

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078595.D
 Acq On : 20 Jul 2023 15:57
 Operator : JC\MD
 Sample : VN0720MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 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 06:16:12 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	8.236	168	479260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	813594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	730652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	287395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	357437	55.632	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.260%			
35) Dibromofluoromethane	8.171	113	310793	56.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.540%			
50) Toluene-d8	10.571	98	1114847	53.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.860%			
62) 4-Bromofluorobenzene	12.853	95	348562	54.238	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	97059	16.518	ug/l	98
3) Chloromethane	2.371	50	117357	18.375	ug/l	97
4) Vinyl Chloride	2.518	62	167550	20.280	ug/l	98
5) Bromomethane	2.953	94	104005	16.579	ug/l	98
6) Chloroethane	3.124	64	94749	17.718	ug/l	97
7) Trichlorofluoromethane	3.501	101	182926	18.522	ug/l	98
8) Diethyl Ether	3.977	74	66973	20.354	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	98748	18.888	ug/l	94
10) Methyl Iodide	4.595	142	123653	17.212	ug/l	95
11) Tert butyl alcohol	5.542	59	104745	105.723	ug/l	99
12) 1,1-Dichloroethene	4.348	96	91012	17.997	ug/l	92
13) Acrolein	4.195	56	116065	119.070	ug/l	97
14) Allyl chloride	5.036	41	129606	18.756	ug/l	95
15) Acrylonitrile	5.736	53	257324	102.796	ug/l	99
16) Acetone	4.442	43	209346	104.601	ug/l	94
17) Carbon Disulfide	4.718	76	219874	15.036	ug/l	98
18) Methyl Acetate	5.036	43	176809	20.869	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	342436	20.552	ug/l	95
20) Methylene Chloride	5.289	84	117401	19.710	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	105506	18.514	ug/l	90
22) Diisopropyl ether	6.689	45	329892	21.321	ug/l #	88
23) Vinyl Acetate	6.612	43	1020820	103.777	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	201223	19.300	ug/l	96
25) 2-Butanone	7.494	43	325639	103.363	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	170500	19.994	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	130076	19.731	ug/l	92
28) Bromochloromethane	7.824	49	117098	23.845	ug/l	92
29) Tetrahydrofuran	7.847	42	212017	102.561	ug/l #	84
30) Chloroform	7.977	83	223579	20.597	ug/l	96
31) Cyclohexane	8.265	56	151944	17.499	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	185416	19.052	ug/l	97
36) 1,1-Dichloropropene	8.377	75	152742	19.154	ug/l	97
37) Ethyl Acetate	7.571	43	145398	21.872	ug/l #	94
38) Carbon Tetrachloride	8.371	117	166115	19.166	ug/l	96
39) Methylcyclohexane	9.606	83	137466	18.885	ug/l	92
40) Benzene	8.612	78	472114	19.983	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	71700	21.157	ug/l	92
42) 1,2-Dichloroethane	8.677	62	169064	21.039	ug/l	98
43) Isopropyl Acetate	8.694	43	248203	22.678	ug/l #	92
44) Trichloroethene	9.359	130	120692	18.954	ug/l	94
45) 1,2-Dichloropropane	9.624	63	128014	21.394	ug/l	98
46) Dibromomethane	9.718	93	88950	21.121	ug/l	92
47) Bromodichloromethane	9.894	83	179311	21.240	ug/l	96
48) Methyl methacrylate	9.688	41	109031	21.503	ug/l	89
49) 1,4-Dioxane	9.700	88	45727	413.521	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	706483	108.522	ug/l	94
52) Toluene	10.635	92	298462	20.383	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	180588	20.880	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	200357	21.733	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	125647	21.779	ug/l	98
56) Ethyl methacrylate	10.882	69	176615	21.900	ug/l	93
57) 1,3-Dichloropropane	11.171	76	210826	21.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	334132	116.261	ug/l	93
59) 2-Hexanone	11.200	43	506395	109.449	ug/l	91
60) Dibromochloromethane	11.365	129	137273	21.553	ug/l	100
61) 1,2-Dibromoethane	11.476	107	128109	21.557	ug/l	96
64) Tetrachloroethene	11.106	164	99037	18.029	ug/l	96
65) Chlorobenzene	11.900	112	326700	20.004	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	125954	20.047	ug/l	98
67) Ethyl Benzene	11.971	91	548159	19.856	ug/l	100
68) m/p-Xylenes	12.076	106	410844	40.252	ug/l	97
69) o-Xylene	12.406	106	207062	20.085	ug/l	100
70) Styrene	12.418	104	334032	20.710	ug/l	99
71) Bromoform	12.582	173	87519	20.568	ug/l #	97
73) Isopropylbenzene	12.700	105	514466	19.051	ug/l	99
74) N-amyl acetate	12.500	43	178638	19.195	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	176966	21.710	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	140284m	20.194	ug/l	
77) Bromobenzene	12.982	156	125593	20.474	ug/l	97
78) n-propylbenzene	13.041	91	565905	19.595	ug/l	100
79) 2-Chlorotoluene	13.129	91	349893	18.496	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	421813	19.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	55825	21.118	ug/l	90
82) 4-Chlorotoluene	13.229	91	337381	19.118	ug/l	97
83) tert-Butylbenzene	13.441	119	357310	19.724	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	418170	20.177	ug/l	99
85) sec-Butylbenzene	13.623	105	447620	19.549	ug/l	99
86) p-Isopropyltoluene	13.735	119	369070	20.073	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	205998	19.871	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	191943	18.381	ug/l	97
89) n-Butylbenzene	14.059	91	278329	21.157	ug/l	96
90) Hexachloroethane	14.335	117	70355	20.335	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	200172	19.402	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25126	18.215	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	54316	16.496	ug/l	96
94) Hexachlorobutadiene	15.511	225	39894	21.021	ug/l	98
95) Naphthalene	15.647	128	168227	14.945	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	63318	16.724	ug/l	95

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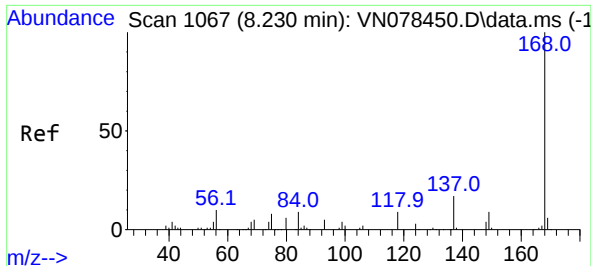
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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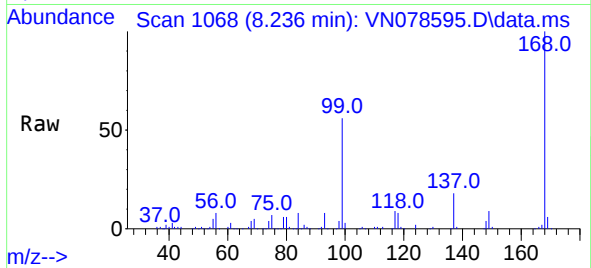
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

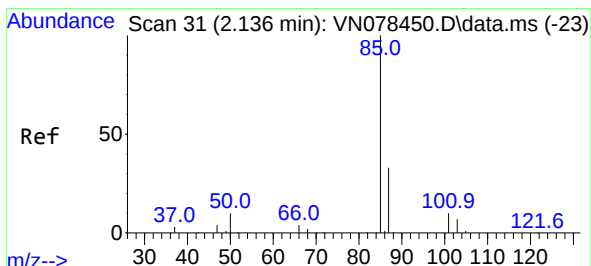
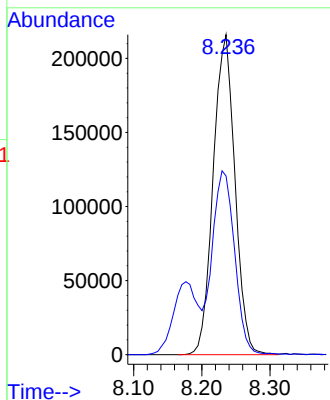
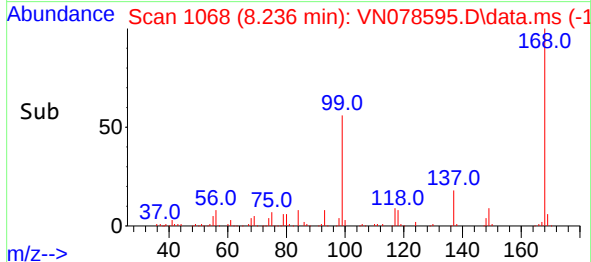
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ClientSampleId :
VN0720MBS01



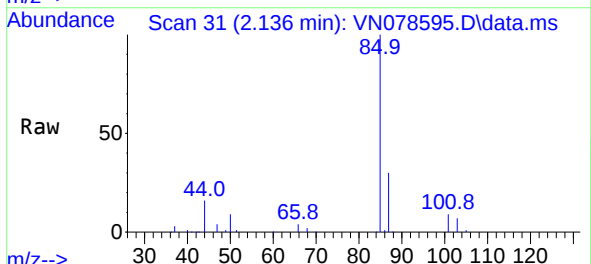
Tgt Ion:168 Resp: 479260
Ion Ratio Lower Upper
168 100
99 55.7 53.0 79.6

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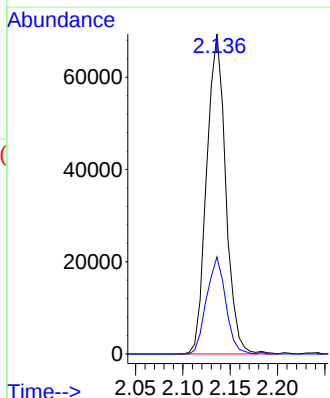
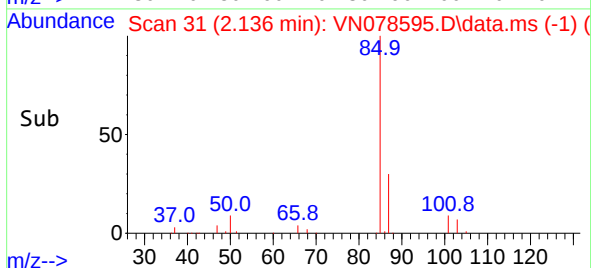
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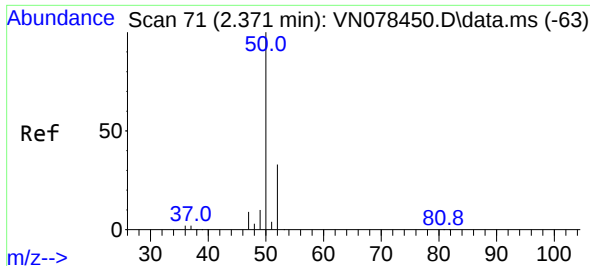


#2
Dichlorodifluoromethane
Concen: 16.518 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



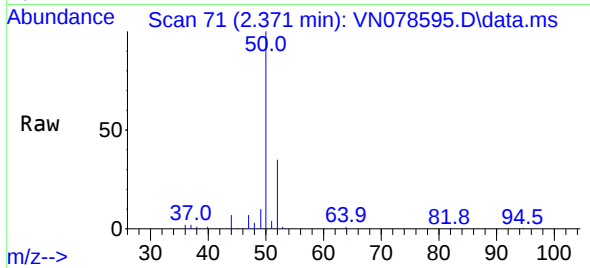
Tgt Ion: 85 Resp: 97059
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4





#3
Chloromethane
Concen: 18.375 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

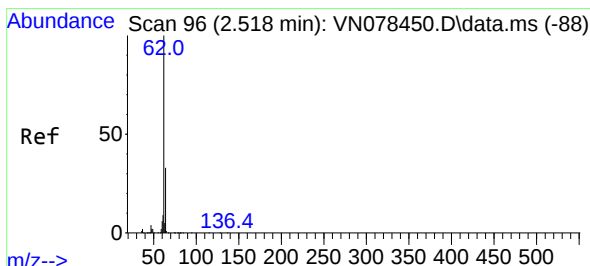
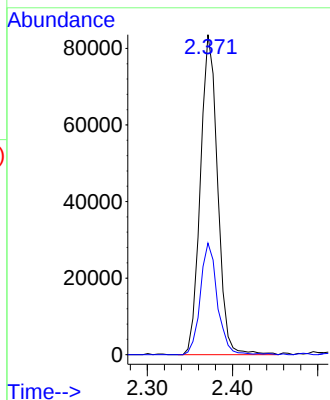
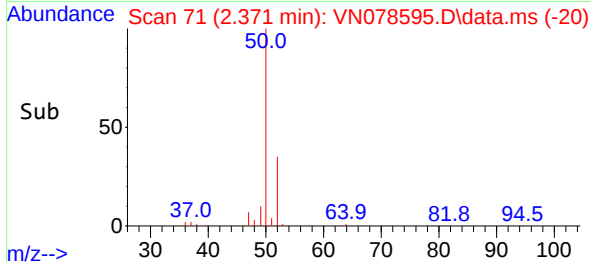
Instrument :
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ClientSampleId :
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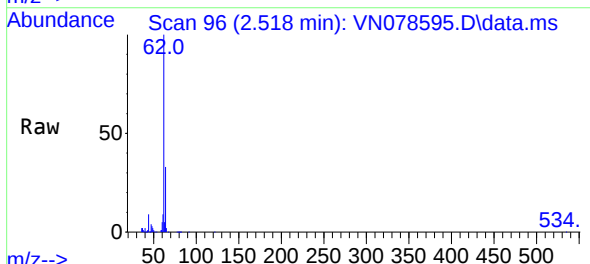
Tgt Ion: 50 Resp: 11735
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

Manual Integrations
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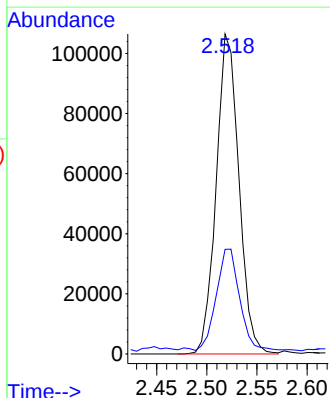
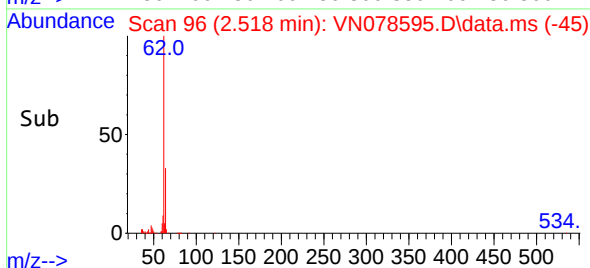
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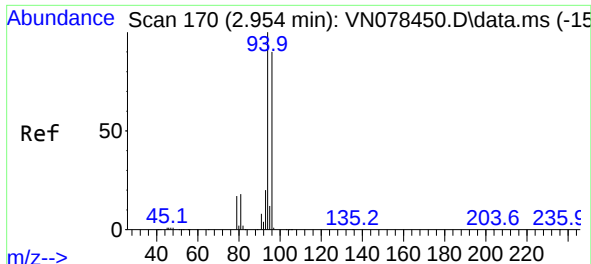


#4
Vinyl Chloride
Concen: 20.280 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



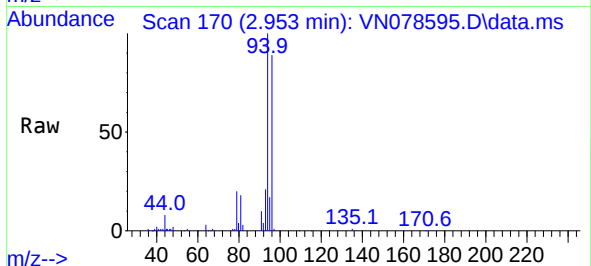
Tgt Ion: 62 Resp: 167550
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 16.579 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

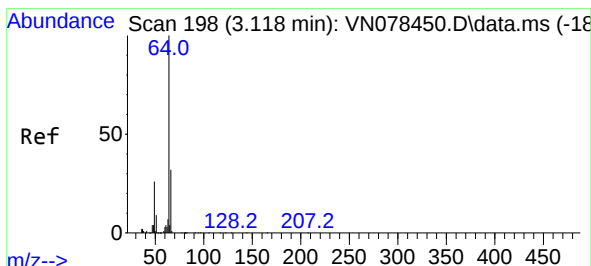
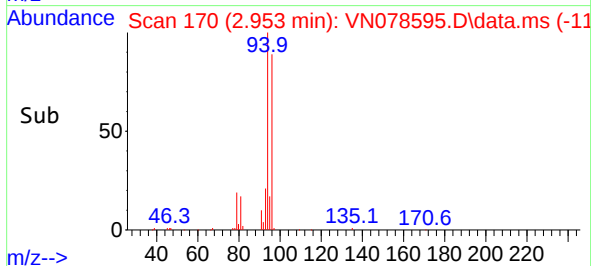
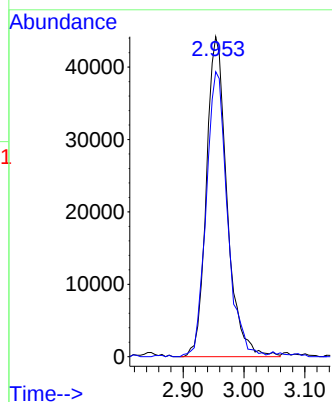
Instrument :
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Tgt Ion: 94 Resp: 10400
Ion Ratio Lower Upper
94 100
96 89.1 73.1 109.7

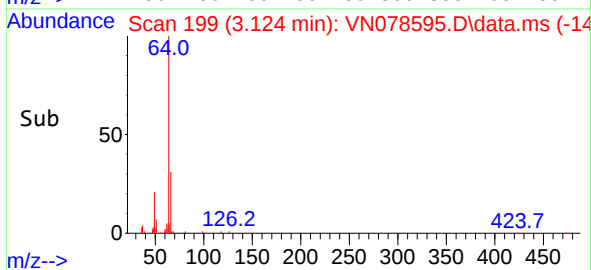
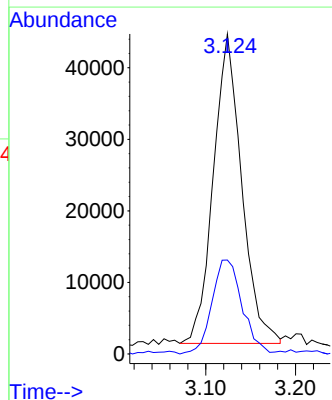
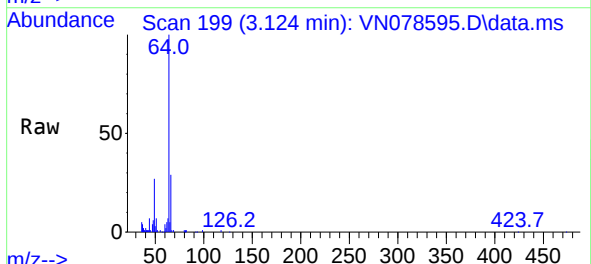
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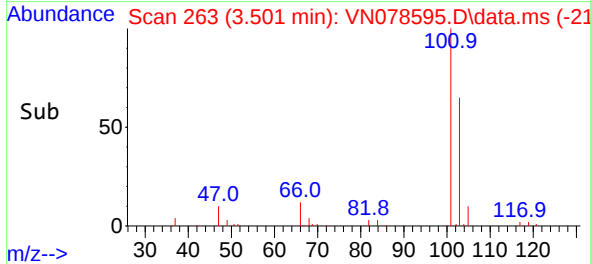
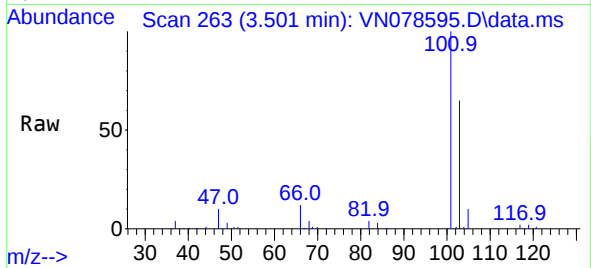
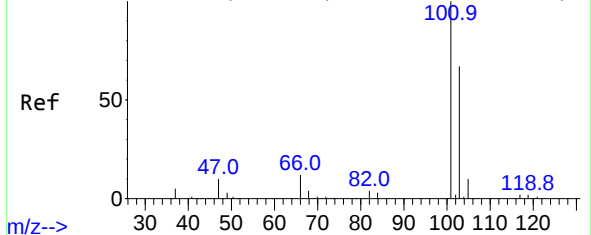


#6
Chloroethane
Concen: 17.718 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Tgt Ion: 64 Resp: 94749
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2



