

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078594.D
 Acq On : 20 Jul 2023 15:23
 Operator : JC\MD
 Sample : VN0720MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 21 06:14:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	516321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	872664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	759607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	310141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	317689	45.897	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.800%		
35) Dibromofluoromethane	8.177	113	281657	47.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	10.571	98	1034492	46.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.460%		
62) 4-Bromofluorobenzene	12.853	95	326956	47.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	102619	16.211	ug/l	94
3) Chloromethane	2.371	50	118371	17.204	ug/l	96
4) Vinyl Chloride	2.518	62	161043	18.093	ug/l	97
5) Bromomethane	2.959	94	103306	14.855	ug/l	95
6) Chloroethane	3.124	64	98203	16.970	ug/l	91
7) Trichlorofluoromethane	3.506	101	188397	17.707	ug/l	96
8) Diethyl Ether	3.971	74	65150	18.379	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.389	101	107001	18.998	ug/l	96
10) Methyl Iodide	4.606	142	125934	16.271	ug/l	90
11) Tert butyl alcohol	5.530	59	97383	91.237	ug/l #	81
12) 1,1-Dichloroethene	4.348	96	95669	17.560	ug/l	96
13) Acrolein	4.189	56	102894	97.981	ug/l	95
14) Allyl chloride	5.036	41	127758	17.161	ug/l	94
15) Acrylonitrile	5.730	53	251707	93.334	ug/l	99
16) Acetone	4.442	43	232948	108.039	ug/l	99
17) Carbon Disulfide	4.724	76	234467	14.883	ug/l	97
18) Methyl Acetate	5.042	43	166666	18.260	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	335111	18.669	ug/l	100
20) Methylene Chloride	5.289	84	120749	18.760	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	107805	17.560	ug/l	90
22) Diisopropyl ether	6.683	45	323421	19.402	ug/l #	93
23) Vinyl Acetate	6.618	43	989424	93.365	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	204666	18.221	ug/l	98
25) 2-Butanone	7.494	43	331205	97.583	ug/l	88
26) 2,2-Dichloropropane	7.506	77	178083	19.384	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	131016	18.447	ug/l	93
28) Bromochloromethane	7.824	49	94836	17.926	ug/l	89
29) Tetrahydrofuran	7.847	42	194663	87.407	ug/l	86
30) Chloroform	7.971	83	223882	19.145	ug/l	93
31) Cyclohexane	8.265	56	158137	16.905	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	200734	19.146	ug/l	99
36) 1,1-Dichloropropene	8.377	75	158167	18.491	ug/l	97
37) Ethyl Acetate	7.571	43	134190	18.819	ug/l	94
38) Carbon Tetrachloride	8.371	117	175620	18.891	ug/l	98
39) Methylcyclohexane	9.606	83	145631	18.652	ug/l	89
40) Benzene	8.612	78	488018	19.258	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	66928	18.412	ug/l	94
42) 1,2-Dichloroethane	8.677	62	166656	19.335	ug/l	98
43) Isopropyl Acetate	8.700	43	243528	20.745	ug/l #	91
44) Trichloroethene	9.359	130	125000	18.302	ug/l	95
45) 1,2-Dichloropropane	9.624	63	124297	19.367	ug/l	94
46) Dibromomethane	9.712	93	85503	18.928	ug/l	89
47) Bromodichloromethane	9.894	83	175169	19.345	ug/l	93
48) Methyl methacrylate	9.688	41	98748	18.156	ug/l	92
49) 1,4-Dioxane	9.700	88	43763	368.971	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	676954	96.947	ug/l	95
52) Toluene	10.635	92	302550	19.264	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	179856	19.388	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	193211	19.539	ug/l #	92
55) 1,1,2-Trichloroethane	11.024	97	124992	20.199	ug/l	96
56) Ethyl methacrylate	10.882	69	171381	19.813	ug/l	90
57) 1,3-Dichloropropane	11.171	76	204367	19.424	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	276914	89.830	ug/l	92
59) 2-Hexanone	11.200	43	494262	99.596	ug/l	90
60) Dibromochloromethane	11.365	129	133180	19.495	ug/l	98
61) 1,2-Dibromoethane	11.477	107	124913	19.596	ug/l	98
64) Tetrachloroethene	11.112	164	104605	18.317	ug/l	91
65) Chlorobenzene	11.900	112	322045	18.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	130616	19.997	ug/l	98
67) Ethyl Benzene	11.971	91	556250	19.381	ug/l	97
68) m/p-Xylenes	12.076	106	422740	39.839	ug/l	96
69) o-Xylene	12.406	106	210999	19.686	ug/l	100
70) Styrene	12.418	104	333551	19.892	ug/l	98
71) Bromoform	12.582	173	85371	19.299	ug/l #	97
73) Isopropylbenzene	12.700	105	527795	18.111	ug/l	99
74) N-amyl acetate	12.500	43	179480	17.871	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	171417	19.149	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	136661m	18.230	ug/l	
77) Bromobenzene	12.988	156	125553	18.849	ug/l	95
78) n-propylbenzene	13.041	91	582542	18.692	ug/l	99
79) 2-Chlorotoluene	13.129	91	367938	18.024	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	417571	18.135	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	47698	16.720	ug/l	90
82) 4-Chlorotoluene	13.229	91	340597	17.885	ug/l	96
83) tert-Butylbenzene	13.447	119	359986	18.414	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	422058	18.871	ug/l	99
85) sec-Butylbenzene	13.623	105	465930	18.856	ug/l	98
86) p-Isopropyltoluene	13.735	119	375256	18.913	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	208999	18.681	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	201639	17.894	ug/l	99
89) n-Butylbenzene	14.059	91	288170	20.298	ug/l	97
90) Hexachloroethane	14.341	117	72683	19.432	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	202625	18.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25691	17.153	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	57266	16.116	ug/l	95
94) Hexachlorobutadiene	15.512	225	41916	20.348	ug/l	97
95) Naphthalene	15.647	128	177623	14.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	68775	16.833	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

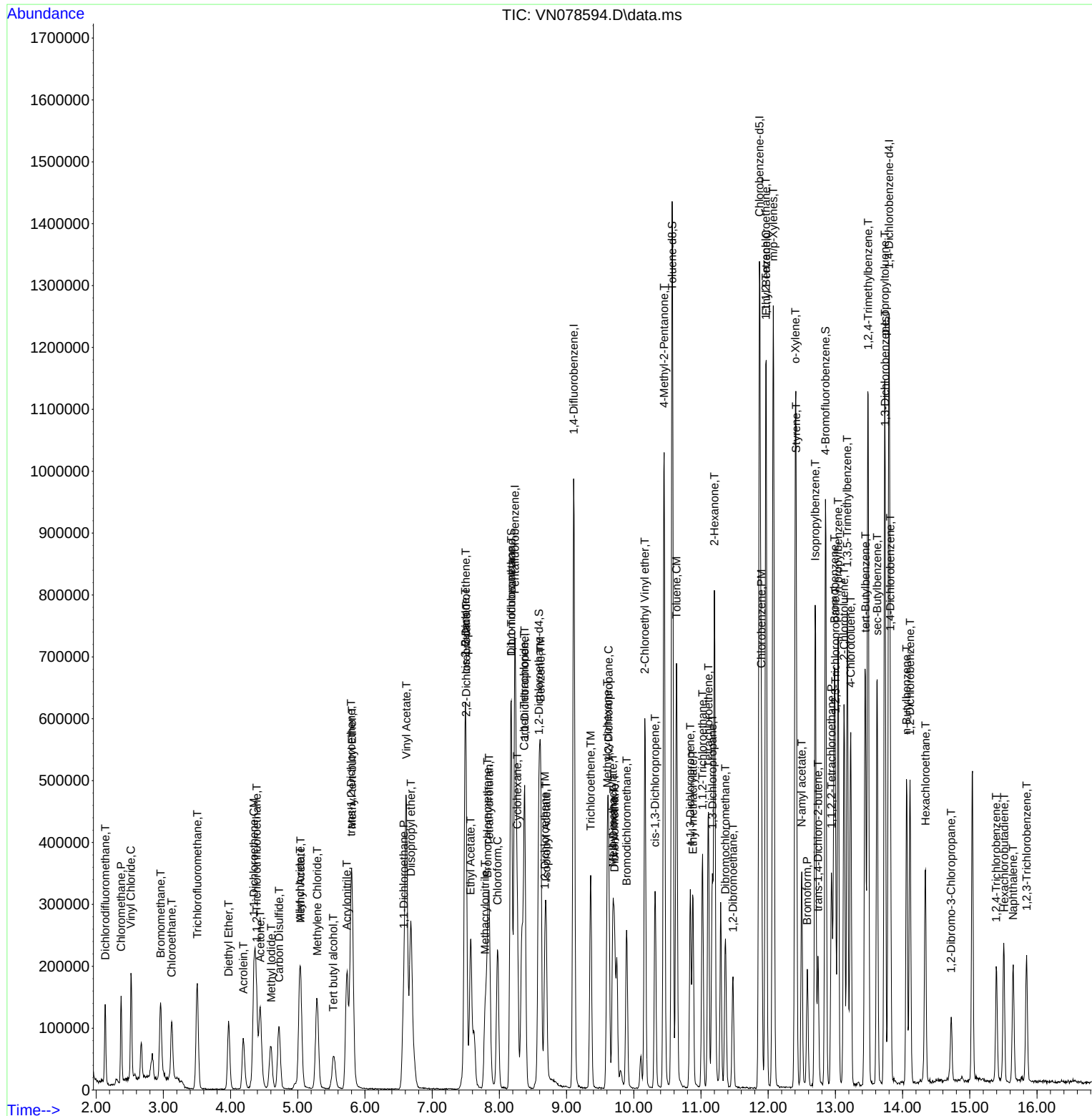
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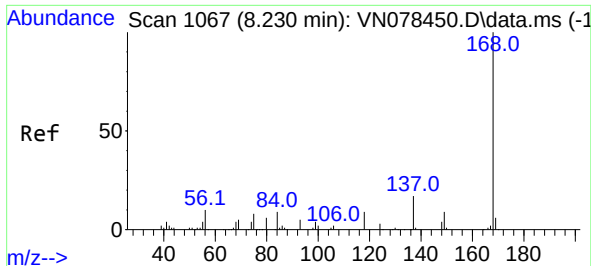
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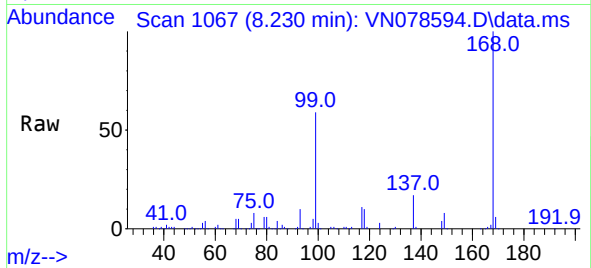
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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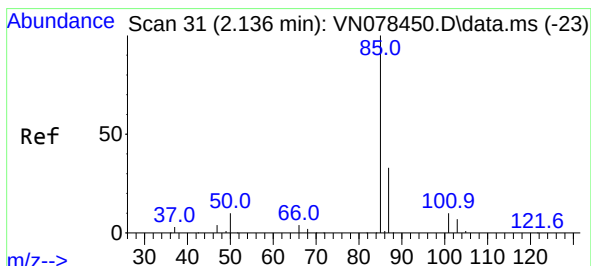
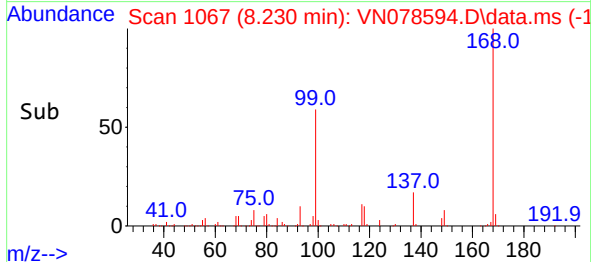
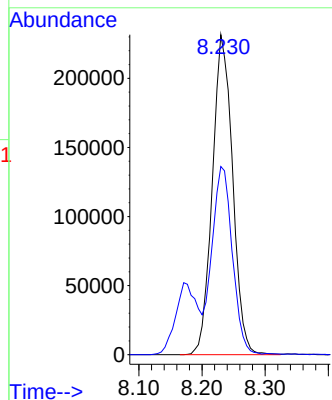
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 51632
Ion Ratio Lower Upper
168 100
99 58.6 53.0 79.6

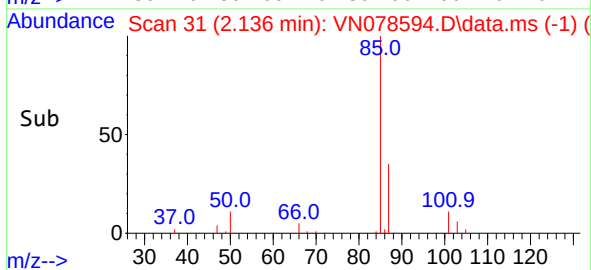
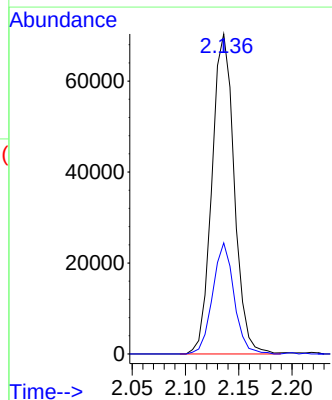
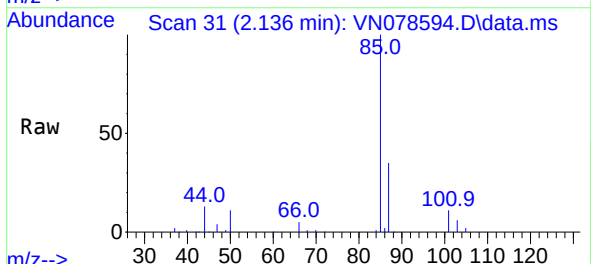
Manual Integrations
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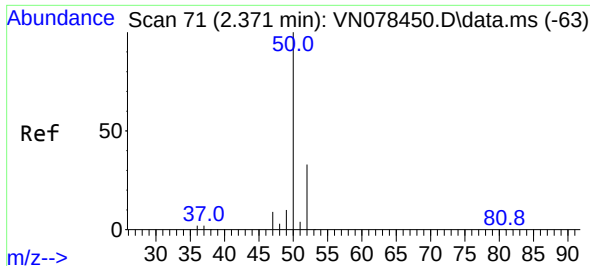
Reviewed By :John Carlone 07/21/2023
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#2
Dichlorodifluoromethane
Concen: 16.211 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

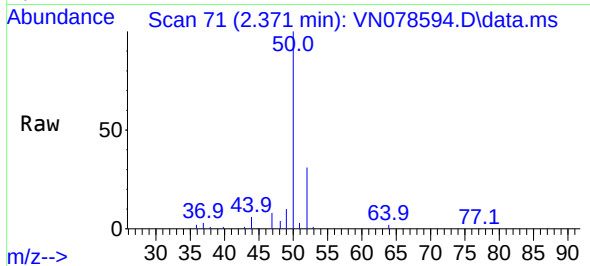
Tgt Ion: 85 Resp: 102619
Ion Ratio Lower Upper
85 100
87 34.7 15.8 47.4





#3
Chloromethane
Concen: 17.204 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

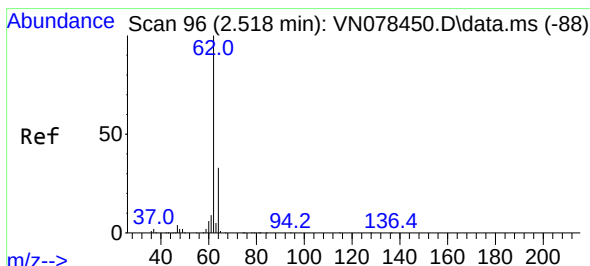
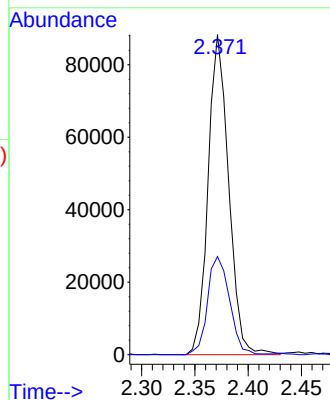
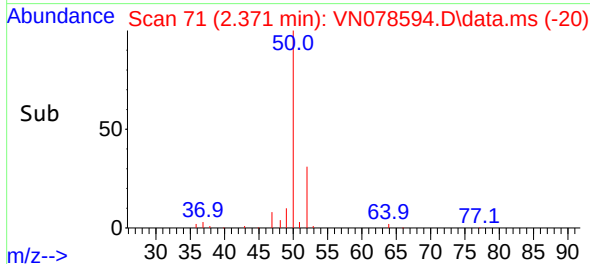
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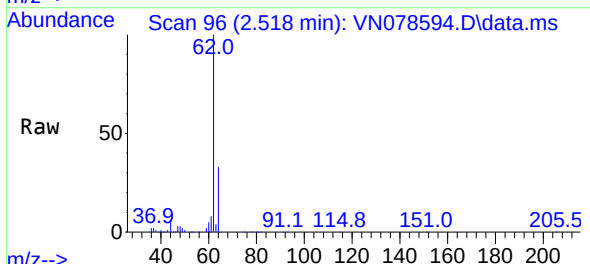
Tgt Ion: 50 Resp: 11837
Ion Ratio Lower Upper
50 100
52 30.7 26.5 39.7

Manual Integrations
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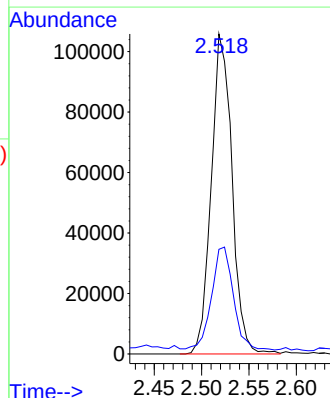
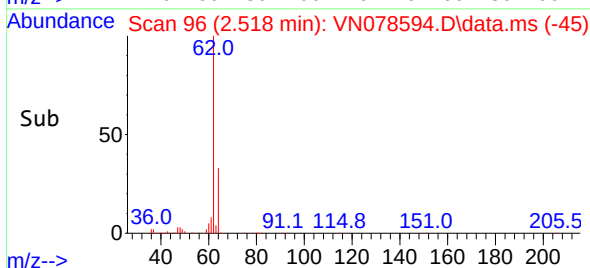
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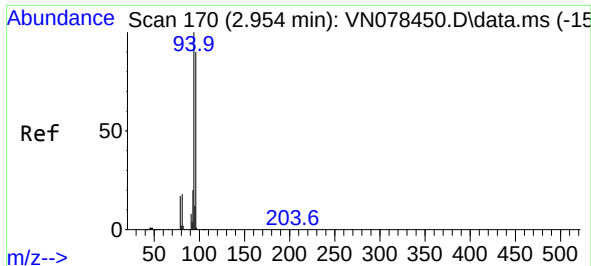


#4
Vinyl Chloride
Concen: 18.093 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



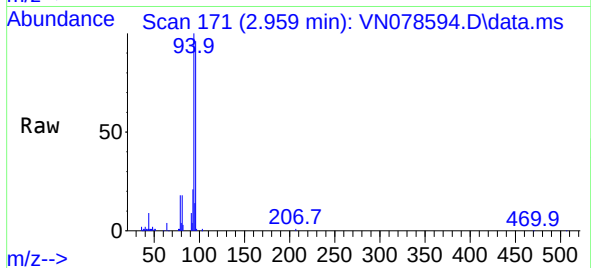
Tgt Ion: 62 Resp: 161043
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





#5
Bromomethane
Concen: 14.855 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

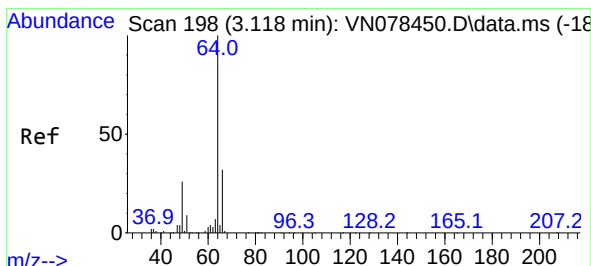
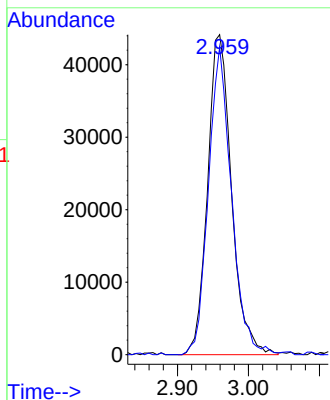
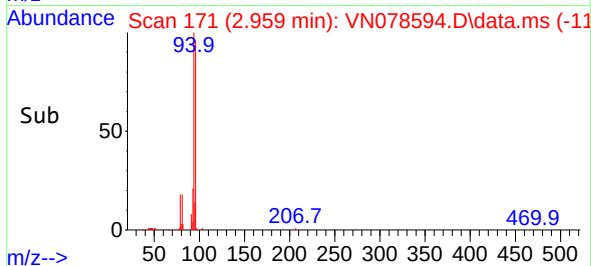
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Tgt Ion: 94 Resp: 103300
Ion Ratio Lower Upper
94 100
96 96.2 73.1 109.7

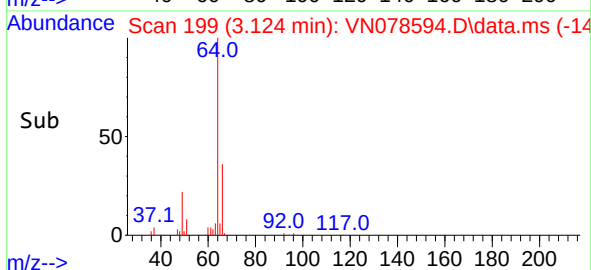
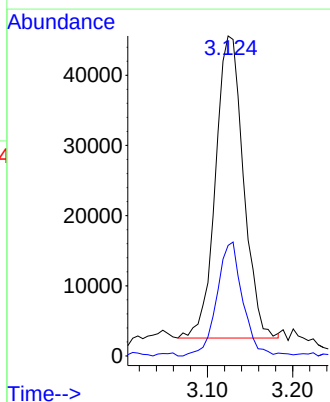
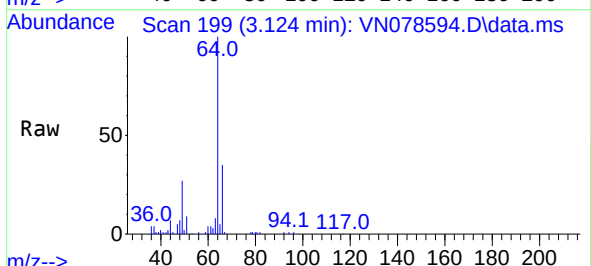
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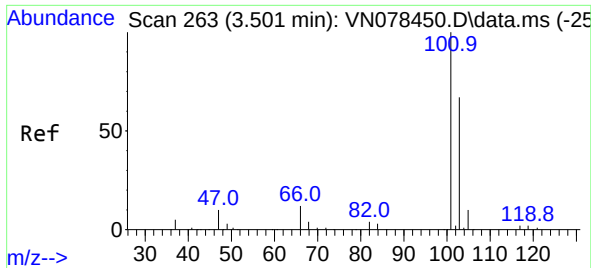
Reviewed By :John Carlone 07/21/2023
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#6
Chloroethane
Concen: 16.970 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

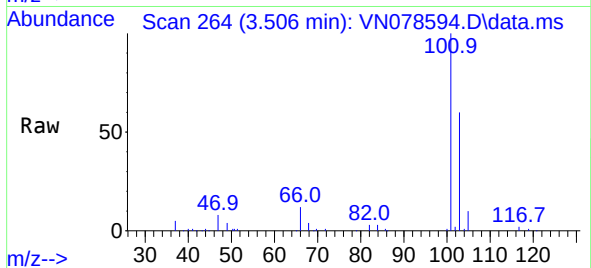
Tgt Ion: 64 Resp: 98203
Ion Ratio Lower Upper
64 100
66 36.6 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.707 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.005 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23

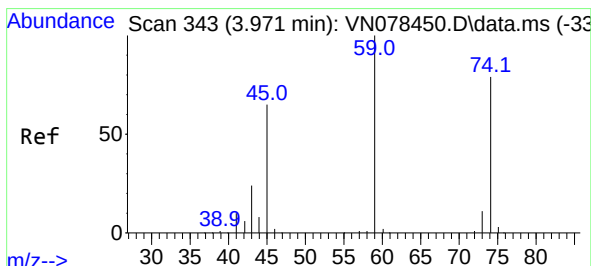
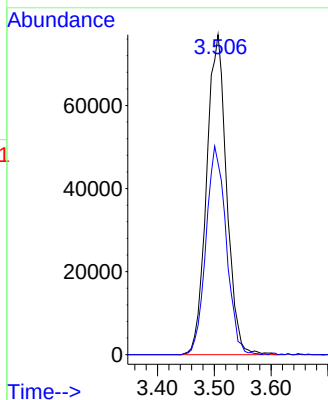
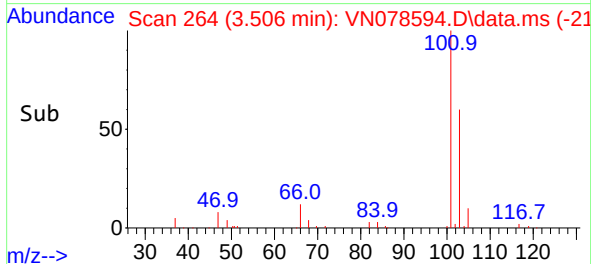
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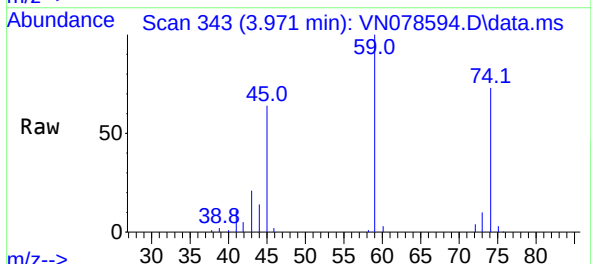
Tgt Ion:101 Resp: 18839
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.7 76.1

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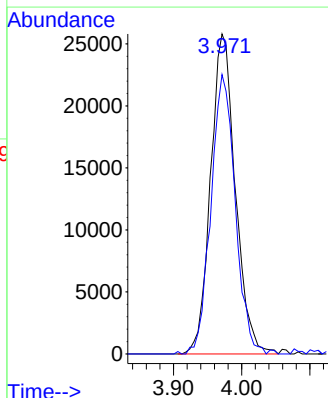
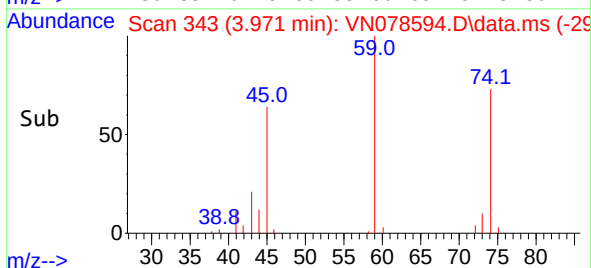
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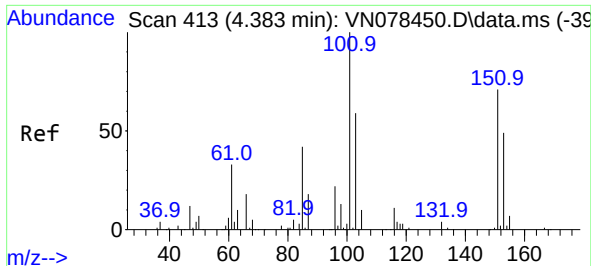


