

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079673.D
 Acq On : 25 Oct 2023 11:07
 Operator : JC\MD
 Sample : VN1025WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 26 01:33:41 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	7.824	128	24352	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	173717	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	217805	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	107228	30.970	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.233%			
60) 4-Bromofluorobenzene	12.853	95	128524	32.268	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 107.567%			
63) Toluene-d8	10.571	98	285183	30.556	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.867%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	67699	19.170	ug/l	98
3) Chloromethane	2.365	50	84008	18.354	ug/l	100
4) Vinyl Chloride	2.518	62	91649	18.553	ug/l	98
5) Bromomethane	2.959	94	51362	16.769	ug/l	97
6) Chloroethane	3.124	64	57711	16.598	ug/l #	81
7) Trichlorofluoromethane	3.506	101	123781	20.535	ug/l	96
8) Diethyl Ether	3.965	74	41971	19.212	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	72351	20.979	ug/l	95
10) 1,1-Dichloroethene	4.342	96	63554	19.369	ug/l	92
11) Methyl Iodide	4.594	142	75183	20.695	ug/l	92
12) Methyl Acetate	5.030	43	151270	19.124	ug/l	96
13) Acrolein	4.177	56	62525	95.622	ug/l	100
14) Acrylonitrile	5.724	53	178323	94.138	ug/l	96
15) Acetone	4.436	58	57331	95.540	ug/l	86
16) Carbon Disulfide	4.718	76	183800	18.370	ug/l	98
17) Allyl chloride	5.024	41	98656	19.502	ug/l	99
18) Methylene Chloride	5.283	84	83166	20.592	ug/l	98
19) trans-1,2-Dichloroethene	5.788	96	72015	19.618	ug/l	98
20) Diisopropyl ether	6.677	45	249642	20.811	ug/l	98
21) 1,1-Dichloroethane	6.571	63	151259	20.751	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	86089	20.361	ug/l	98
23) tert-Butyl Alcohol	5.518	59	53598	84.615	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	221533	20.122	ug/l	98
25) Chloroform	7.971	83	158583	21.531	ug/l	90
26) Cyclohexane	8.259	56	105885	19.216	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	112257	22.113	ug/l	99
30) 2-Butanone	7.488	43	255405	100.367	ug/l	99
31) 2,2-Dichloropropane	7.494	77	124697	21.785	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	132927	22.030	ug/l	99
33) Carbon Tetrachloride	8.365	117	117352	22.868	ug/l	94
34) Benzene	8.612	78	333603	21.629	ug/l	98
35) Methacrylonitrile	7.782	41	54608	20.400	ug/l	96
36) 1,2-Dichloroethane	8.671	62	124932	22.685	ug/l	99
37) Trichloroethene	9.353	130	77562	21.513	ug/l	95
38) Methylcyclohexane	9.606	83	95665	19.572	ug/l	97
39) 1,2-Dichloropropane	9.624	63	91213	22.409	ug/l	96
40) Dibromomethane	9.712	93	59359	22.221	ug/l	98
41) Bromodichloromethane	9.894	83	122880	22.197	ug/l #	98
42) Vinyl Acetate	6.606	43	642478	99.529	ug/l	100

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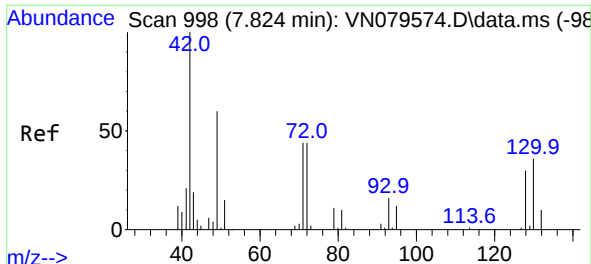
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	101702	21.254	ug/l	98
44) Isopropyl Acetate	8.694	43	164304	19.316	ug/l	96
45) 1,4-Dioxane	9.700	88	26332	395.472	ug/l	97
46) Methyl methacrylate	9.682	41	78197	20.722	ug/l	98
47) n-amyl Acetate	12.500	43	119223	19.421	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	120005	21.443	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	131351	21.464	ug/l	98
50) 1,1,2-Trichloroethane	11.023	97	79257	21.387	ug/l	98
51) Ethyl methacrylate	10.876	69	105179	20.572	ug/l	95
52) 1,3-Dichloropropane	11.165	76	145053	22.095	ug/l	100
53) Dibromochloromethane	11.359	129	85405	22.550	ug/l	99
54) 1,2-Dibromoethane	11.470	107	78526	21.479	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	184095	94.374	ug/l	98
56) Bromoform	12.582	173	54537	21.767	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	519626	102.284	ug/l	100
59) 2-Hexanone	11.200	43	367966	98.730	ug/l	98
61) Tetrachloroethene	11.106	164	66822	22.345	ug/l	95
62) Toluene	10.635	91	351848	21.137	ug/l	99
64) Chlorobenzene	11.894	112	203351	21.063	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	80625	21.923	ug/l	96
66) Ethyl Benzene	11.970	91	361123	21.056	ug/l	98
67) m/p-Xylenes	12.076	106	281314	44.347	ug/l	97
68) o-Xylene	12.400	106	127325	20.996	ug/l	96
69) Styrene	12.417	104	214233	22.253	ug/l	99
70) Isopropylbenzene	12.700	105	332243	21.348	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	113708	20.548	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	105745m	21.043	ug/l	
73) Bromobenzene	12.982	156	78380	21.439	ug/l	97
74) n-propylbenzene	13.041	91	397113	21.917	ug/l	99
75) 2-Chlorotoluene	13.129	91	250548	22.243	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	282644	22.216	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	30946	20.177	ug/l	98
78) 4-Chlorotoluene	13.223	91	235605	22.138	ug/l	99
79) tert-butylbenzene	13.441	119	229467	22.433	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	268040	21.743	ug/l	99
81) sec-Butylbenzene	13.617	105	304745	21.222	ug/l	99
82) p-Isopropyltoluene	13.735	119	248378	21.805	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	134957	22.449	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	124058	21.526	ug/l	98
85) n-Butylbenzene	14.059	91	186407	20.945	ug/l	100
86) Hexachloroethane	14.335	117	50697	20.587	ug/l	95
87) 1,2-Dichlorobenzene	14.111	146	130032	21.761	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	16483	19.548	ug/l	97
89) 1,2,4-Trichlorobenzene	15.847	180	35398	16.807	ug/l	94
90) Hexachlorobutadiene	15.506	225	31715	21.259	ug/l	98
91) Naphthalene	15.647	128	76501	14.081	ug/l #	96
92) 1,2,3-Trichlorobenzene	15.847	180	35398	16.807	ug/l	94

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



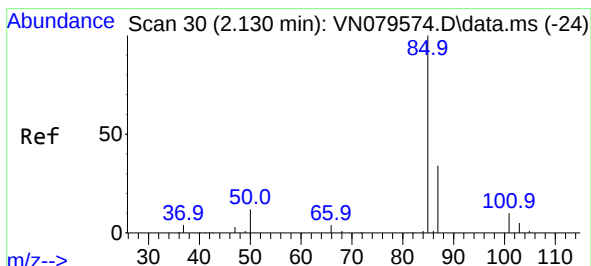
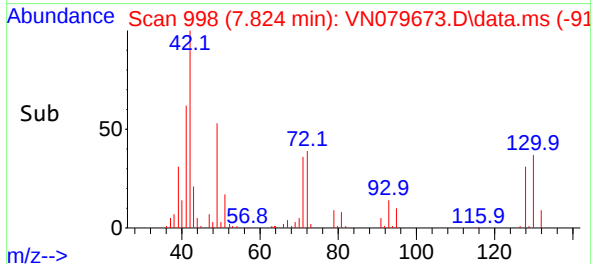
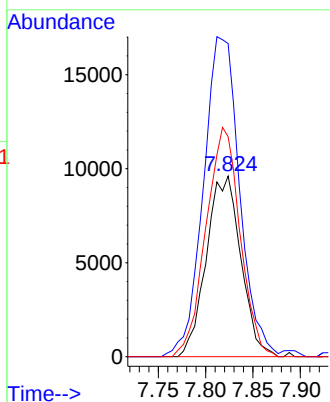
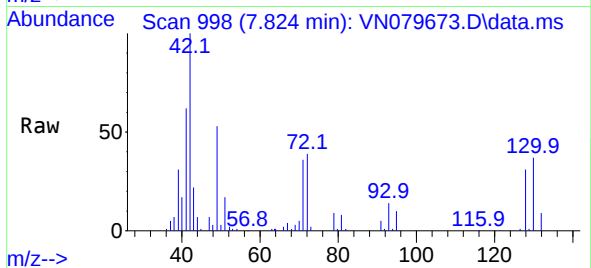
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
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VN1025WBS01

Tgt Ion:128 Resp: 24352
Ion Ratio Lower Upper
128 100
49 185.5 0.0 468.5
130 125.5 0.0 320.7

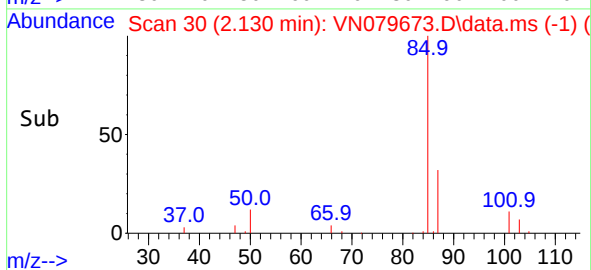
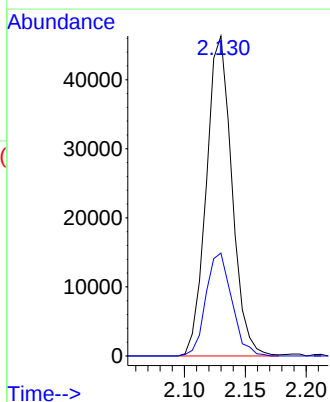
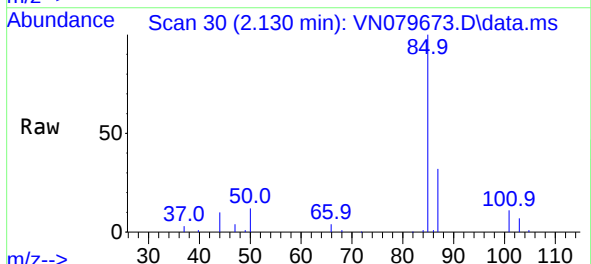
Manual Integrations
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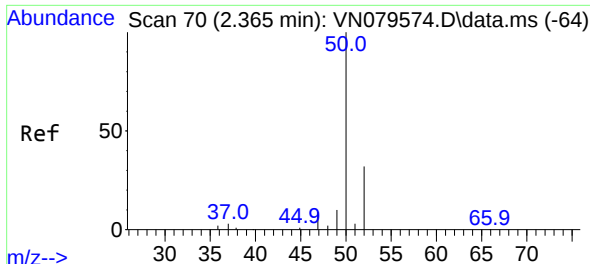
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#2
Dichlorodifluoromethane
Concen: 19.170 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

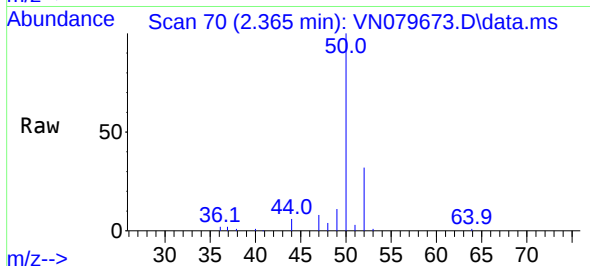
Tgt Ion: 85 Resp: 67699
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.7





#3
Chloromethane
Concen: 18.354 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

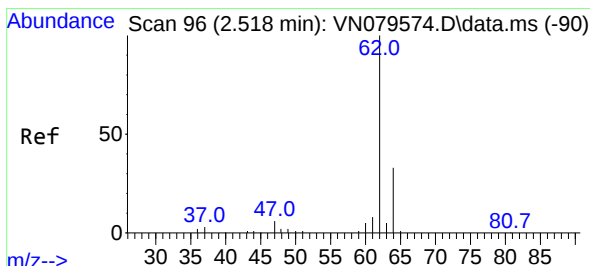
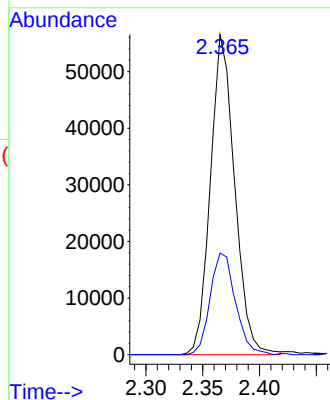
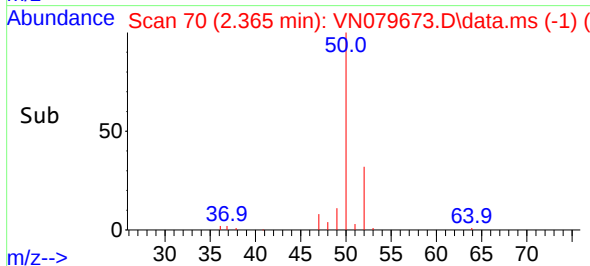
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



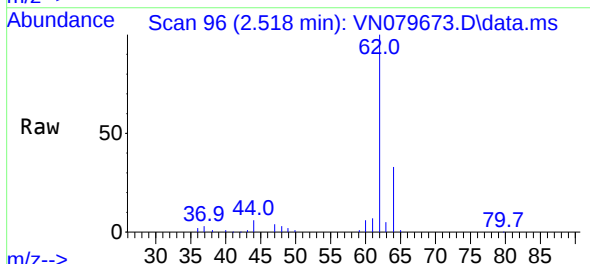
Tgt Ion: 50 Resp: 84008
Ion Ratio Lower Upper
50 100
52 31.8 25.6 38.4

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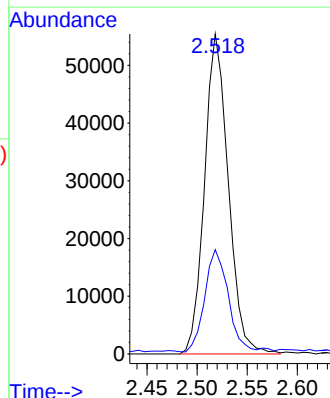
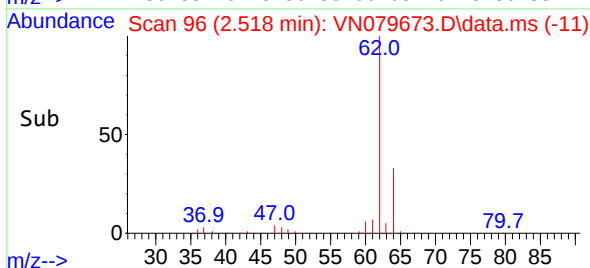
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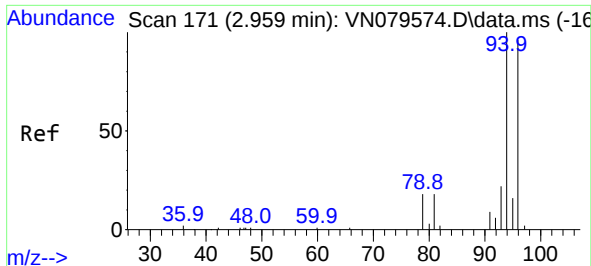


#4
Vinyl Chloride
Concen: 18.553 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



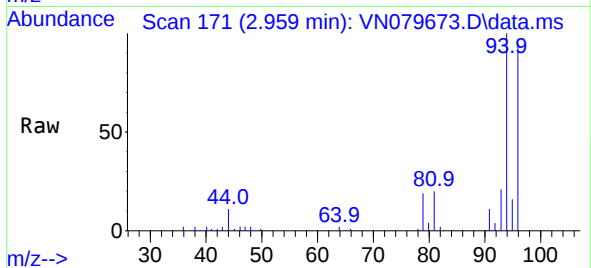
Tgt Ion: 62 Resp: 91649
Ion Ratio Lower Upper
62 100
64 31.9 26.4 39.6





#5
Bromomethane
Concen: 16.769 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

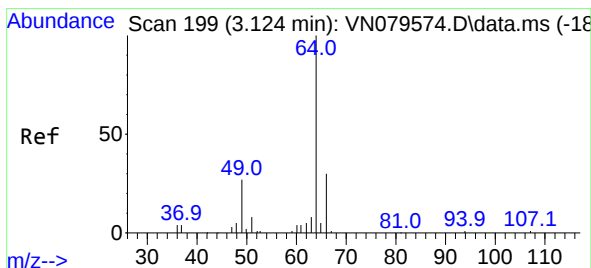
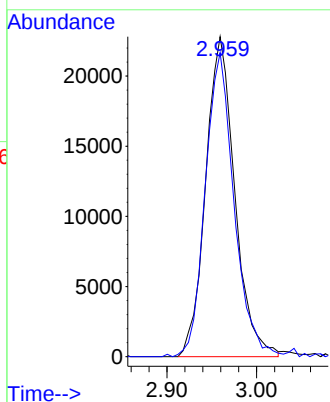
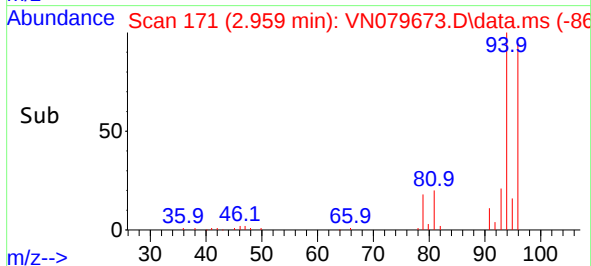
Instrument :
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ClientSampleId :
VN1025WBS01



Tgt Ion: 94 Resp: 51362
Ion Ratio Lower Upper
94 100
96 94.3 77.8 116.6

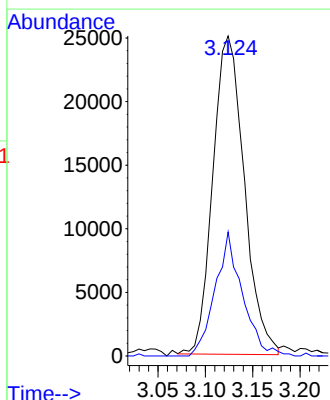
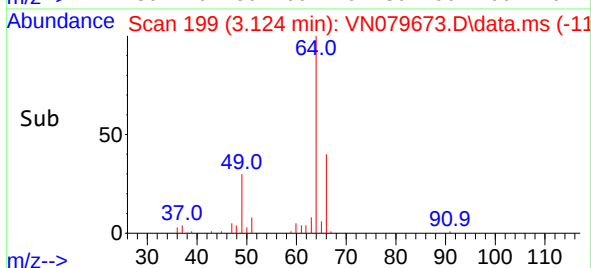
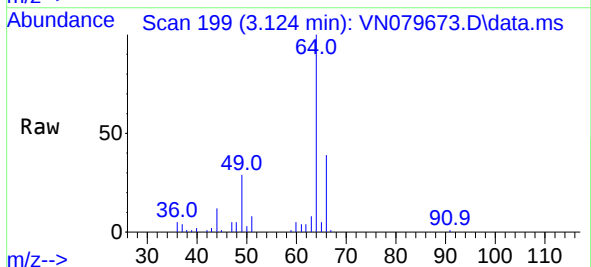
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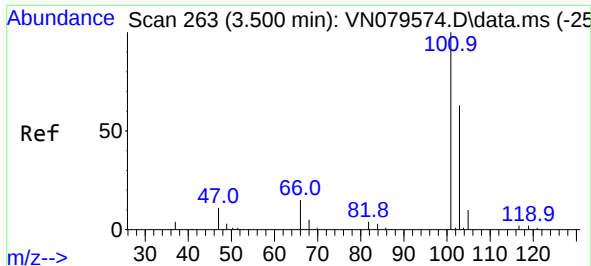
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#6
Chloroethane
Concen: 16.598 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

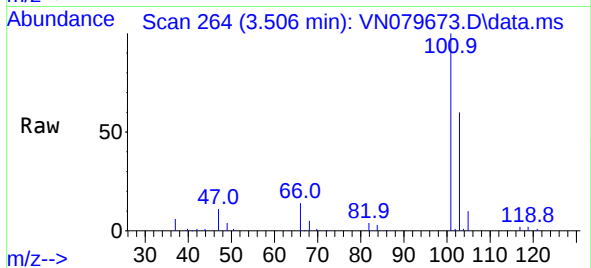
Tgt Ion: 64 Resp: 57711
Ion Ratio Lower Upper
64 100
66 39.0 23.3 34.9#





#7
Trichlorofluoromethane
Concen: 20.535 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

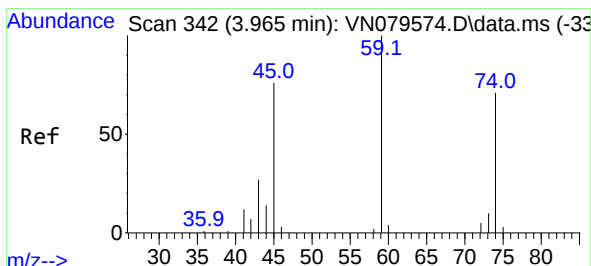
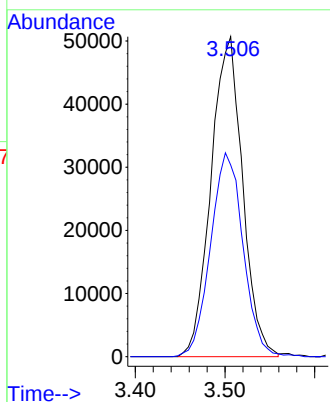
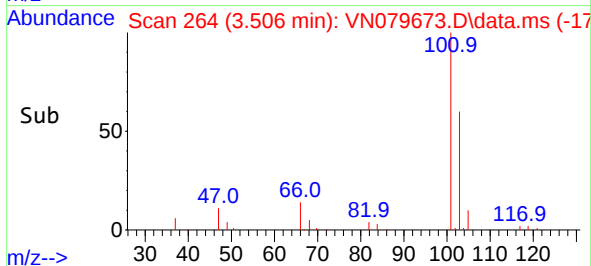
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Tgt Ion:101 Resp: 12378
Ion Ratio Lower Upper
101 100
103 59.6 49.9 74.9

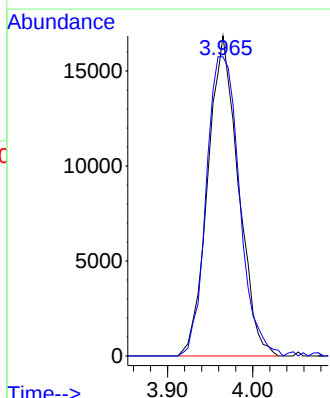
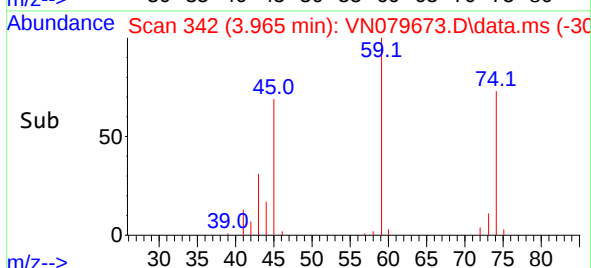
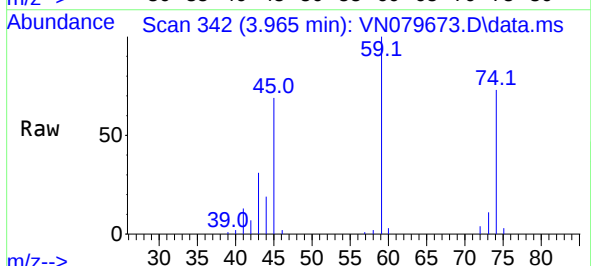
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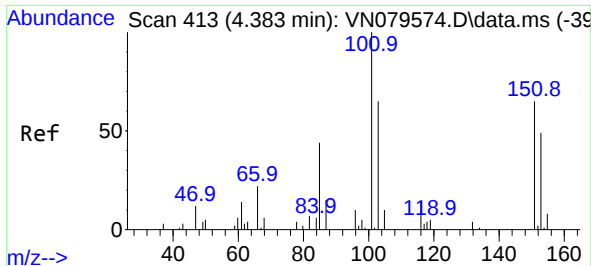
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#8
Diethyl Ether
Concen: 19.212 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Tgt Ion: 74 Resp: 41971
Ion Ratio Lower Upper
74 100
45 101.3 19.0 171.0





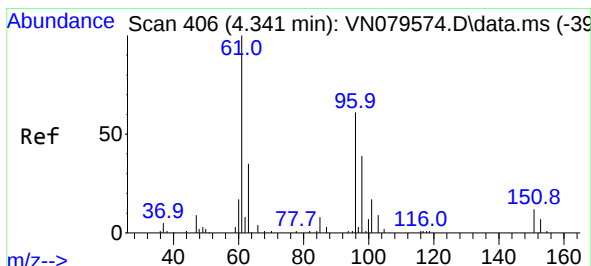
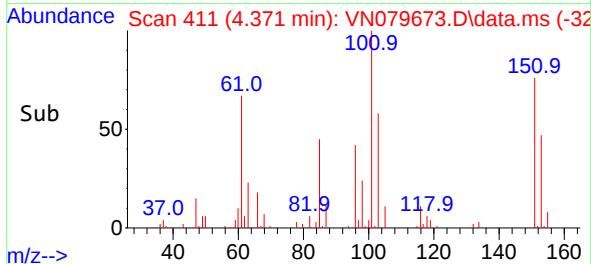
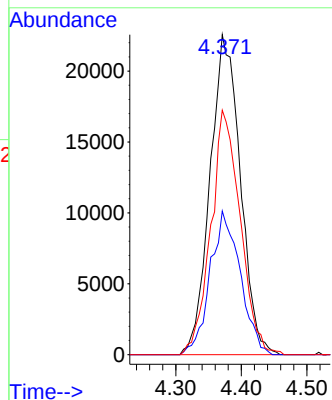
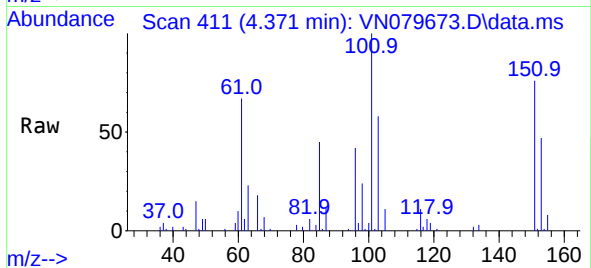
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1,1,2-Trichlorotrifluoroethane
Concen: 20.979 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion:101 Resp: 7235
Ion Ratio Lower Upper
101 100
85 44.6 0.0 92.0
151 74.2 0.0 138.4