Abundance Scan 263 (3.501 min): VN078450.D\data.ms (-25



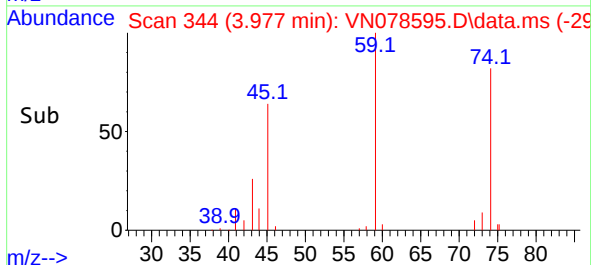
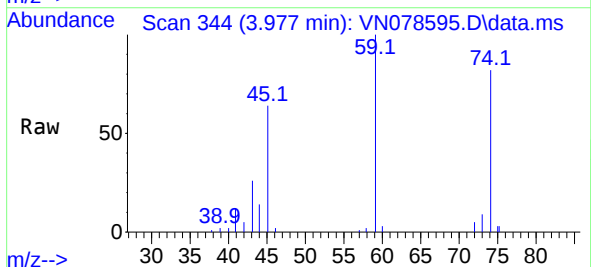
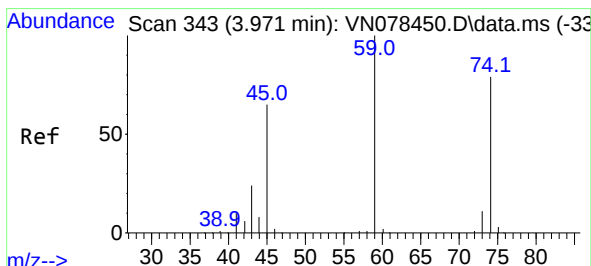
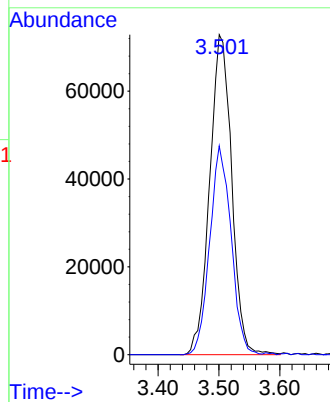
#7
Trichlorofluoromethane
Concen: 18.522 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Tgt Ion: 101 Resp: 182920
Ion Ratio Lower Upper
101 100
103 65.3 50.7 76.1

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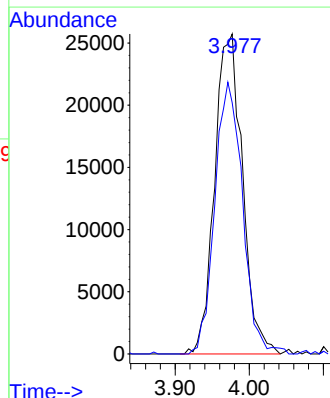
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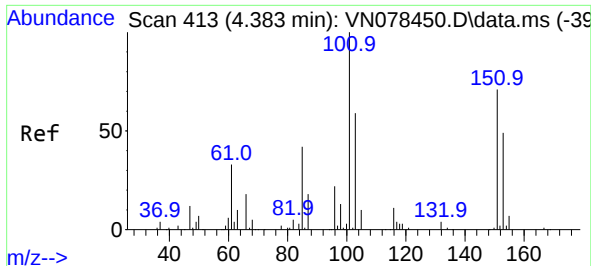
Reviewed By : John Carlone 07/21/2023
Supervised By : Mahesh Dadoda 07/21/2023



#8
Diethyl Ether
Concen: 20.354 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Tgt Ion: 74 Resp: 66973
Ion Ratio Lower Upper
74 100
45 84.9 34.4 103.3





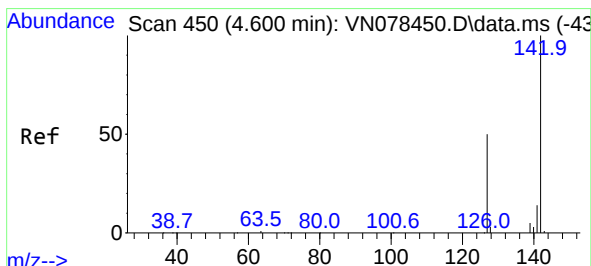
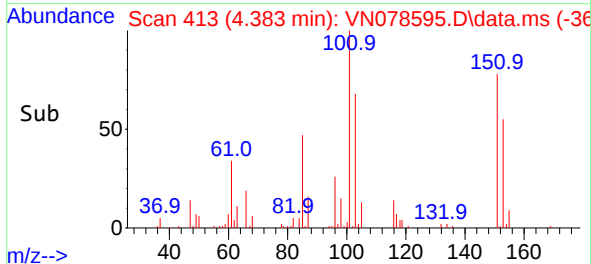
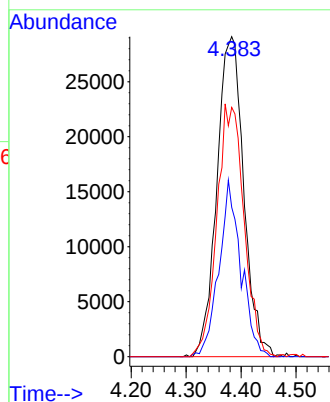
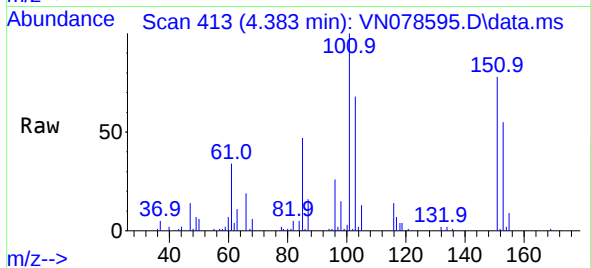
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.888 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:101 Resp: 9874
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 79.5 57.6 86.4

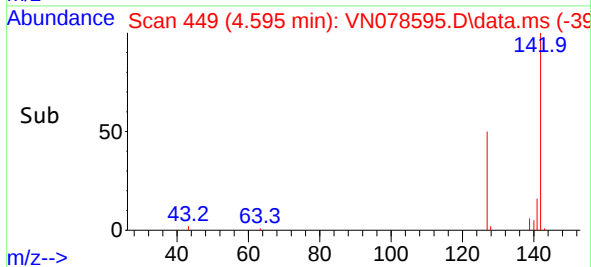
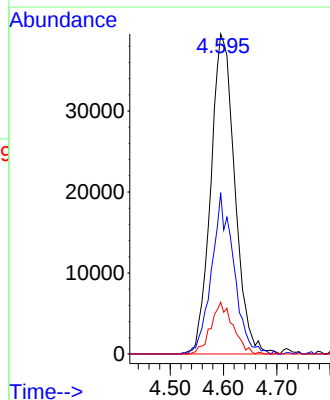
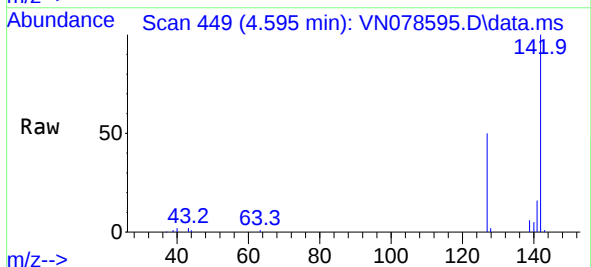
Manual Integrations
APPROVED

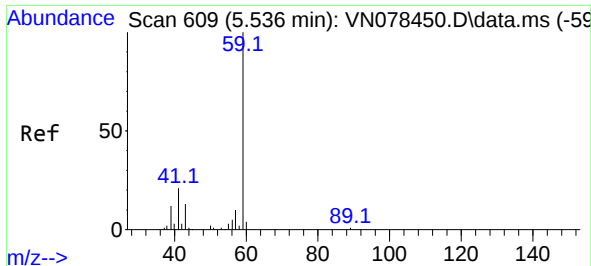
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#10
Methyl Iodide
Concen: 17.212 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Tgt Ion:142 Resp: 123653
Ion Ratio Lower Upper
142 100
127 50.4 37.6 56.4
141 16.2 11.4 17.0





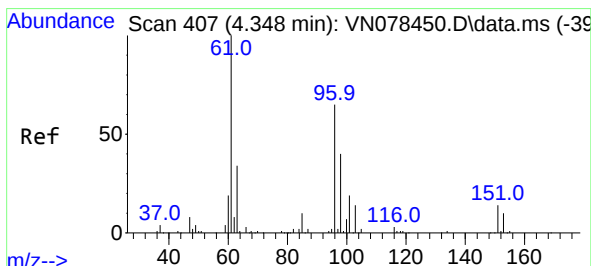
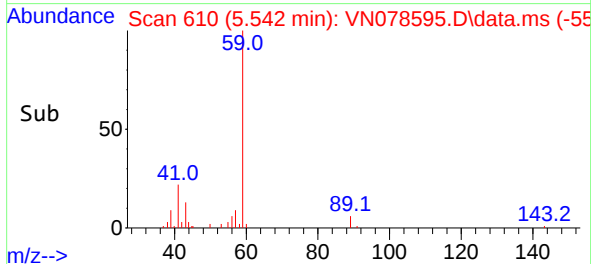
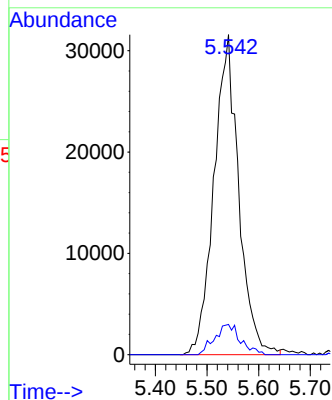
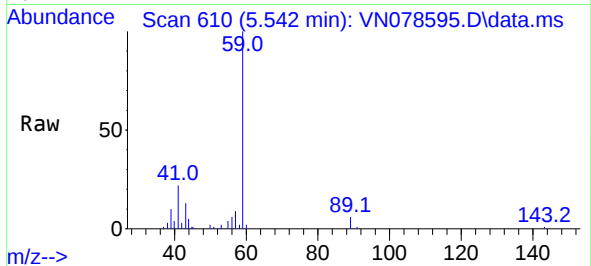
#11
Tert butyl alcohol
Concen: 105.723 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 59 Resp: 104745
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

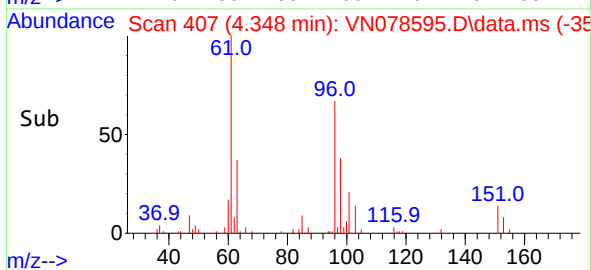
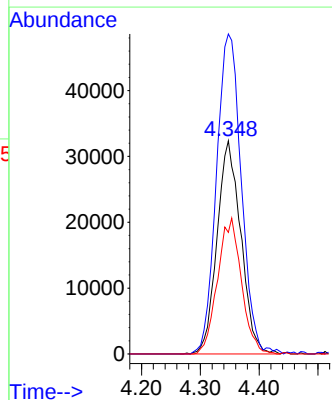
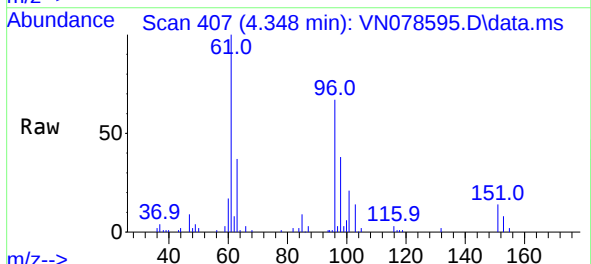
Manual Integrations
APPROVED

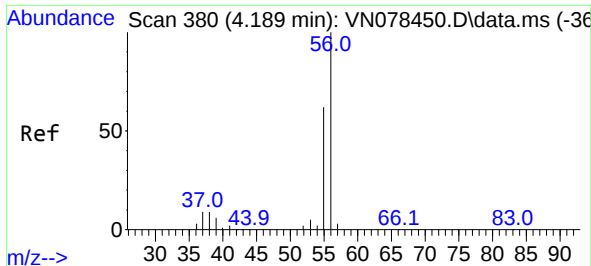
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#12
1,1-Dichloroethene
Concen: 17.997 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

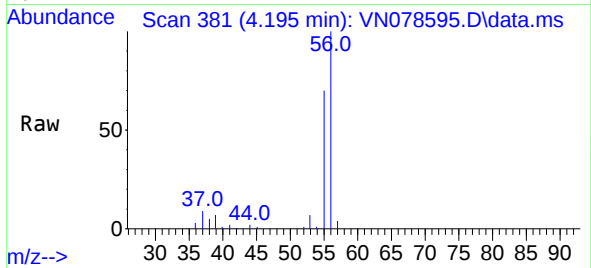
Tgt Ion: 96 Resp: 91012
Ion Ratio Lower Upper
96 100
61 150.1 112.7 169.1
98 57.1 51.2 76.8





#13
Acrolein
Concen: 119.070 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

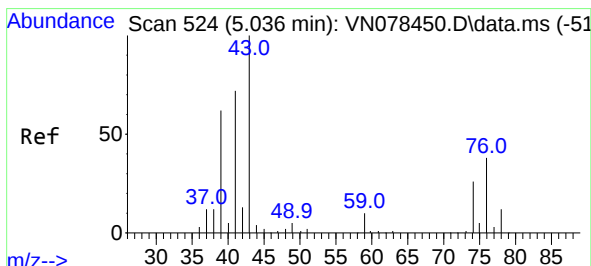
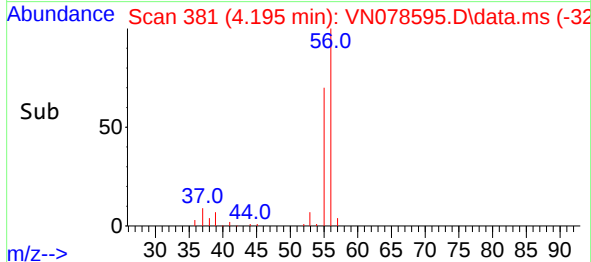
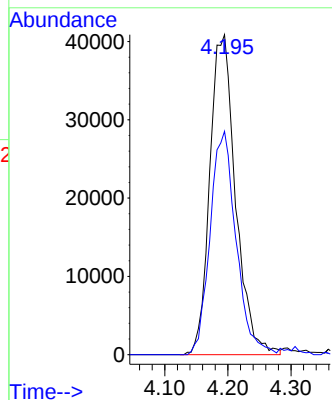
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 56 Resp: 11606
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7

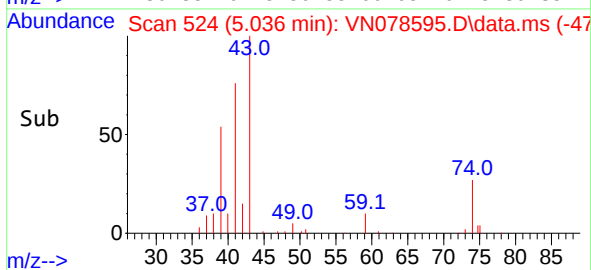
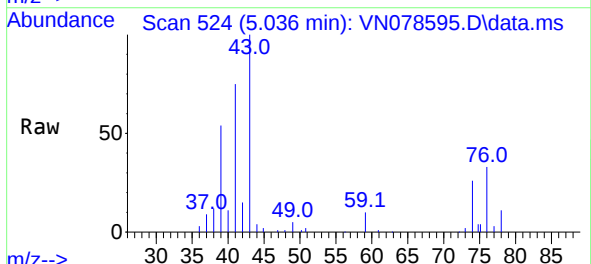
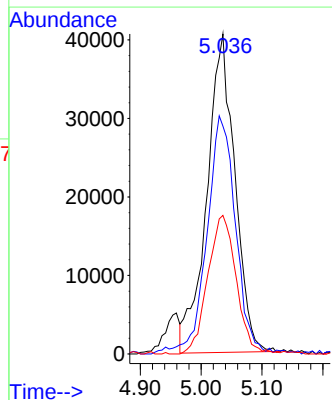
Manual Integrations
APPROVED

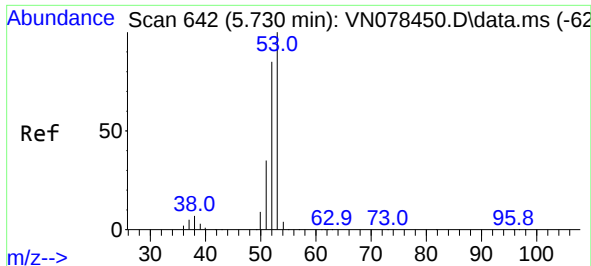
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#14
Allyl chloride
Concen: 18.756 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

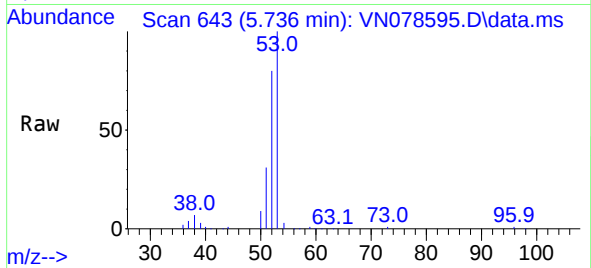
Tgt Ion: 41 Resp: 129606
Ion Ratio Lower Upper
41 100
39 76.5 58.8 88.2
76 44.2 39.1 58.7





#15
Acrylonitrile
Concen: 102.796 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

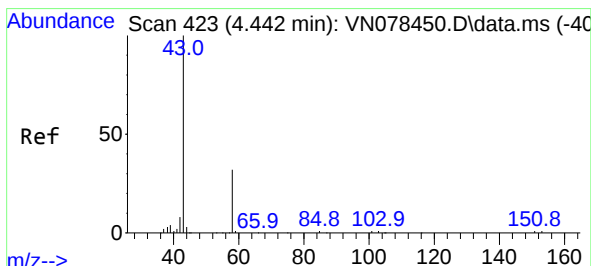
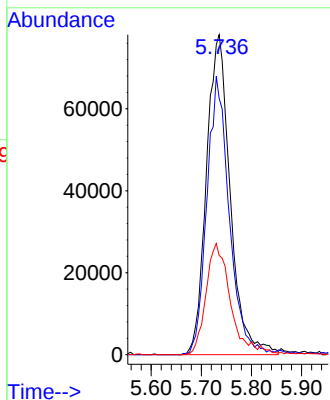
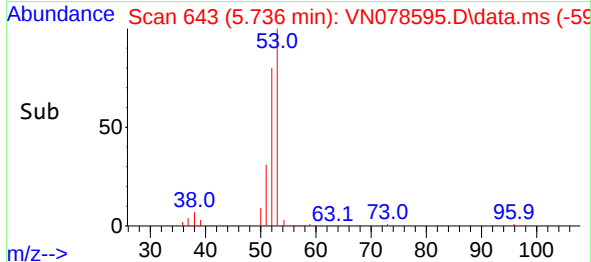
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



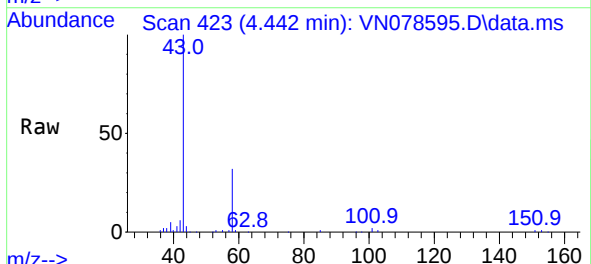
Tgt Ion: 53 Resp: 257324
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 34.9 28.9 43.3

Manual Integrations
APPROVED

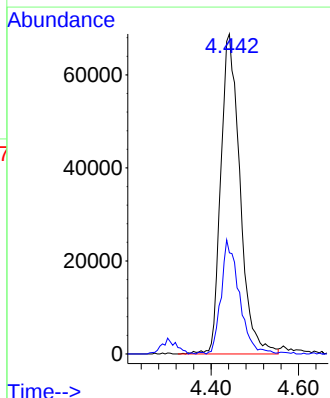
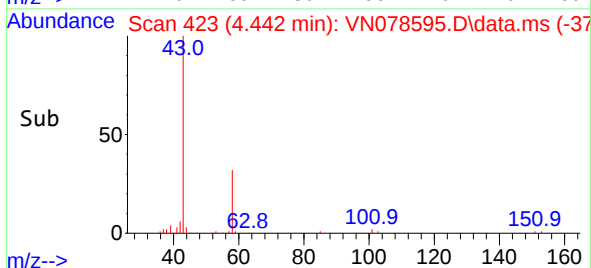
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

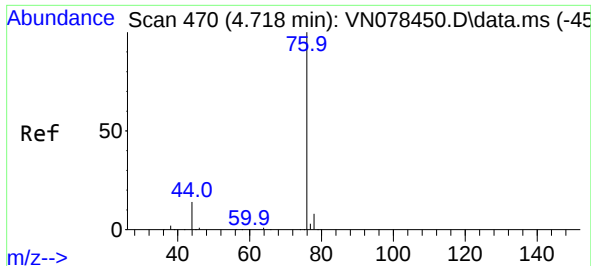


#16
Acetone
Concen: 104.601 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



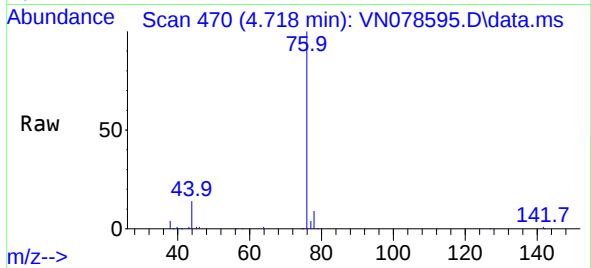
Tgt Ion: 43 Resp: 209346
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





#17
Carbon Disulfide
Concen: 15.036 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

