

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079674.D
 Acq On : 25 Oct 2023 11:41
 Operator : JC\MD
 Sample : VN1025WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 26 01:34:27 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	19828	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	143397	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	175600	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	84323	29.911	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.700%		
60) 4-Bromofluorobenzene	12.853	95	98489	30.670	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.233%		
63) Toluene-d8	10.570	98	229153	30.454	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	54354	18.903	ug/l	97
3) Chloromethane	2.365	50	72682	19.502	ug/l	100
4) Vinyl Chloride	2.518	62	79090	19.663	ug/l	95
5) Bromomethane	2.959	94	46003	18.446	ug/l	97
6) Chloroethane	3.124	64	52684	18.610	ug/l	93
7) Trichlorofluoromethane	3.506	101	96087	19.577	ug/l	98
8) Diethyl Ether	3.965	74	34512	19.402	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	54209	19.305	ug/l	96
10) 1,1-Dichloroethene	4.353	96	50366	18.852	ug/l	81
11) Methyl Iodide	4.588	142	58692	19.842	ug/l	93
12) Methyl Acetate	5.030	43	126302	19.610	ug/l	97
13) Acrolein	4.183	56	48192	90.518	ug/l	99
14) Acrylonitrile	5.724	53	148612	96.353	ug/l	97
15) Acetone	4.430	58	46935	96.062	ug/l	89
16) Carbon Disulfide	4.718	76	143076	17.563	ug/l	96
17) Allyl chloride	5.024	41	76640	18.606	ug/l	97
18) Methylene Chloride	5.283	84	65917	20.045	ug/l	97
19) trans-1,2-Dichloroethene	5.788	96	58398	19.539	ug/l	91
20) Diisopropyl ether	6.671	45	194934	19.958	ug/l	98
21) 1,1-Dichloroethane	6.571	63	117919	19.868	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	67415	19.583	ug/l	98
23) tert-Butyl Alcohol	5.530	59	43141	83.646	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	174607	19.478	ug/l	98
25) Chloroform	7.971	83	121447	20.251	ug/l	97
26) Cyclohexane	8.259	56	80888	18.029	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	83627	19.956	ug/l	99
30) 2-Butanone	7.482	43	208539	99.278	ug/l	99
31) 2,2-Dichloropropane	7.494	77	92455	19.568	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	100192	20.116	ug/l	98
33) Carbon Tetrachloride	8.365	117	86098	20.325	ug/l	99
34) Benzene	8.612	78	258525	20.305	ug/l	98
35) Methacrylonitrile	7.782	41	40973	18.543	ug/l	97
36) 1,2-Dichloroethane	8.671	62	98251	21.613	ug/l	99
37) Trichloroethene	9.359	130	59640	20.040	ug/l	98
38) Methylcyclohexane	9.606	83	83546	20.707	ug/l	97
39) 1,2-Dichloropropane	9.629	63	80650	24.003	ug/l	99
40) Dibromomethane	9.718	93	52587	23.849	ug/l	97
41) Bromodichloromethane	9.888	83	113831	24.910	ug/l	97
42) Vinyl Acetate	6.606	43	516060	96.848	ug/l	98

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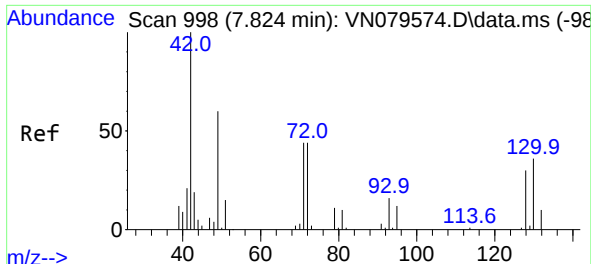
Manual Integrations
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Quant Time: Oct 26 01:34:27 2023
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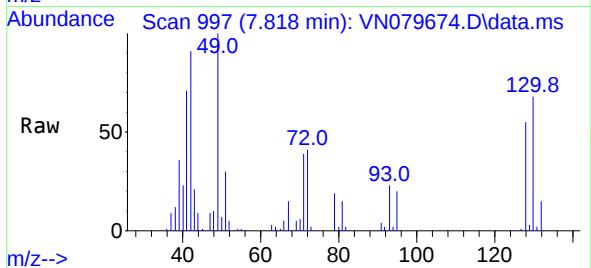
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	80517	20.385	ug/l	96
44) Isopropyl Acetate	8.694	43	132498	18.870	ug/l	97
45) 1,4-Dioxane	9.706	88	24401	443.958	ug/l	94
46) Methyl methacrylate	9.682	41	71494	22.951	ug/l	92
47) n-amyl Acetate	12.500	43	97823	19.304	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	92250	19.969	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	115837	22.931	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	62996	20.594	ug/l	94
51) Ethyl methacrylate	10.876	69	82647	19.583	ug/l	96
52) 1,3-Dichloropropane	11.165	76	112286	20.720	ug/l	98
53) Dibromochloromethane	11.359	129	66865	21.388	ug/l	99
54) 1,2-Dibromoethane	11.476	107	62525	20.718	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	192030	119.257	ug/l	98
56) Bromoform	12.582	173	42788	20.688	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	414610	101.228	ug/l	100
59) 2-Hexanone	11.200	43	297475	99.000	ug/l	100
61) Tetrachloroethene	11.106	164	50868	21.098	ug/l	94
62) Toluene	10.635	91	276823	20.627	ug/l	99
64) Chlorobenzene	11.894	112	159798	20.530	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.964	131	63695	21.482	ug/l	94
66) Ethyl Benzene	11.964	91	275107	19.896	ug/l	98
67) m/p-Xylenes	12.076	106	213104	41.668	ug/l	94
68) o-Xylene	12.400	106	99578	20.367	ug/l	99
69) Styrene	12.417	104	161095	20.755	ug/l	97
70) Isopropylbenzene	12.700	105	253742	20.223	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	94138	21.100	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	81195m	20.041	ug/l	
73) Bromobenzene	12.982	156	60390	20.488	ug/l	99
74) n-propylbenzene	13.041	91	300221	20.552	ug/l	99
75) 2-Chlorotoluene	13.129	91	188879	20.799	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	211320	20.602	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	24673	19.953	ug/l	94
78) 4-Chlorotoluene	13.223	91	177737	20.714	ug/l	100
79) tert-butylbenzene	13.441	119	164741	19.976	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	208851	21.014	ug/l	99
81) sec-Butylbenzene	13.623	105	234741	20.276	ug/l	100
82) p-Isopropyltoluene	13.735	119	185979	20.251	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	102614	21.172	ug/l	100
84) 1,4-Dichlorobenzene	13.817	146	95741	20.605	ug/l	99
85) n-Butylbenzene	14.058	91	136752	19.059	ug/l	99
86) Hexachloroethane	14.335	117	38026	19.153	ug/l	97
87) 1,2-Dichlorobenzene	14.111	146	100353	20.831	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13577	19.972	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	28968	17.060	ug/l	98
90) Hexachlorobutadiene	15.505	225	23607	19.627	ug/l	99
91) Naphthalene	15.647	128	62943	14.370	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	28968	17.060	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

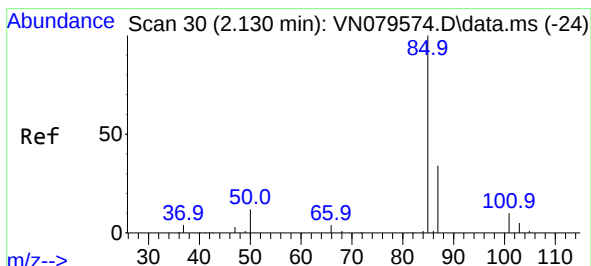
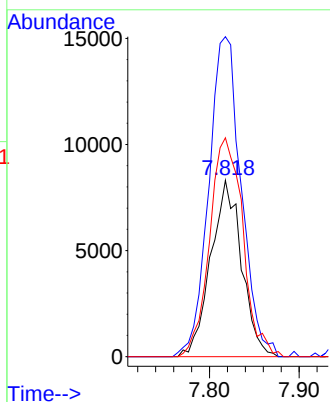
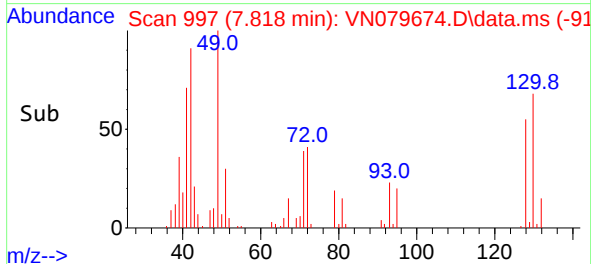
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



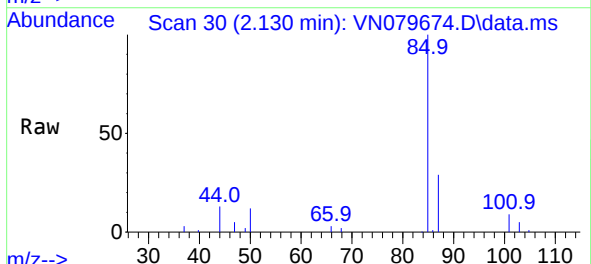
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Ion Ratio Lower Upper
128 100
49 189.8 0.0 468.5
130 133.8 0.0 320.7

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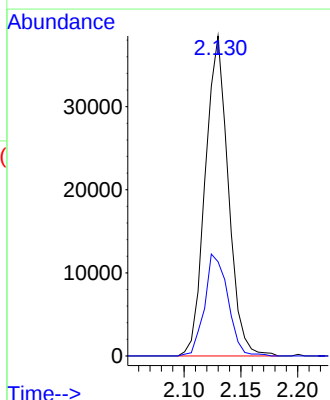
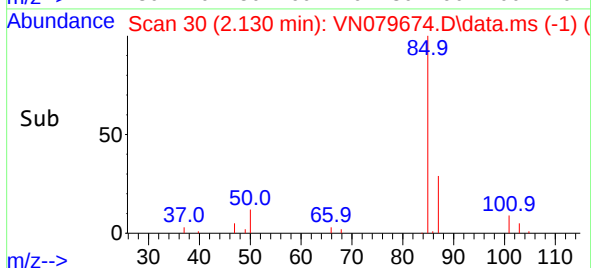
Reviewed By :John Carlone 10/26/2023
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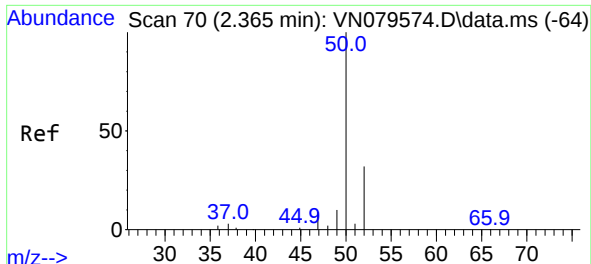


#2
Dichlorodifluoromethane
Concen: 18.903 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



Tgt Ion: 85 Resp: 54354
Ion Ratio Lower Upper
85 100
87 29.4 15.6 46.7





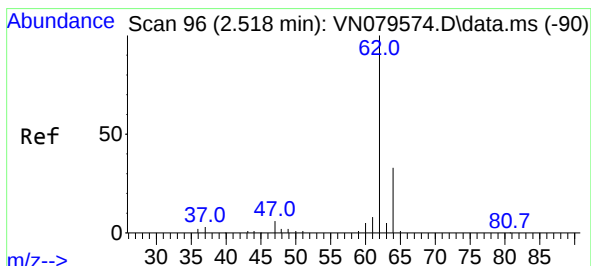
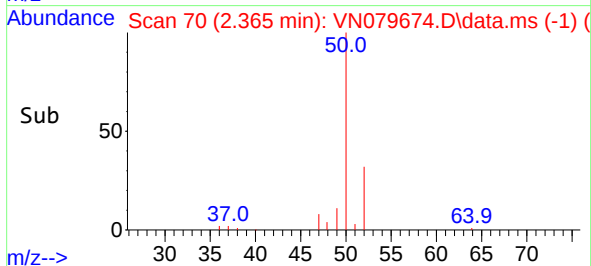
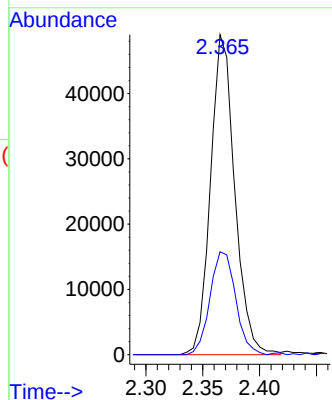
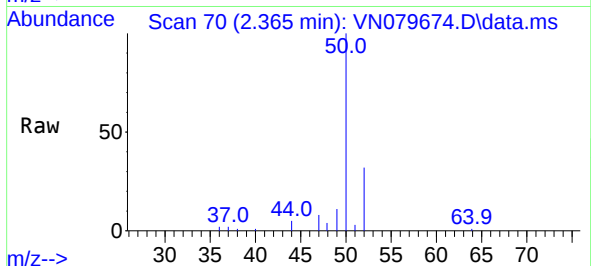
#3
Chloromethane
Concen: 19.502 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
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ClientSampleId :
VN1025WBSD01

Tgt Ion: 50 Resp: 7268
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4

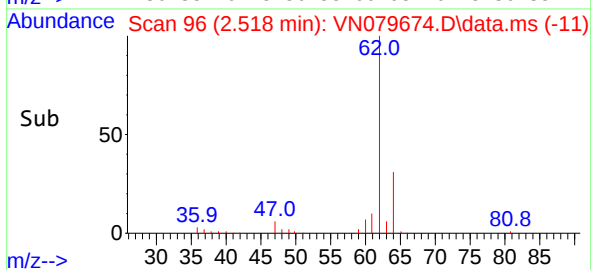
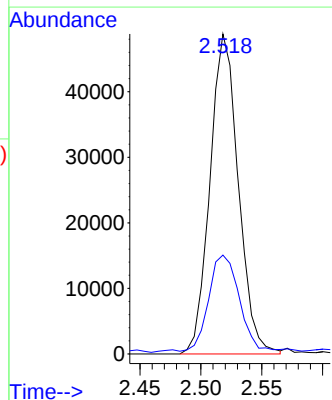
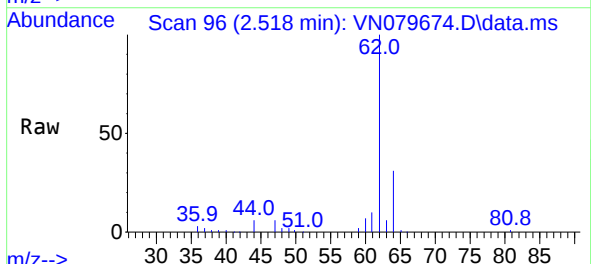
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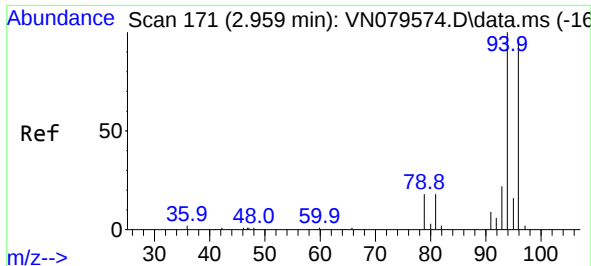
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#4
Vinyl Chloride
Concen: 19.663 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

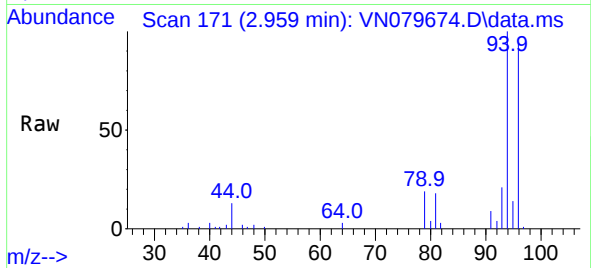
Tgt Ion: 62 Resp: 79090
Ion Ratio Lower Upper
62 100
64 30.1 26.4 39.6





#5
Bromomethane
Concen: 18.446 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

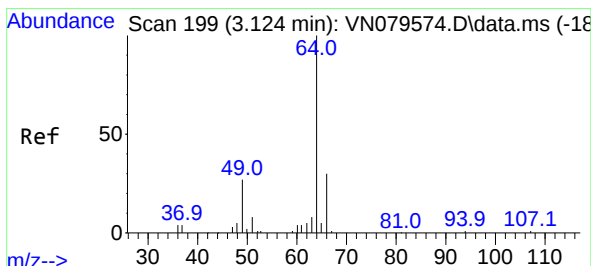
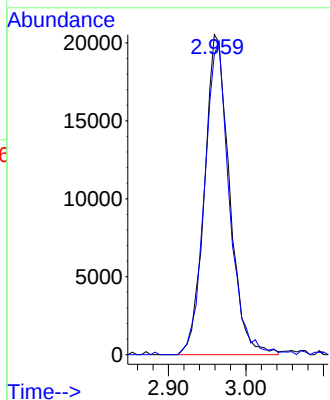
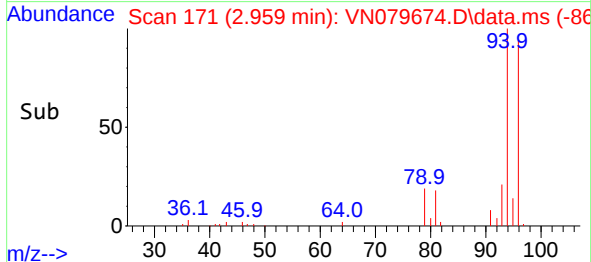
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion: 94 Resp: 4600
Ion Ratio Lower Upper
94 100
96 93.9 77.8 116.6

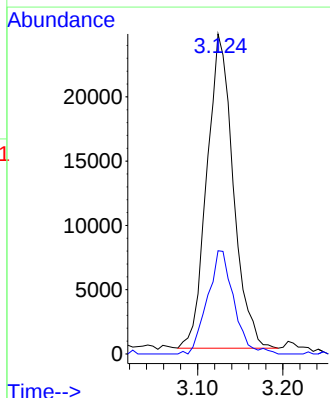
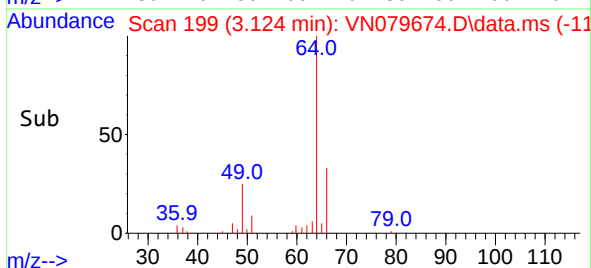
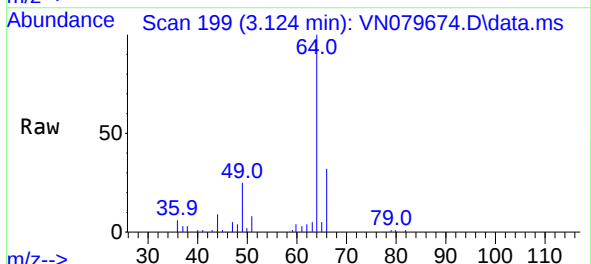
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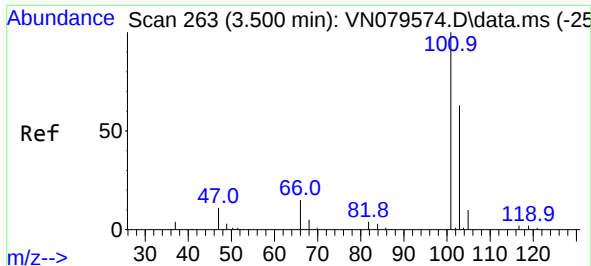
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#6
Chloroethane
Concen: 18.610 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion: 64 Resp: 52684
Ion Ratio Lower Upper
64 100
66 32.8 23.3 34.9





#7
Trichlorofluoromethane
Concen: 19.577 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

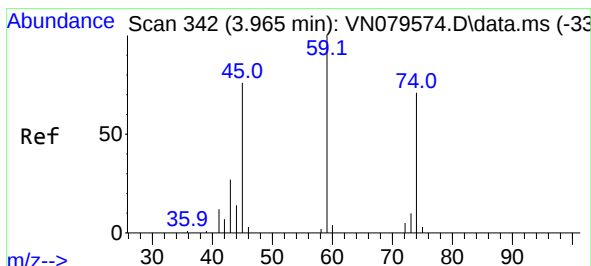
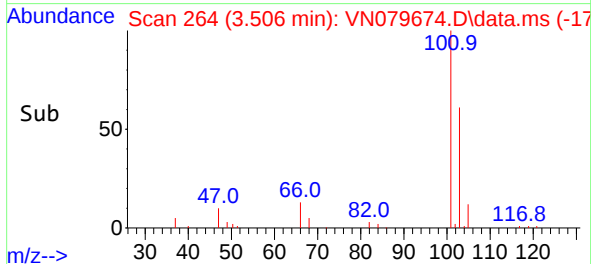
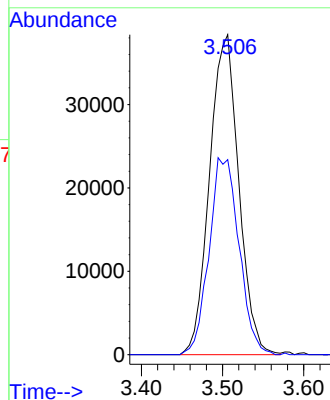
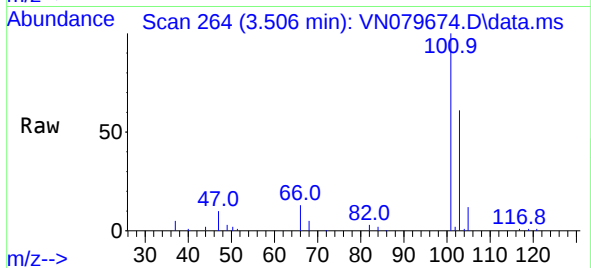
VN1025WBSD01

Tgt Ion:101 Resp: 9608
Ion Ratio Lower Upper
101 100
103 60.9 49.9 74.9

Manual Integrations

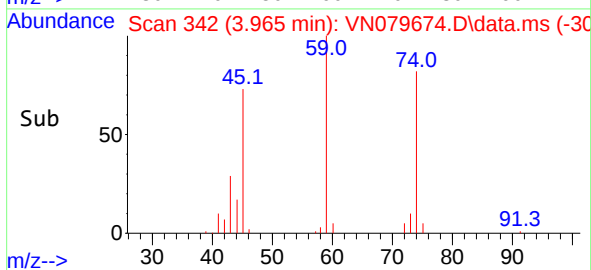
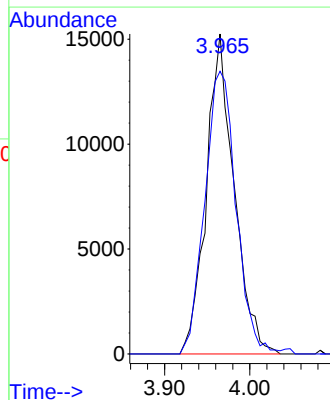
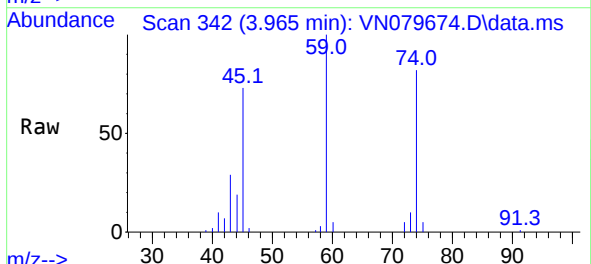
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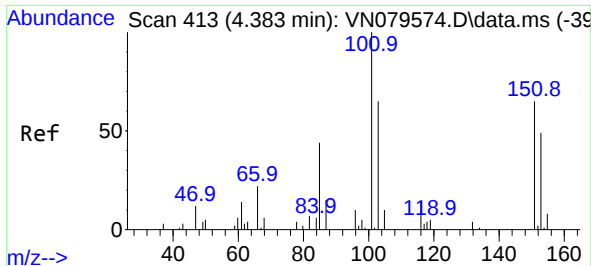
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#8
Diethyl Ether
Concen: 19.402 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion: 74 Resp: 34512
Ion Ratio Lower Upper
74 100
45 99.4 19.0 171.0





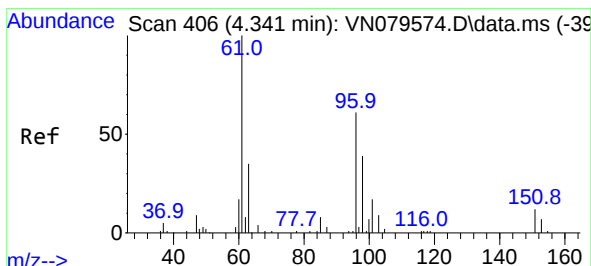
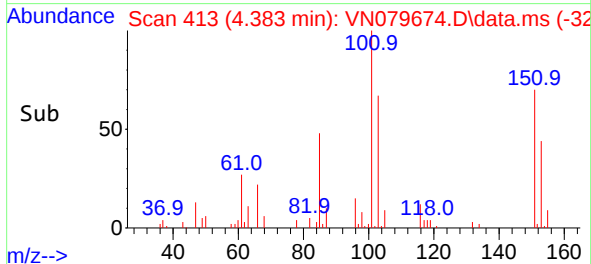
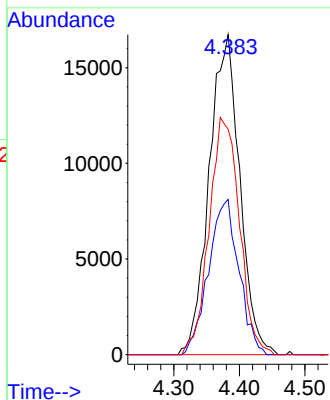
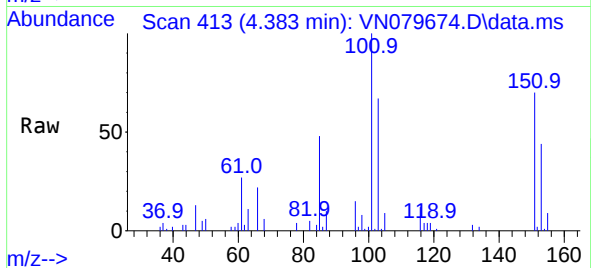
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.305 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion:101 Resp: 54209
Ion Ratio Lower Upper
101 100
85 48.2 0.0 92.0
151 73.3 0.0 138.4