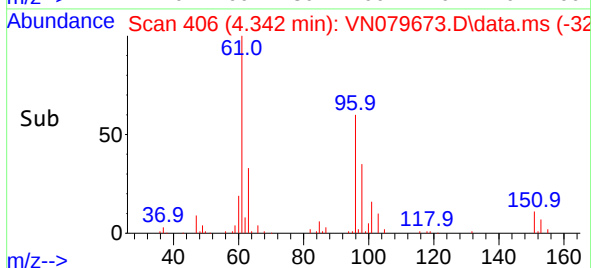
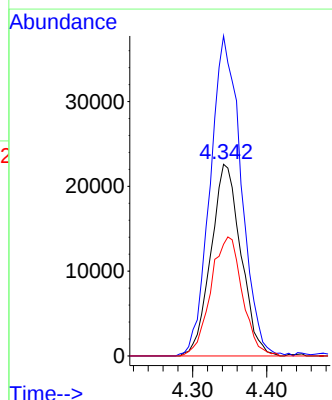
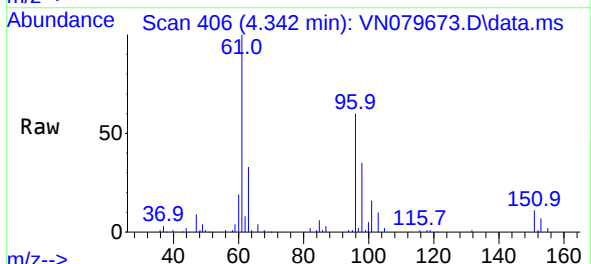
Manual Integrations
APPROVED

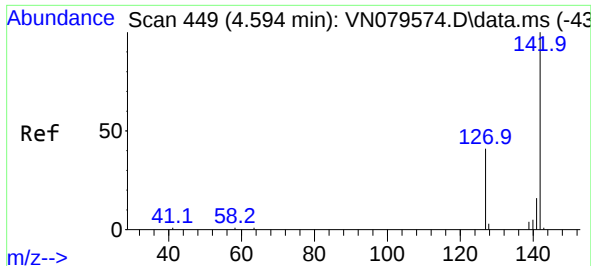
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#10
1,1-Dichloroethene
Concen: 19.369 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

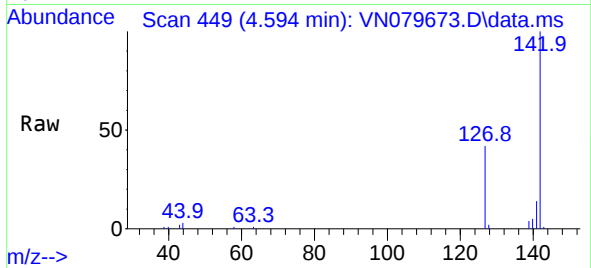
Tgt Ion: 96 Resp: 63554
Ion Ratio Lower Upper
96 100
61 165.9 141.3 211.9
98 58.3 53.2 79.8





#11
Methyl Iodide
Concen: 20.695 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

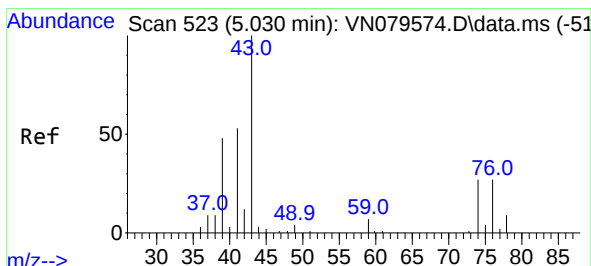
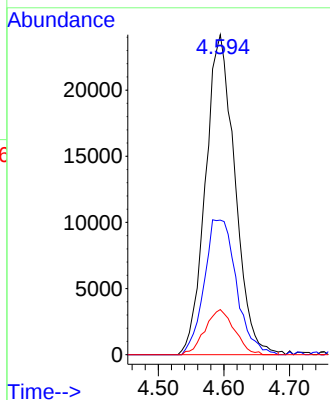
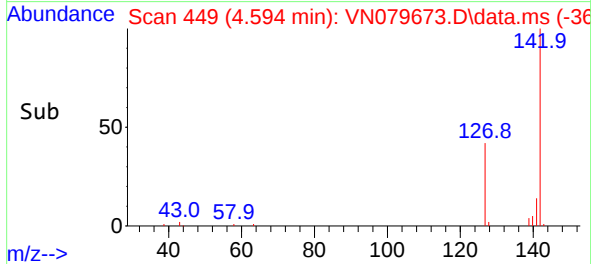
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



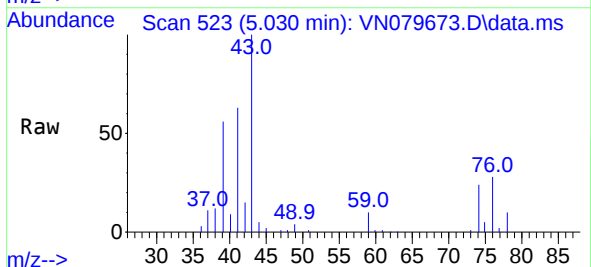
Tgt Ion:142 Resp: 7518
Ion Ratio Lower Upper
142 100
127 42.3 24.6 73.8
141 14.2 7.7 23.1

Manual Integrations
APPROVED

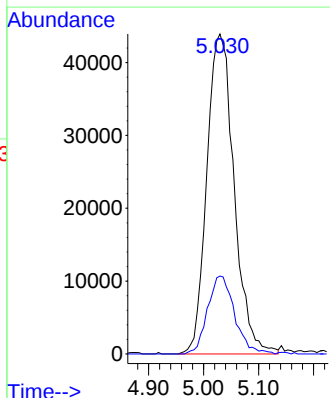
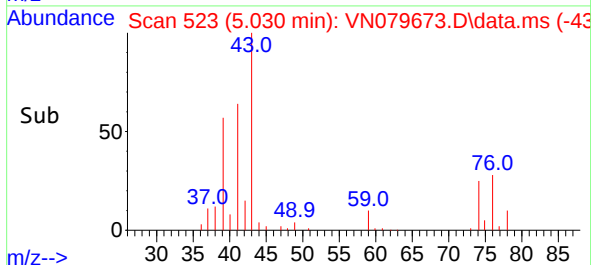
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

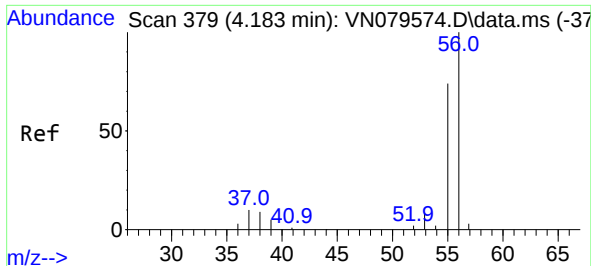


#12
Methyl Acetate
Concen: 19.124 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



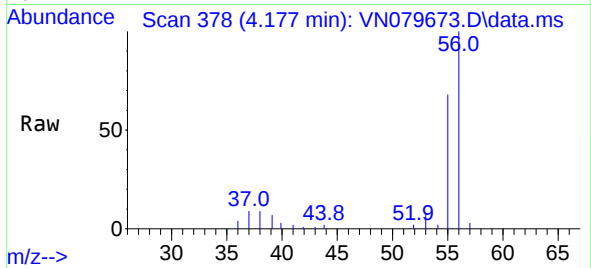
Tgt Ion: 43 Resp: 151270
Ion Ratio Lower Upper
43 100
74 24.3 18.1 27.1





#13
Acrolein
Concen: 95.622 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

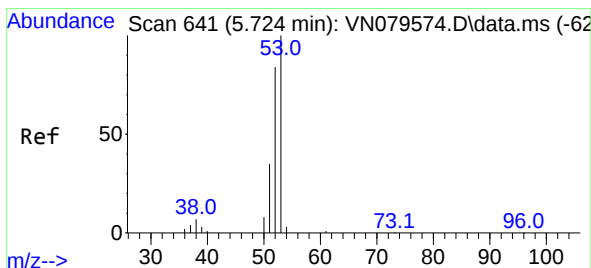
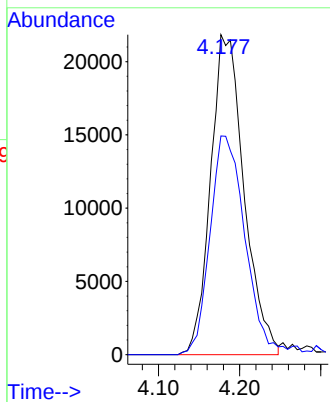
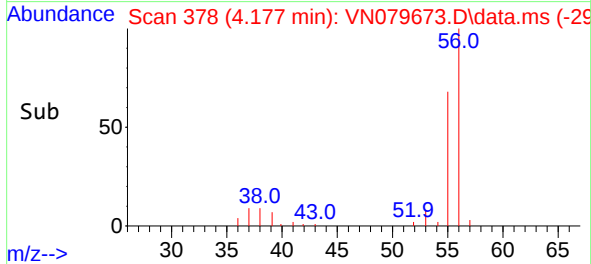
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



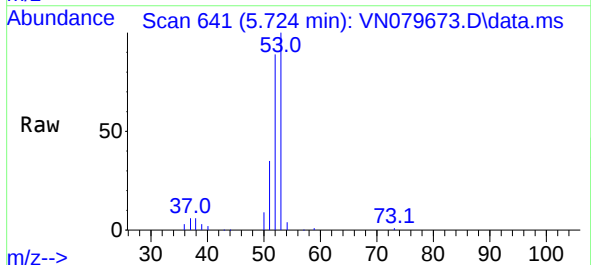
Tgt Ion: 56 Resp: 6252
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

Manual Integrations
APPROVED

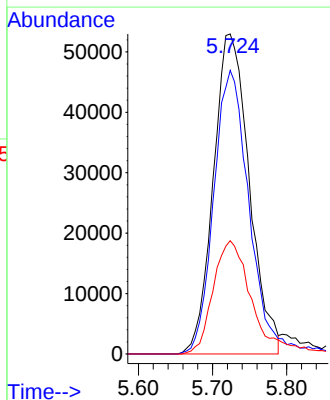
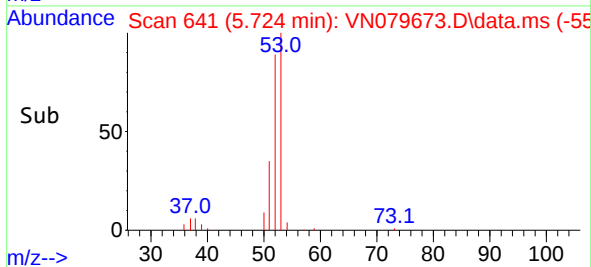
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

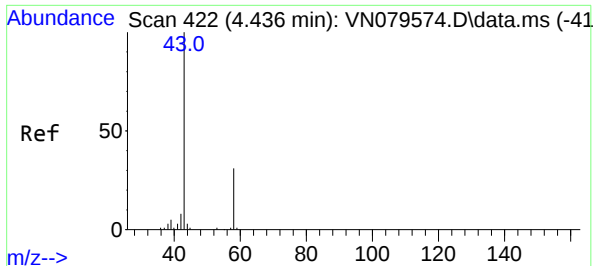


#14
Acrylonitrile
Concen: 94.138 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



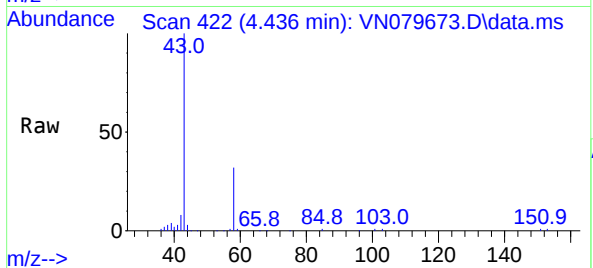
Tgt Ion: 53 Resp: 178323
Ion Ratio Lower Upper
53 100
52 86.3 41.6 124.9
51 38.4 17.8 53.3





#15
Acetone
Concen: 95.540 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

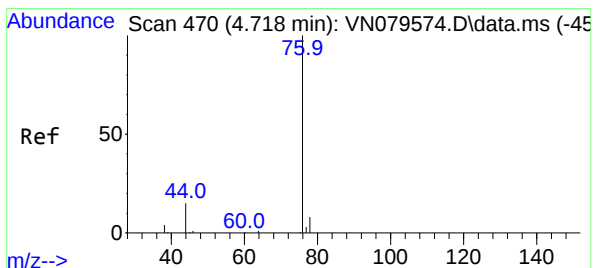
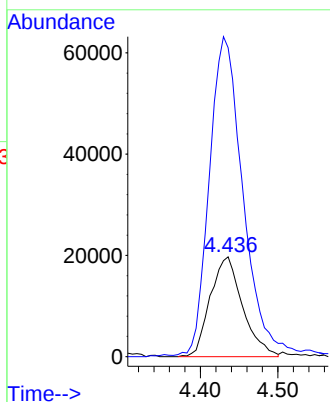
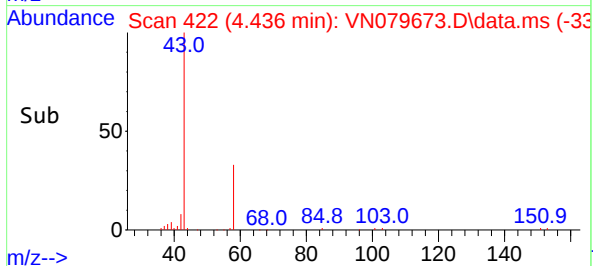
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



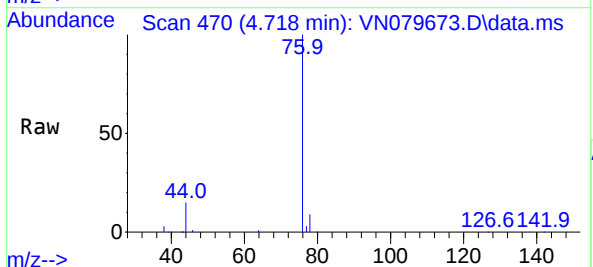
Tgt Ion: 58 Resp: 5733
Ion Ratio Lower Upper
58 100
43 307.2 225.2 337.8

Manual Integrations
APPROVED

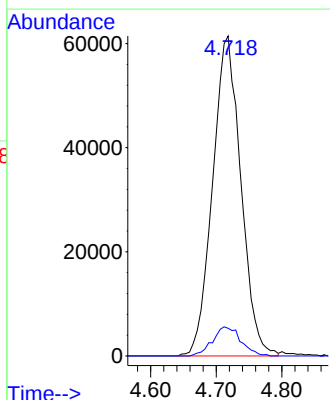
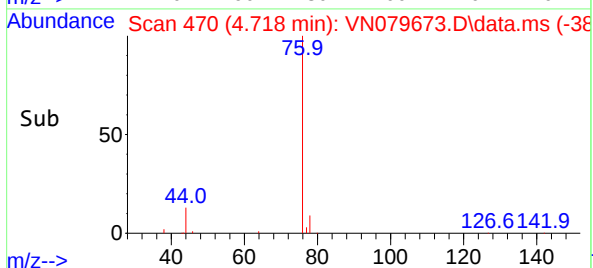
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

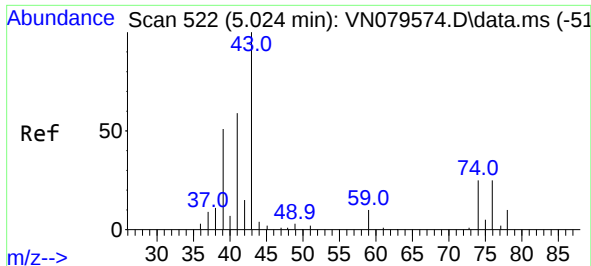


#16
Carbon Disulfide
Concen: 18.370 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



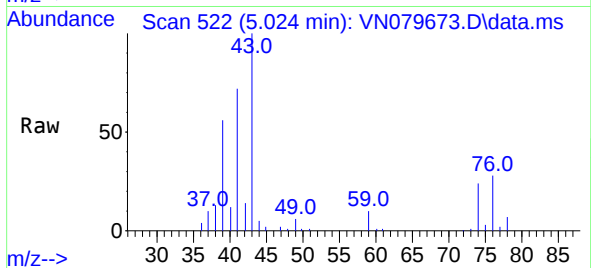
Tgt Ion: 76 Resp: 183800
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3





#17
 Allyl chloride
 Concen: 19.502 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079673.D
 Acq: 25 Oct 2023 11:07

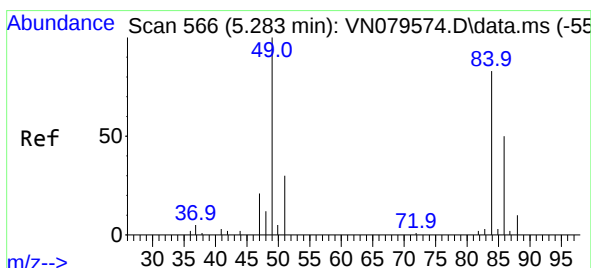
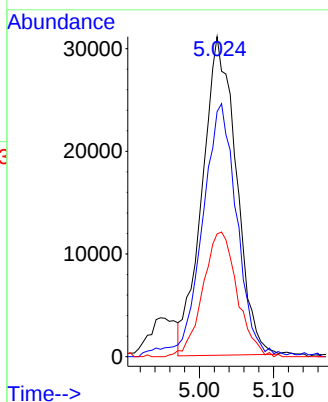
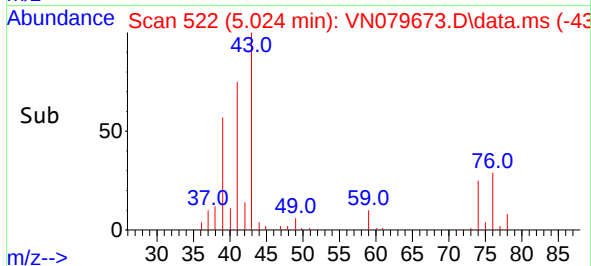
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBS01



Tgt Ion: 41 Resp: 98650
 Ion Ratio Lower Upper
 41 100
 39 75.7 38.4 115.2
 76 38.0 19.5 58.5

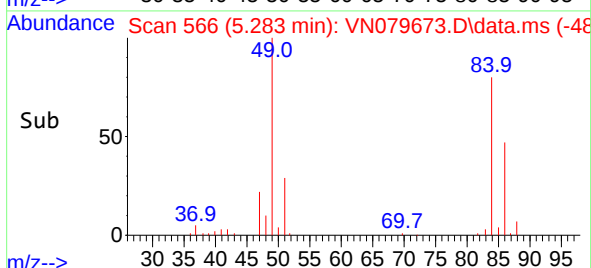
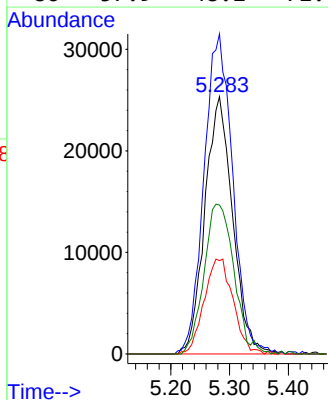
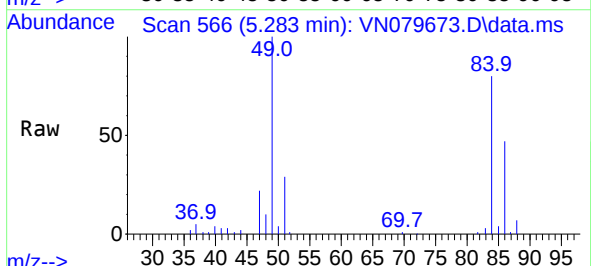
Manual Integrations
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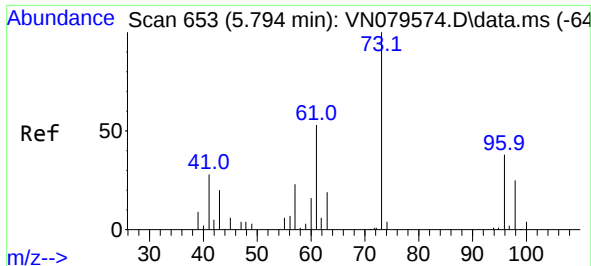
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#18
 Methylene Chloride
 Concen: 20.592 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079673.D
 Acq: 25 Oct 2023 11:07

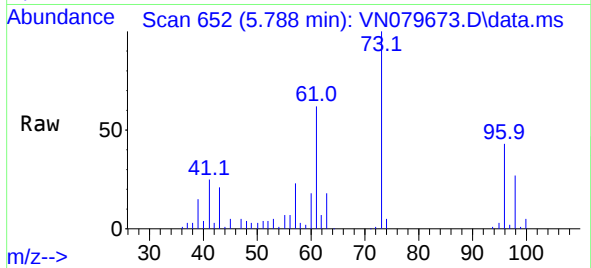
Tgt Ion: 84 Resp: 83166
 Ion Ratio Lower Upper
 84 100
 49 124.4 100.9 151.3
 51 36.3 29.4 44.2
 86 57.9 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 19.618 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

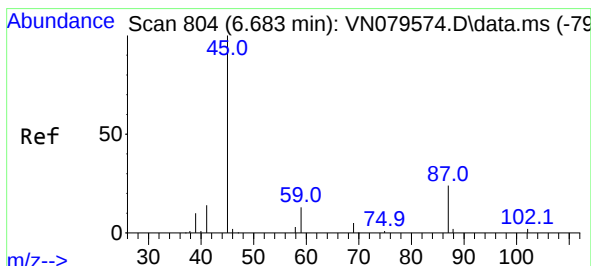
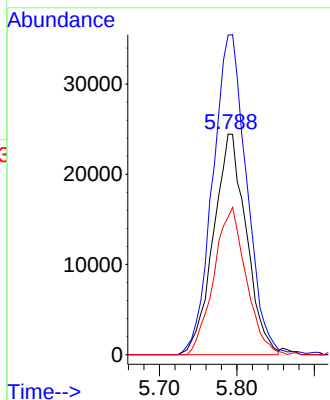
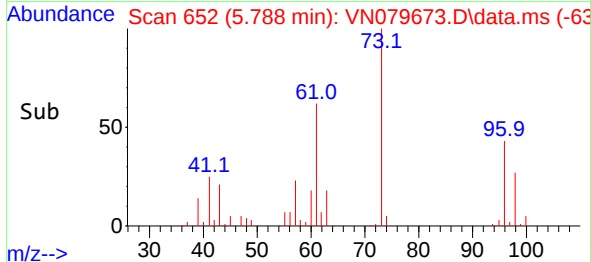
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



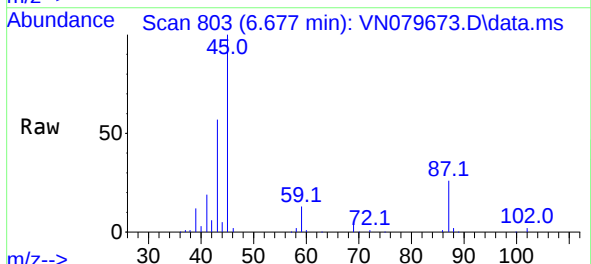
Tgt Ion: 96 Resp: 7201
Ion Ratio Lower Upper
96 100
61 144.8 113.4 170.0
98 62.3 50.4 75.6

Manual Integrations
APPROVED

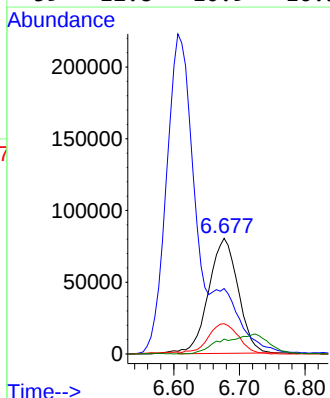
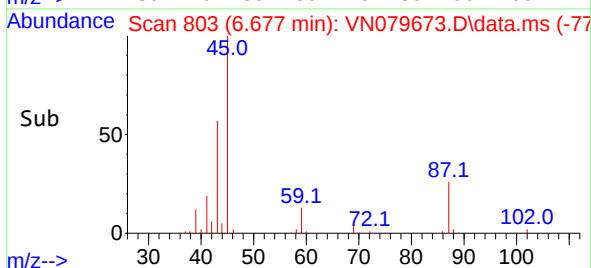
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

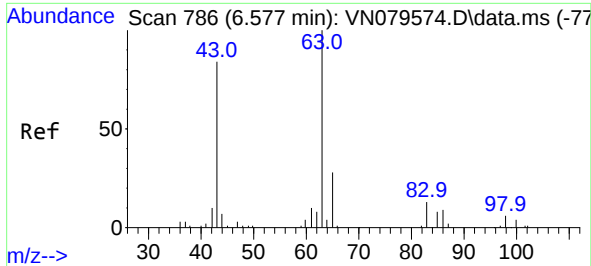


#20
Diisopropyl ether
Concen: 20.811 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



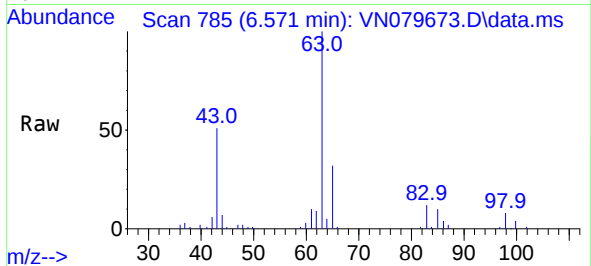
Tgt Ion: 45 Resp: 249642
Ion Ratio Lower Upper
45 100
43 54.2 42.1 63.1
87 26.3 20.5 30.7
59 12.8 10.9 16.3





#21
1,1-Dichloroethane
Concen: 20.751 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