#8
 Diethyl Ether
 Concen: 18.379 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23



Tgt Ion: 74 Resp: 65150
 Ion Ratio Lower Upper
 74 100
 45 86.0 34.4 103.3





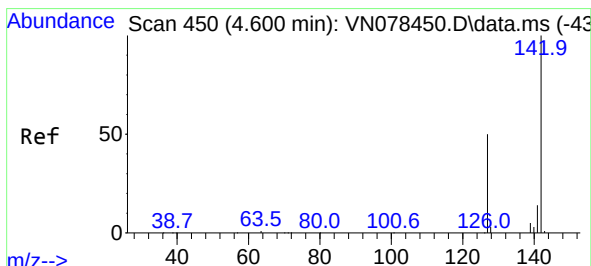
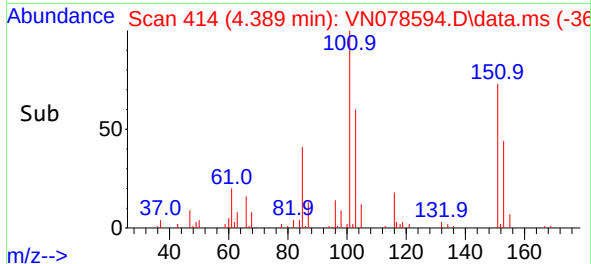
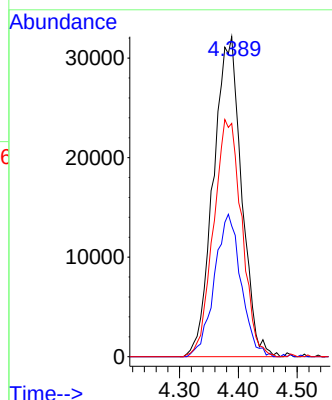
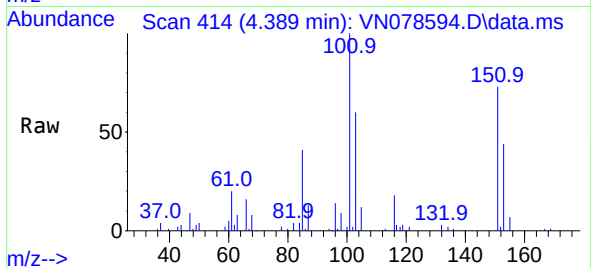
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.998 ug/l
RT: 4.389 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:101 Resp: 107000
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 74.4 57.6 86.4

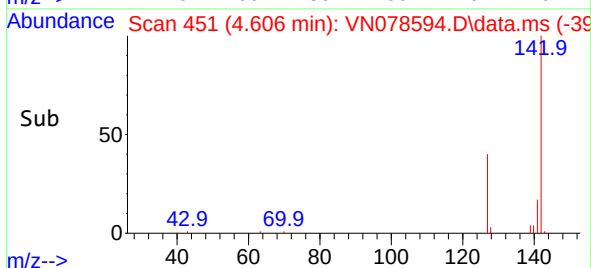
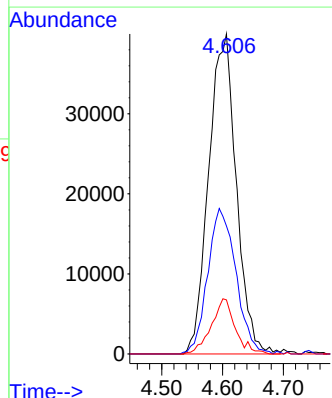
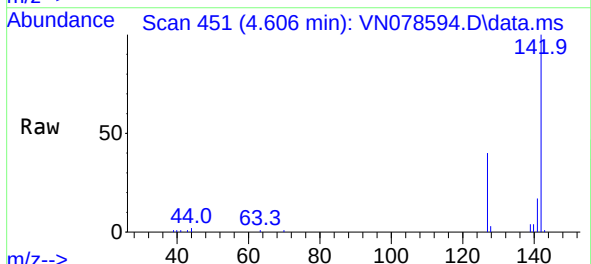
Manual Integrations
APPROVED

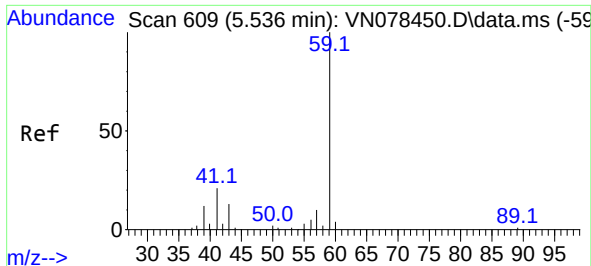
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#10
Methyl Iodide
Concen: 16.271 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

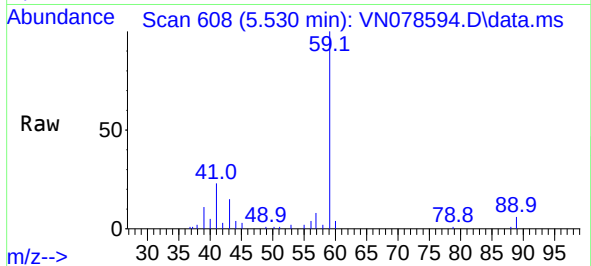
Tgt Ion:142 Resp: 125934
Ion Ratio Lower Upper
142 100
127 40.0 37.6 56.4
141 16.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 91.237 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

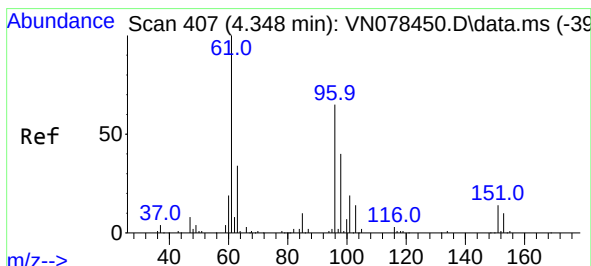
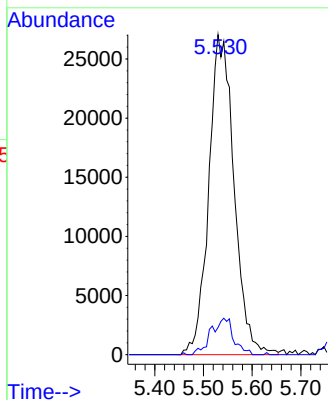
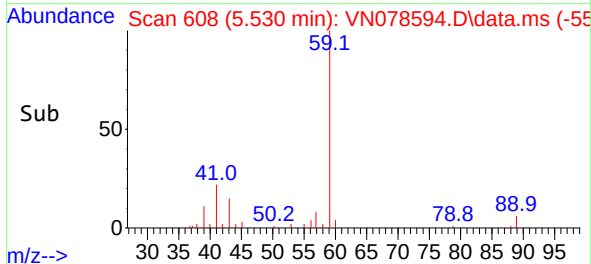
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



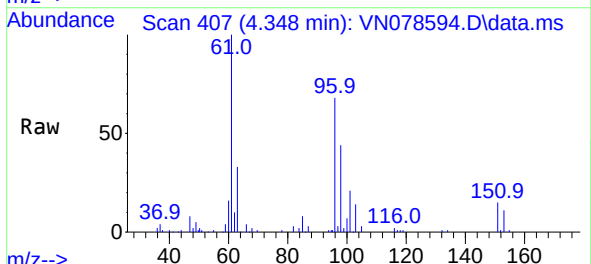
Tgt Ion: 59 Resp: 9738
Ion Ratio Lower Upper
59 100
57 3.3 8.2 12.4

Manual Integrations
APPROVED

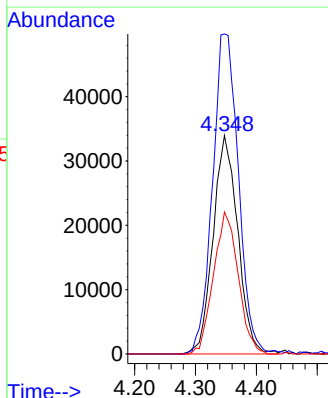
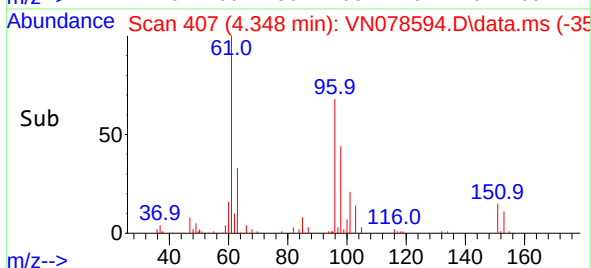
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

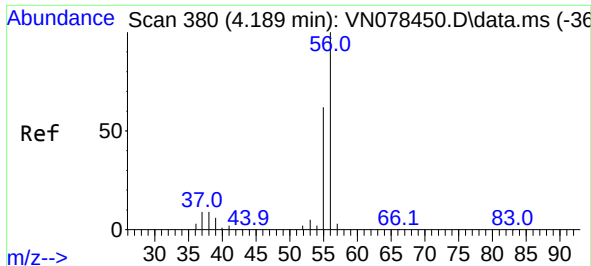


#12
1,1-Dichloroethene
Concen: 17.560 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



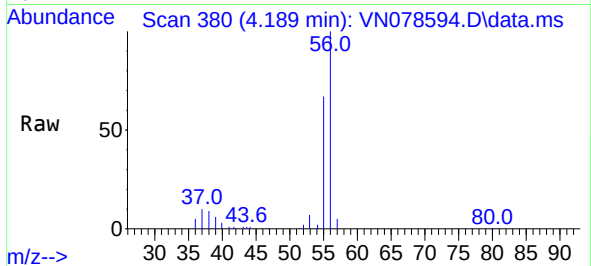
Tgt Ion: 96 Resp: 95669
Ion Ratio Lower Upper
96 100
61 146.5 112.7 169.1
98 65.0 51.2 76.8





#13
Acrolein
Concen: 97.981 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

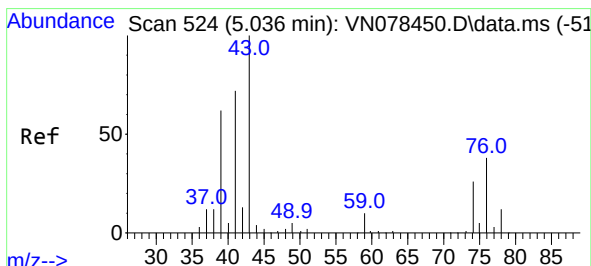
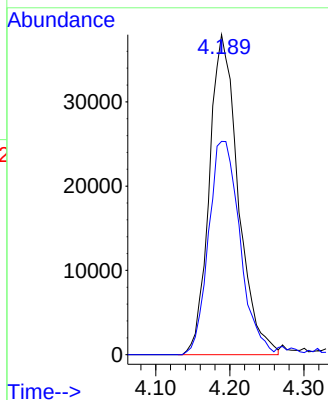
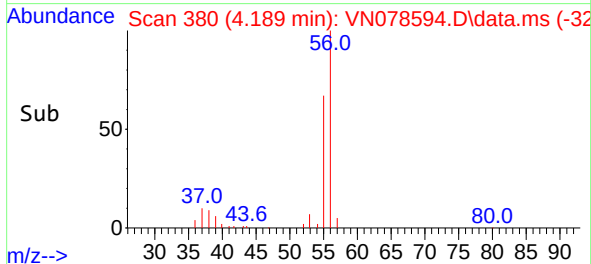
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



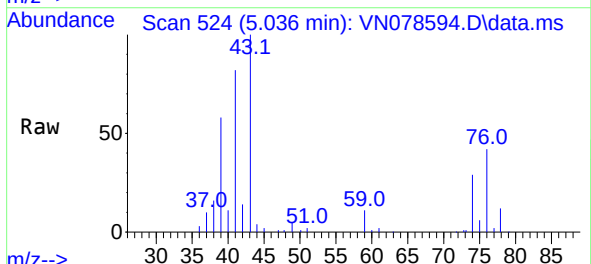
Tgt Ion: 56 Resp: 102894
Ion Ratio Lower Upper
56 100
55 72.3 54.5 81.7

Manual Integrations
APPROVED

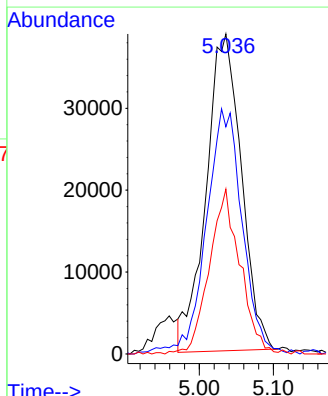
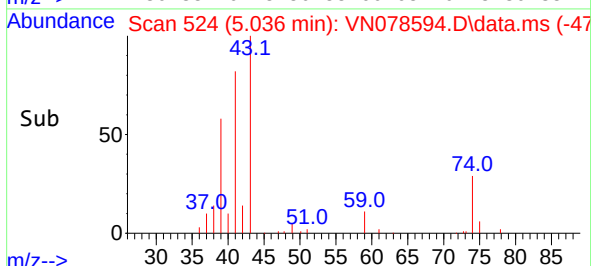
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

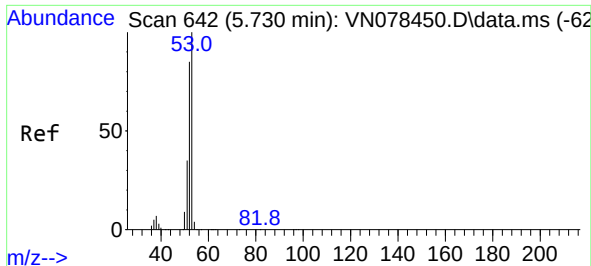


#14
Allyl chloride
Concen: 17.161 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



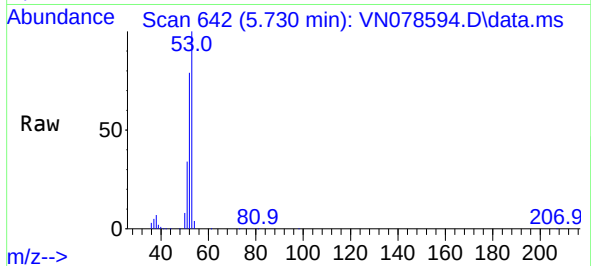
Tgt Ion: 41 Resp: 127758
Ion Ratio Lower Upper
41 100
39 79.1 58.8 88.2
76 45.5 39.1 58.7





#15
Acrylonitrile
Concen: 93.334 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

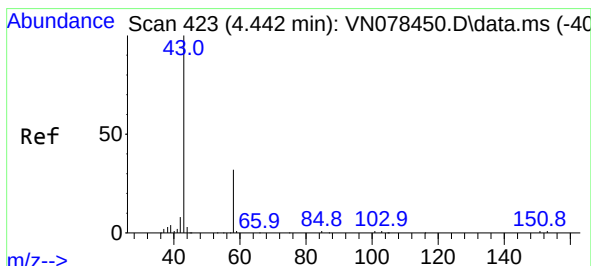
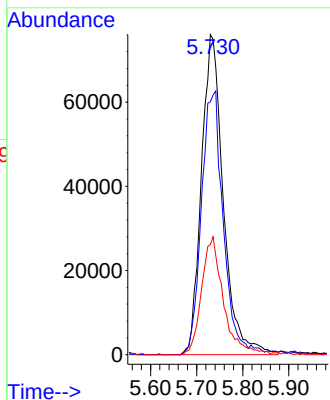
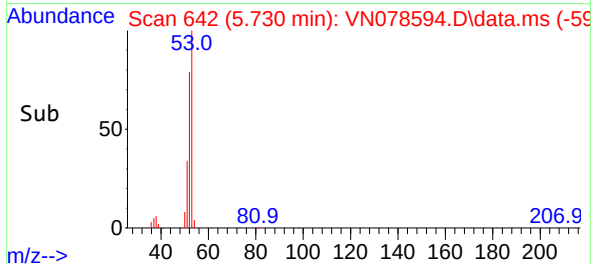
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



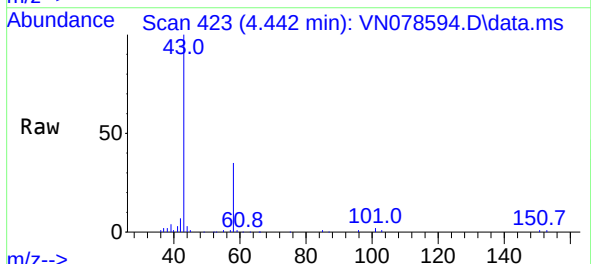
Tgt Ion: 53 Resp: 25170
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.5 28.9 43.3

Manual Integrations
APPROVED

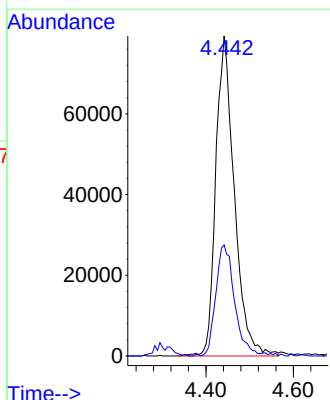
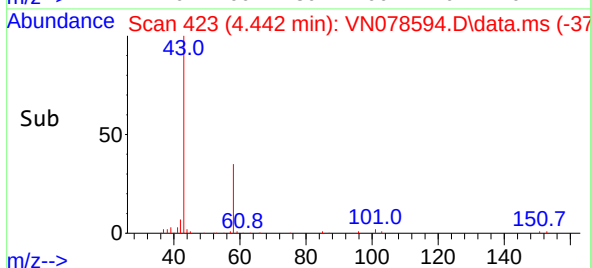
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

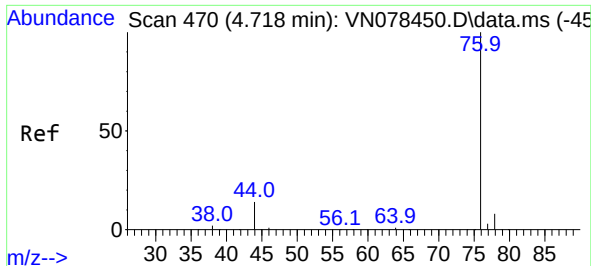


#16
Acetone
Concen: 108.039 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



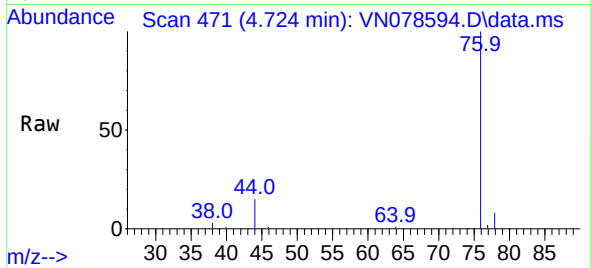
Tgt Ion: 43 Resp: 232948
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0





#17
Carbon Disulfide
Concen: 14.883 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

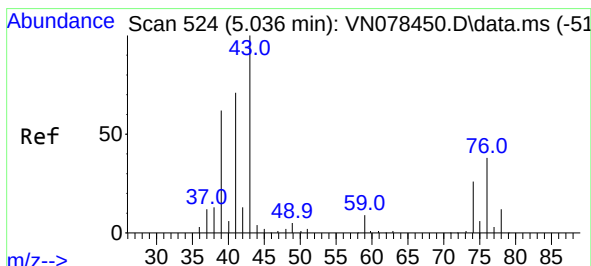
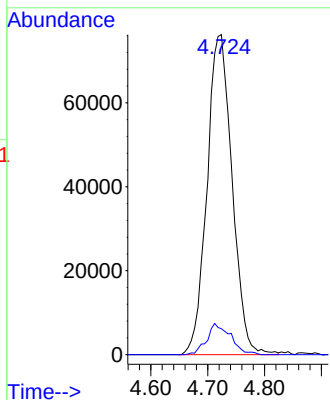
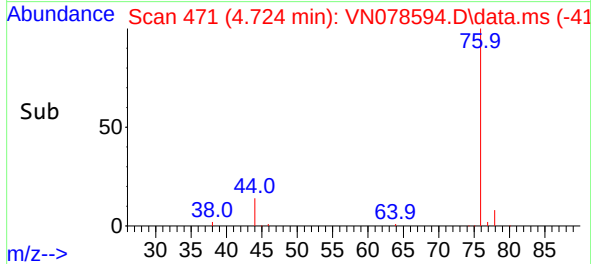
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 76 Resp: 23446
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

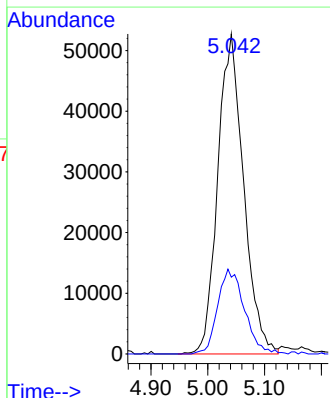
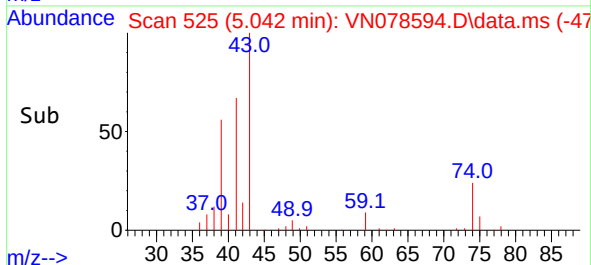
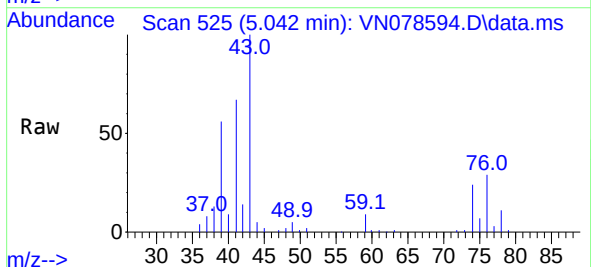
Manual Integrations
APPROVED

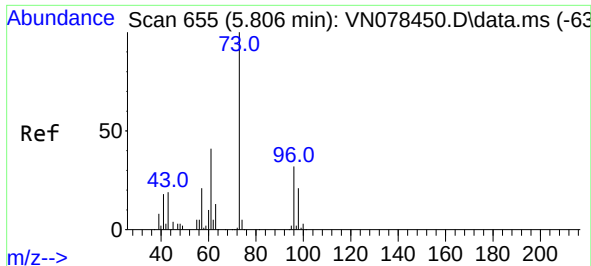
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#18
Methyl Acetate
Concen: 18.260 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Tgt Ion: 43 Resp: 166666
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4





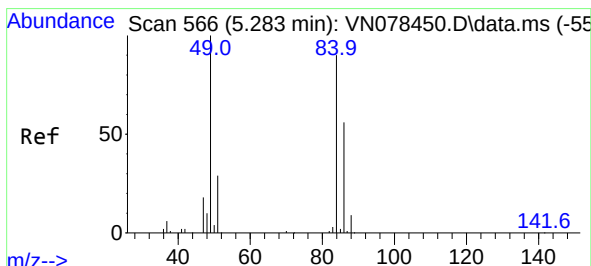
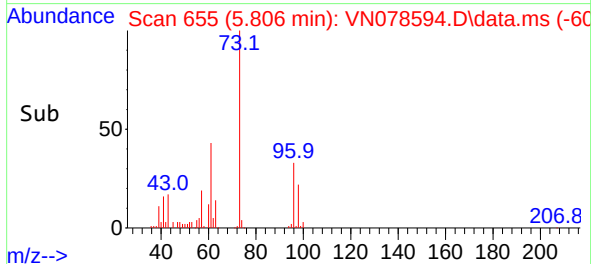
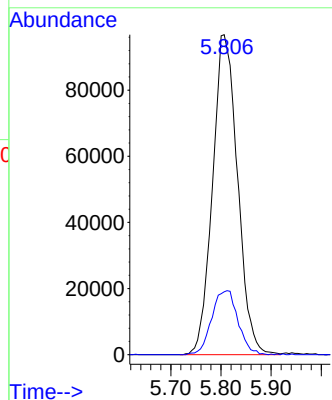
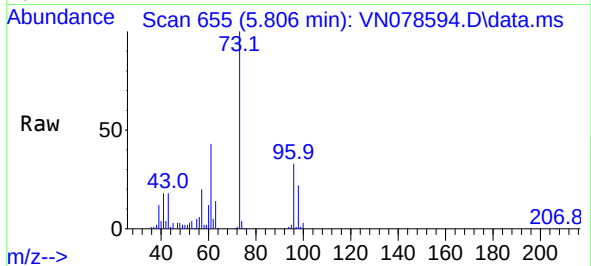
#19
Methyl tert-butyl Ether
Concen: 18.669 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 73 Resp: 33511
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4

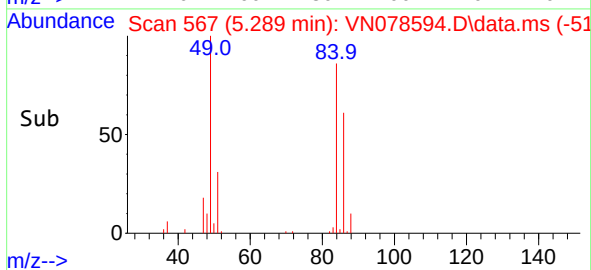
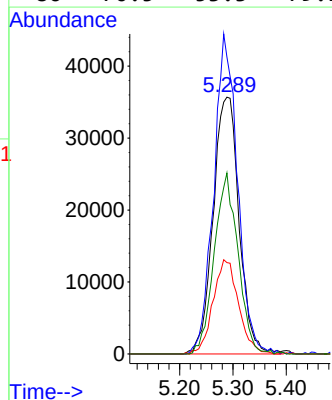
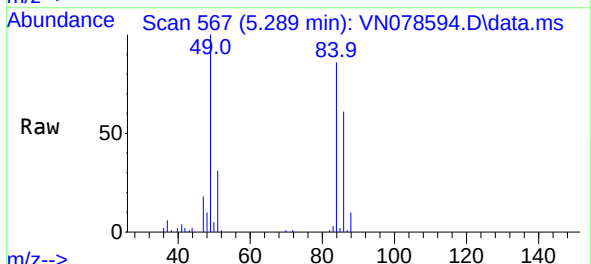
Manual Integrations
APPROVED

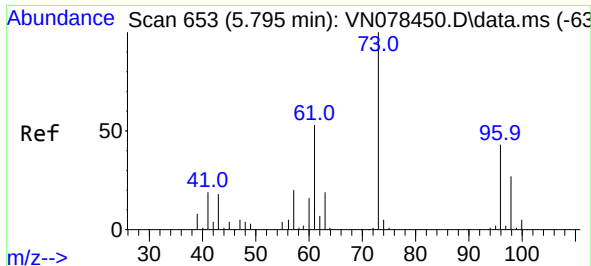
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#20
Methylene Chloride
Concen: 18.760 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

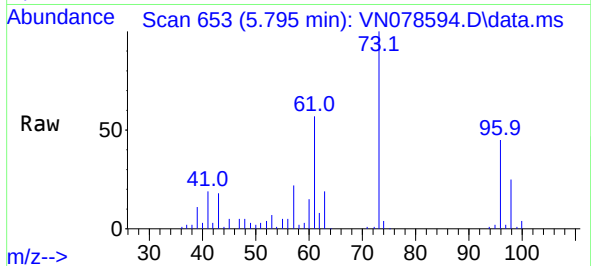
Tgt Ion: 84 Resp: 120749
Ion Ratio Lower Upper
84 100
49 115.7 79.7 119.5
51 35.6 25.2 37.8
86 70.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.560 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