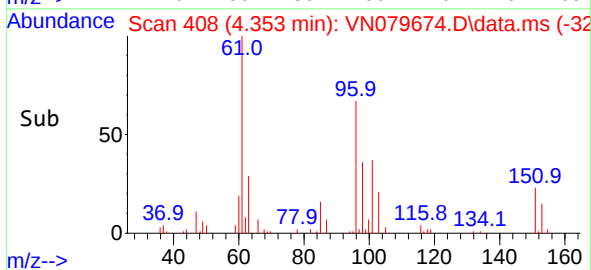
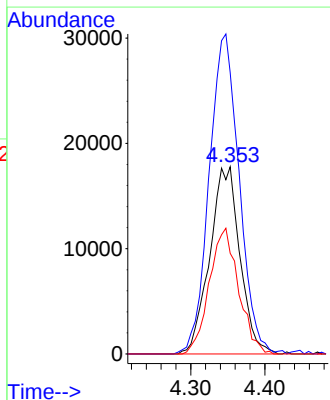
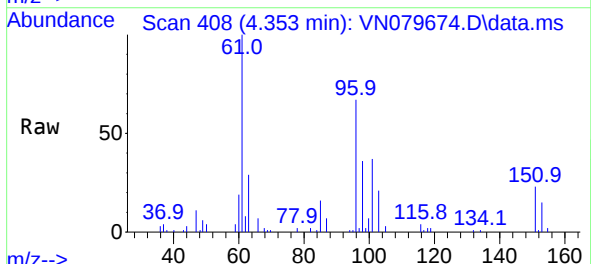
Manual Integrations
APPROVED

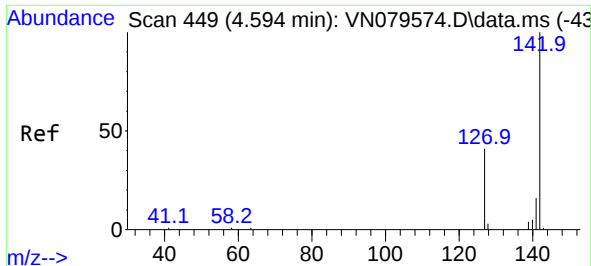
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#10
1,1-Dichloroethene
Concen: 18.852 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion: 96 Resp: 50366
Ion Ratio Lower Upper
96 100
61 149.2 141.3 211.9
98 53.7 53.2 79.8





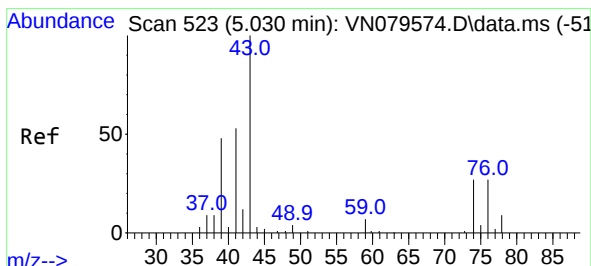
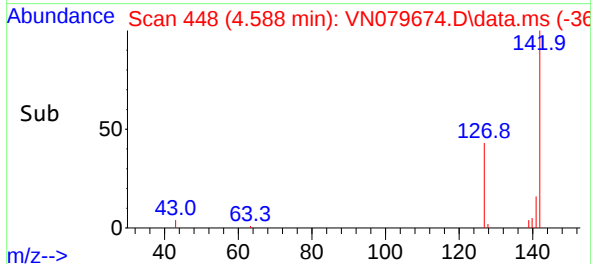
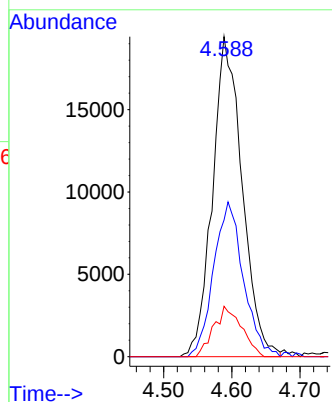
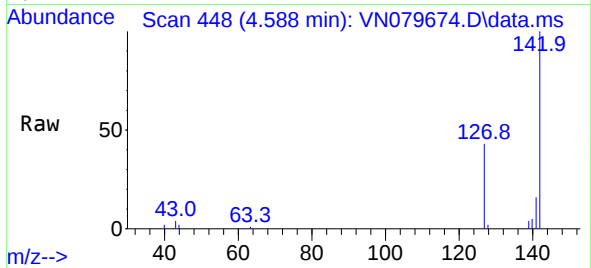
#11
Methyl Iodide
Concen: 19.842 ug/l
RT: 4.588 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion:142 Resp: 58692
Ion Ratio Lower Upper
142 100
127 43.0 24.6 73.8
141 15.8 7.7 23.1

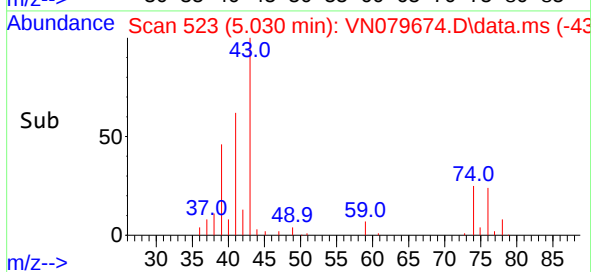
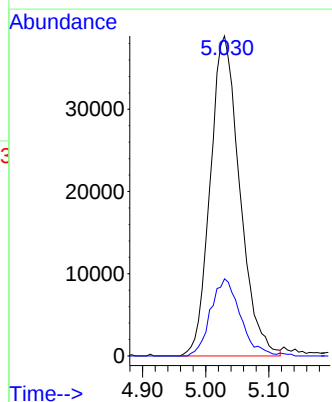
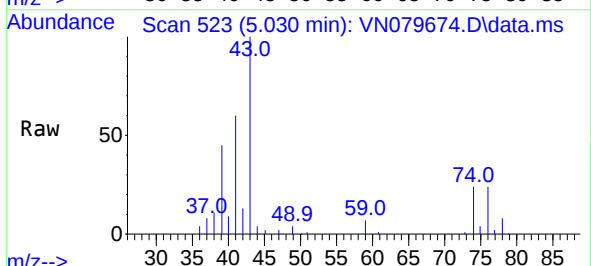
Manual Integrations
APPROVED

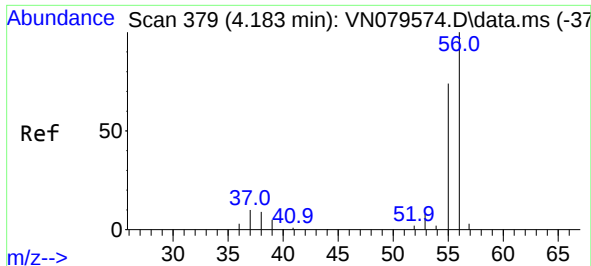
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#12
Methyl Acetate
Concen: 19.610 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

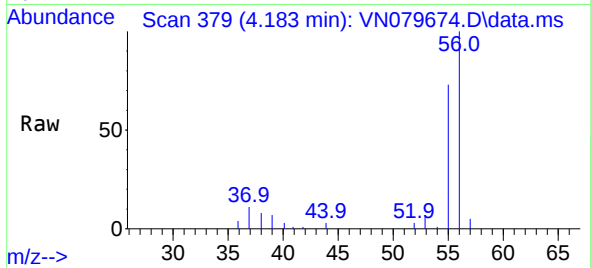
Tgt Ion: 43 Resp: 126302
Ion Ratio Lower Upper
43 100
74 23.9 18.1 27.1





#13
Acrolein
Concen: 90.518 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

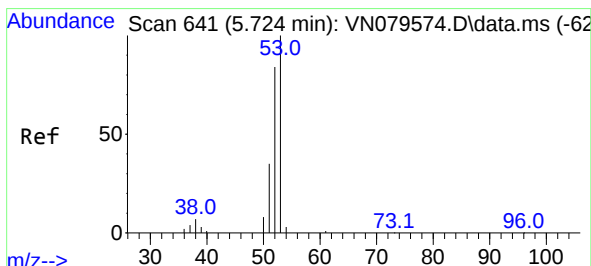
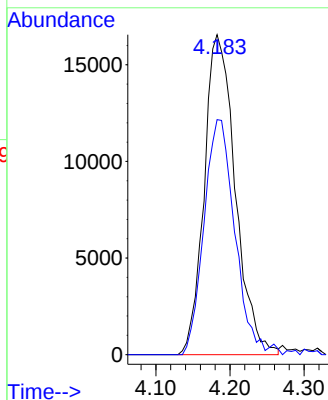
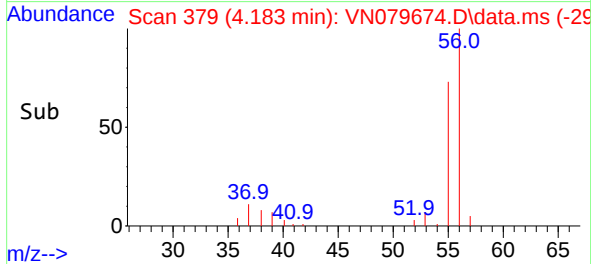
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



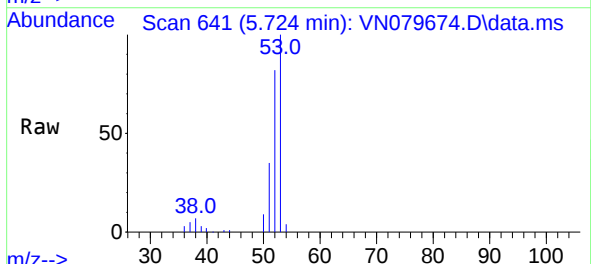
Tgt Ion: 56 Resp: 48192
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7

Manual Integrations
APPROVED

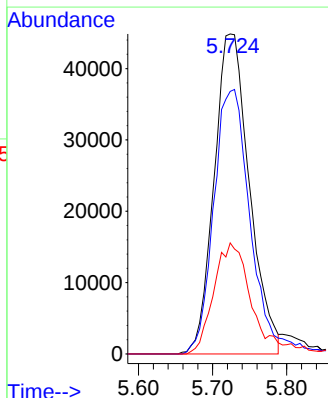
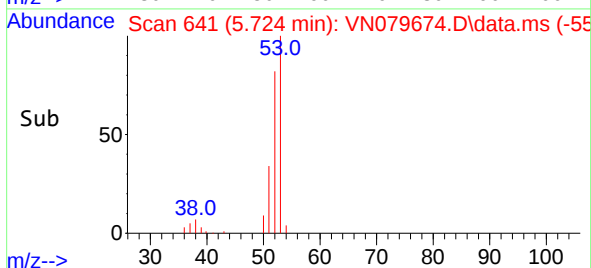
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

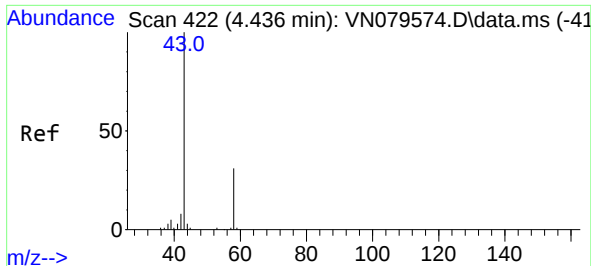


#14
Acrylonitrile
Concen: 96.353 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



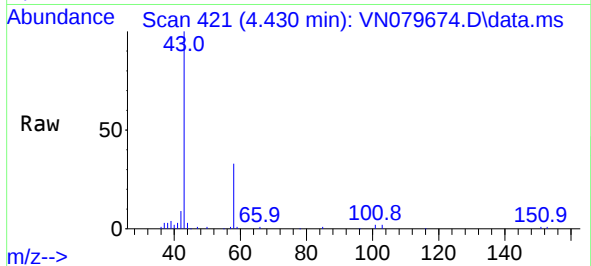
Tgt Ion: 53 Resp: 148612
Ion Ratio Lower Upper
53 100
52 86.2 41.6 124.9
51 34.0 17.8 53.3





#15
Acetone
Concen: 96.062 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

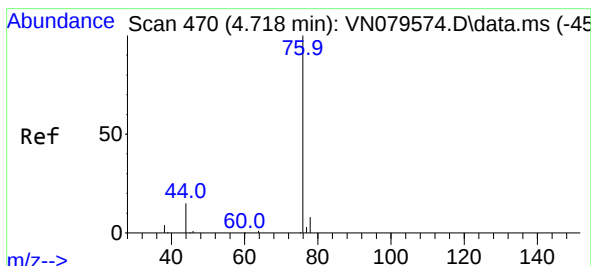
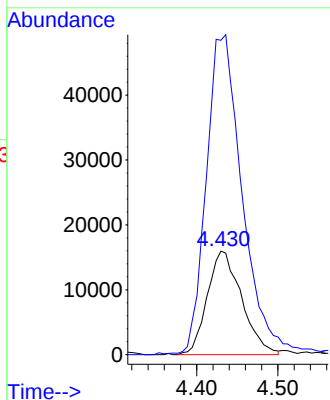
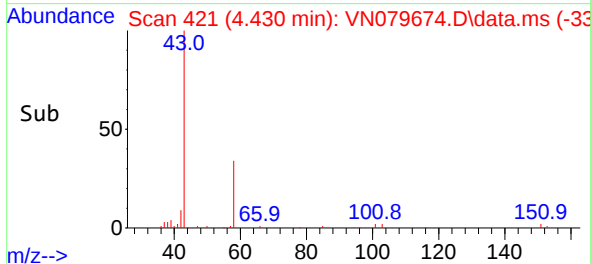
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion: 58 Resp: 4693
Ion Ratio Lower Upper
58 100
43 302.4 225.2 337.8

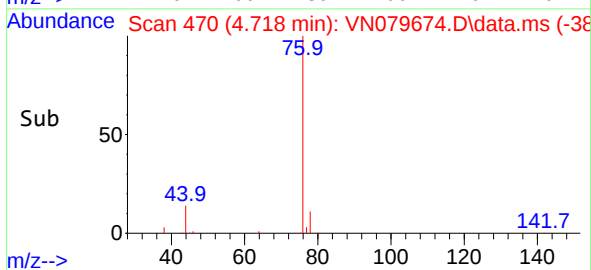
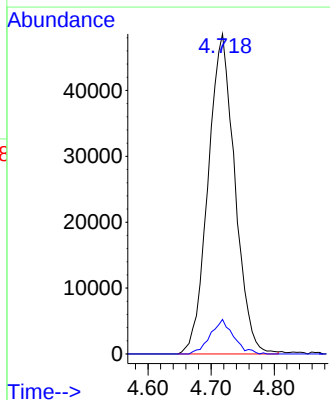
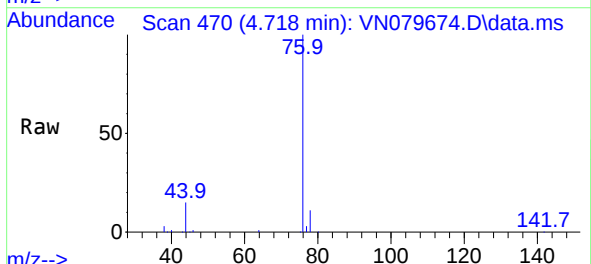
Manual Integrations
APPROVED

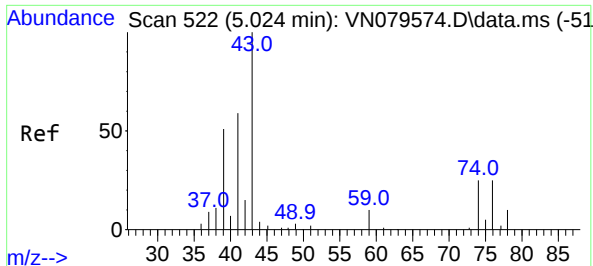
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#16
Carbon Disulfide
Concen: 17.563 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

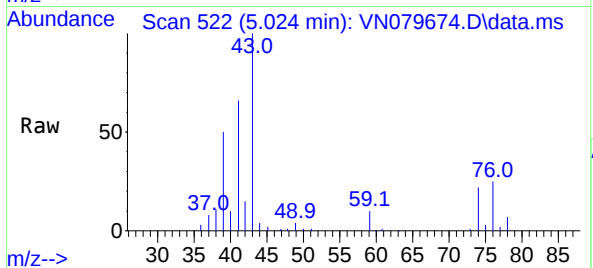
Tgt Ion: 76 Resp: 143076
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3





#17
 Allyl chloride
 Concen: 18.606 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN079674.D
 Acq: 25 Oct 2023 11:41

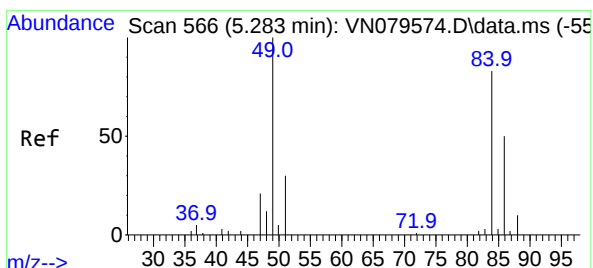
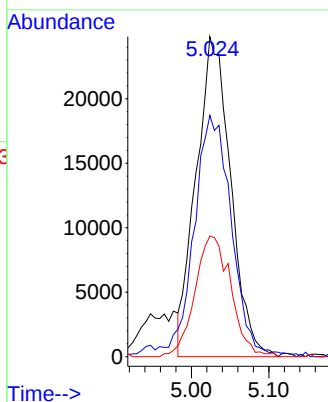
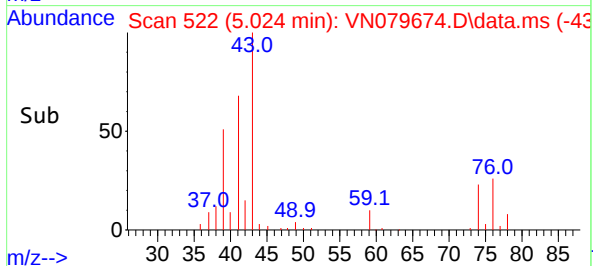
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBSD01



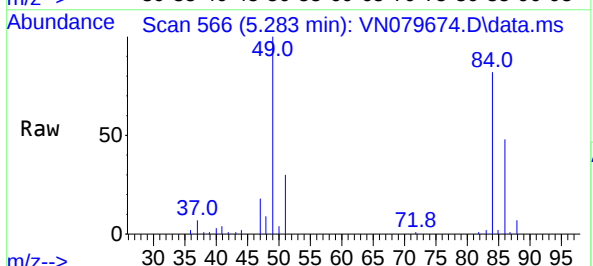
Tgt Ion: 41 Resp: 76640
 Ion Ratio Lower Upper
 41 100
 39 74.0 38.4 115.2
 76 37.7 19.5 58.5

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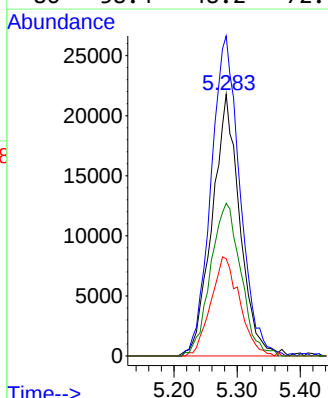
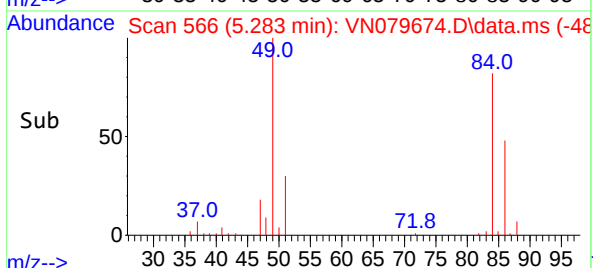
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

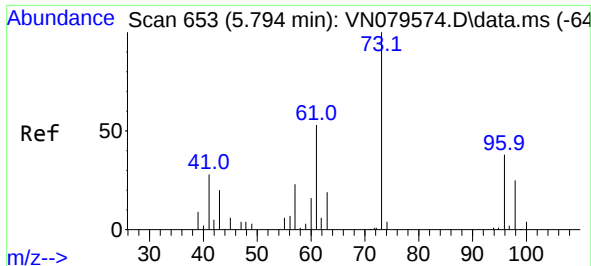


#18
 Methylene Chloride
 Concen: 20.045 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN079674.D
 Acq: 25 Oct 2023 11:41



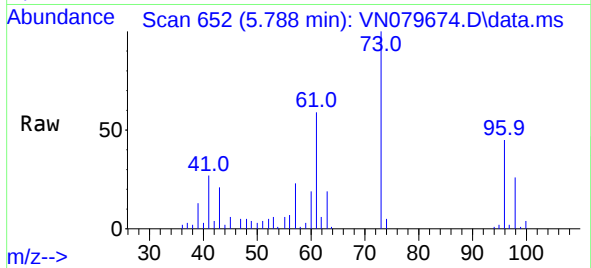
Tgt Ion: 84 Resp: 65917
 Ion Ratio Lower Upper
 84 100
 49 122.3 100.9 151.3
 51 37.2 29.4 44.2
 86 58.4 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 19.539 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

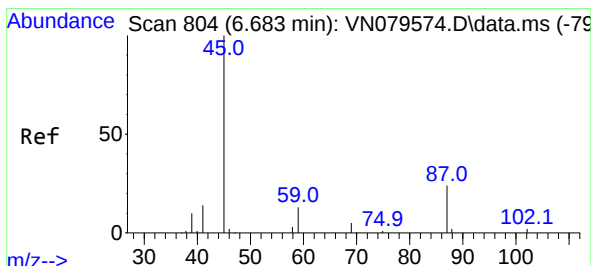
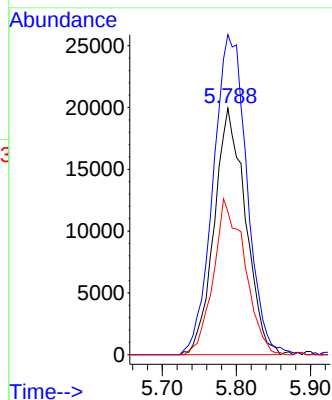
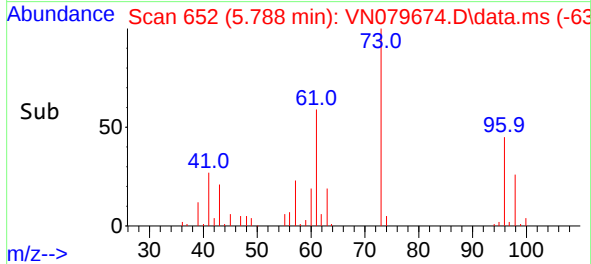
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



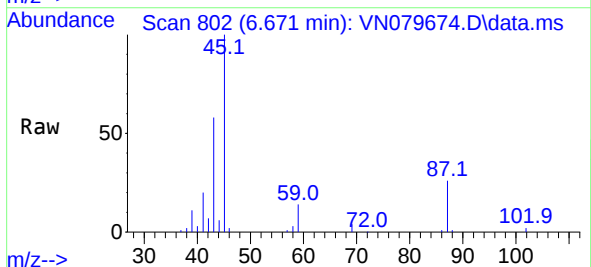
Tgt Ion: 96 Resp: 58398
Ion Ratio Lower Upper
96 100
61 129.9 113.4 170.0
98 58.1 50.4 75.6

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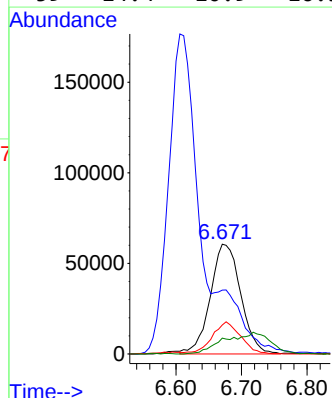
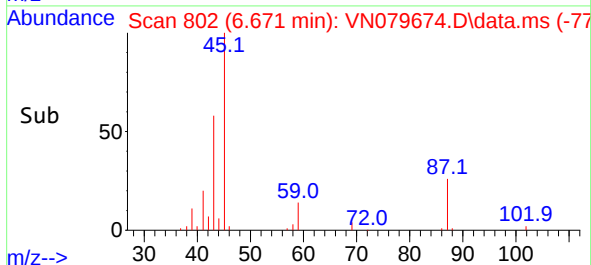
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

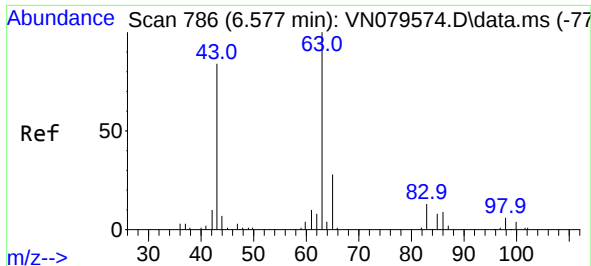


#20
Diisopropyl ether
Concen: 19.958 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.012 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



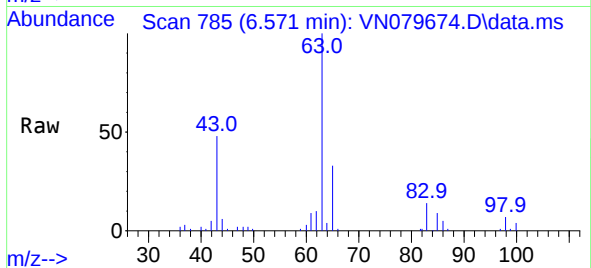
Tgt Ion: 45 Resp: 194934
Ion Ratio Lower Upper
45 100
43 54.4 42.1 63.1
87 26.2 20.5 30.7
59 14.4 10.9 16.3





#21
1,1-Dichloroethane
Concen: 19.868 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

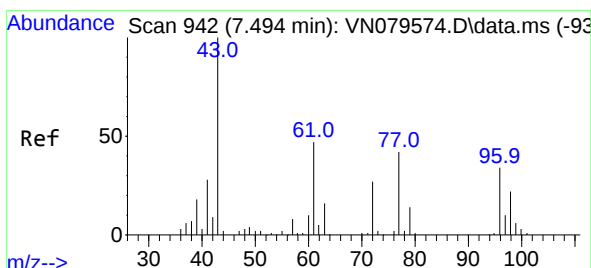
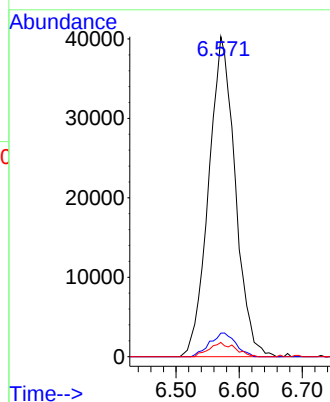
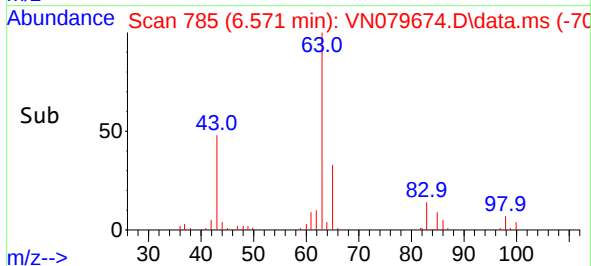
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



