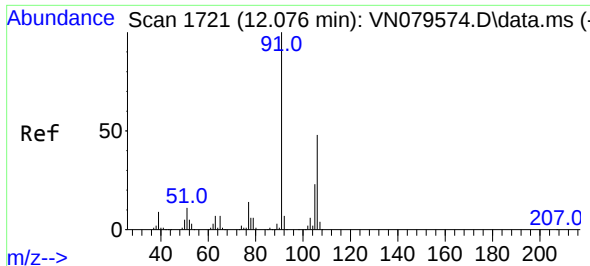


#66
Ethyl Benzene
Concen: 20.621 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



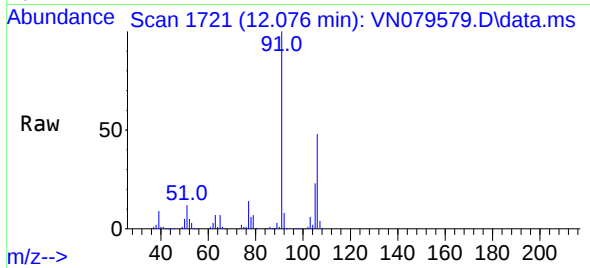
Tgt Ion: 91 Resp: 390588
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.8





#67
m/p-Xylenes
Concen: 41.466 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

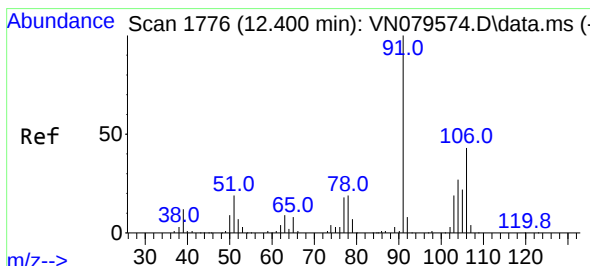
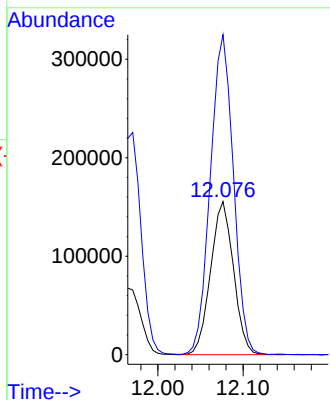
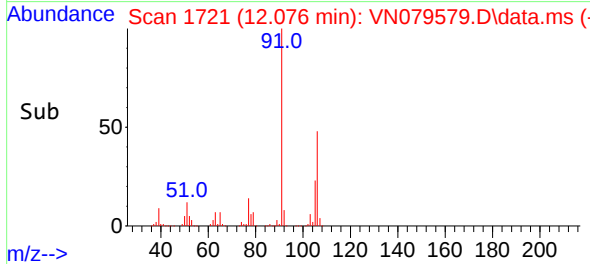
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



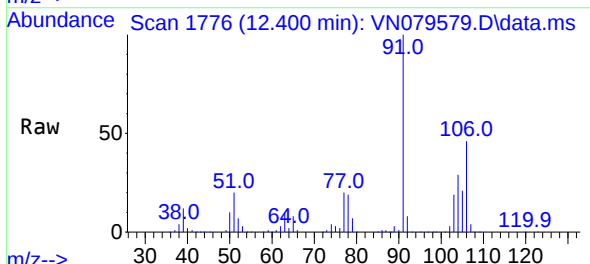
Tgt Ion:106 Resp: 290507
Ion Ratio Lower Upper
106 100
91 210.8 161.8 242.6

Manual Integrations
APPROVED

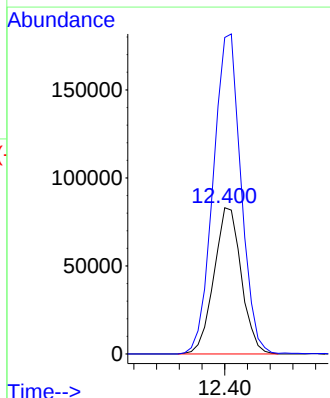
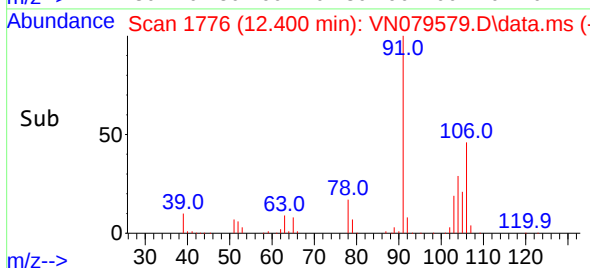
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

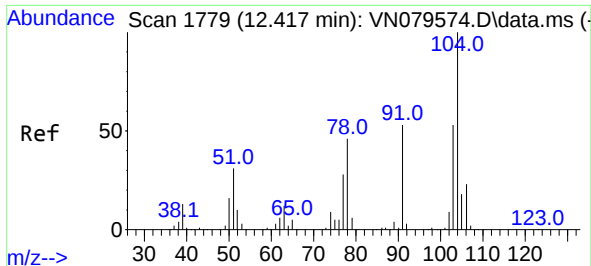


#68
o-Xylene
Concen: 20.738 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



Tgt Ion:106 Resp: 138889
Ion Ratio Lower Upper
106 100
91 222.0 109.9 329.7





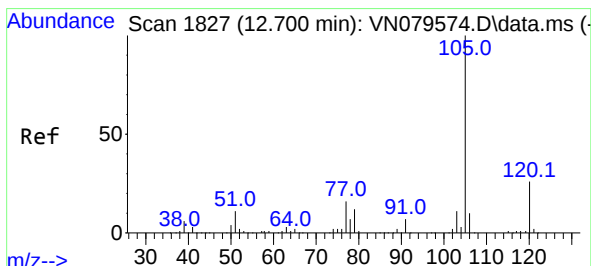
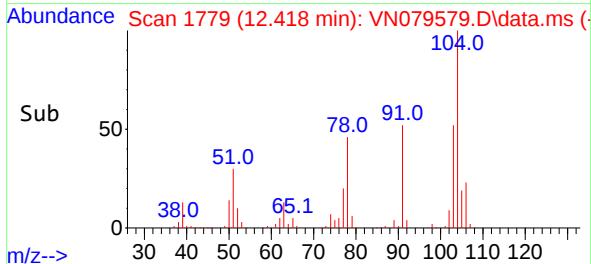
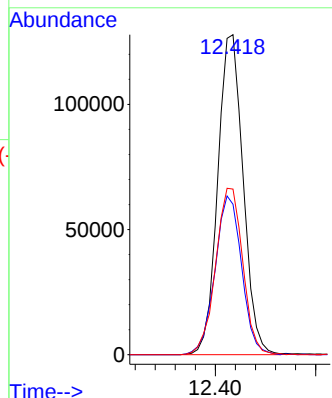
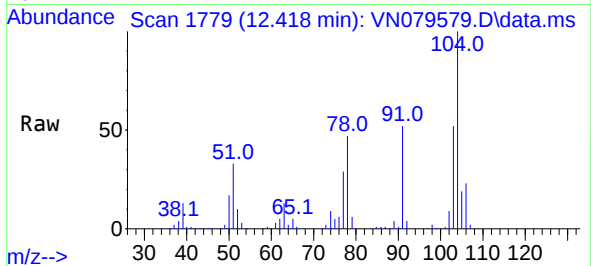
#69
Styrene
Concen: 21.099 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion:104 Resp: 224334
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.5 43.1 64.7