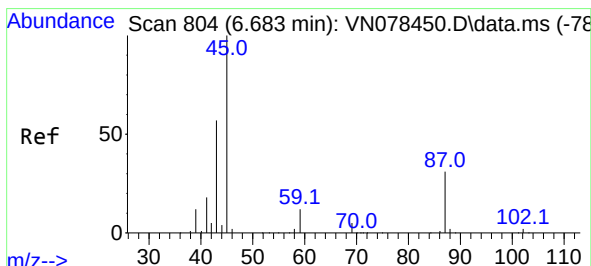
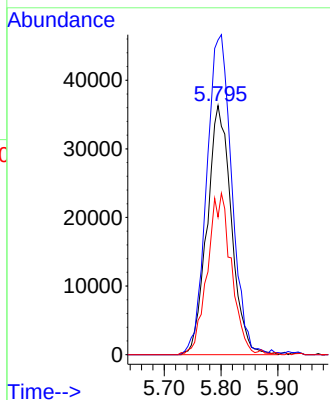
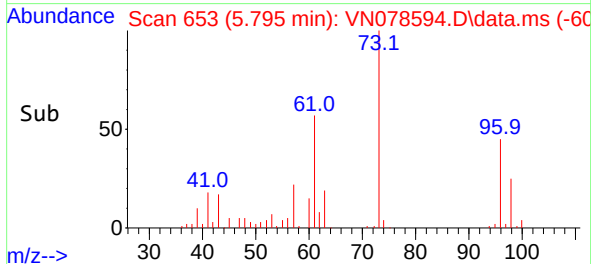
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



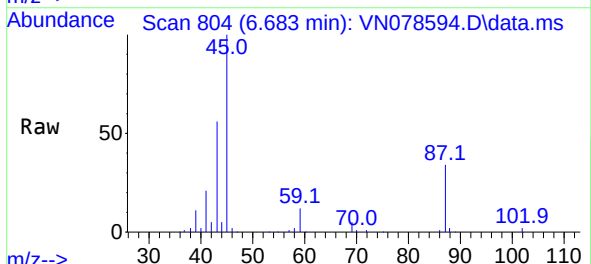
Tgt Ion: 96 Resp: 107805
Ion Ratio Lower Upper
96 100
61 126.3 90.1 135.1
98 55.2 46.4 69.6

Manual Integrations
APPROVED

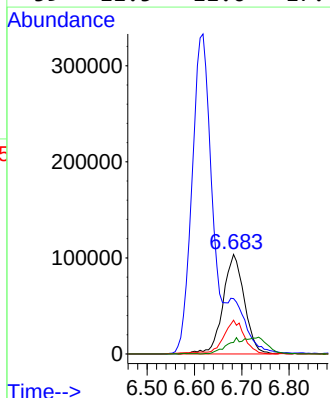
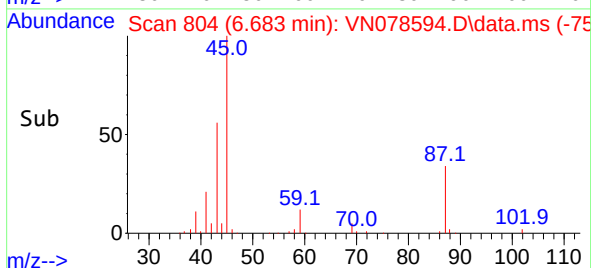
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

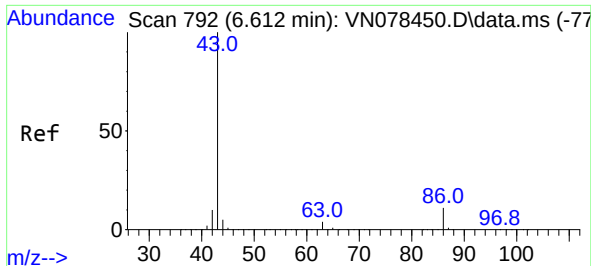


#22
Diisopropyl ether
Concen: 19.402 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



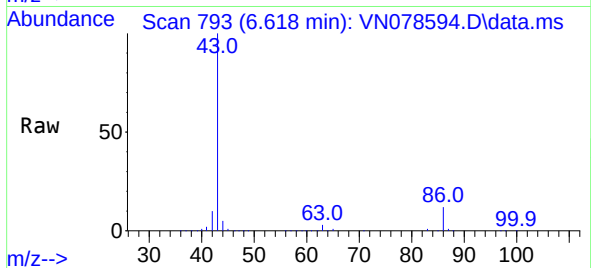
Tgt Ion: 45 Resp: 323421
Ion Ratio Lower Upper
45 100
43 53.7 45.5 68.3
87 33.8 31.8 47.8
59 11.5 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 93.365 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23

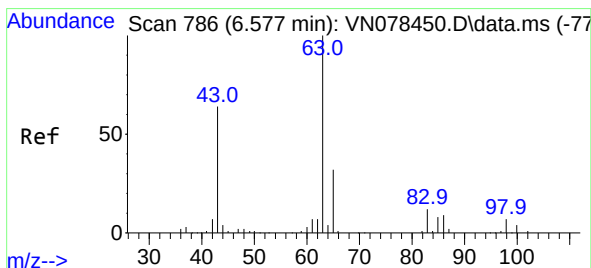
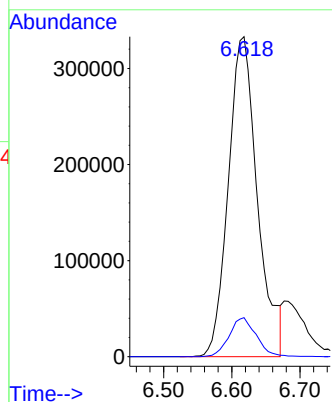
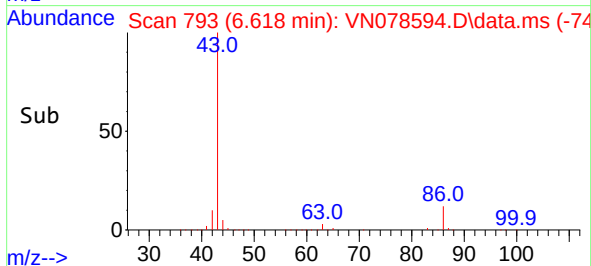
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01



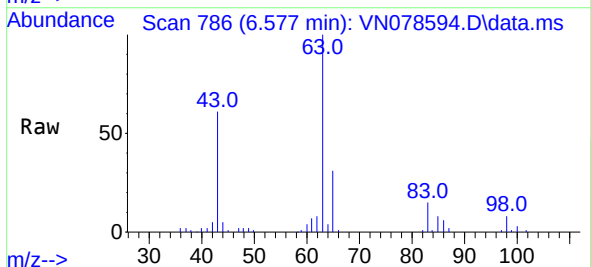
Tgt Ion: 43 Resp: 989424
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations
 APPROVED

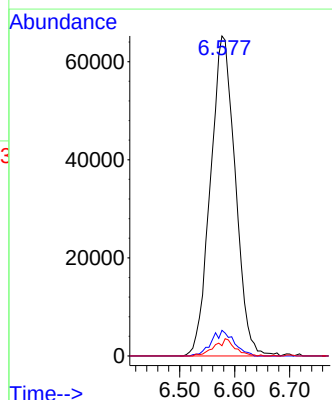
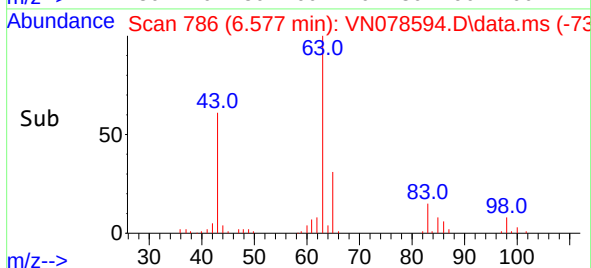
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

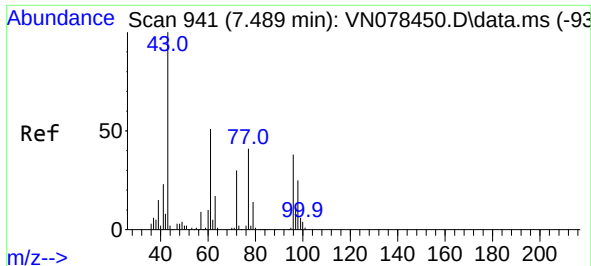


#24
 1,1-Dichloroethane
 Concen: 18.221 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23



Tgt Ion: 63 Resp: 204666
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 3.2 2.5 7.4





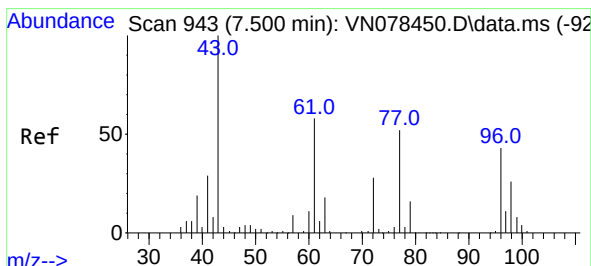
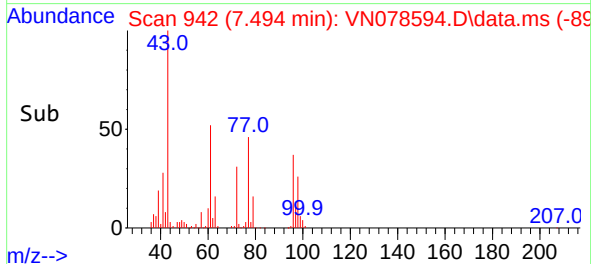
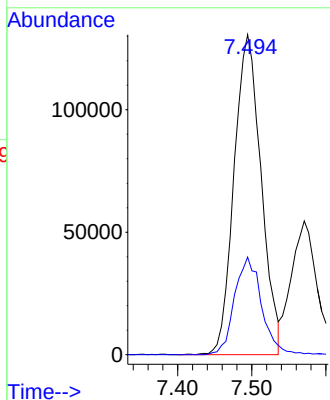
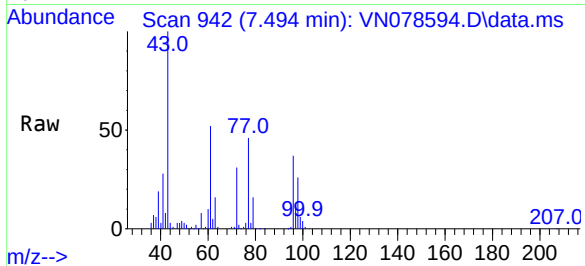
#25
2-Butanone
Concen: 97.583 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 43 Resp: 331209
Ion Ratio Lower Upper
43 100
72 30.5 30.2 45.2

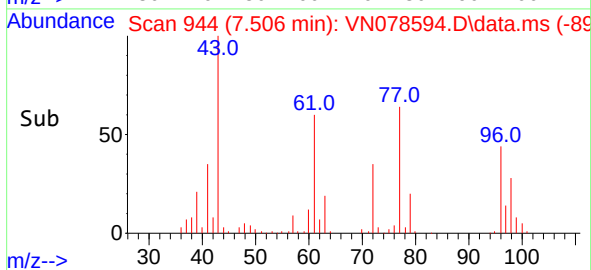
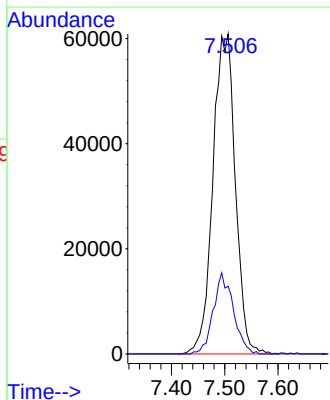
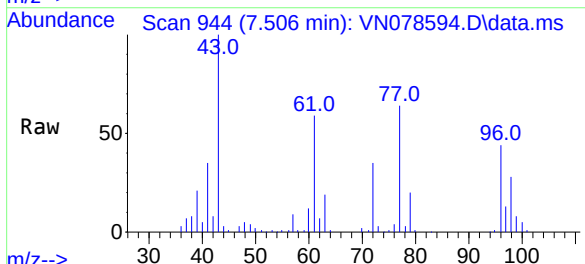
Manual Integrations
APPROVED

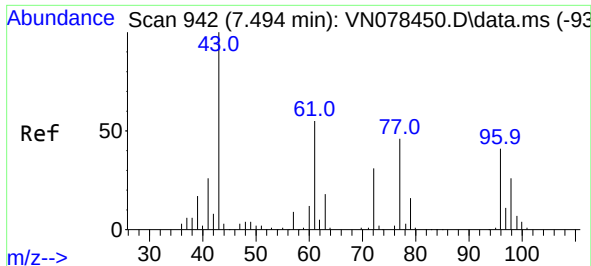
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#26
2,2-Dichloropropane
Concen: 19.384 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

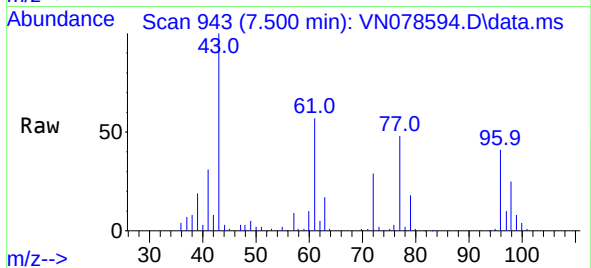
Tgt Ion: 77 Resp: 178083
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.447 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23

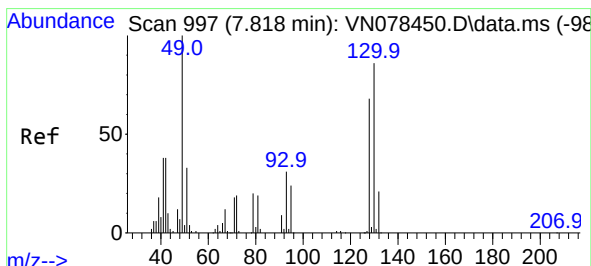
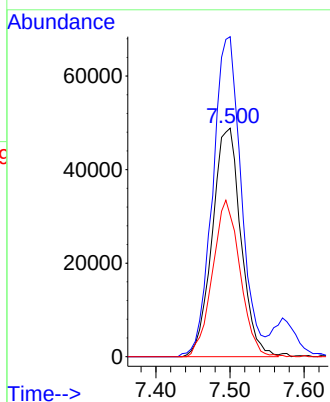
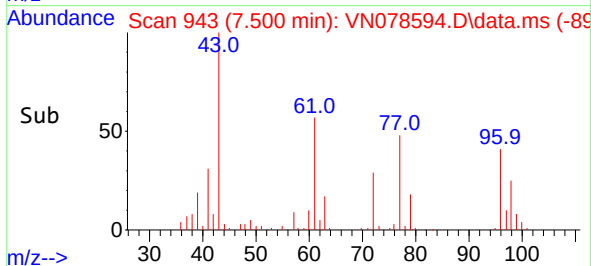
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01



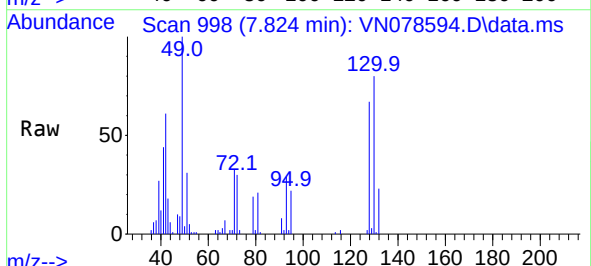
Tgt Ion: 96 Resp: 131010
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 255.2
 98 66.2 0.0 128.8

Manual Integrations
 APPROVED

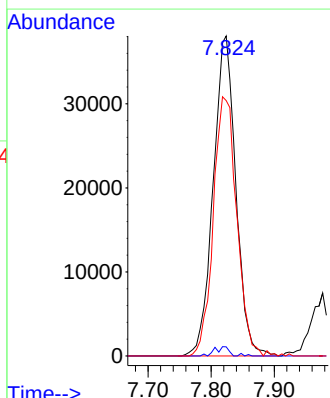
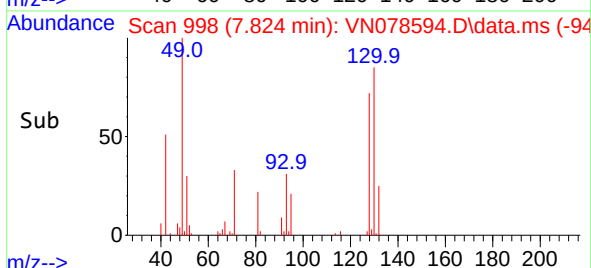
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

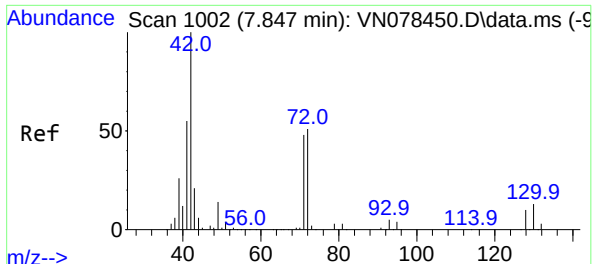


#28
 Bromochloromethane
 Concen: 17.926 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23



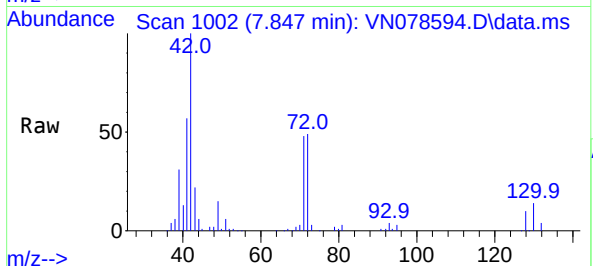
Tgt Ion: 49 Resp: 94836
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 83.6 75.3 112.9





#29
Tetrahydrofuran
Concen: 87.407 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

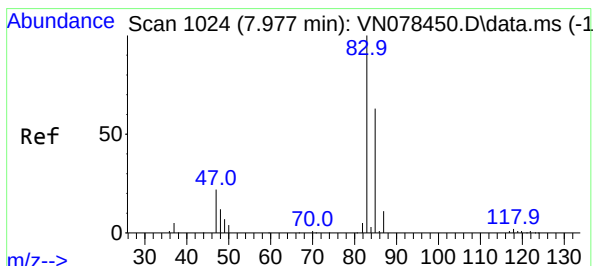
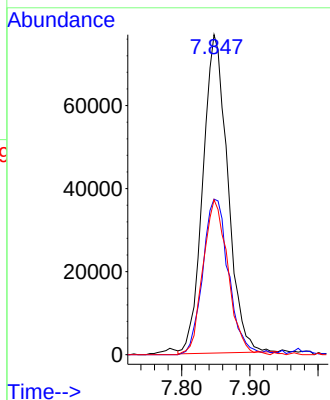
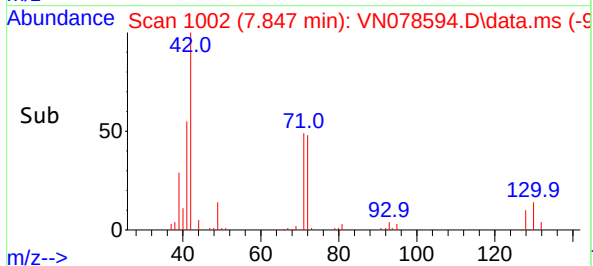
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



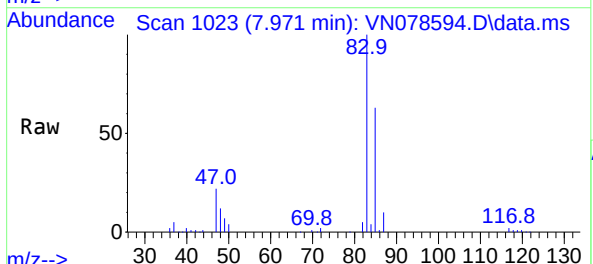
Tgt Ion: 42 Resp: 19466
Ion Ratio Lower Upper
42 100
72 50.7 49.8 74.6
71 48.9 47.4 71.2

Manual Integrations
APPROVED

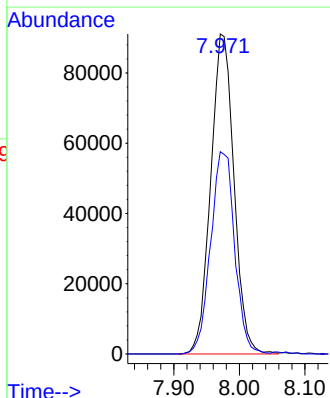
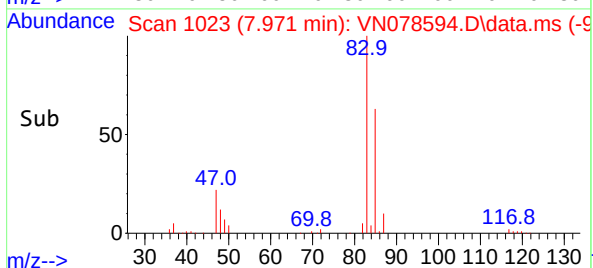
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

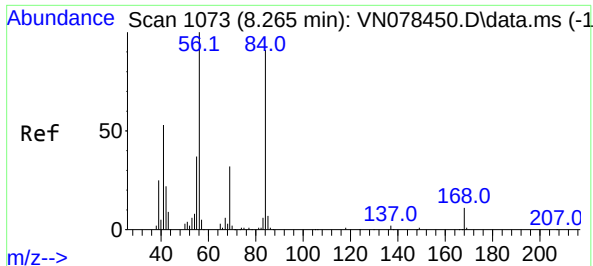


#30
Chloroform
Concen: 19.145 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



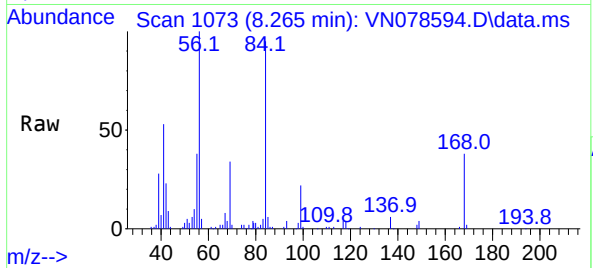
Tgt Ion: 83 Resp: 223882
Ion Ratio Lower Upper
83 100
85 63.2 55.4 83.0





#31
Cyclohexane
Concen: 16.905 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

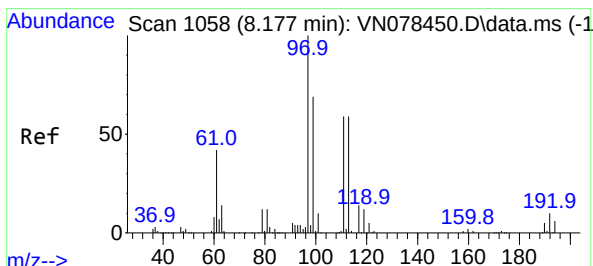
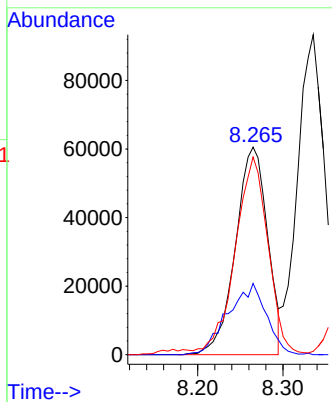
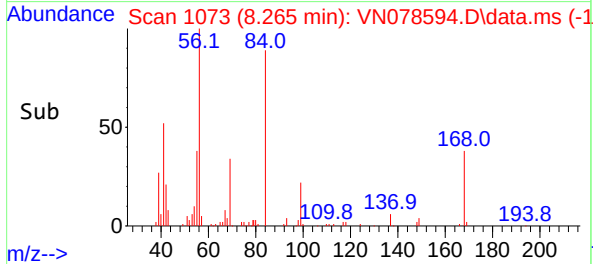
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



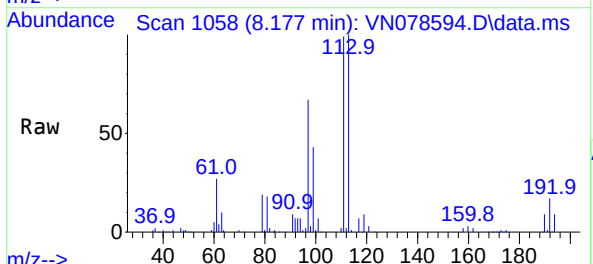
Tgt Ion: 56 Resp: 15813
Ion Ratio Lower Upper
56 100
69 34.3 26.8 40.2
84 93.5 81.8 122.6

Manual Integrations
APPROVED

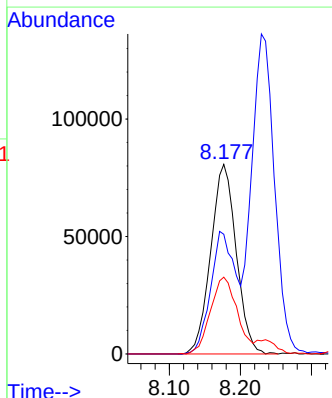
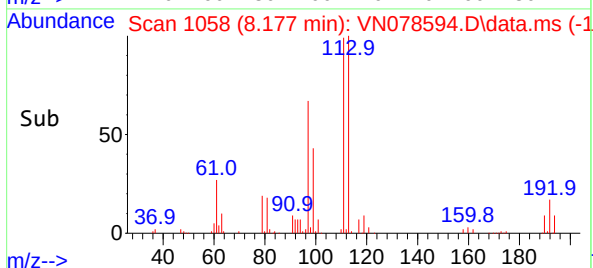
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

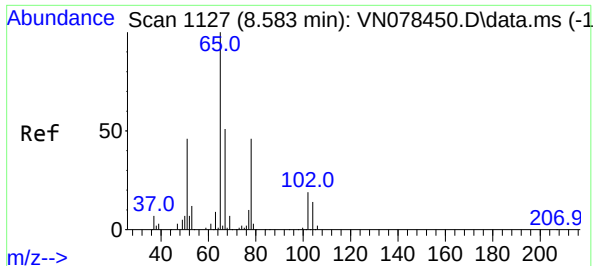


#32
1,1,1-Trichloroethane
Concen: 19.146 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion: 97 Resp: 200734
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 42.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.897 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078594.D

Acq: 20 Jul 2023 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

Tgt Ion: 65 Resp: 317689

Ion Ratio Lower Upper

65 100

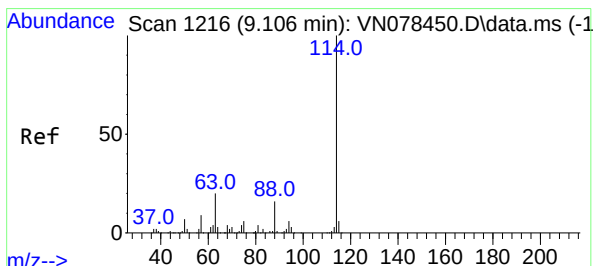
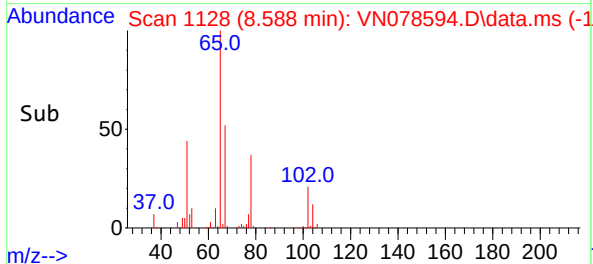
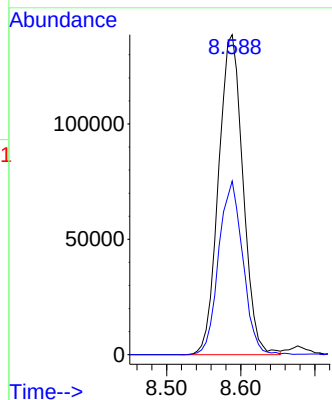
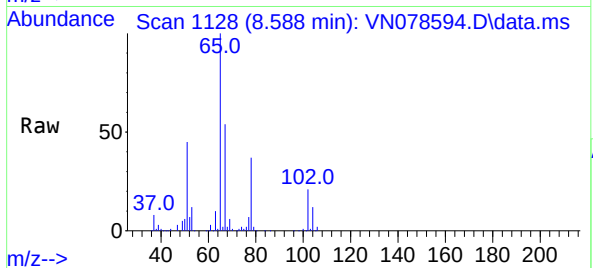
67 53.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078594.D