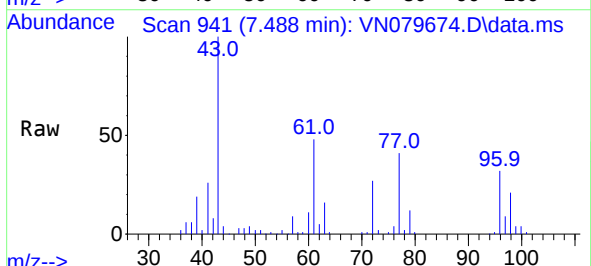
Tgt Ion: 63 Resp: 117919
Ion Ratio Lower Upper
63 100
98 7.3 2.8 8.4
100 4.5 1.9 5.7

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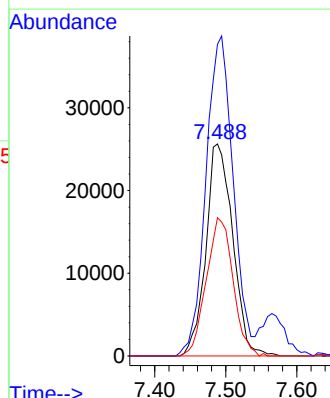
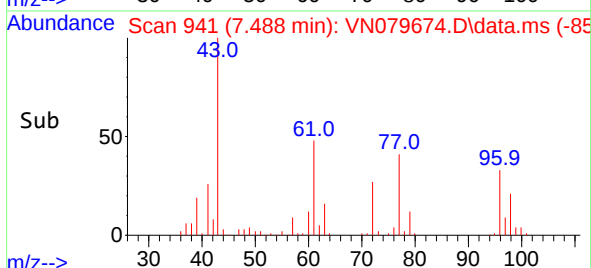
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

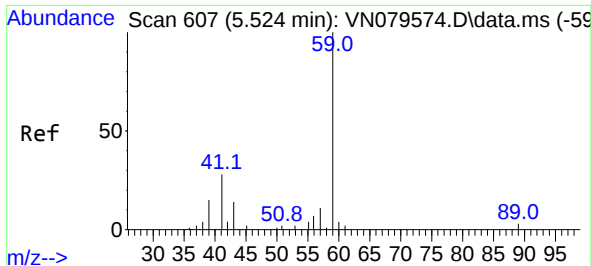


#22
cis-1,2-Dichloroethene
Concen: 19.583 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



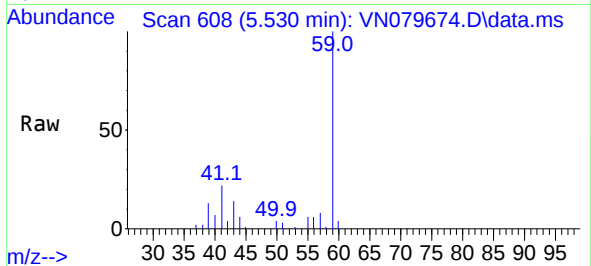
Tgt Ion: 96 Resp: 67415
Ion Ratio Lower Upper
96 100
61 153.4 124.6 186.8
98 64.7 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 83.646 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

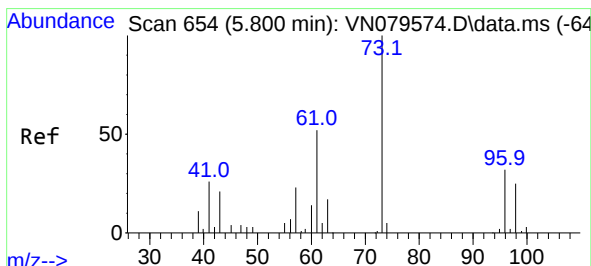
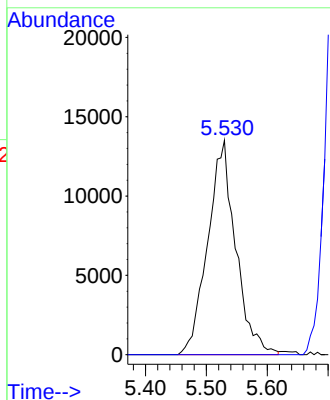
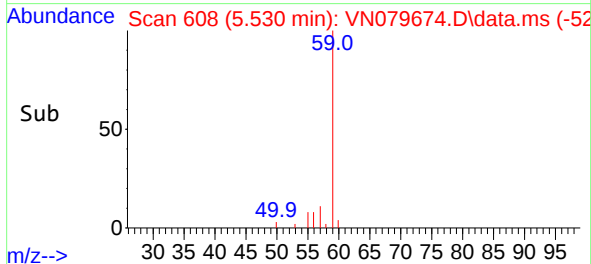
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion: 59 Resp: 4314
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

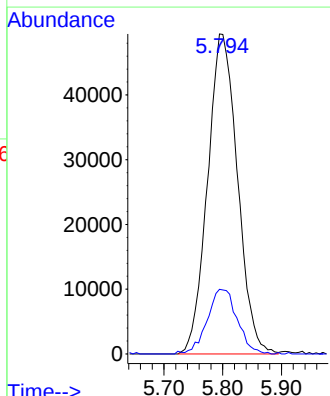
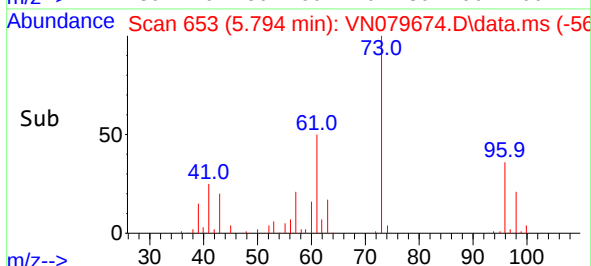
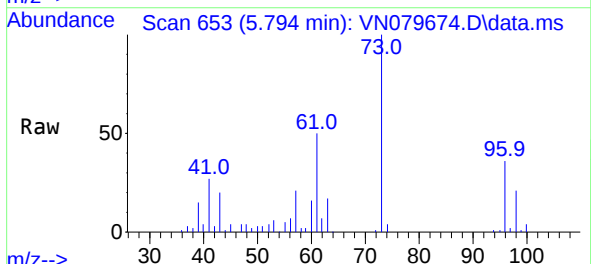
Manual Integrations
APPROVED

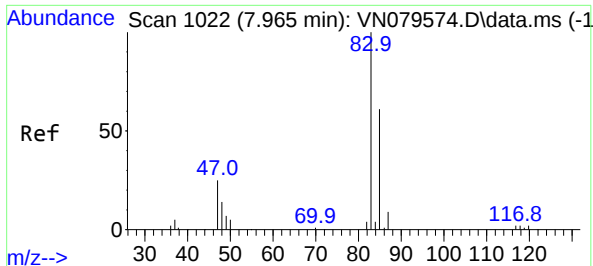
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#24
Methyl tert-Butyl Ether
Concen: 19.478 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion: 73 Resp: 174607
Ion Ratio Lower Upper
73 100
43 19.6 16.6 24.8





#25

Chloroform

Concen: 20.251 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN079674.D

Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1025WBSD01

Tgt Ion: 83 Resp: 12144

Ion Ratio Lower Upper

83 100

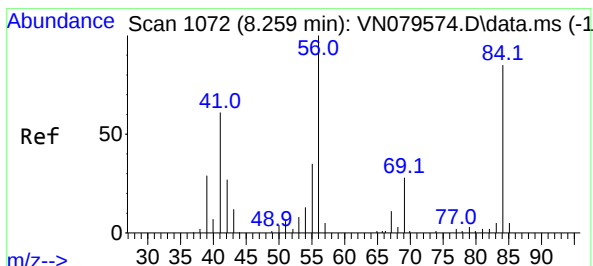
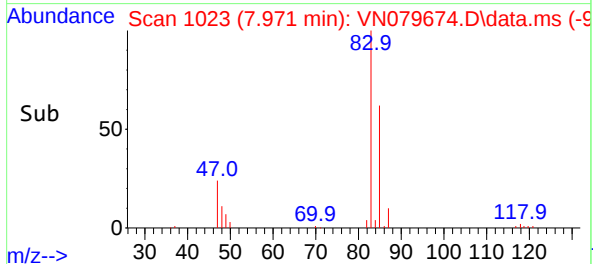
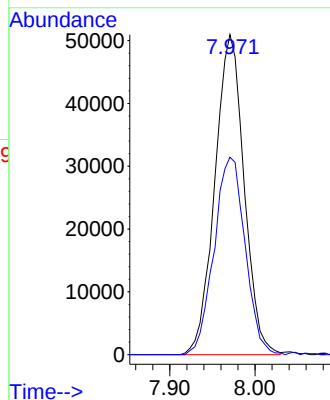
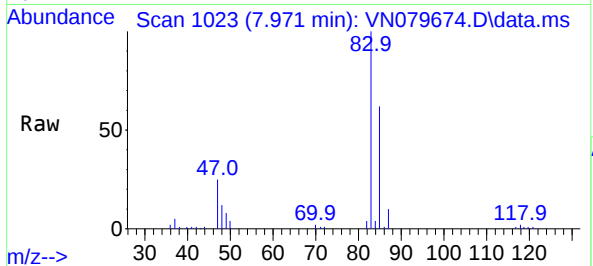
85 61.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#26

Cyclohexane

Concen: 18.029 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN079674.D

Acq: 25 Oct 2023 11:41

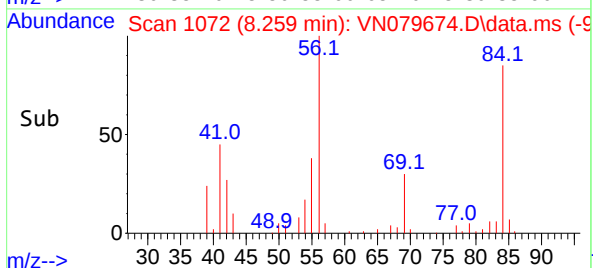
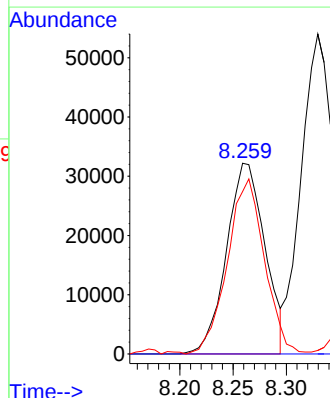
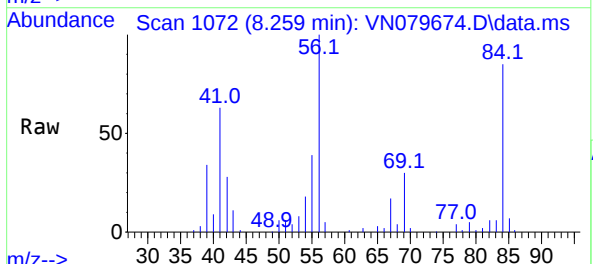
Tgt Ion: 56 Resp: 80888

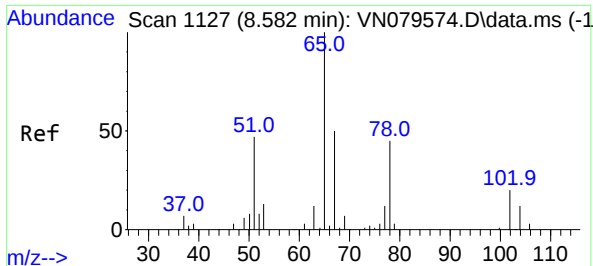
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

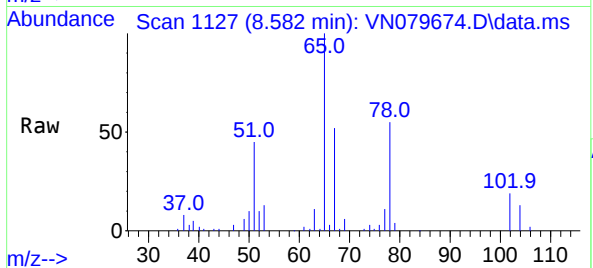
84 88.6 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.911 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

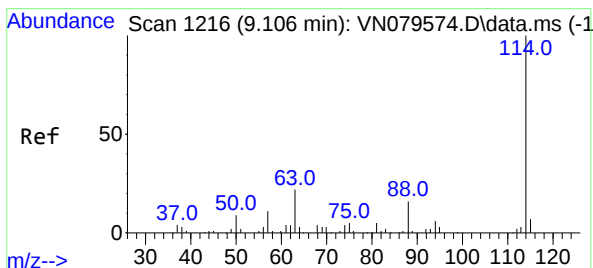
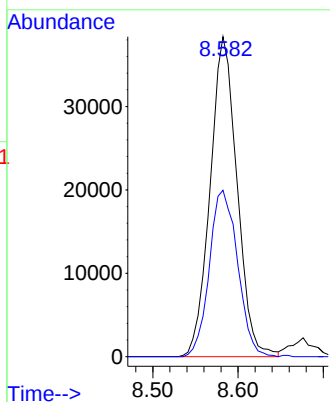
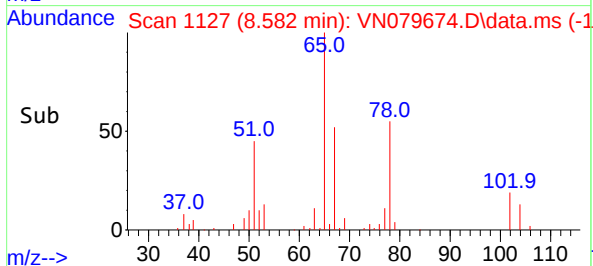
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



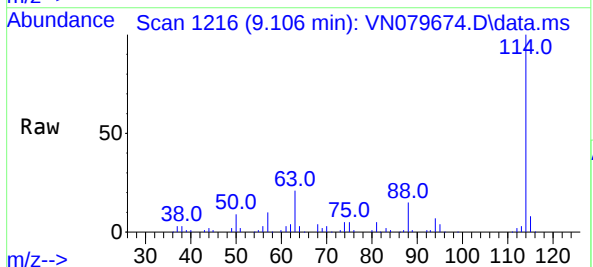
Tgt Ion: 65 Resp: 8432
Ion Ratio Lower Upper
65 100
67 54.4 42.1 63.1

Manual Integrations
APPROVED

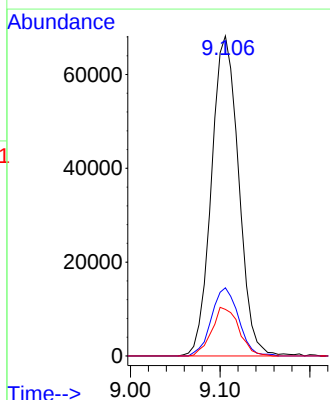
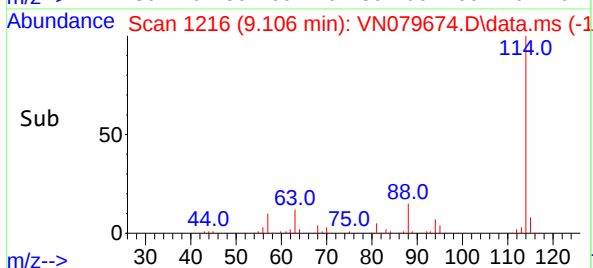
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

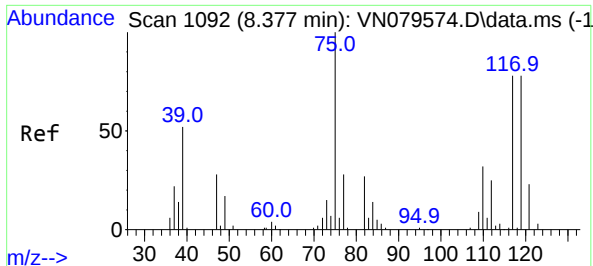


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



Tgt Ion:114 Resp: 143397
Ion Ratio Lower Upper
114 100
63 21.1 18.1 27.1
88 15.2 12.2 18.2





#29
1,1-Dichloropropene
Concen: 19.956 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_N

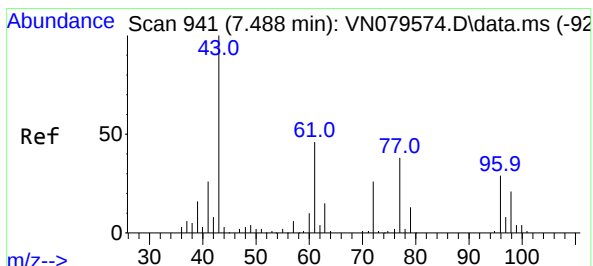
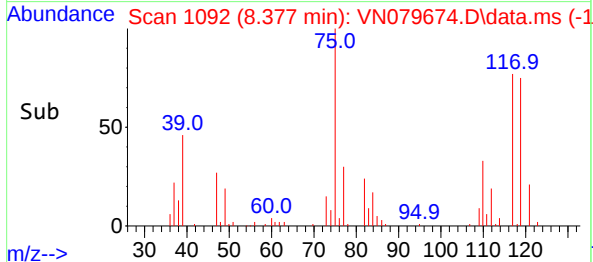
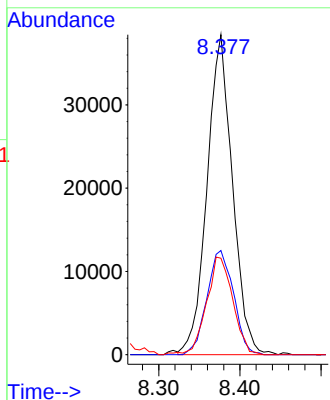
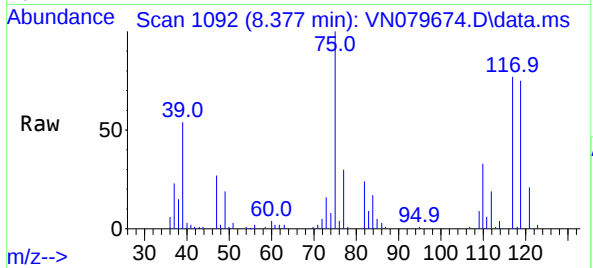
ClientSampleId :

VN1025WBSD01

Tgt Ion: 75 Resp: 8362
Ion Ratio Lower Upper
75 100
110 34.0 0.0 66.8
77 31.2 0.0 61.2

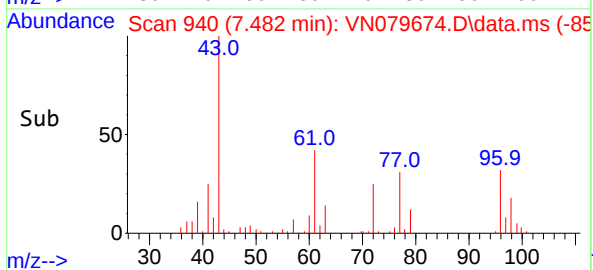
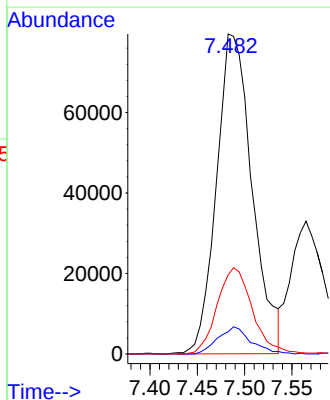
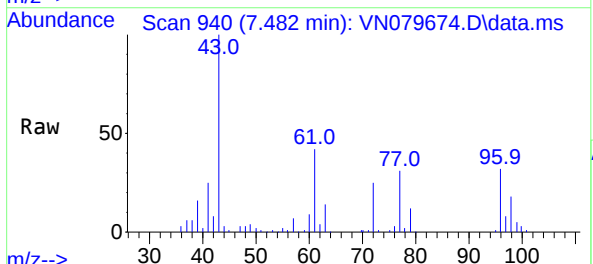
Manual Integrations
APPROVED

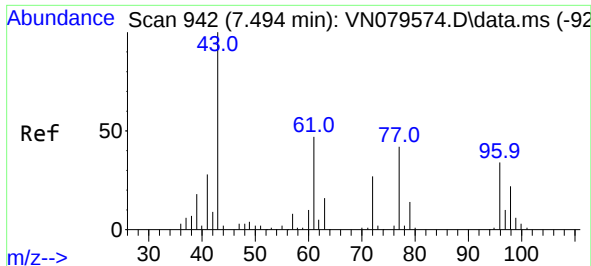
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#30
2-Butanone
Concen: 99.278 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

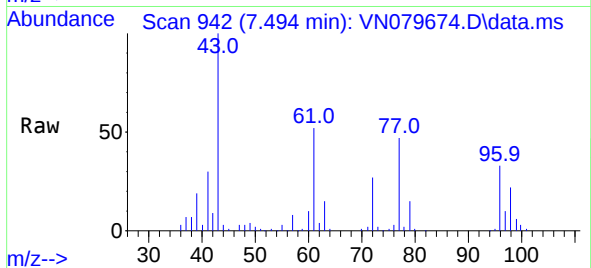
Tgt Ion: 43 Resp: 208539
Ion Ratio Lower Upper
43 100
57 7.8 6.4 9.6
72 26.6 20.7 31.1





#31
2,2-Dichloropropane
Concen: 19.568 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

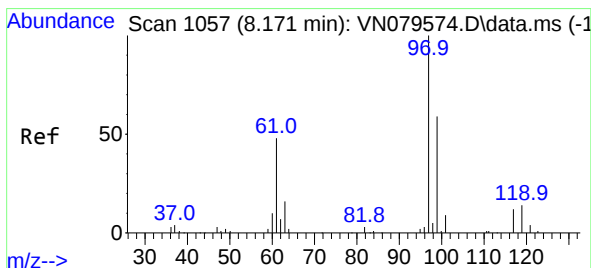
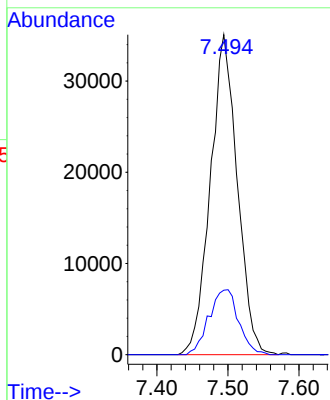
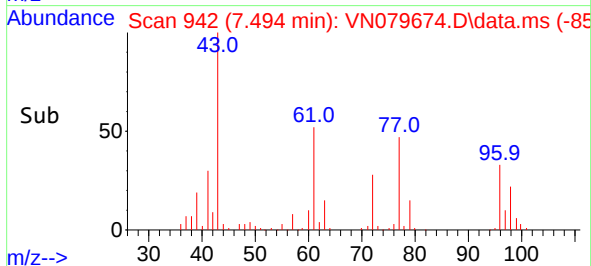
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



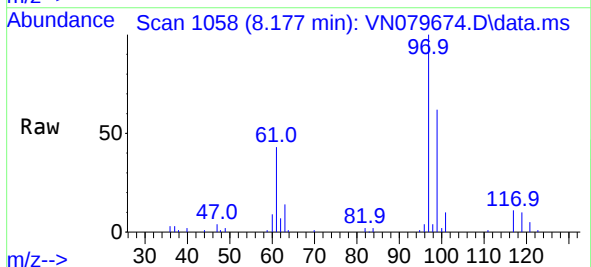
Tgt Ion: 77 Resp: 9245
Ion Ratio Lower Upper
77 100
97 22.3 17.9 26.9

Manual Integrations
APPROVED

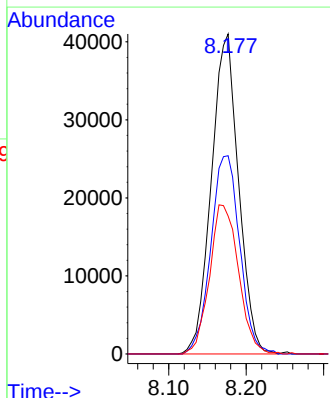
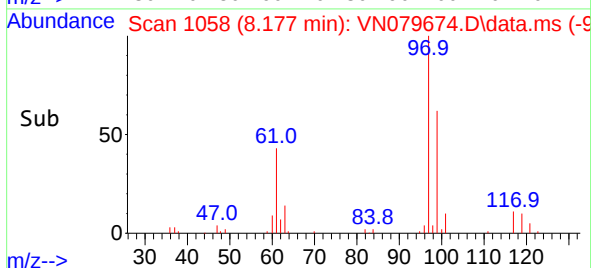
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

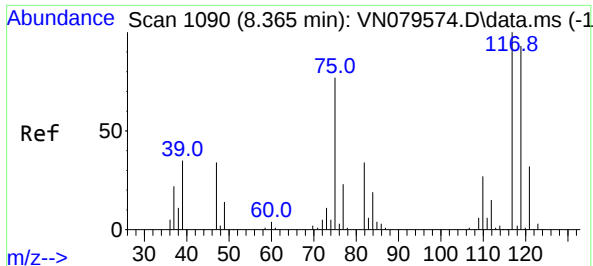


#32
1,1,1-Trichloroethane
Concen: 20.116 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



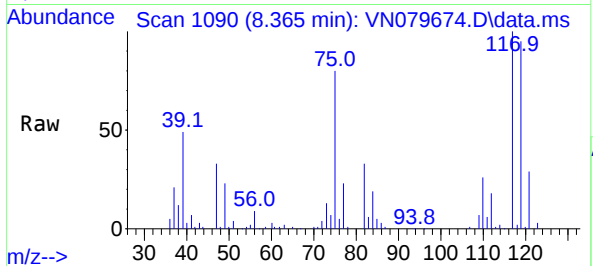
Tgt Ion: 97 Resp: 100192
Ion Ratio Lower Upper
97 100
99 65.9 51.9 77.9
61 49.5 37.6 56.4





#33
Carbon Tetrachloride
Concen: 20.325 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