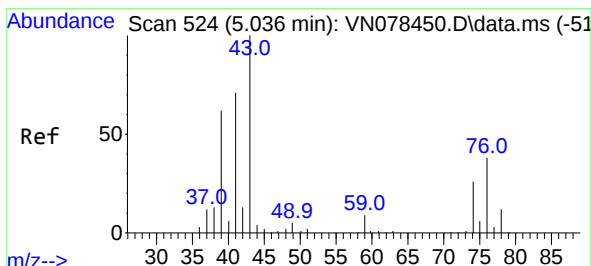
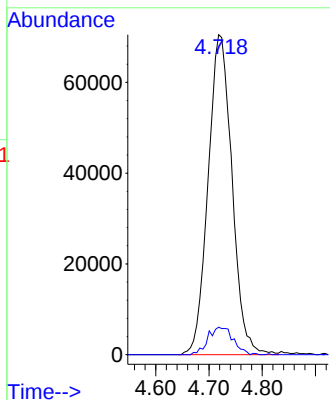
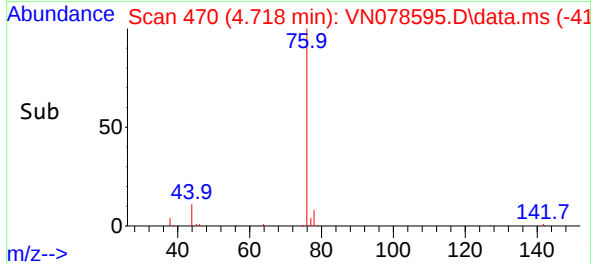
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



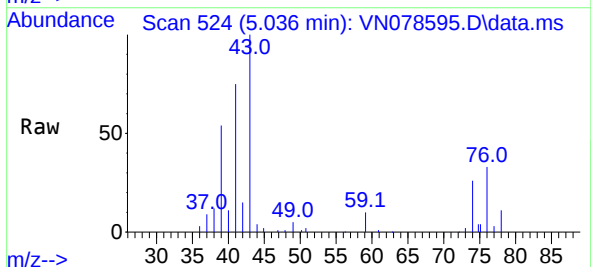
Tgt Ion: 76 Resp: 219874
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Manual Integrations
APPROVED

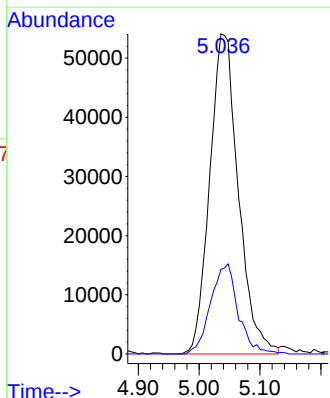
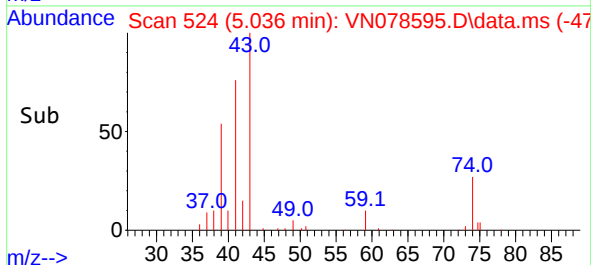
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

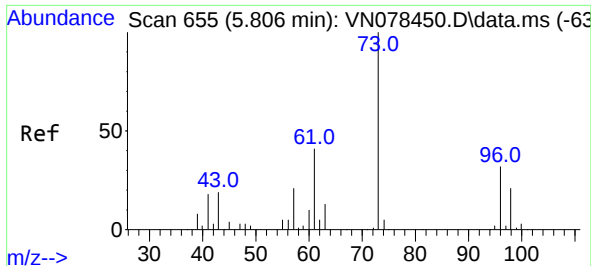


#18
Methyl Acetate
Concen: 20.869 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



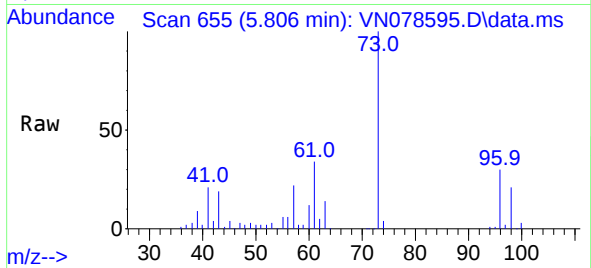
Tgt Ion: 43 Resp: 176809
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.552 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

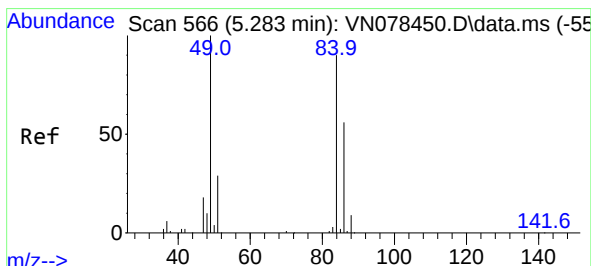
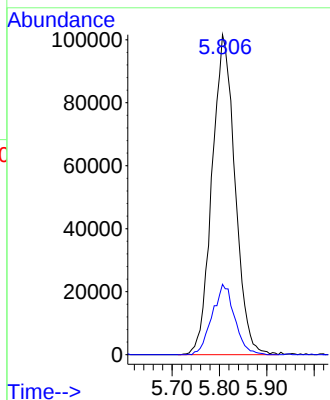
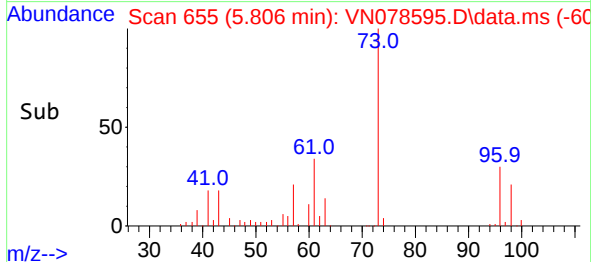
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



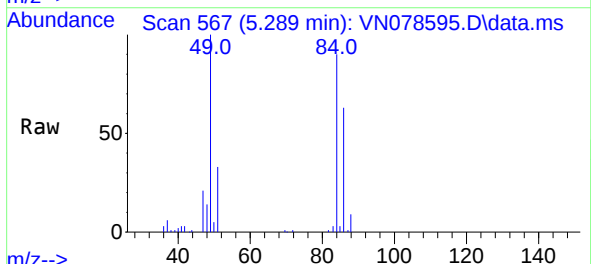
Tgt Ion: 73 Resp: 342430
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4

Manual Integrations
APPROVED

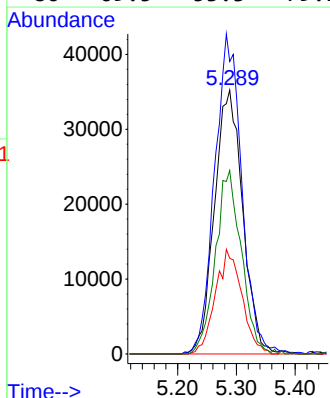
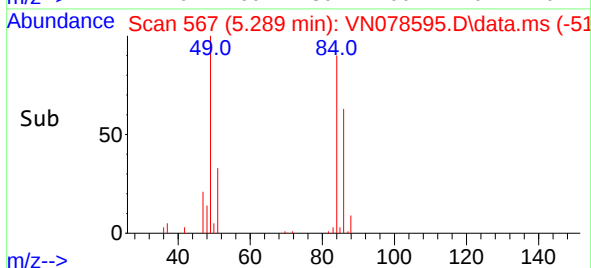
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

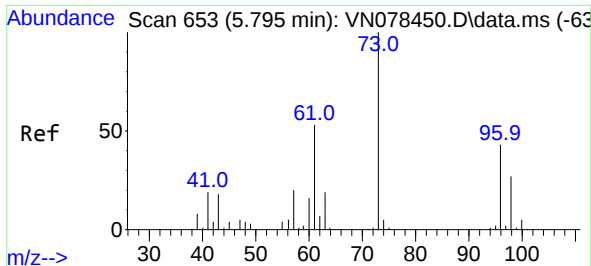


#20
Methylene Chloride
Concen: 19.710 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



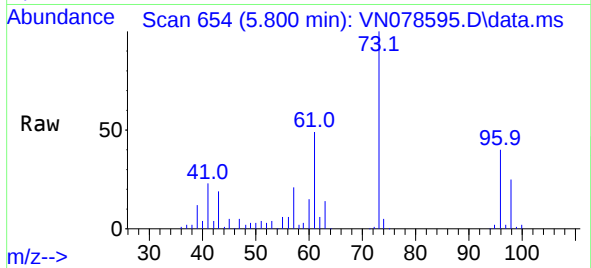
Tgt Ion: 84 Resp: 117401
Ion Ratio Lower Upper
84 100
49 110.9 79.7 119.5
51 36.2 25.2 37.8
86 69.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.514 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

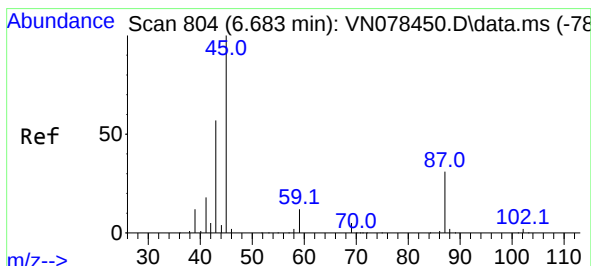
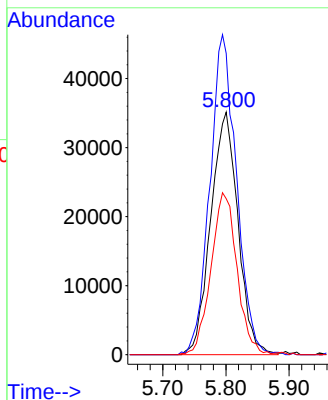
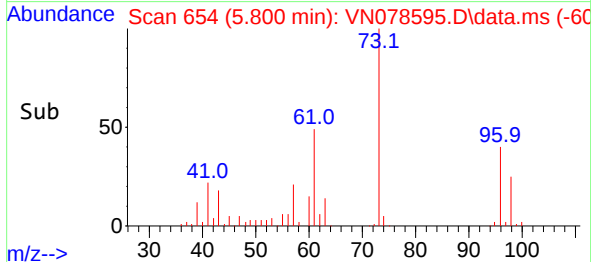
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



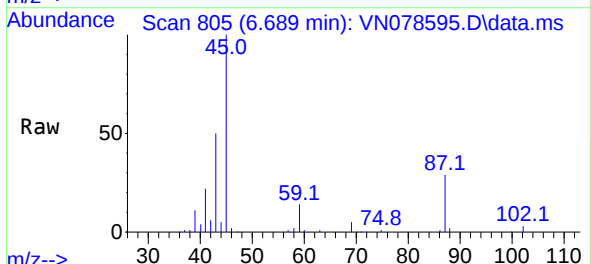
Tgt Ion: 96 Resp: 105500
Ion Ratio Lower Upper
96 100
61 124.2 90.1 135.1
98 64.3 46.4 69.6

Manual Integrations
APPROVED

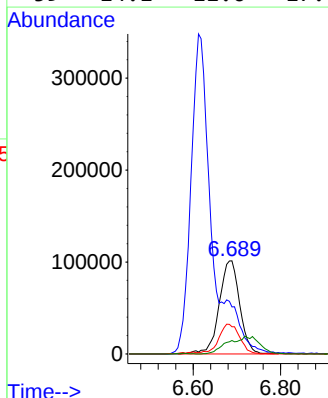
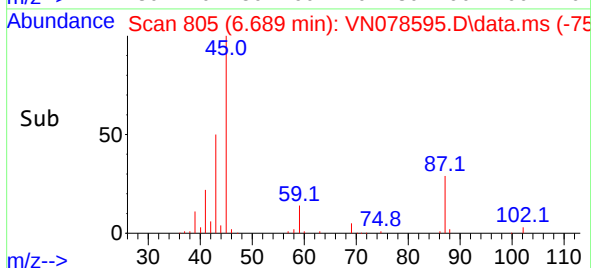
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

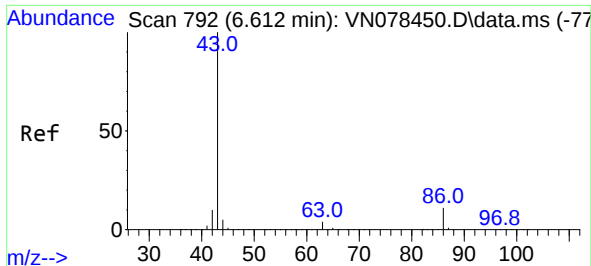


#22
Diisopropyl ether
Concen: 21.321 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



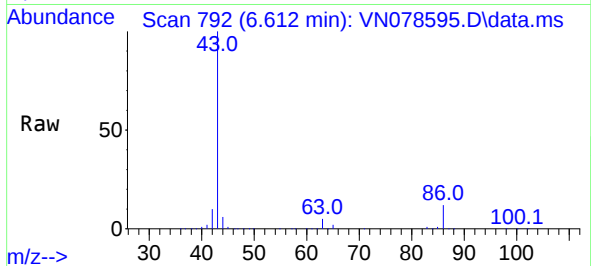
Tgt Ion: 45 Resp: 329892
Ion Ratio Lower Upper
45 100
43 48.9 45.5 68.3
87 29.1 31.8 47.8#
59 14.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 103.777 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078595.D
 Acq: 20 Jul 2023 15:57

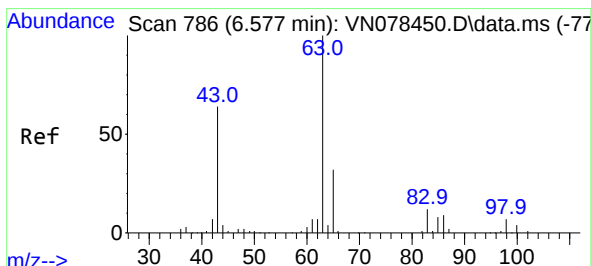
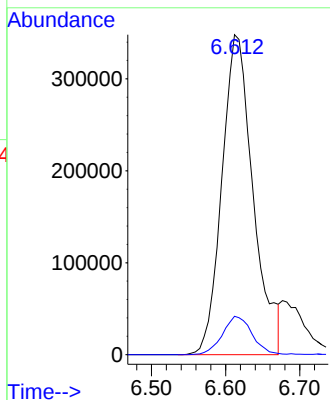
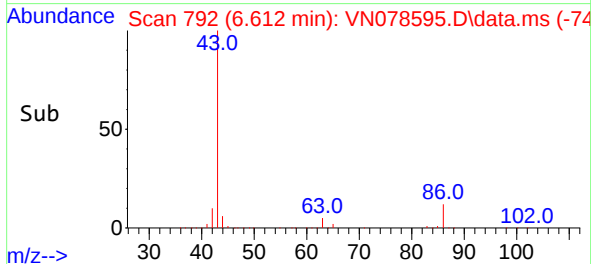
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0720MBS01



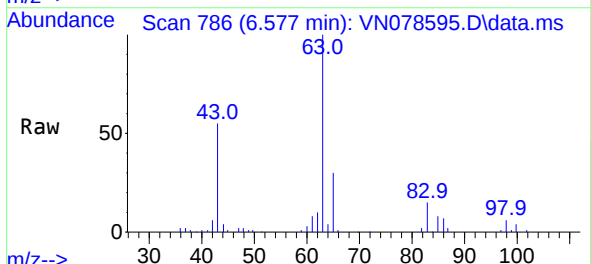
Tgt Ion: 43 Resp: 1020820
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
 APPROVED

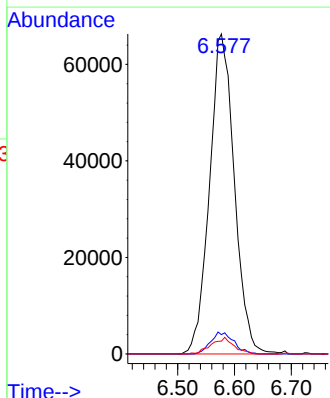
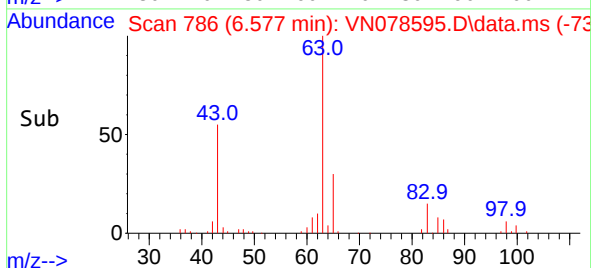
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

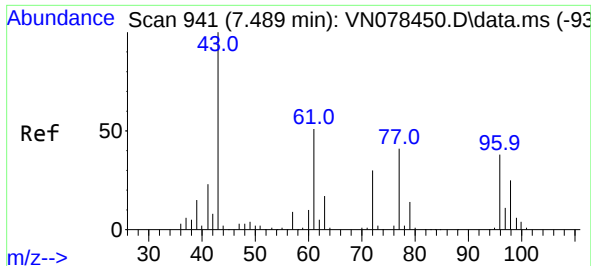


#24
 1,1-Dichloroethane
 Concen: 19.300 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078595.D
 Acq: 20 Jul 2023 15:57



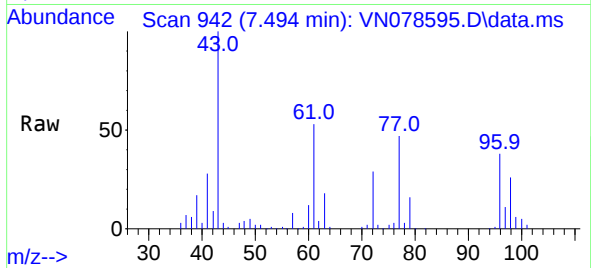
Tgt Ion: 63 Resp: 201223
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 103.363 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

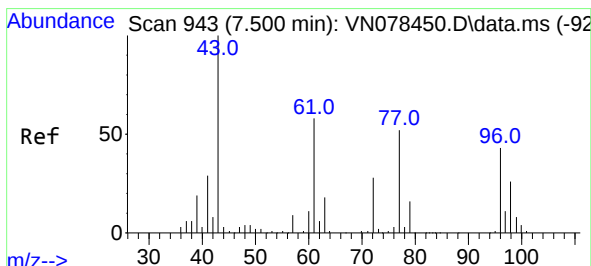
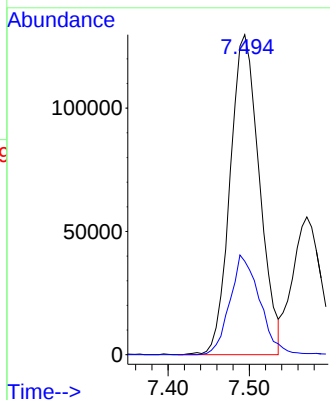
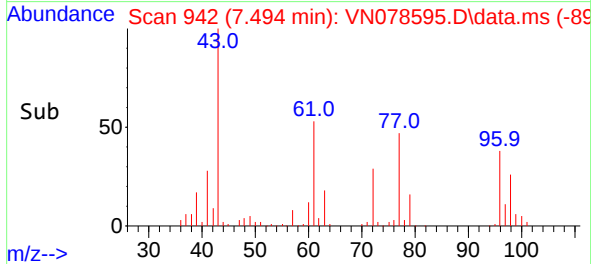
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



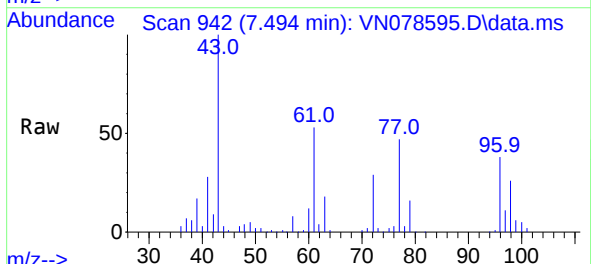
Tgt Ion: 43 Resp: 325639
Ion Ratio Lower Upper
43 100
72 29.2 30.2 45.2

Manual Integrations
APPROVED

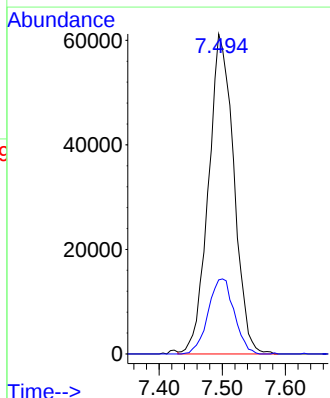
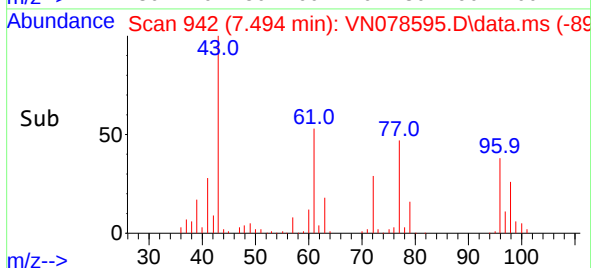
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

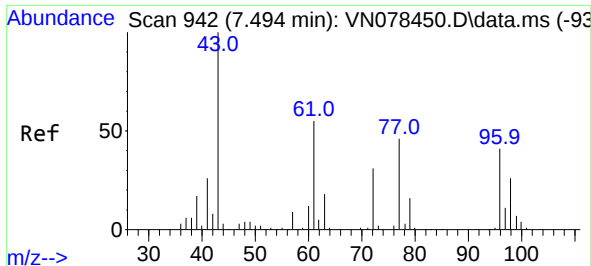


#26
2,2-Dichloropropane
Concen: 19.994 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



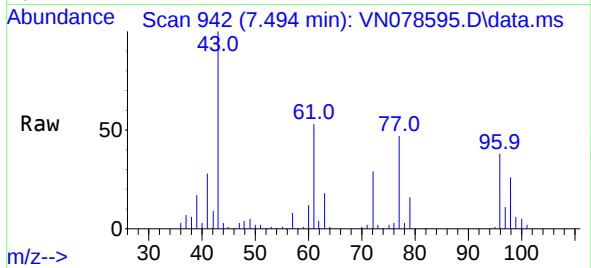
Tgt Ion: 77 Resp: 170500
Ion Ratio Lower Upper
77 100
97 24.1 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 19.731 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