Acq: 20 Jul 2023 15:23

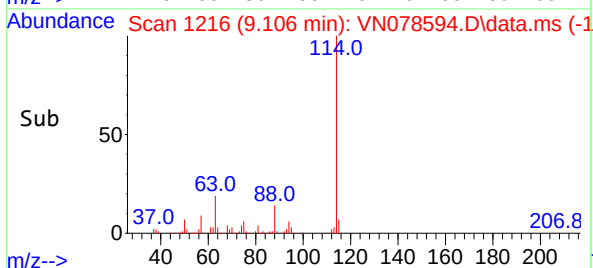
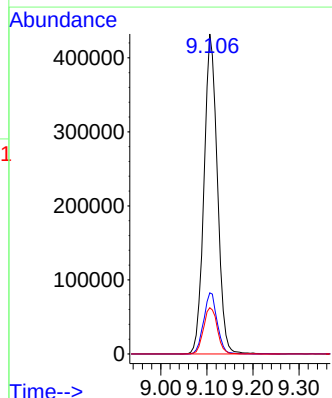
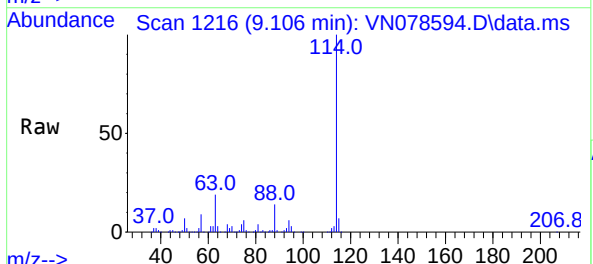
Tgt Ion:114 Resp: 872664

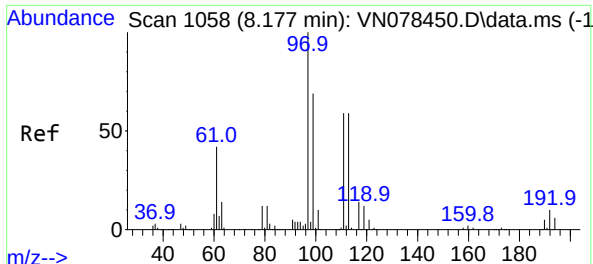
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

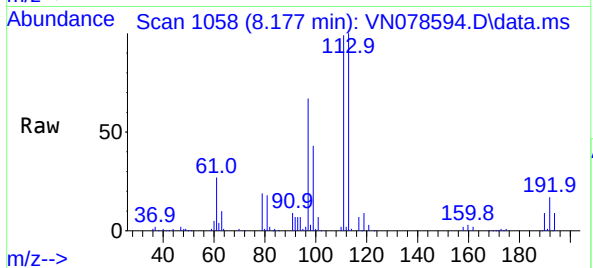
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.546 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

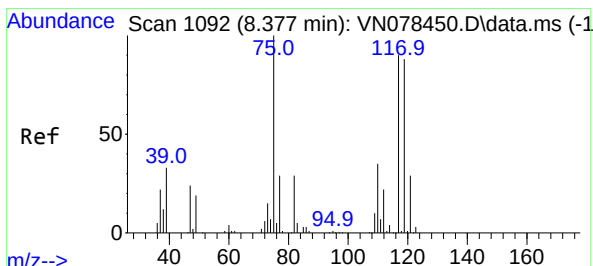
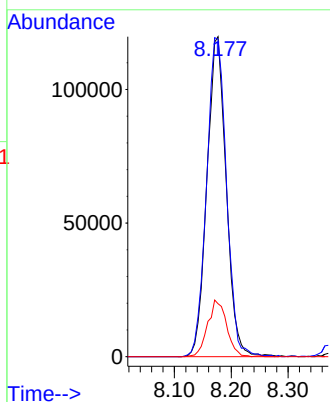
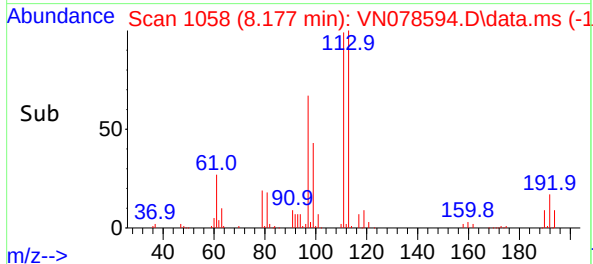
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



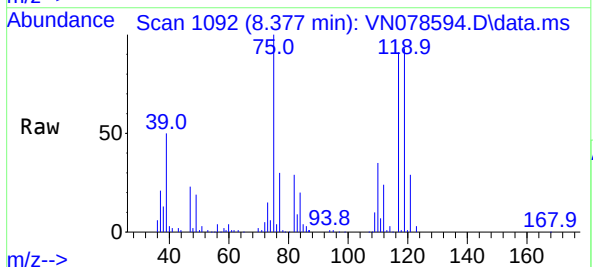
Tgt Ion:113 Resp: 28165
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 17.4 12.7 19.1

Manual Integrations
APPROVED

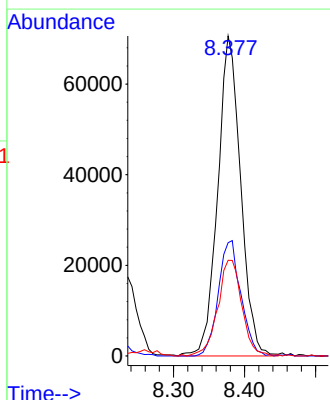
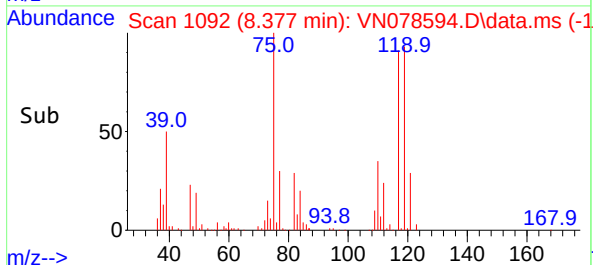
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

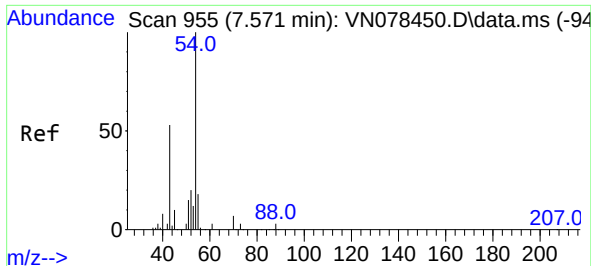


#36
1,1-Dichloropropene
Concen: 18.491 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion: 75 Resp: 158167
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 18.819 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078594.D

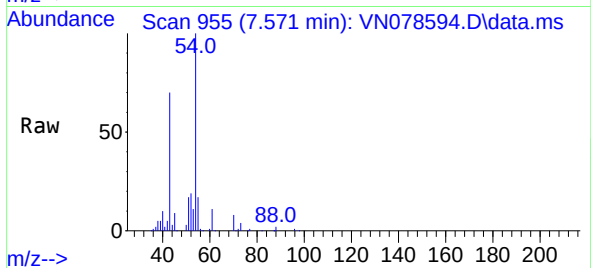
Acq: 20 Jul 2023 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01



Tgt Ion: 43 Resp: 134190

Ion Ratio Lower Upper

43 100

61 13.4 13.2 19.8

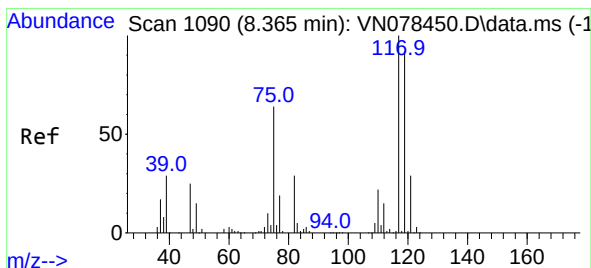
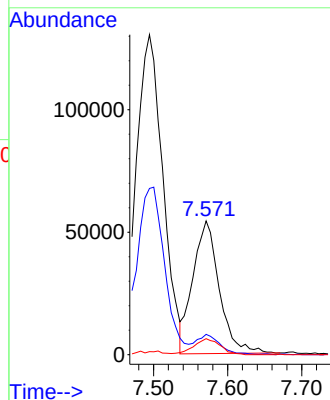
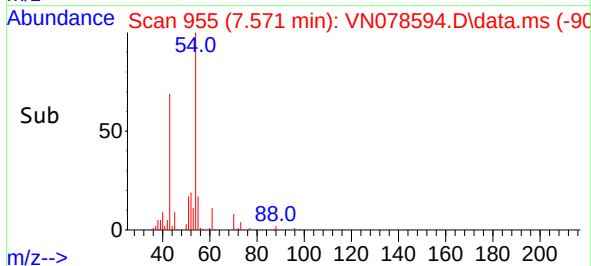
70 12.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#38

Carbon Tetrachloride

Concen: 18.891 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN078594.D

Acq: 20 Jul 2023 15:23

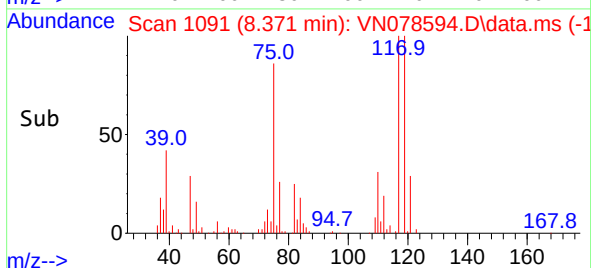
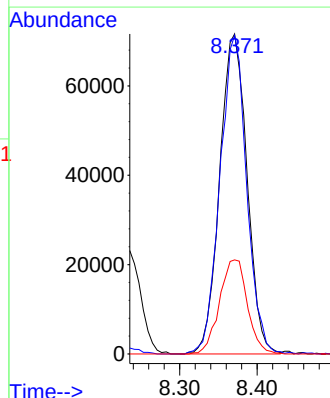
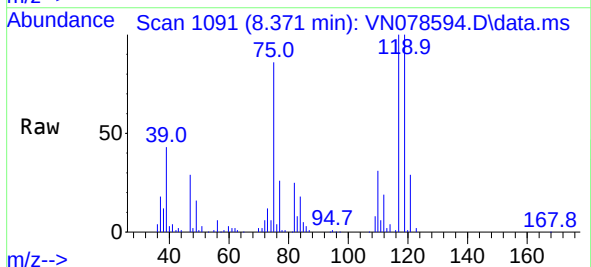
Tgt Ion:117 Resp: 175620

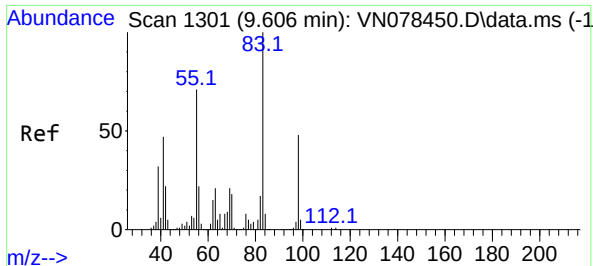
Ion Ratio Lower Upper

117 100

119 99.5 77.3 115.9

121 29.4 23.3 34.9





#39

Methylcyclohexane

Concen: 18.652 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078594.D

Acq: 20 Jul 2023 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

Tgt Ion: 83 Resp: 14563

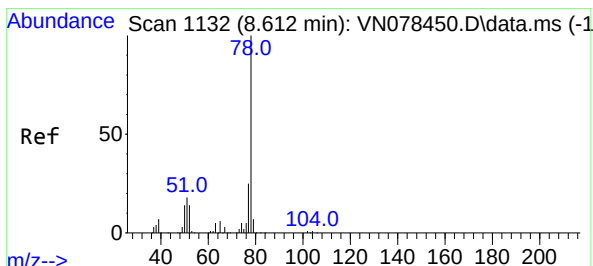
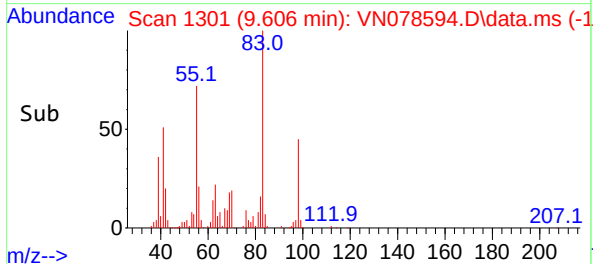
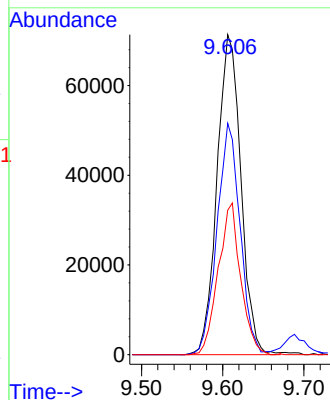
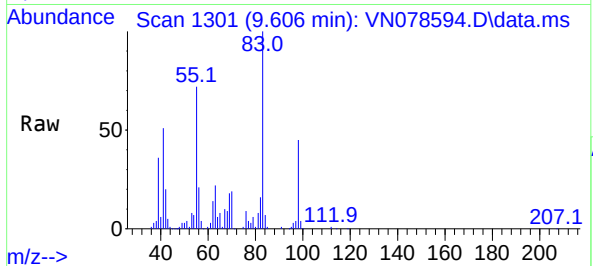
Ion	Ratio	Lower	Upper
83	100		
55	72.3	49.1	73.7
98	45.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#40

Benzene

Concen: 19.258 ug/l

RT: 8.612 min Scan# 1132

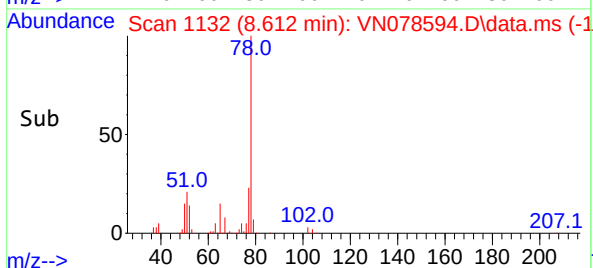
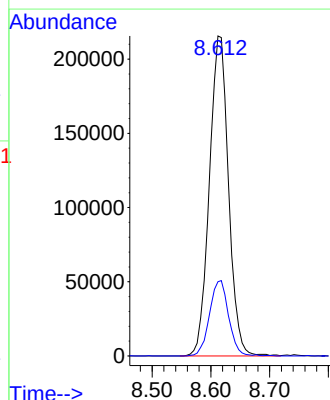
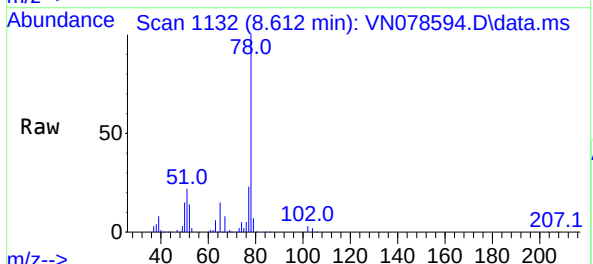
Delta R.T. -0.000 min

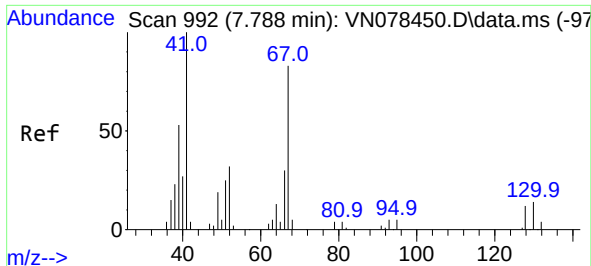
Lab File: VN078594.D

Acq: 20 Jul 2023 15:23

Tgt Ion: 78 Resp: 488018

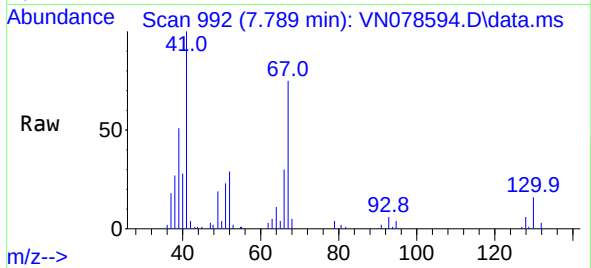
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





#41
Methacrylonitrile
Concen: 18.412 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

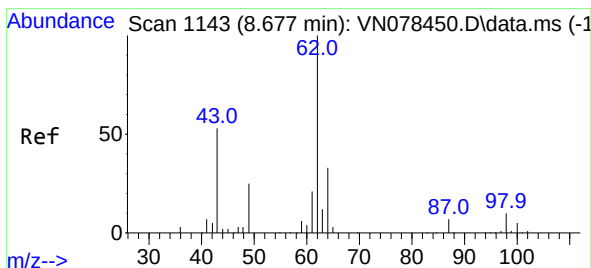
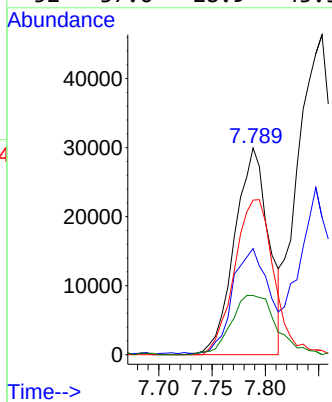
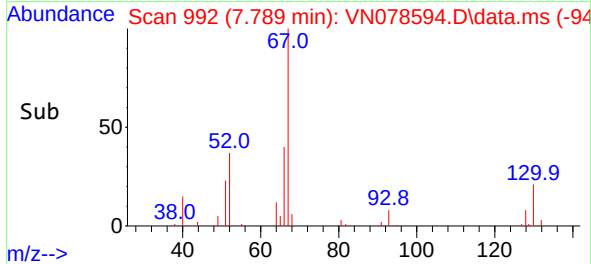
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



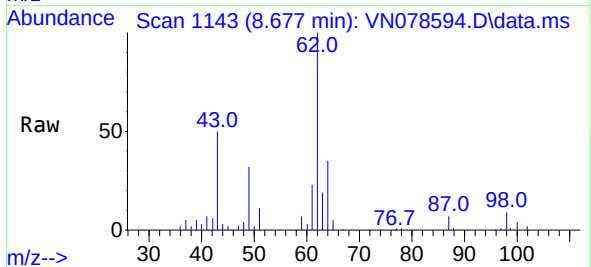
Tgt Ion: 41 Resp: 66928
Ion Ratio Lower Upper
41 100
39 53.3 42.6 64.0
67 86.1 77.5 116.3
52 37.6 28.9 43.3

Manual Integrations
APPROVED

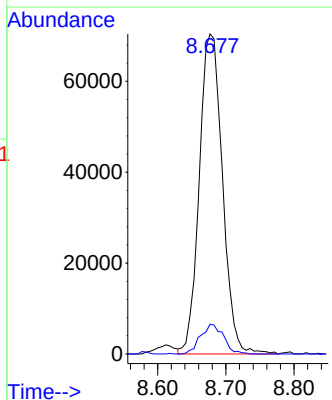
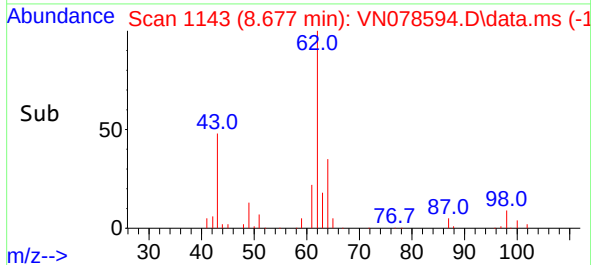
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

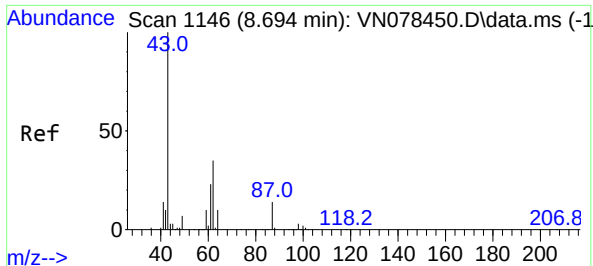


#42
1,2-Dichloroethane
Concen: 19.335 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



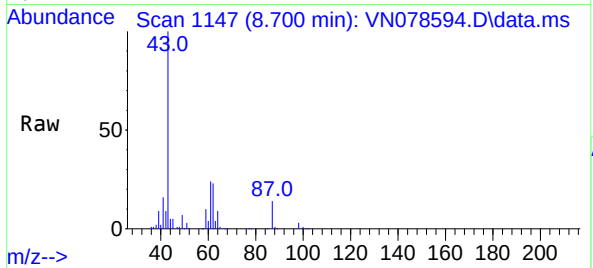
Tgt Ion: 62 Resp: 166656
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.745 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

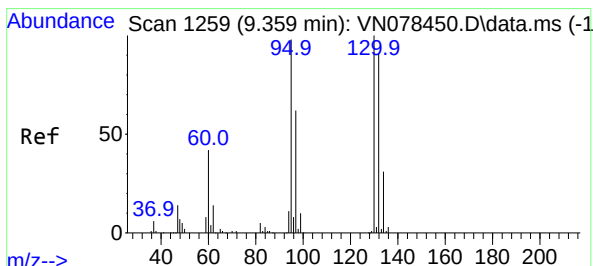
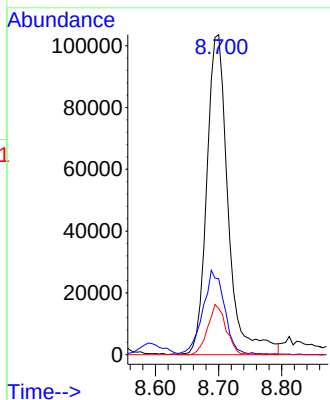
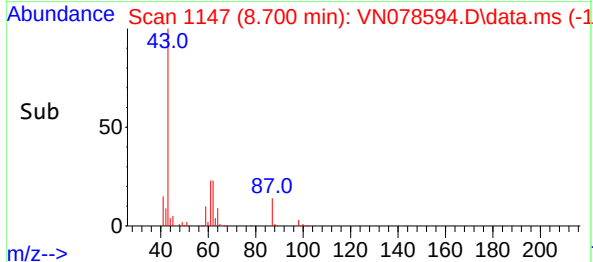
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 43 Resp: 243528
Ion Ratio Lower Upper
43 100
61 26.1 24.7 37.1
87 13.5 14.6 21.8

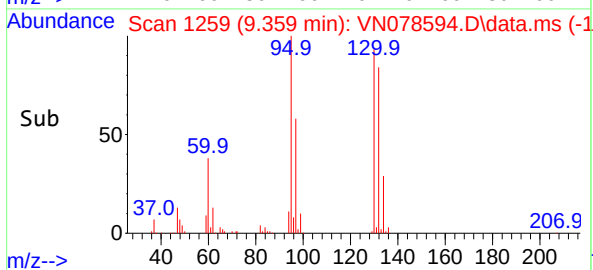
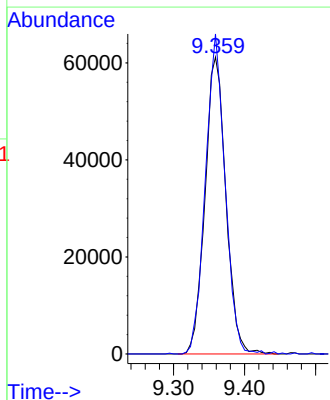
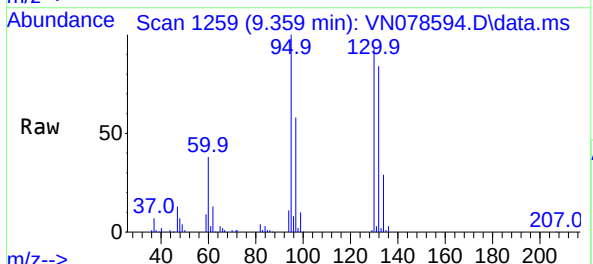
Manual Integrations
APPROVED

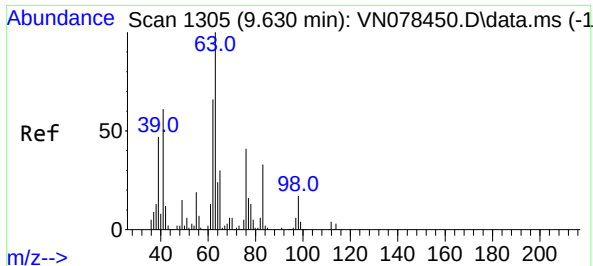
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#44
Trichloroethene
Concen: 18.302 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Tgt Ion:130 Resp: 125000
Ion Ratio Lower Upper
130 100
95 107.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.367 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078594.D

Acq: 20 Jul 2023 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

Tgt Ion: 63 Resp: 12429

Ion Ratio Lower Upper

63 100

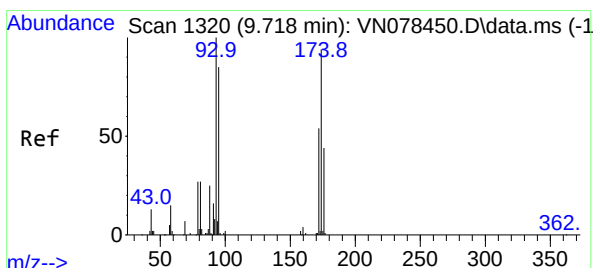
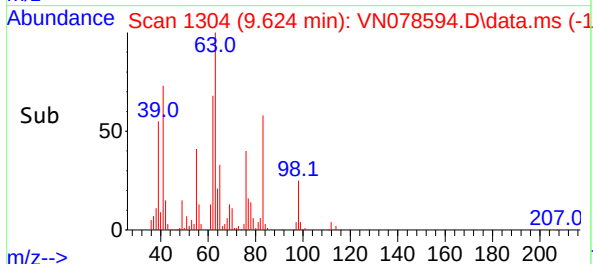
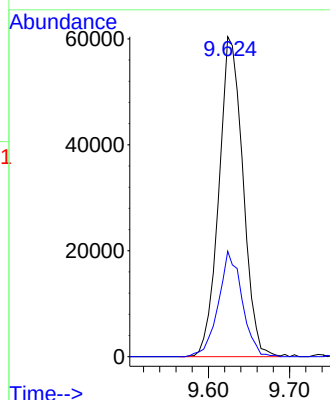
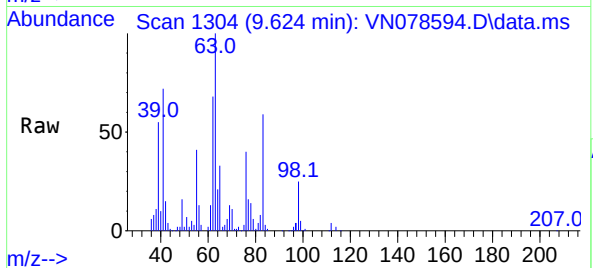
65 33.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#46