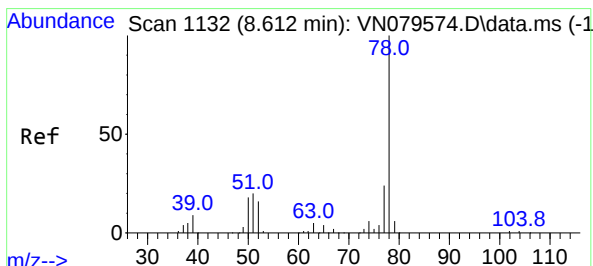
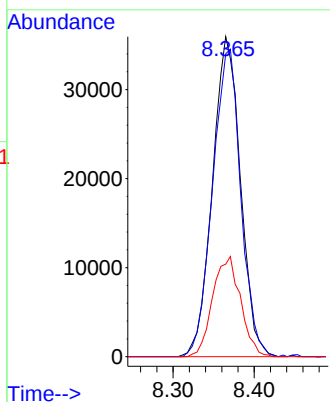
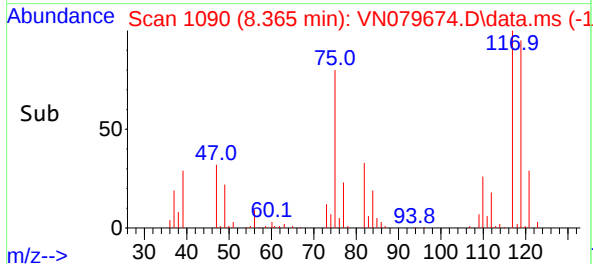
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



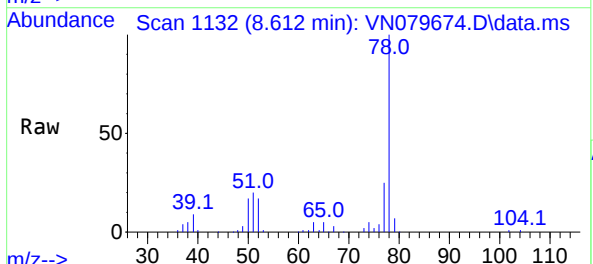
Tgt Ion:117 Resp: 86098
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.6
121 28.9 24.3 36.5

Manual Integrations
APPROVED

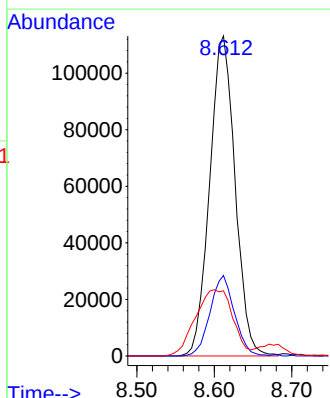
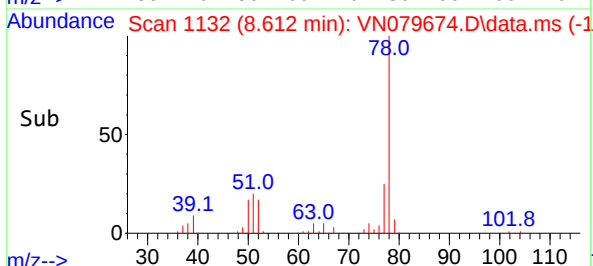
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

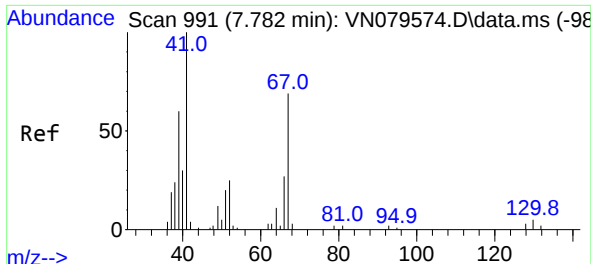


#34
Benzene
Concen: 20.305 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



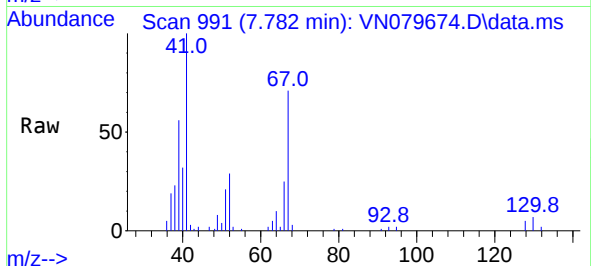
Tgt Ion: 78 Resp: 258525
Ion Ratio Lower Upper
78 100
77 25.1 19.7 29.5
51 18.7 15.8 23.6





#35
Methacrylonitrile
Concen: 18.543 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

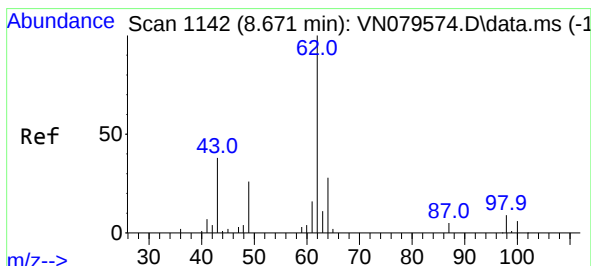
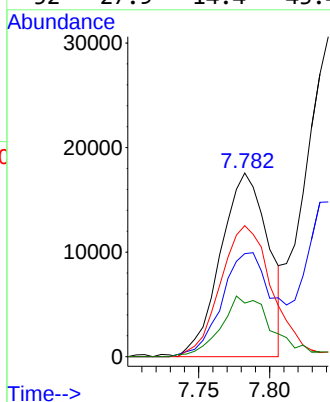
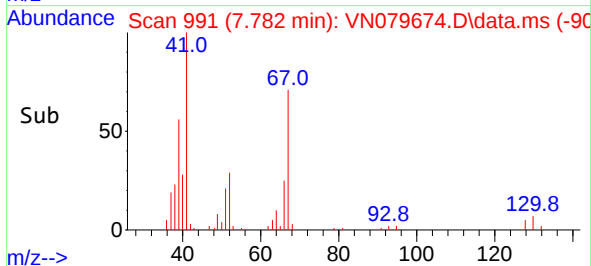
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



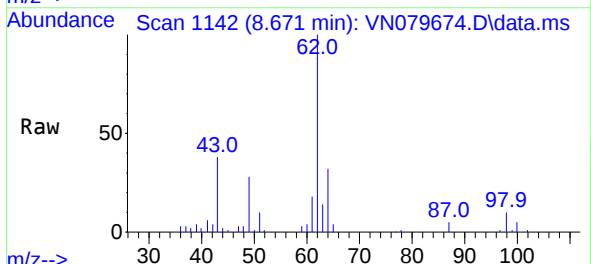
Tgt Ion: 41 Resp: 4097
Ion Ratio Lower Upper
41 100
39 54.9 26.3 78.8
67 71.4 37.5 112.3
52 27.9 14.4 43.4

Manual Integrations
APPROVED

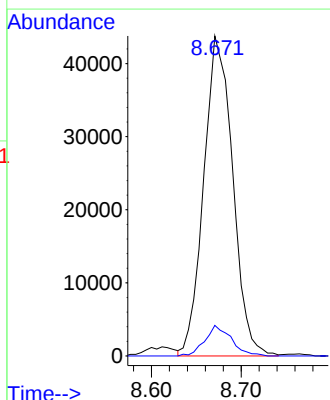
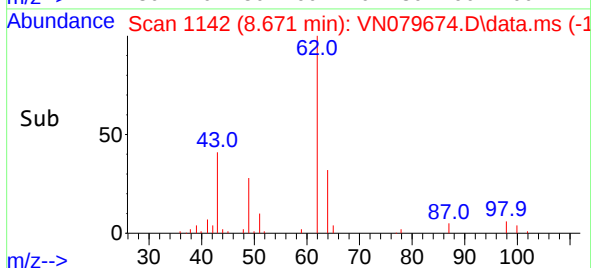
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

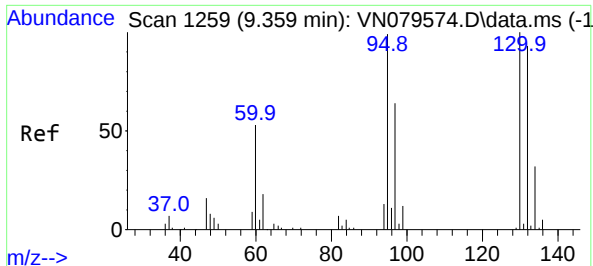


#36
1,2-Dichloroethane
Concen: 21.613 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



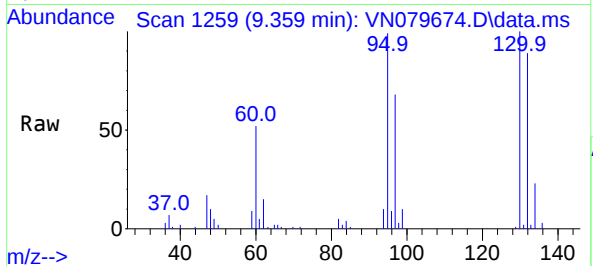
Tgt Ion: 62 Resp: 98251
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8





#37
Trichloroethene
Concen: 20.040 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

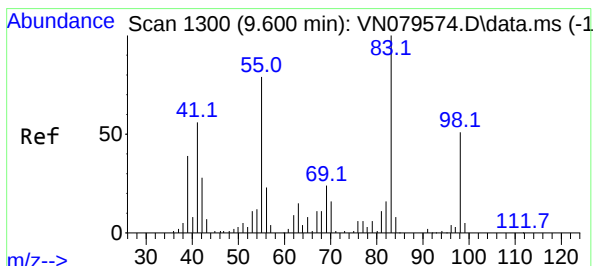
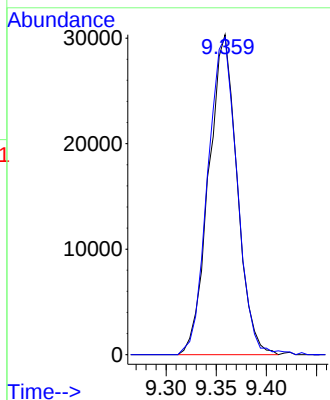
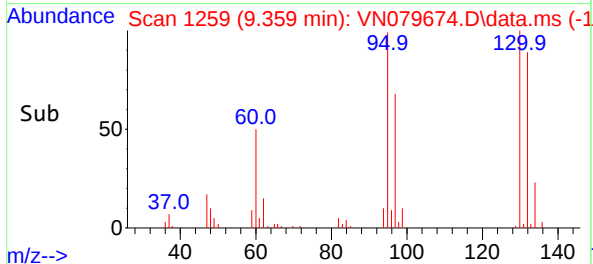
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



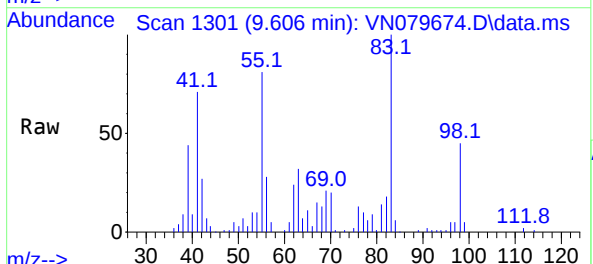
Tgt Ion:130 Resp: 59640
Ion Ratio Lower Upper
130 100
95 99.1 81.2 121.8

Manual Integrations
APPROVED

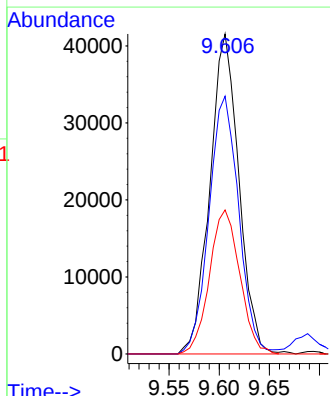
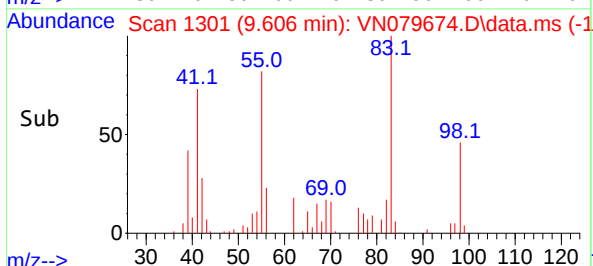
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

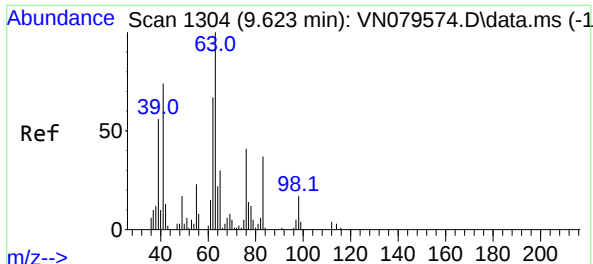


#38
Methylcyclohexane
Concen: 20.707 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



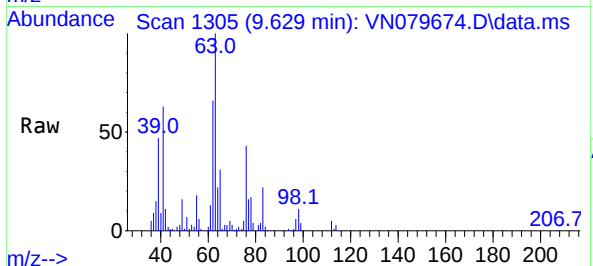
Tgt Ion: 83 Resp: 83546
Ion Ratio Lower Upper
83 100
55 82.7 39.7 119.1
98 47.1 24.4 73.2





#39
1,2-Dichloropropane
Concen: 24.003 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

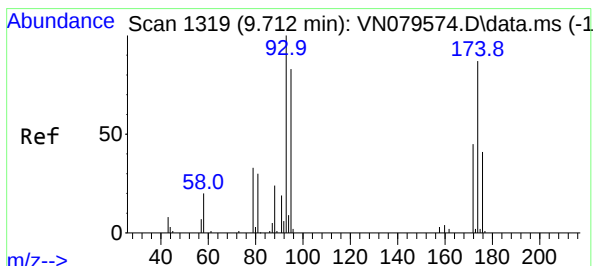
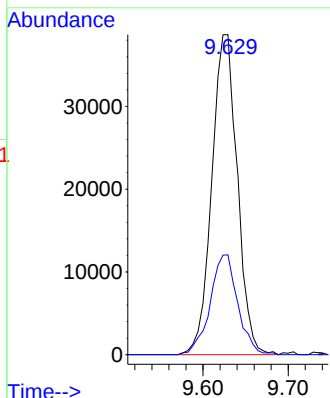
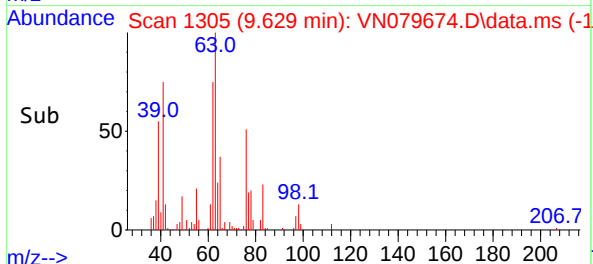
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



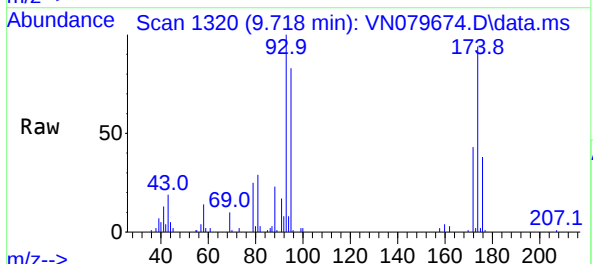
Tgt Ion: 63 Resp: 80650
Ion Ratio Lower Upper
63 100
65 31.2 25.3 37.9

Manual Integrations
APPROVED

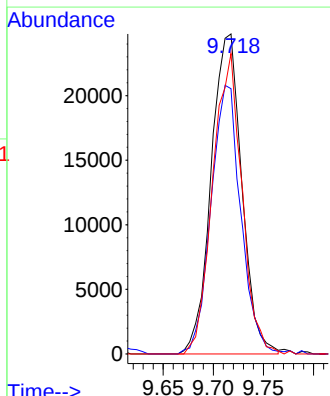
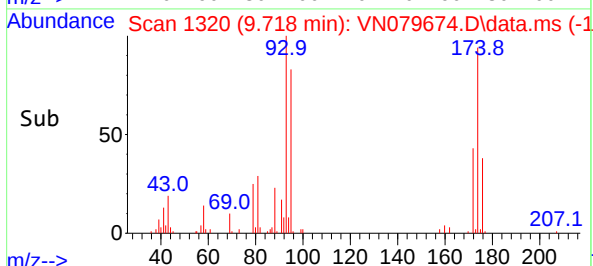
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

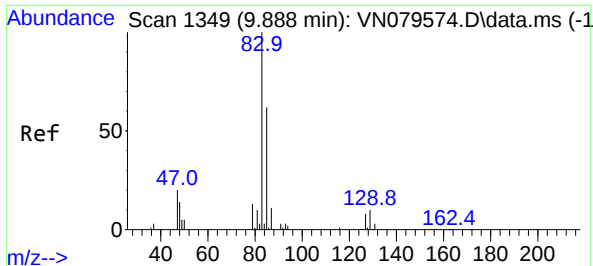


#40
Dibromomethane
Concen: 23.849 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



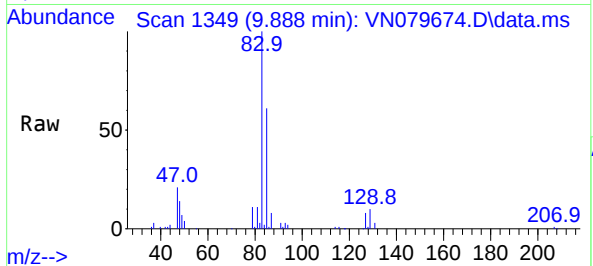
Tgt Ion: 93 Resp: 52587
Ion Ratio Lower Upper
93 100
95 81.8 0.0 166.6
174 89.0 0.0 171.0





#41
Bromodichloromethane
Concen: 24.910 ug/l
RT: 9.888 min Scan# 11383
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

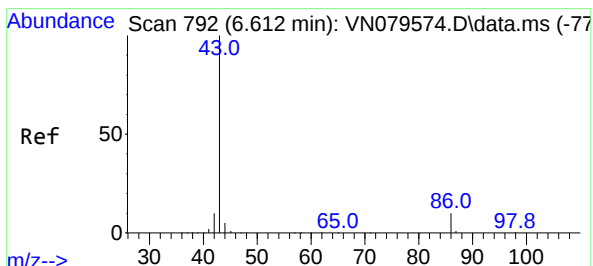
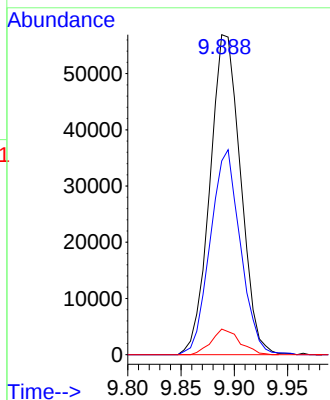
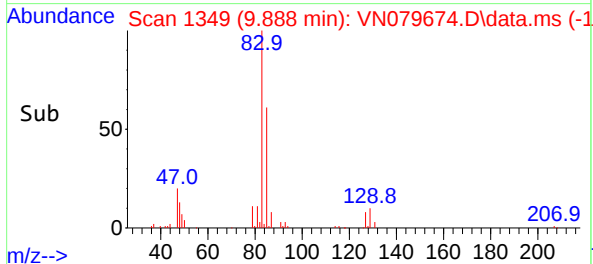
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



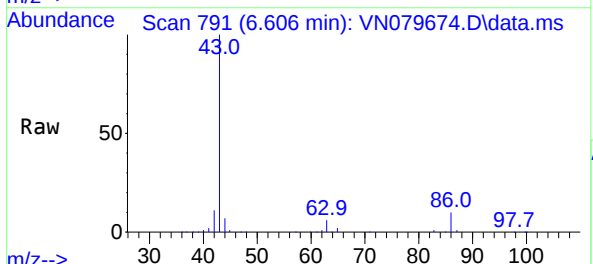
Tgt Ion: 83 Resp: 11383
Ion Ratio Lower Upper
83 100
85 60.6 50.3 75.5
127 8.0 6.8 10.2

Manual Integrations
APPROVED

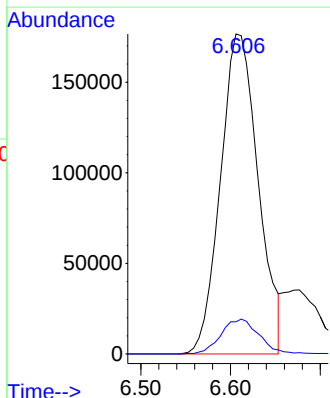
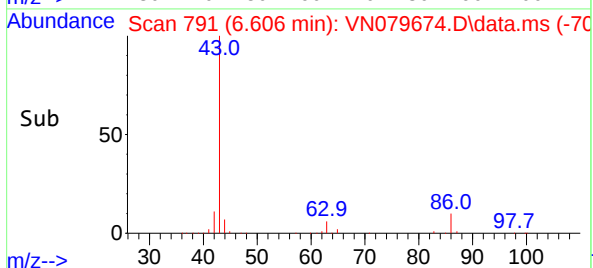
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

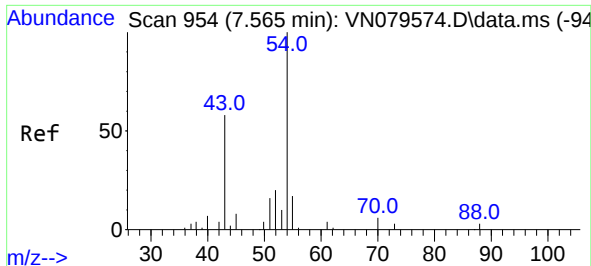


#42
Vinyl Acetate
Concen: 96.848 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



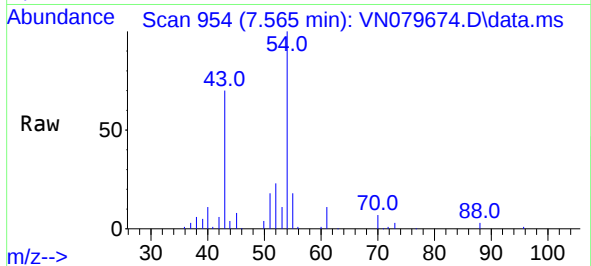
Tgt Ion: 43 Resp: 516060
Ion Ratio Lower Upper
43 100
86 10.9 8.2 12.2





#43
Ethyl Acetate
Concen: 20.385 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

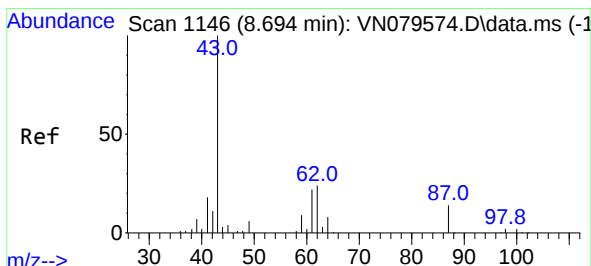
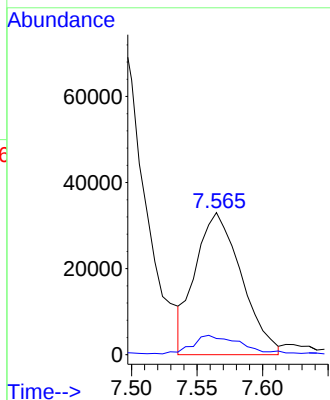
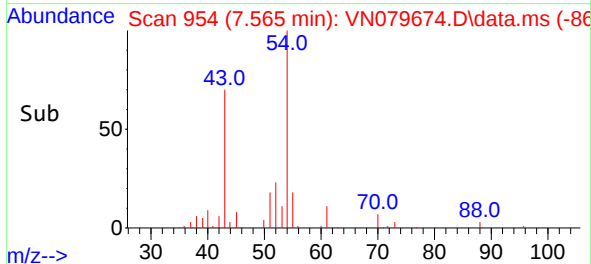
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



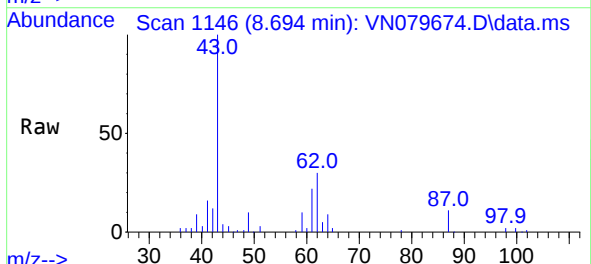
Tgt Ion: 43 Resp: 8051
Ion Ratio Lower Upper
43 100
45 13.0 11.8 17.8

Manual Integrations
APPROVED

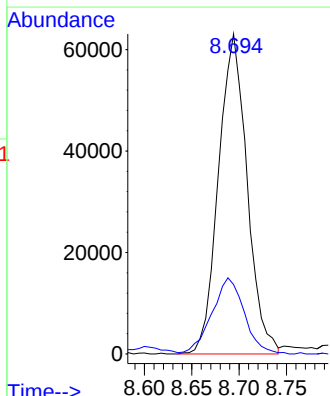
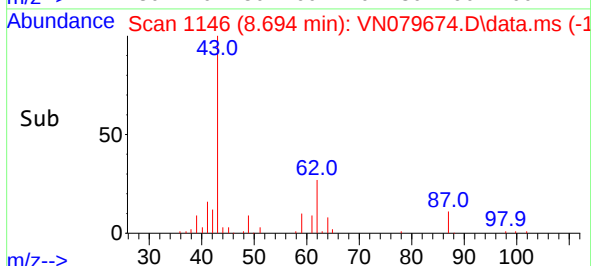
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

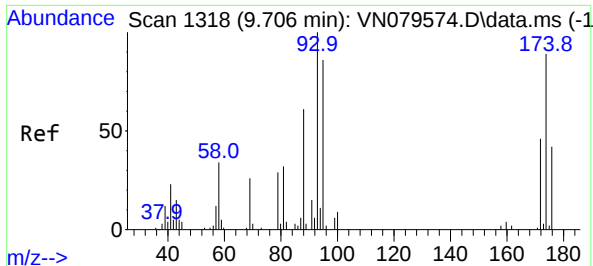


#44
Isopropyl Acetate
Concen: 18.870 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