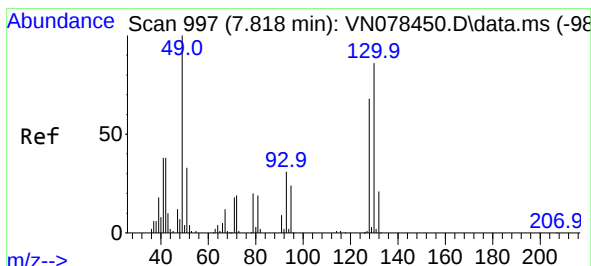
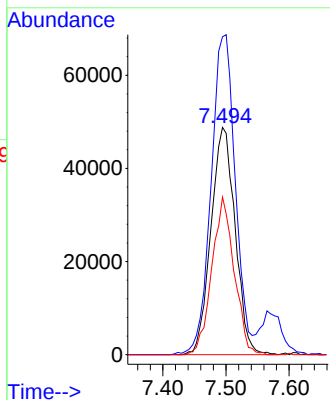
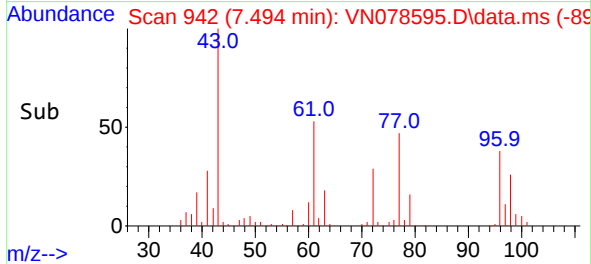
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



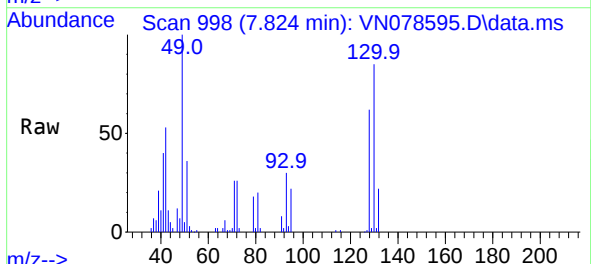
Tgt Ion: 96 Resp: 130070
Ion Ratio Lower Upper
96 100
61 140.3 0.0 255.2
98 63.9 0.0 128.8

Manual Integrations
APPROVED

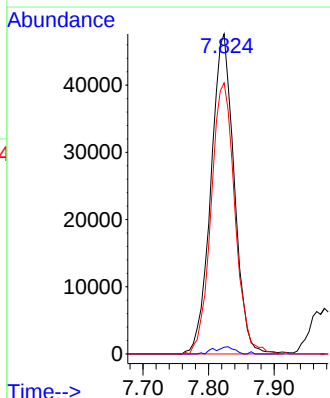
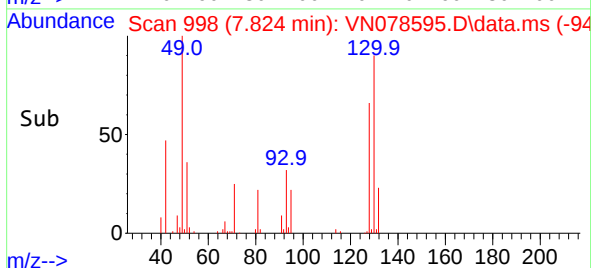
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

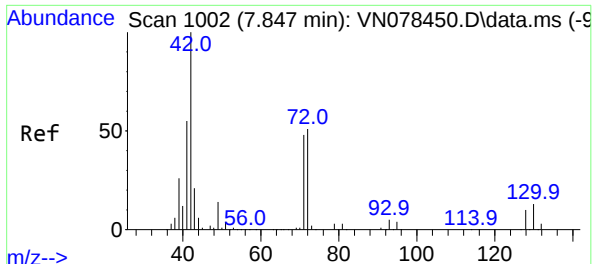


#28
Bromochloromethane
Concen: 23.845 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



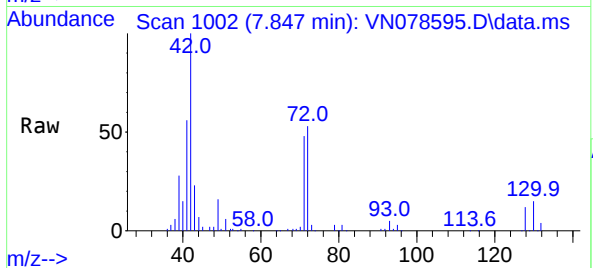
Tgt Ion: 49 Resp: 117098
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 86.6 75.3 112.9





#29
Tetrahydrofuran
Concen: 102.561 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

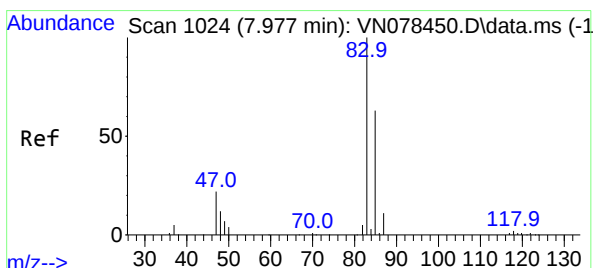
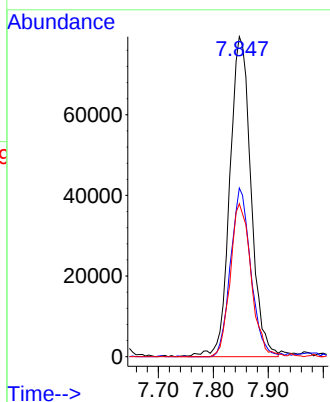
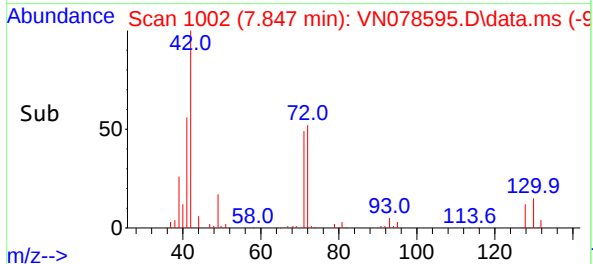
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



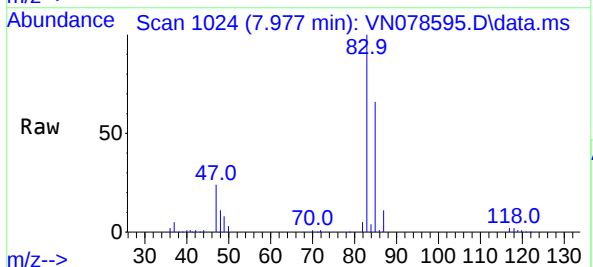
Tgt Ion: 42 Resp: 212017
Ion Ratio Lower Upper
42 100
72 50.5 49.8 74.6
71 47.1 47.4 71.2

Manual Integrations
APPROVED

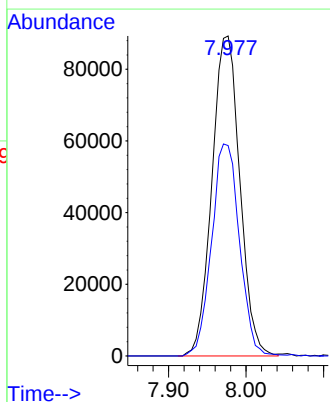
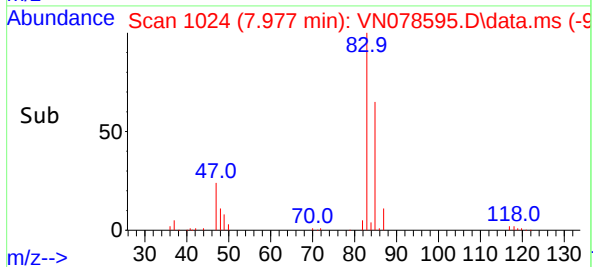
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

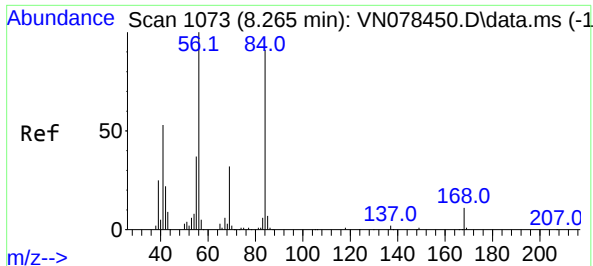


#30
Chloroform
Concen: 20.597 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



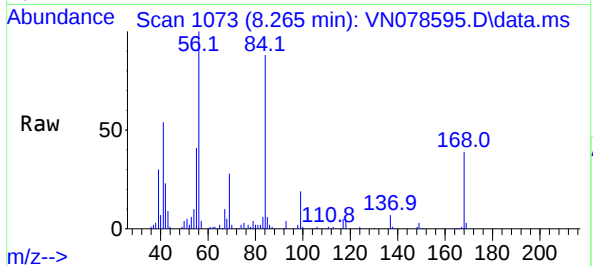
Tgt Ion: 83 Resp: 223579
Ion Ratio Lower Upper
83 100
85 65.7 55.4 83.0





#31
Cyclohexane
Concen: 17.499 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

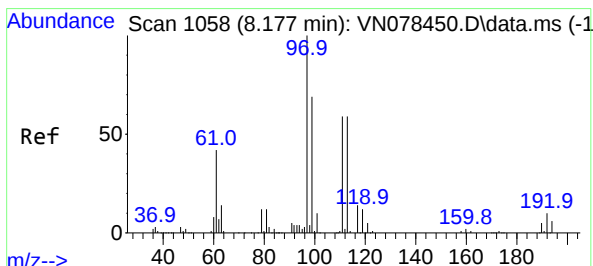
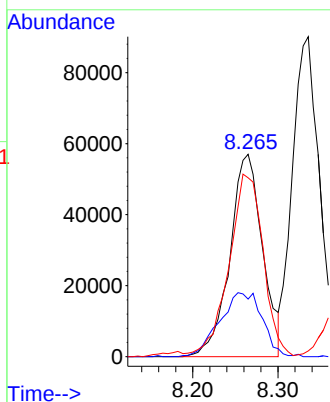
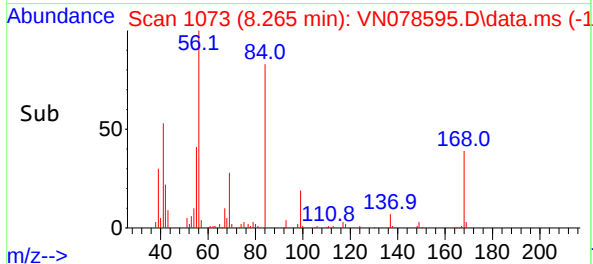
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



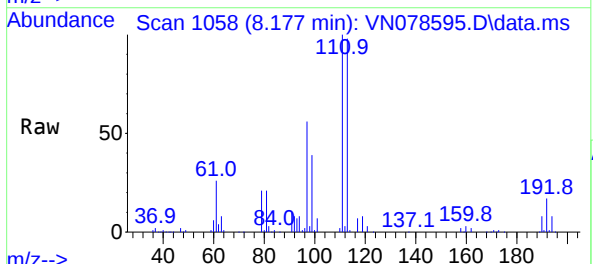
Tgt Ion: 56 Resp: 151944
Ion Ratio Lower Upper
56 100
69 28.5 26.8 40.2
84 85.8 81.8 122.6

Manual Integrations
APPROVED

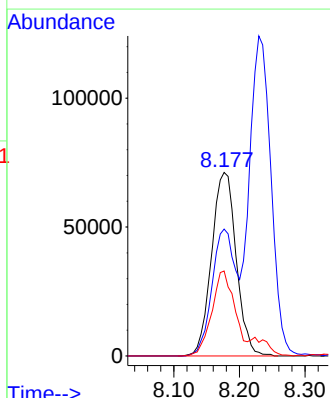
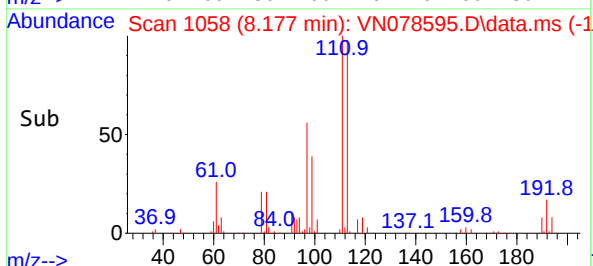
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

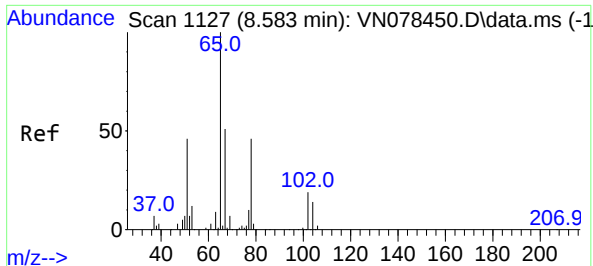


#32
1,1,1-Trichloroethane
Concen: 19.052 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



Tgt Ion: 97 Resp: 185416
Ion Ratio Lower Upper
97 100
99 67.1 50.3 75.5
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.632 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078595.D

Acq: 20 Jul 2023 15:57

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBSD01

Tgt Ion: 65 Resp: 35743

Ion Ratio Lower Upper

65 100

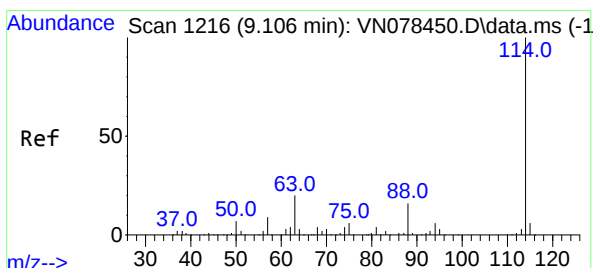
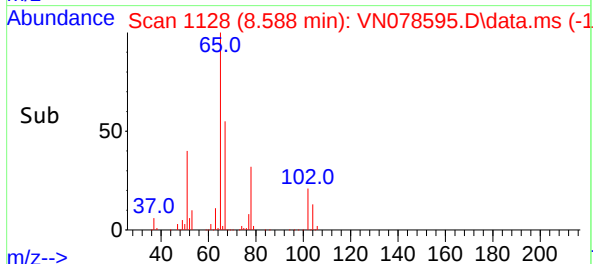
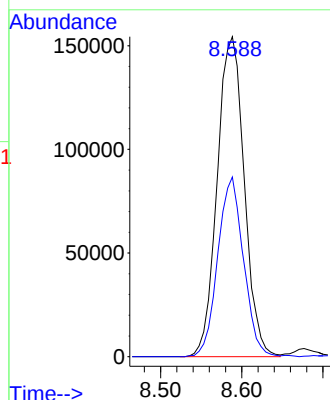
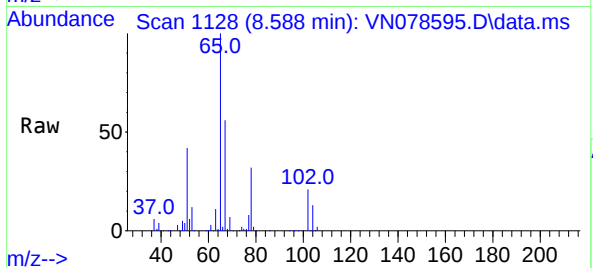
67 53.5 0.0 106.6

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: VN078595.D

Acq: 20 Jul 2023 15:57

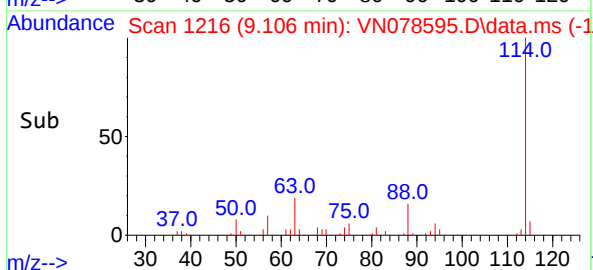
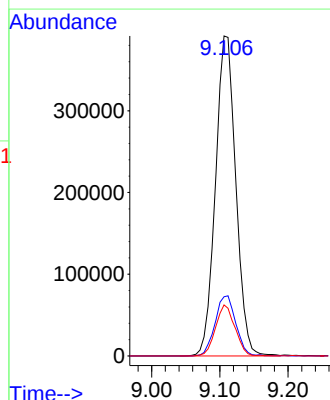
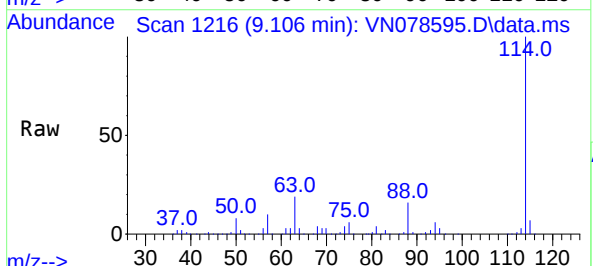
Tgt Ion:114 Resp: 813594

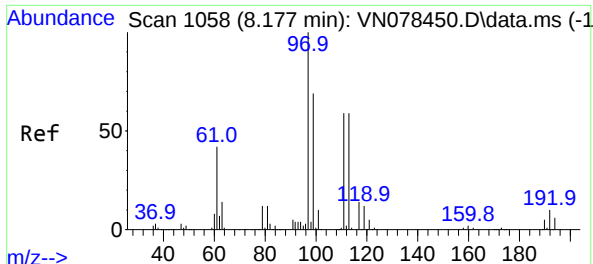
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

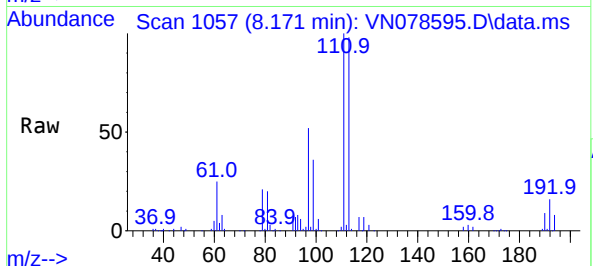
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.273 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

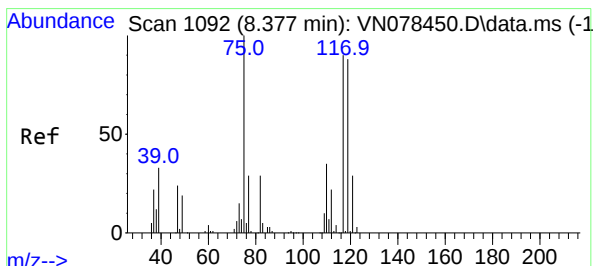
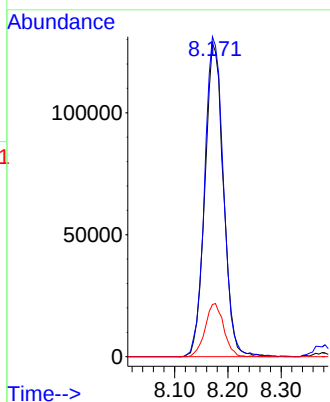
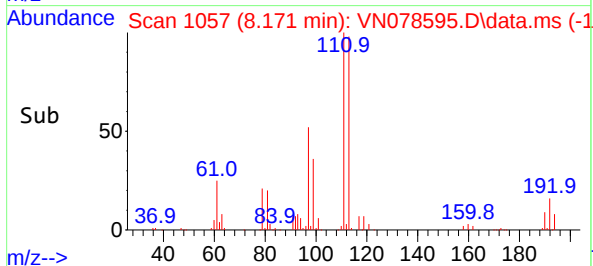
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



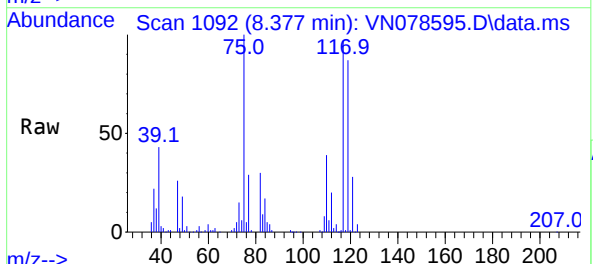
Tgt Ion:113 Resp: 31079
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 17.0 12.7 19.1

Manual Integrations
APPROVED

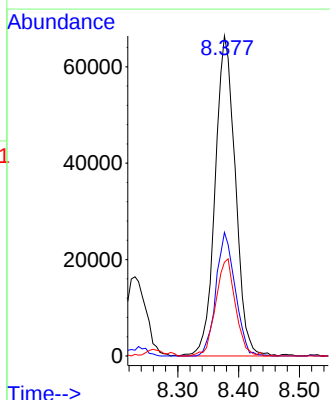
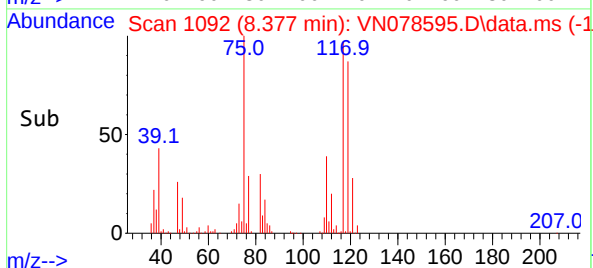
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