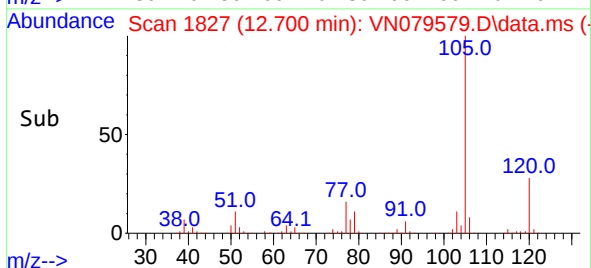
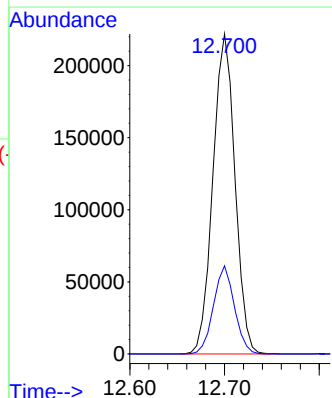
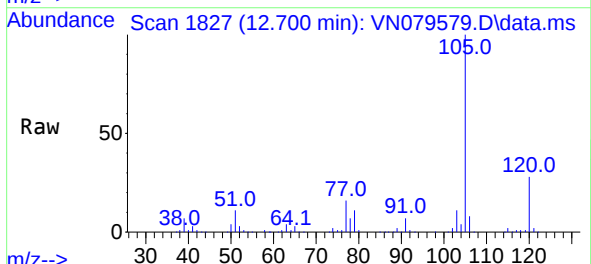
Manual Integrations
APPROVED

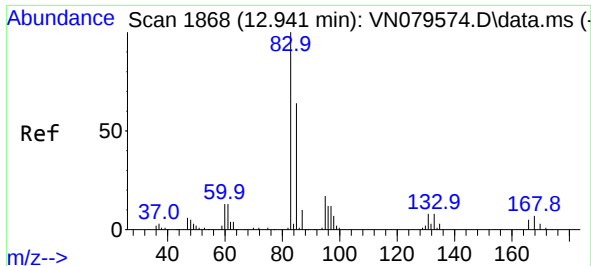
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Isopropylbenzene
Concen: 20.878 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

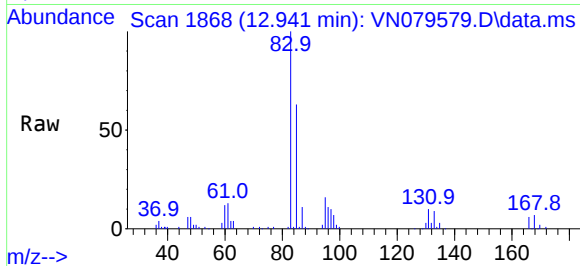
Tgt Ion:105 Resp: 358845
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.842 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

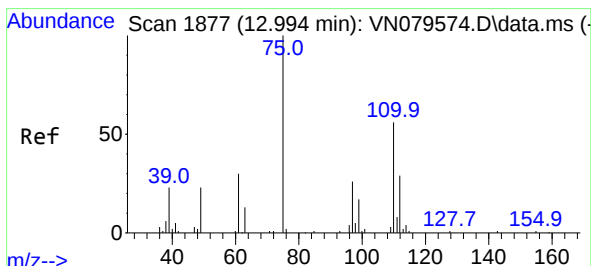
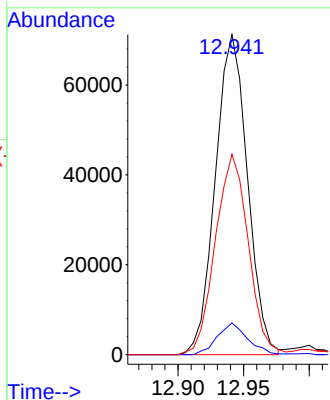
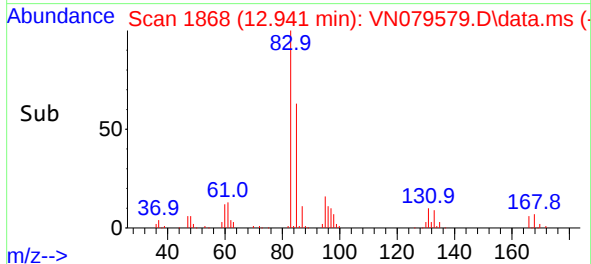
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



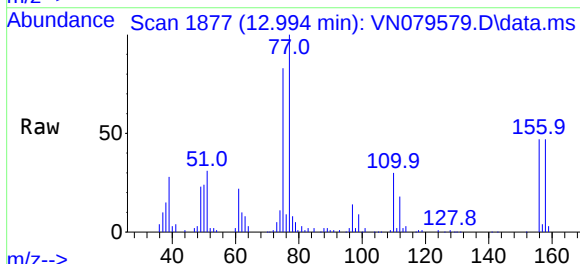
Tgt Ion: 83 Resp: 12126
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 64.2 32.1 96.3

Manual Integrations
APPROVED

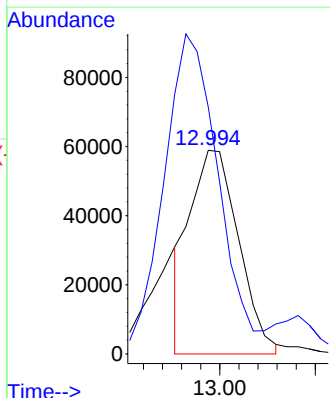
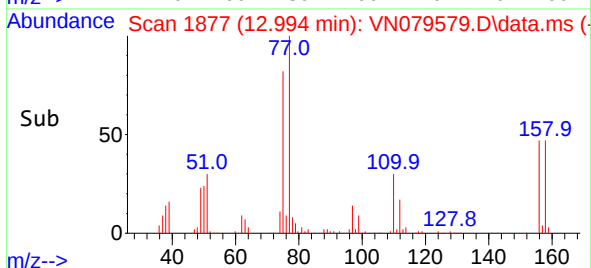
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

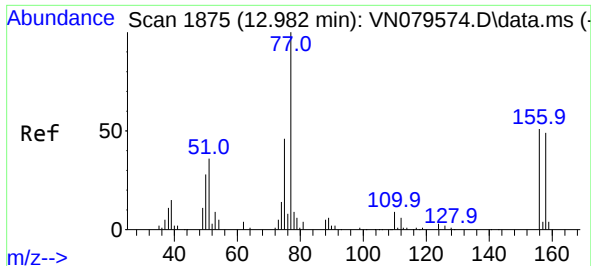


#72
1,2,3-Trichloropropane
Concen: 18.859 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



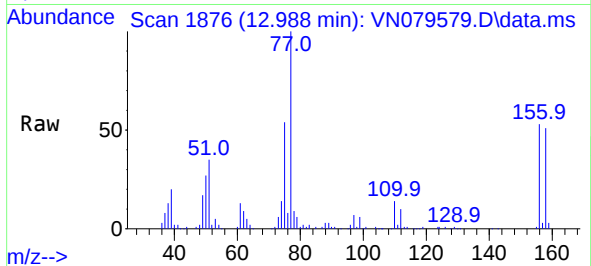
Tgt Ion: 75 Resp: 104666
Ion Ratio Lower Upper
75 100
77 174.3 0.0 338.2