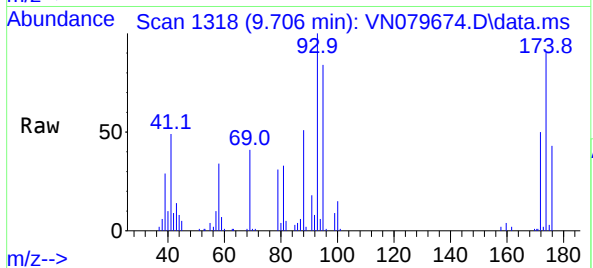
Tgt Ion: 43 Resp: 132498
Ion Ratio Lower Upper
43 100
61 27.0 20.3 30.5





#45
1,4-Dioxane
Concen: 443.958 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

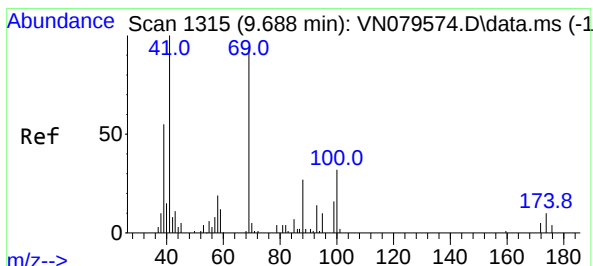
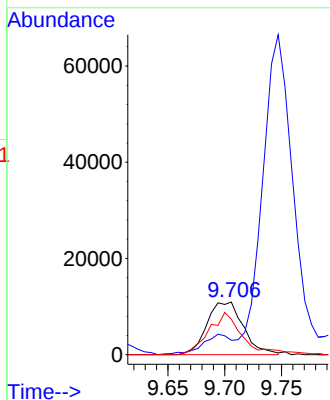
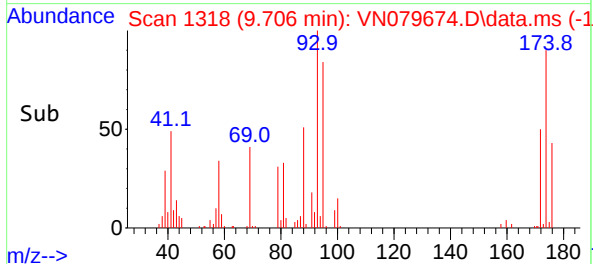
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



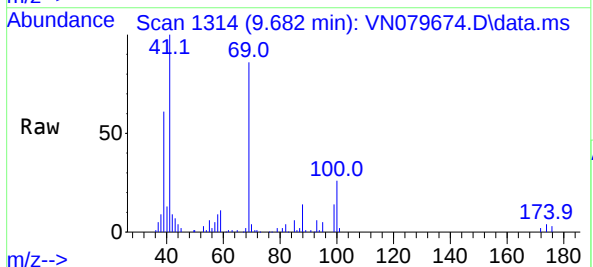
Tgt Ion: 88 Resp: 2440
Ion Ratio Lower Upper
88 100
43 29.9 28.7 43.1
58 67.6 56.9 85.3

Manual Integrations
APPROVED

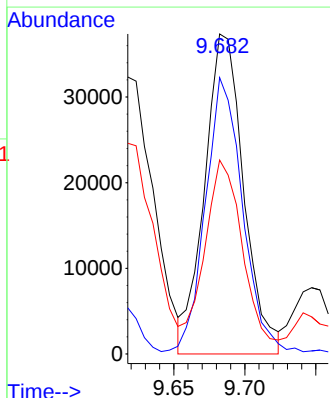
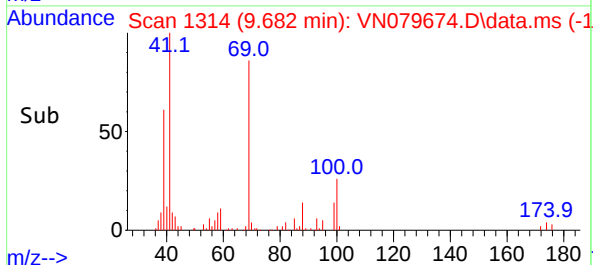
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

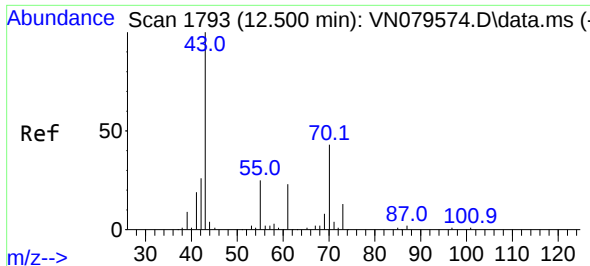


#46
Methyl methacrylate
Concen: 22.951 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



Tgt Ion: 41 Resp: 71494
Ion Ratio Lower Upper
41 100
69 90.2 40.0 119.9
39 60.4 31.1 93.3





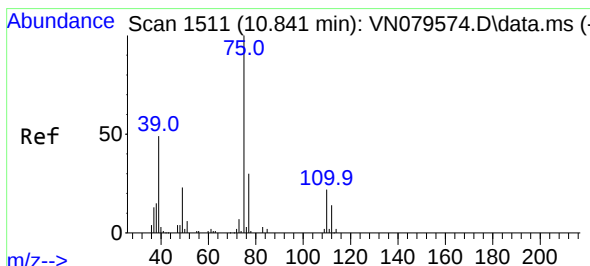
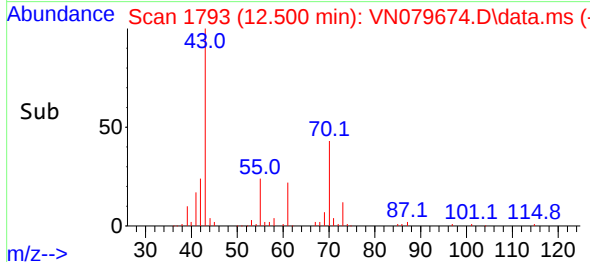
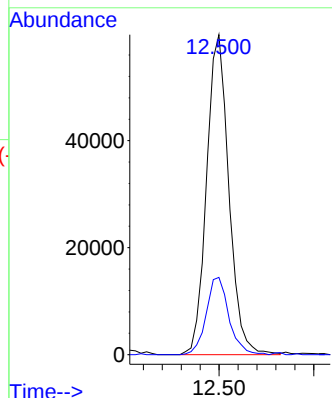
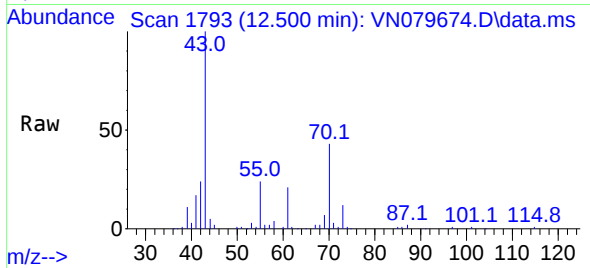
#47
n-amy1 Acetate
Concen: 19.304 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion: 43 Resp: 97823
Ion Ratio Lower Upper
43 100
55 24.6 20.7 31.1

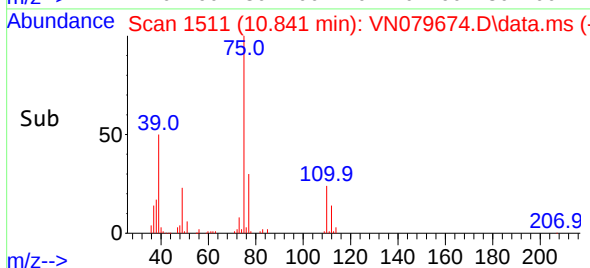
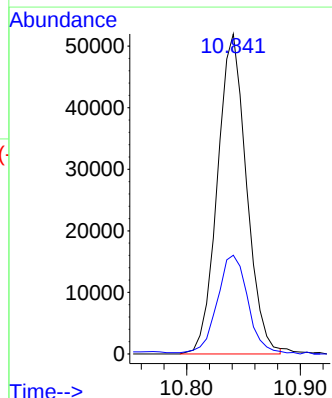
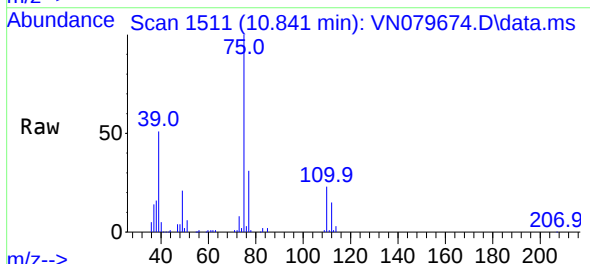
Manual Integrations
APPROVED

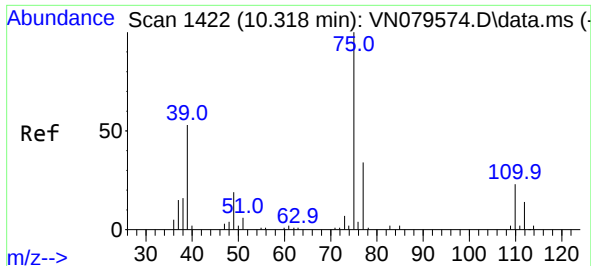
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#48
t-1,3-Dichloropropene
Concen: 19.969 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

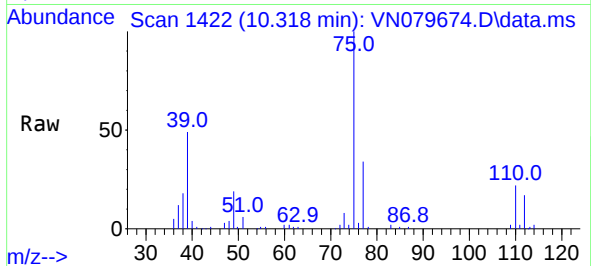
Tgt Ion: 75 Resp: 92250
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 22.931 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079674.D
 Acq: 25 Oct 2023 11:41

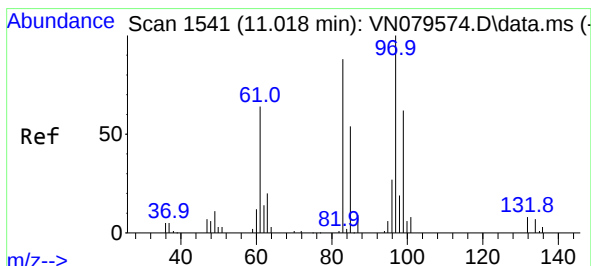
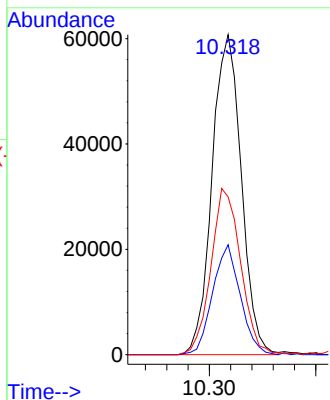
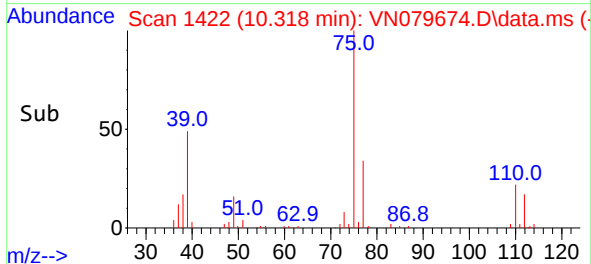
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBSD01



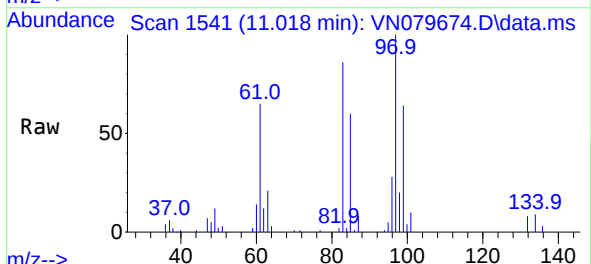
Tgt Ion: 75 Resp: 11583
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.8 38.6
 39 49.3 42.4 63.6

Manual Integrations
 APPROVED

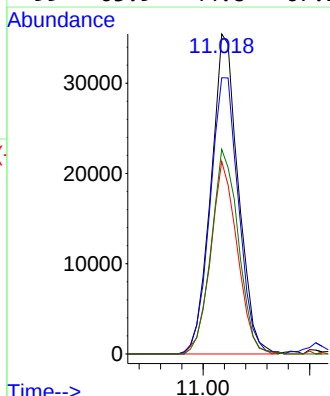
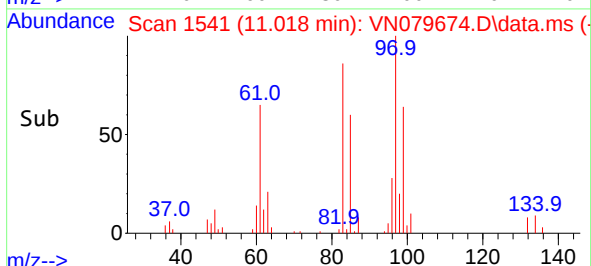
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

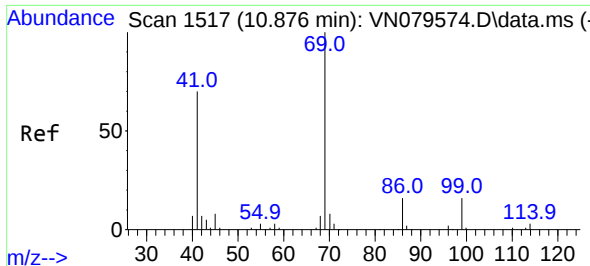


#50
 1,1,2-Trichloroethane
 Concen: 20.594 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN079674.D
 Acq: 25 Oct 2023 11:41



Tgt Ion: 97 Resp: 62996
 Ion Ratio Lower Upper
 97 100
 83 86.3 68.2 102.4
 85 60.1 42.9 64.3
 99 63.9 44.8 67.2





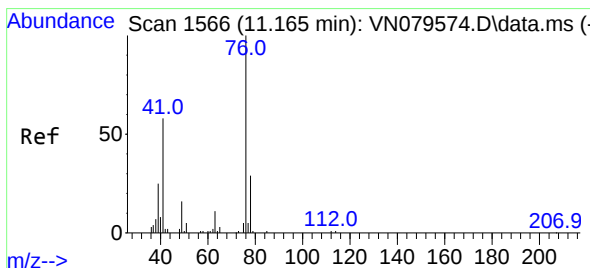
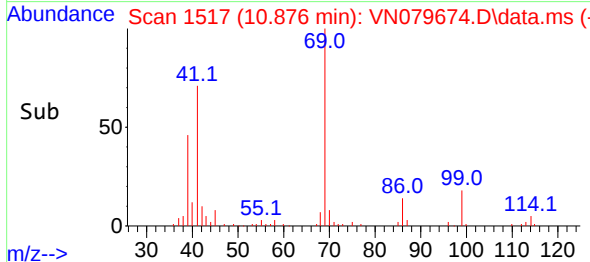
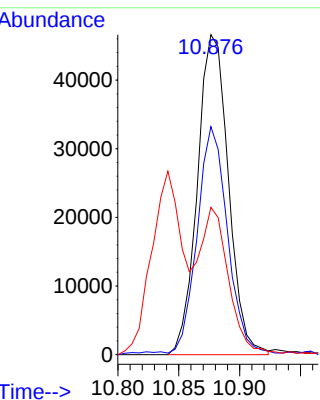
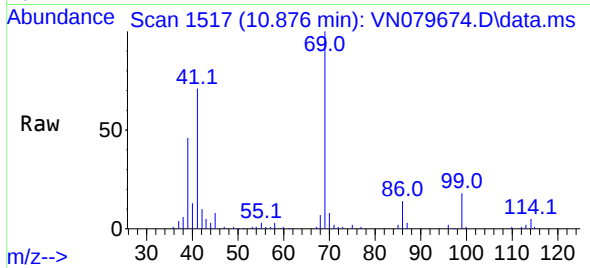
#51
Ethyl methacrylate
Concen: 19.583 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion: 69 Resp: 8264
Ion Ratio Lower Upper
69 100
41 70.8 33.8 101.3
39 45.0 21.3 63.9

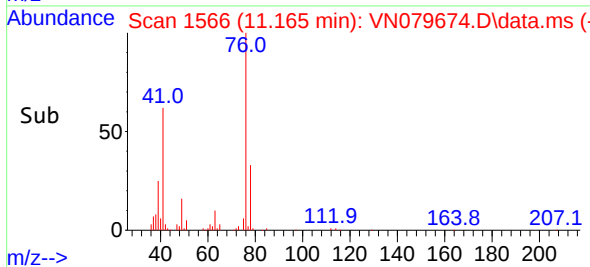
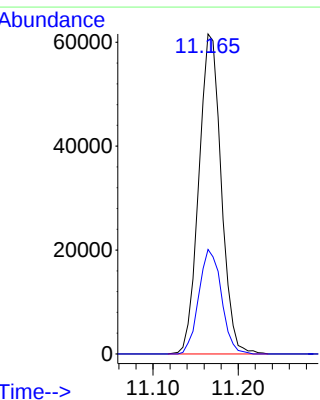
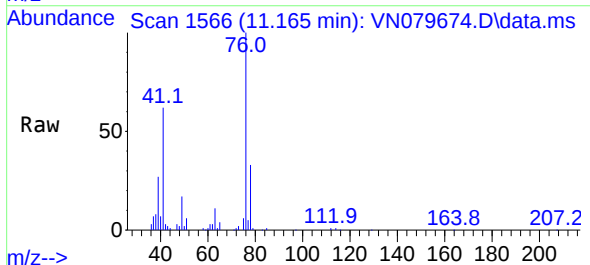
Manual Integrations
APPROVED

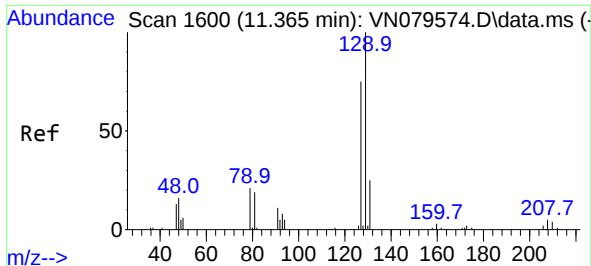
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
1,3-Dichloropropane
Concen: 20.720 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

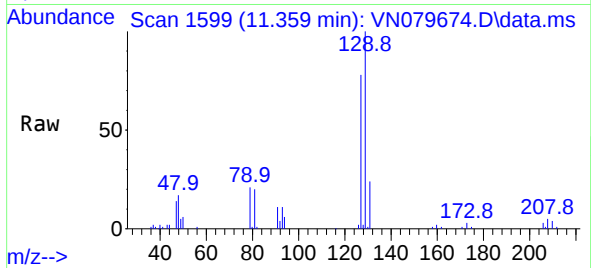
Tgt Ion: 76 Resp: 112286
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.0





#53
Dibromochloromethane
Concen: 21.388 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

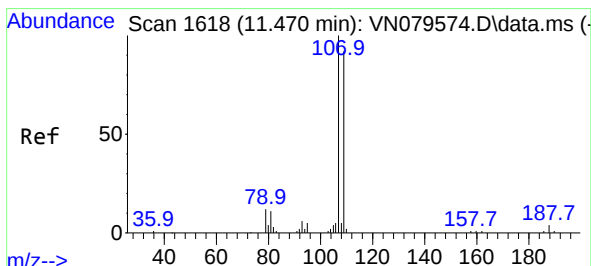
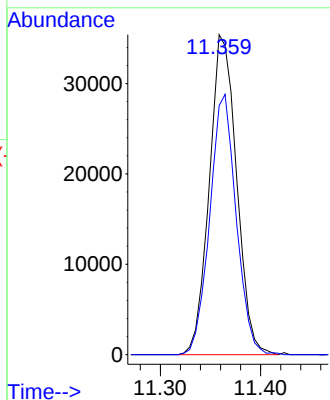
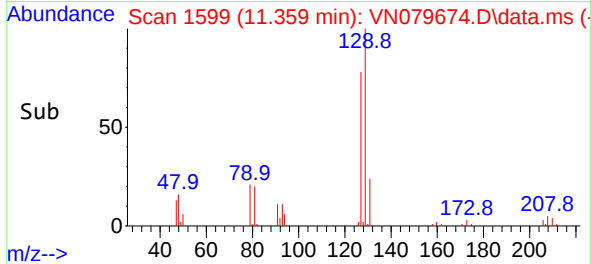
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



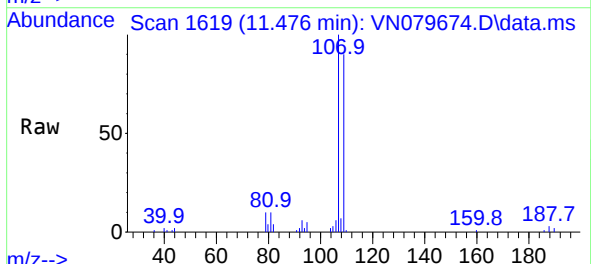
Tgt Ion:129 Resp: 6686
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.3

Manual Integrations
APPROVED

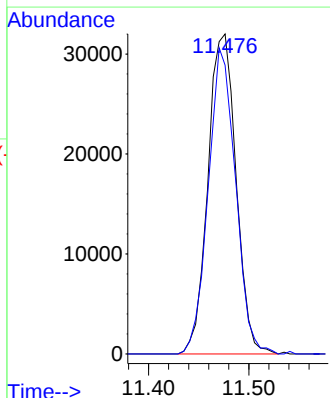
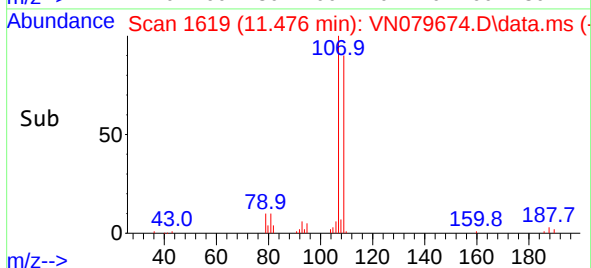
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

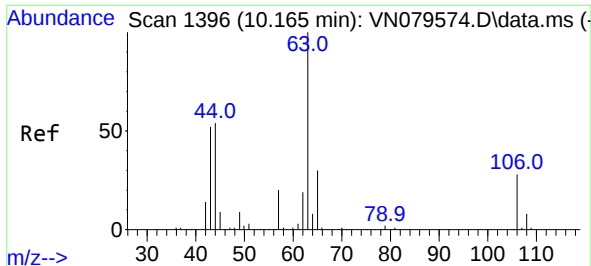


#54
1,2-Dibromoethane
Concen: 20.718 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



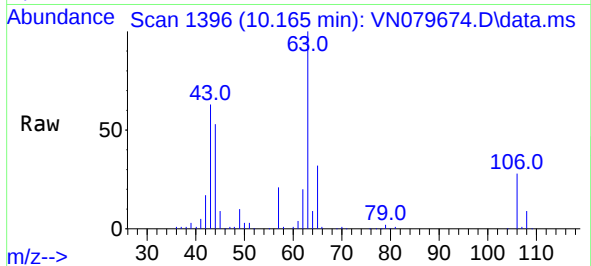
Tgt Ion:107 Resp: 62525
Ion Ratio Lower Upper
107 100
109 92.7 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 119.257 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

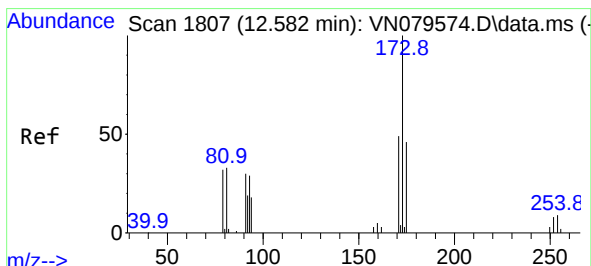
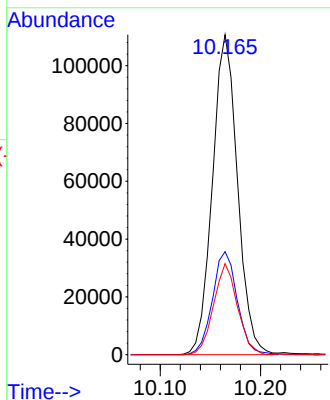
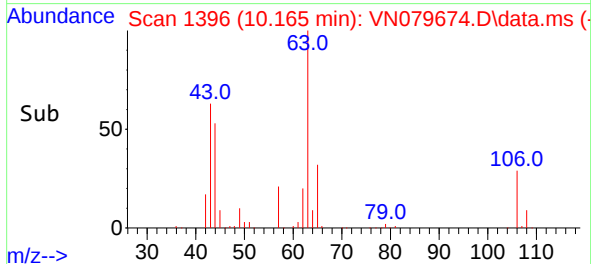
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion: 63 Resp: 192030
Ion Ratio Lower Upper
63 100
65 32.0 25.9 38.9
106 27.0 20.6 30.8

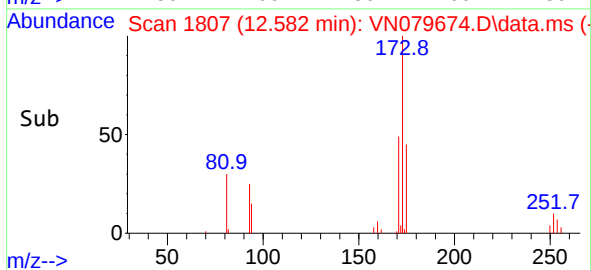
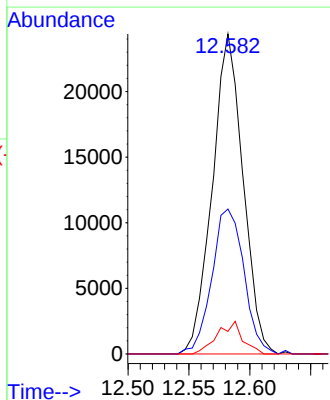
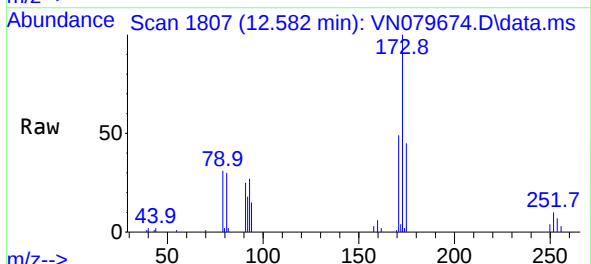
Manual Integrations
APPROVED