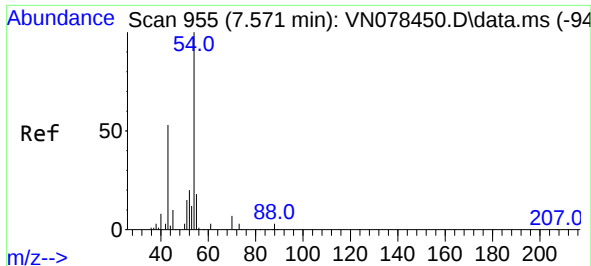


#36
1,1-Dichloropropene
Concen: 19.154 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



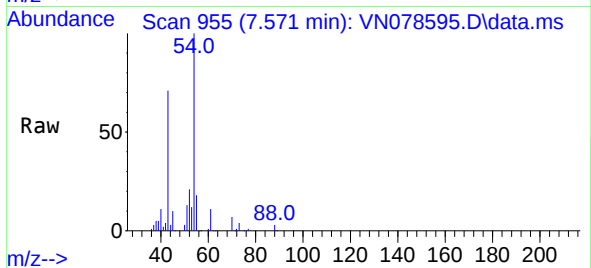
Tgt Ion: 75 Resp: 152742
Ion Ratio Lower Upper
75 100
110 36.7 19.1 57.3
77 29.7 25.0 37.4





#37
Ethyl Acetate
Concen: 21.872 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

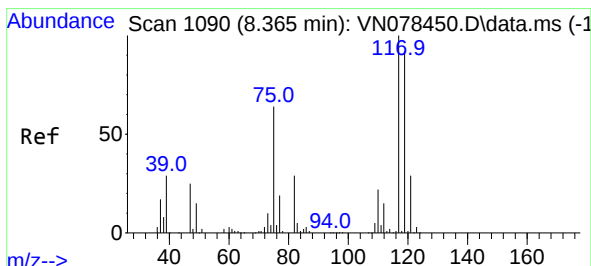
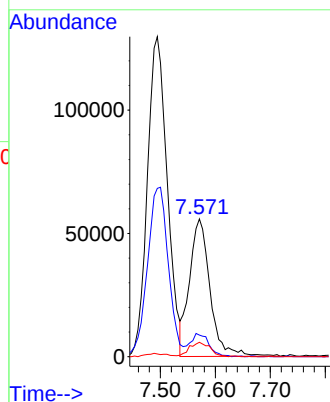
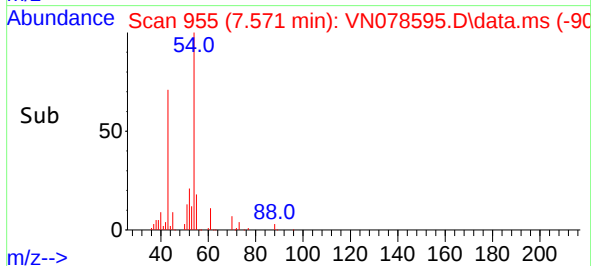
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 43 Resp: 145398
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 10.4 11.3 16.9

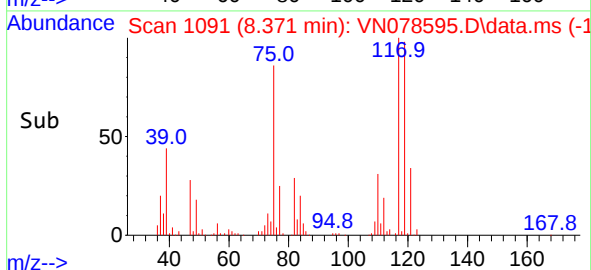
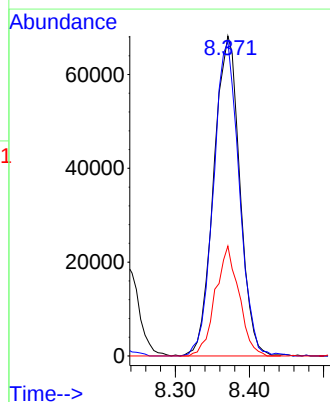
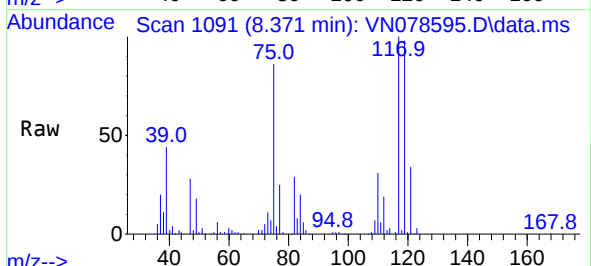
Manual Integrations
APPROVED

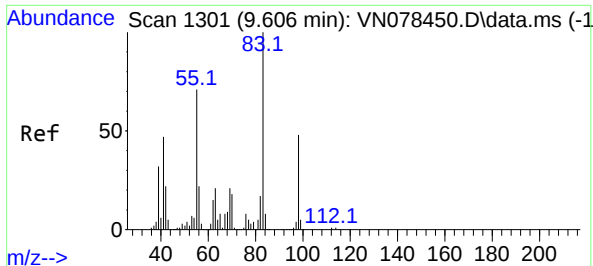
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#38
Carbon Tetrachloride
Concen: 19.166 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

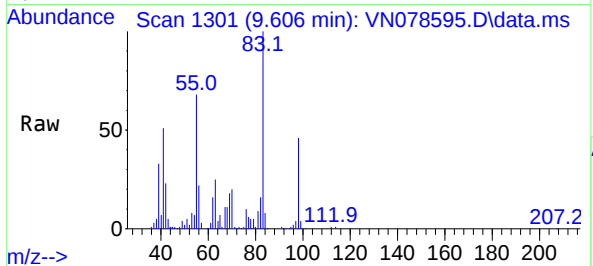
Tgt Ion:117 Resp: 166115
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 34.3 23.3 34.9





#39
Methylcyclohexane
Concen: 18.885 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

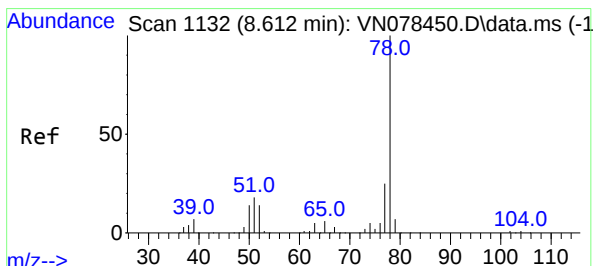
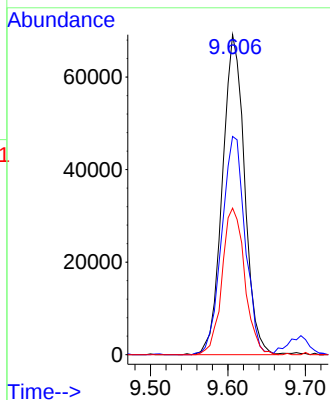
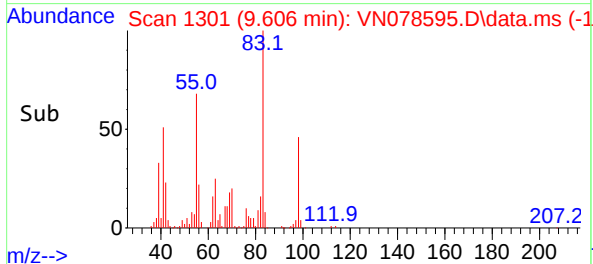
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



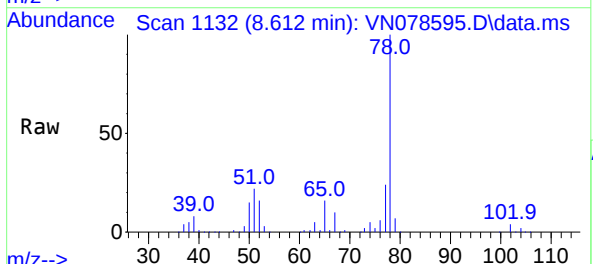
Tgt Ion: 83 Resp: 137460
Ion Ratio Lower Upper
83 100
55 68.2 49.1 73.7
98 45.8 40.6 61.0

Manual Integrations
APPROVED

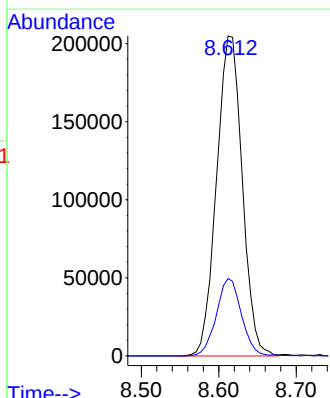
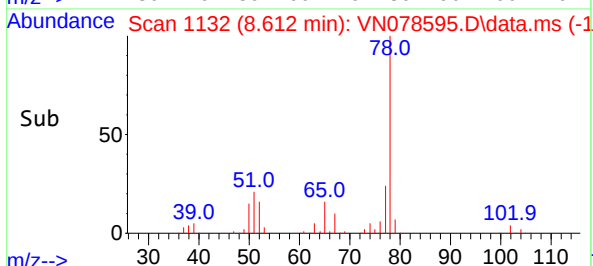
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

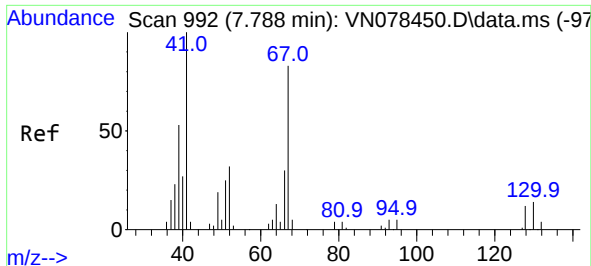


#40
Benzene
Concen: 19.983 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



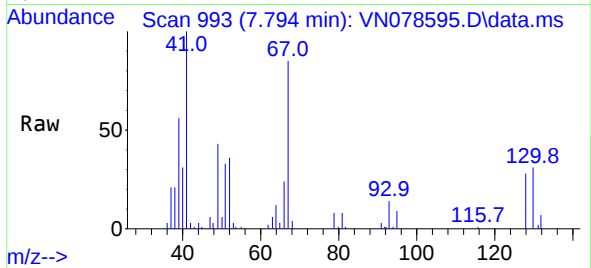
Tgt Ion: 78 Resp: 472114
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 21.157 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

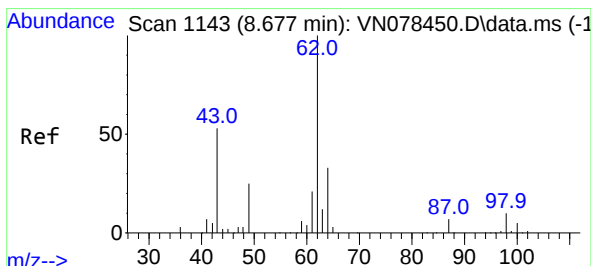
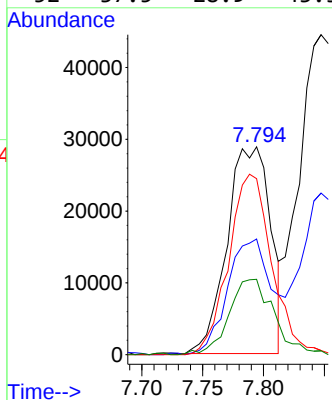
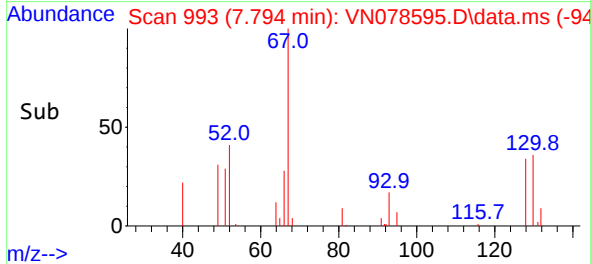
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



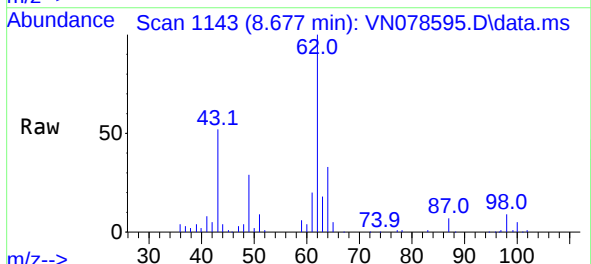
Tgt Ion: 41 Resp: 71700
Ion Ratio Lower Upper
41 100
39 58.9 42.6 64.0
67 86.9 77.5 116.3
52 37.5 28.9 43.3

Manual Integrations
APPROVED

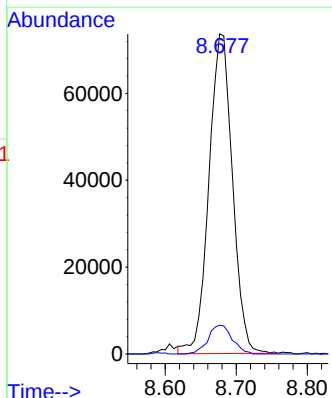
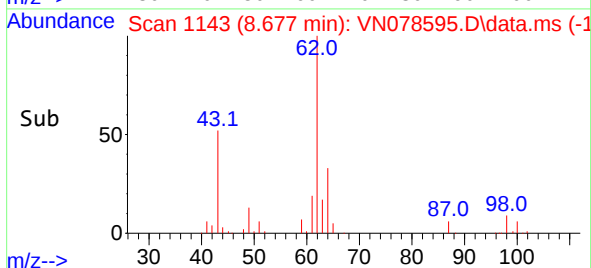
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

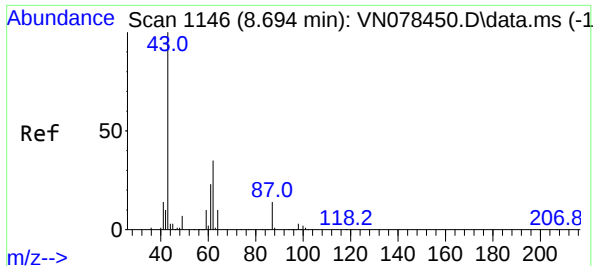


#42
1,2-Dichloroethane
Concen: 21.039 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



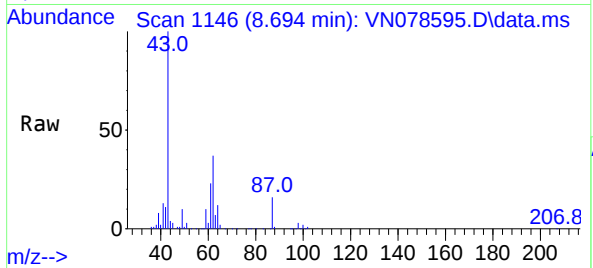
Tgt Ion: 62 Resp: 169064
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 22.678 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

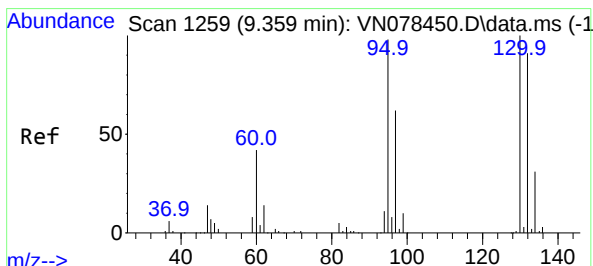
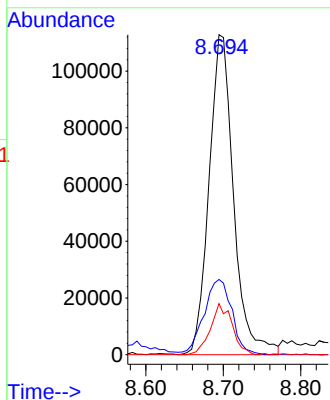
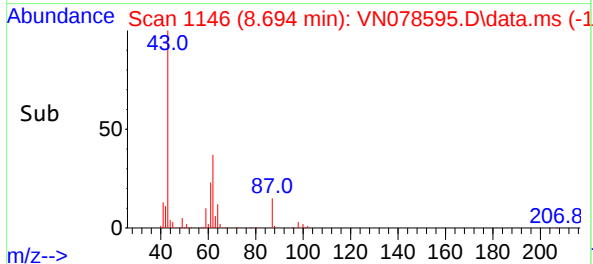
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



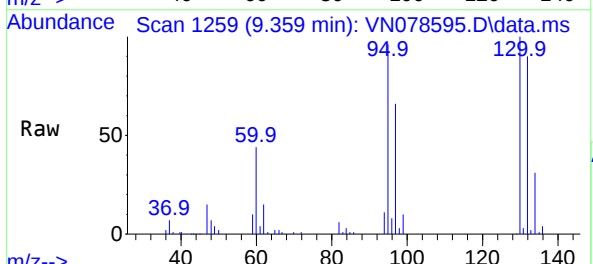
Tgt Ion: 43 Resp: 24820
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 14.2 14.6 21.8

Manual Integrations
APPROVED

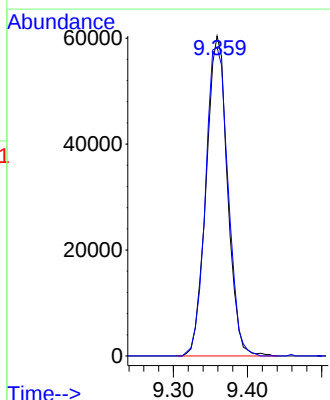
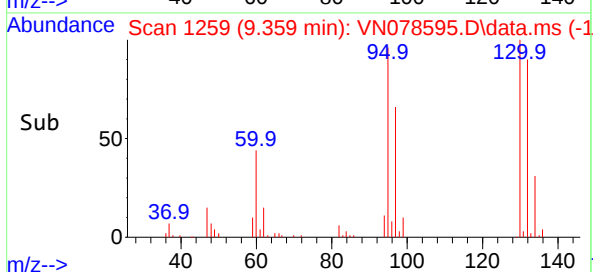
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

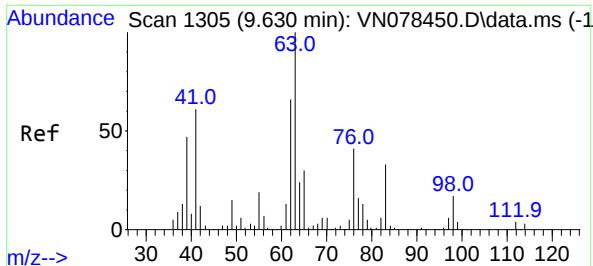


#44
Trichloroethene
Concen: 18.954 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



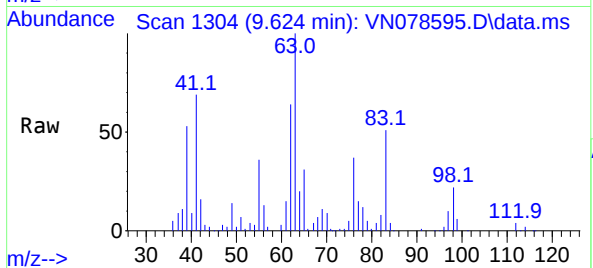
Tgt Ion:130 Resp: 120692
Ion Ratio Lower Upper
130 100
95 96.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 21.394 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

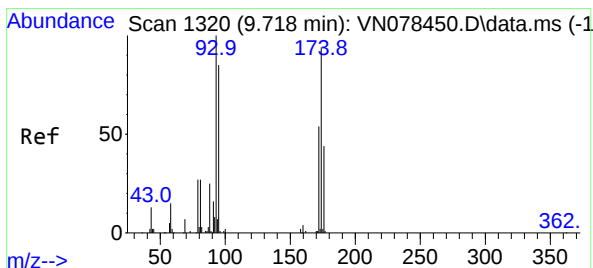
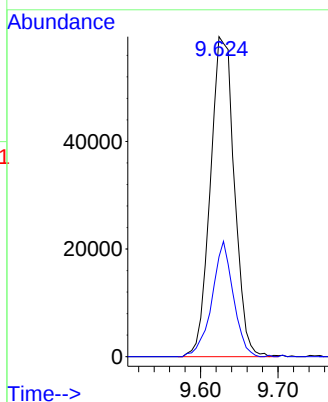
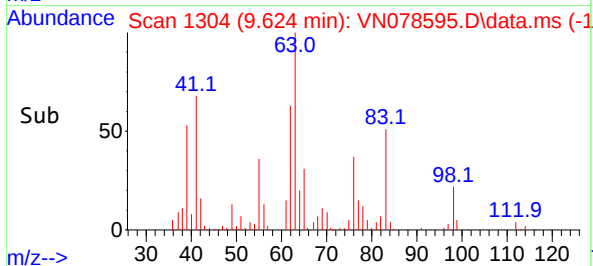
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 63 Resp: 128014
Ion Ratio Lower Upper
63 100
65 31.2 23.9 35.9