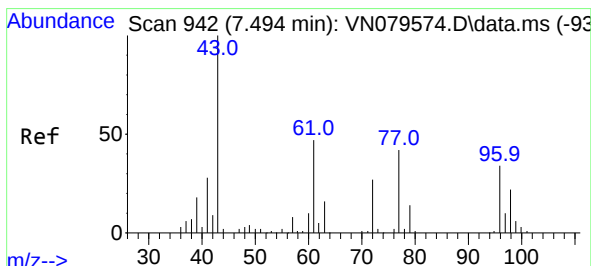
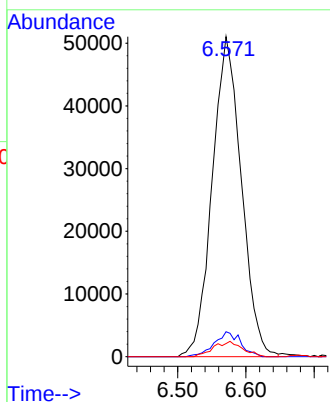
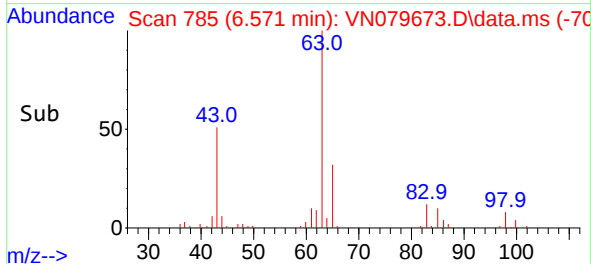
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



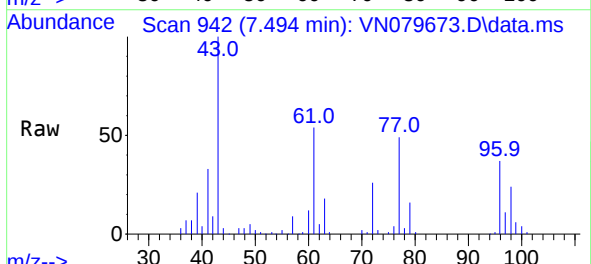
Tgt Ion: 63 Resp: 151259
Ion Ratio Lower Upper
63 100
98 7.8 2.8 8.4
100 4.1 1.9 5.7

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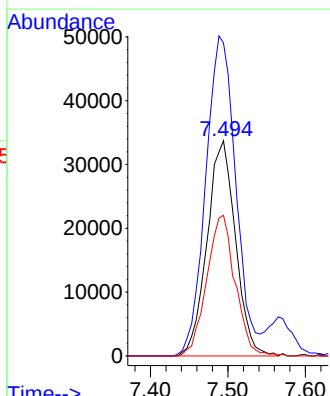
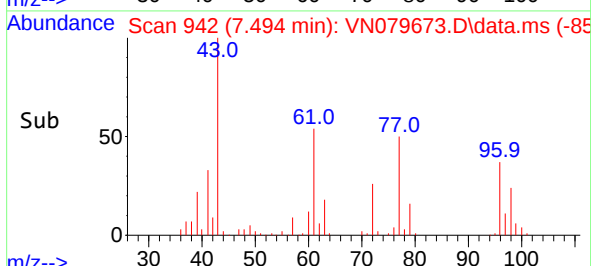
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

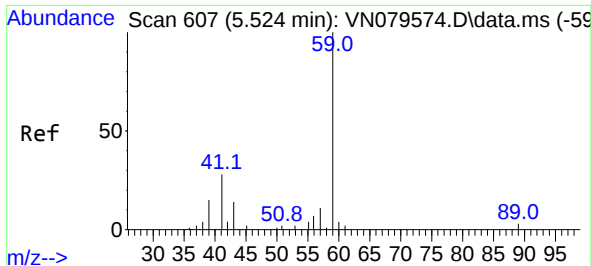


#22
cis-1,2-Dichloroethene
Concen: 20.361 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



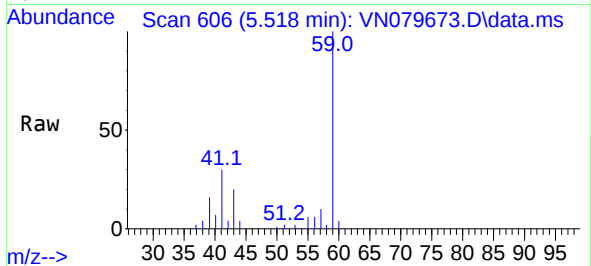
Tgt Ion: 96 Resp: 86089
Ion Ratio Lower Upper
96 100
61 157.2 124.6 186.8
98 65.3 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 84.615 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

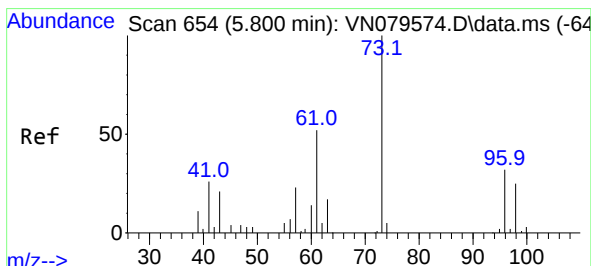
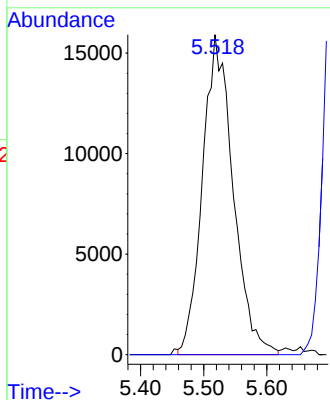
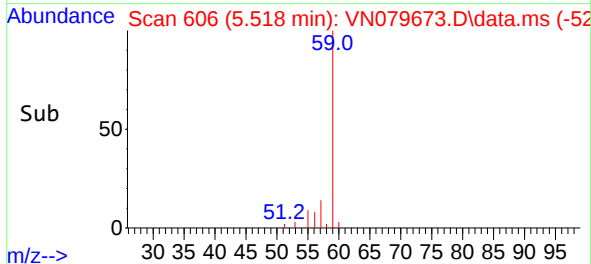
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



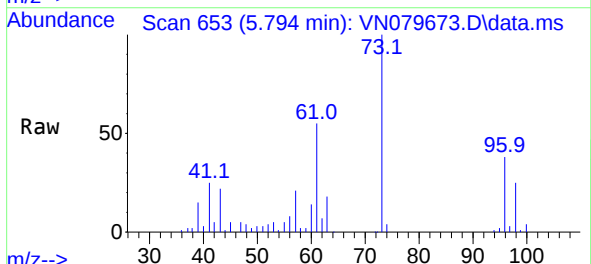
Tgt Ion: 59 Resp: 53598
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

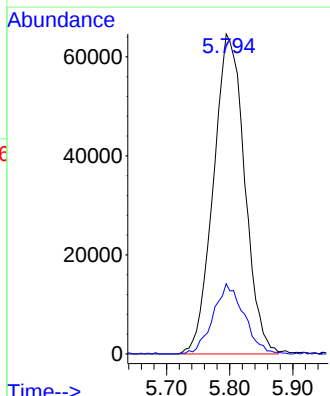
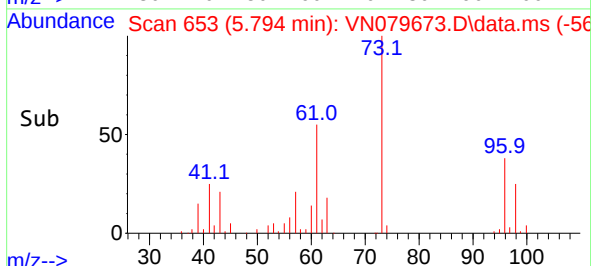
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

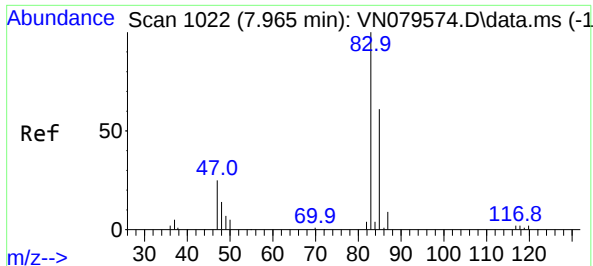


#24
Methyl tert-Butyl Ether
Concen: 20.122 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



Tgt Ion: 73 Resp: 221533
Ion Ratio Lower Upper
73 100
43 21.8 16.6 24.8





#25

Chloroform

Concen: 21.531 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN079673.D

Acq: 25 Oct 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN1025WBS01

Tgt Ion: 83 Resp: 15858

Ion Ratio Lower Upper

83 100

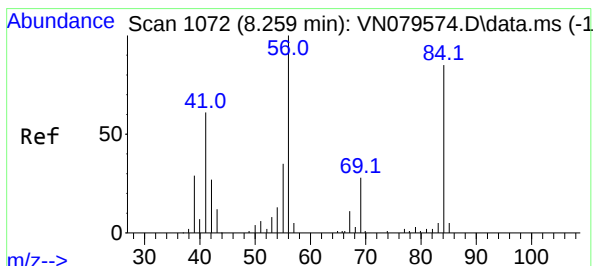
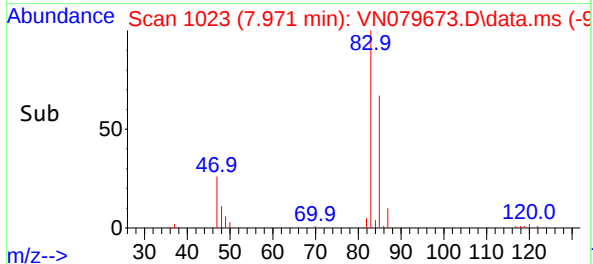
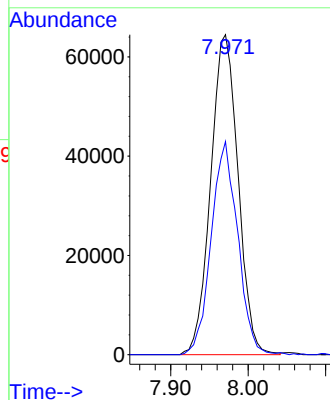
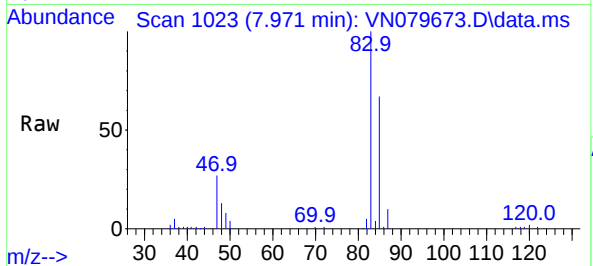
85 66.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#26

Cyclohexane

Concen: 19.216 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079673.D

Acq: 25 Oct 2023 11:07

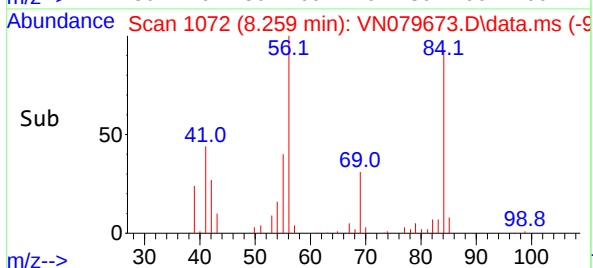
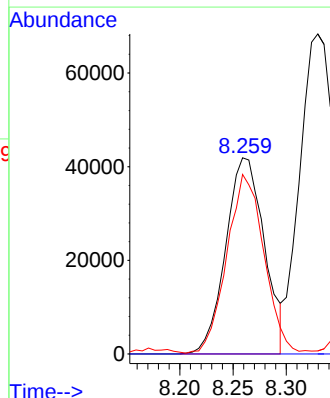
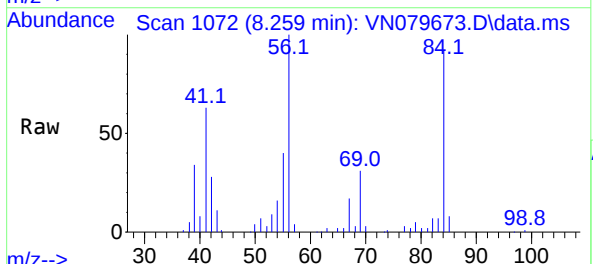
Tgt Ion: 56 Resp: 105885

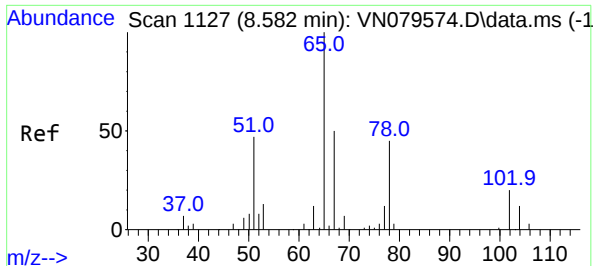
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

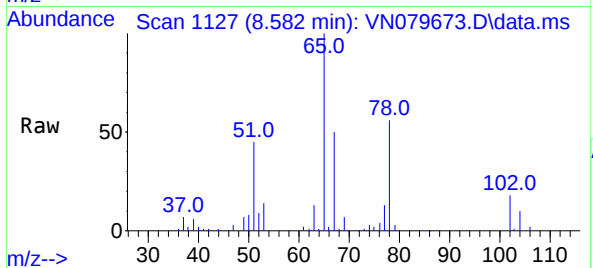
84 88.2 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.970 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

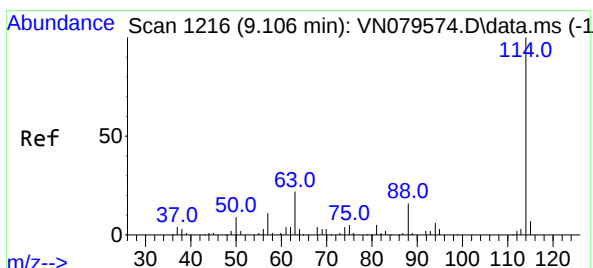
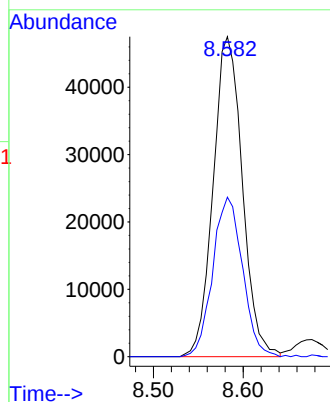
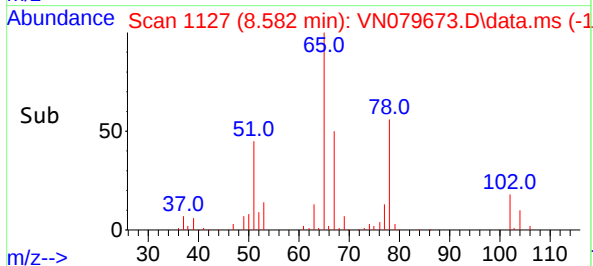
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



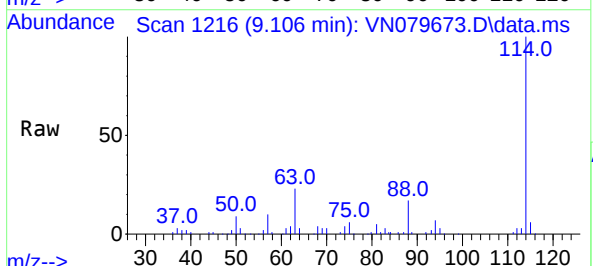
Tgt Ion: 65 Resp: 107228
Ion Ratio Lower Upper
65 100
67 50.8 42.1 63.1

Manual Integrations
APPROVED

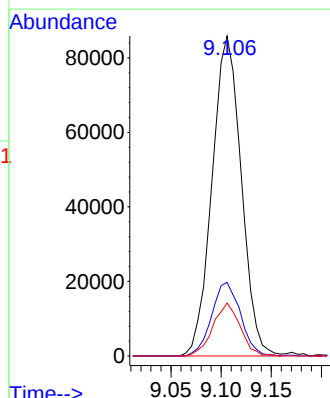
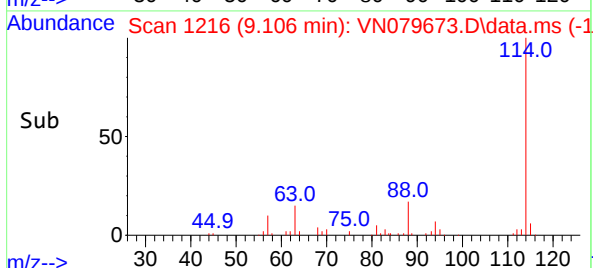
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

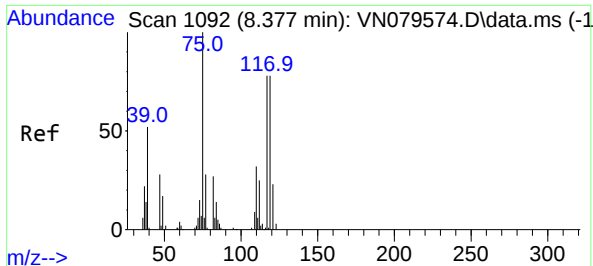


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



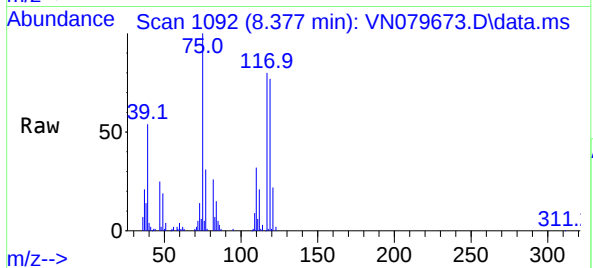
Tgt Ion:114 Resp: 173717
Ion Ratio Lower Upper
114 100
63 22.8 18.1 27.1
88 15.3 12.2 18.2





#29
1,1-Dichloropropene
Concen: 22.113 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

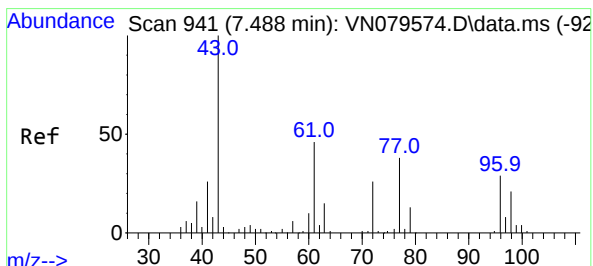
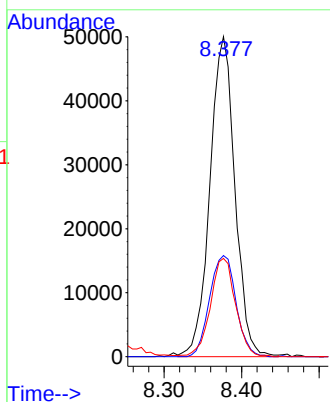
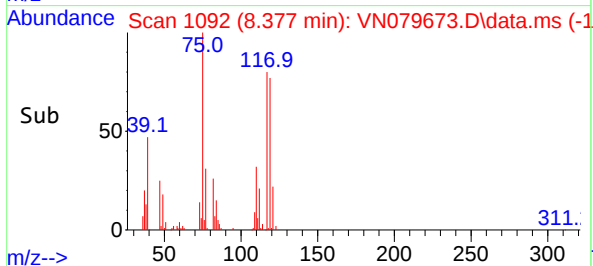
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



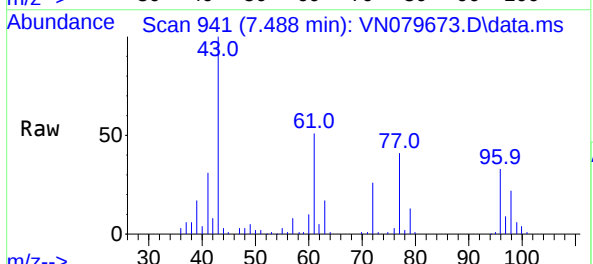
Tgt Ion: 75 Resp: 11225
Ion Ratio Lower Upper
75 100
110 33.3 0.0 66.8
77 29.9 0.0 61.2

Manual Integrations
APPROVED

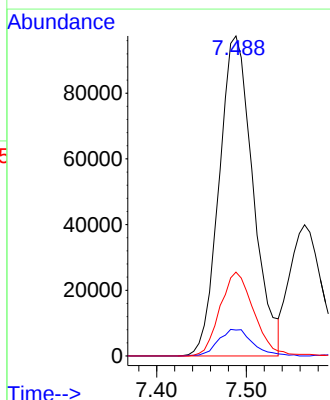
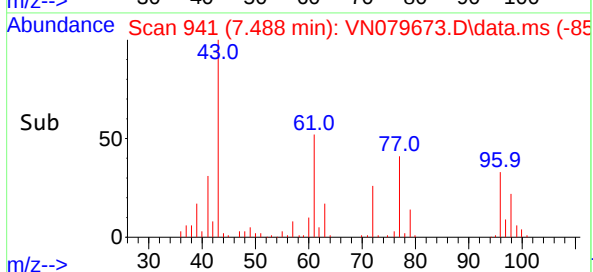
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

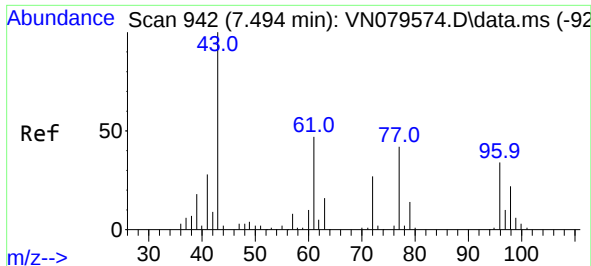


#30
2-Butanone
Concen: 100.367 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



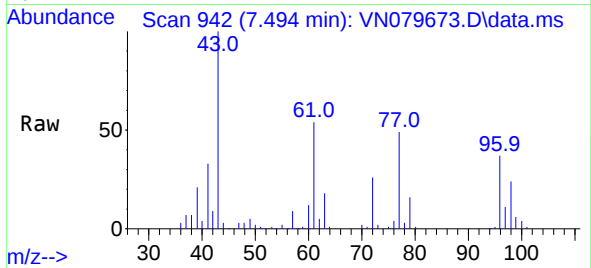
Tgt Ion: 43 Resp: 255405
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 26.1 20.7 31.1





#31
2,2-Dichloropropane
Concen: 21.785 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

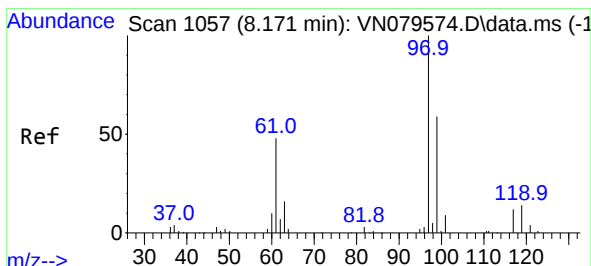
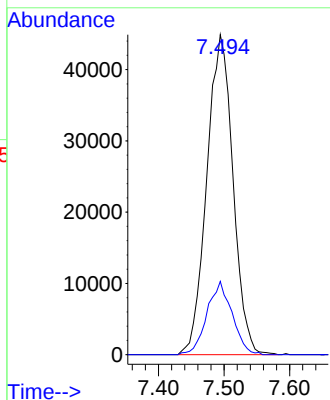
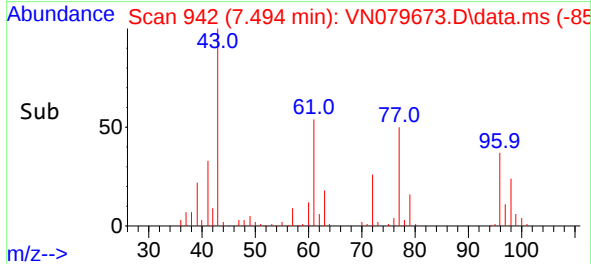
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



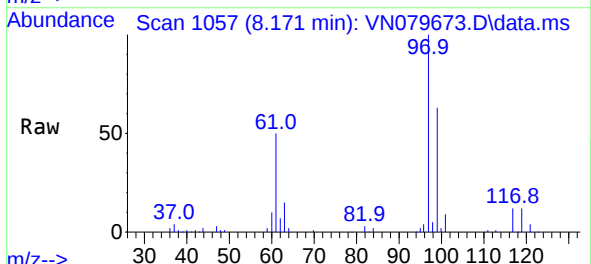
Tgt Ion: 77 Resp: 12469
Ion Ratio Lower Upper
77 100
97 21.9 17.9 26.9

Manual Integrations
APPROVED

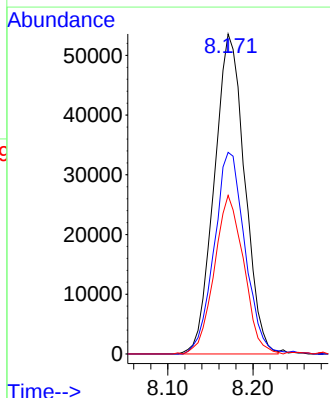
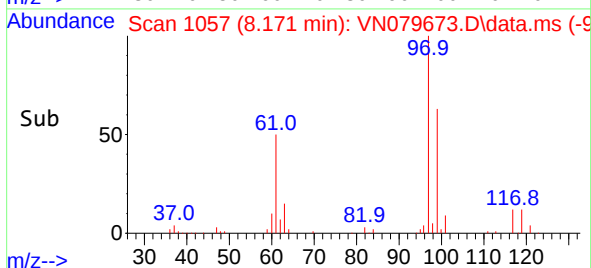
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

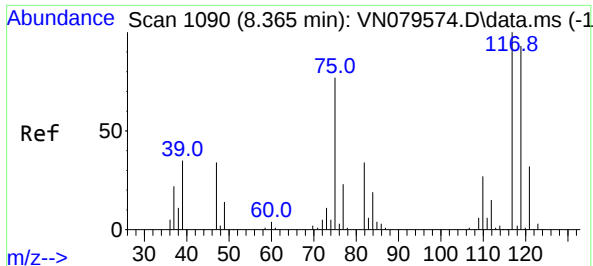


#32
1,1,1-Trichloroethane
Concen: 22.030 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



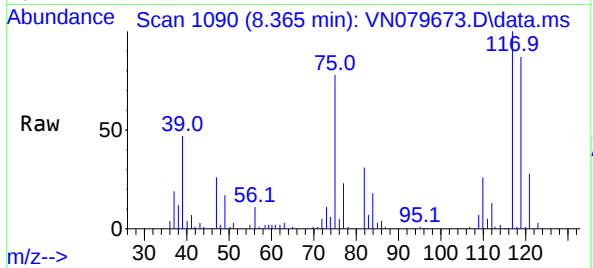
Tgt Ion: 97 Resp: 132927
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 47.9 37.6 56.4





#33
Carbon Tetrachloride
Concen: 22.868 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