#73
Bromobenzene
Concen: 20.177 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

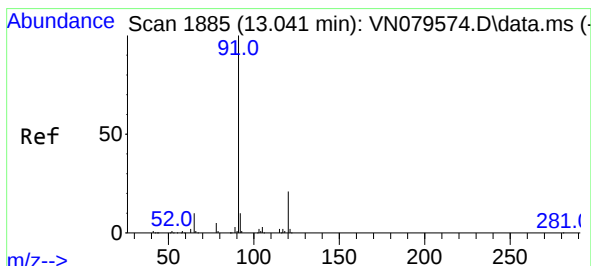
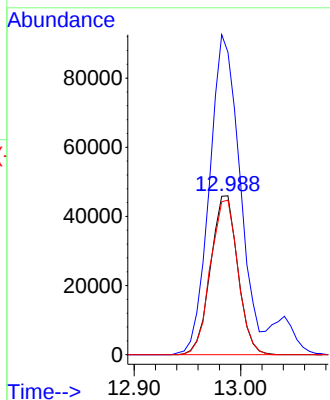
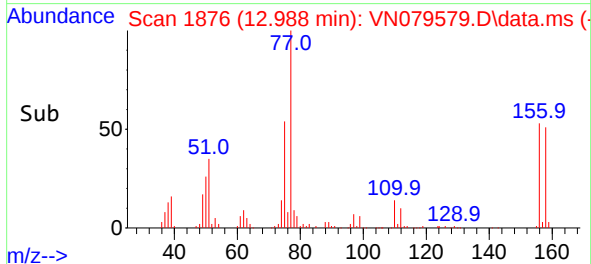
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



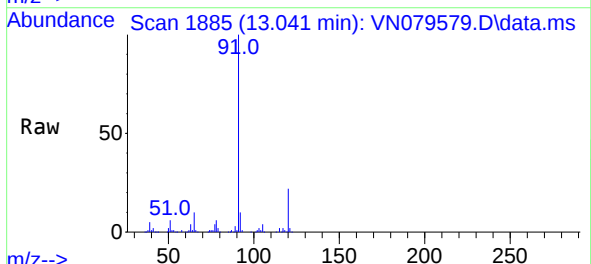
Tgt Ion:156 Resp: 81460
Ion Ratio Lower Upper
156 100
77 223.9 0.0 448.2
158 98.3 0.0 194.8

Manual Integrations
APPROVED

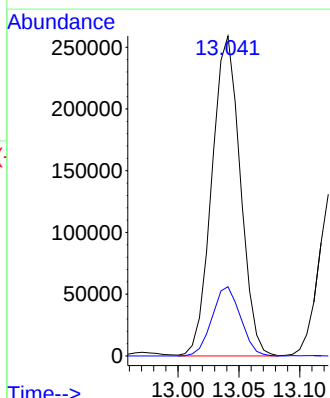
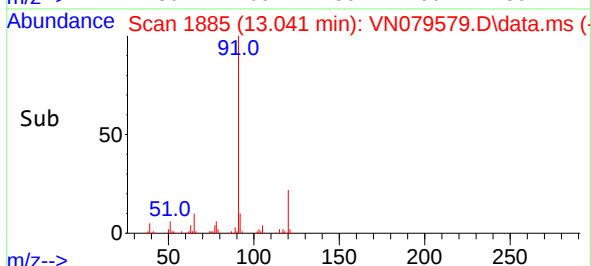
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

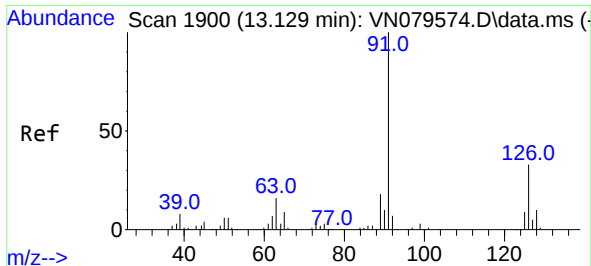


#74
n-propylbenzene
Concen: 21.053 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



Tgt Ion: 91 Resp: 421277
Ion Ratio Lower Upper
91 100
120 21.6 0.0 42.0





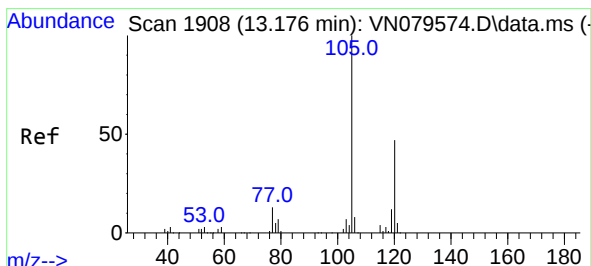
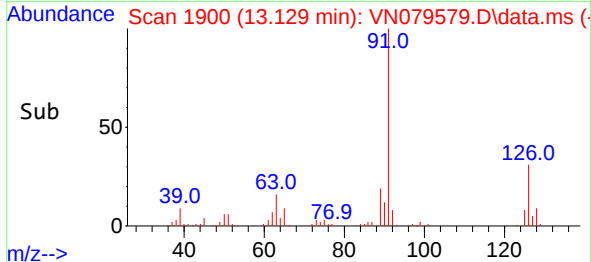
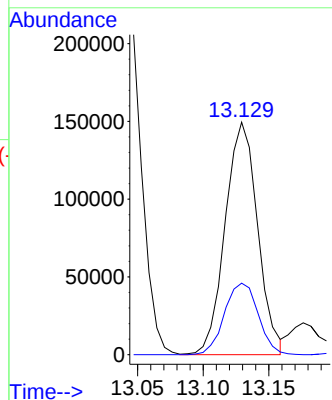
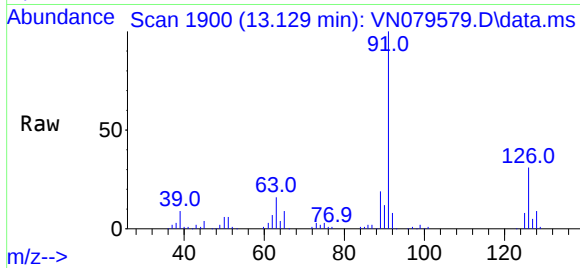
#75
2-Chlorotoluene
Concen: 20.713 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion: 91 Resp: 257672
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.6