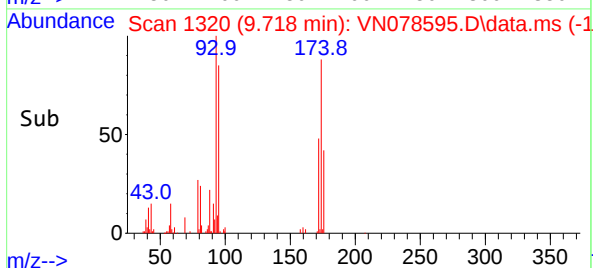
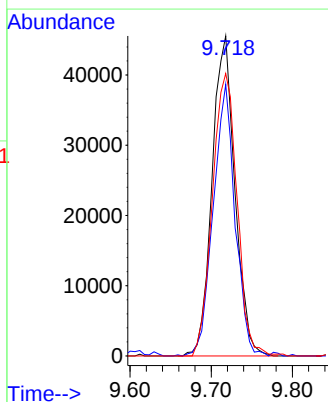
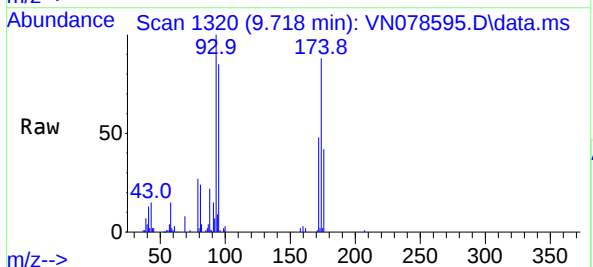
Manual Integrations
APPROVED

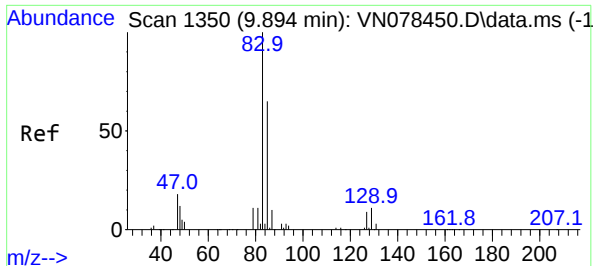
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#46
Dibromomethane
Concen: 21.121 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

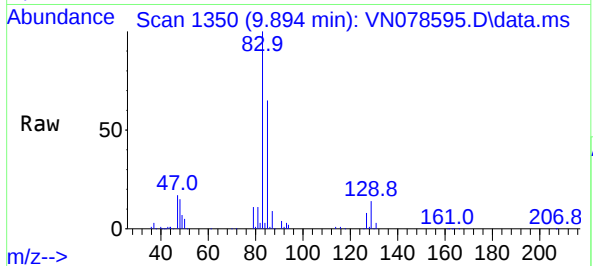
Tgt Ion: 93 Resp: 88950
Ion Ratio Lower Upper
93 100
95 81.3 63.8 95.8
174 95.4 65.6 98.4





#47
Bromodichloromethane
Concen: 21.240 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

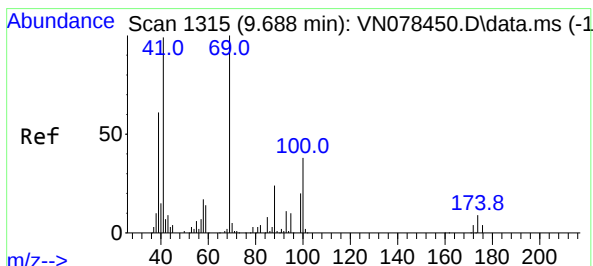
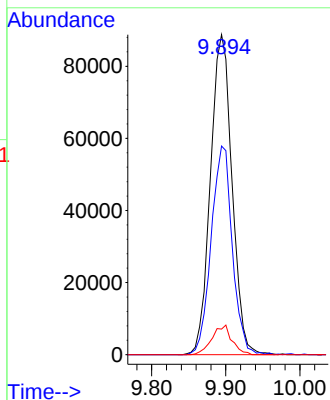
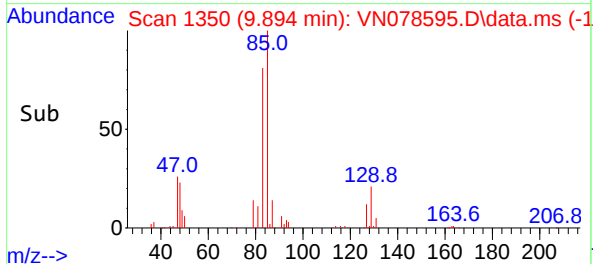
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



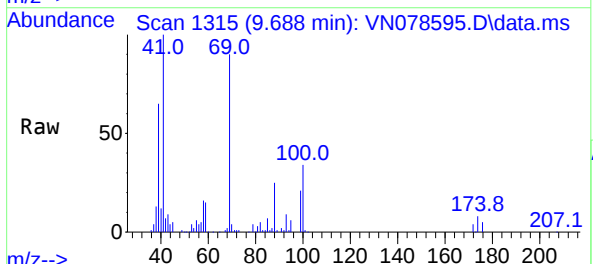
Tgt Ion: 83 Resp: 17931
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 8.0 7.0 10.6

Manual Integrations
APPROVED

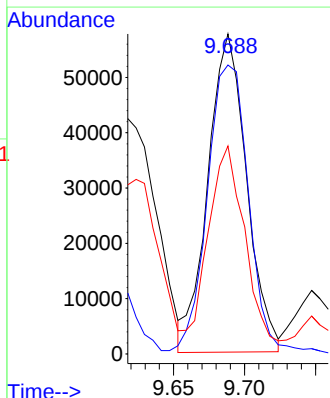
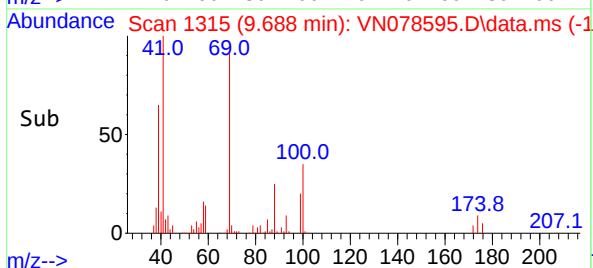
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

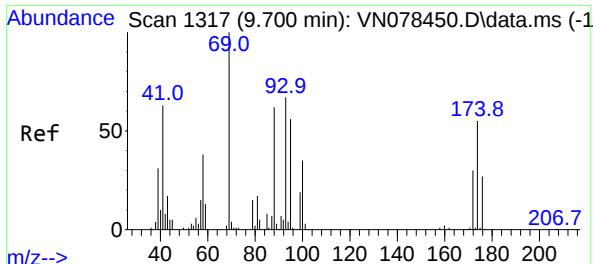


#48
Methyl methacrylate
Concen: 21.503 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



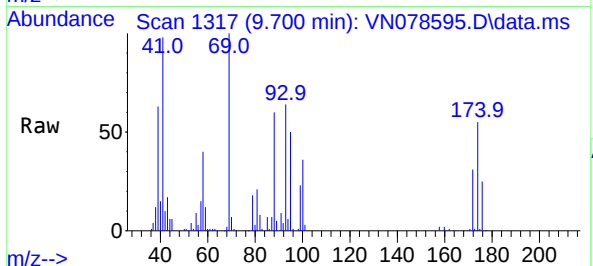
Tgt Ion: 41 Resp: 109031
Ion Ratio Lower Upper
41 100
69 97.9 90.4 135.6
39 63.6 54.6 81.8





#49
1,4-Dioxane
Concen: 413.521 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

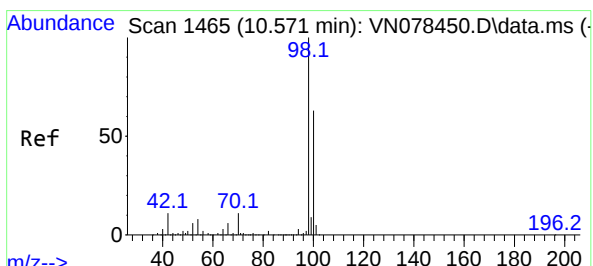
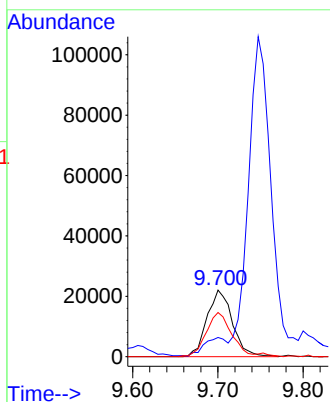
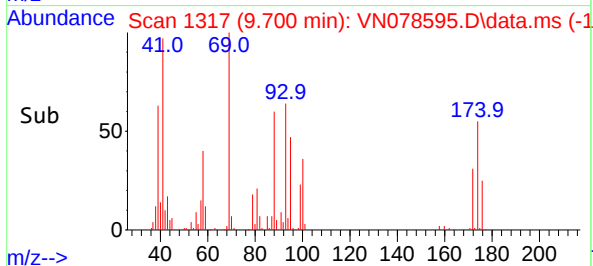
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 88 Resp: 4572
Ion Ratio Lower Upper
88 100
43 24.4 17.0 25.6
58 65.9 47.0 70.4

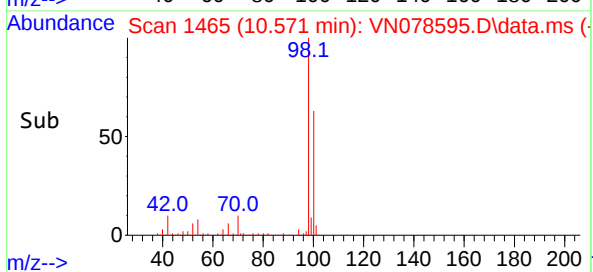
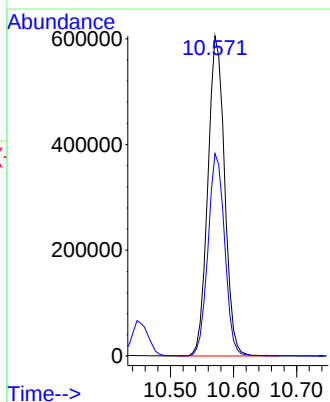
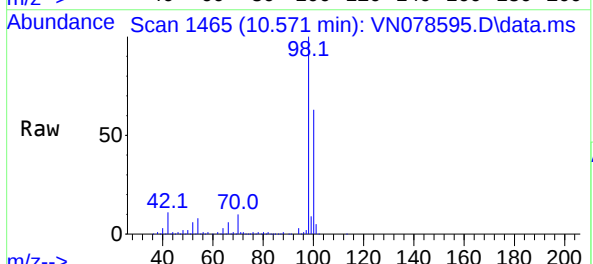
Manual Integrations
APPROVED

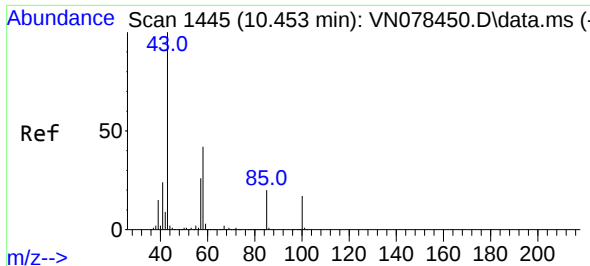
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#50
Toluene-d8
Concen: 53.434 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Tgt Ion: 98 Resp: 1114847
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0





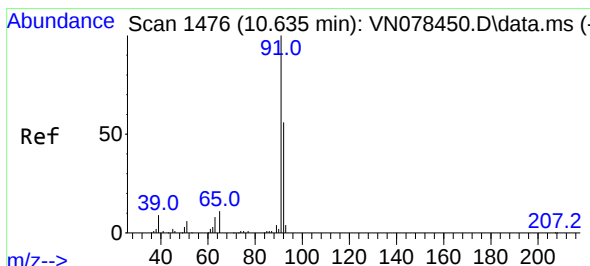
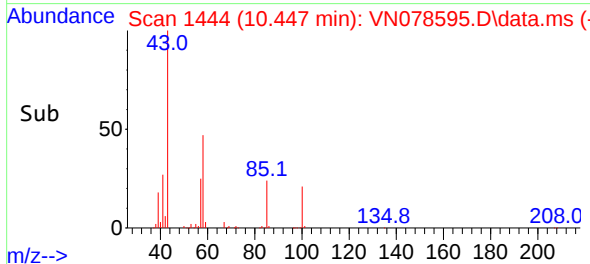
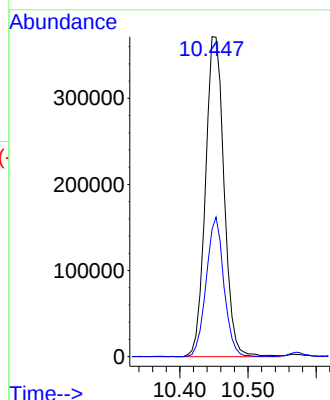
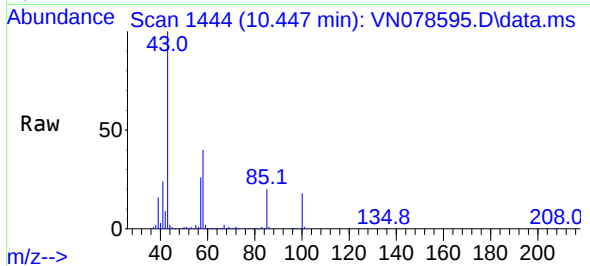
#51
4-Methyl-2-Pentanone
Concen: 108.522 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 43 Resp: 706483
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

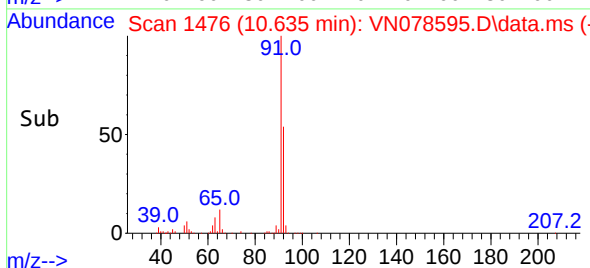
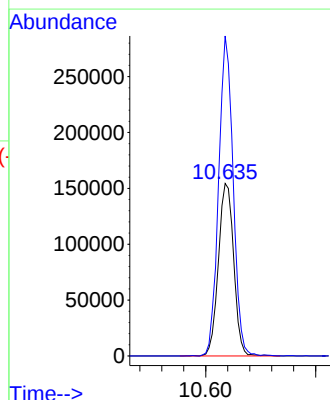
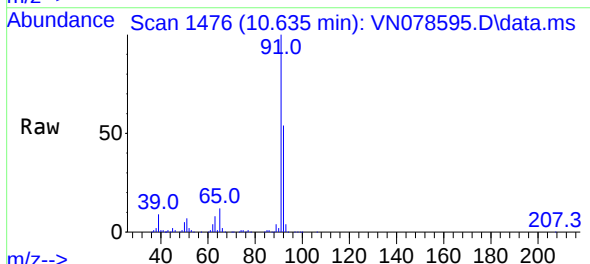
Manual Integrations
APPROVED

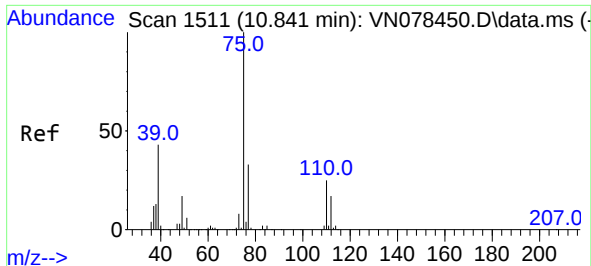
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#52
Toluene
Concen: 20.383 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

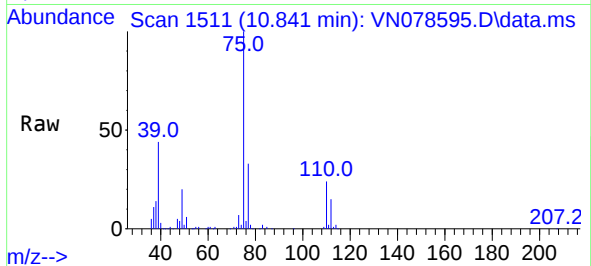
Tgt Ion: 92 Resp: 298462
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.880 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

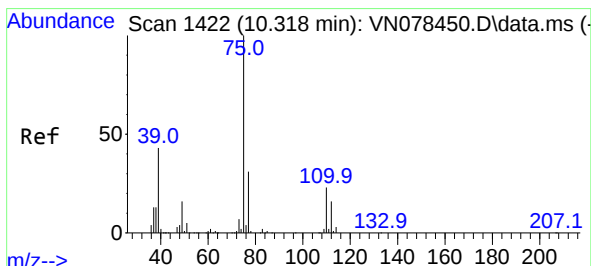
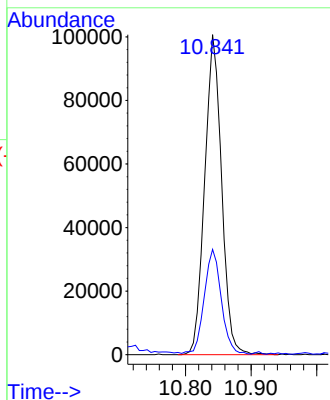
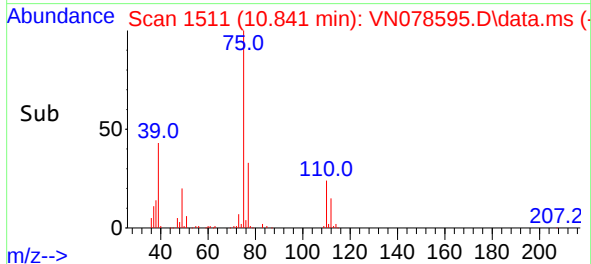
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



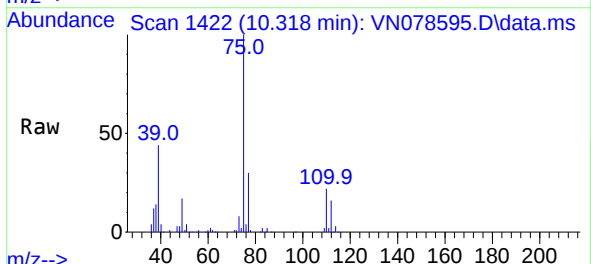
Tgt Ion: 75 Resp: 18058
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

Manual Integrations
APPROVED

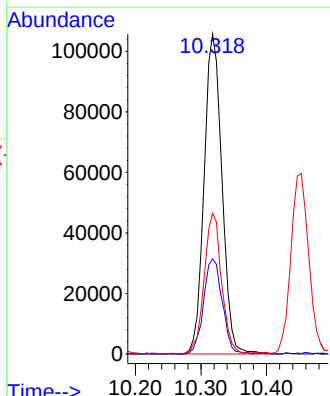
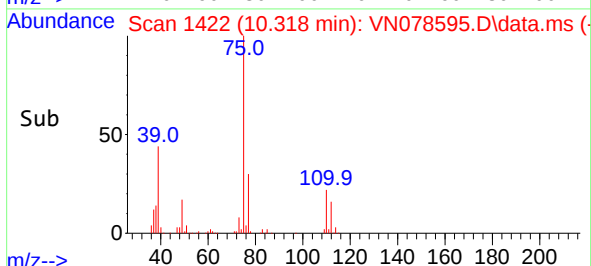
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

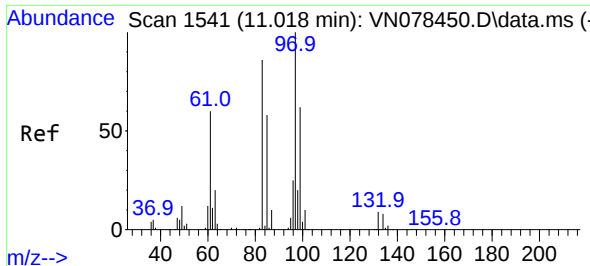


#54
cis-1,3-Dichloropropene
Concen: 21.733 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



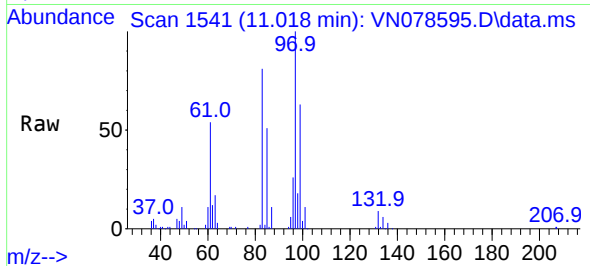
Tgt Ion: 75 Resp: 200357
Ion Ratio Lower Upper
75 100
77 29.8 26.1 39.1
39 44.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.779 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

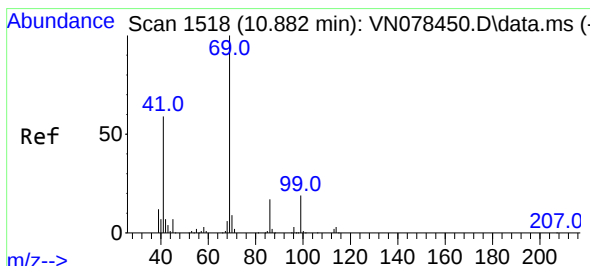
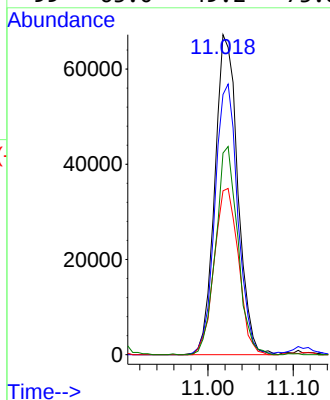
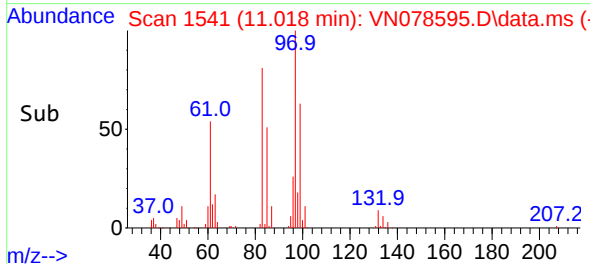
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