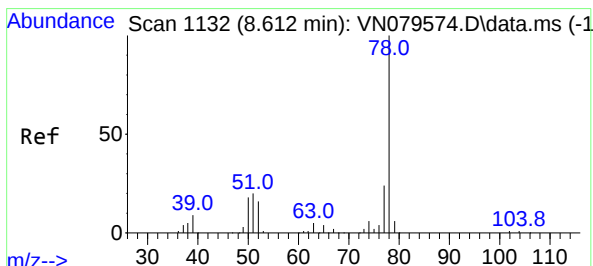
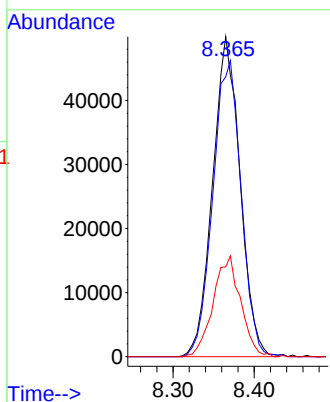
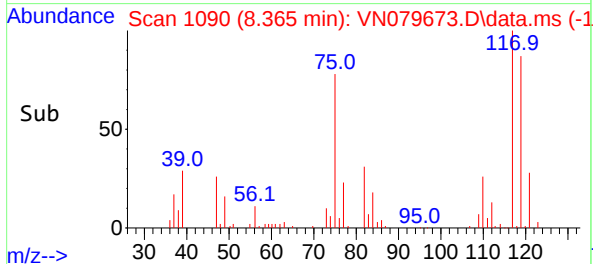
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



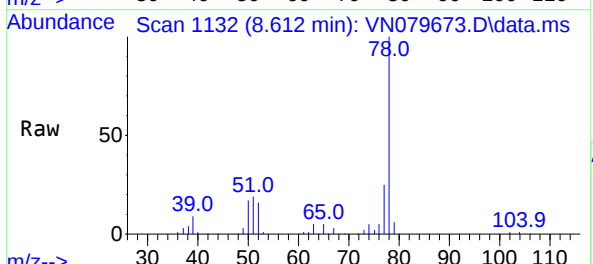
Tgt Ion: 117 Resp: 117352
Ion Ratio Lower Upper
117 100
119 87.5 75.0 112.6
121 28.1 24.3 36.5

Manual Integrations
APPROVED

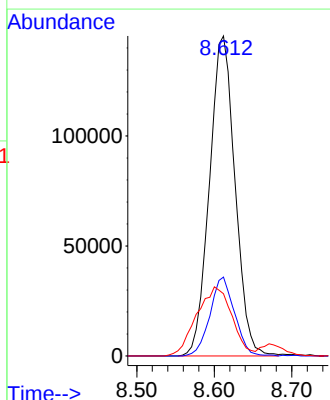
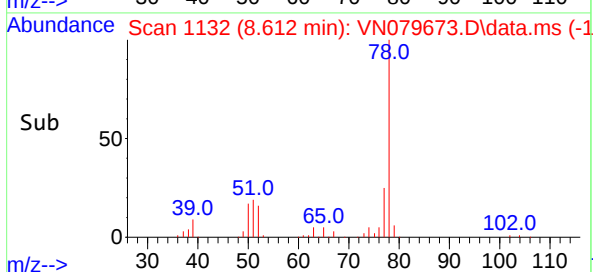
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

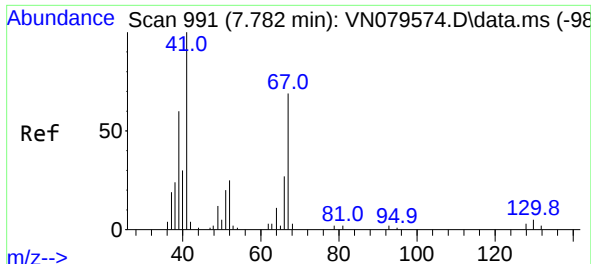


#34
Benzene
Concen: 21.629 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



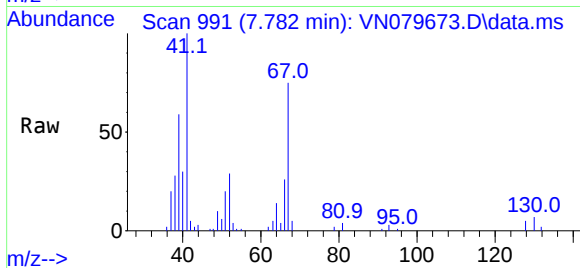
Tgt Ion: 78 Resp: 333603
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5
51 17.8 15.8 23.6





#35
Methacrylonitrile
Concen: 20.400 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

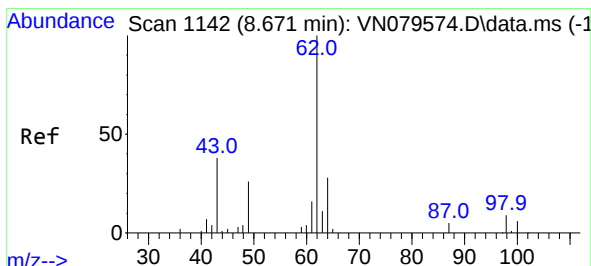
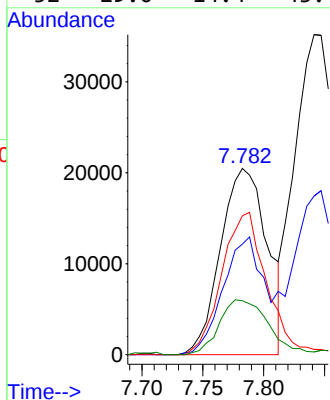
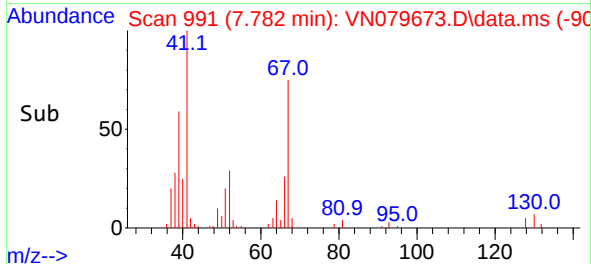
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



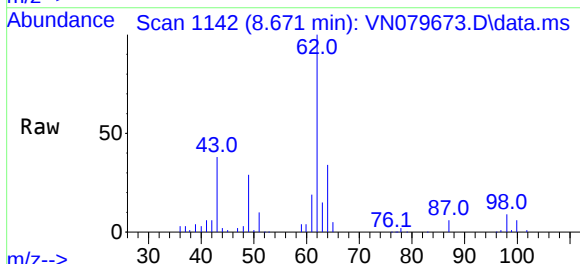
Tgt Ion: 41 Resp: 54608
Ion Ratio Lower Upper
41 100
39 59.4 26.3 78.8
67 74.5 37.5 112.3
52 29.0 14.4 43.4

Manual Integrations
APPROVED

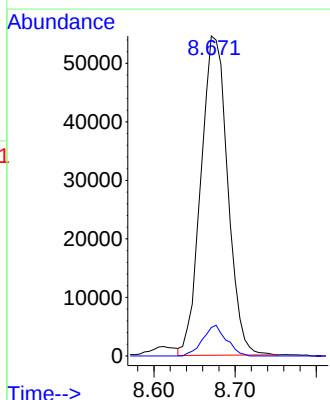
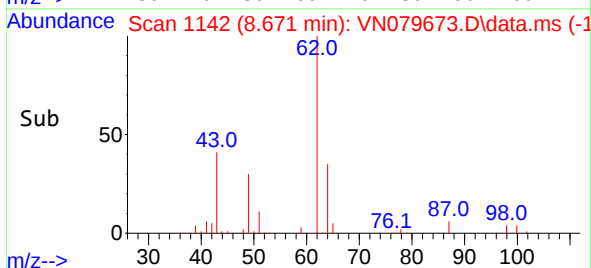
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

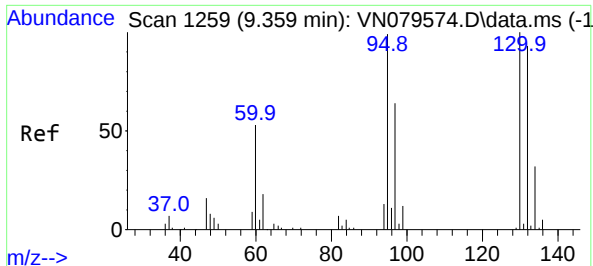


#36
1,2-Dichloroethane
Concen: 22.685 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



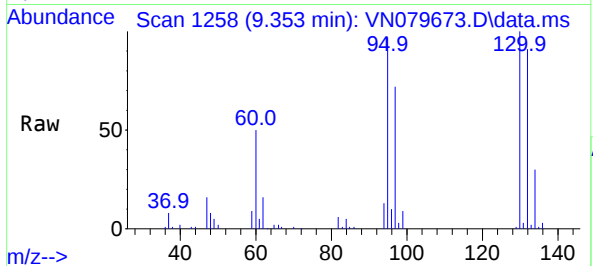
Tgt Ion: 62 Resp: 124932
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8





#37
Trichloroethene
Concen: 21.513 ug/l
RT: 9.353 min Scan# 1301
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

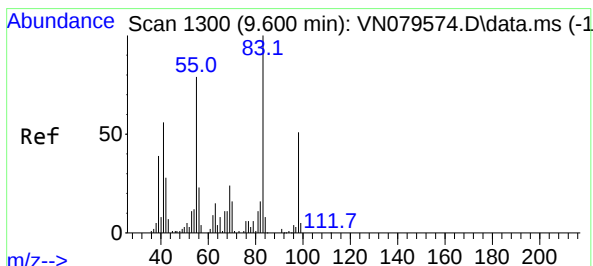
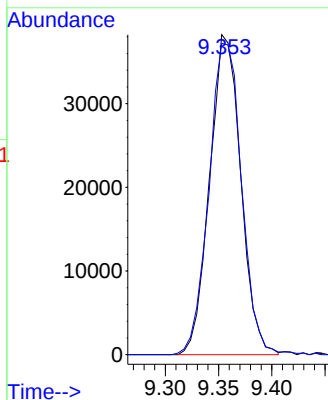
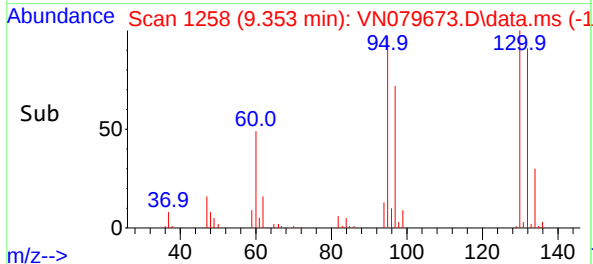
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



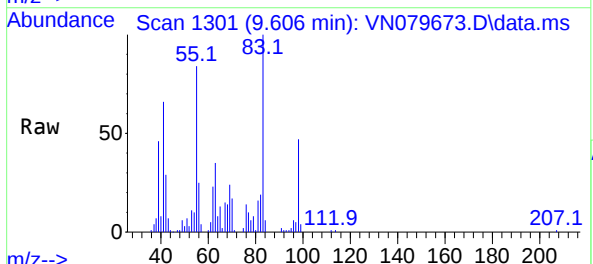
Tgt Ion:130 Resp: 77562
Ion Ratio Lower Upper
130 100
95 96.7 81.2 121.8

Manual Integrations
APPROVED

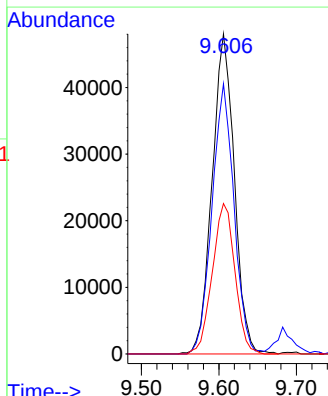
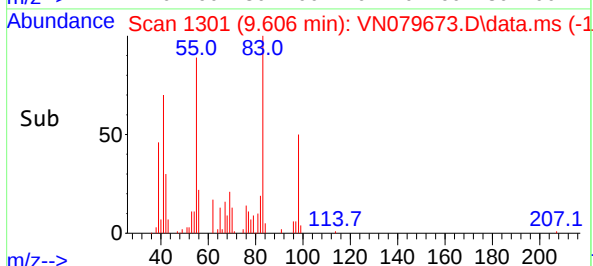
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

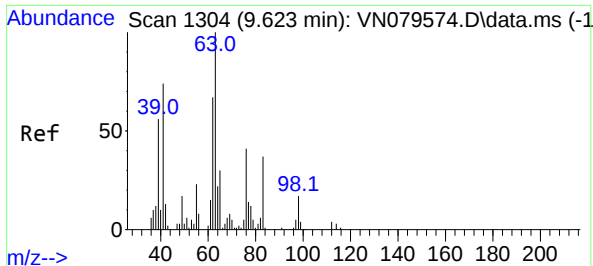


#38
Methylcyclohexane
Concen: 19.572 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



Tgt Ion: 83 Resp: 95665
Ion Ratio Lower Upper
83 100
55 83.4 39.7 119.1
98 47.9 24.4 73.2





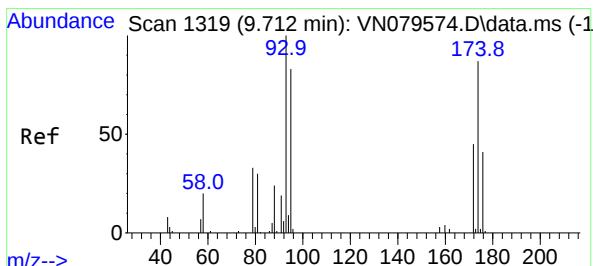
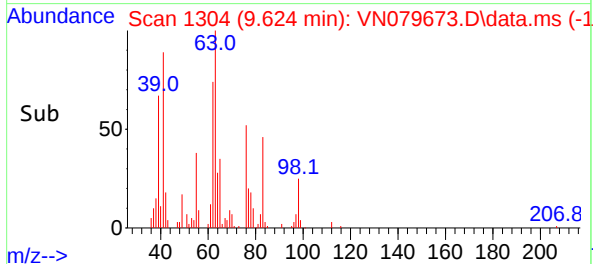
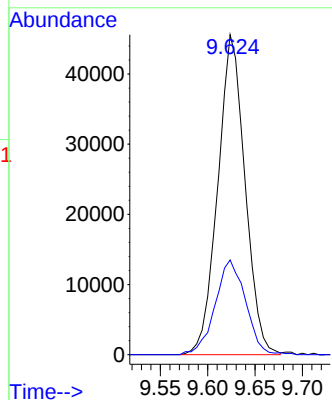
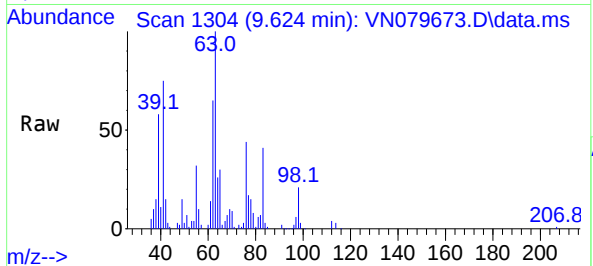
#39
1,2-Dichloropropane
Concen: 22.409 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion: 63 Resp: 9121
Ion Ratio Lower Upper
63 100
65 29.6 25.3 37.9

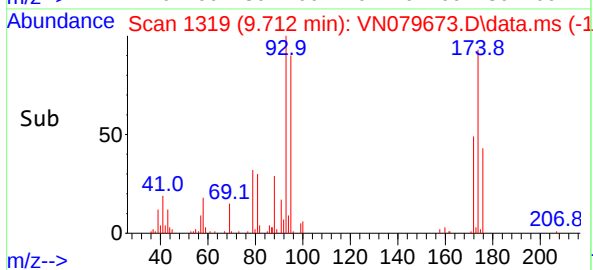
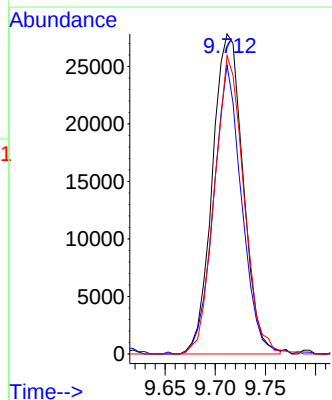
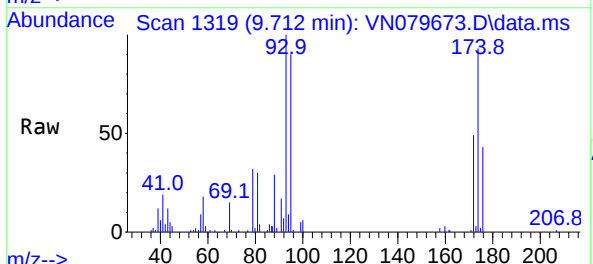
Manual Integrations
APPROVED

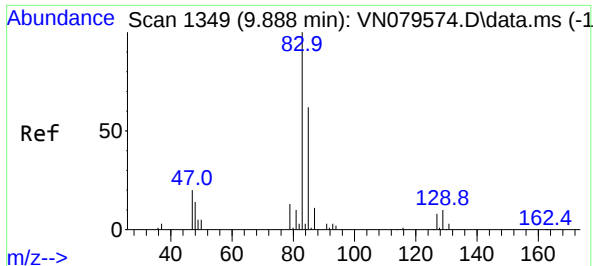
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#40
Dibromomethane
Concen: 22.221 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

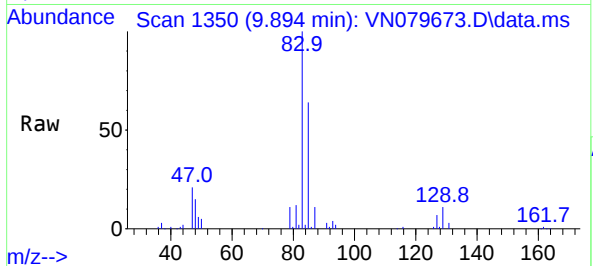
Tgt Ion: 93 Resp: 59359
Ion Ratio Lower Upper
93 100
95 82.2 0.0 166.6
174 88.4 0.0 171.0





#41
Bromodichloromethane
Concen: 22.197 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

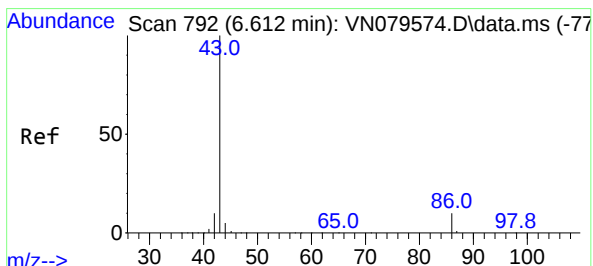
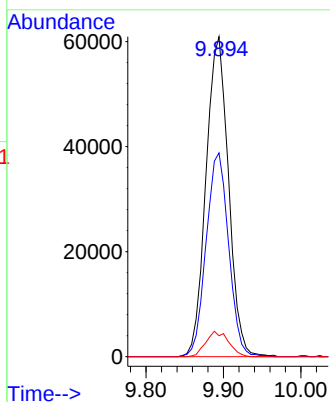
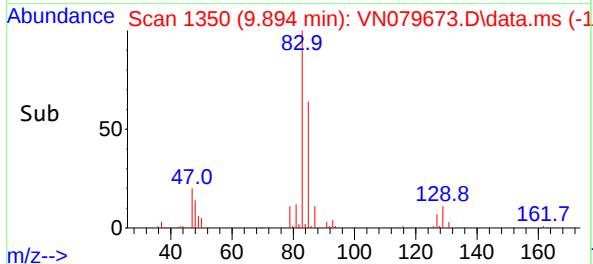
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



Tgt Ion: 83 Resp: 122880
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5
127 6.5 6.8 10.2

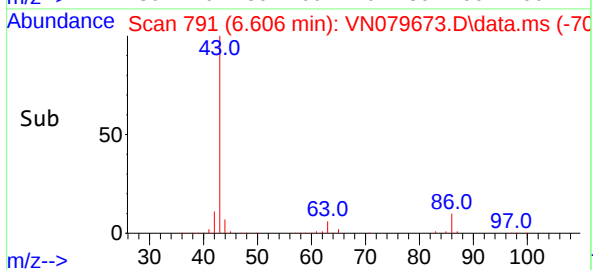
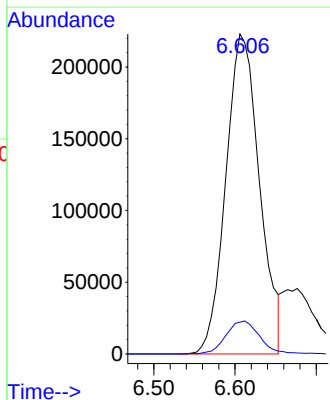
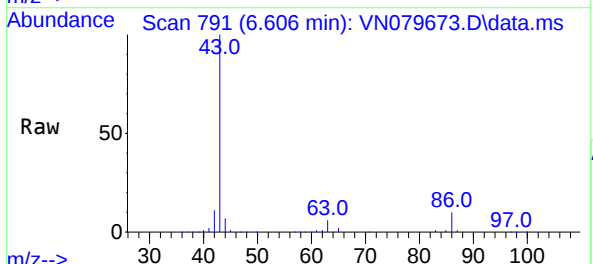
Manual Integrations
APPROVED

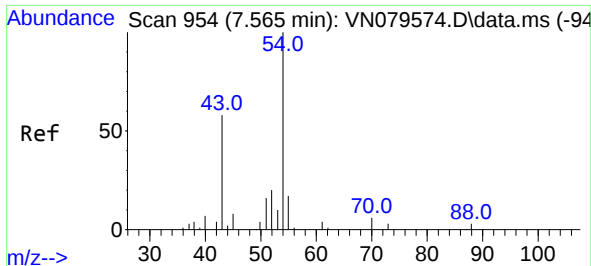
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#42
Vinyl Acetate
Concen: 99.529 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

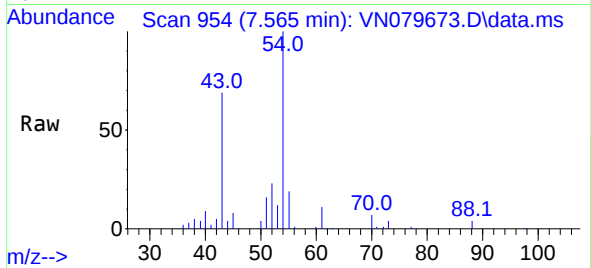
Tgt Ion: 43 Resp: 642478
Ion Ratio Lower Upper
43 100
86 10.3 8.2 12.2





#43
Ethyl Acetate
Concen: 21.254 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

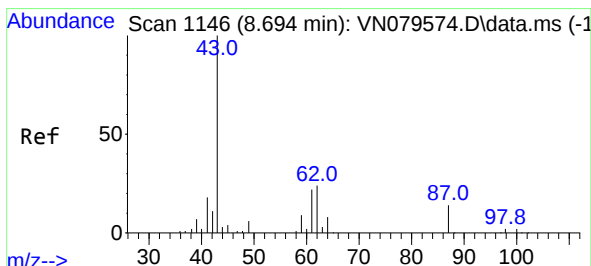
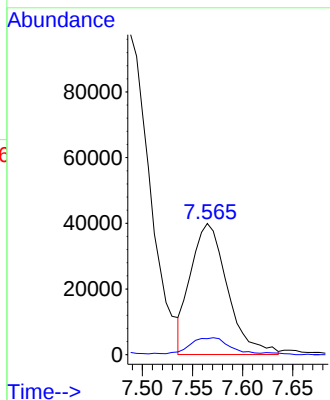
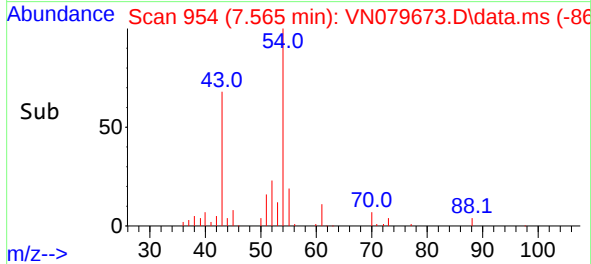
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



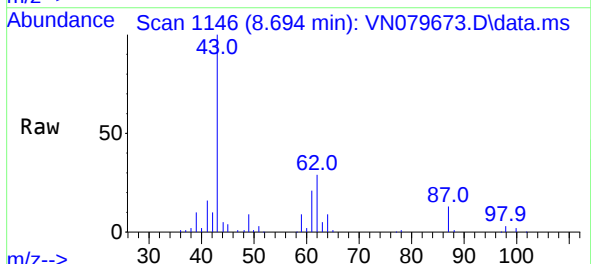
Tgt Ion: 43 Resp: 101702
Ion Ratio Lower Upper
43 100
45 14.0 11.8 17.8

Manual Integrations
APPROVED

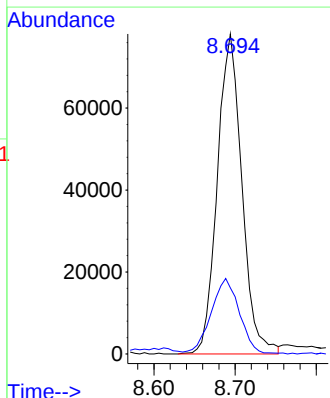
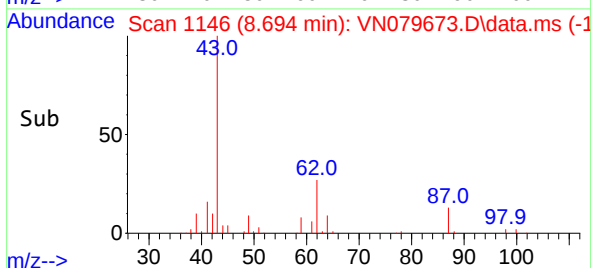
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

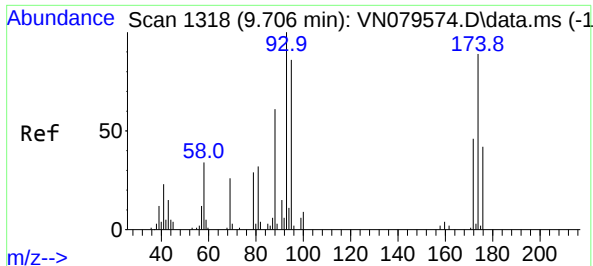


#44
Isopropyl Acetate
Concen: 19.316 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