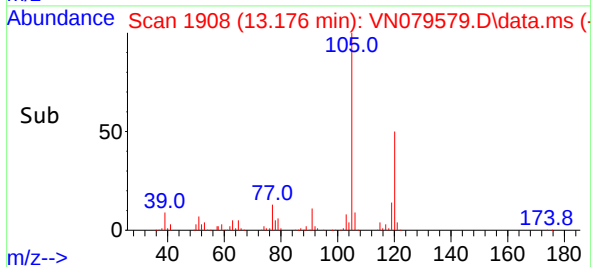
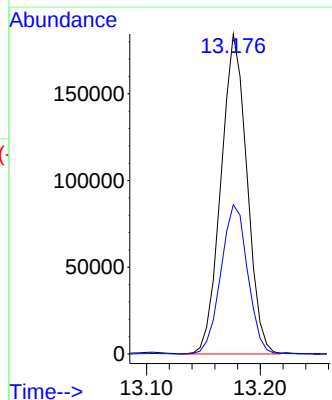
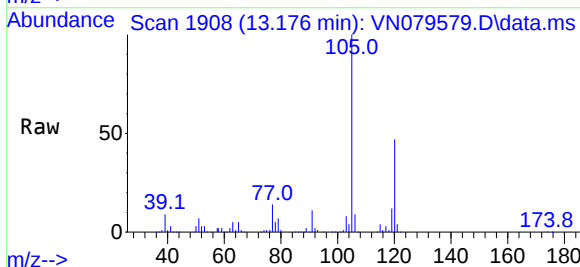
Manual Integrations
APPROVED

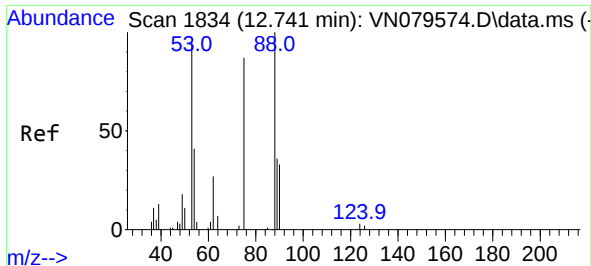
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.844 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

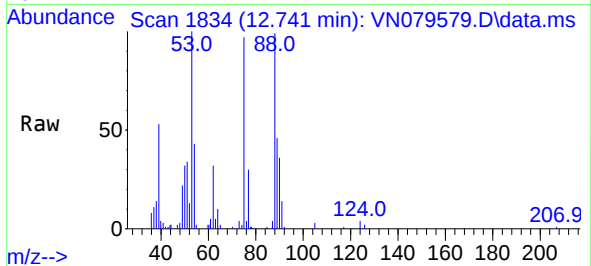
Tgt Ion:105 Resp: 292875
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.659 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

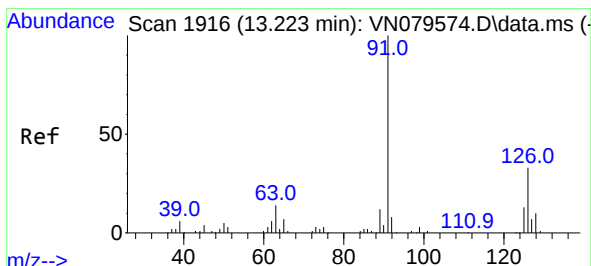
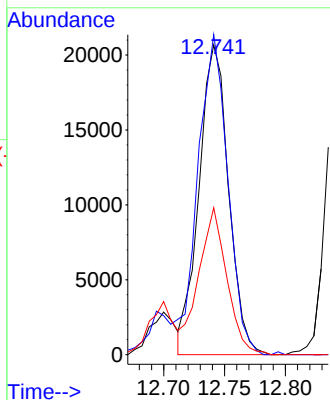
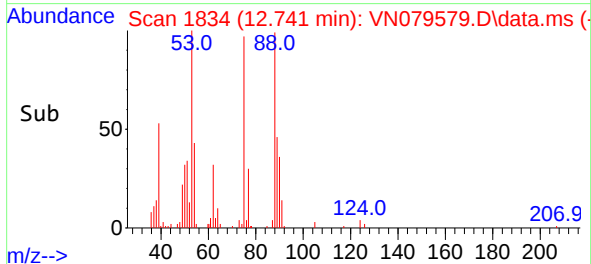
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



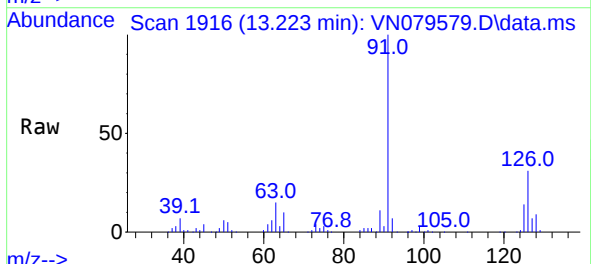
Tgt Ion: 75 Resp: 34994
Ion Ratio Lower Upper
75 100
53 102.3 53.0 159.1
89 47.4 22.6 67.7

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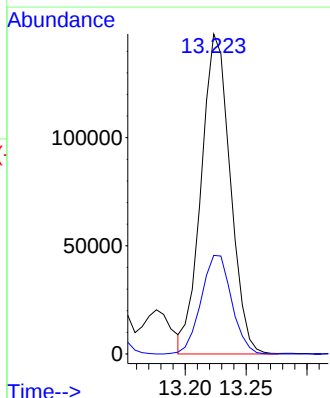
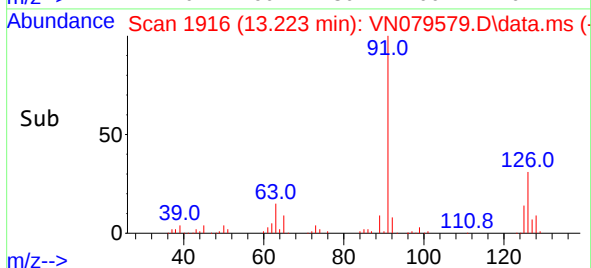
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

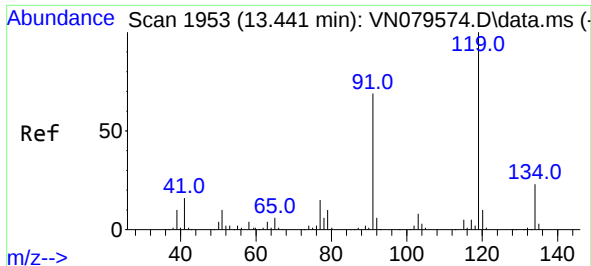


#78
4-Chlorotoluene
Concen: 20.883 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



Tgt Ion: 91 Resp: 245452
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4





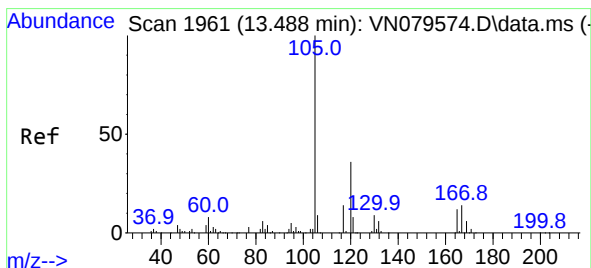
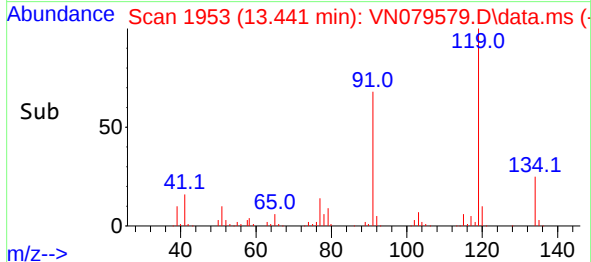
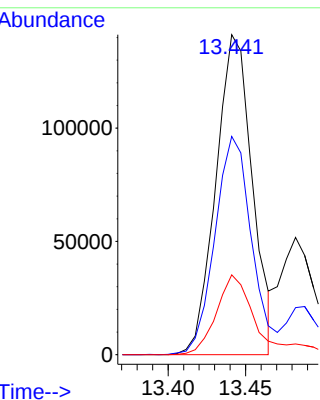
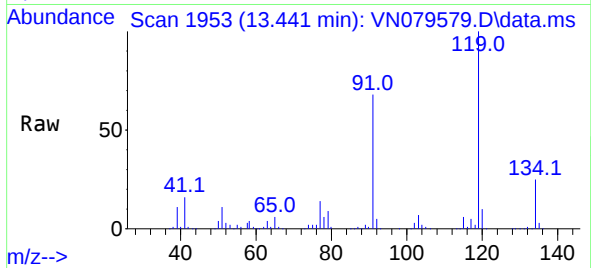
#79
tert-butylbenzene
Concen: 20.463 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion:119 Resp: 231169
Ion Ratio Lower Upper
119 100
91 68.8 0.0 140.6
134 25.0 0.0 49.8