Dibromomethane

Concen: 18.928 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078594.D

Acq: 20 Jul 2023 15:23

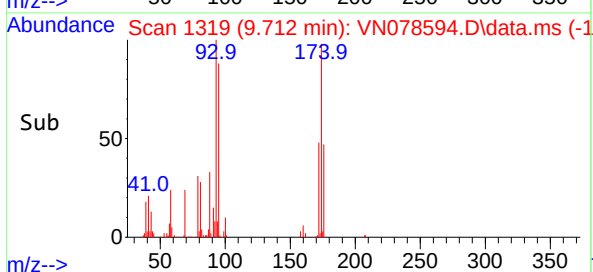
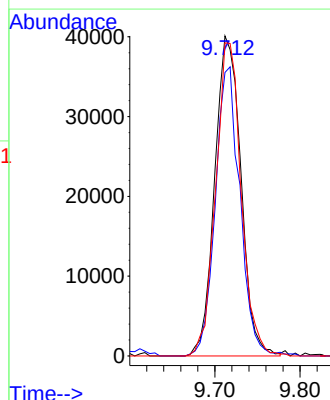
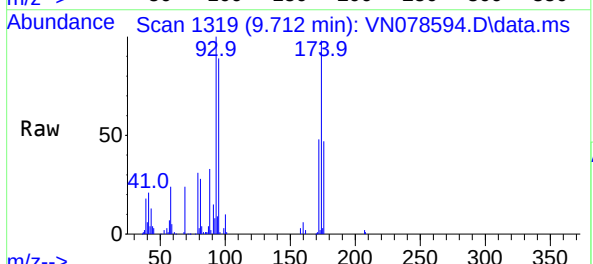
Tgt Ion: 93 Resp: 85503

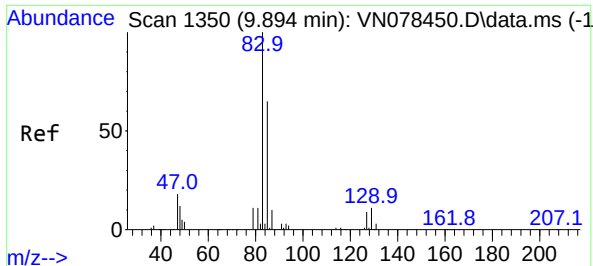
Ion Ratio Lower Upper

93 100

95 85.4 63.8 95.8

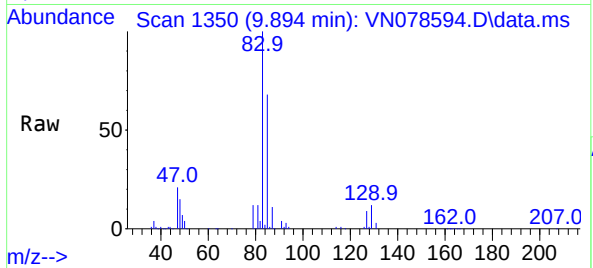
174 95.6 65.6 98.4





#47
Bromodichloromethane
Concen: 19.345 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

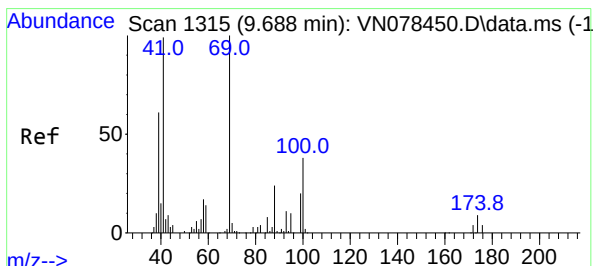
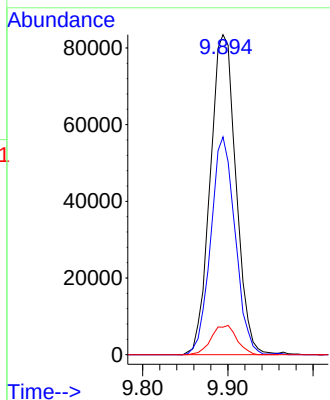
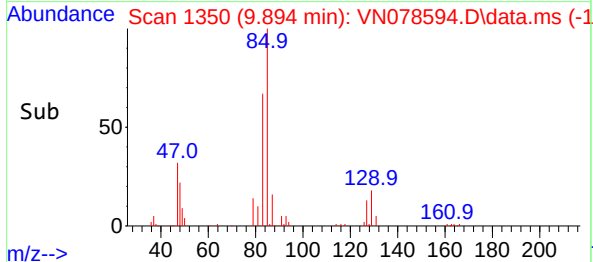
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



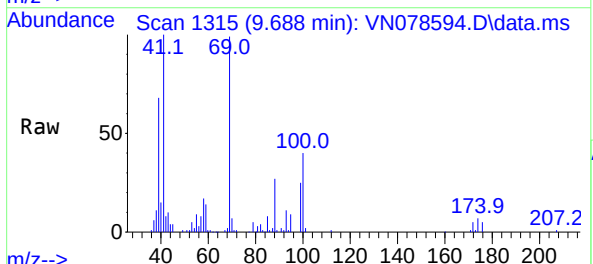
Tgt Ion: 83 Resp: 175169
Ion Ratio Lower Upper
83 100
85 68.1 49.6 74.4
127 8.6 7.0 10.6

Manual Integrations
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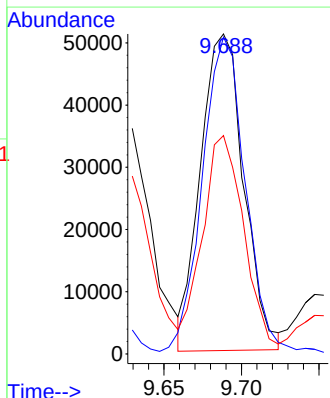
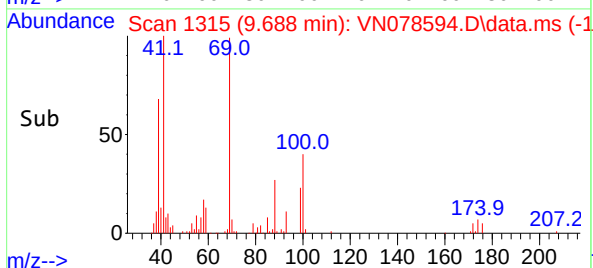
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

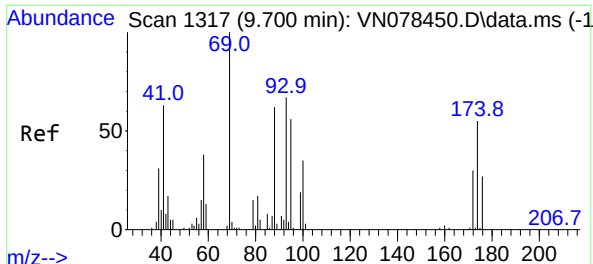


#48
Methyl methacrylate
Concen: 18.156 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



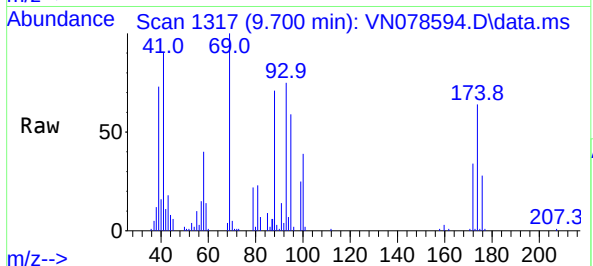
Tgt Ion: 41 Resp: 98748
Ion Ratio Lower Upper
41 100
69 99.4 90.4 135.6
39 67.0 54.6 81.8





#49
1,4-Dioxane
Concen: 368.971 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

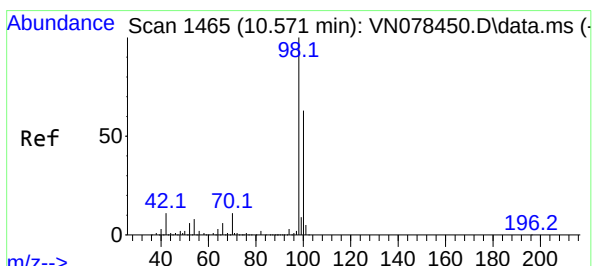
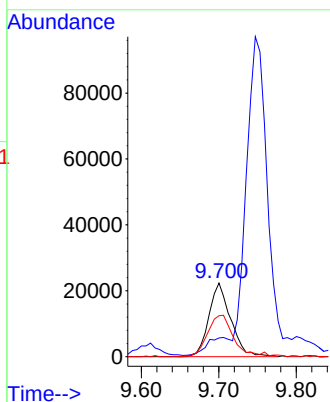
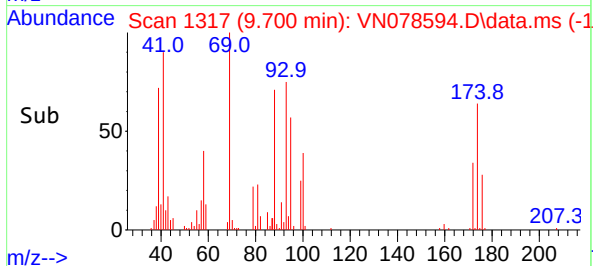
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 88 Resp: 4376
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 68.0 47.0 70.4

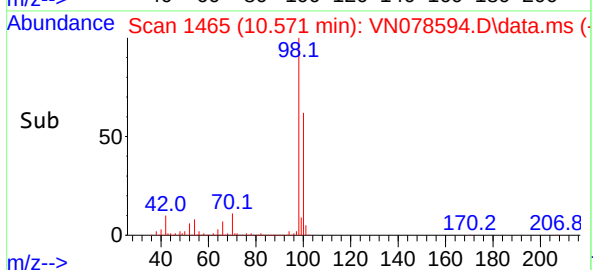
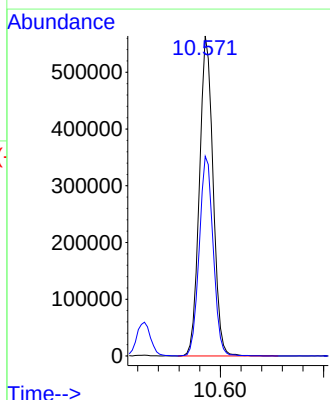
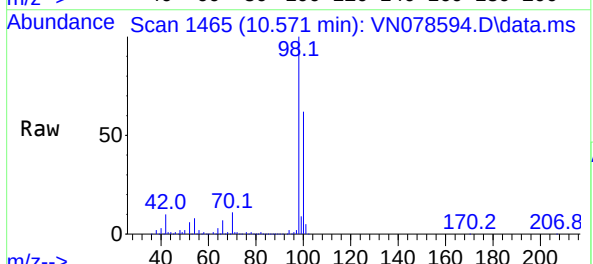
Manual Integrations
APPROVED

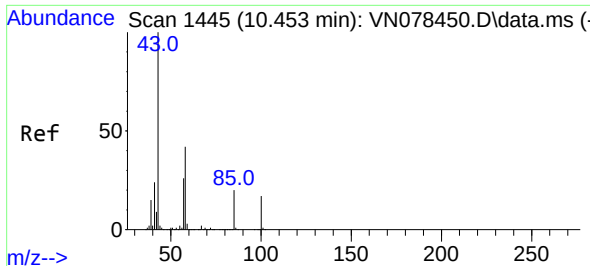
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#50
Toluene-d8
Concen: 46.226 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

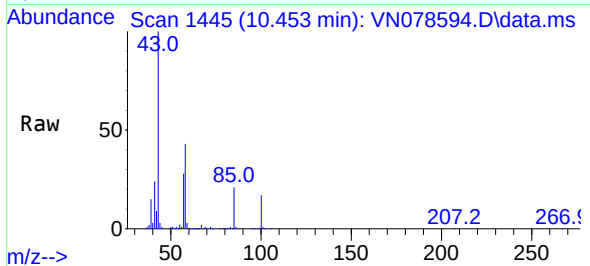
Tgt Ion: 98 Resp: 1034492
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 96.947 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

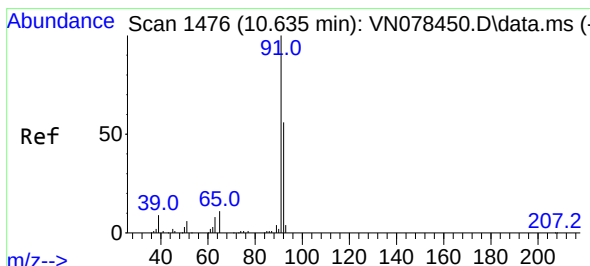
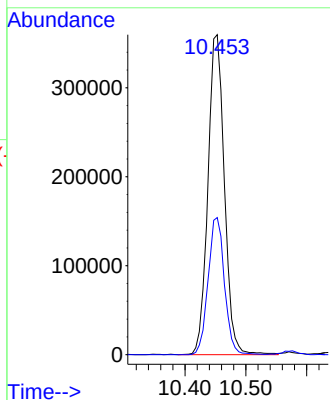
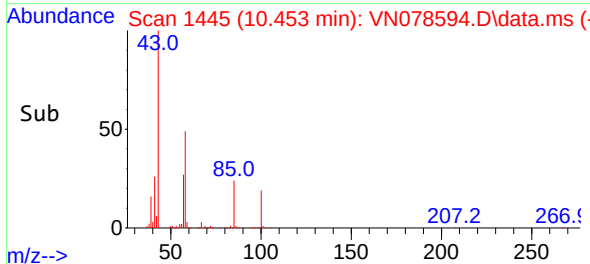
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



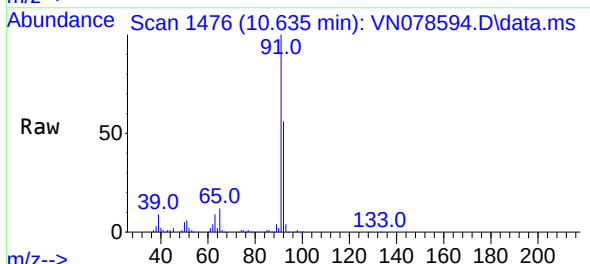
Tgt Ion: 43 Resp: 676954
Ion Ratio Lower Upper
43 100
58 42.4 36.6 54.8

Manual Integrations
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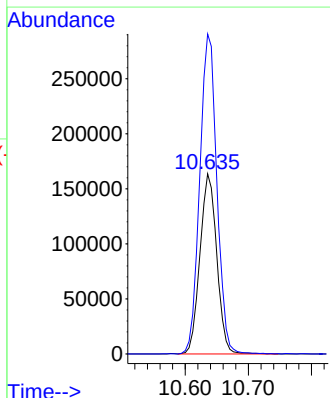
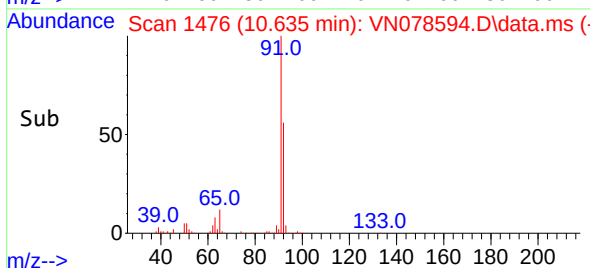
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

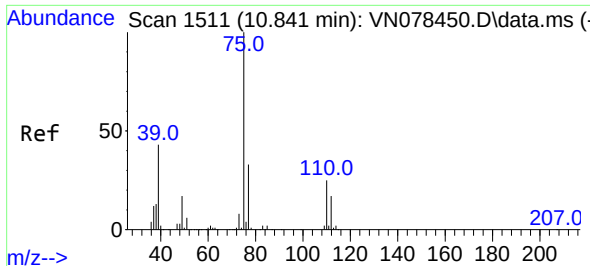


#52
Toluene
Concen: 19.264 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion: 92 Resp: 302550
Ion Ratio Lower Upper
92 100
91 181.0 137.4 206.0





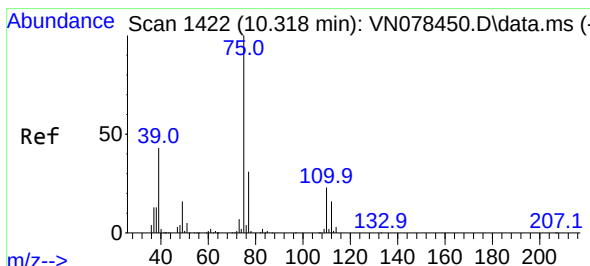
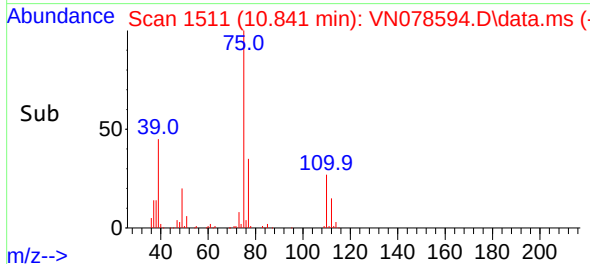
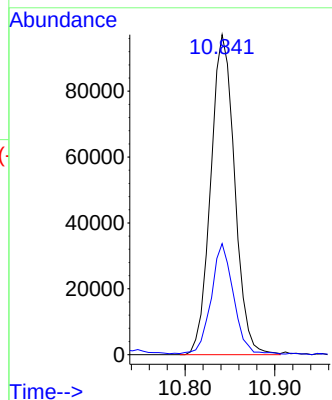
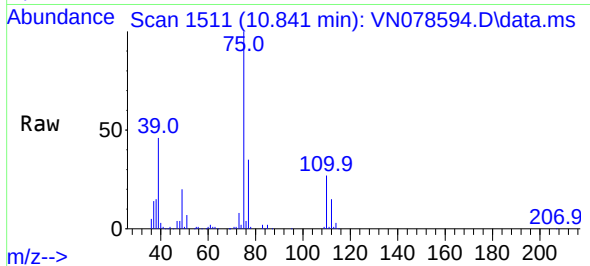
#53
 t-1,3-Dichloropropene
 Concen: 19.388 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01

Tgt Ion: 75 Resp: 179850
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.4 38.0

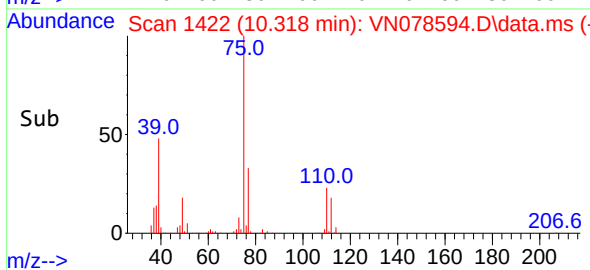
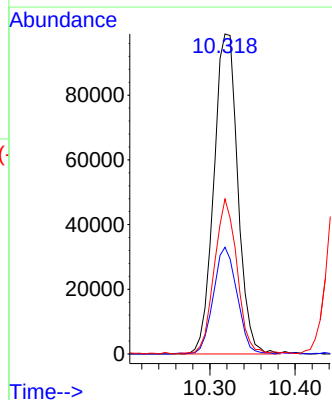
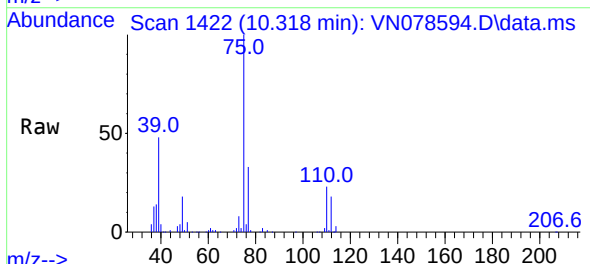
Manual Integrations
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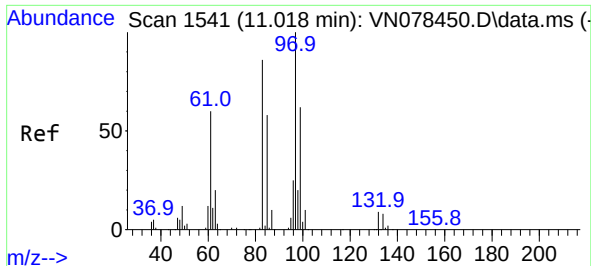
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.539 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23

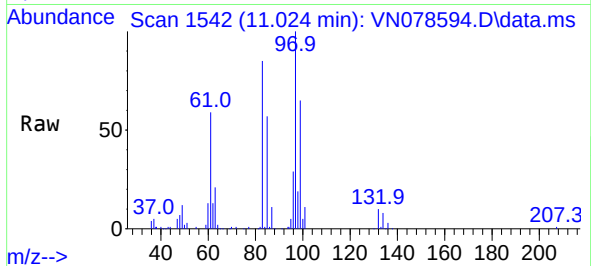
Tgt Ion: 75 Resp: 193211
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.1 39.1
 39 48.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.199 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

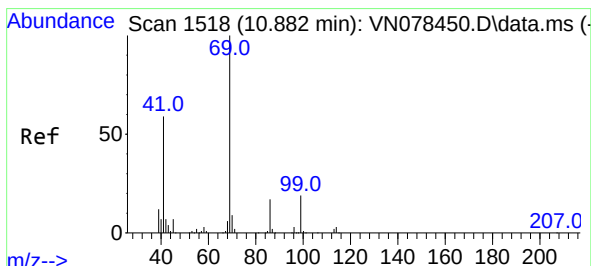
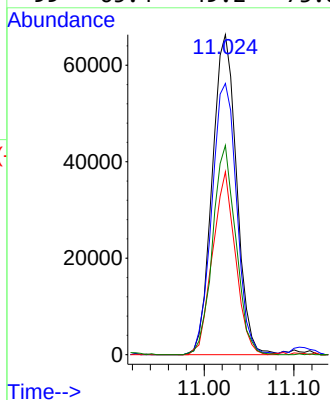
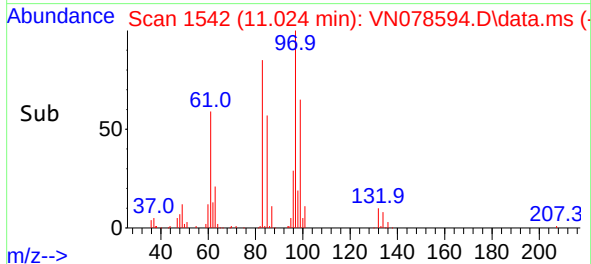


Tgt Ion: 97 Resp: 124992

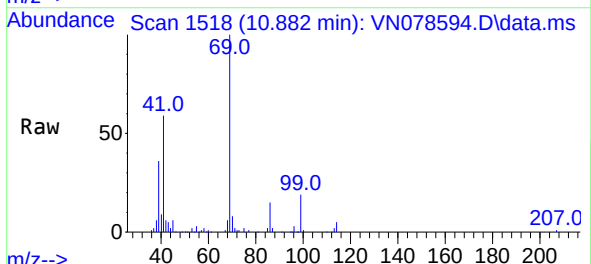
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.1	97.7
85	57.2	43.4	65.2
99	65.4	49.2	73.8

Manual Integrations
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Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

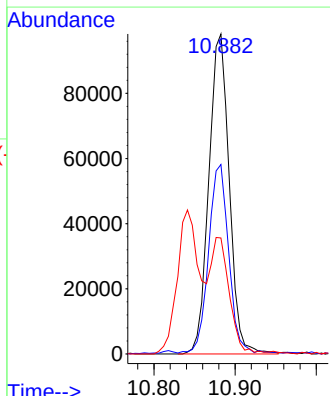
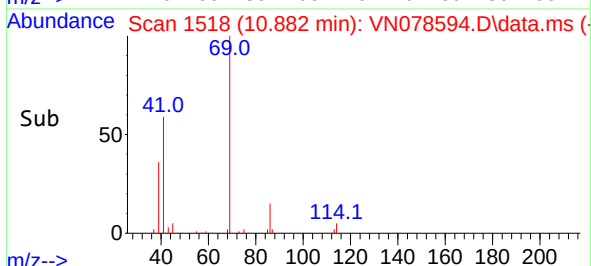


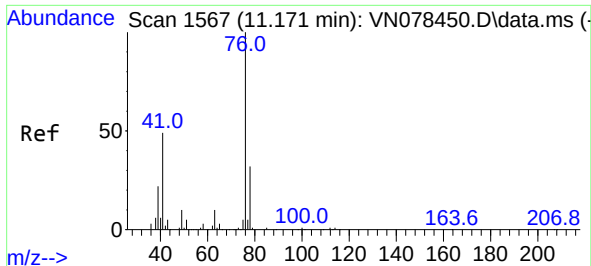
#56
Ethyl methacrylate
Concen: 19.813 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion: 69 Resp: 171381

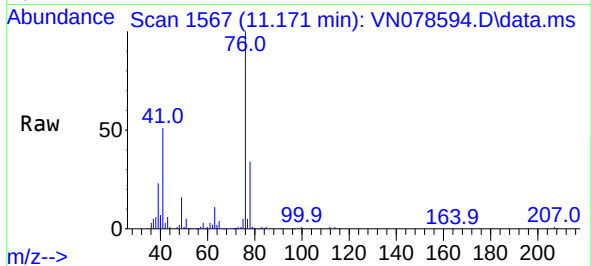
Ion	Ratio	Lower	Upper
69	100		
41	58.2	39.6	59.4
39	31.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.424 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

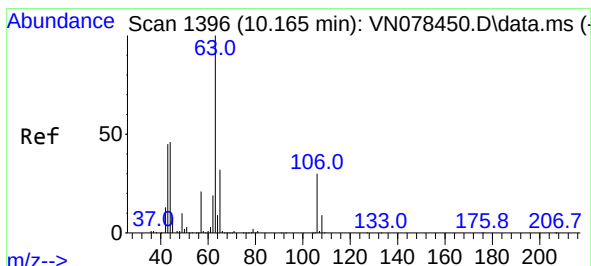
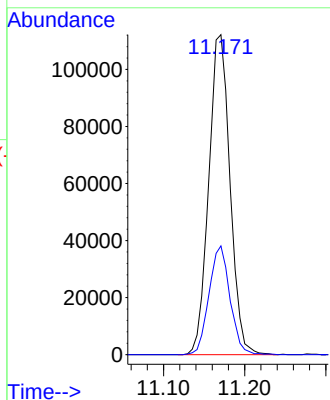
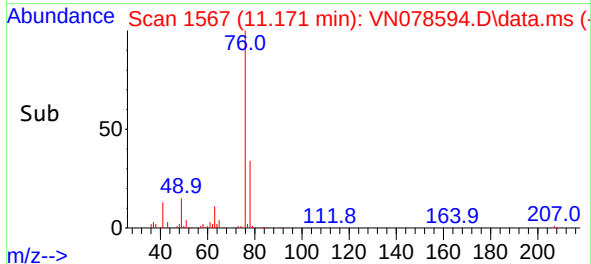
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



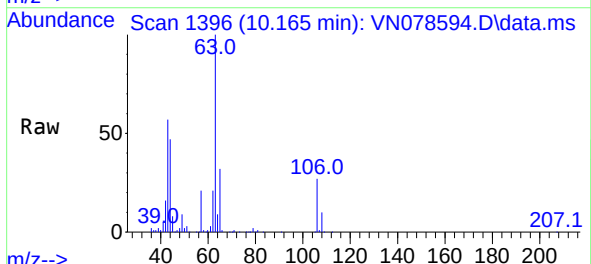
Tgt Ion: 76 Resp: 20436
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

Manual Integrations
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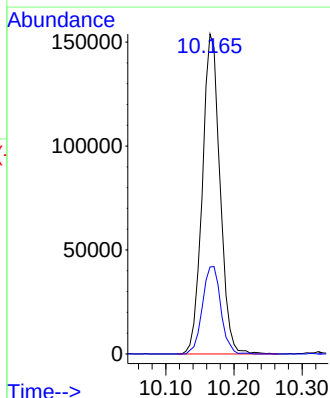
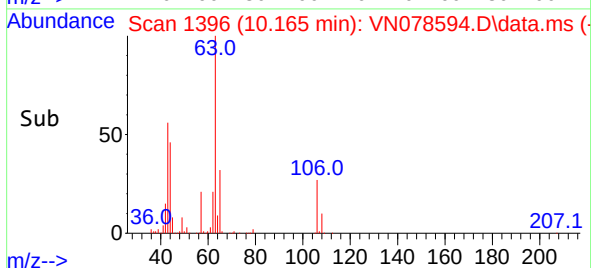
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