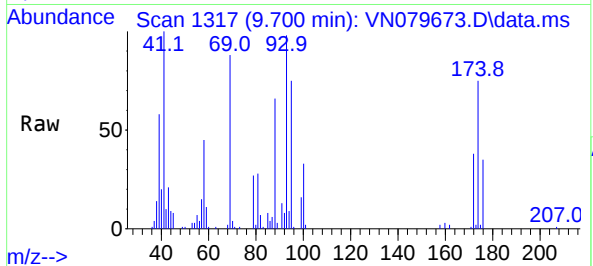
Tgt Ion: 43 Resp: 164304
Ion Ratio Lower Upper
43 100
61 27.3 20.3 30.5





#45
1,4-Dioxane
Concen: 395.472 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

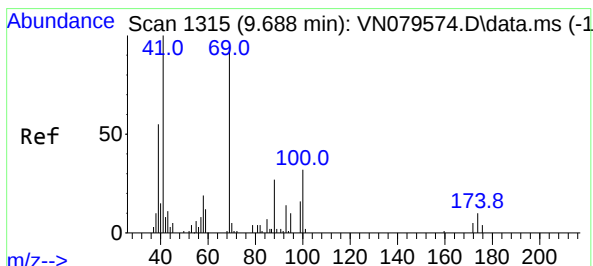
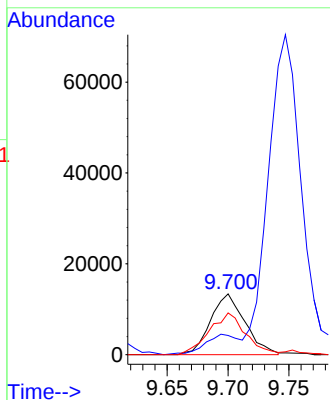
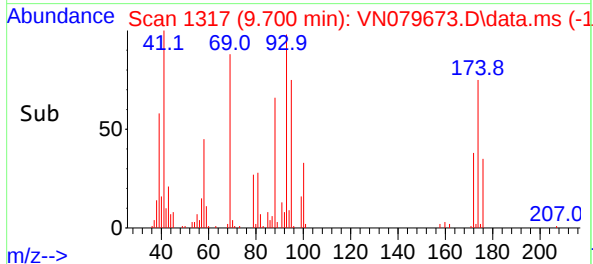
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



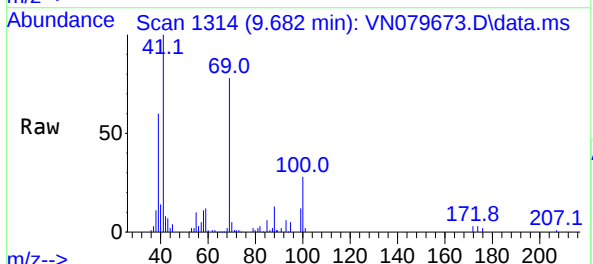
Tgt Ion: 88 Resp: 2633
Ion Ratio Lower Upper
88 100
43 33.5 28.7 43.1
58 72.6 56.9 85.3

Manual Integrations
APPROVED

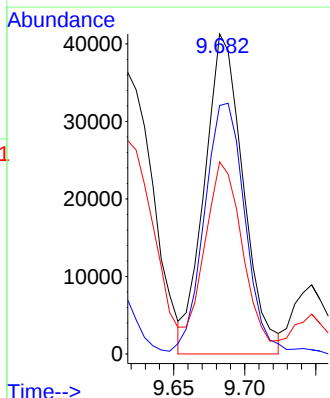
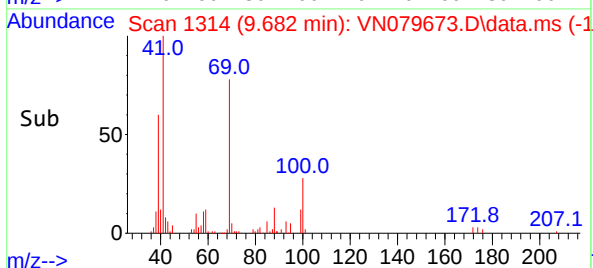
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

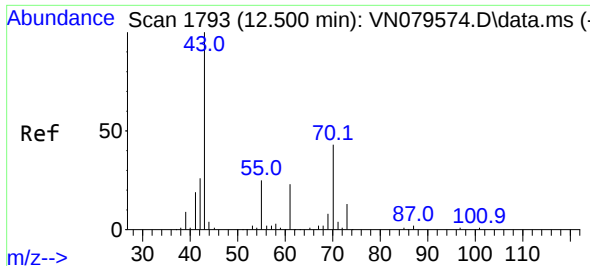


#46
Methyl methacrylate
Concen: 20.722 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



Tgt Ion: 41 Resp: 78197
Ion Ratio Lower Upper
41 100
69 79.5 40.0 119.9
39 59.7 31.1 93.3





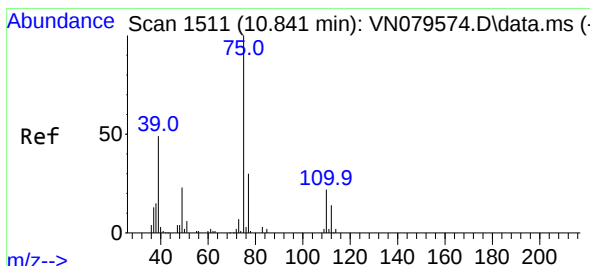
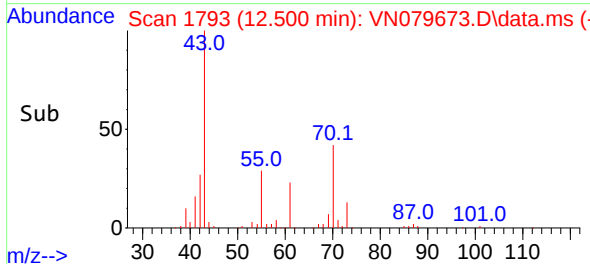
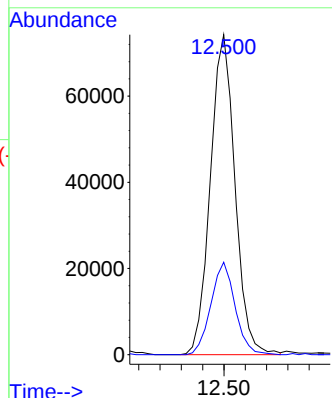
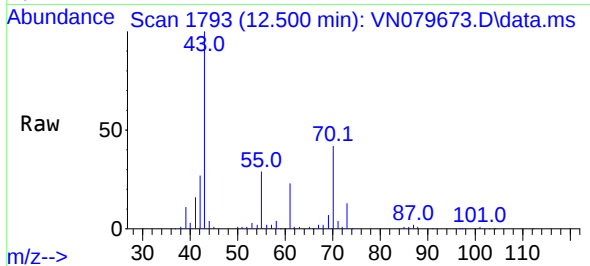
#47
n-amyl acetate
Concen: 19.421 ug/l
RT: 12.500 min Scan# 11922
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion: 43 Resp: 11922
Ion Ratio Lower Upper
43 100
55 28.3 20.7 31.1

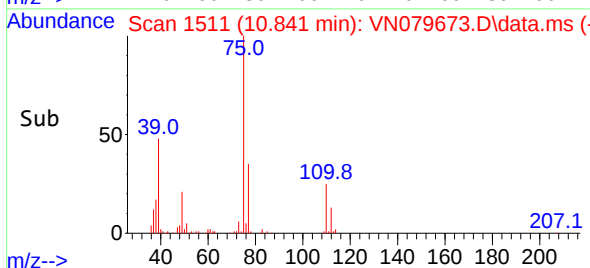
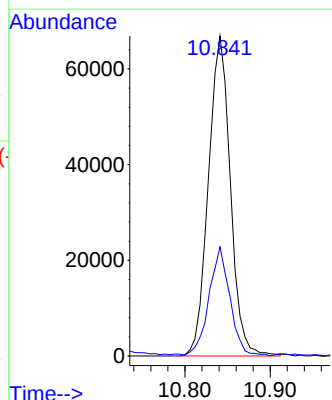
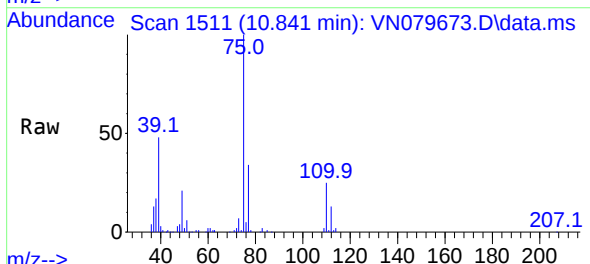
Manual Integrations
APPROVED

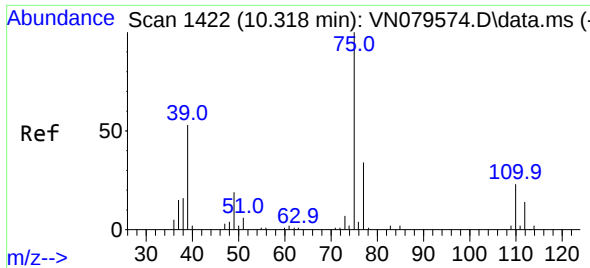
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#48
t-1,3-Dichloropropene
Concen: 21.443 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

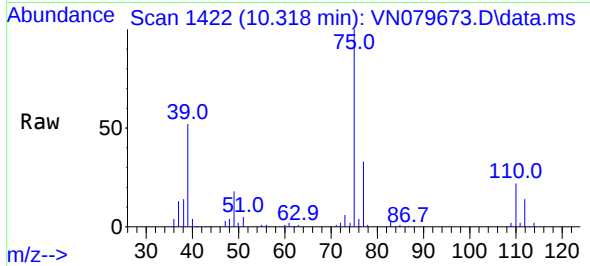
Tgt Ion: 75 Resp: 120005
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 21.464 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079673.D
 Acq: 25 Oct 2023 11:07

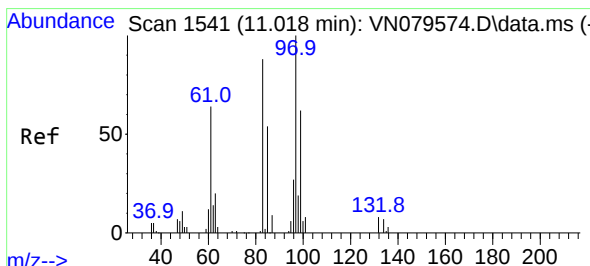
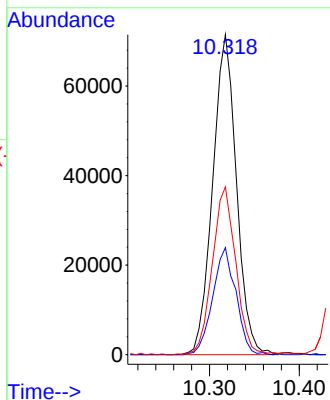
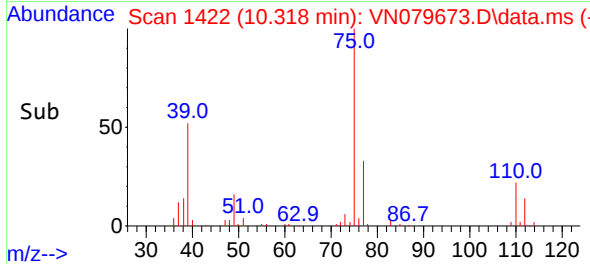
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBS01



Tgt Ion: 75 Resp: 13135
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.8 38.6
 39 52.2 42.4 63.6

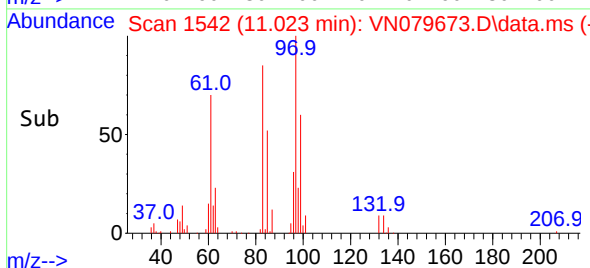
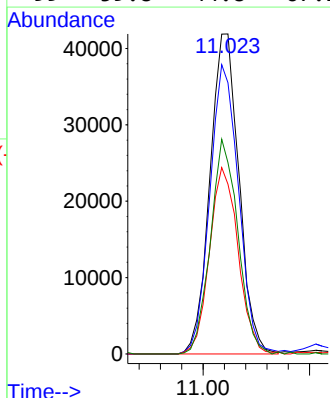
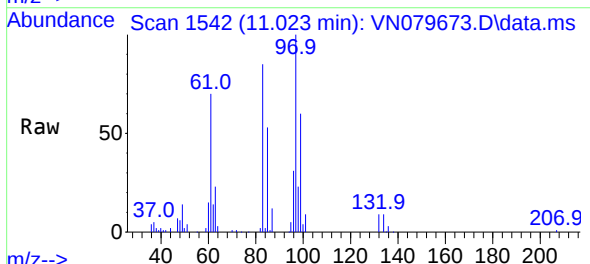
Manual Integrations
 APPROVED

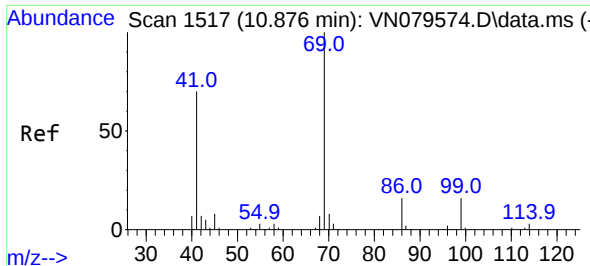
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#50
 1,1,2-Trichloroethane
 Concen: 21.387 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN079673.D
 Acq: 25 Oct 2023 11:07

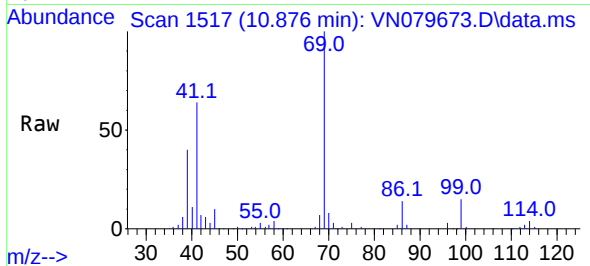
Tgt Ion: 97 Resp: 79257
 Ion Ratio Lower Upper
 97 100
 83 84.7 68.2 102.4
 85 53.1 42.9 64.3
 99 59.8 44.8 67.2





#51
Ethyl methacrylate
Concen: 20.572 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

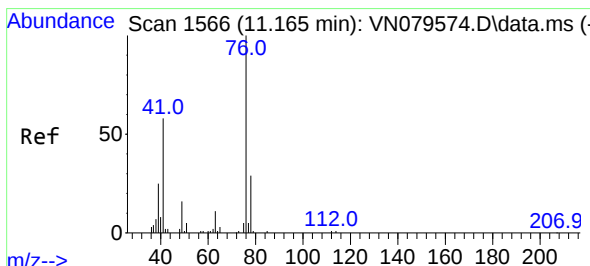
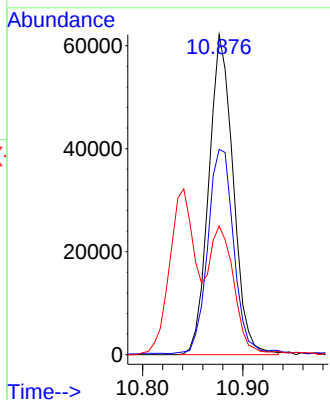
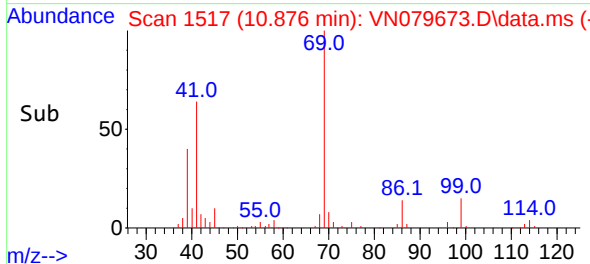
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



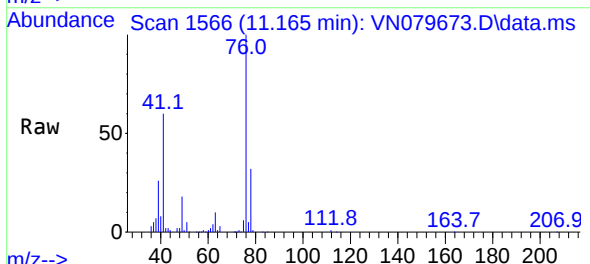
Tgt Ion: 69 Resp: 105179
Ion Ratio Lower Upper
69 100
41 63.5 33.8 101.3
39 39.2 21.3 63.9

Manual Integrations
APPROVED

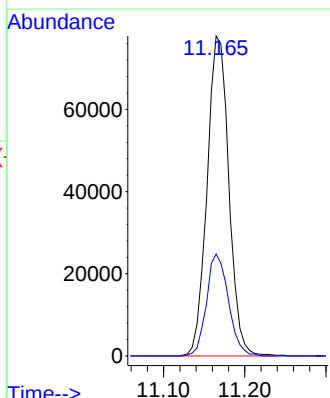
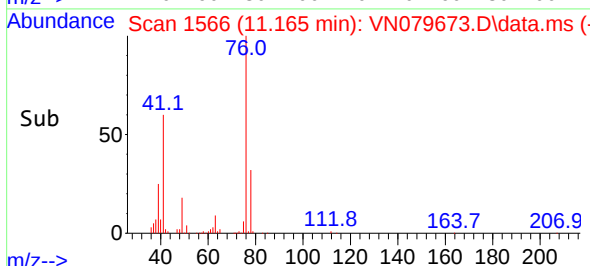
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

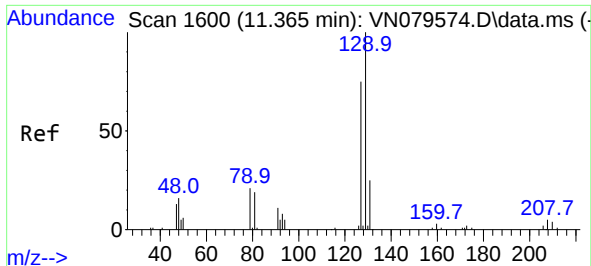


#52
1,3-Dichloropropane
Concen: 22.095 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



Tgt Ion: 76 Resp: 145053
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.0





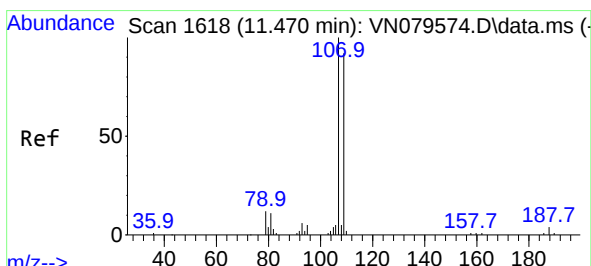
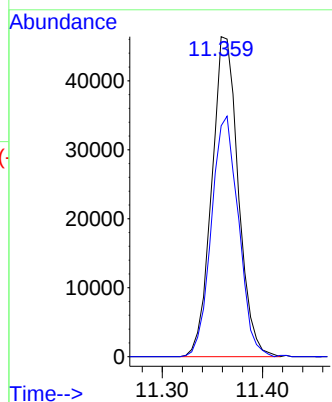
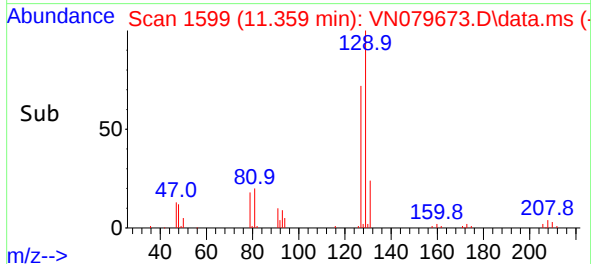
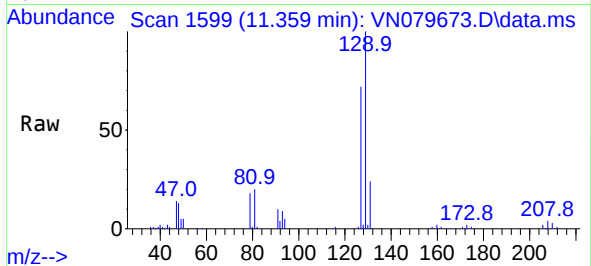
#53
Dibromochloromethane
Concen: 22.550 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion:129 Resp: 8540
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3

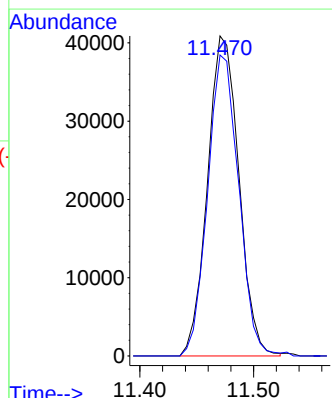
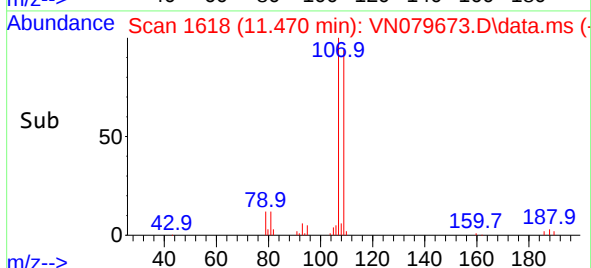
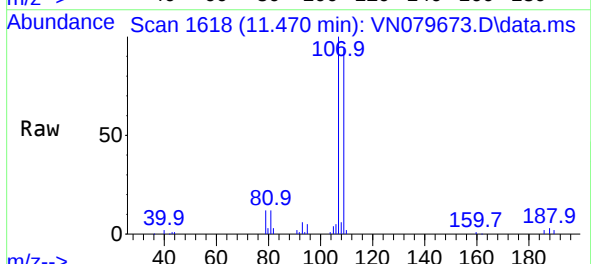
Manual Integrations
APPROVED

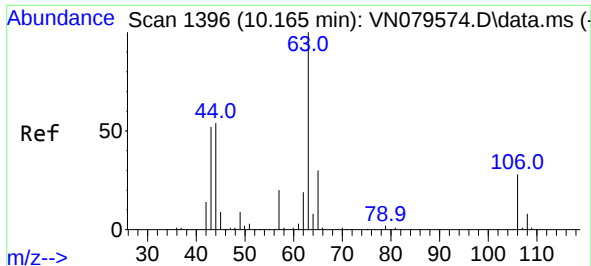
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#54
1,2-Dibromoethane
Concen: 21.479 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Tgt Ion:107 Resp: 78526
Ion Ratio Lower Upper
107 100
109 92.9 73.2 109.8





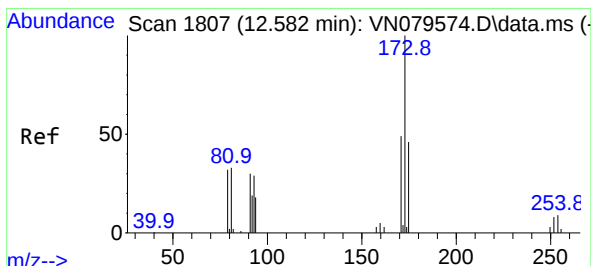
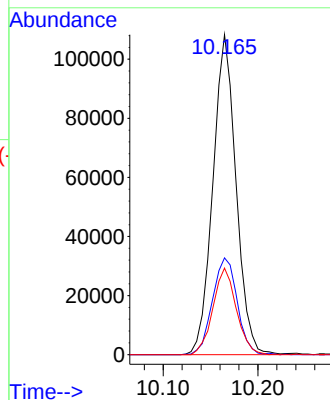
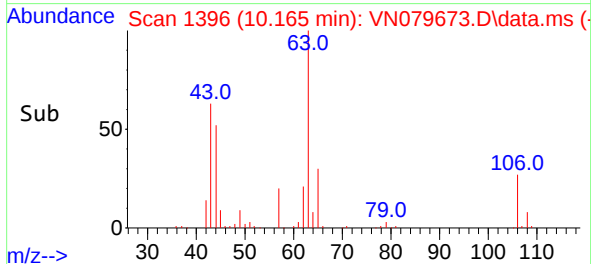
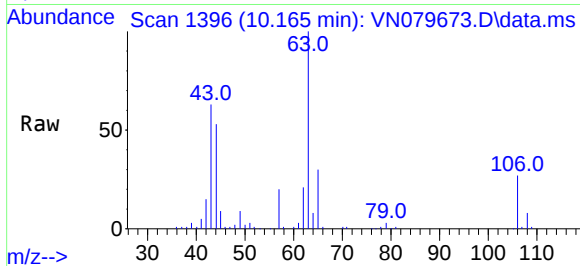
#55
2-Chloroethyl vinyl ether
Concen: 94.374 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion: 63 Resp: 184095
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 27.4 20.6 30.8

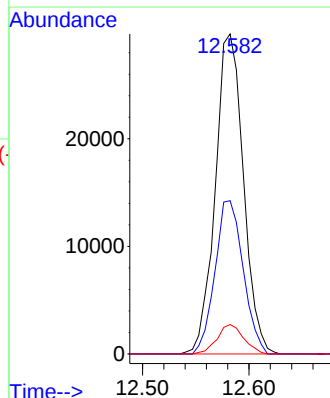
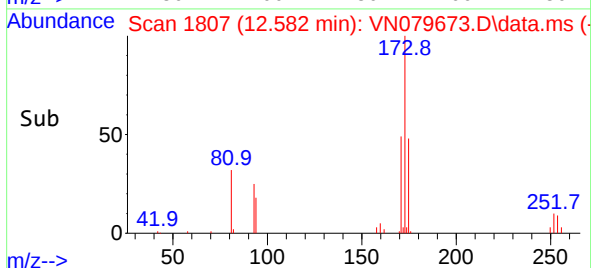
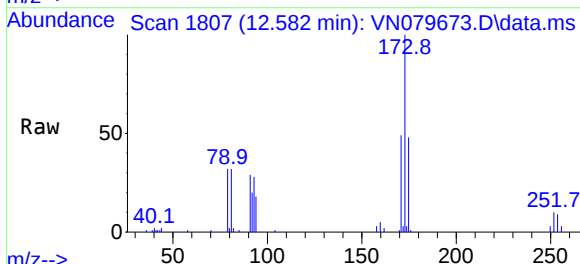
Manual Integrations
APPROVED