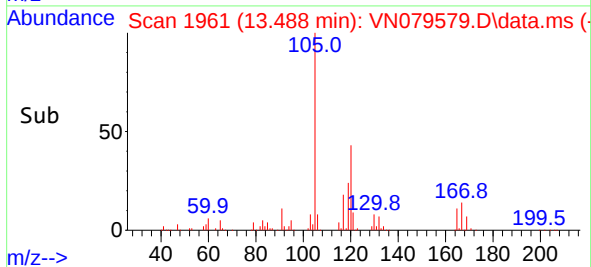
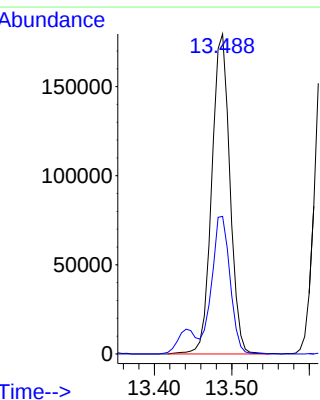
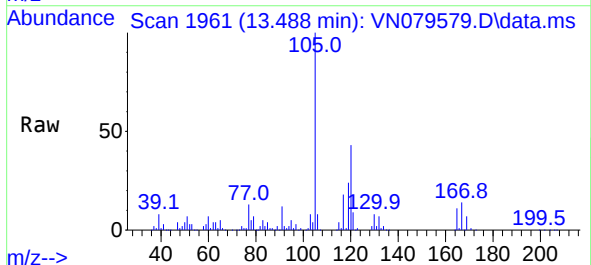
Manual Integrations
APPROVED

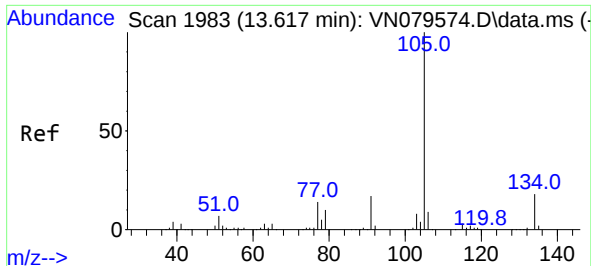
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.405 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Tgt Ion:105 Resp: 291421
Ion Ratio Lower Upper
105 100
120 43.2 0.0 88.6





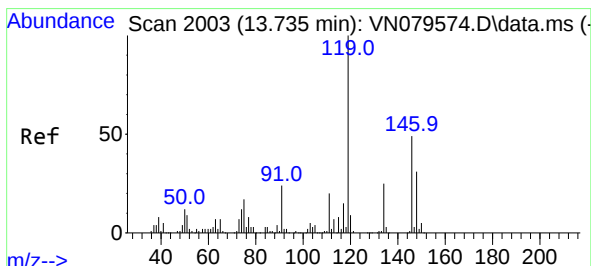
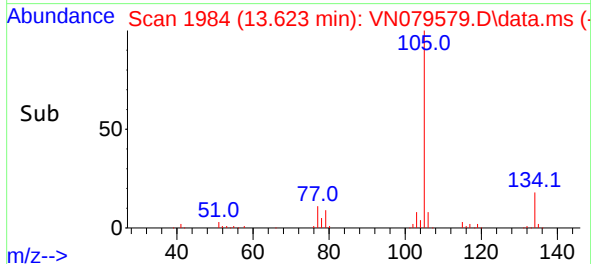
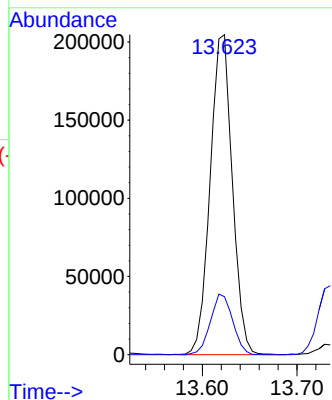
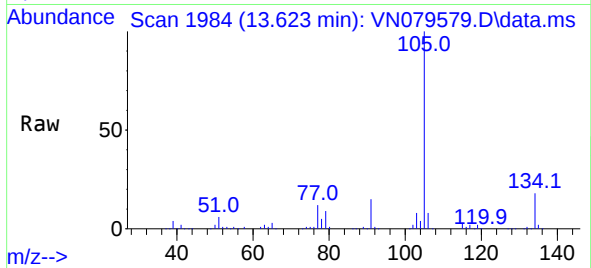
#81
 sec-Butylbenzene
 Concen: 21.021 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN079579.D
 Acq: 17 Oct 2023 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

Tgt Ion:105 Resp: 333384
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.2

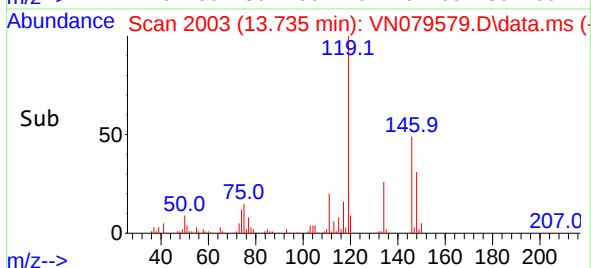
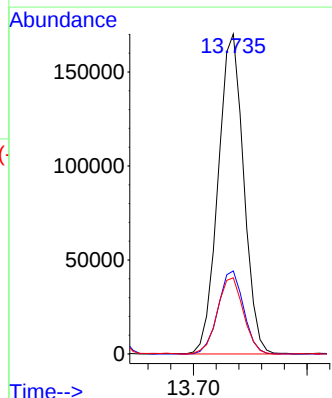
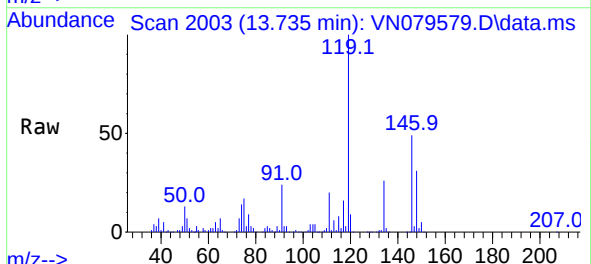
Manual Integrations
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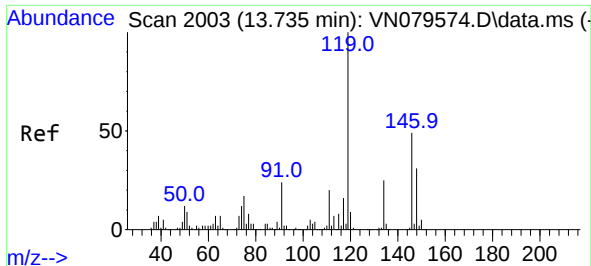
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#82
 p-Isopropyltoluene
 Concen: 21.170 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079579.D
 Acq: 17 Oct 2023 14:01