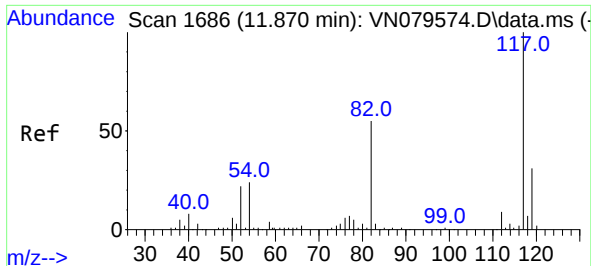
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#56
Bromoform
Concen: 20.688 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion:173 Resp: 42788
Ion Ratio Lower Upper
173 100
175 47.4 37.9 56.9
254 8.4 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

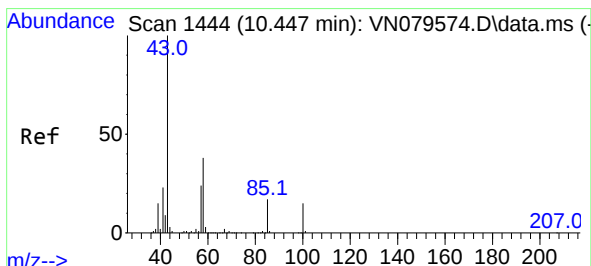
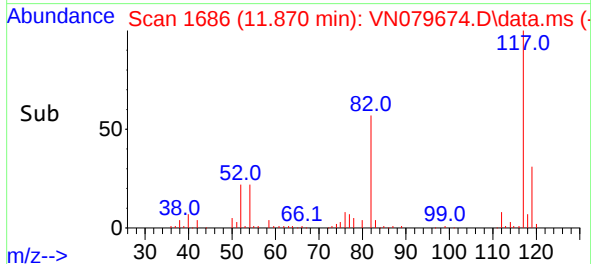
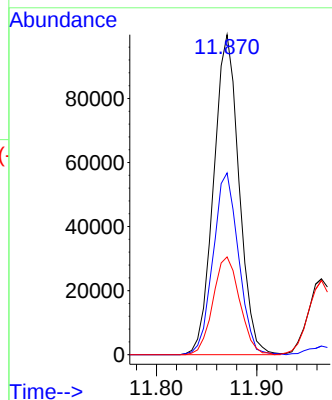
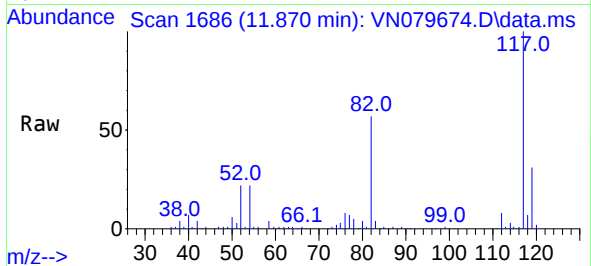
VN1025WBSD01

Tgt Ion:117 Resp: 175600
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.2
119 32.2 25.2 37.8

Manual Integrations

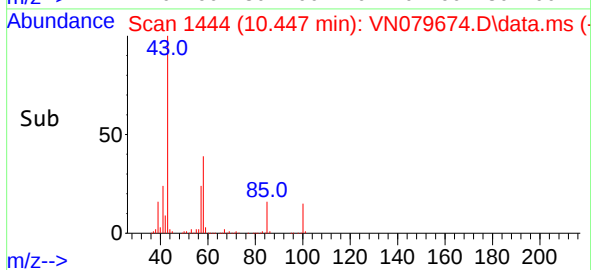
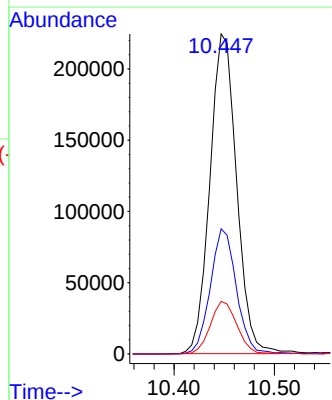
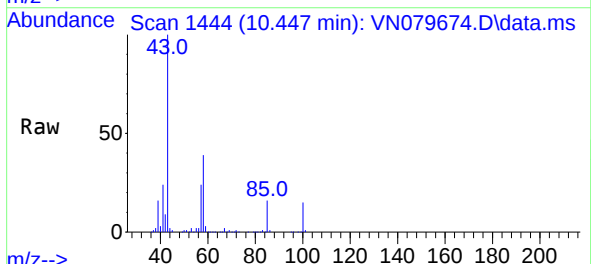
APPROVED

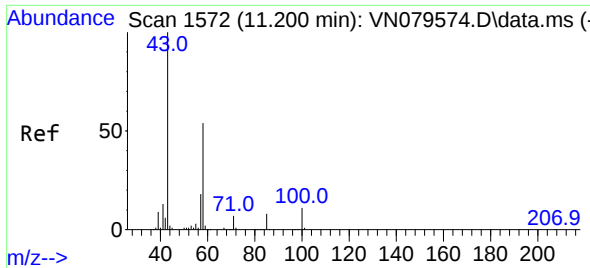
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#58
4-Methyl-2-Pentanone
Concen: 101.228 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

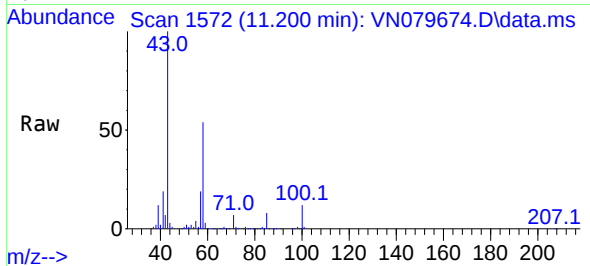
Tgt Ion: 43 Resp: 414610
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6
85 16.5 13.2 19.8





#59
2-Hexanone
Concen: 99.000 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

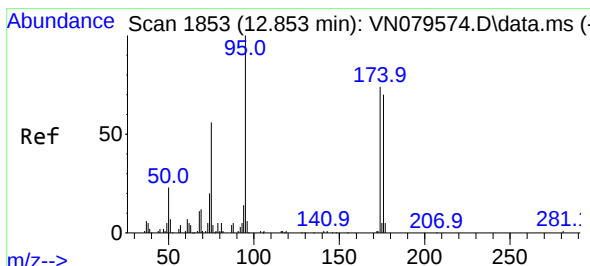
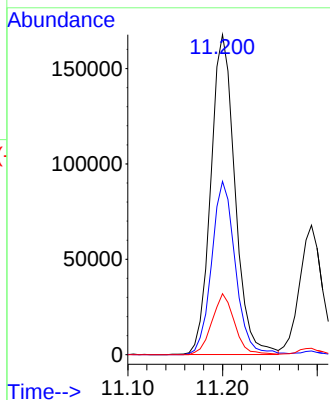
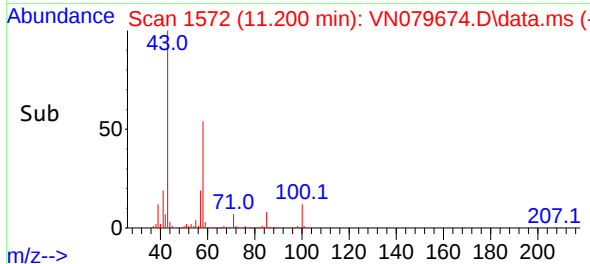
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



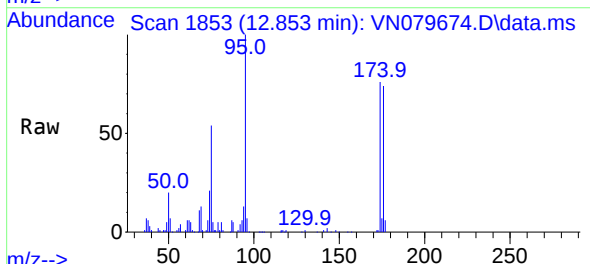
Tgt Ion: 43 Resp: 297475
Ion Ratio Lower Upper
43 100
58 52.8 42.3 63.5
57 17.9 13.9 20.9

Manual Integrations
APPROVED

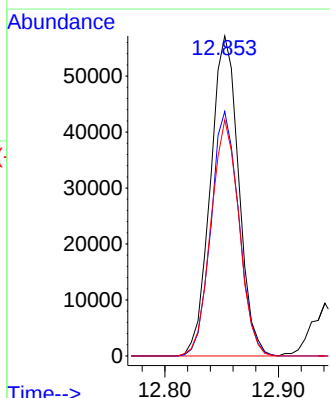
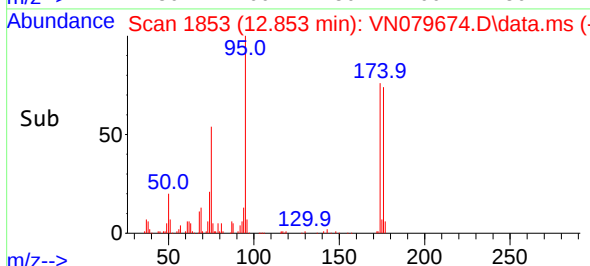
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

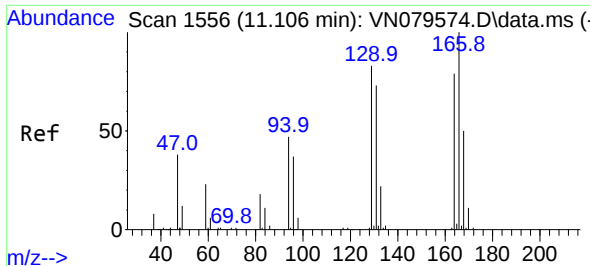


#60
4-Bromofluorobenzene
Concen: 30.670 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



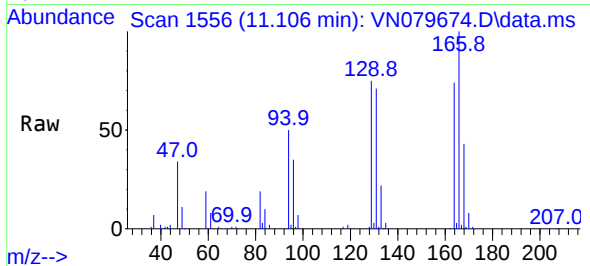
Tgt Ion: 95 Resp: 98489
Ion Ratio Lower Upper
95 100
174 75.5 60.5 90.7
176 73.5 57.2 85.8





#61
Tetrachloroethene
Concen: 21.098 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

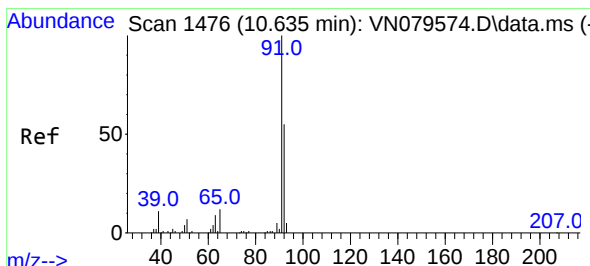
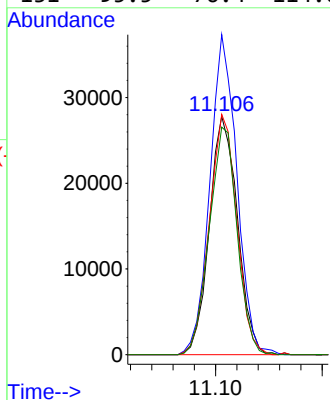
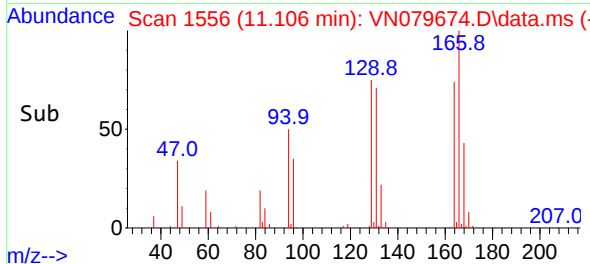
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



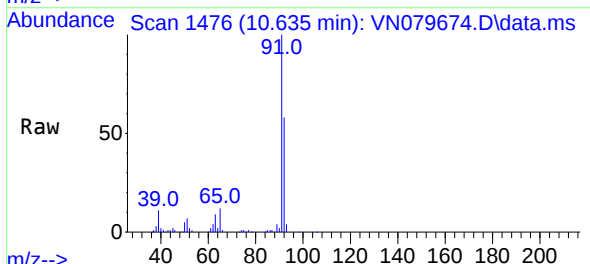
Tgt Ion:164 Resp: 5086
Ion Ratio Lower Upper
164 100
166 134.3 98.2 147.4
129 100.8 75.0 112.4
131 95.5 76.4 114.6

Manual Integrations
APPROVED

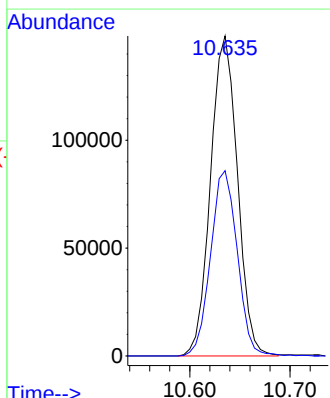
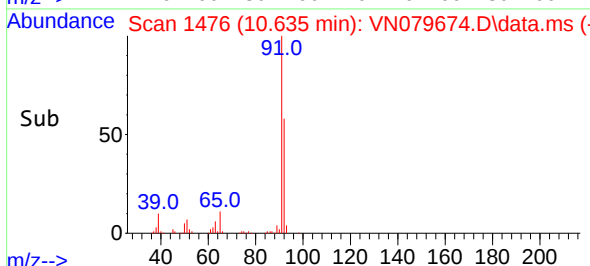
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

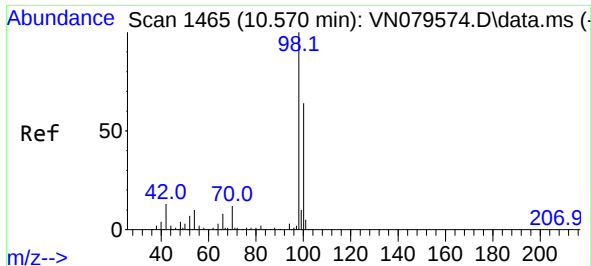


#62
Toluene
Concen: 20.627 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



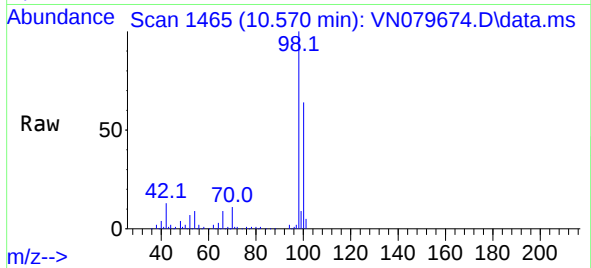
Tgt Ion: 91 Resp: 276823
Ion Ratio Lower Upper
91 100
92 57.5 45.3 67.9





#63
Toluene-d8
Concen: 30.454 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

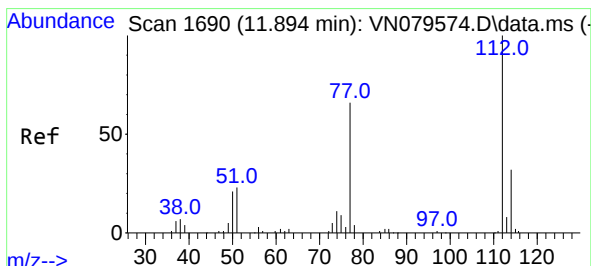
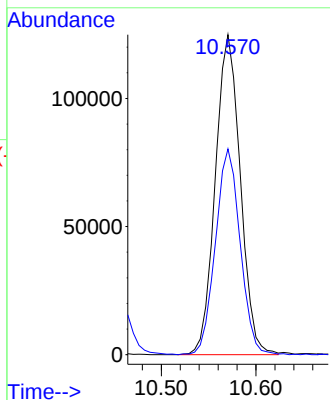
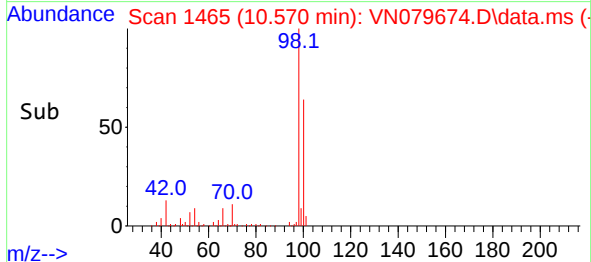
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion: 98 Resp: 22915
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

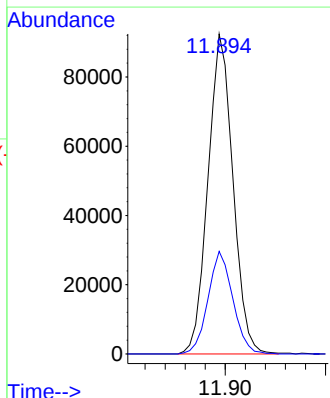
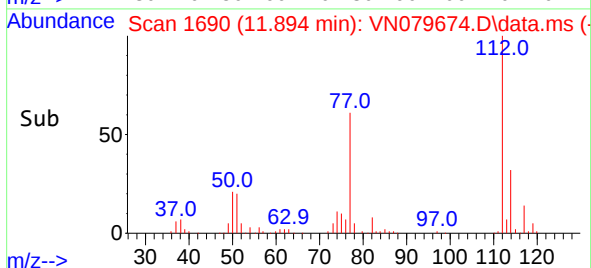
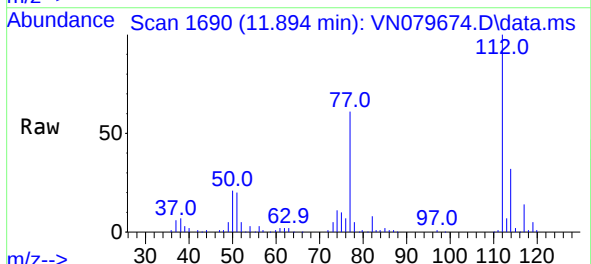
Manual Integrations
APPROVED

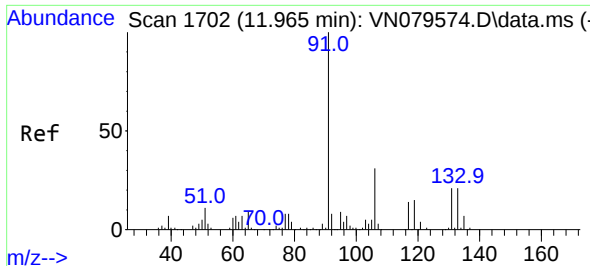
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#64
Chlorobenzene
Concen: 20.530 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

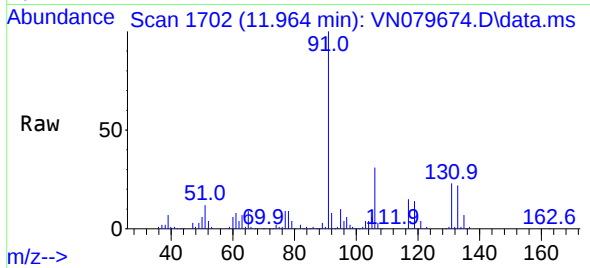
Tgt Ion:112 Resp: 159798
Ion Ratio Lower Upper
112 100
114 32.1 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 21.482 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

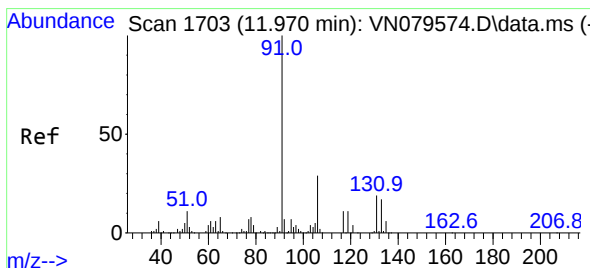
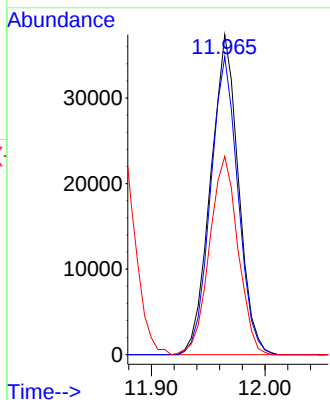
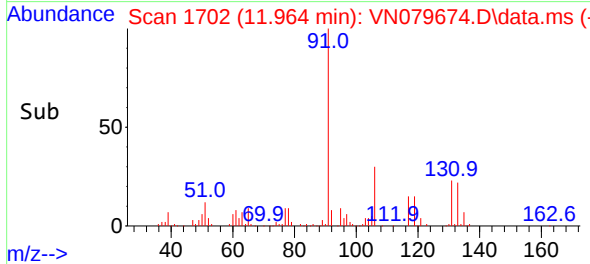
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



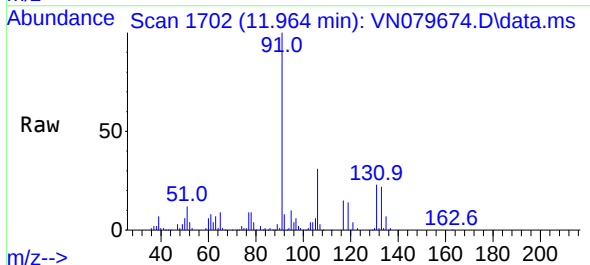
Tgt Ion:131 Resp: 6369
Ion Ratio Lower Upper
131 100
133 91.9 0.0 196.0
119 63.3 0.0 135.6

Manual Integrations
APPROVED

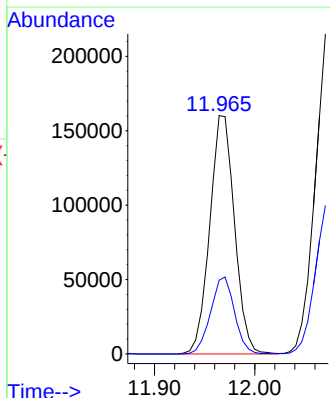
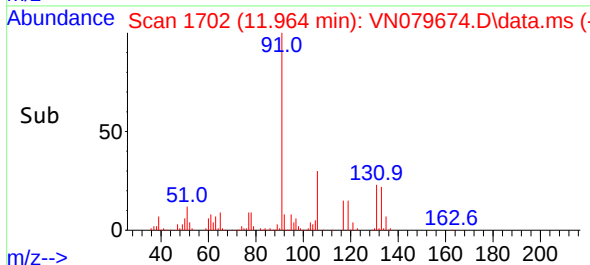
Reviewed By :John Carbone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

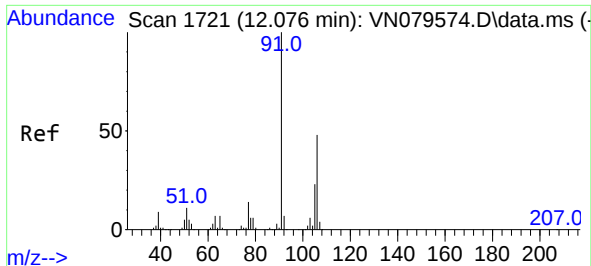


#66
Ethyl Benzene
Concen: 19.896 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



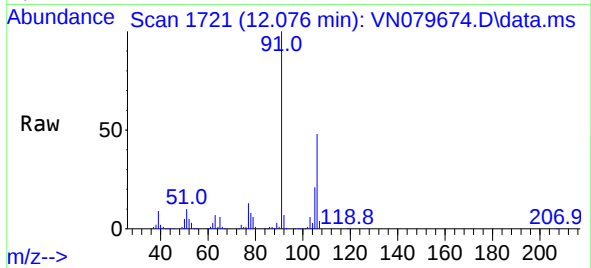
Tgt Ion: 91 Resp: 275107
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.8





#67
m/p-Xylenes
Concen: 41.668 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

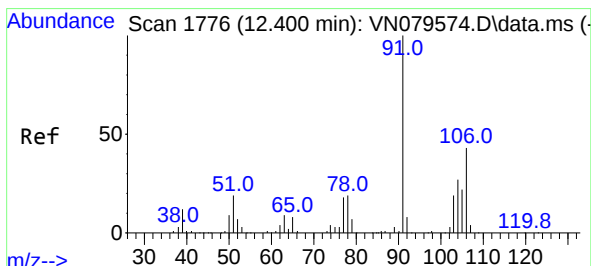
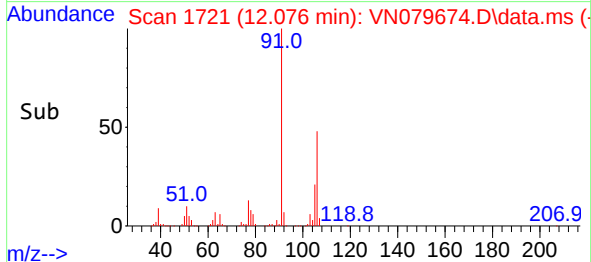
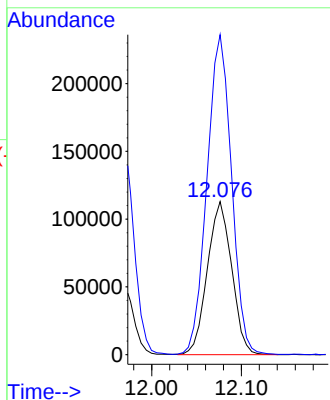
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion:106 Resp: 213104
Ion Ratio Lower Upper
106 100
91 210.8 161.8 242.6

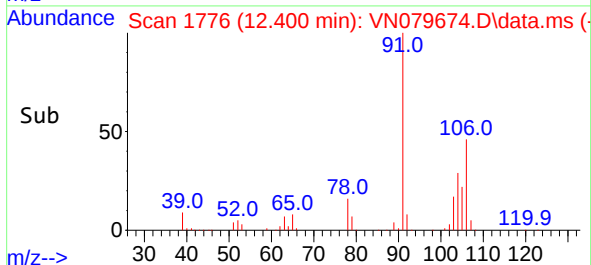
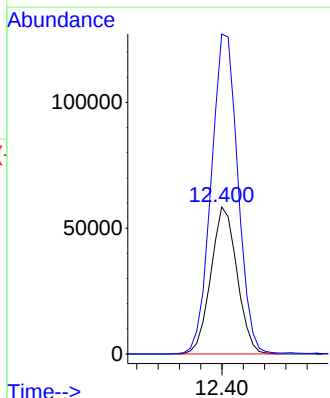
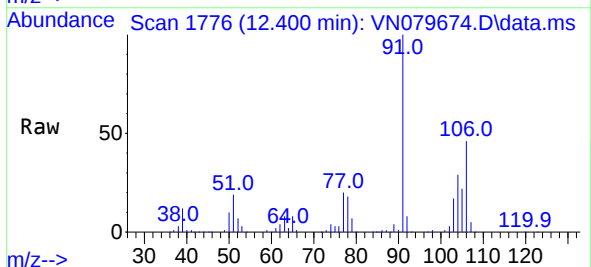
Manual Integrations
APPROVED