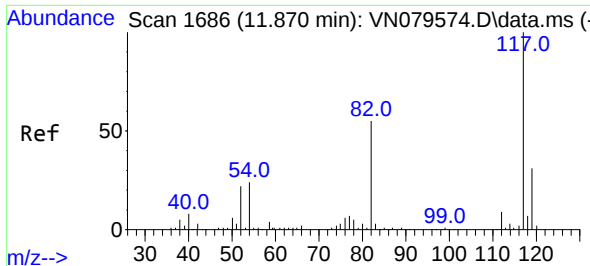
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#56
Bromoform
Concen: 21.767 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

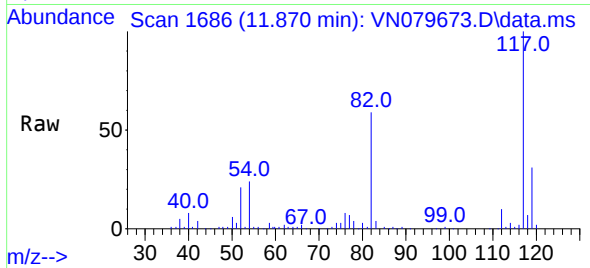
Tgt Ion:173 Resp: 54537
Ion Ratio Lower Upper
173 100
175 48.0 37.9 56.9
254 8.7 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

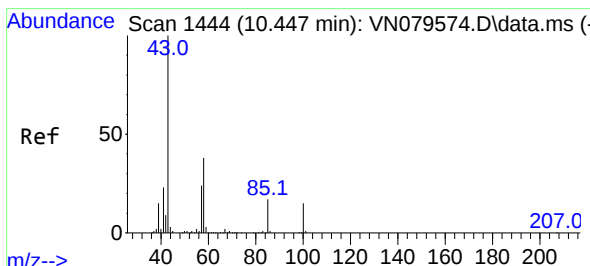
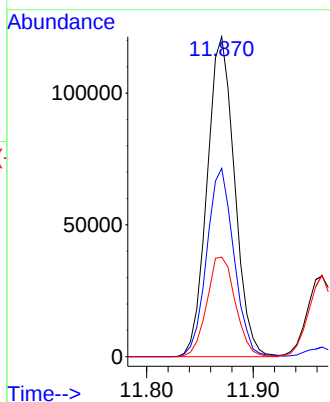
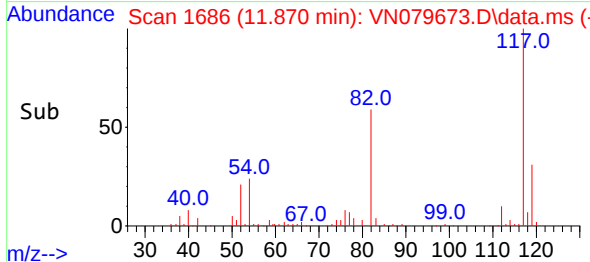
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



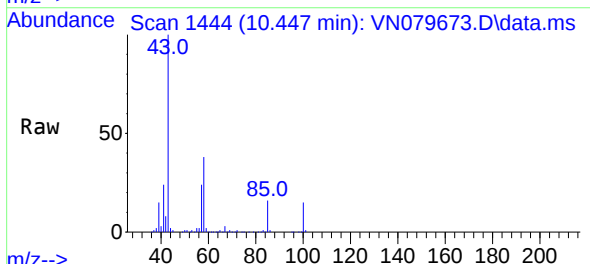
Tgt Ion: 117 Resp: 21780
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.2
119 32.3 25.2 37.8

Manual Integrations
APPROVED

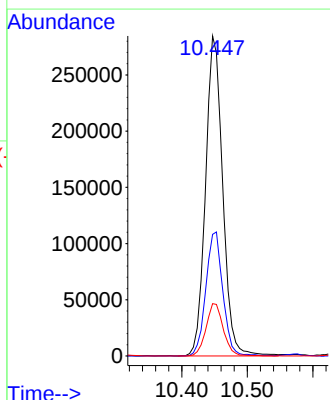
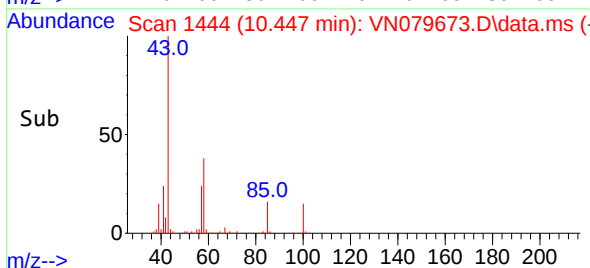
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

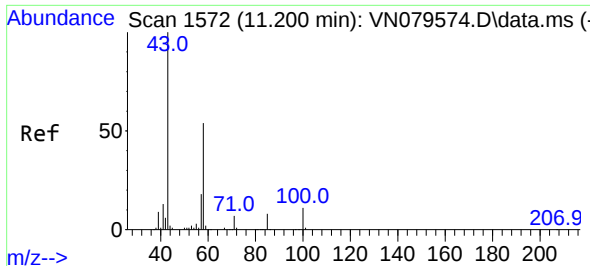


#58
4-Methyl-2-Pentanone
Concen: 102.284 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



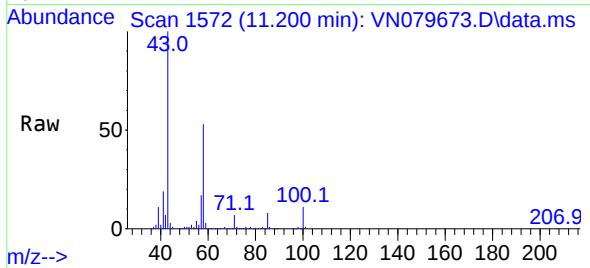
Tgt Ion: 43 Resp: 519626
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6
85 16.4 13.2 19.8





#59
2-Hexanone
Concen: 98.730 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

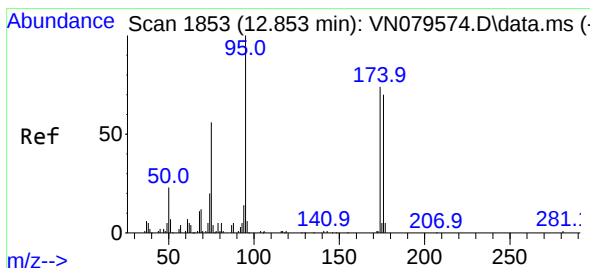
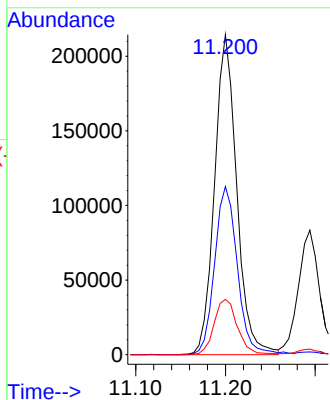
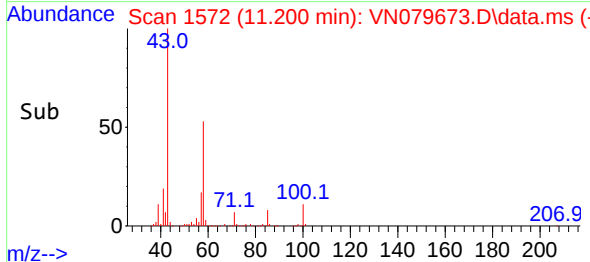
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



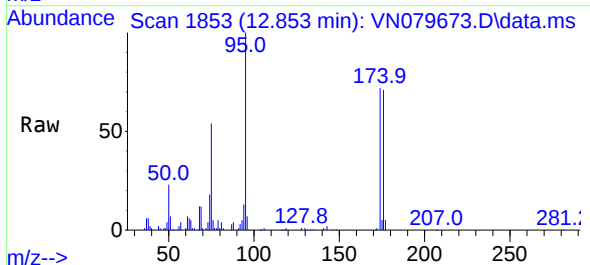
Tgt Ion: 43 Resp: 367960
Ion Ratio Lower Upper
43 100
58 54.0 42.3 63.5
57 18.4 13.9 20.9

Manual Integrations
APPROVED

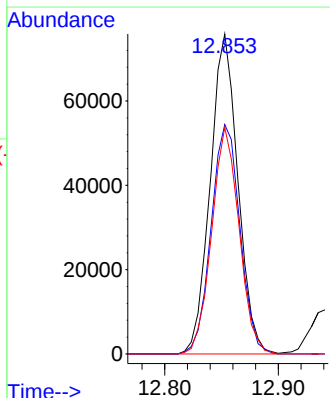
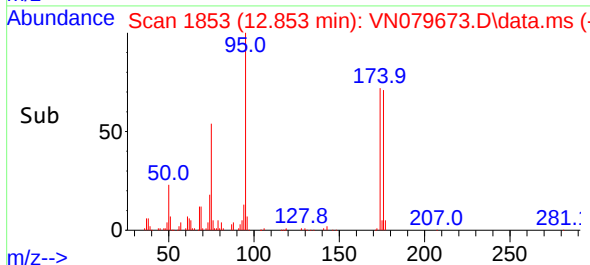
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

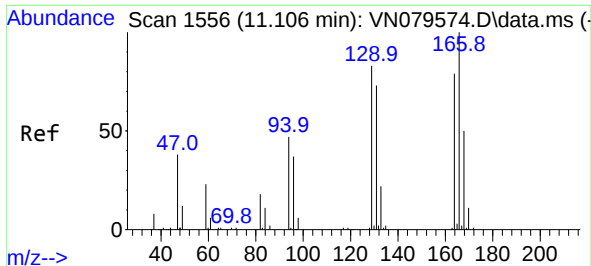


#60
4-Bromofluorobenzene
Concen: 32.268 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



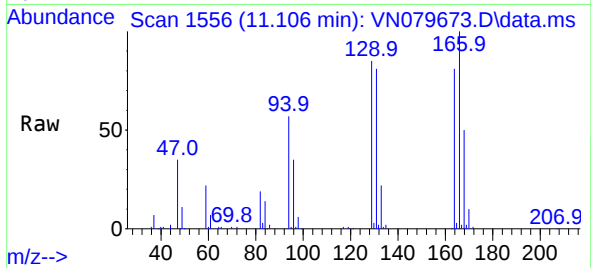
Tgt Ion: 95 Resp: 128524
Ion Ratio Lower Upper
95 100
174 74.6 60.5 90.7
176 70.0 57.2 85.8





#61
Tetrachloroethene
Concen: 22.345 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

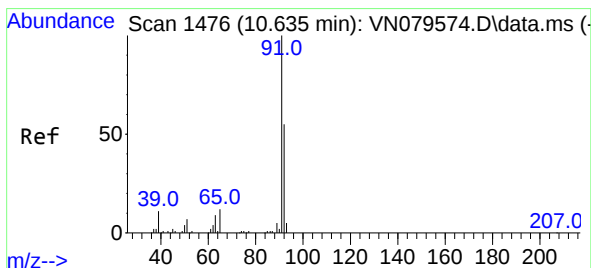
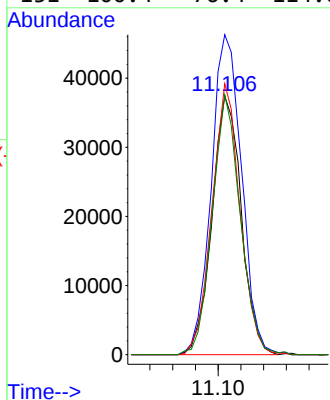
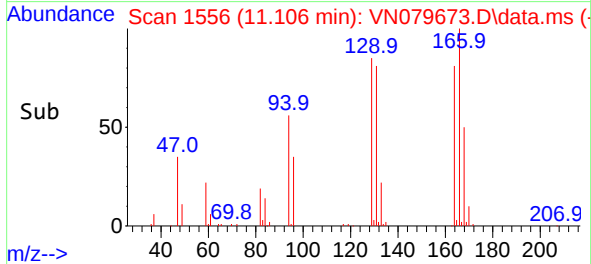
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



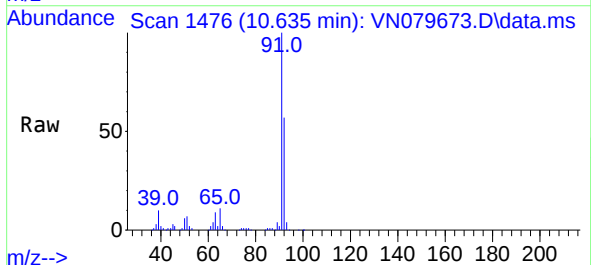
Tgt Ion:164 Resp: 6682
Ion Ratio Lower Upper
164 100
166 123.7 98.2 147.4
129 104.8 75.0 112.4
131 100.4 76.4 114.6

Manual Integrations
APPROVED

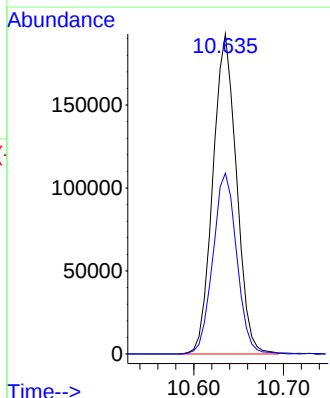
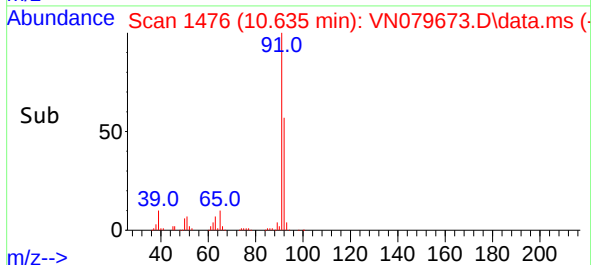
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

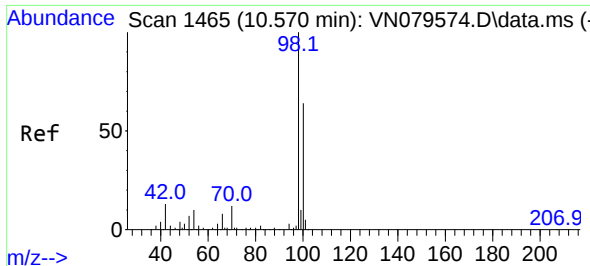


#62
Toluene
Concen: 21.137 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



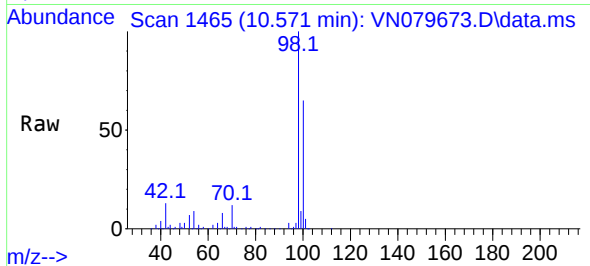
Tgt Ion: 91 Resp: 351848
Ion Ratio Lower Upper
91 100
92 57.0 45.3 67.9





#63
Toluene-d8
Concen: 30.556 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

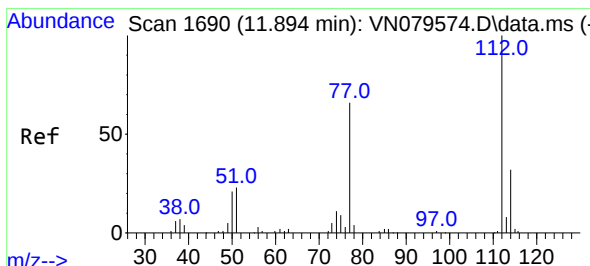
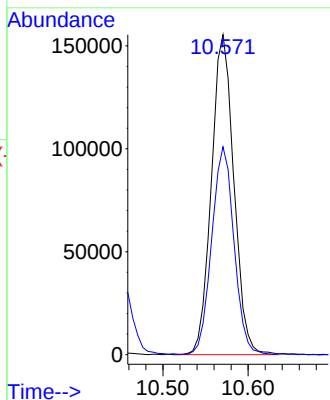
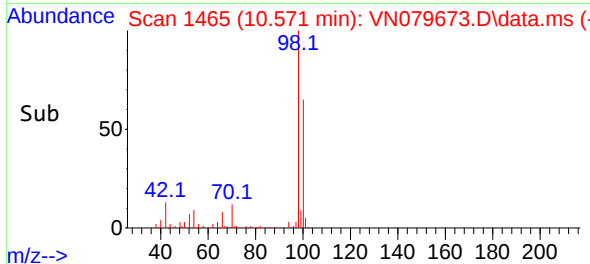
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



Tgt Ion: 98 Resp: 28518
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

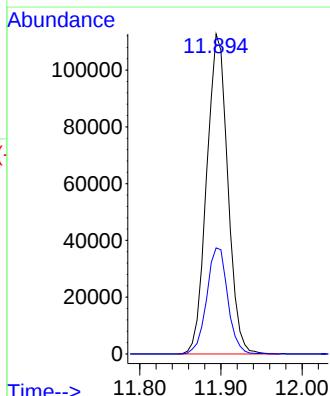
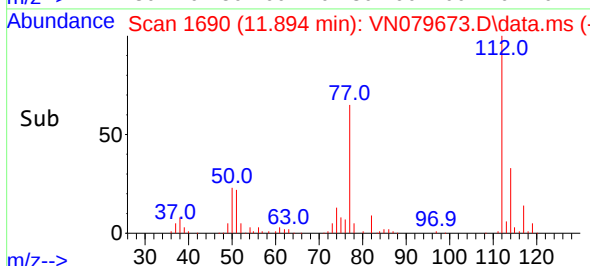
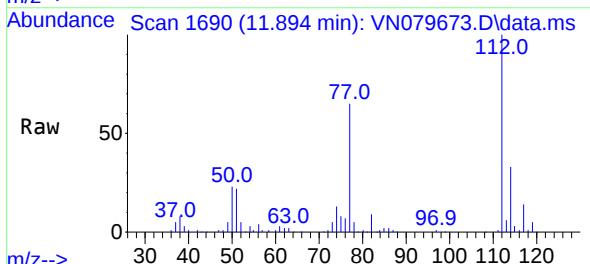
Manual Integrations
APPROVED

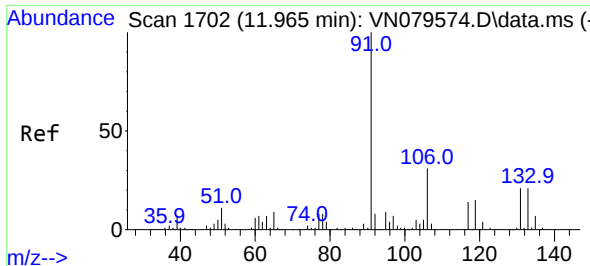
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#64
Chlorobenzene
Concen: 21.063 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Tgt Ion:112 Resp: 203351
Ion Ratio Lower Upper
112 100
114 33.1 28.1 42.1





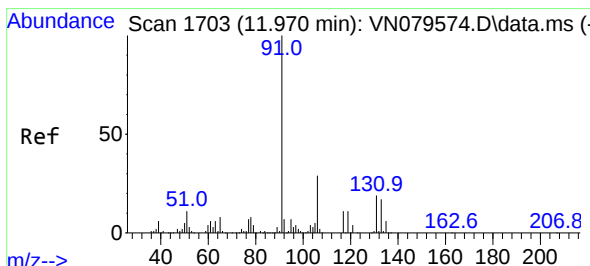
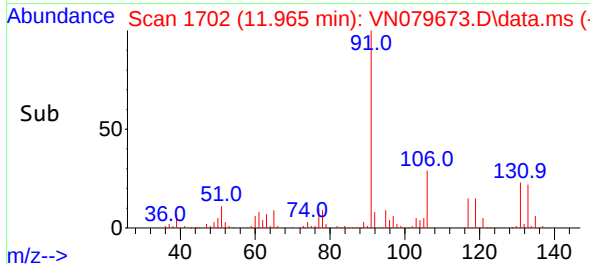
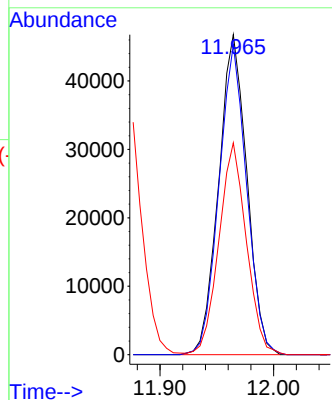
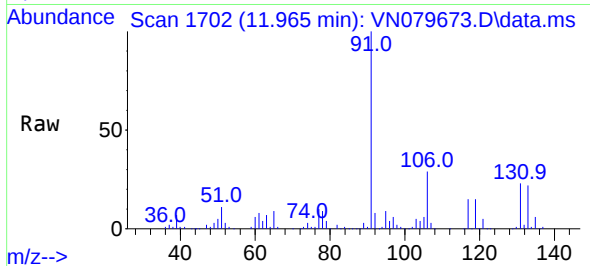
#65
1,1,1,2-Tetrachloroethane
Concen: 21.923 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion:131 Resp: 80625
Ion Ratio Lower Upper
131 100
133 95.0 0.0 196.0
119 64.4 0.0 135.6

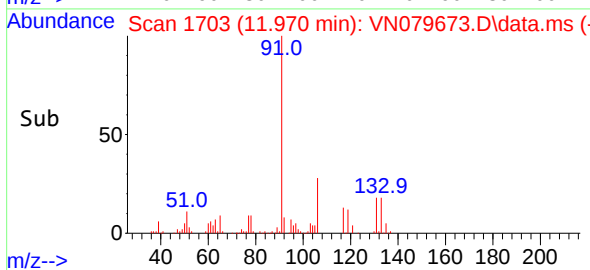
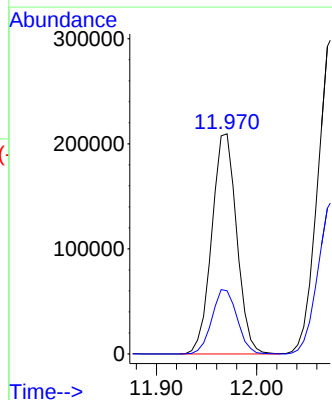
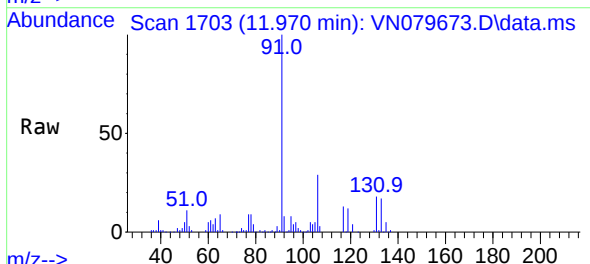
Manual Integrations
APPROVED

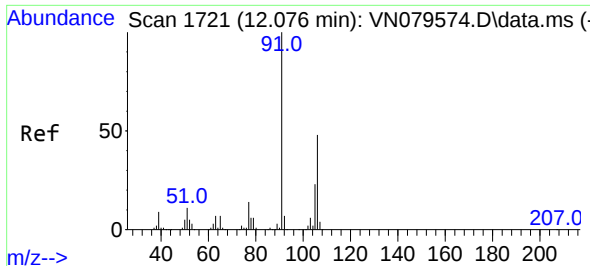
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#66
Ethyl Benzene
Concen: 21.056 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

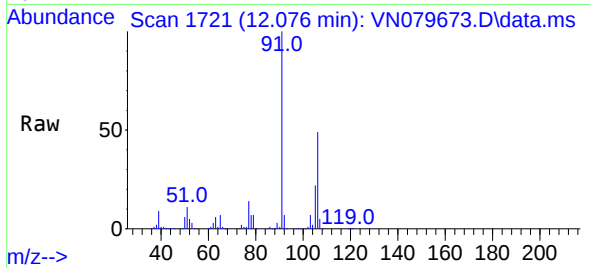
Tgt Ion: 91 Resp: 361123
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.8





#67
m/p-Xylenes
Concen: 44.347 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

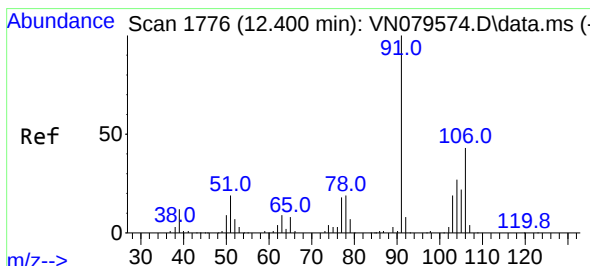
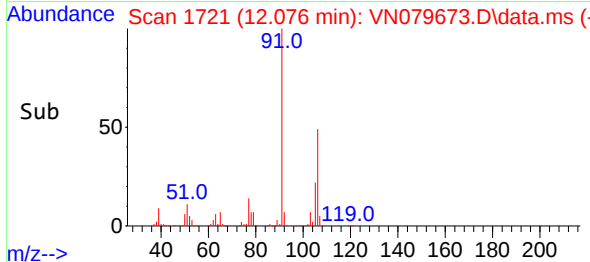
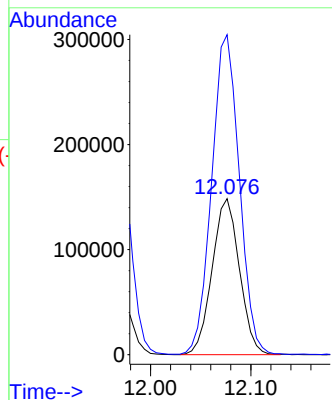
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



Tgt Ion:106 Resp: 281314
Ion Ratio Lower Upper
106 100
91 207.4 161.8 242.6

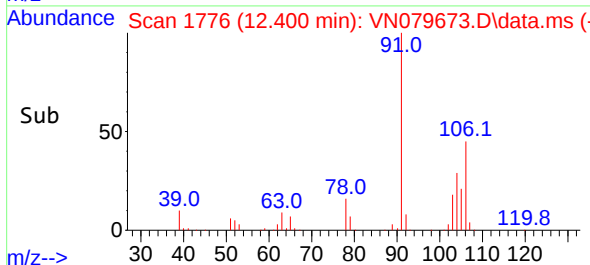
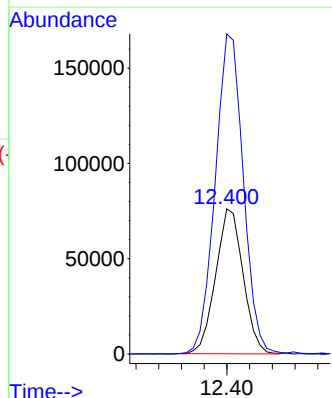
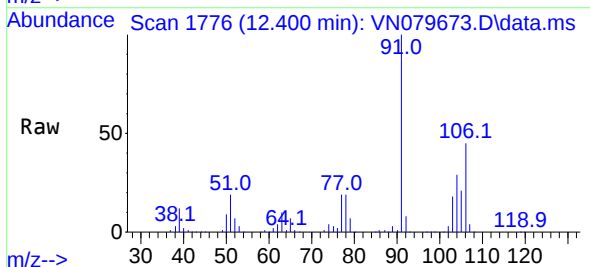
Manual Integrations
APPROVED