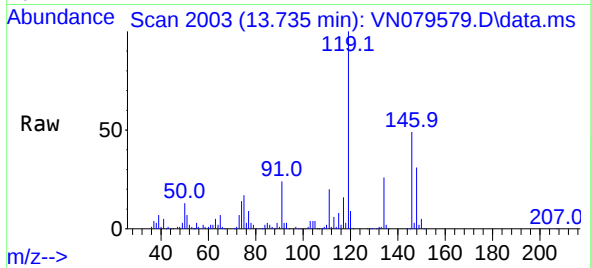
Tgt Ion:119 Resp: 266323
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.2
 91 24.3 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 21.260 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

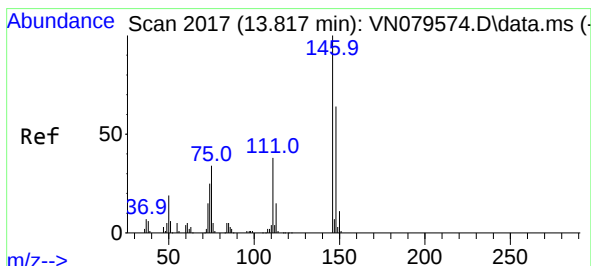
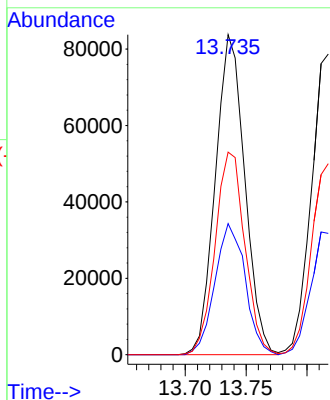
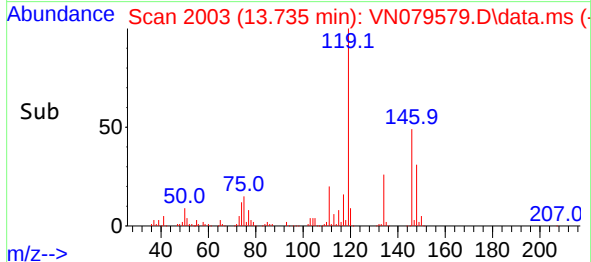
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



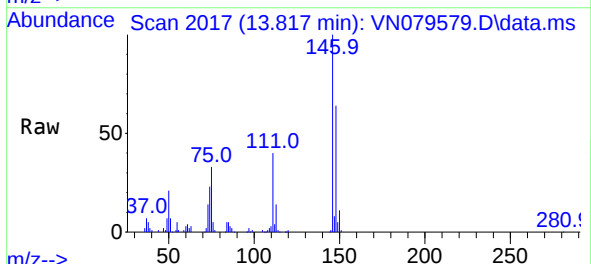
Tgt Ion:146 Resp: 141150
Ion Ratio Lower Upper
146 100
111 42.1 21.0 63.0
148 64.0 32.4 97.0

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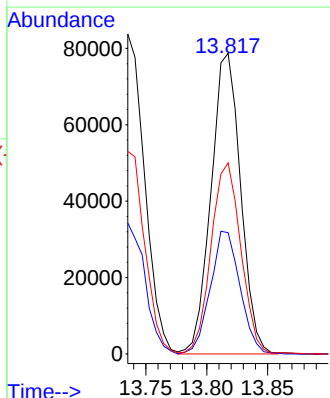
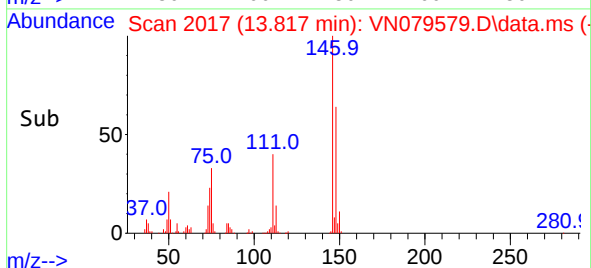
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

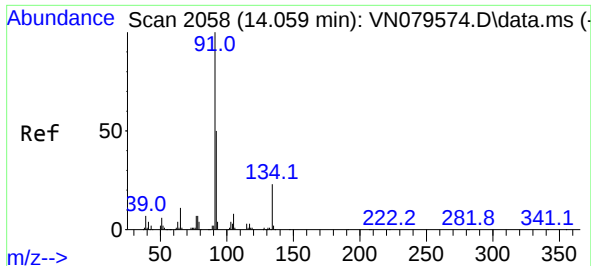


#84
1,4-Dichlorobenzene
Concen: 20.938 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



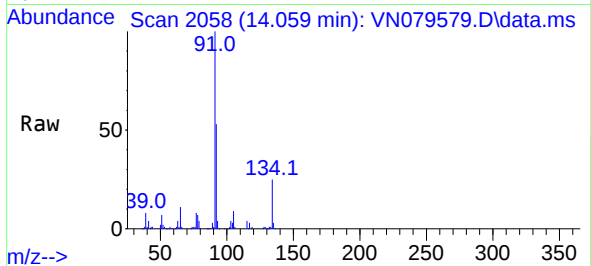
Tgt Ion:146 Resp: 133273
Ion Ratio Lower Upper
146 100
111 40.9 19.9 59.7
148 63.8 32.6 97.7





#85
n-Butylbenzene
Concen: 20.784 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

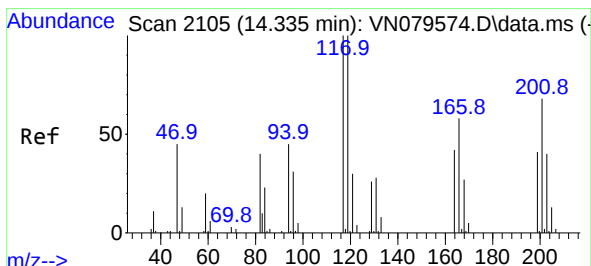
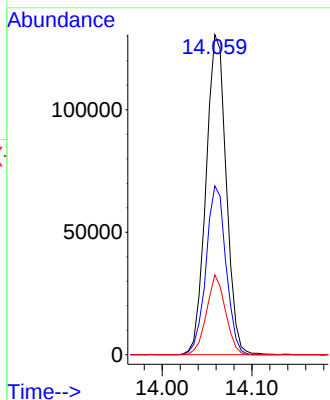
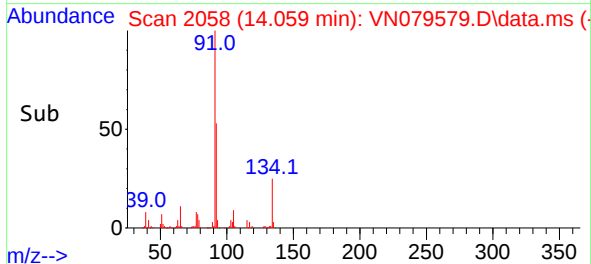
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 91 Resp: 204290
Ion Ratio Lower Upper
91 100
92 52.2 0.0 99.6
134 23.3 0.0 46.2