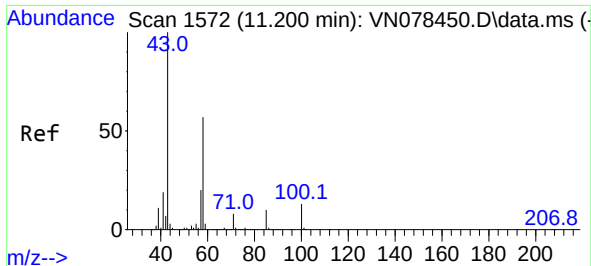


#58
2-Chloroethyl Vinyl ether
Concen: 89.830 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



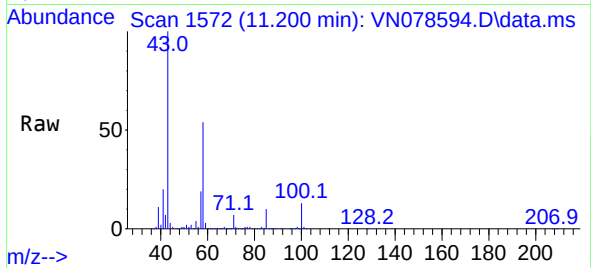
Tgt Ion: 63 Resp: 276914
Ion Ratio Lower Upper
63 100
106 28.4 26.2 39.4





#59
2-Hexanone
Concen: 99.596 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

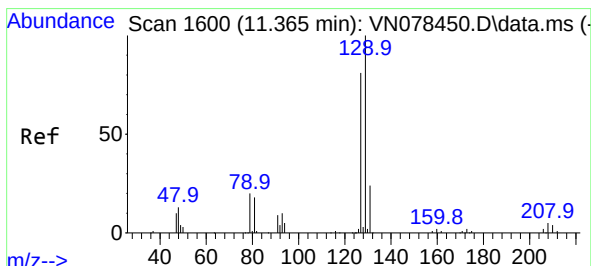
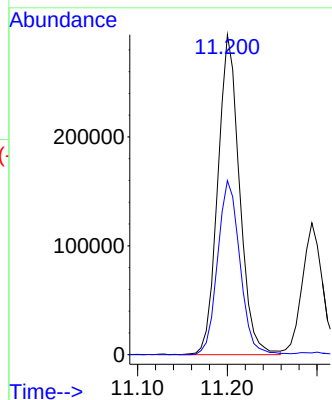
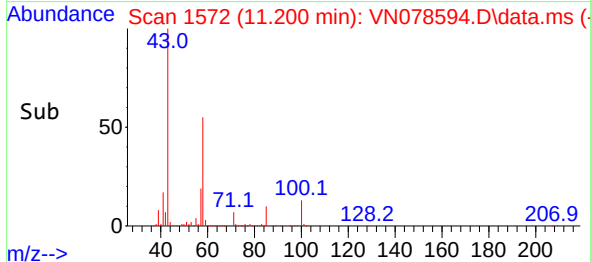
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 43 Resp: 494262
Ion Ratio Lower Upper
43 100
58 55.8 31.7 95.1

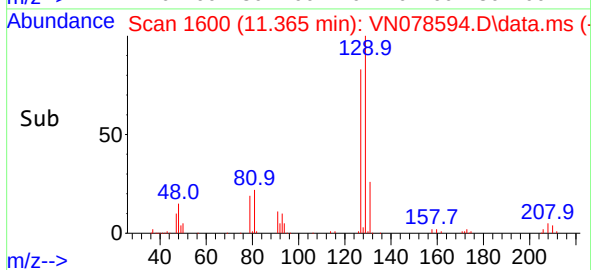
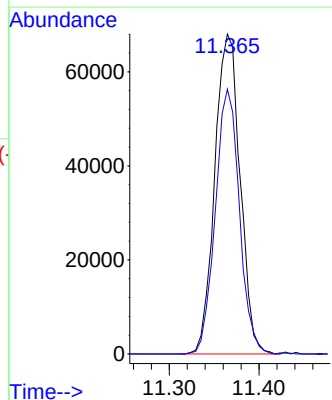
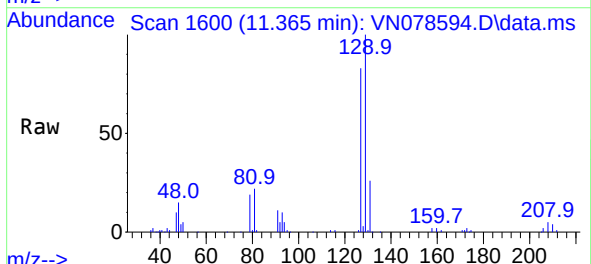
Manual Integrations
APPROVED

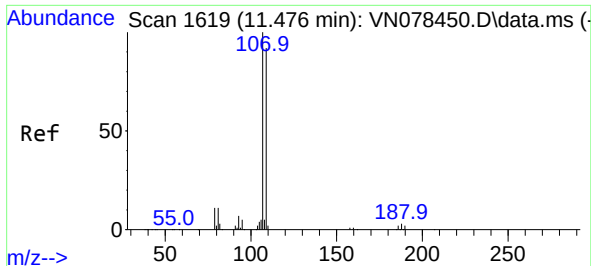
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 19.495 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

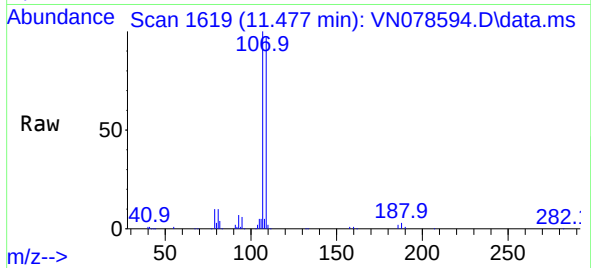
Tgt Ion:129 Resp: 133180
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.596 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

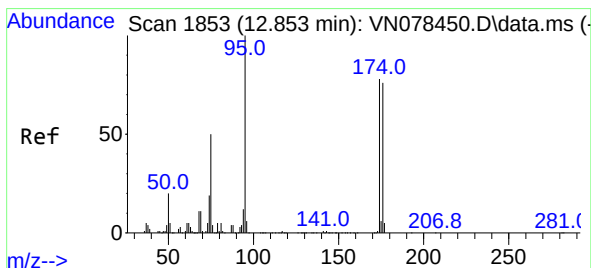
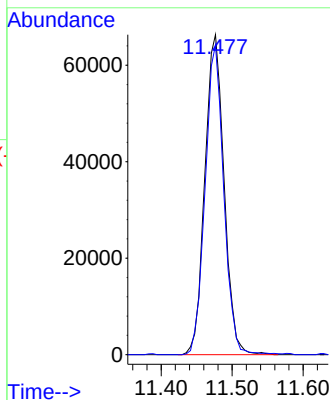
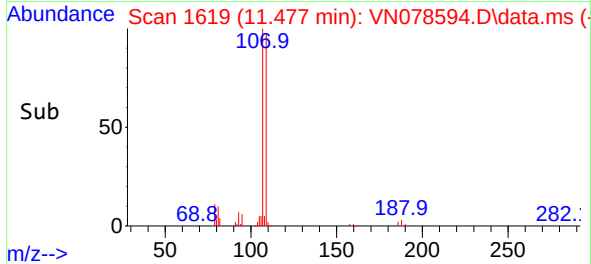
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



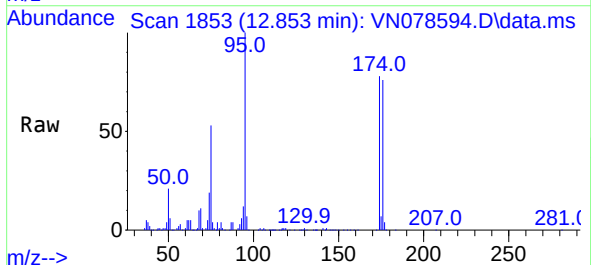
Tgt Ion:107 Resp: 124911
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8

Manual Integrations
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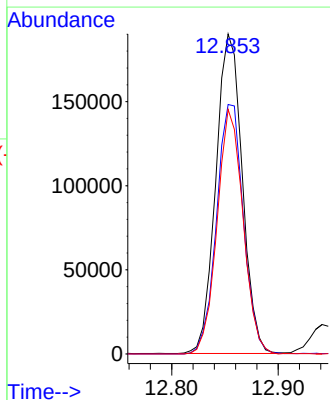
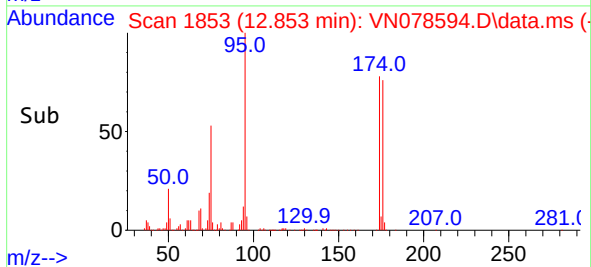
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

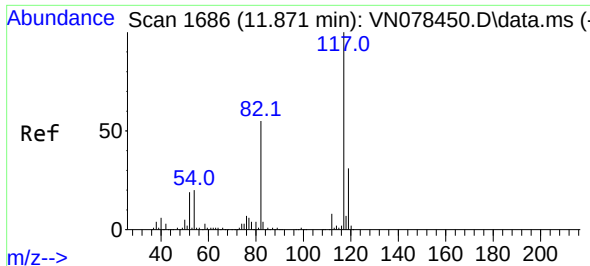


#62
4-Bromofluorobenzene
Concen: 47.432 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



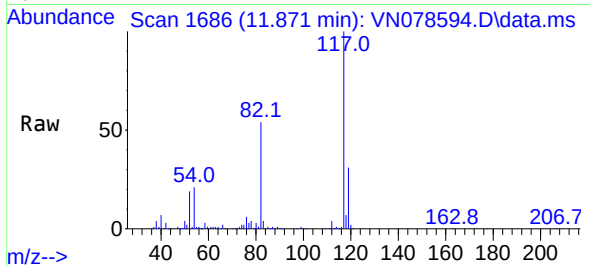
Tgt Ion: 95 Resp: 326956
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 75.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

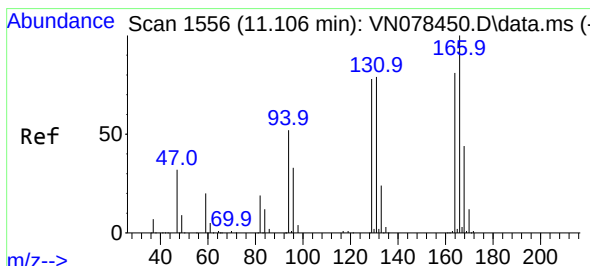
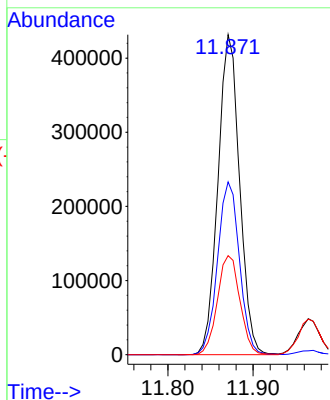
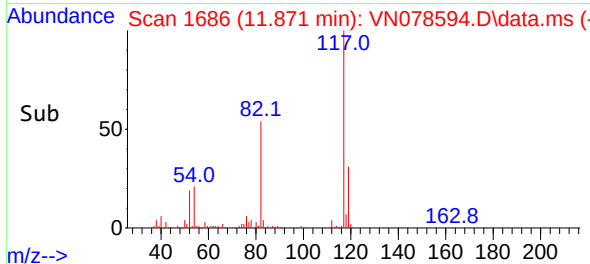
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



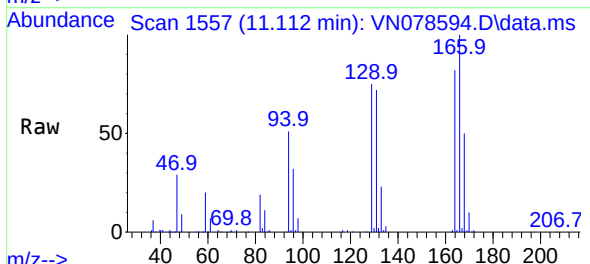
Tgt Ion:117 Resp: 75960
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.0 25.6 38.4

Manual Integrations
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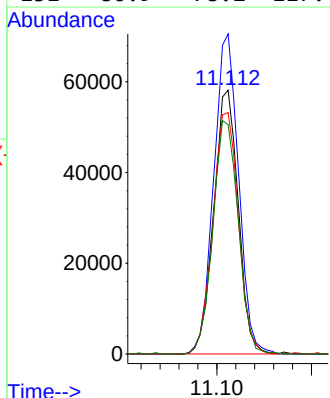
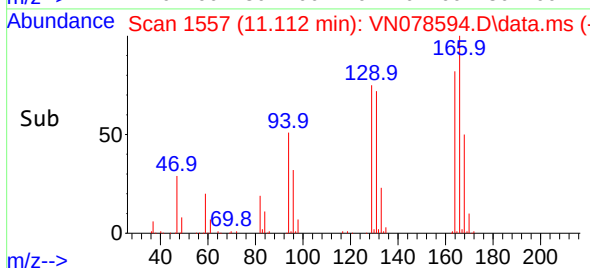
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

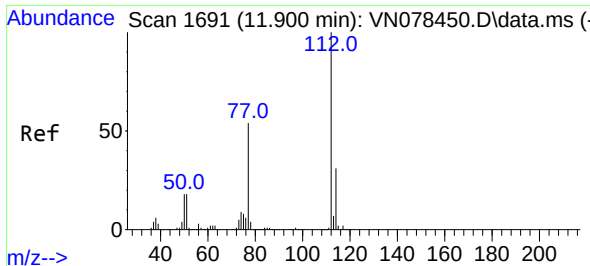


#64
Tetrachloroethene
Concen: 18.317 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion:164 Resp: 104605
Ion Ratio Lower Upper
164 100
166 121.3 101.4 152.0
129 91.5 82.4 123.6
131 86.9 78.2 117.4





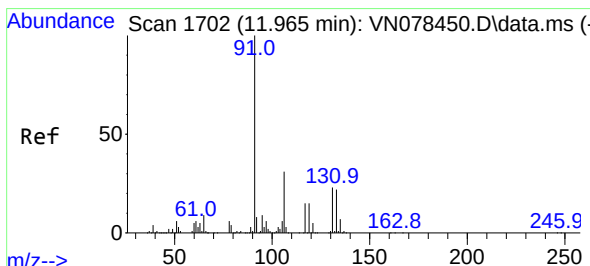
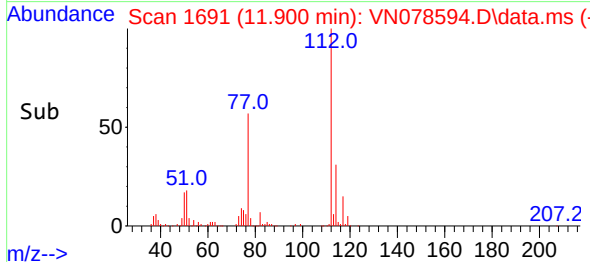
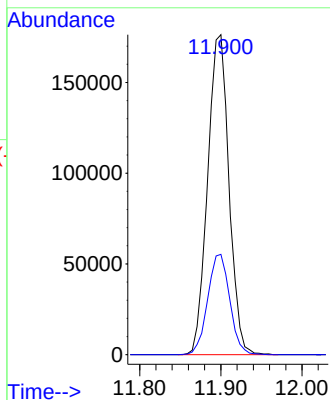
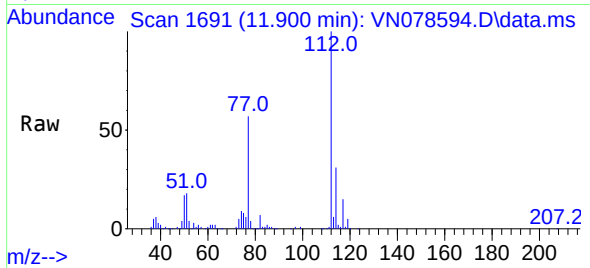
#65
Chlorobenzene
Concen: 18.967 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:112 Resp: 322045
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

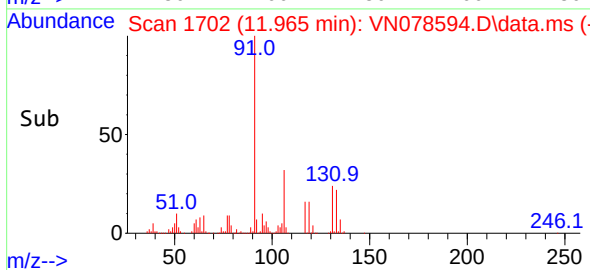
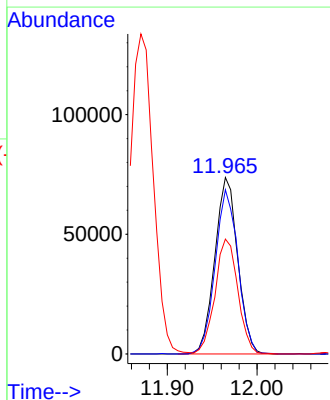
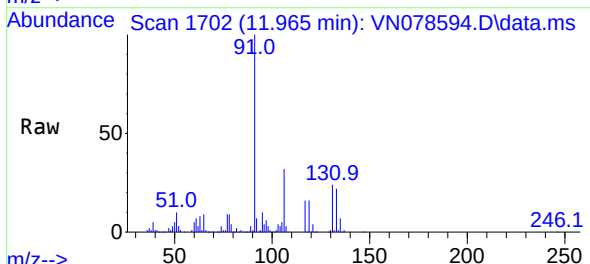
Manual Integrations
APPROVED

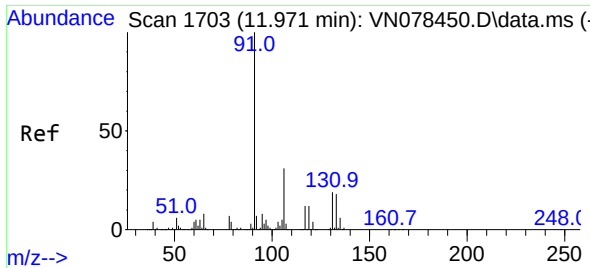
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.997 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

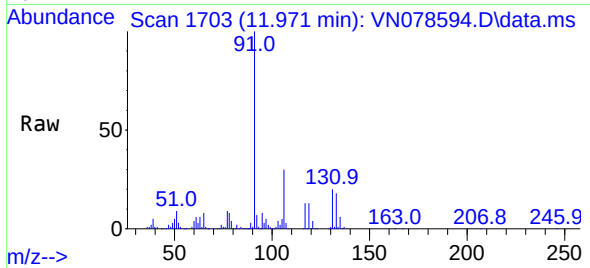
Tgt Ion:131 Resp: 130616
Ion Ratio Lower Upper
131 100
133 92.8 46.4 139.1
119 65.2 34.1 102.2





#67
Ethyl Benzene
Concen: 19.381 ug/l
RT: 11.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

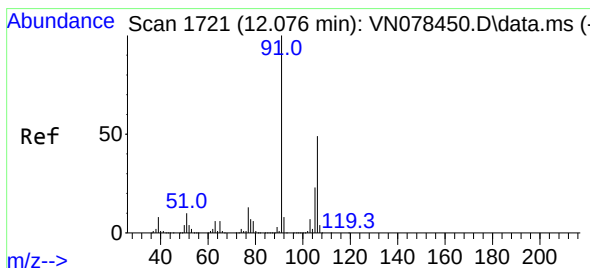
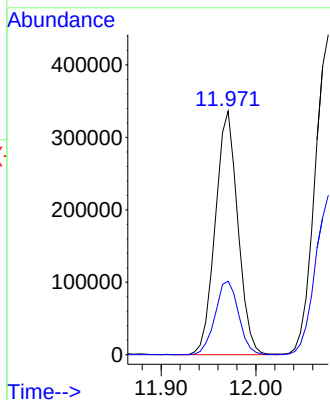
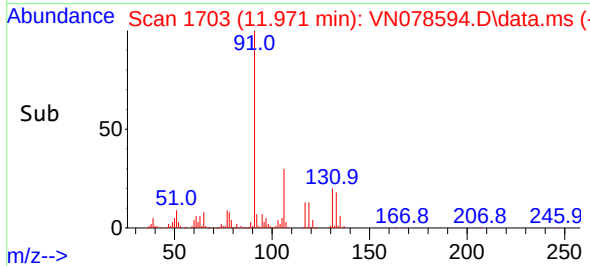
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



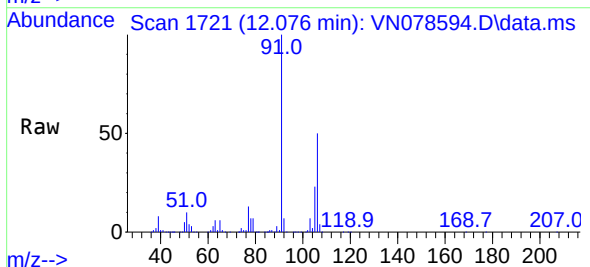
Tgt Ion: 91 Resp: 556250
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
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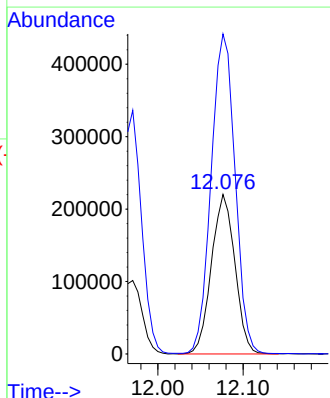
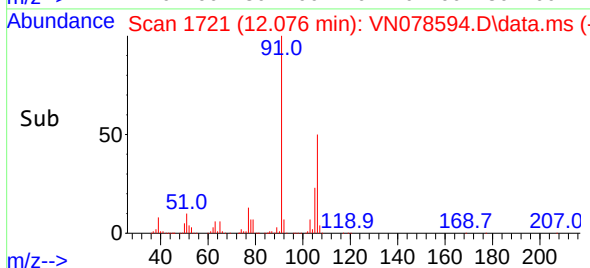
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

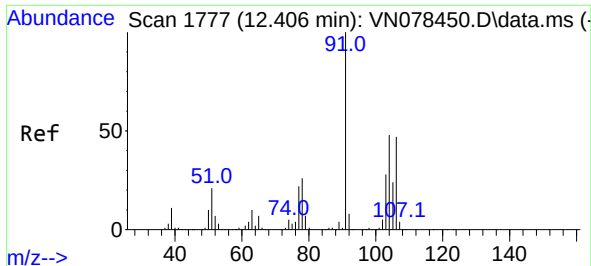


#68
m/p-Xylenes
Concen: 39.839 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



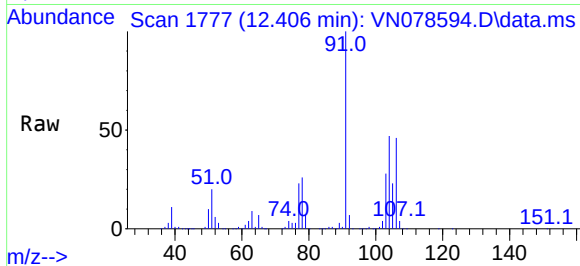
Tgt Ion:106 Resp: 422740
Ion Ratio Lower Upper
106 100
91 204.8 159.6 239.4





#69
o-Xylene
Concen: 19.686 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

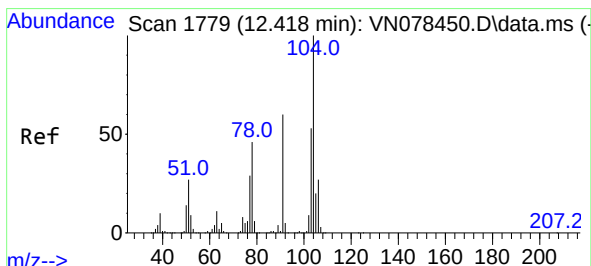
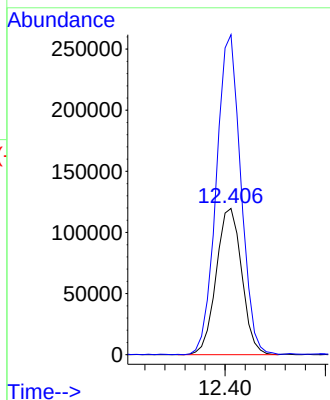
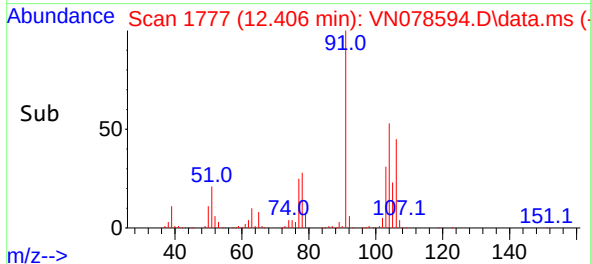
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



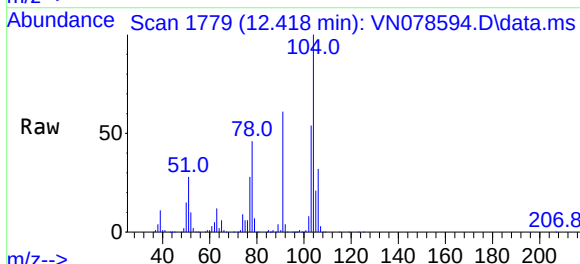
Tgt Ion:106 Resp: 210999
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.5

Manual Integrations
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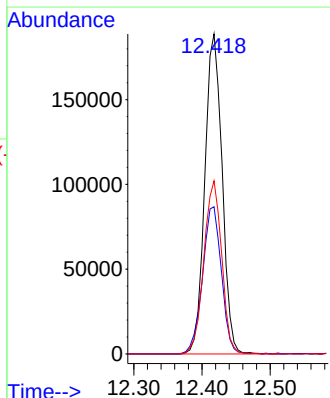
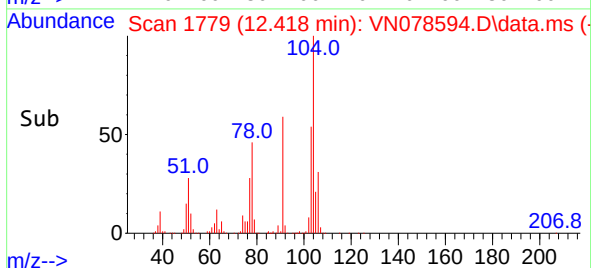
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

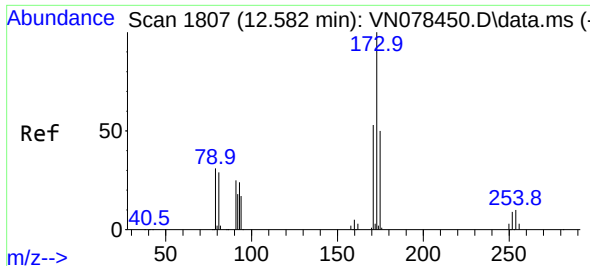


#70
Styrene
Concen: 19.892 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion:104 Resp: 333551
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.8 43.2 64.8