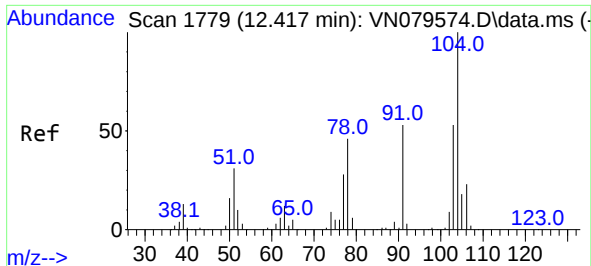
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#68
o-Xylene
Concen: 20.996 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Tgt Ion:106 Resp: 127325
Ion Ratio Lower Upper
106 100
91 226.5 109.9 329.7





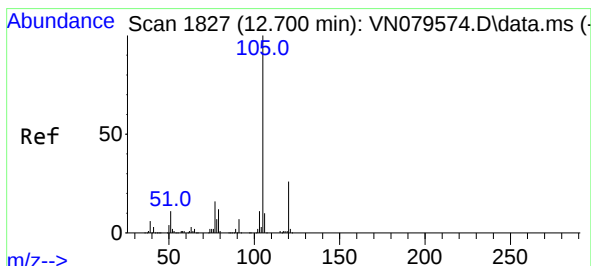
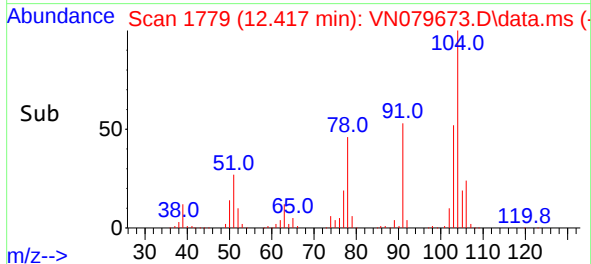
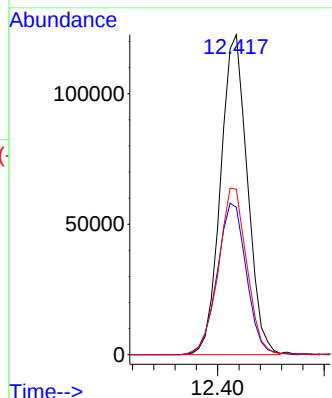
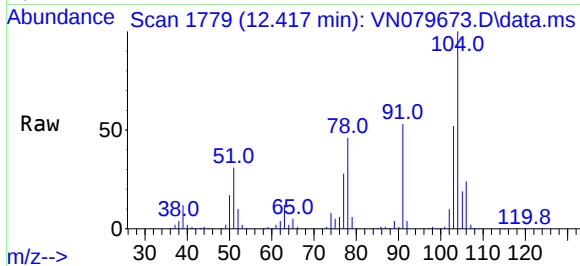
#69
Styrene
Concen: 22.253 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion:104 Resp: 21423
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 55.5 43.1 64.7

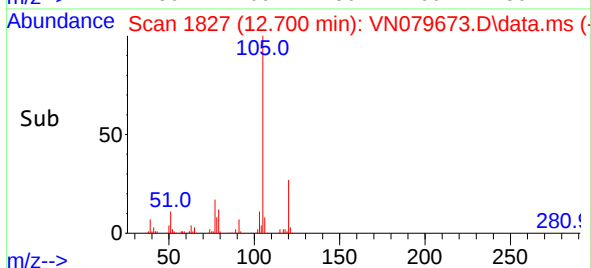
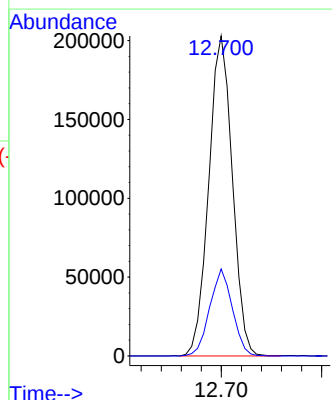
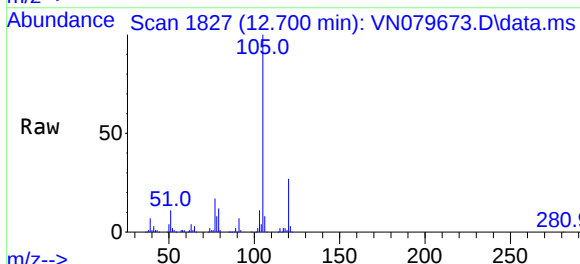
Manual Integrations
APPROVED

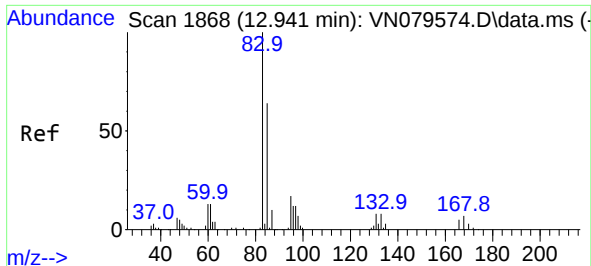
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#70
Isopropylbenzene
Concen: 21.348 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

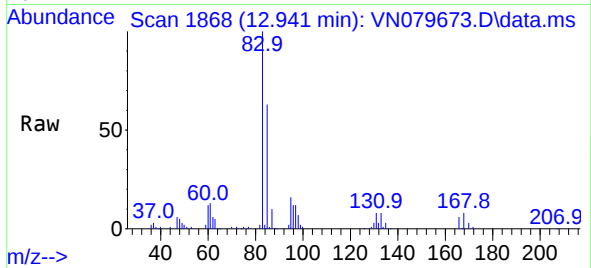
Tgt Ion:105 Resp: 332243
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.548 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

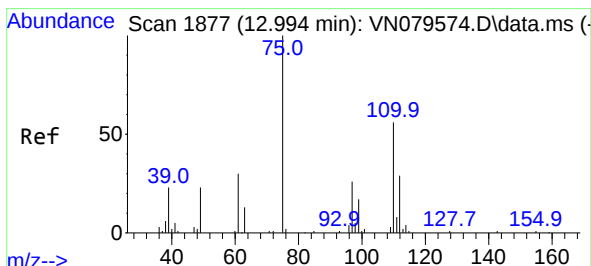
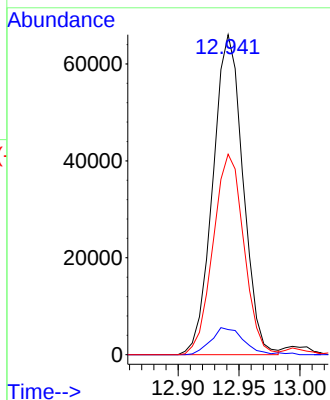
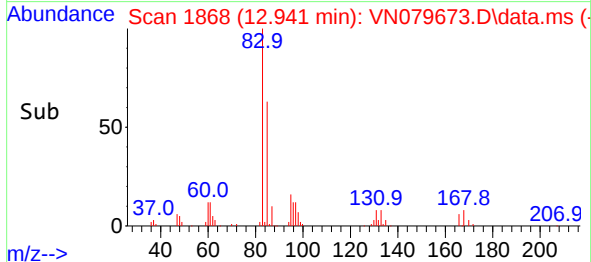
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



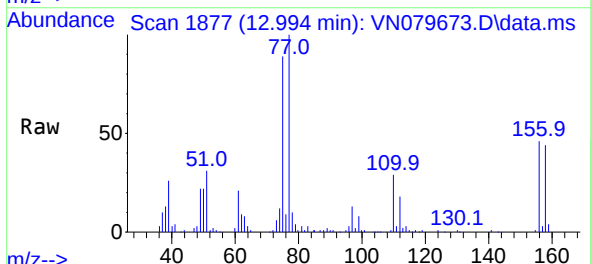
Tgt Ion: 83 Resp: 113708
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.4
85 64.1 32.1 96.3

Manual Integrations
APPROVED

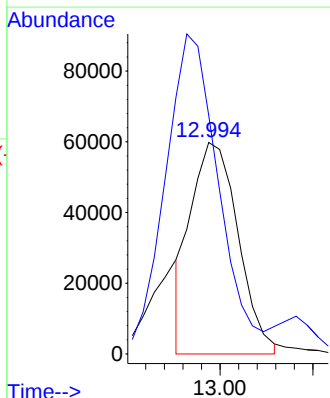
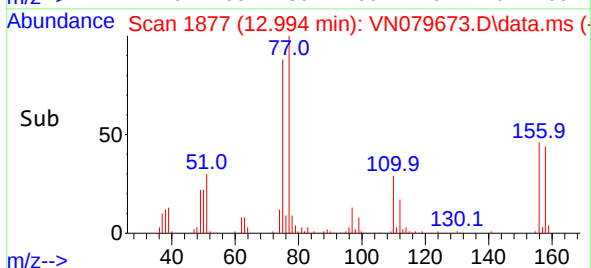
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

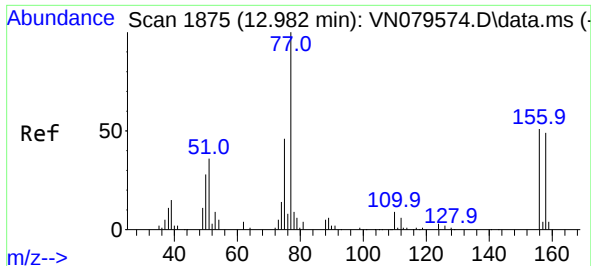


#72
1,2,3-Trichloropropane
Concen: 21.043 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



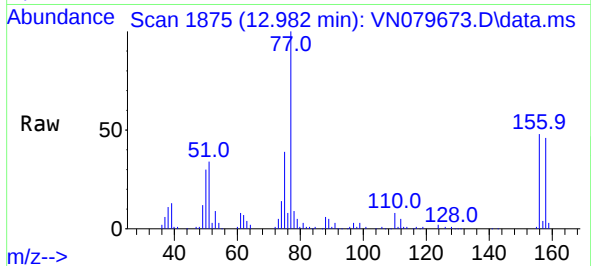
Tgt Ion: 75 Resp: 105745
Ion Ratio Lower Upper
75 100
77 171.2 0.0 338.2





#73
Bromobenzene
Concen: 21.439 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

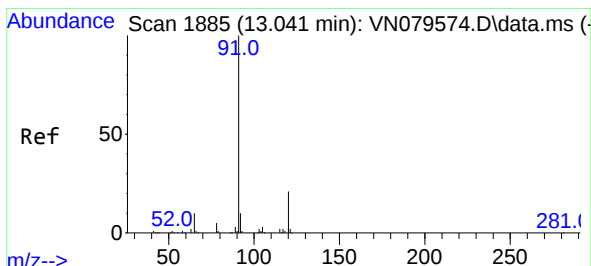
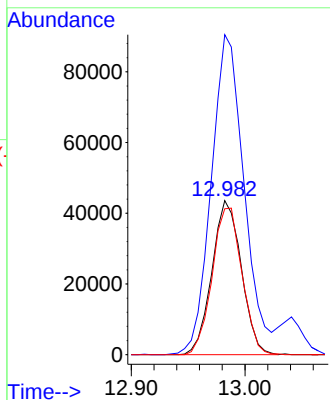
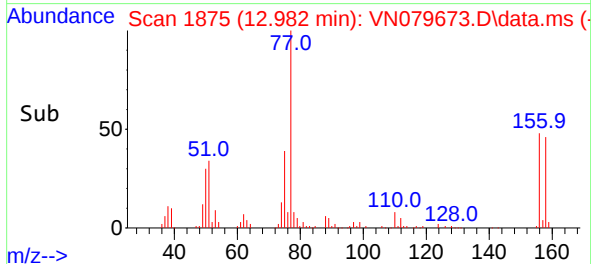
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



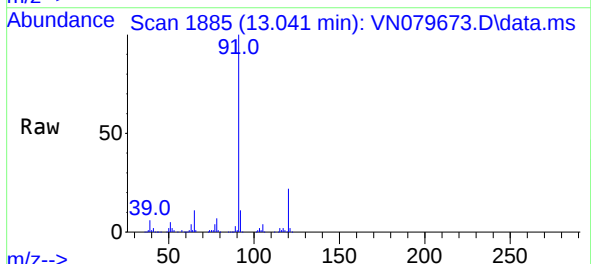
Tgt Ion:156 Resp: 78380
Ion Ratio Lower Upper
156 100
77 231.0 0.0 448.2
158 96.6 0.0 194.8

Manual Integrations
APPROVED

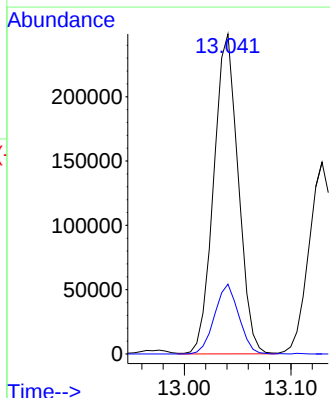
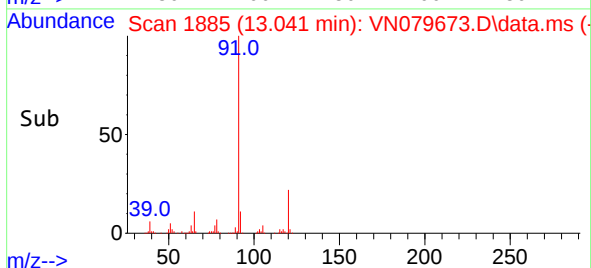
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

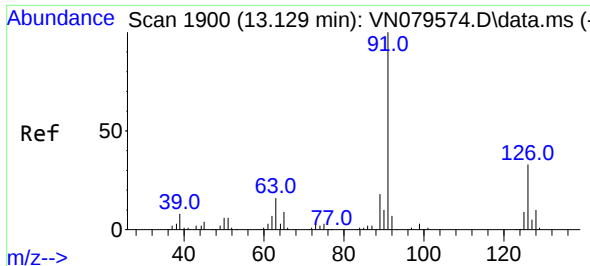


#74
n-propylbenzene
Concen: 21.917 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



Tgt Ion: 91 Resp: 397113
Ion Ratio Lower Upper
91 100
120 21.5 0.0 42.0





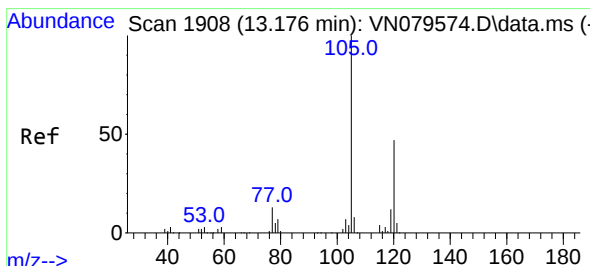
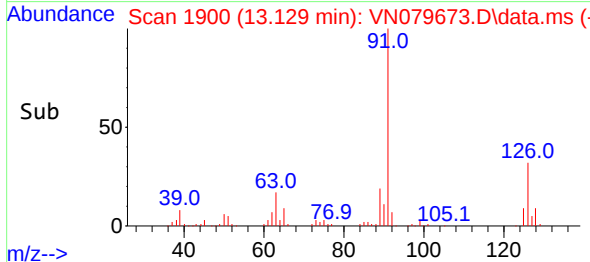
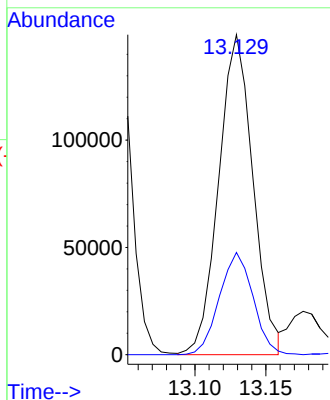
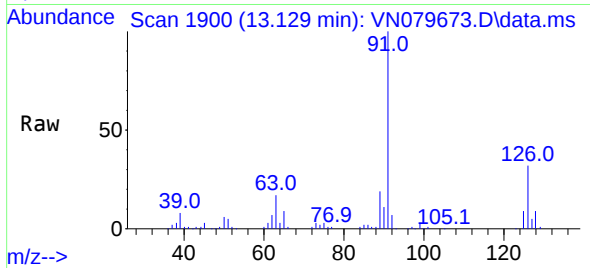
#75
2-Chlorotoluene
Concen: 22.243 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion: 91 Resp: 250548
Ion Ratio Lower Upper
91 100
126 31.3 0.0 64.6

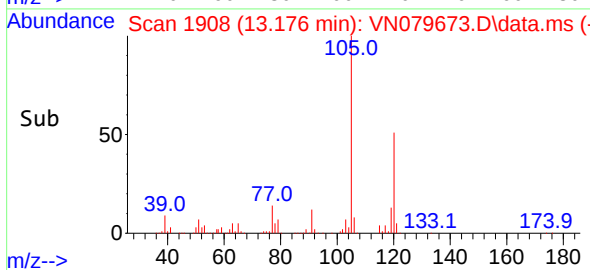
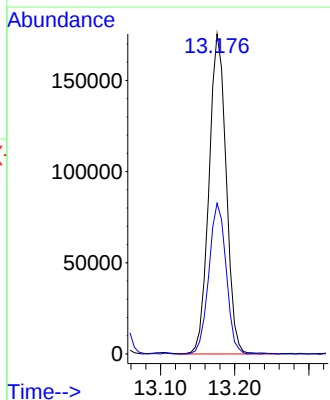
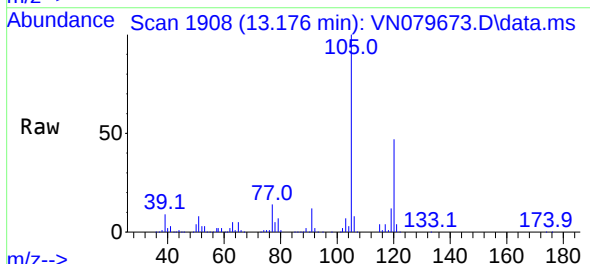
Manual Integrations
APPROVED

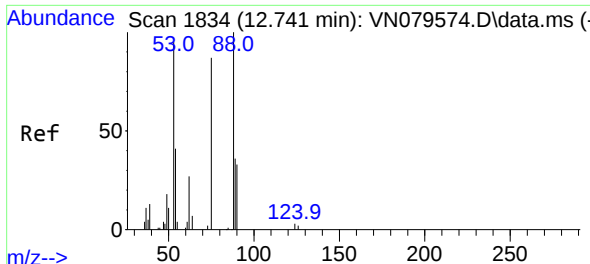
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.216 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

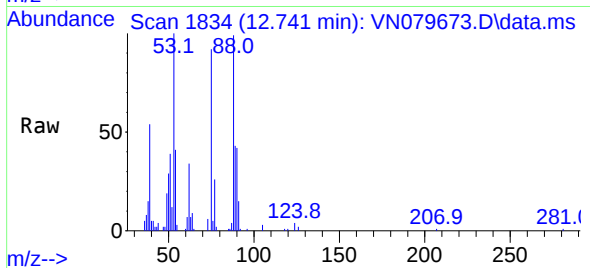
Tgt Ion:105 Resp: 282644
Ion Ratio Lower Upper
105 100
120 47.2 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.177 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

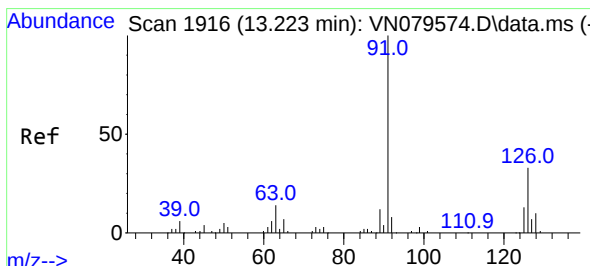
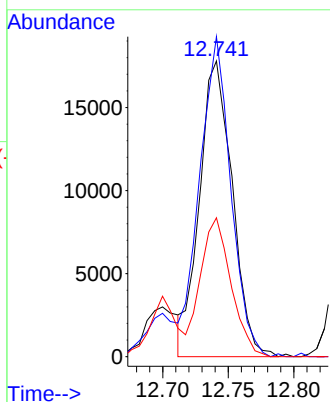
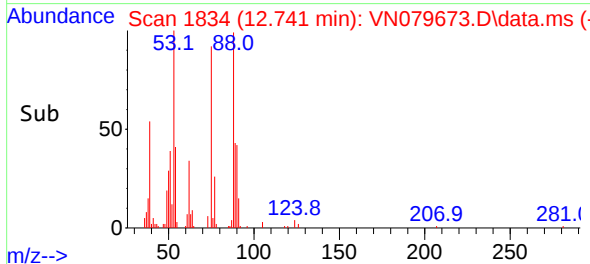
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



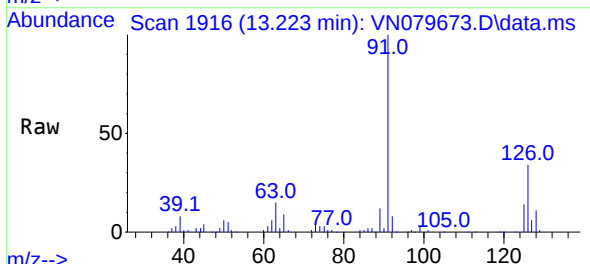
Tgt Ion: 75 Resp: 30940
Ion Ratio Lower Upper
75 100
53 107.3 53.0 159.1
89 47.0 22.6 67.7

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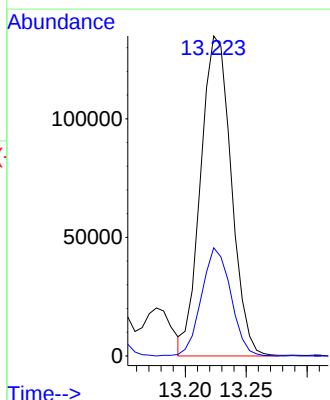
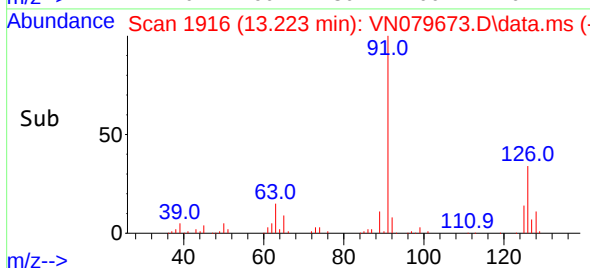
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

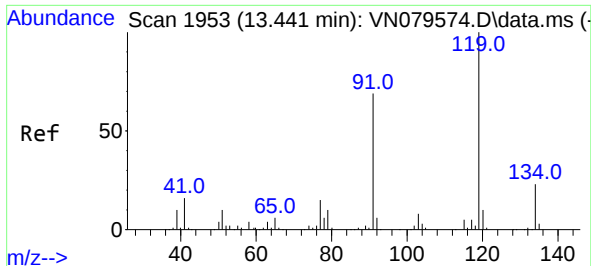


#78
4-Chlorotoluene
Concen: 22.138 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



Tgt Ion: 91 Resp: 235605
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4





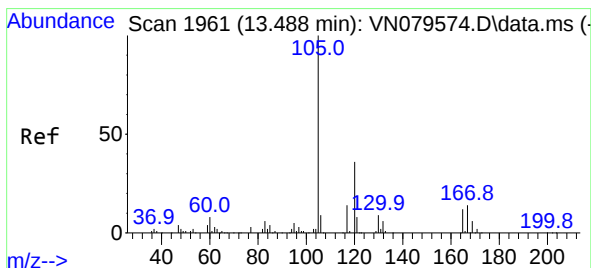
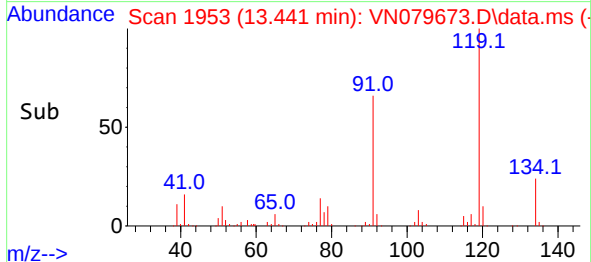
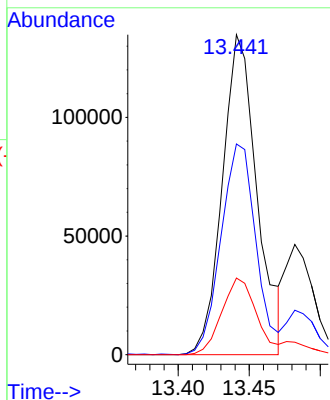
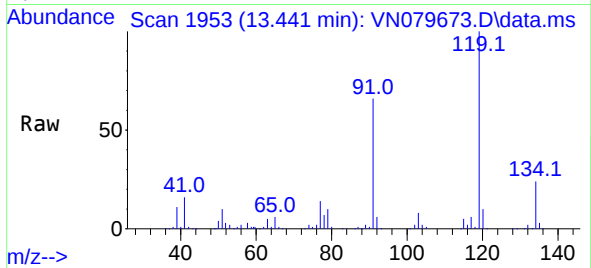
#79
tert-butylbenzene
Concen: 22.433 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion:119 Resp: 22946
Ion Ratio Lower Upper
119 100
91 66.3 0.0 140.6
134 23.9 0.0 49.8

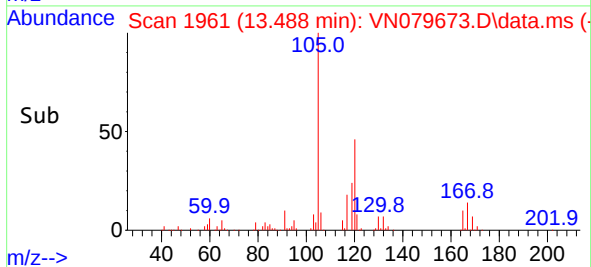
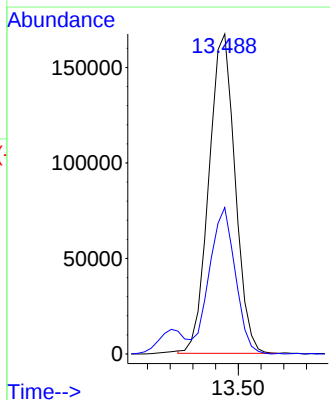
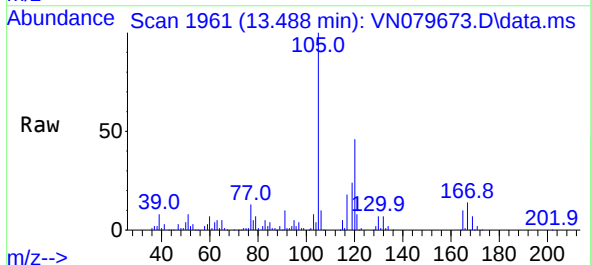
Manual Integrations
APPROVED