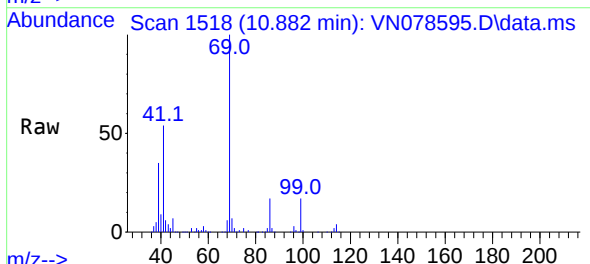
Tgt Ion:	97	Resp:	12564
Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.1	97.7
85	51.2	43.4	65.2
99	63.0	49.2	73.8

Manual Integrations
APPROVED

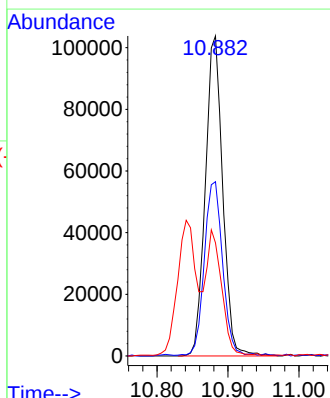
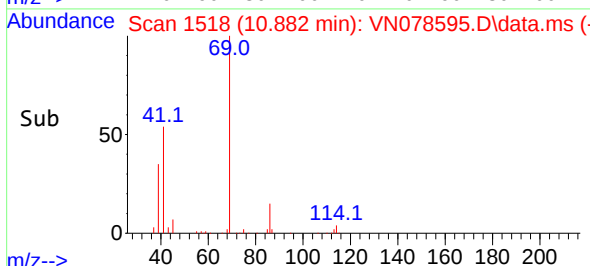
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

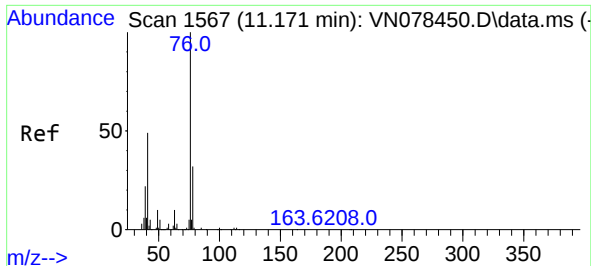


#56
Ethyl methacrylate
Concen: 21.900 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



Tgt Ion:	69	Resp:	176615
Ion	Ratio	Lower	Upper
69	100		
41	56.7	39.6	59.4
39	37.0	28.6	43.0





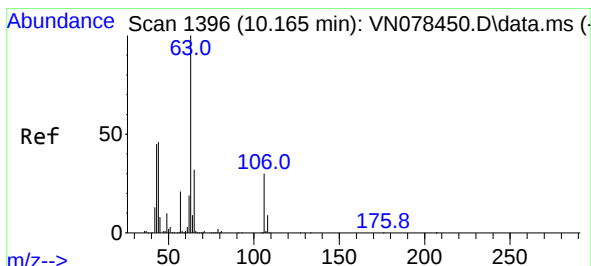
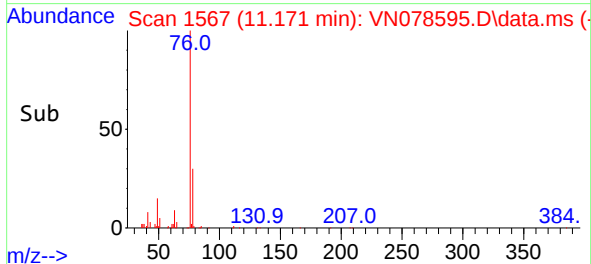
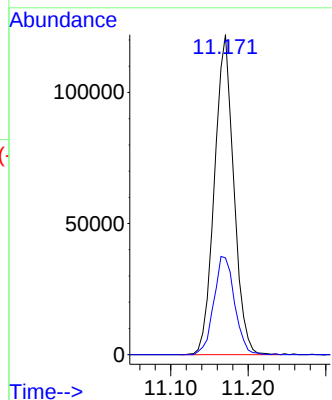
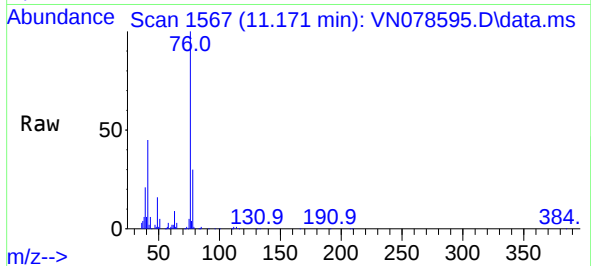
#57
1,3-Dichloropropane
Concen: 21.493 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01

Tgt Ion: 76 Resp: 210820
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

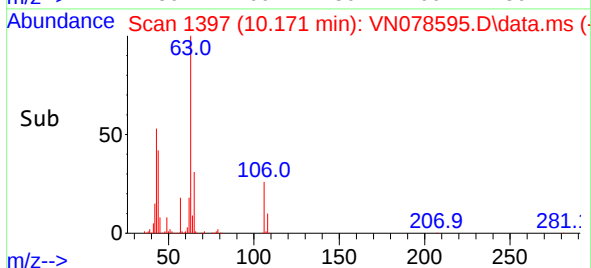
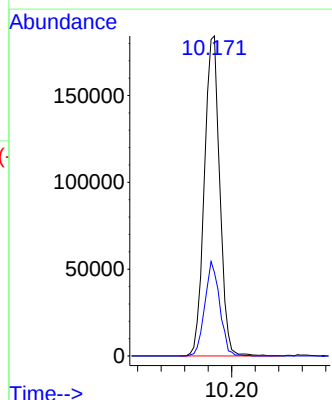
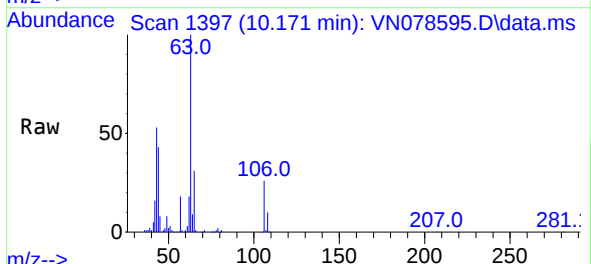
Manual Integrations
APPROVED

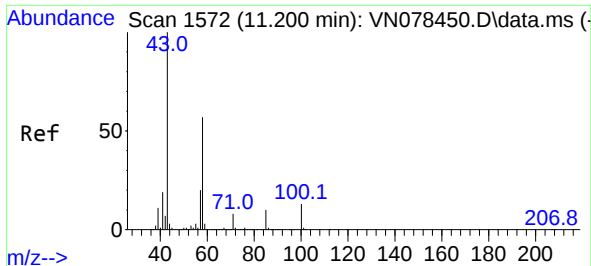
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 116.261 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

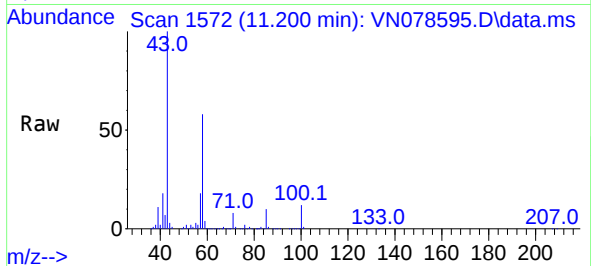
Tgt Ion: 63 Resp: 334132
Ion Ratio Lower Upper
63 100
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 109.449 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

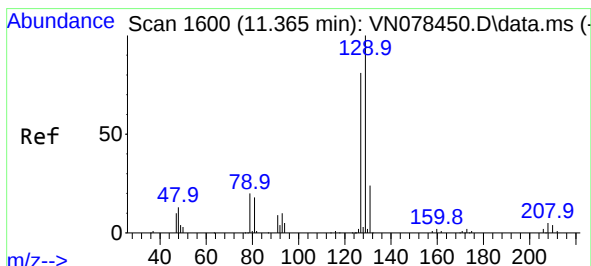
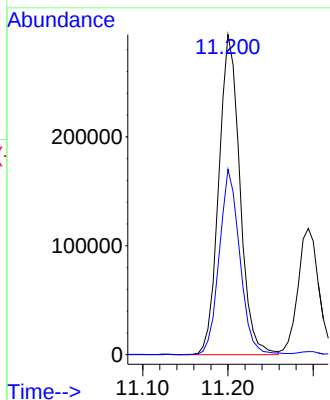
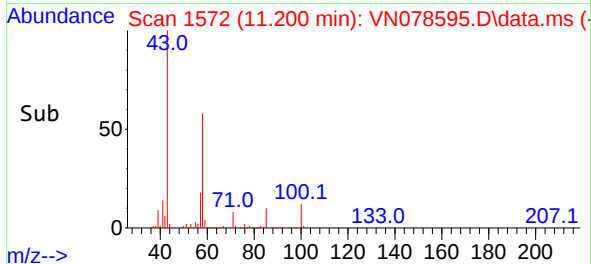
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



Tgt Ion: 43 Resp: 50639
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1

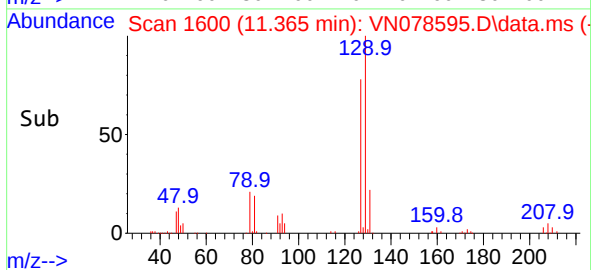
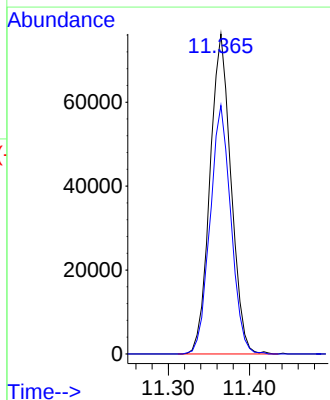
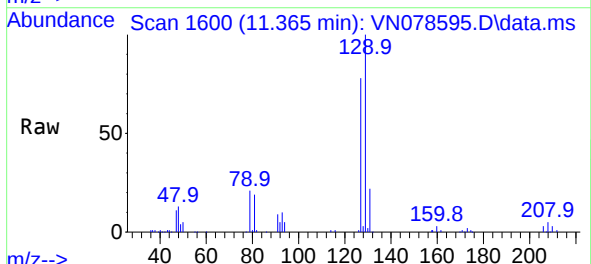
Manual Integrations
APPROVED

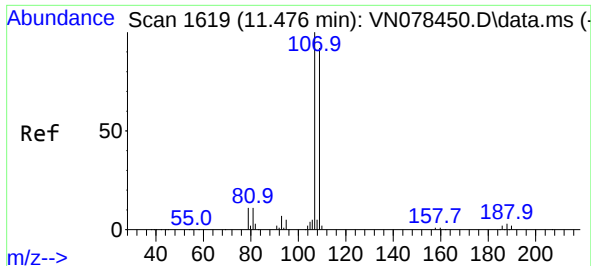
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 21.553 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

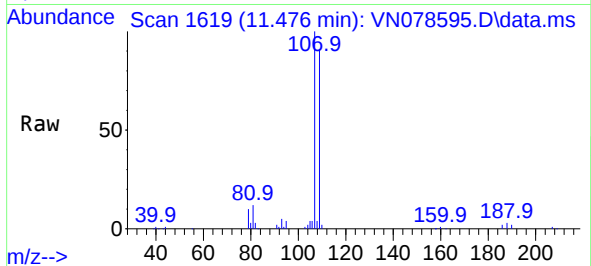
Tgt Ion:129 Resp: 137273
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.557 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

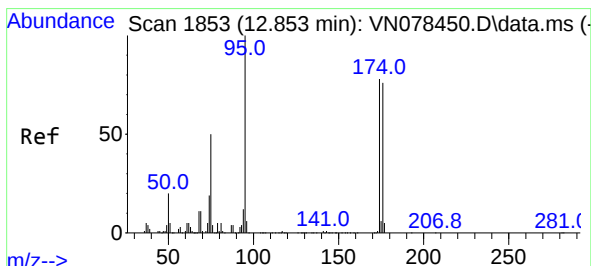
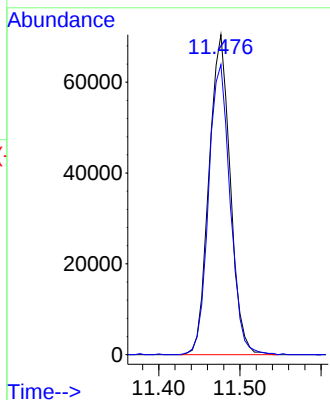
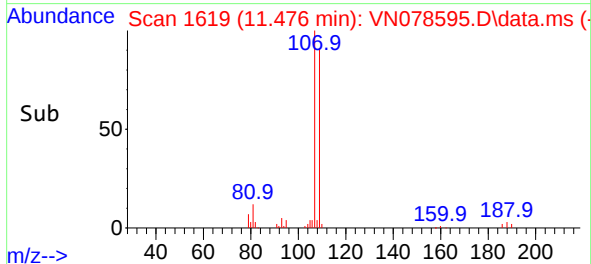
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



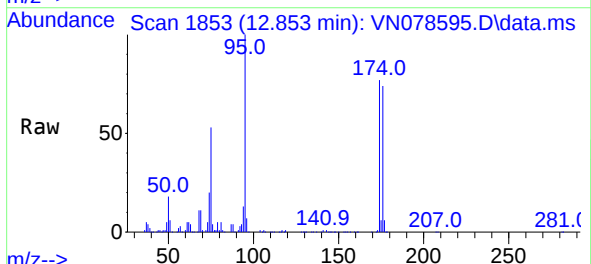
Tgt Ion:107 Resp: 128109
Ion Ratio Lower Upper
107 100
109 92.3 76.6 114.8

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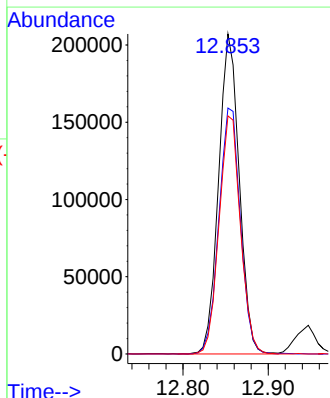
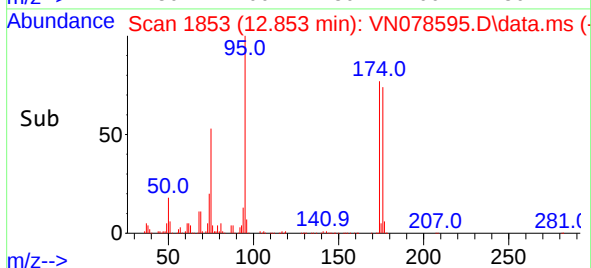
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

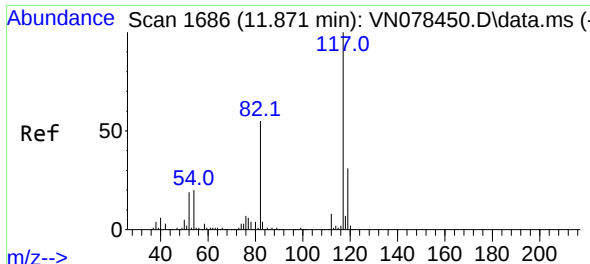


#62
4-Bromofluorobenzene
Concen: 54.238 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



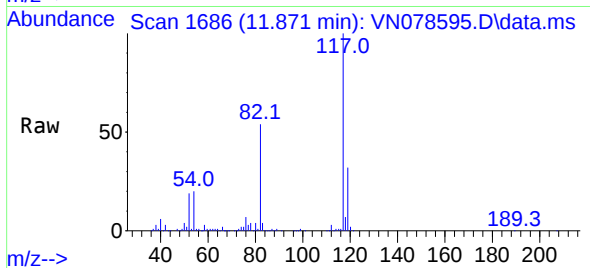
Tgt Ion: 95 Resp: 348562
Ion Ratio Lower Upper
95 100
174 79.9 0.0 143.8
176 76.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

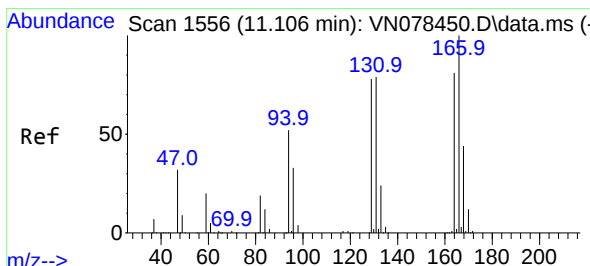
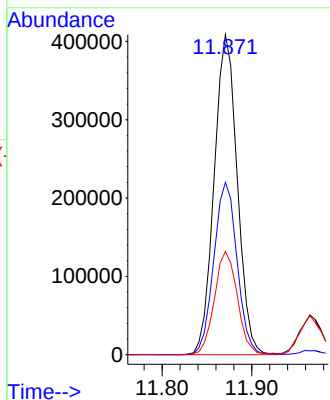
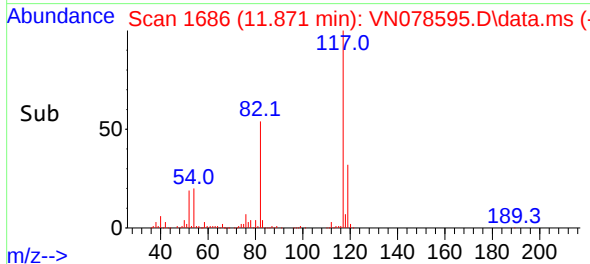
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



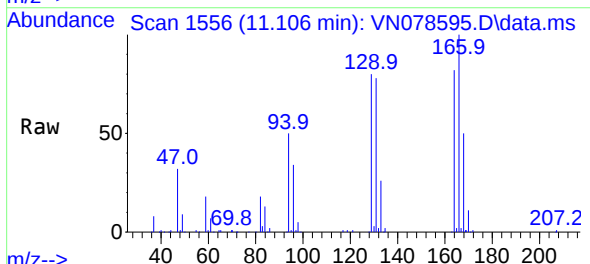
Tgt Ion:117 Resp: 730652
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.2 25.6 38.4

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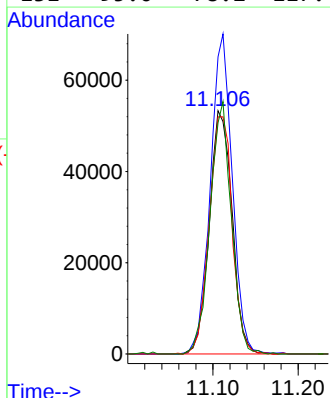
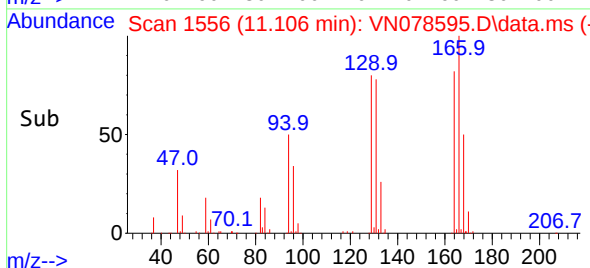
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

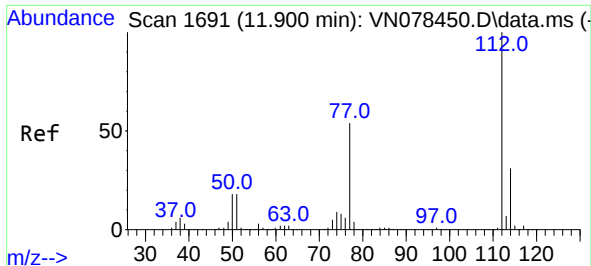


#64
Tetrachloroethene
Concen: 18.029 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



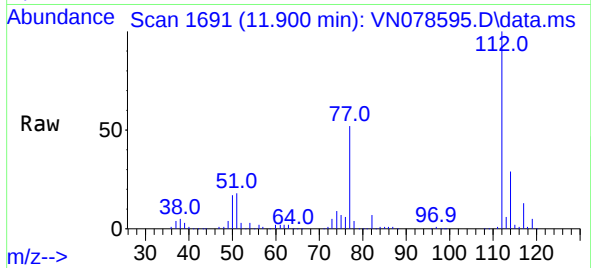
Tgt Ion:164 Resp: 99037
Ion Ratio Lower Upper
164 100
166 122.2 101.4 152.0
129 97.5 82.4 123.6
131 95.0 78.2 117.4





#65
Chlorobenzene
Concen: 20.004 ug/l
RT: 11.900 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

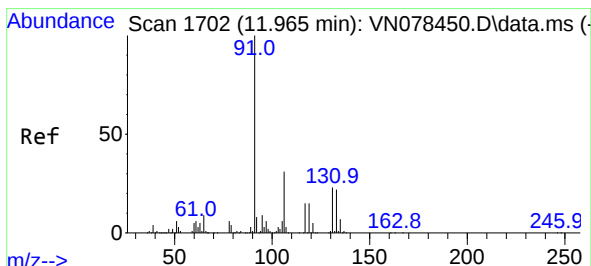
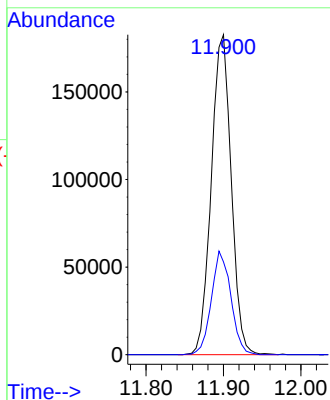
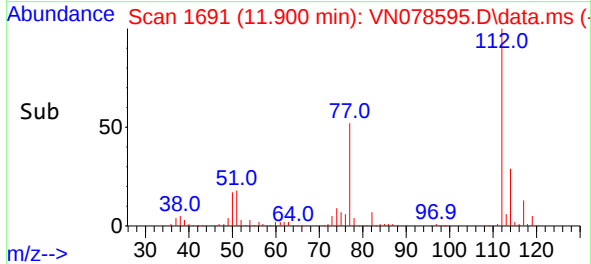
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