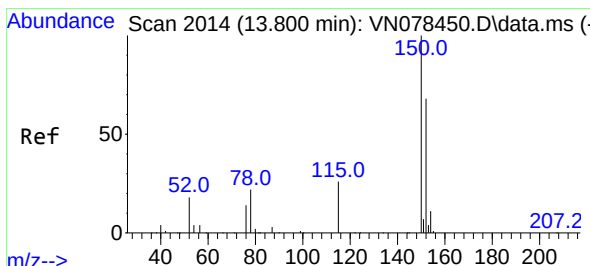
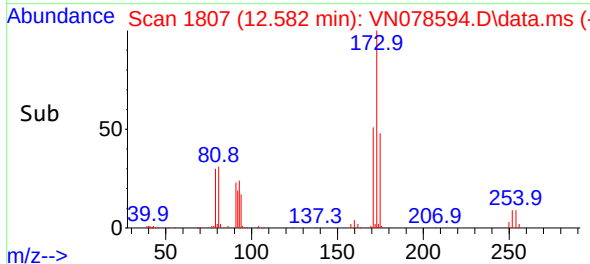
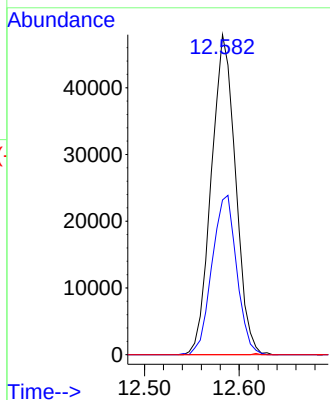
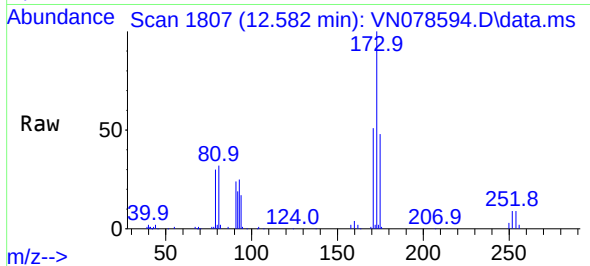
#71
Bromoform
Concen: 19.299 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:173 Resp: 8537
Ion Ratio Lower Upper
173 100
175 50.7 24.3 73.0
254 0.0 0.0 0.0

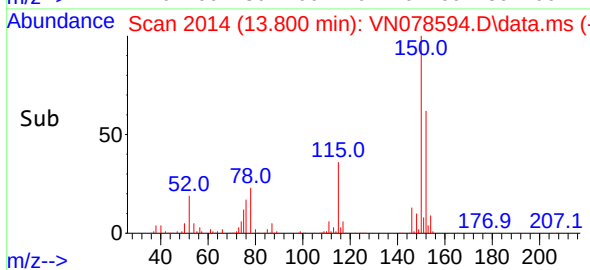
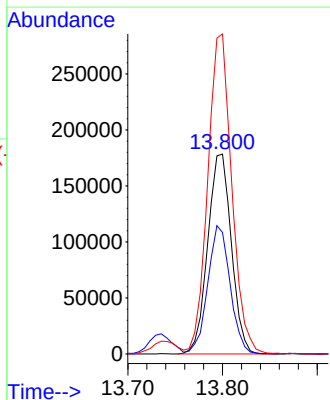
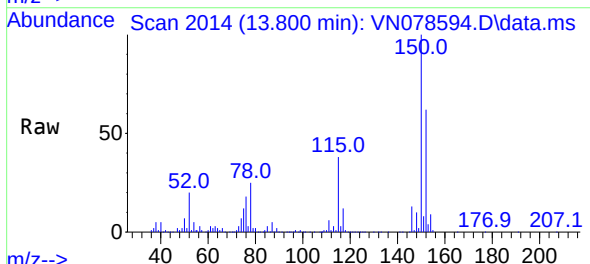
Manual Integrations
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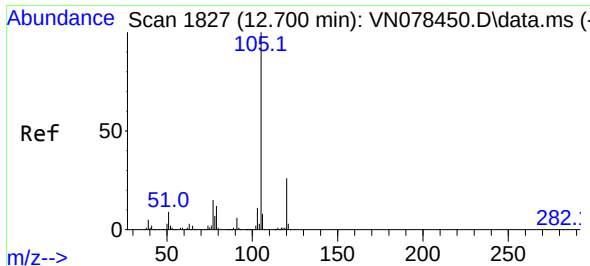
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

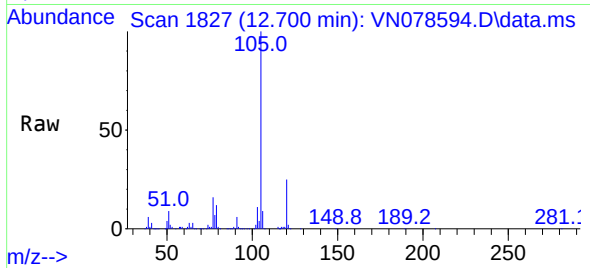
Tgt Ion:152 Resp: 310141
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 162.7 0.0 355.8





#73
Isopropylbenzene
Concen: 18.111 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

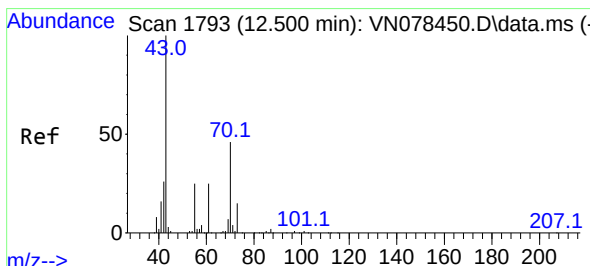
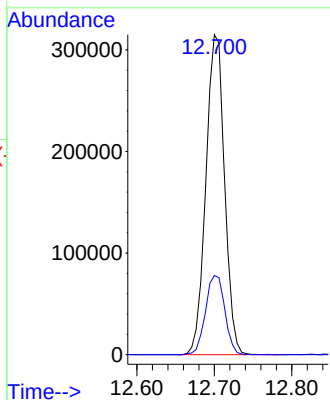
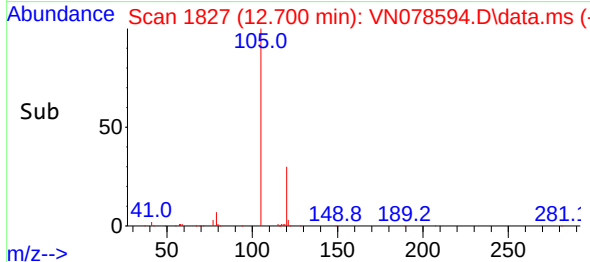
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



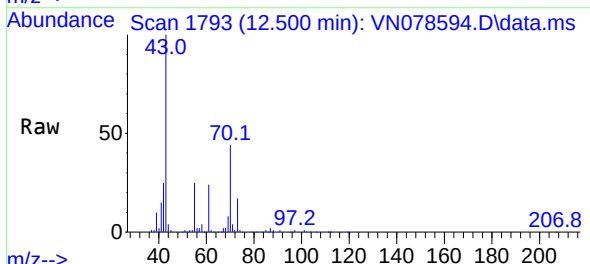
Tgt Ion:105 Resp: 52779
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

Manual Integrations
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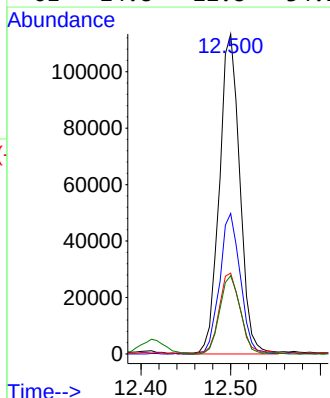
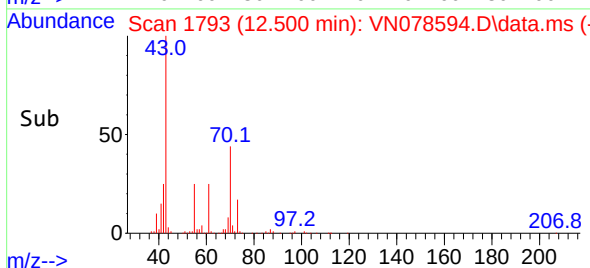
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

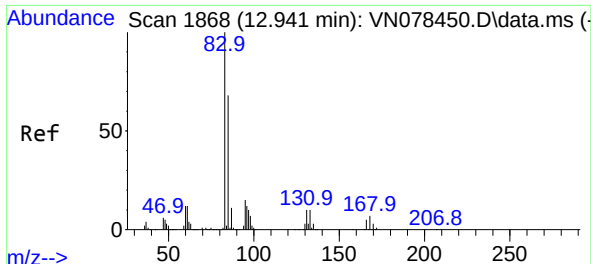


#74
N-ethyl acetate
Concen: 17.871 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



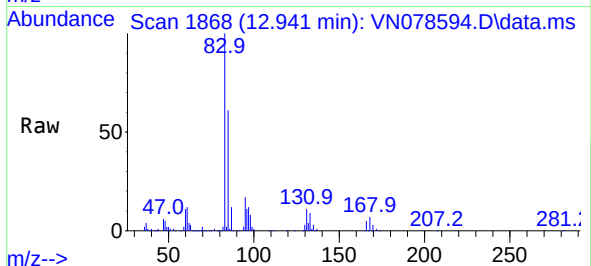
Tgt Ion: 43 Resp: 179480
Ion Ratio Lower Upper
43 100
70 44.1 43.4 65.2
55 26.5 21.4 32.0
61 24.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.149 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

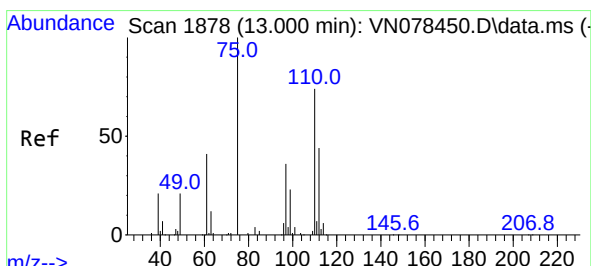
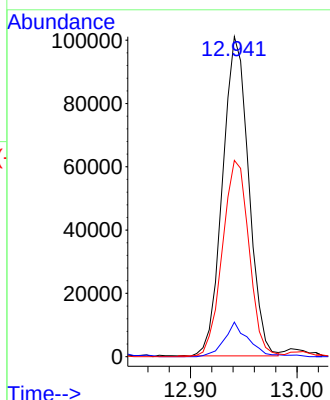
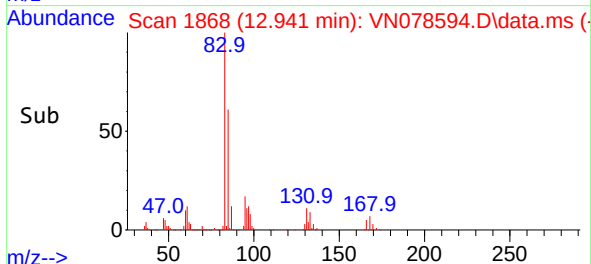
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



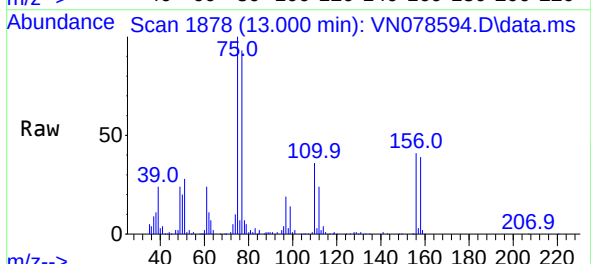
Tgt Ion: 83 Resp: 17141
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 62.9 31.9 95.7

Manual Integrations
APPROVED

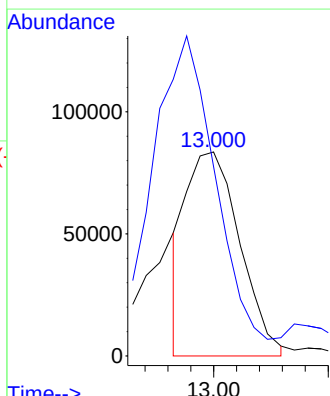
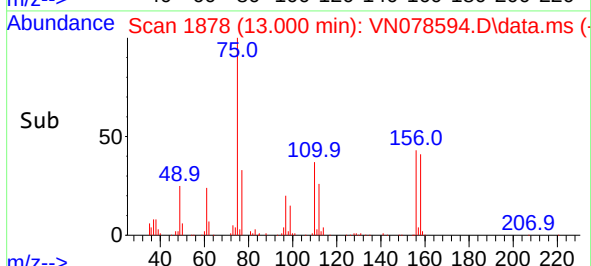
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

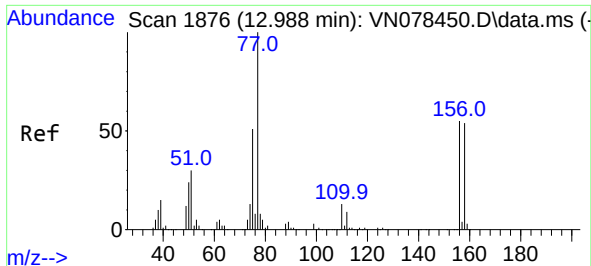


#76
1,2,3-Trichloropropane
Concen: 18.230 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



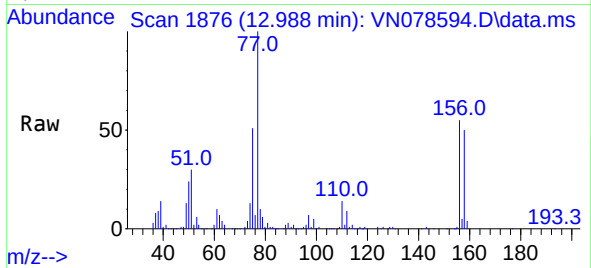
Tgt Ion: 75 Resp: 136661
Ion Ratio Lower Upper
75 100
77 188.8 84.5 253.5





#77
Bromobenzene
Concen: 18.849 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

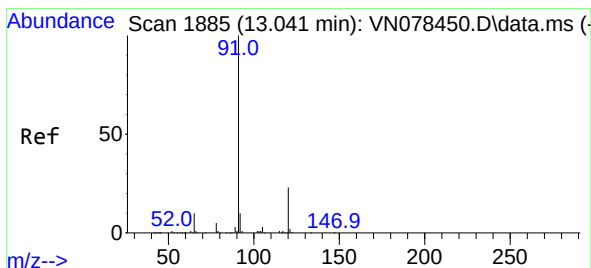
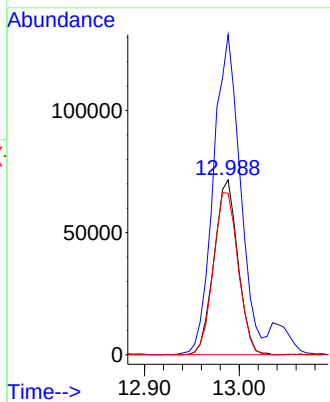
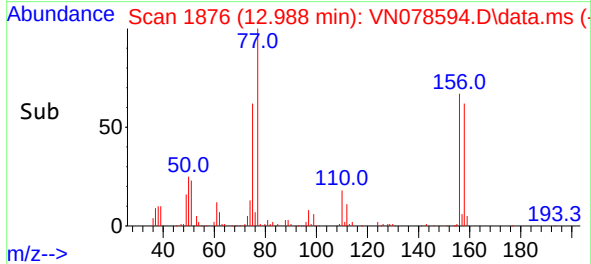
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



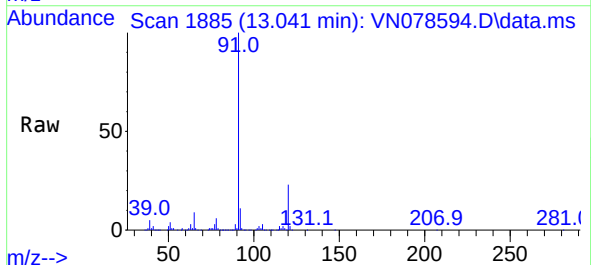
Tgt Ion:156 Resp: 12555
Ion Ratio Lower Upper
156 100
77 205.5 107.7 323.3
158 96.2 48.4 145.3

Manual Integrations
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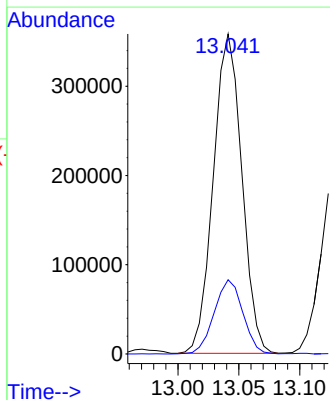
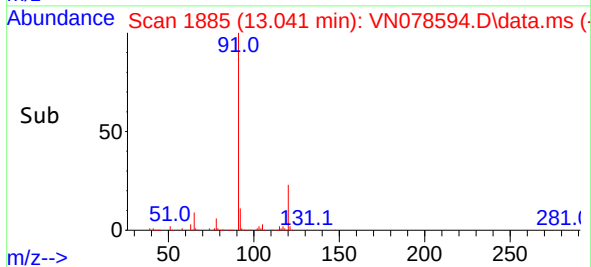
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

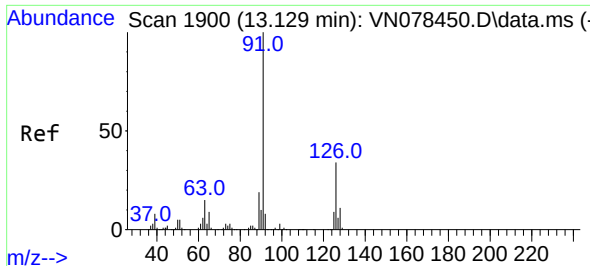


#78
n-propylbenzene
Concen: 18.692 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion: 91 Resp: 582542
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





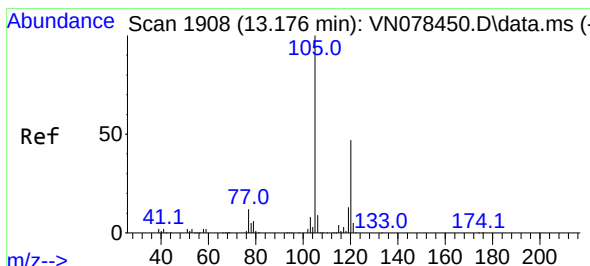
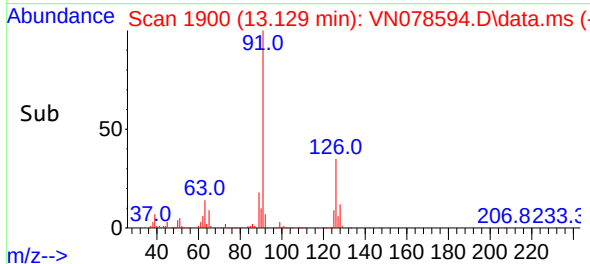
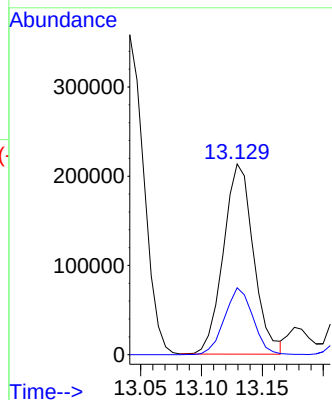
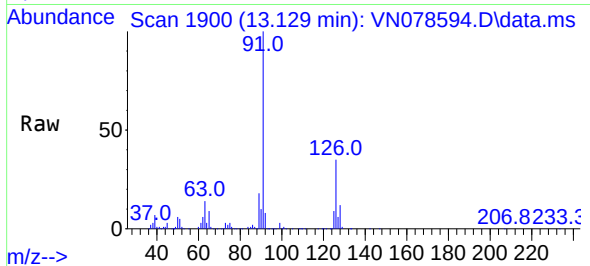
#79
2-Chlorotoluene
Concen: 18.024 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 91 Resp: 367938
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

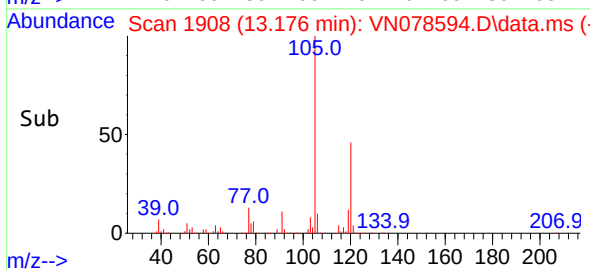
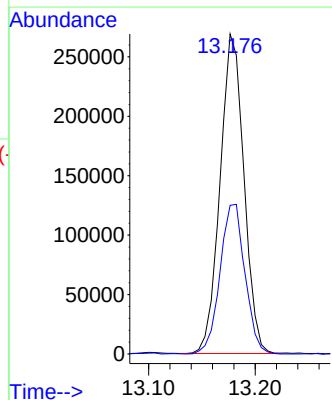
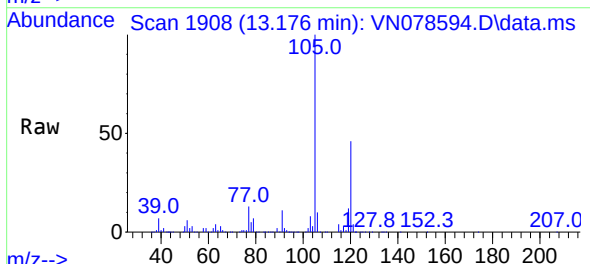
Manual Integrations
APPROVED

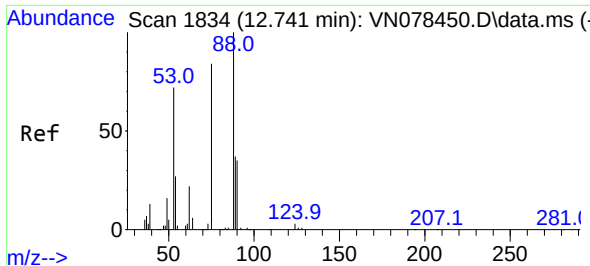
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.135 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

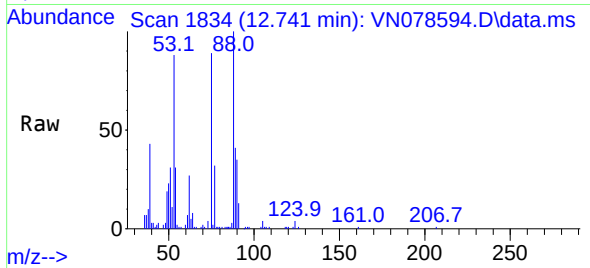
Tgt Ion:105 Resp: 417571
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.720 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

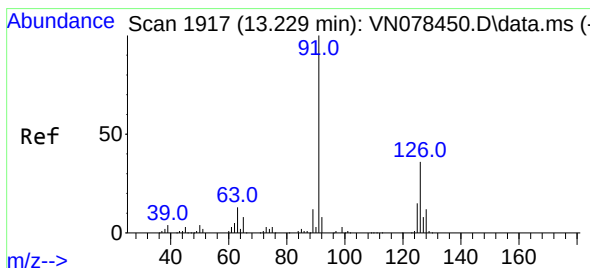
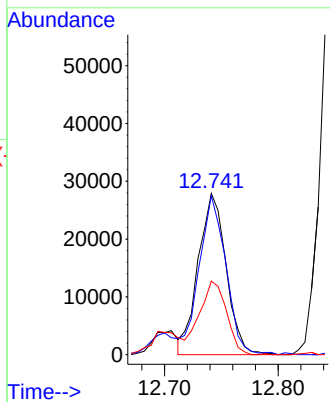
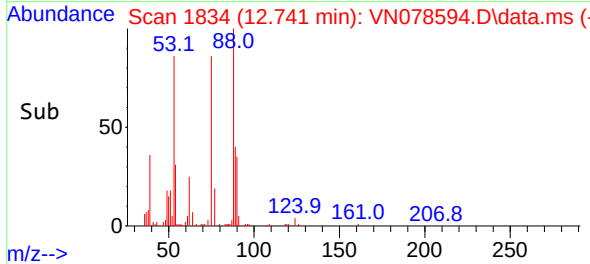
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 75 Resp: 47698
Ion Ratio Lower Upper
75 100
53 94.6 67.4 101.2
89 43.9 38.8 58.2

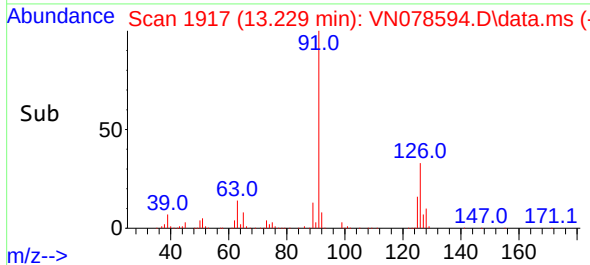
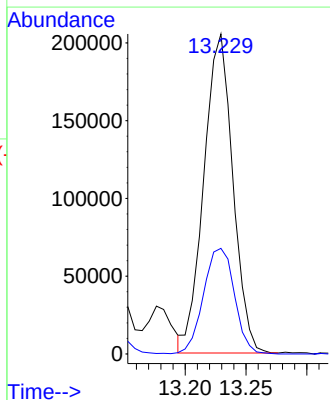
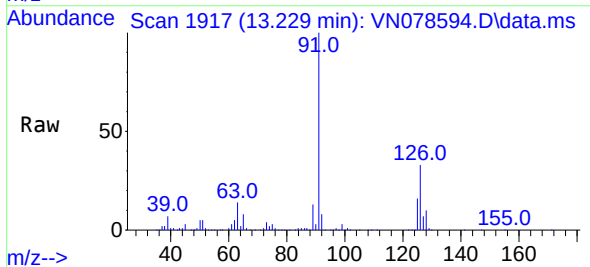
Manual Integrations
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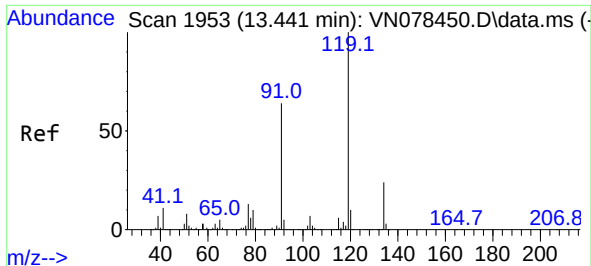
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#82
4-Chlorotoluene
Concen: 17.885 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

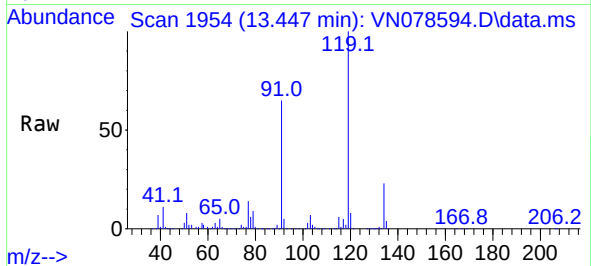
Tgt Ion: 91 Resp: 340597
Ion Ratio Lower Upper
91 100
126 35.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.414 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

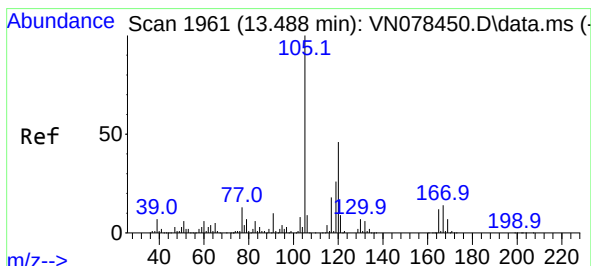
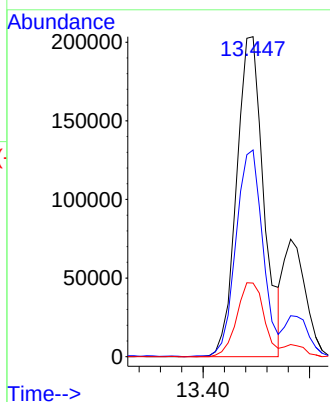
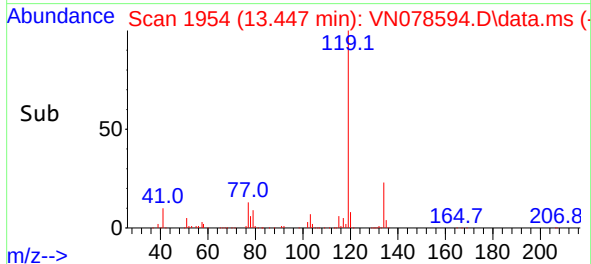
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