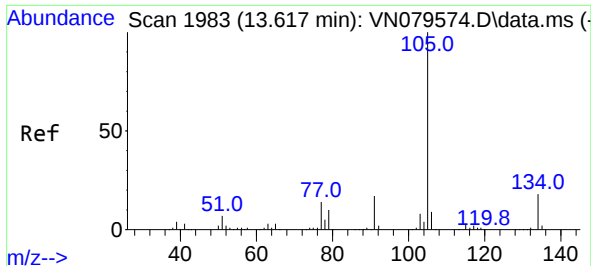
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.743 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

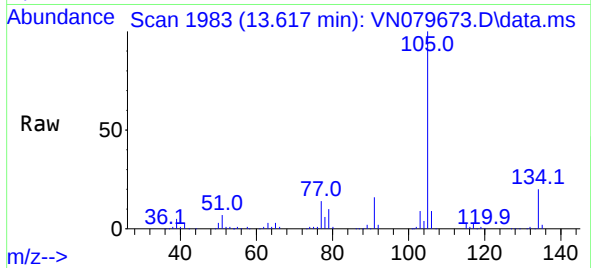
Tgt Ion:105 Resp: 268040
Ion Ratio Lower Upper
105 100
120 45.1 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 21.222 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079673.D
 Acq: 25 Oct 2023 11:07

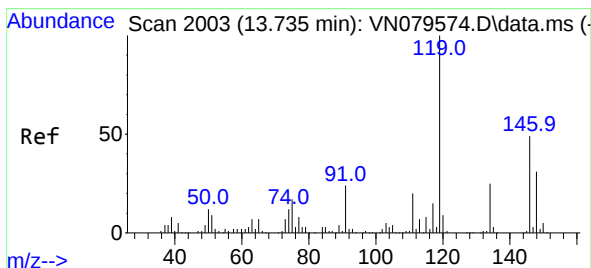
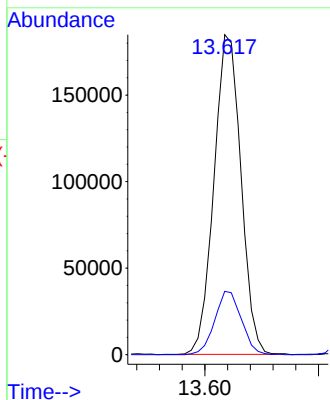
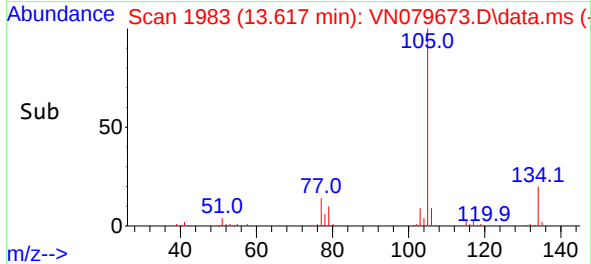
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBS01



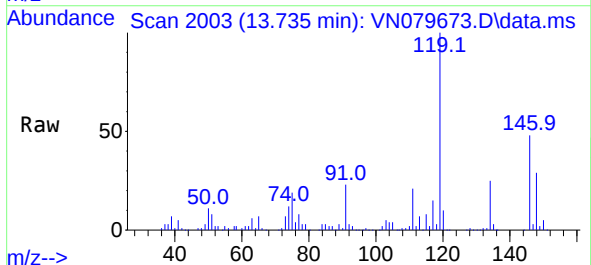
Tgt Ion:105 Resp: 304745
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.2

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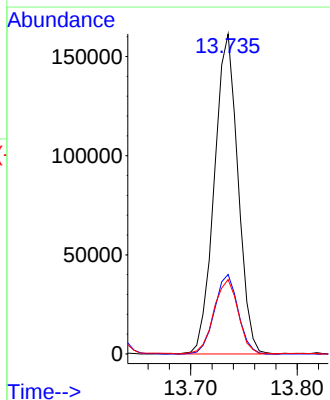
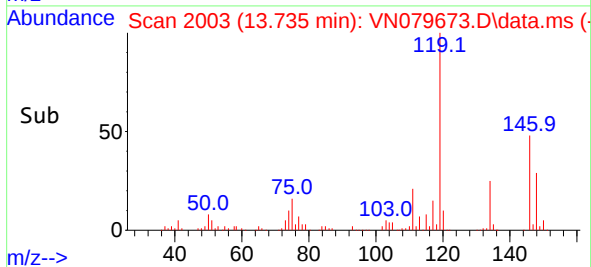
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

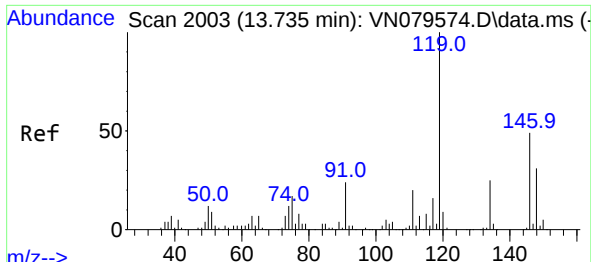


#82
 p-Isopropyltoluene
 Concen: 21.805 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079673.D
 Acq: 25 Oct 2023 11:07



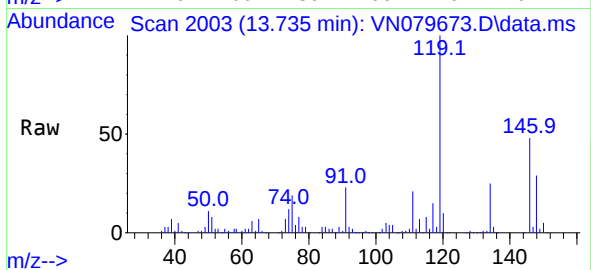
Tgt Ion:119 Resp: 248378
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 52.2
 91 24.0 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 22.449 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

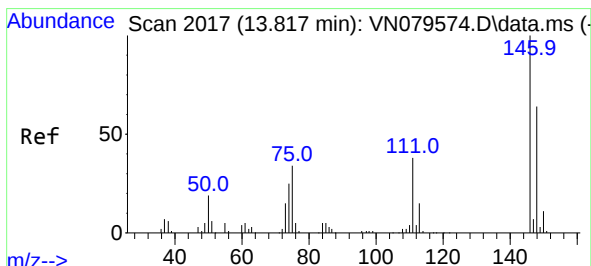
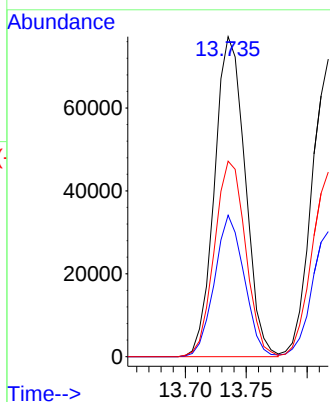
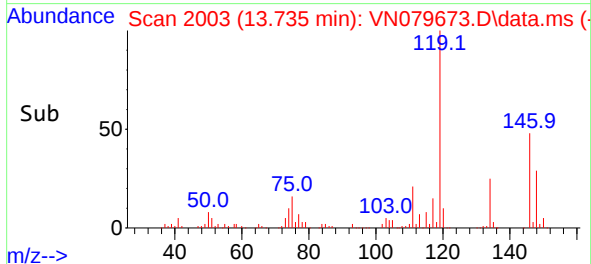
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



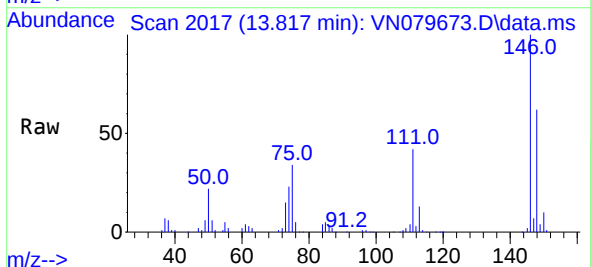
Tgt Ion:146 Resp: 13495
Ion Ratio Lower Upper
146 100
111 43.1 21.0 63.0
148 62.3 32.4 97.0

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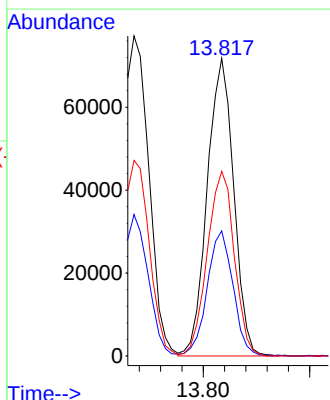
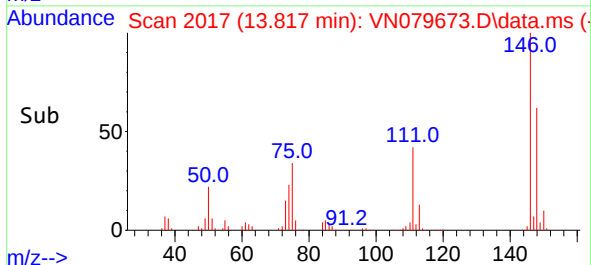
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

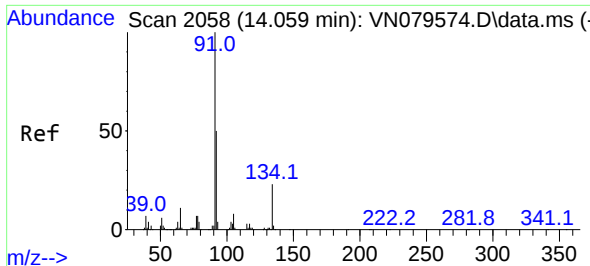


#84
1,4-Dichlorobenzene
Concen: 21.526 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07



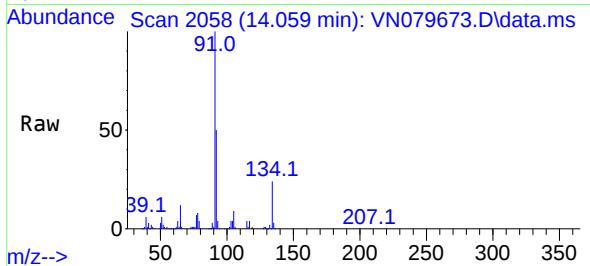
Tgt Ion:146 Resp: 124058
Ion Ratio Lower Upper
146 100
111 40.9 19.9 59.7
148 63.4 32.6 97.7





#85
n-Butylbenzene
Concen: 20.945 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

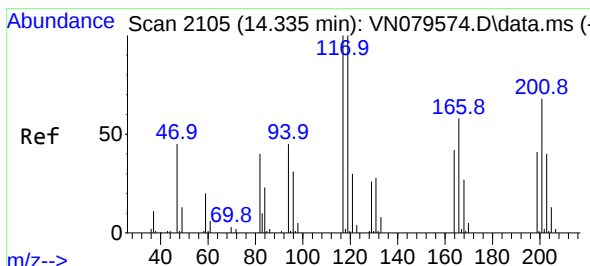
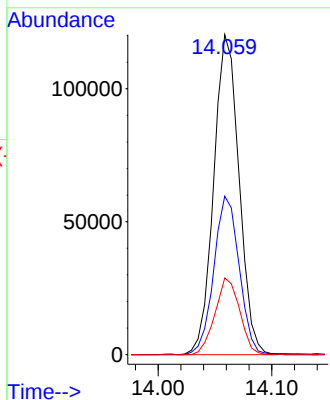
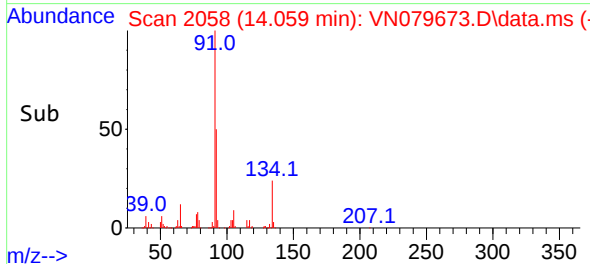
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



Tgt Ion: 91 Resp: 18640
Ion Ratio Lower Upper
91 100
92 49.6 0.0 99.6
134 23.4 0.0 46.2

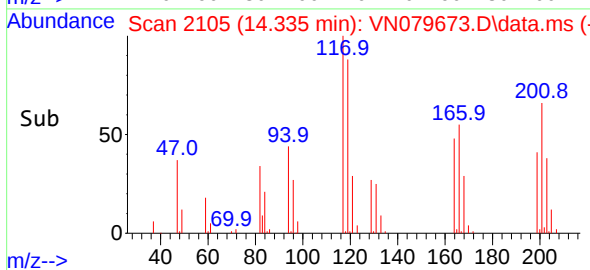
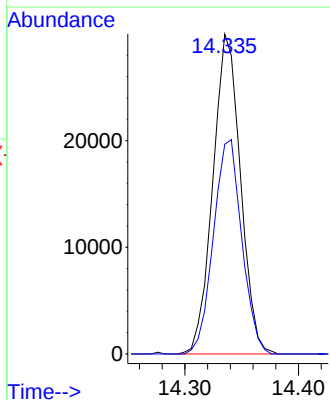
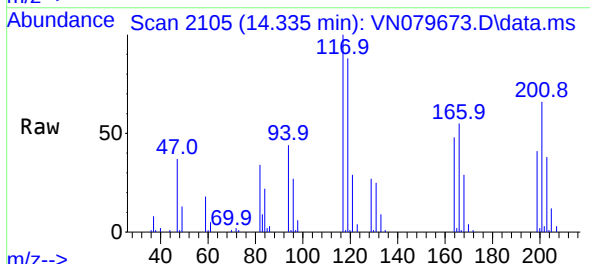
Manual Integrations
APPROVED

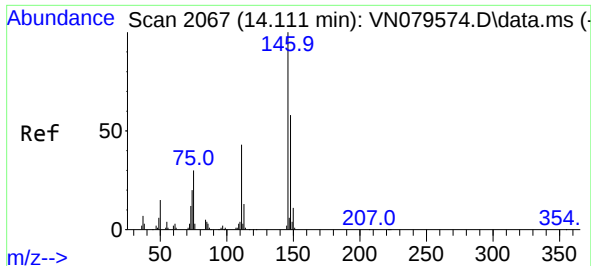
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#86
Hexachloroethane
Concen: 20.587 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Tgt Ion:117 Resp: 50697
Ion Ratio Lower Upper
117 100
201 68.7 32.5 97.5





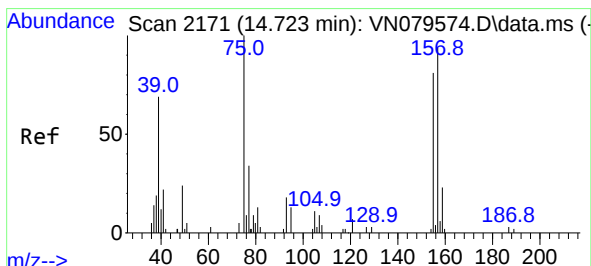
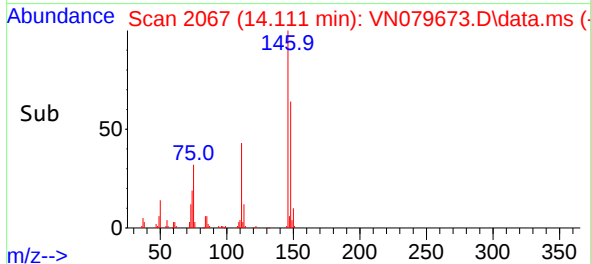
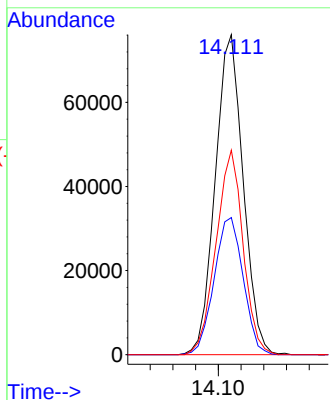
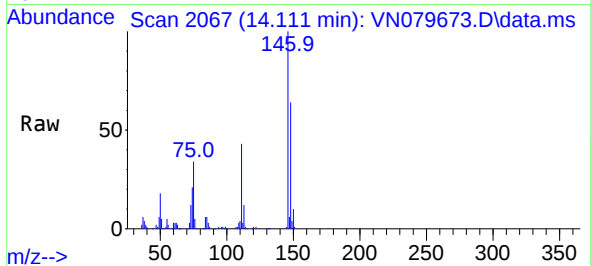
#87
1,2-Dichlorobenzene
Concen: 21.761 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01

Tgt Ion:146 Resp: 13003
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 62.0 31.1 93.5

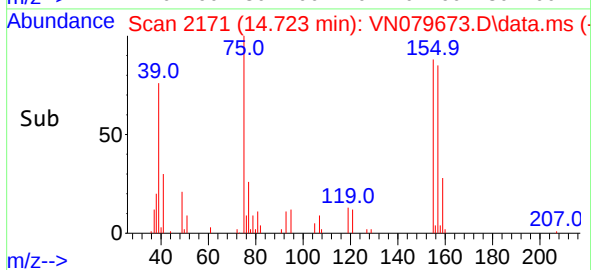
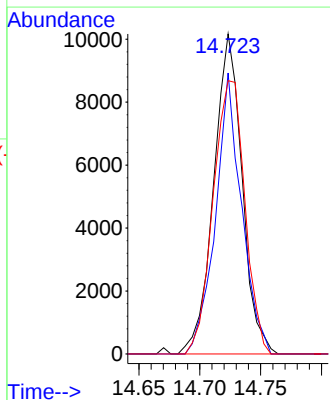
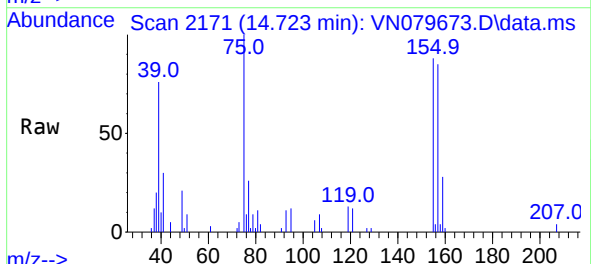
Manual Integrations
APPROVED

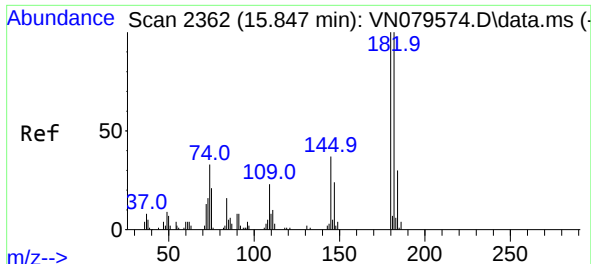
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.548 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Tgt Ion: 75 Resp: 16483
Ion Ratio Lower Upper
75 100
155 80.4 60.7 91.1
157 95.3 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 16.807 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN079673.D

Acq: 25 Oct 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN1025WBS01

Tgt Ion:180 Resp: 3539

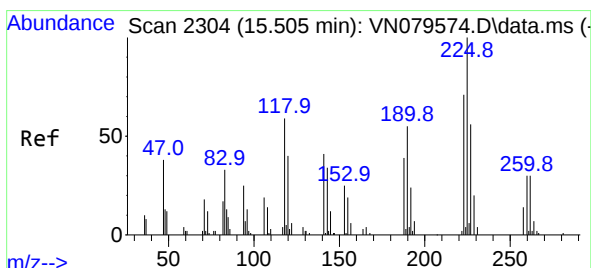
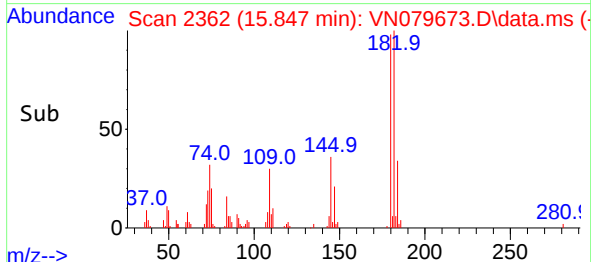
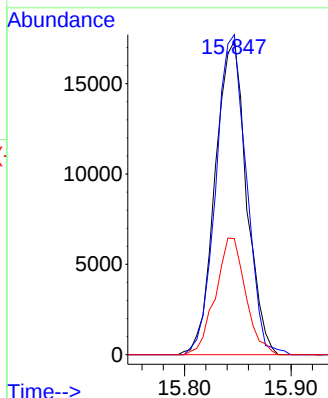
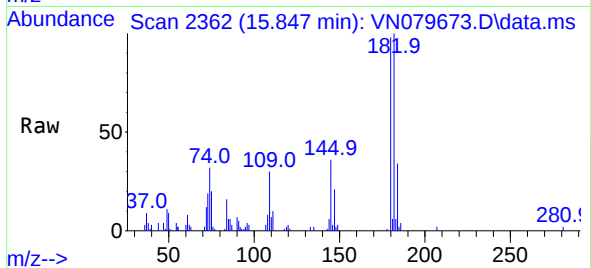
Ion	Ratio	Lower	Upper
180	100		
182	98.7	74.2	111.4
145	35.8	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#90

Hexachlorobutadiene

Concen: 21.259 ug/l

RT: 15.506 min Scan# 2304

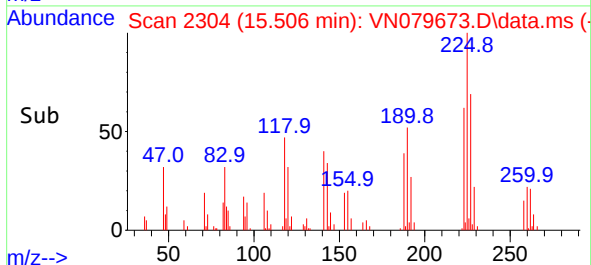
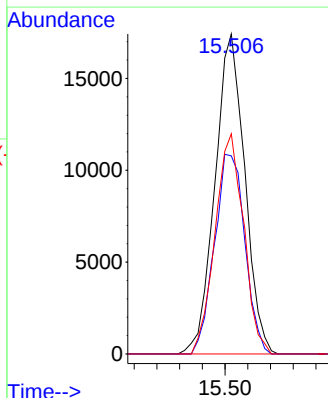
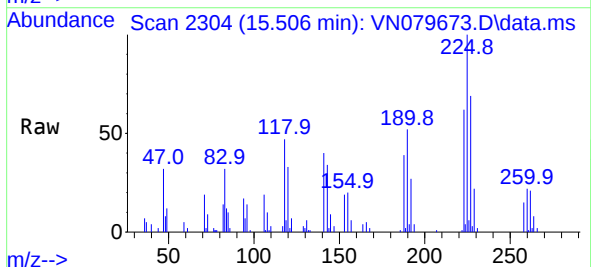
Delta R.T. 0.000 min

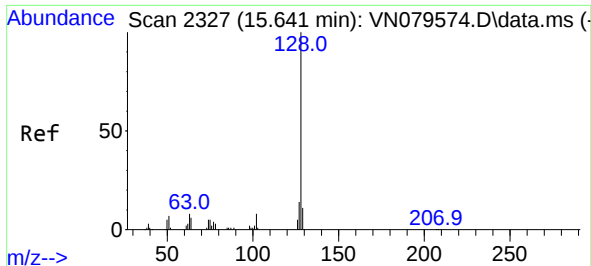
Lab File: VN079673.D

Acq: 25 Oct 2023 11:07

Tgt Ion:225 Resp: 31715

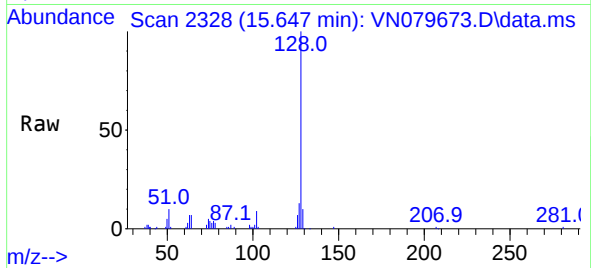
Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	126.0
227	66.0	0.0	127.0





#91
Naphthalene
Concen: 14.081 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

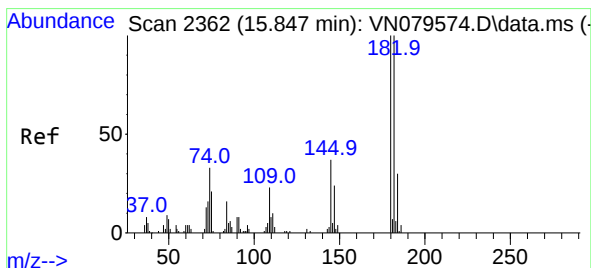
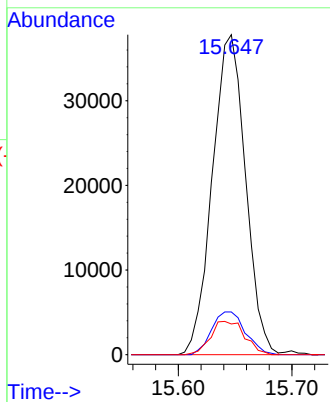
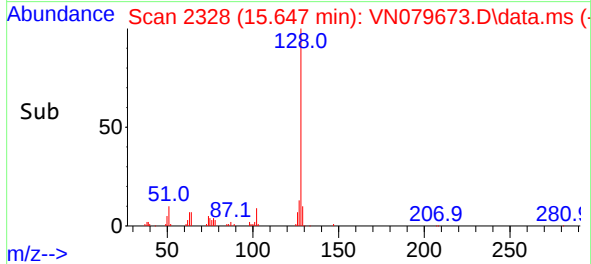
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBS01



Tgt Ion:128 Resp: 7650
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 7.1 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: 16.807 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079673.D
Acq: 25 Oct 2023 11:07

Tgt Ion:180 Resp: 35398
Ion Ratio Lower Upper
180 100
182 98.7 0.0 185.6
145 35.8 0.0 63.6