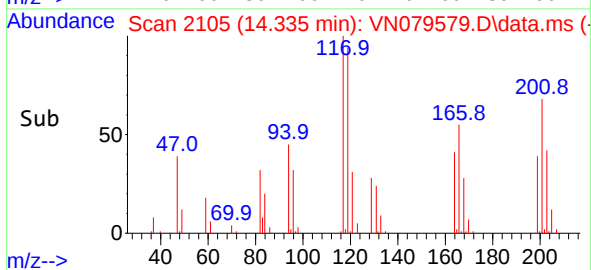
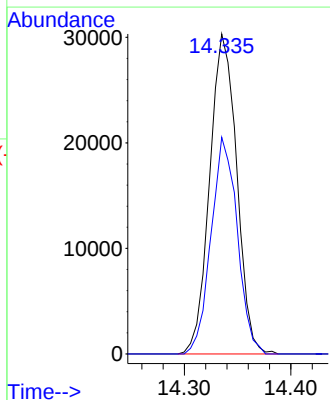
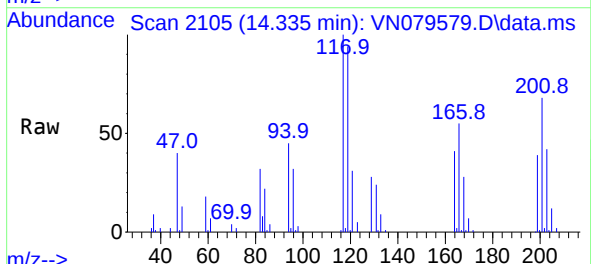
Manual Integrations
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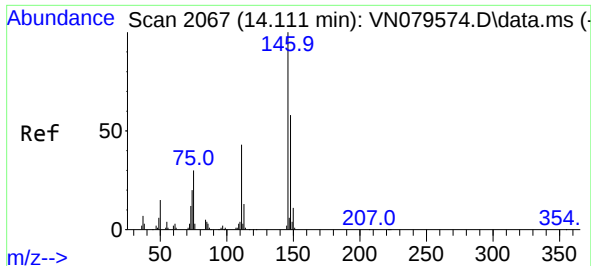
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#86
Hexachloroethane
Concen: 19.653 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Tgt Ion:117 Resp: 53449
Ion Ratio Lower Upper
117 100
201 65.6 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 20.364 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079579.D

Acq: 17 Oct 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion:146 Resp: 134389

Ion Ratio Lower Upper

146 100

111 42.3 22.0 66.0

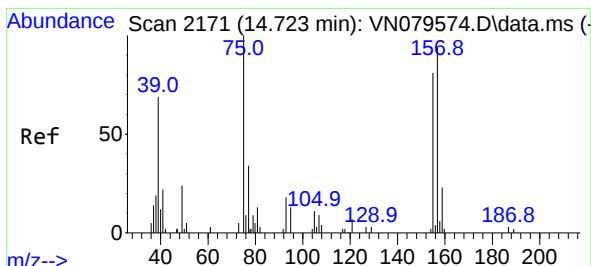
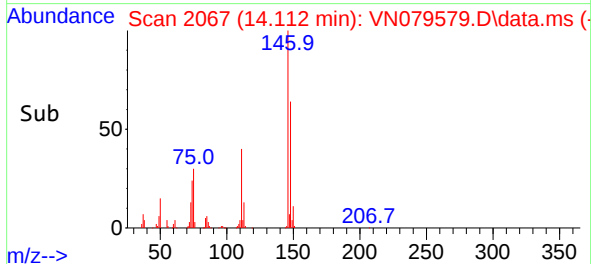
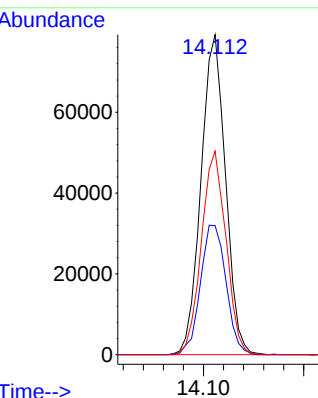
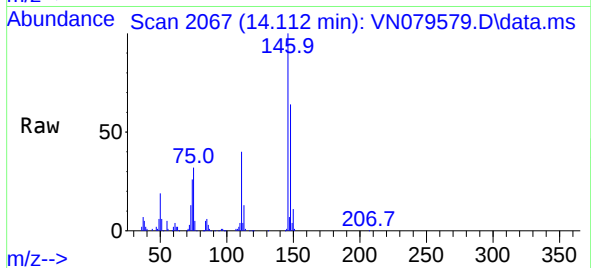
148 64.0 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.554 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079579.D

Acq: 17 Oct 2023 14:01

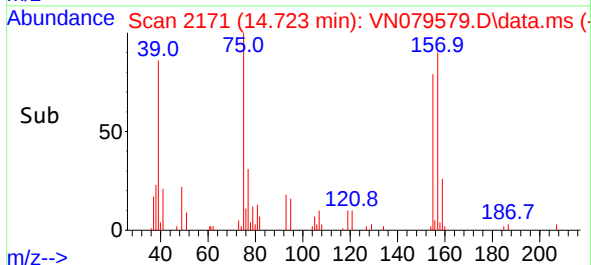
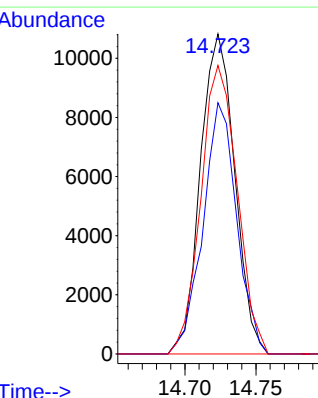
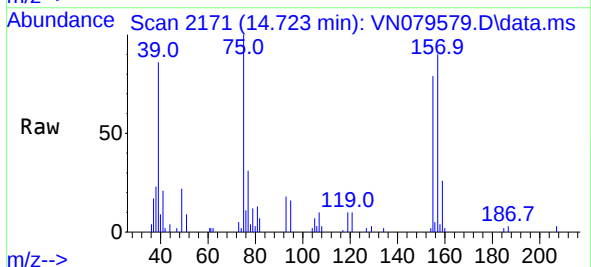
Tgt Ion: 75 Resp: 18209