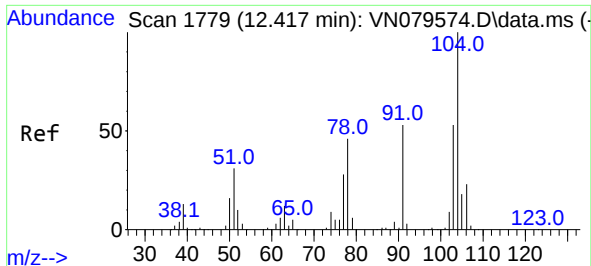
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#68
o-Xylene
Concen: 20.367 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion:106 Resp: 99578
Ion Ratio Lower Upper
106 100
91 221.9 109.9 329.7





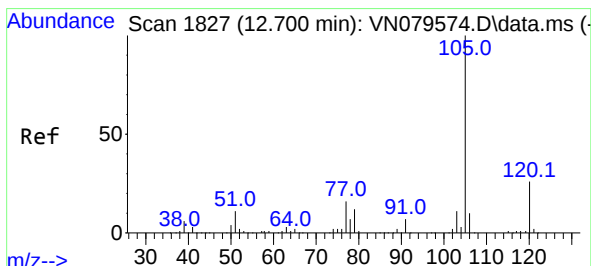
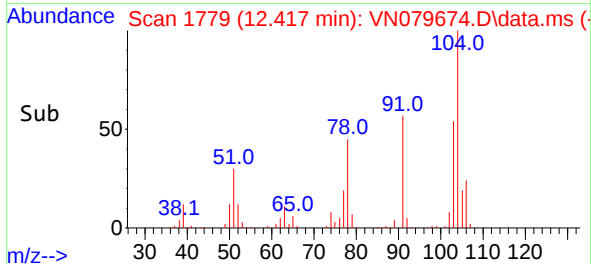
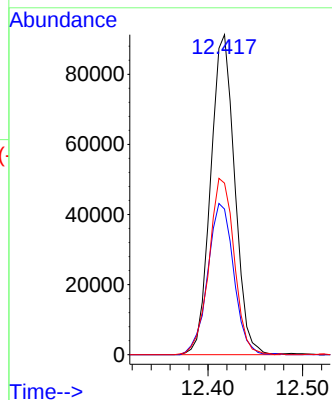
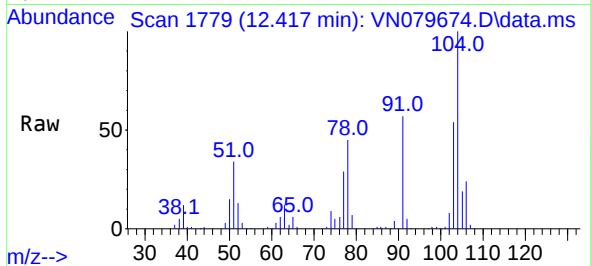
#69
Styrene
Concen: 20.755 ug/l
RT: 12.417 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion:104 Resp: 161095
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 58.0 43.1 64.7

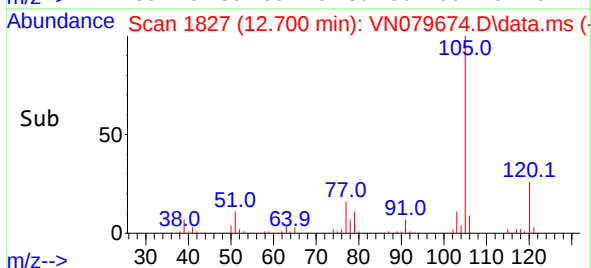
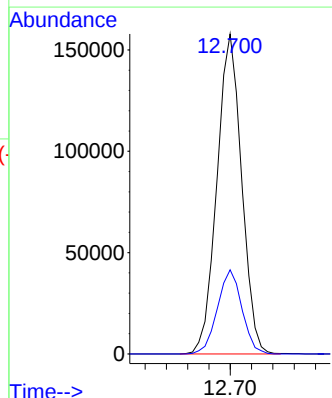
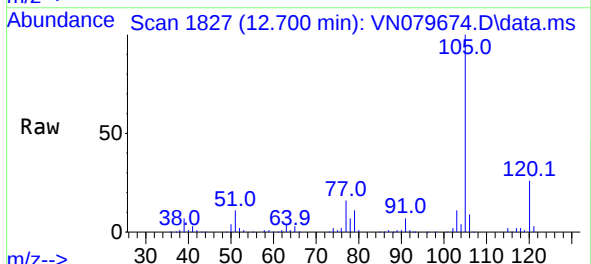
Manual Integrations
APPROVED

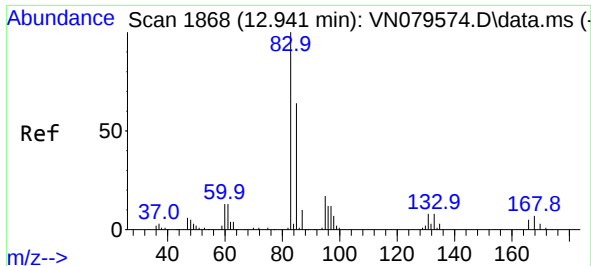
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#70
Isopropylbenzene
Concen: 20.223 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

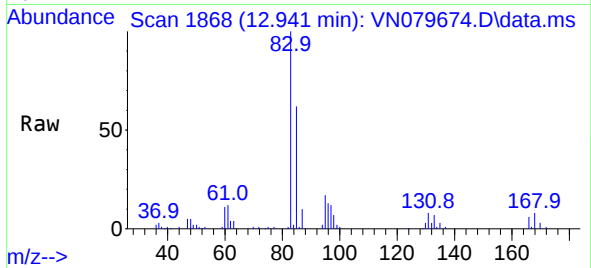
Tgt Ion:105 Resp: 253742
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.100 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

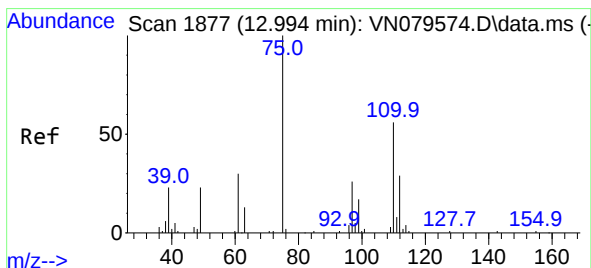
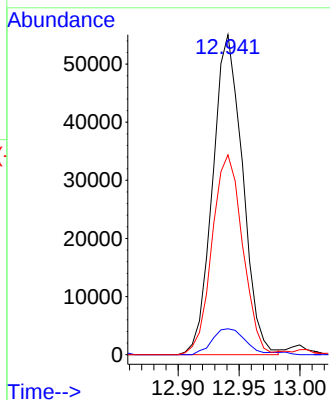
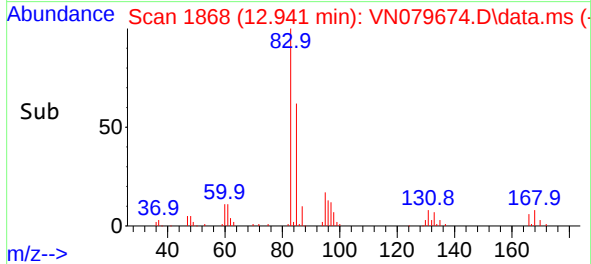
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion: 83 Resp: 94138
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.4
85 63.7 32.1 96.3

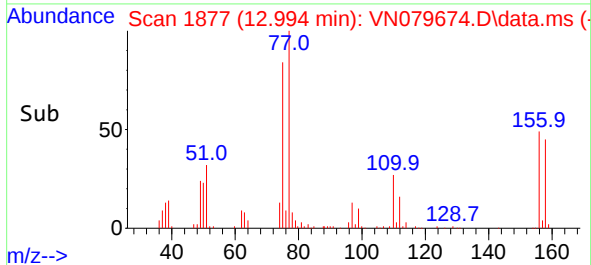
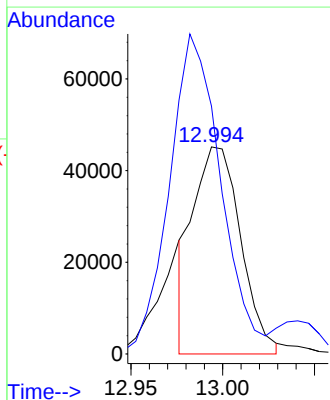
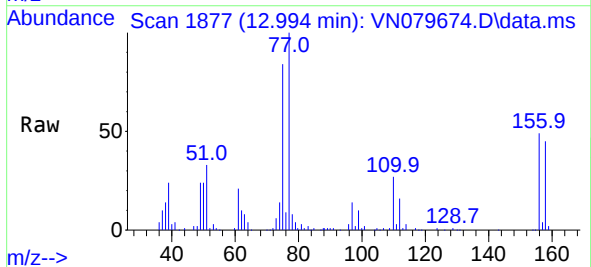
Manual Integrations
APPROVED

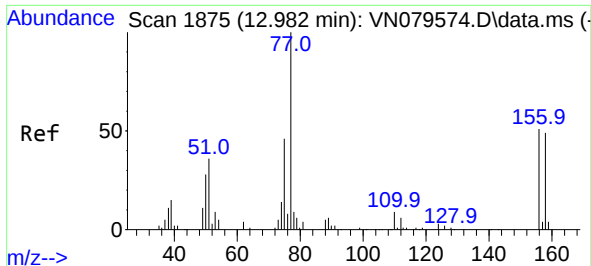
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#72
1,2,3-Trichloropropane
Concen: 20.041 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

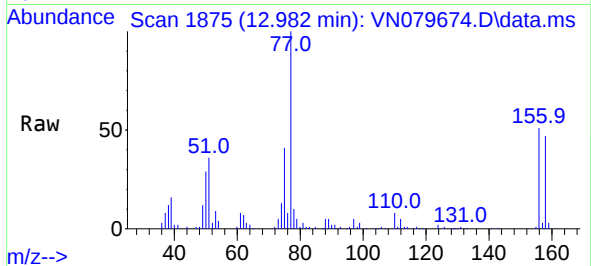
Tgt Ion: 75 Resp: 81195
Ion Ratio Lower Upper
75 100
77 167.7 0.0 338.2





#73
Bromobenzene
Concen: 20.488 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

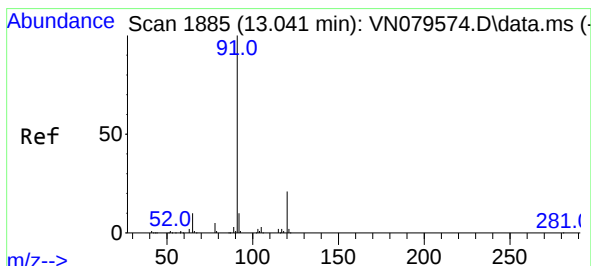
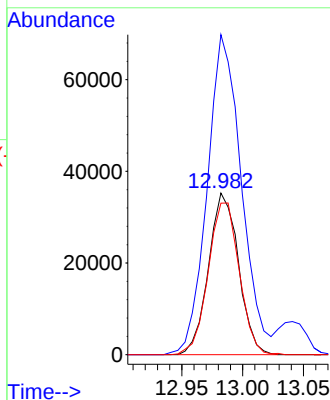
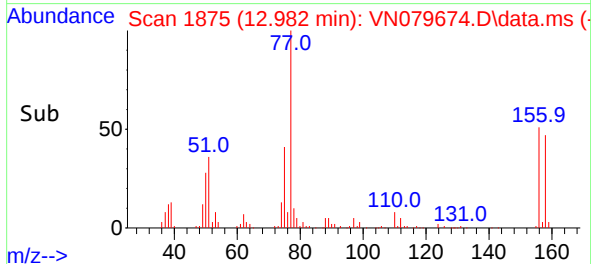
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



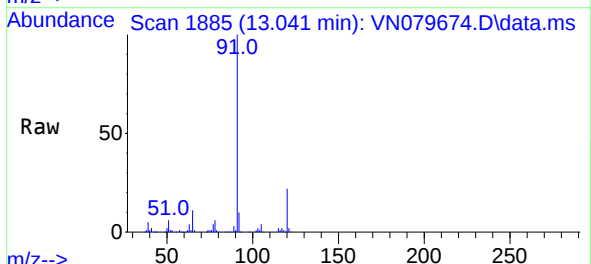
Tgt Ion:156 Resp: 60390
Ion Ratio Lower Upper
156 100
77 225.5 0.0 448.2
158 97.2 0.0 194.8

Manual Integrations
APPROVED

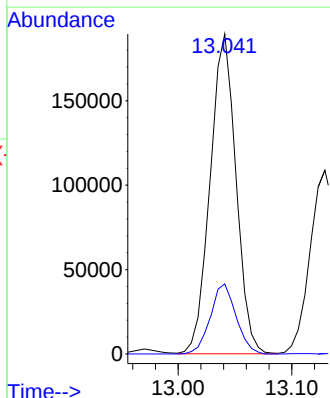
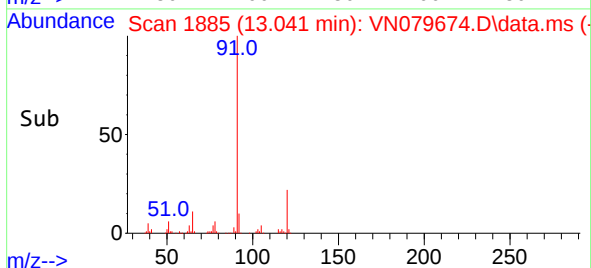
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

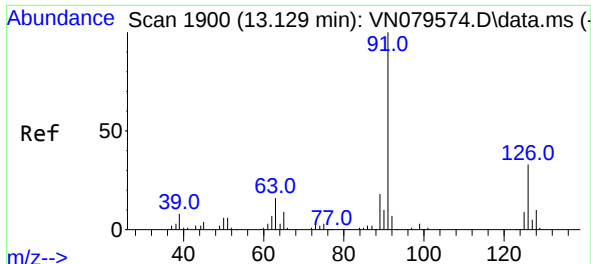


#74
n-propylbenzene
Concen: 20.552 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



Tgt Ion: 91 Resp: 300221
Ion Ratio Lower Upper
91 100
120 21.7 0.0 42.0





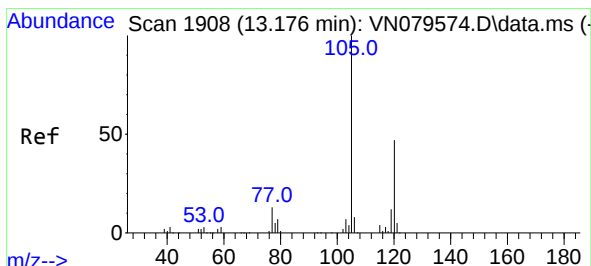
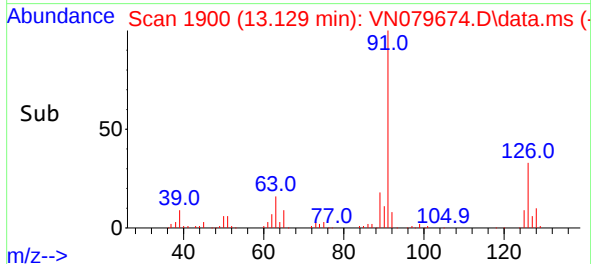
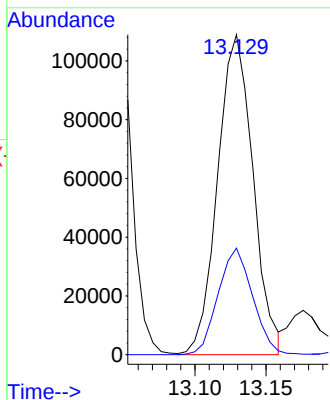
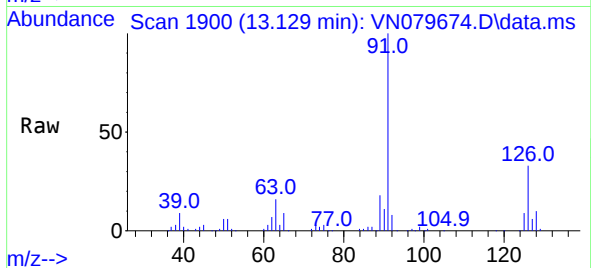
#75
2-Chlorotoluene
Concen: 20.799 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion: 91 Resp: 188879
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.6

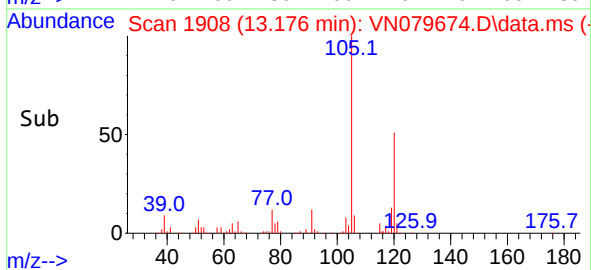
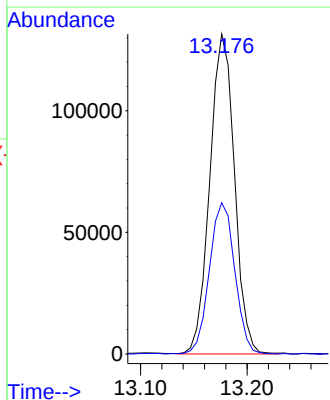
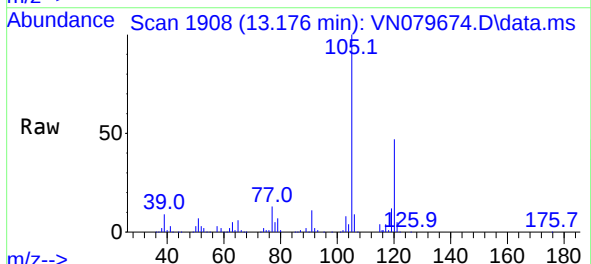
Manual Integrations
APPROVED

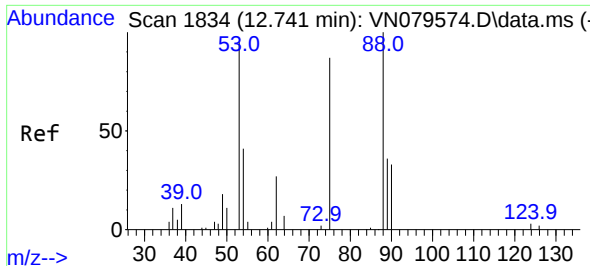
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.602 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion:105 Resp: 211320
Ion Ratio Lower Upper
105 100
120 48.6 0.0 93.2





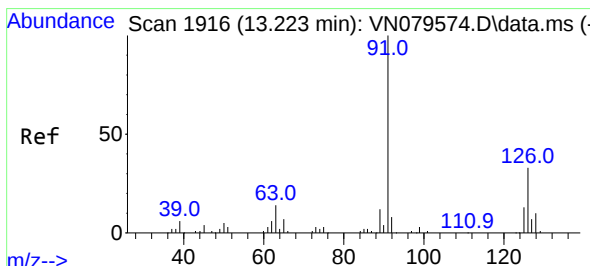
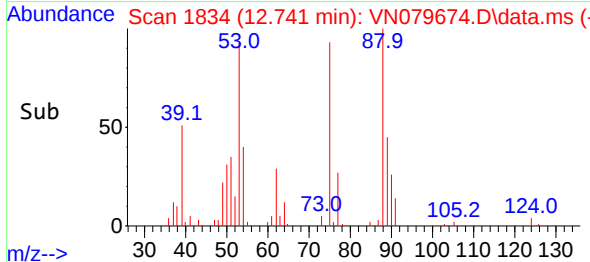
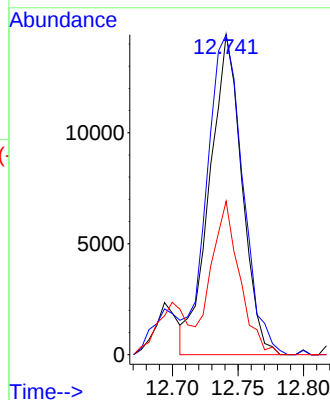
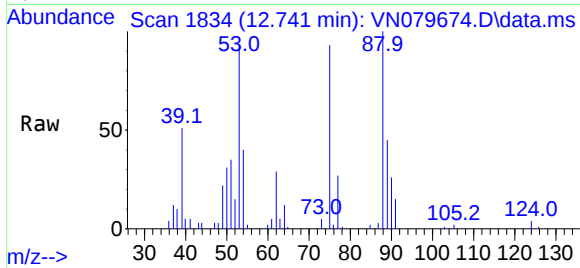
#77
t-1,4-Dichloro-2-butene
Concen: 19.953 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion: 75 Resp: 2467
Ion Ratio Lower Upper
75 100
53 98.7 53.0 159.1
89 47.9 22.6 67.7

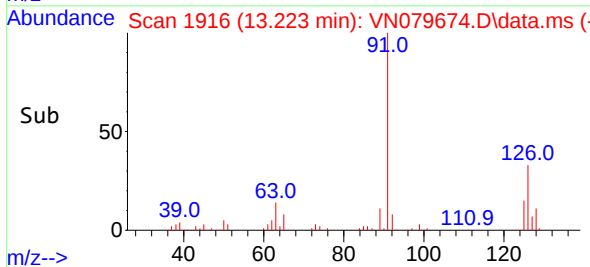
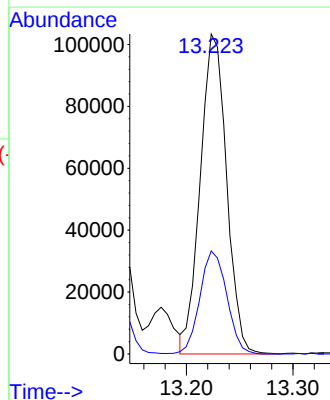
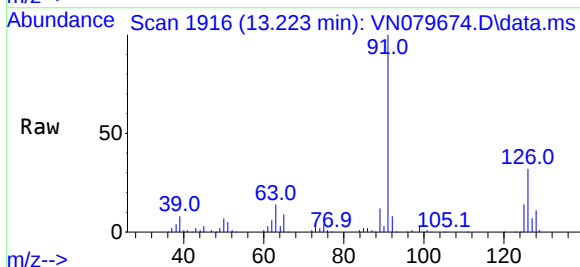
Manual Integrations
APPROVED

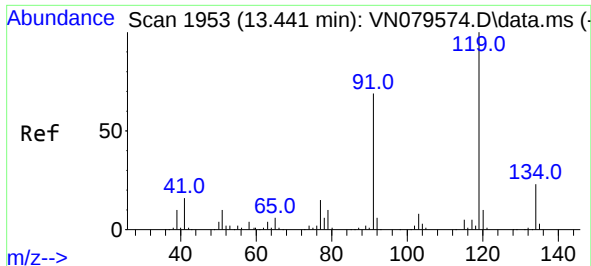
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#78
4-Chlorotoluene
Concen: 20.714 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion: 91 Resp: 177737
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.4





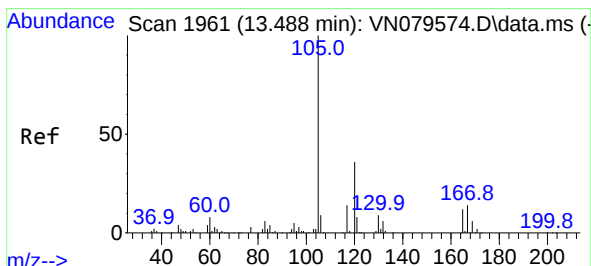
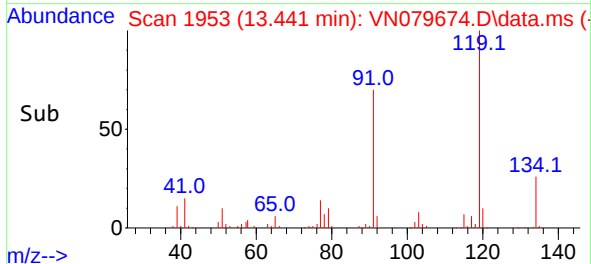
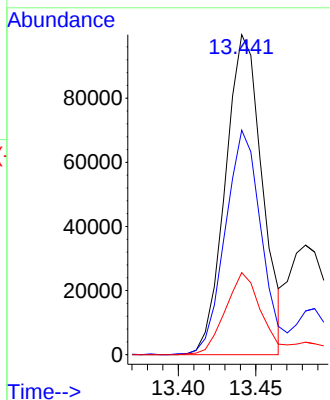
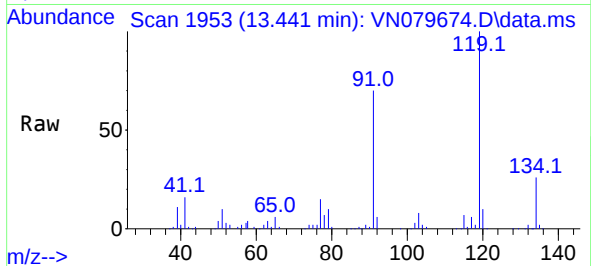
#79
tert-butylbenzene
Concen: 19.976 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion:119 Resp: 16474
Ion Ratio Lower Upper
119 100
91 69.4 0.0 140.6
134 25.1 0.0 49.8

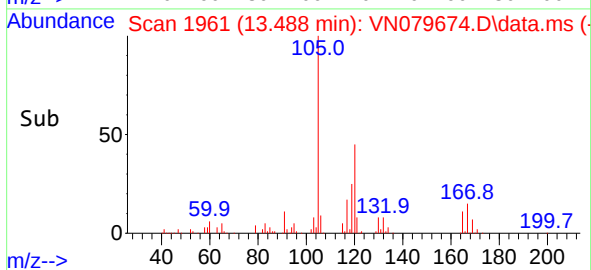
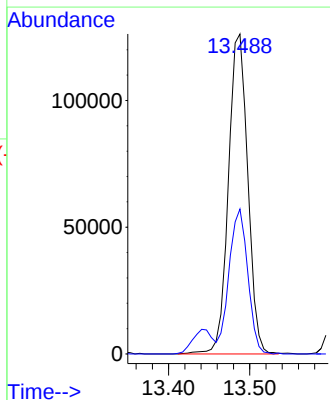
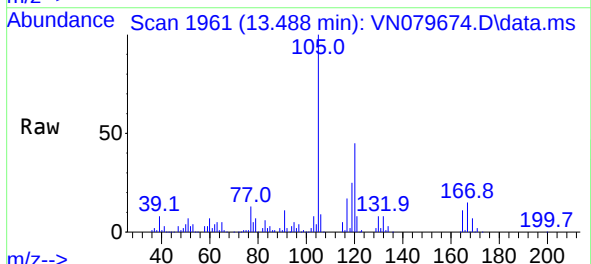
Manual Integrations
APPROVED