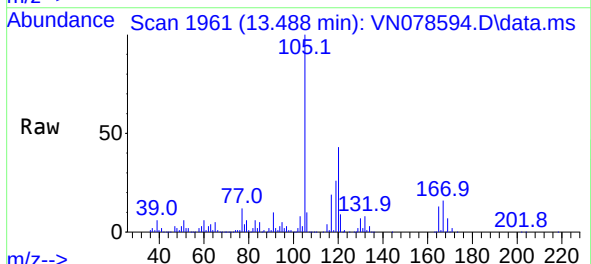
Tgt Ion:119 Resp: 359980
Ion Ratio Lower Upper
119 100
91 64.2 33.9 101.7
134 23.2 13.2 39.6

Manual Integrations
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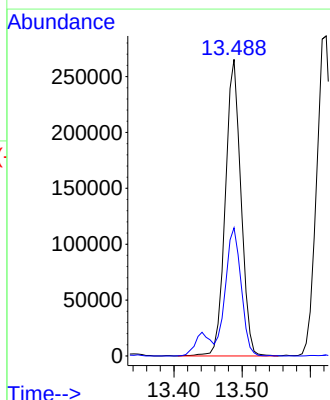
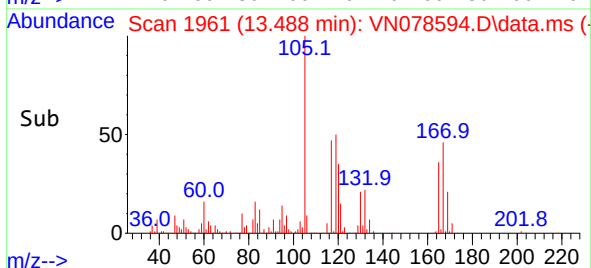
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

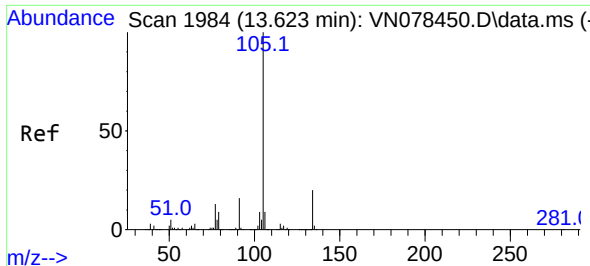


#84
1,2,4-Trimethylbenzene
Concen: 18.871 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



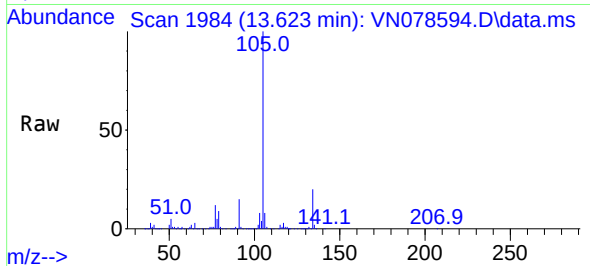
Tgt Ion:105 Resp: 422058
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.856 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23

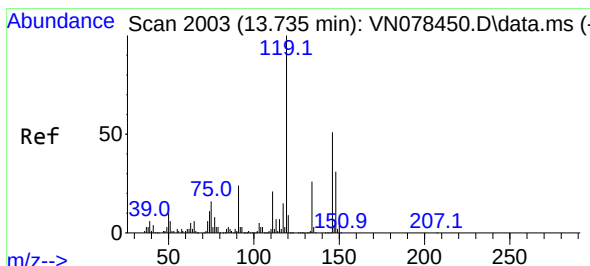
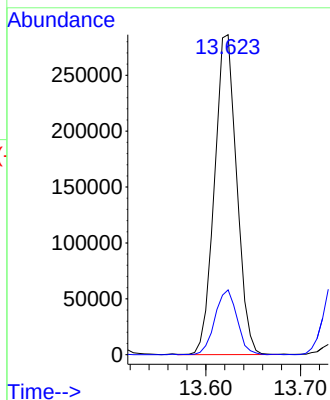
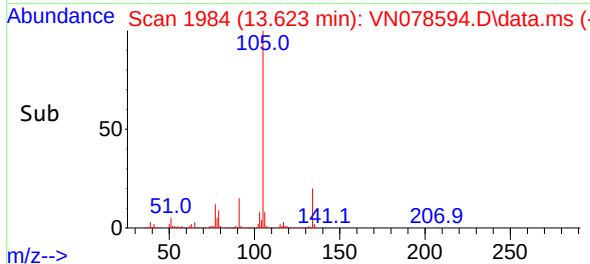
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01



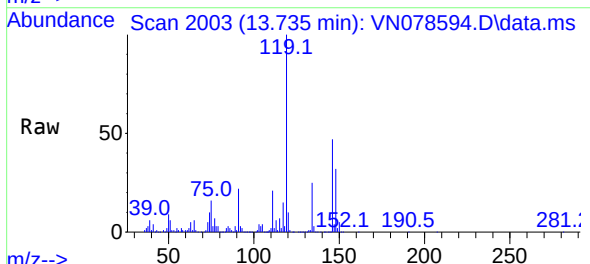
Tgt Ion:105 Resp: 465930
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

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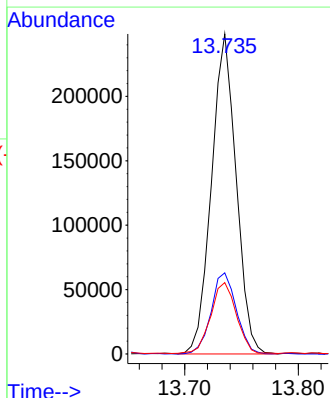
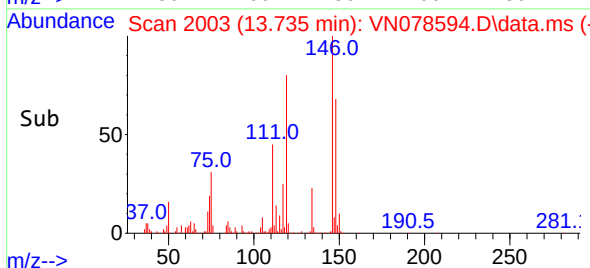
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

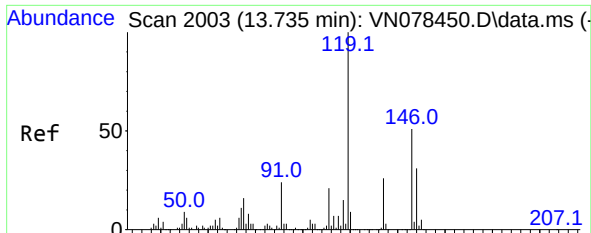


#86
 p-Isopropyltoluene
 Concen: 18.913 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078594.D
 Acq: 20 Jul 2023 15:23



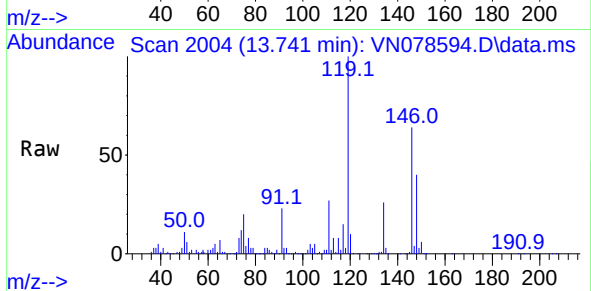
Tgt Ion:119 Resp: 375256
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.681 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

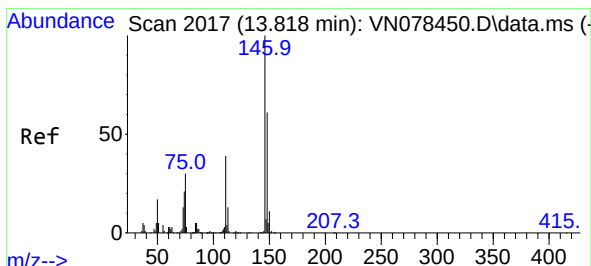
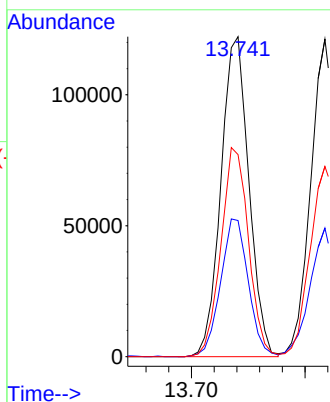
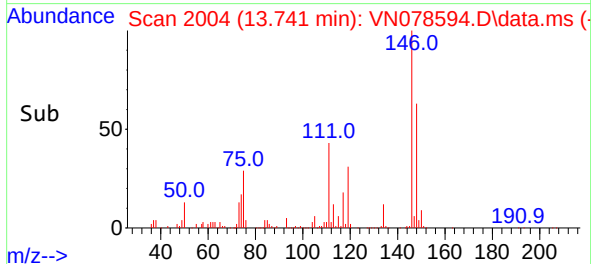
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion:146 Resp: 208999
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.3
148 64.4 32.0 96.0

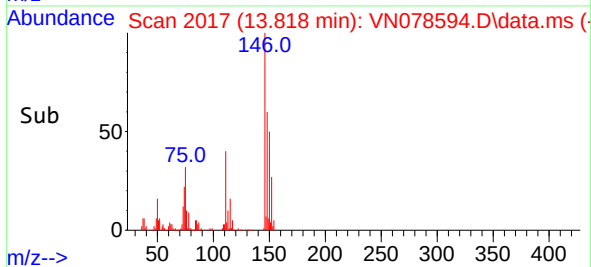
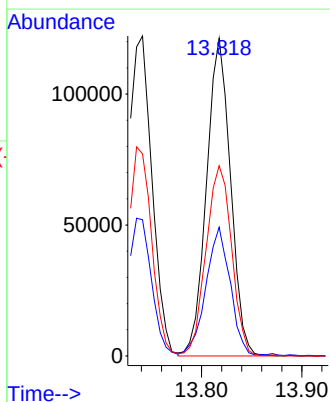
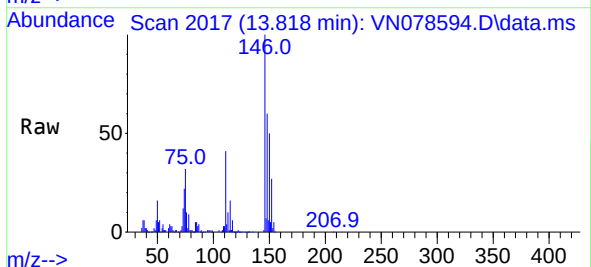
Manual Integrations
APPROVED

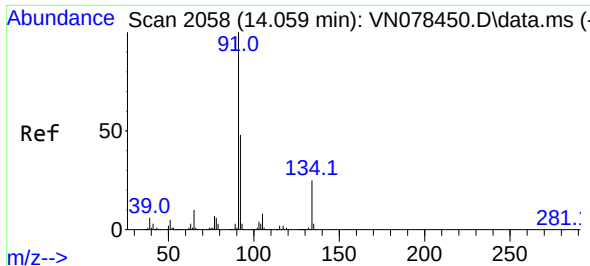
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#88
1,4-Dichlorobenzene
Concen: 17.894 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

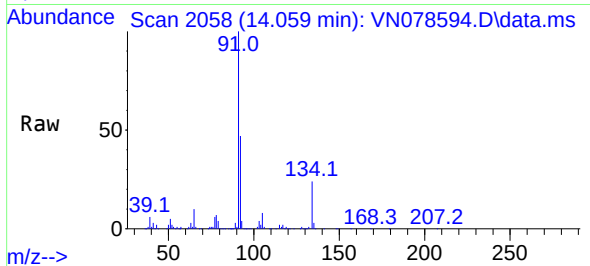
Tgt Ion:146 Resp: 201639
Ion Ratio Lower Upper
146 100
111 40.4 20.6 61.8
148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 20.298 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

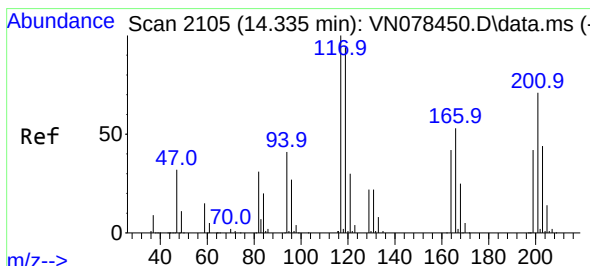
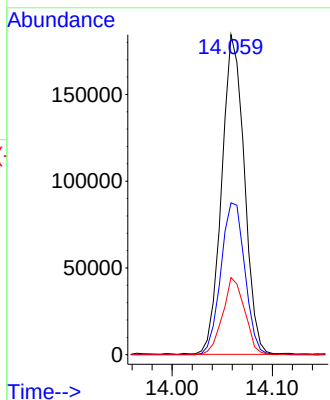
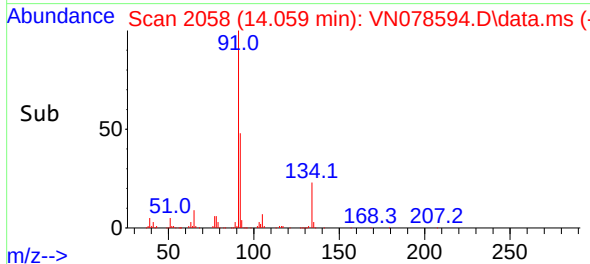
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 91 Resp: 288170
Ion Ratio Lower Upper
91 100
92 50.5 26.4 79.0
134 23.5 12.6 37.6

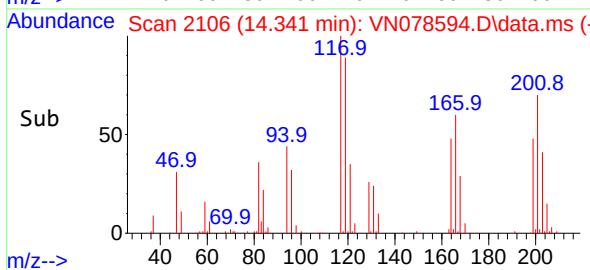
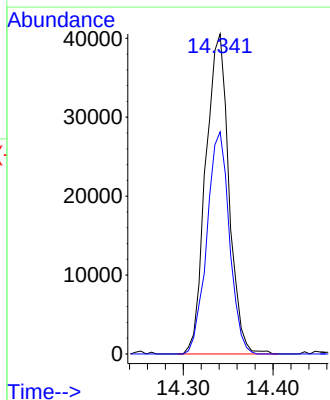
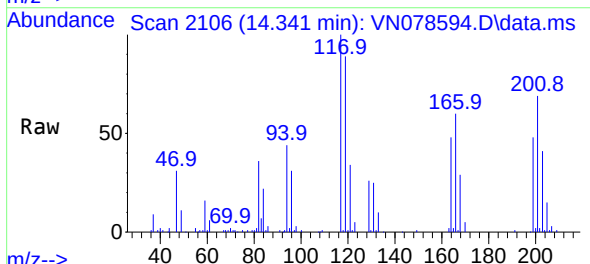
Manual Integrations
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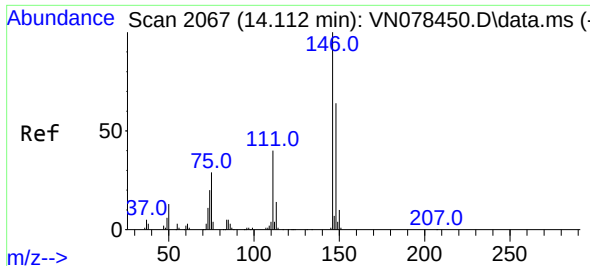
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#90
Hexachloroethane
Concen: 19.432 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

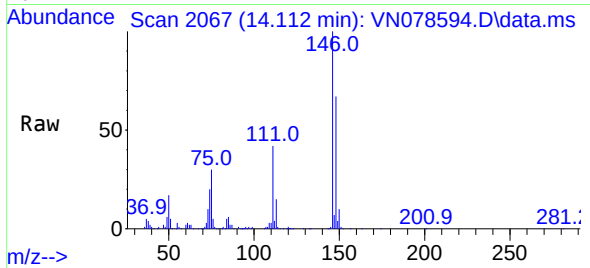
Tgt Ion:117 Resp: 72683
Ion Ratio Lower Upper
117 100
201 67.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.199 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

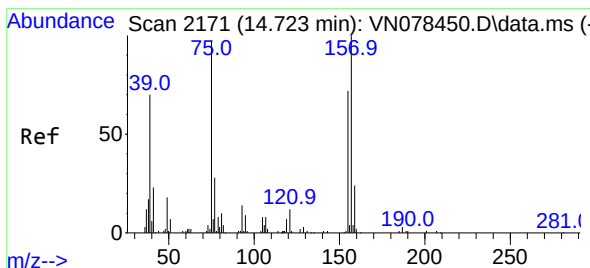
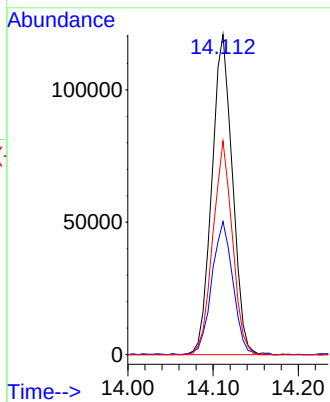
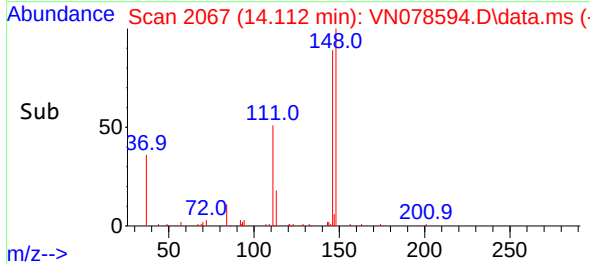
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



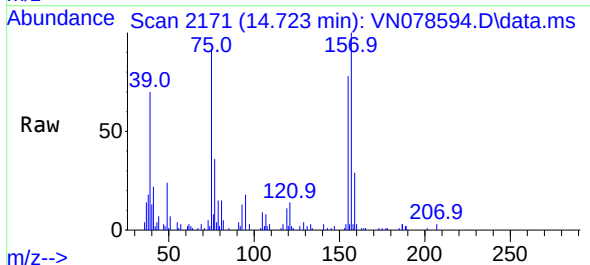
Tgt Ion:146 Resp: 202629
Ion Ratio Lower Upper
146 100
111 42.6 22.0 66.0
148 63.7 31.8 95.3

Manual Integrations
APPROVED

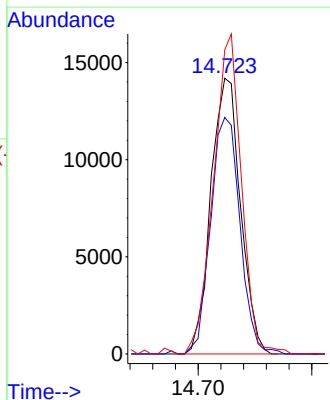
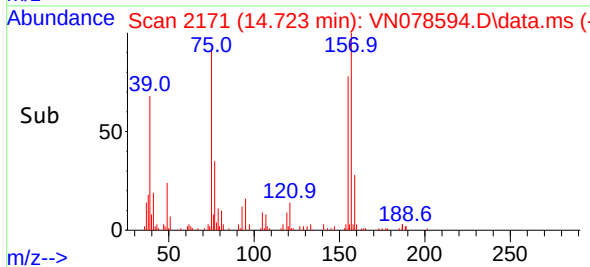
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

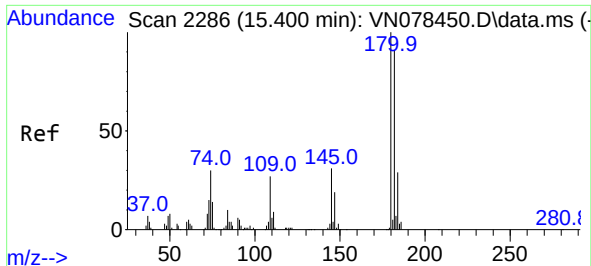


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.153 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion: 75 Resp: 25691
Ion Ratio Lower Upper
75 100
155 85.3 39.1 117.2
157 109.5 50.3 150.9





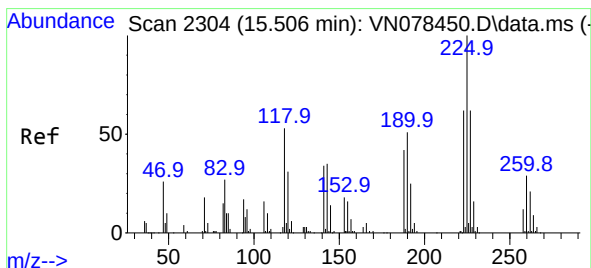
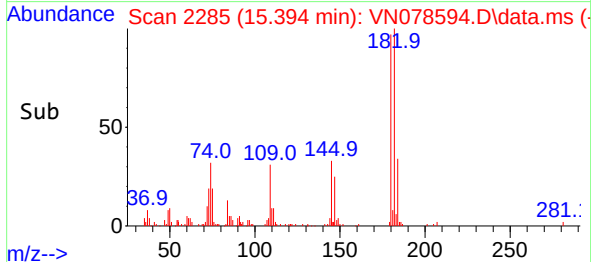
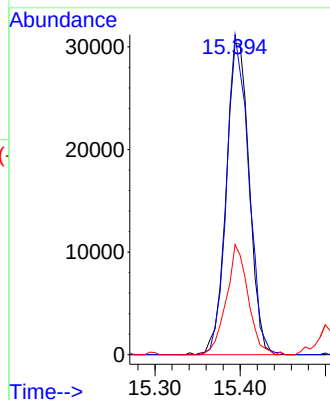
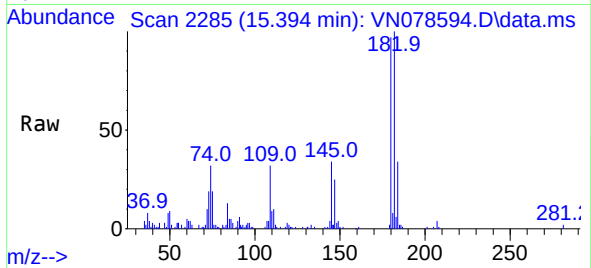
#93
1,2,4-Trichlorobenzene
Concen: 16.116 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:180 Resp: 5726
Ion Ratio Lower Upper
180 100
182 98.4 46.1 138.2
145 33.3 16.6 49.8

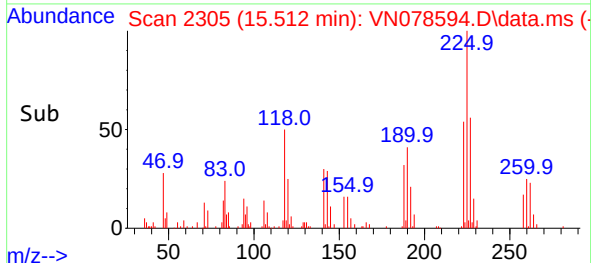
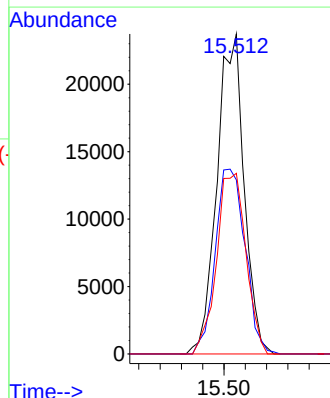
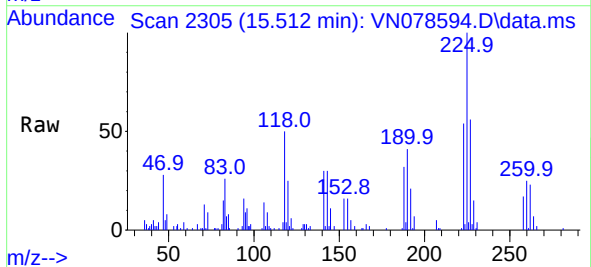
Manual Integrations
APPROVED

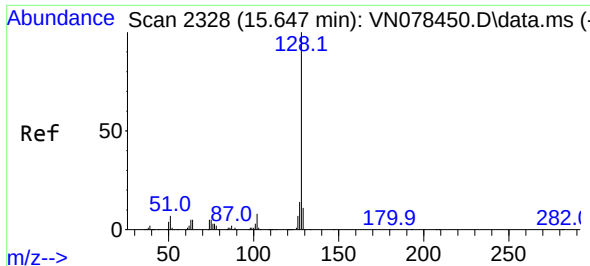
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#94
Hexachlorobutadiene
Concen: 20.348 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

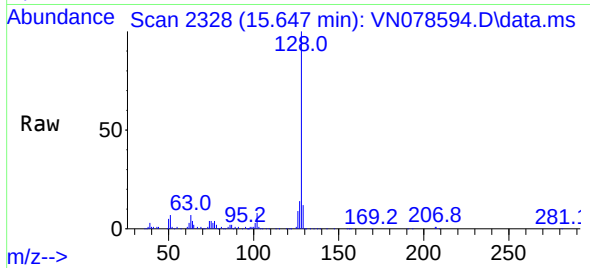
Tgt Ion:225 Resp: 41916
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 61.0 31.9 95.9





#95
Naphthalene
Concen: 14.622 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23

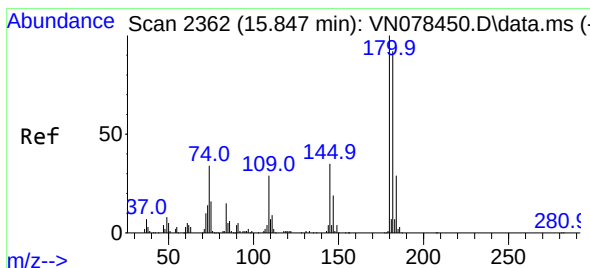
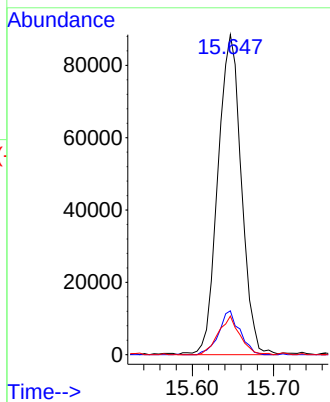
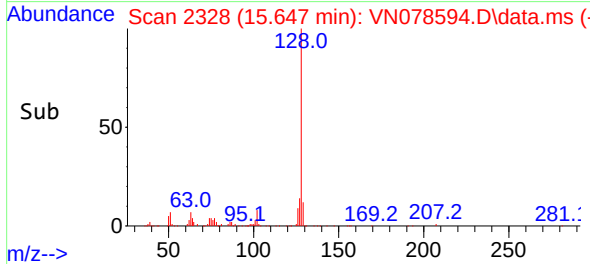
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



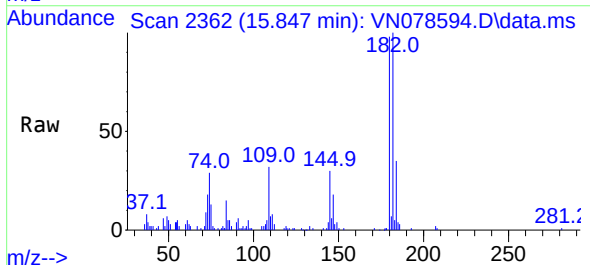
Tgt Ion:128 Resp: 17762
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.833 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078594.D
Acq: 20 Jul 2023 15:23



Tgt Ion:180 Resp: 68775
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 35.8 17.5 52.6