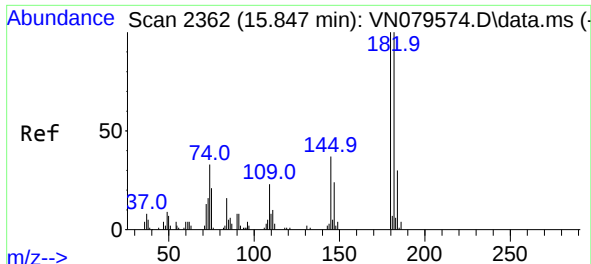
Ion Ratio Lower Upper

75 100

155 77.1 60.7 91.1

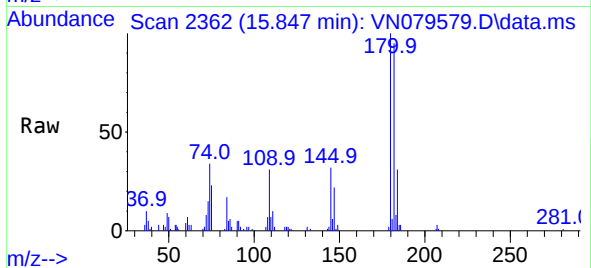
157 95.5 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 19.163 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

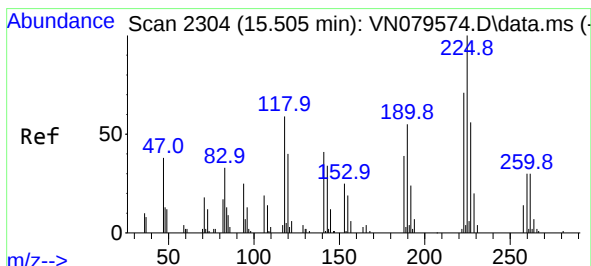
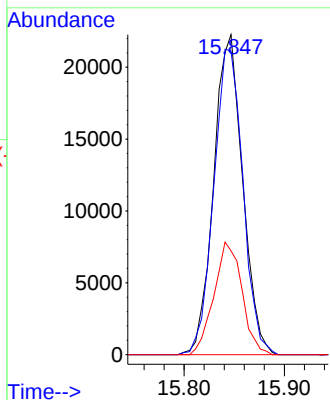
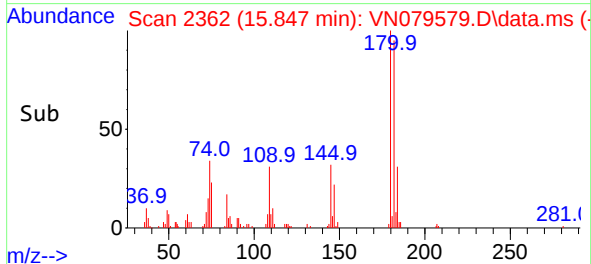
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



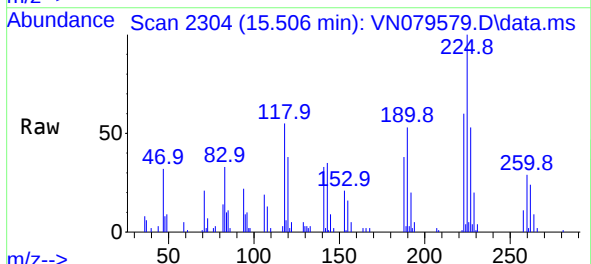
Tgt Ion:180 Resp: 4457
Ion Ratio Lower Upper
180 100
182 96.6 74.2 111.4
145 34.1 25.4 38.2

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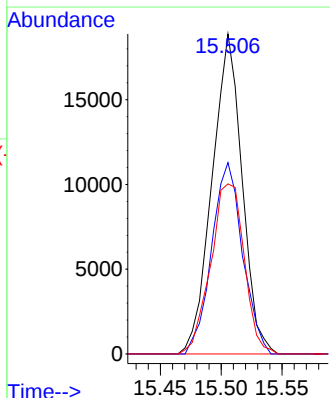
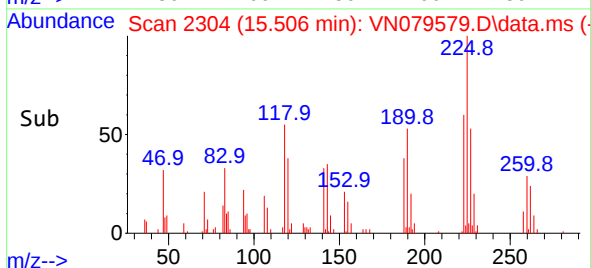
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

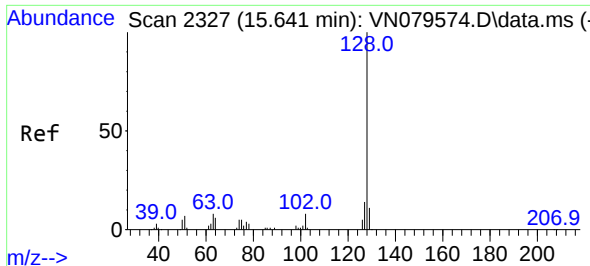


#90
Hexachlorobutadiene
Concen: 19.649 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01



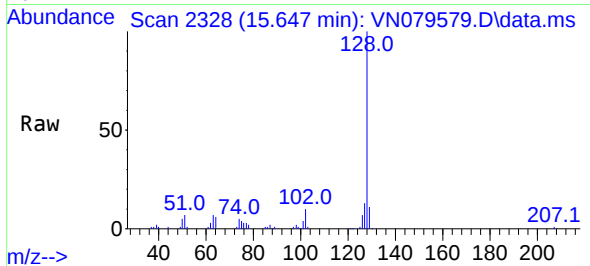
Tgt Ion:225 Resp: 32374
Ion Ratio Lower Upper
225 100
223 61.7 0.0 126.0
227 59.5 0.0 127.0





#91
Naphthalene
Concen: 17.536 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

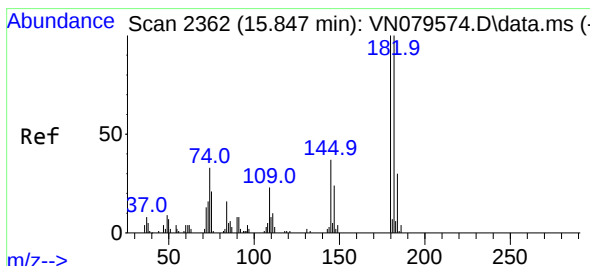
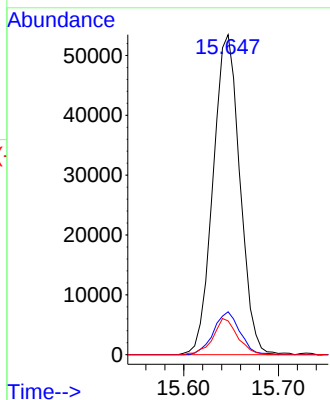
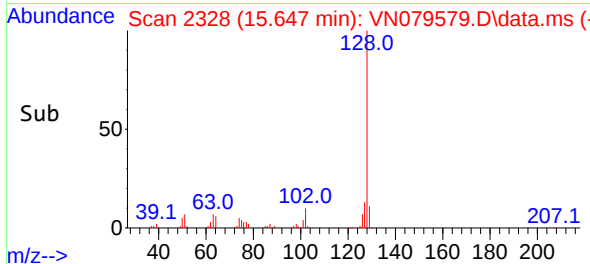
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion:128 Resp: 105218
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 10.3 8.6 12.8

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.163 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079579.D
Acq: 17 Oct 2023 14:01

Tgt Ion:180 Resp: 44573
Ion Ratio Lower Upper
180 100
182 96.6 0.0 185.6
145 34.1 0.0 63.6