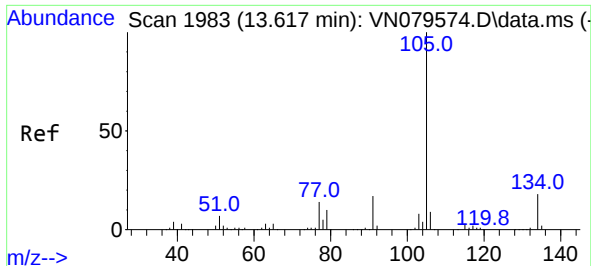
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.014 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion:105 Resp: 208851
Ion Ratio Lower Upper
105 100
120 43.8 0.0 88.6





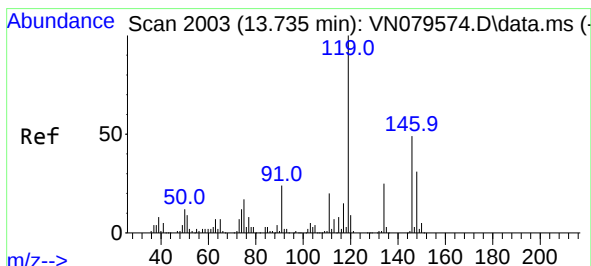
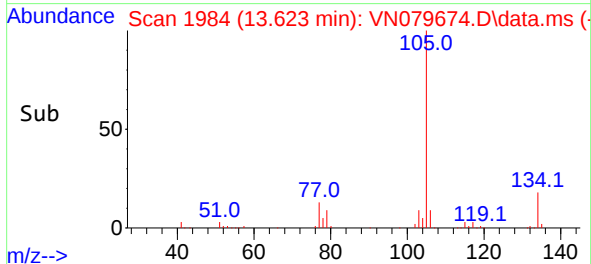
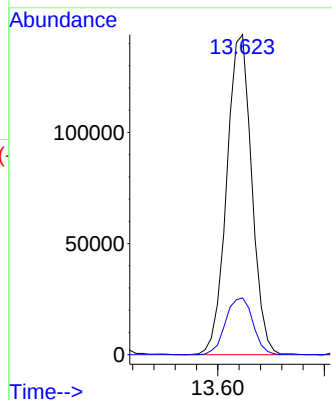
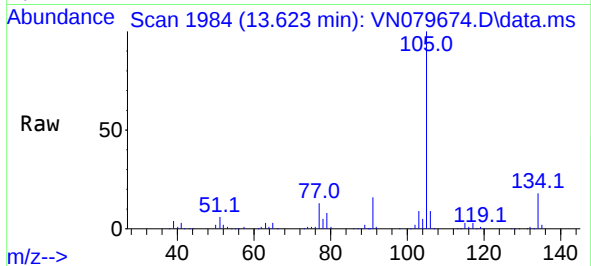
#81
 sec-Butylbenzene
 Concen: 20.276 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN079674.D
 Acq: 25 Oct 2023 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBSD01

Tgt Ion:105 Resp: 23474
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.2

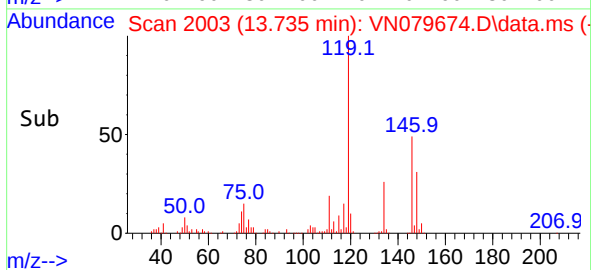
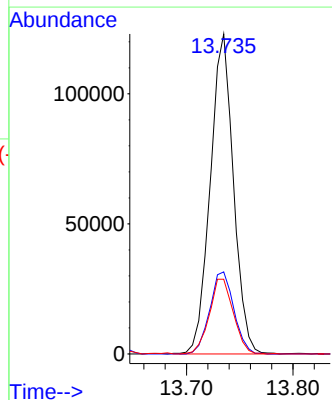
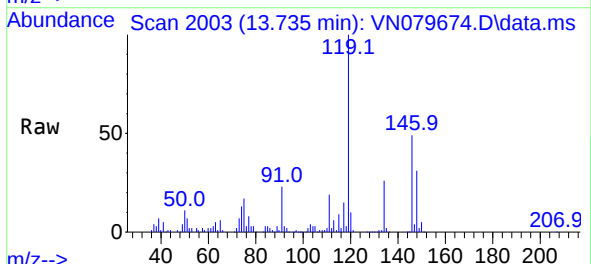
Manual Integrations
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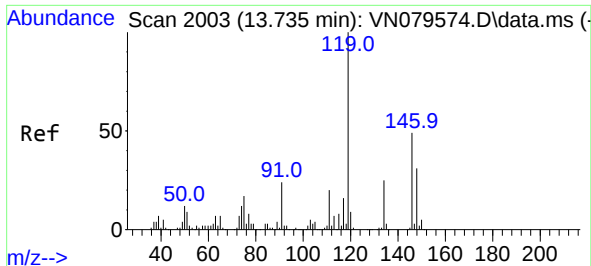
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#82
 p-Isopropyltoluene
 Concen: 20.251 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079674.D
 Acq: 25 Oct 2023 11:41

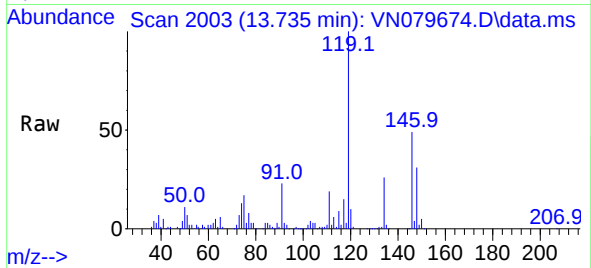
Tgt Ion:119 Resp: 185979
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.2
 91 24.3 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 21.172 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

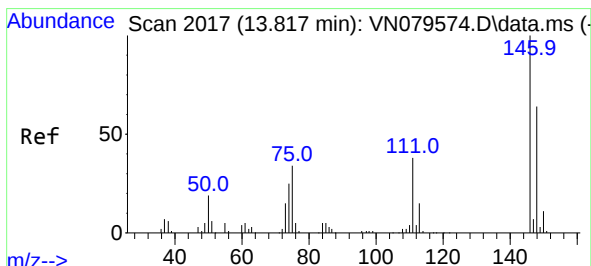
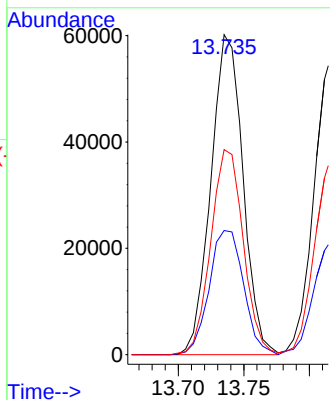
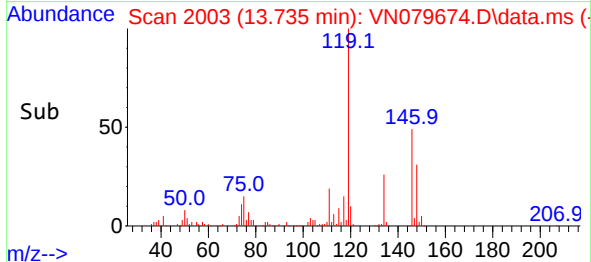
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



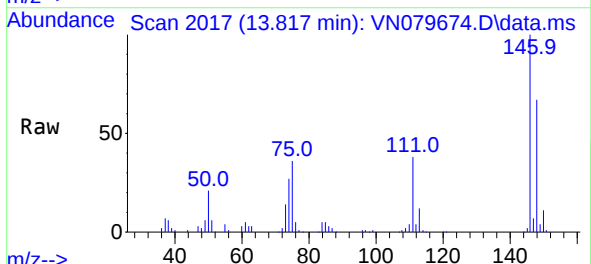
Tgt Ion:146 Resp: 102614
Ion Ratio Lower Upper
146 100
111 41.6 21.0 63.0
148 64.8 32.4 97.0

Manual Integrations
APPROVED

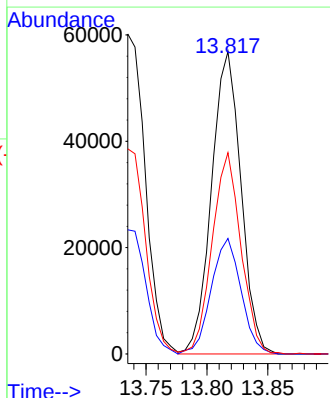
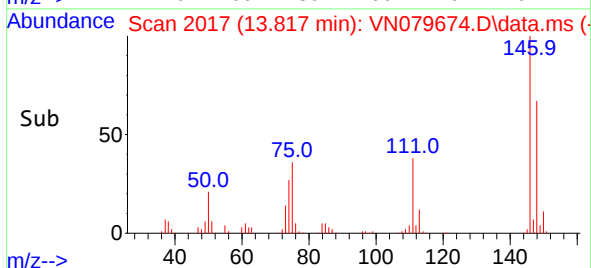
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

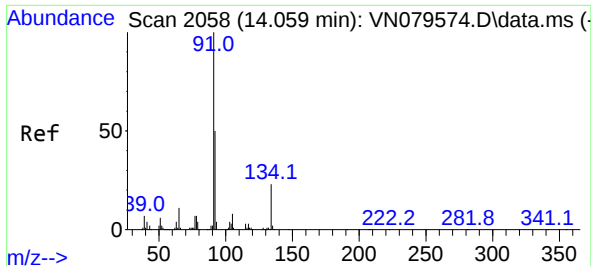


#84
1,4-Dichlorobenzene
Concen: 20.605 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



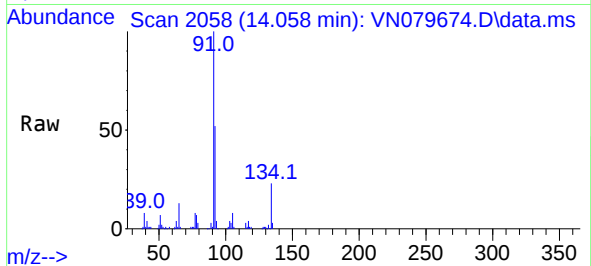
Tgt Ion:146 Resp: 95741
Ion Ratio Lower Upper
146 100
111 38.7 19.9 59.7
148 65.1 32.6 97.7





#85
n-Butylbenzene
Concen: 19.059 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

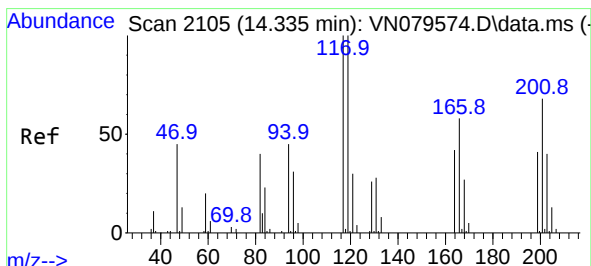
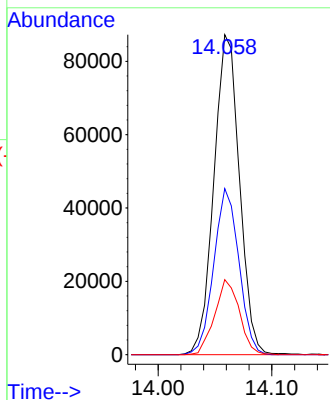
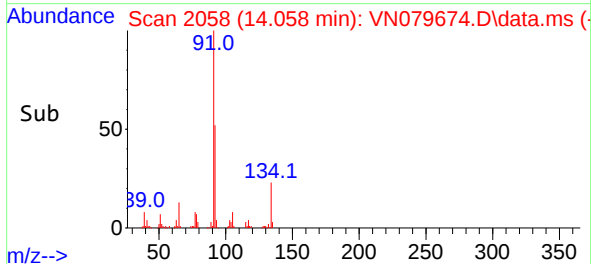
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion: 91 Resp: 136752
Ion Ratio Lower Upper
91 100
92 50.9 0.0 99.6
134 22.6 0.0 46.2

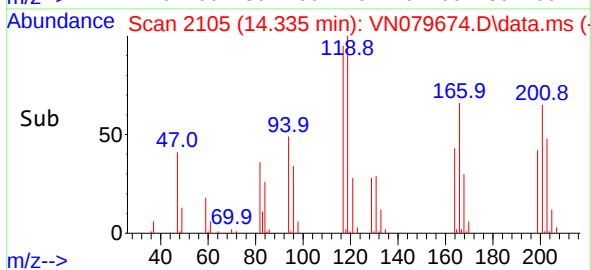
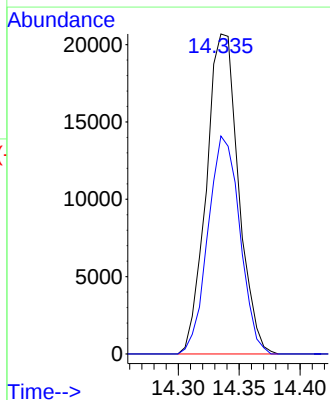
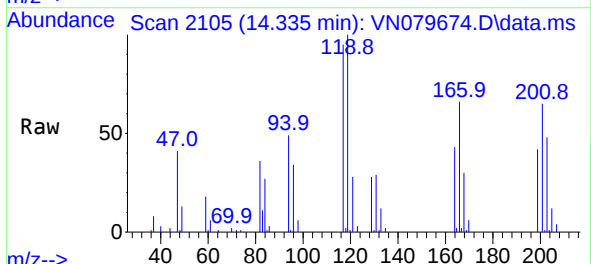
Manual Integrations
APPROVED

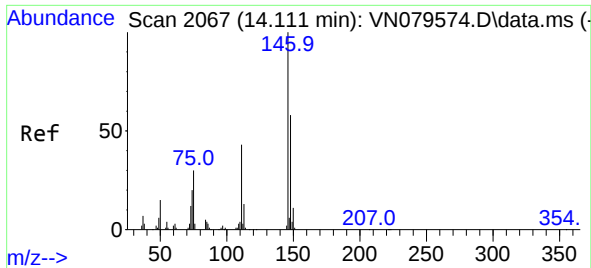
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#86
Hexachloroethane
Concen: 19.153 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion:117 Resp: 38026
Ion Ratio Lower Upper
117 100
201 67.5 32.5 97.5





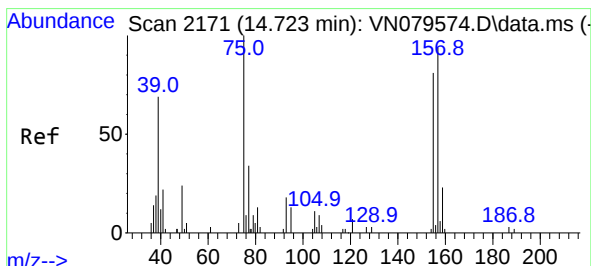
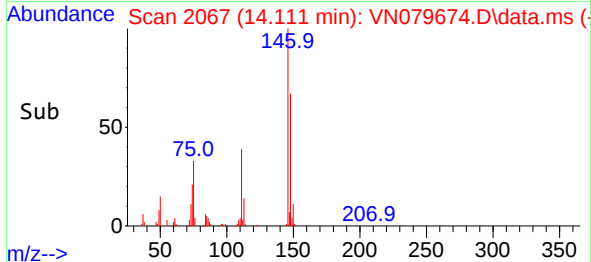
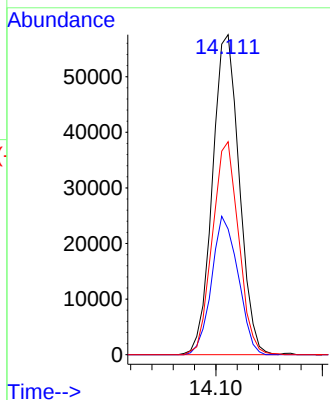
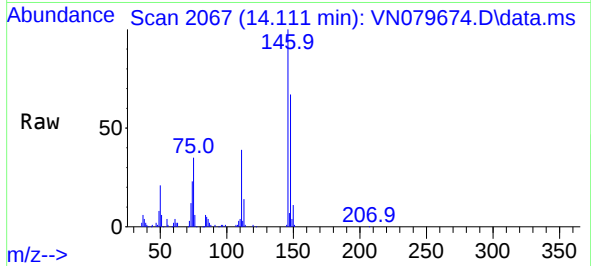
#87
1,2-Dichlorobenzene
Concen: 20.831 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01

Tgt Ion:146 Resp: 10035
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 65.2 31.1 93.5

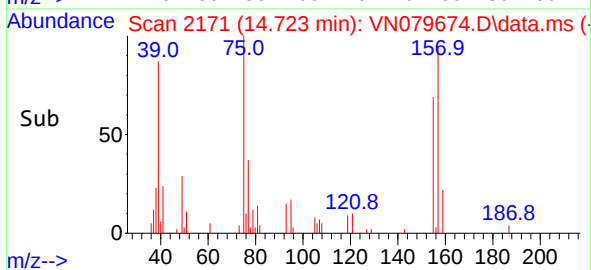
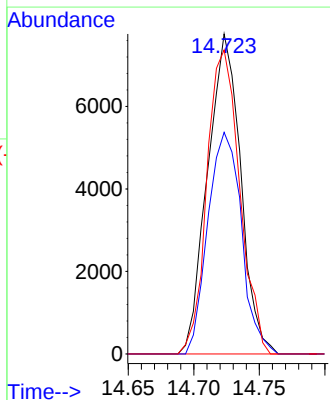
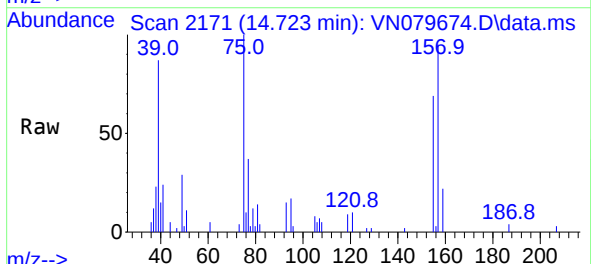
Manual Integrations
APPROVED

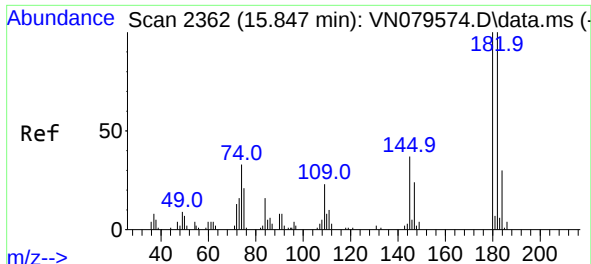
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.972 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

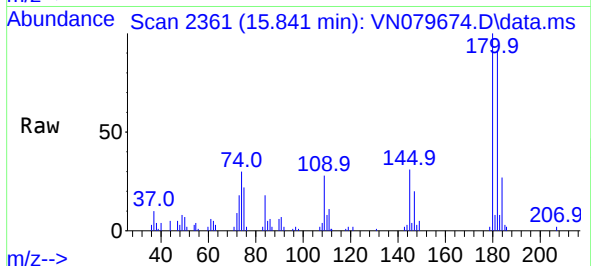
Tgt Ion: 75 Resp: 13577
Ion Ratio Lower Upper
75 100
155 70.5 60.7 91.1
157 94.3 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 17.060 ug/l
RT: 15.841 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

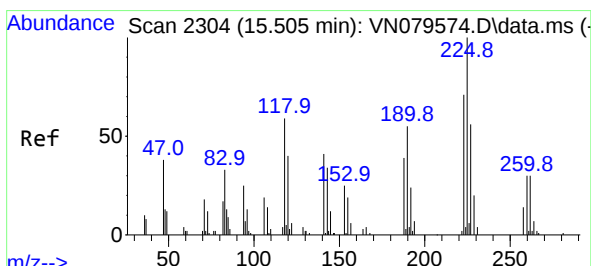
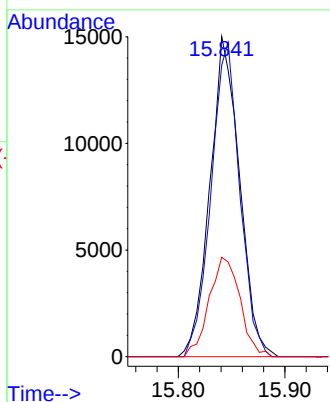
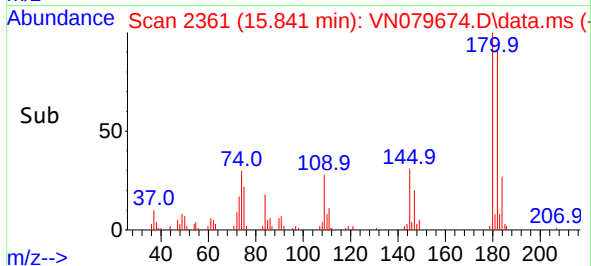
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



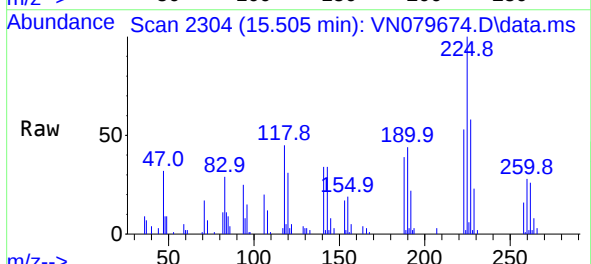
Tgt Ion:180 Resp: 28968
Ion Ratio Lower Upper
180 100
182 94.7 74.2 111.4
145 32.4 25.4 38.2

Manual Integrations
APPROVED

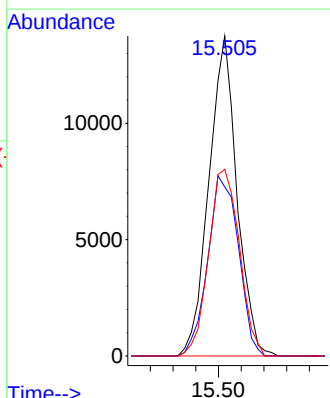
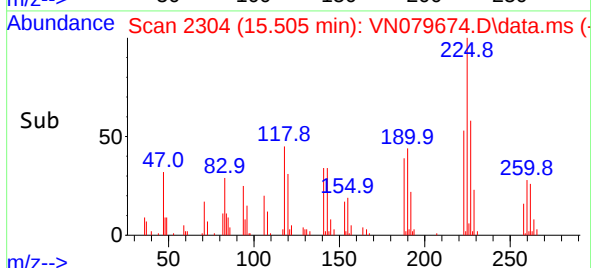
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

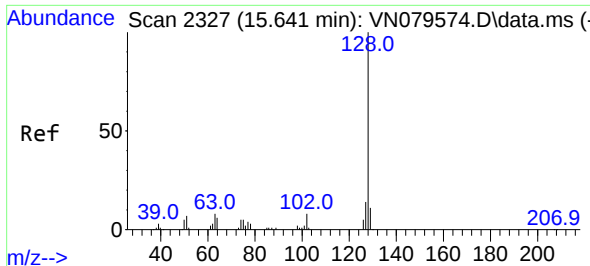


#90
Hexachlorobutadiene
Concen: 19.627 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41



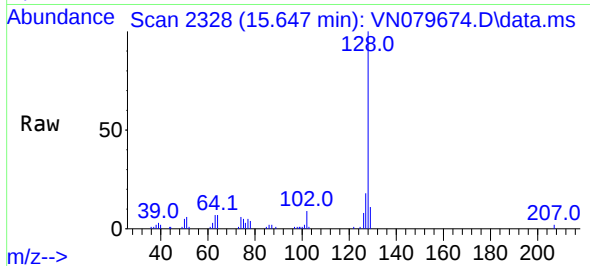
Tgt Ion:225 Resp: 23607
Ion Ratio Lower Upper
225 100
223 61.6 0.0 126.0
227 63.9 0.0 127.0





#91
Naphthalene
Concen: 14.370 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

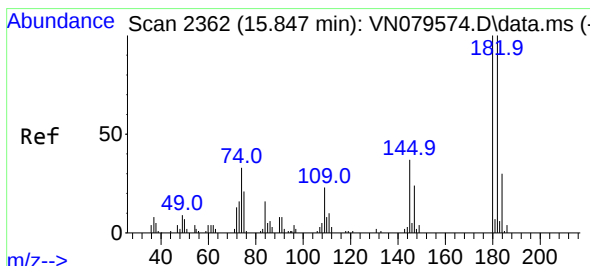
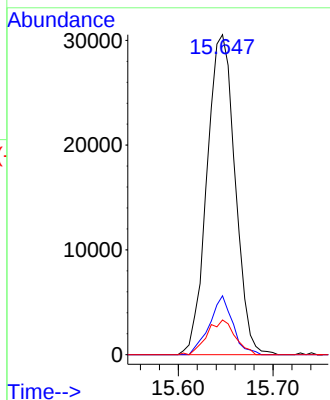
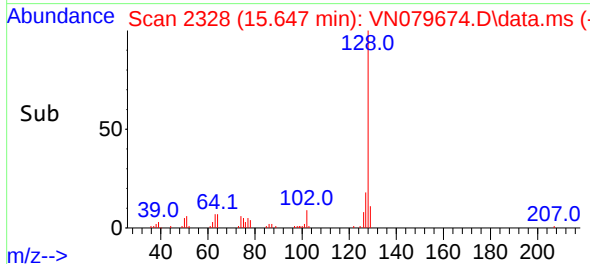
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBSD01



Tgt Ion:128 Resp: 6294
Ion Ratio Lower Upper
128 100
127 15.3 10.9 16.3
129 10.7 8.6 12.8

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.060 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079674.D
Acq: 25 Oct 2023 11:41

Tgt Ion:180 Resp: 28968
Ion Ratio Lower Upper
180 100
182 94.7 0.0 185.6
145 32.4 0.0 63.6