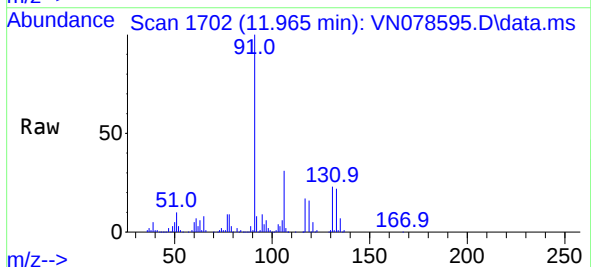
Tgt Ion:112 Resp: 326700
Ion Ratio Lower Upper
112 100
114 29.0 25.0 37.4

Manual Integrations
APPROVED

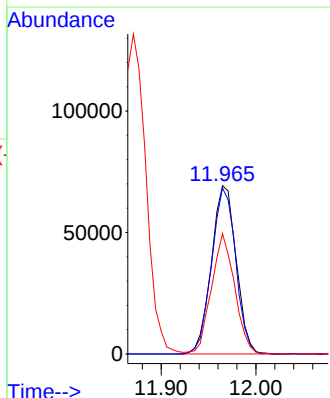
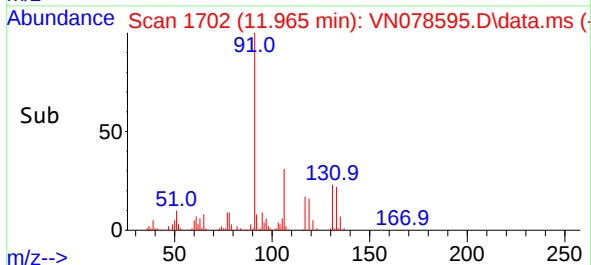
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

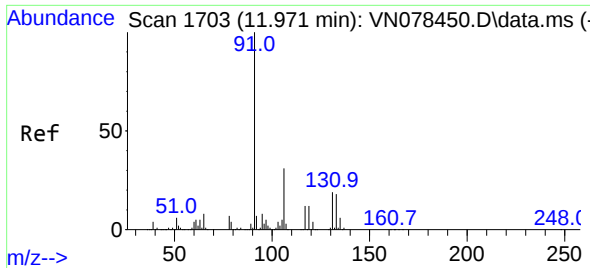


#66
1,1,1,2-Tetrachloroethane
Concen: 20.047 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



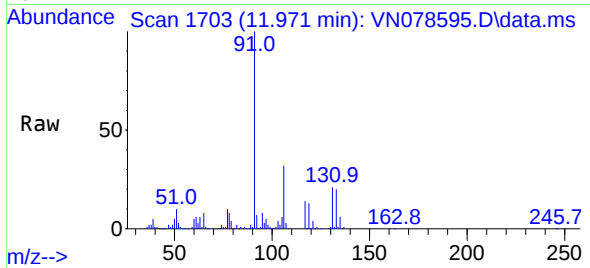
Tgt Ion:131 Resp: 125954
Ion Ratio Lower Upper
131 100
133 95.9 46.4 139.1
119 67.0 34.1 102.2





#67
Ethyl Benzene
Concen: 19.856 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

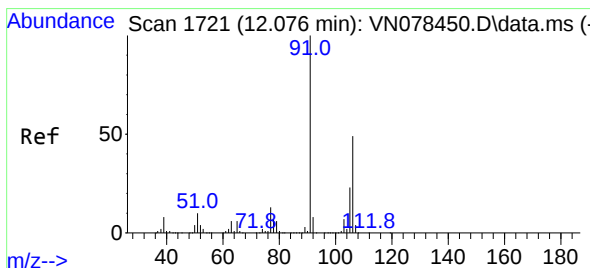
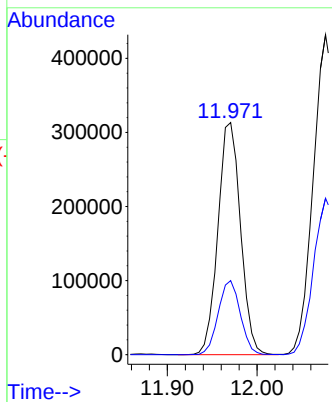
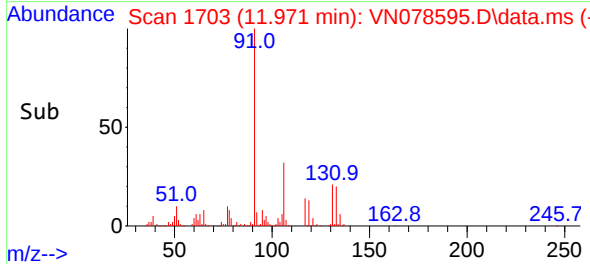
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 91 Resp: 548159
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

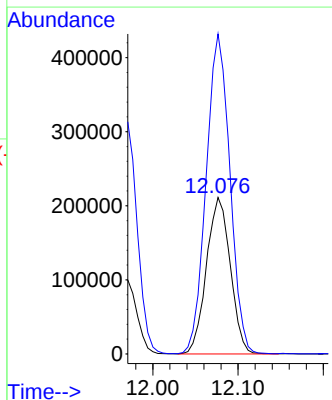
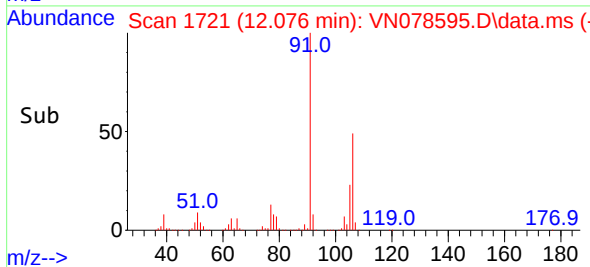
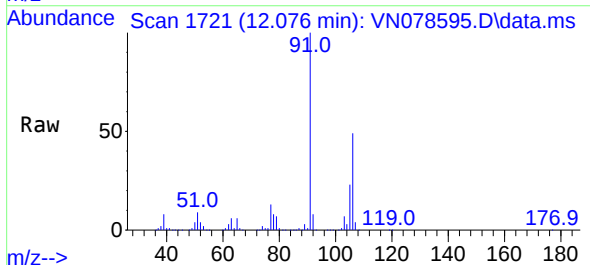
Manual Integrations
APPROVED

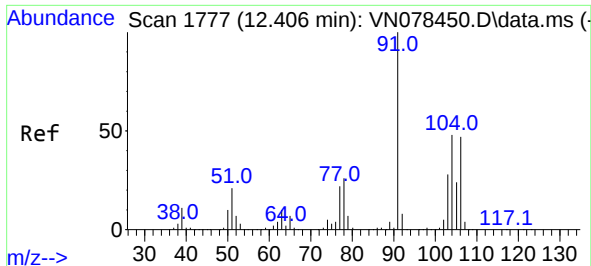
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#68
m/p-Xylenes
Concen: 40.252 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Tgt Ion:106 Resp: 410844
Ion Ratio Lower Upper
106 100
91 203.6 159.6 239.4





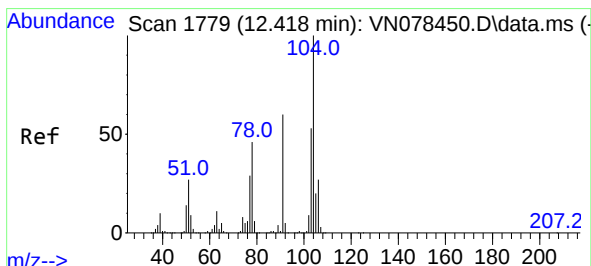
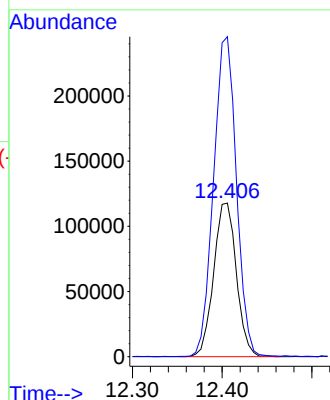
#69
o-Xylene
Concen: 20.085 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01

Tgt Ion:106 Resp: 207062
Ion Ratio Lower Upper
106 100
91 209.7 105.2 315.5

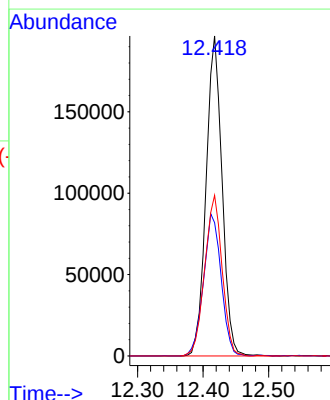
Manual Integrations
APPROVED

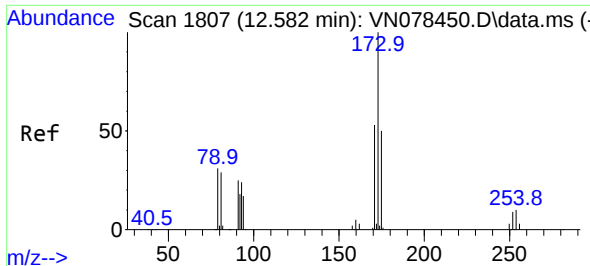
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#70
Styrene
Concen: 20.710 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

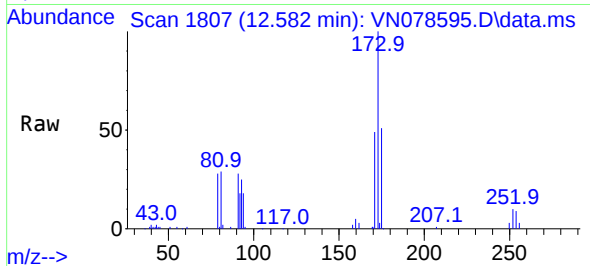
Tgt Ion:104 Resp: 334032
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 54.6 43.2 64.8





#71
Bromoform
Concen: 20.568 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

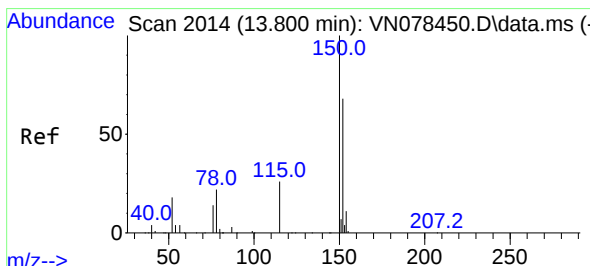
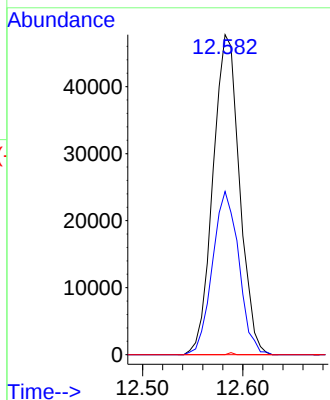
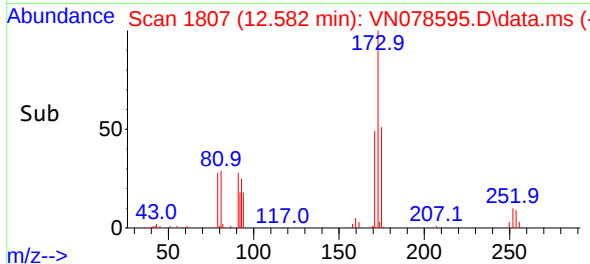
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



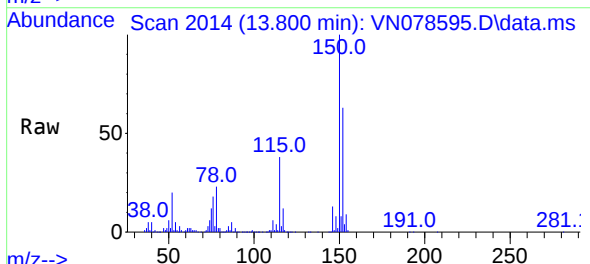
Tgt Ion:173 Resp: 87519
Ion Ratio Lower Upper
173 100
175 50.8 24.3 73.0
254 0.1 0.0 0.0

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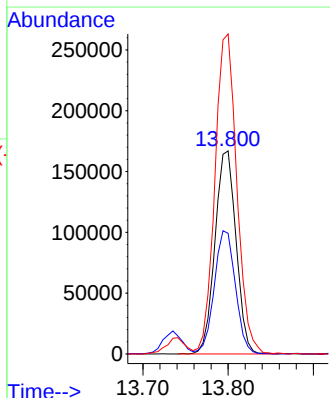
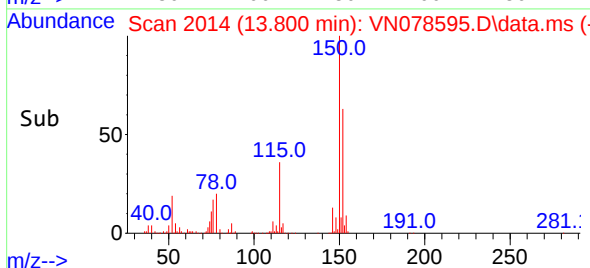
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

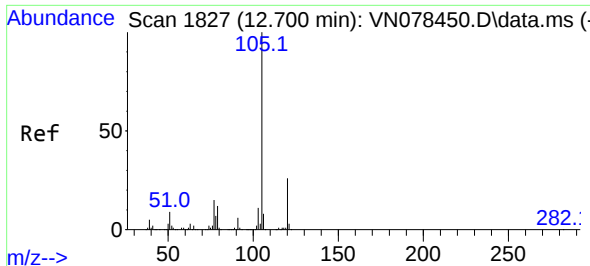


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



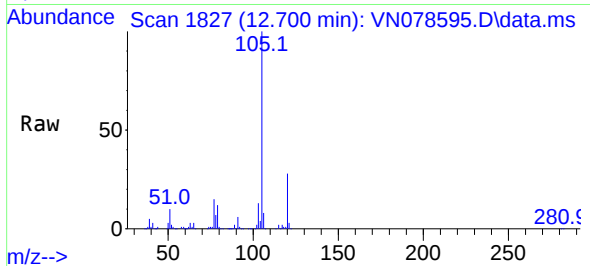
Tgt Ion:152 Resp: 287395
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 163.6 0.0 355.8





#73
Isopropylbenzene
Concen: 19.051 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

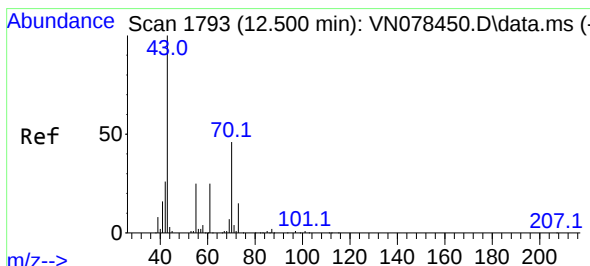
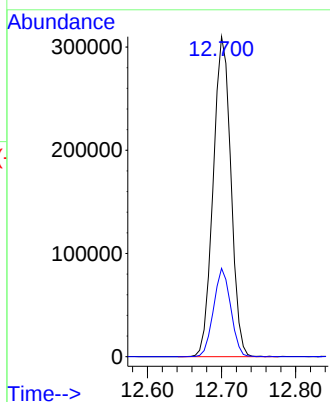
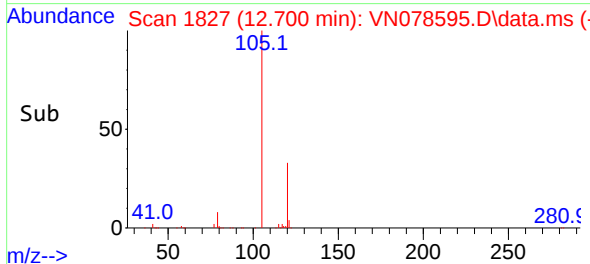
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



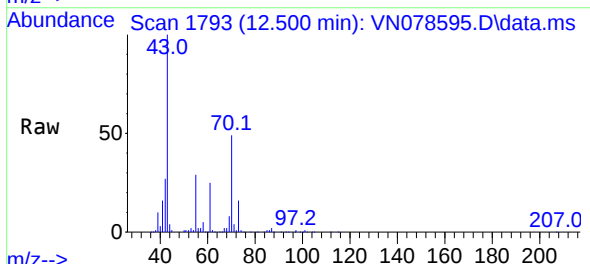
Tgt Ion:105 Resp: 51446
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

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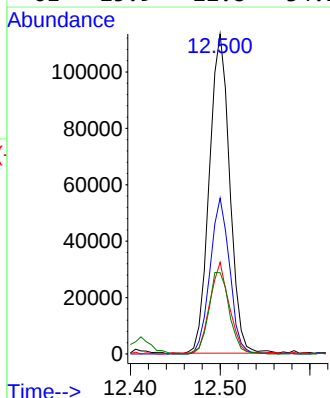
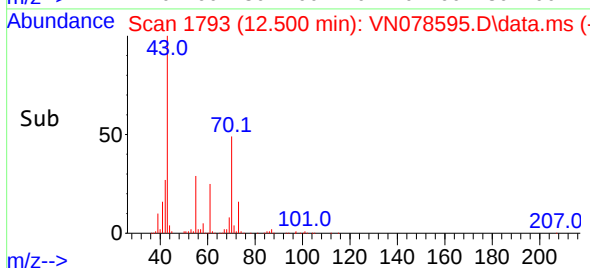
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

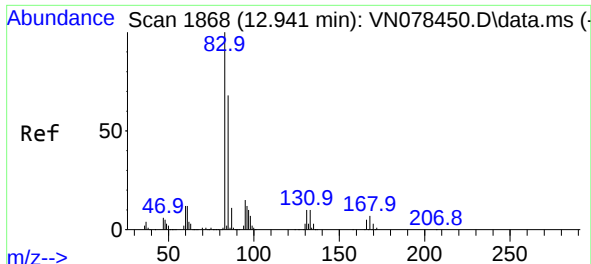


#74
N-ethyl acetate
Concen: 19.195 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



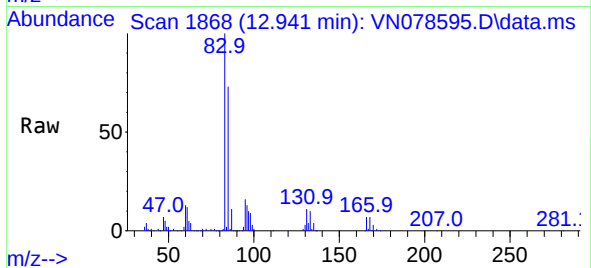
Tgt Ion: 43 Resp: 178638
Ion Ratio Lower Upper
43 100
70 47.0 43.4 65.2
55 26.8 21.4 32.0
61 25.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.710 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

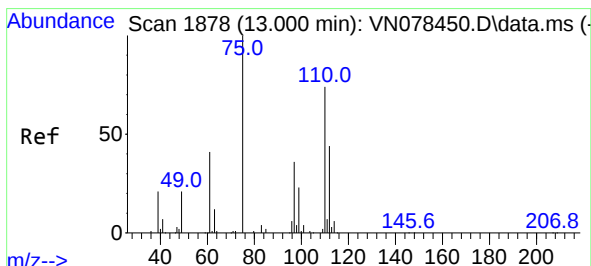
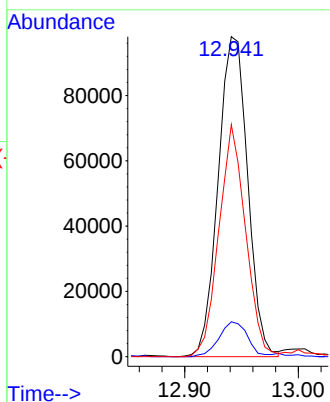
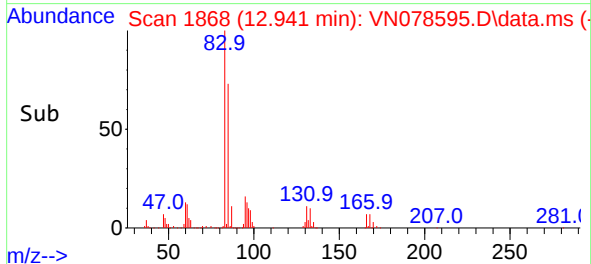
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01



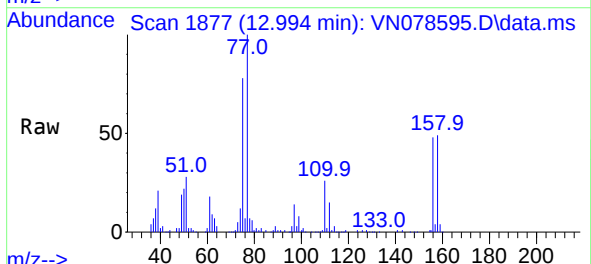
Tgt Ion: 83 Resp: 176960
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 65.6 31.9 95.7

Manual Integrations
APPROVED

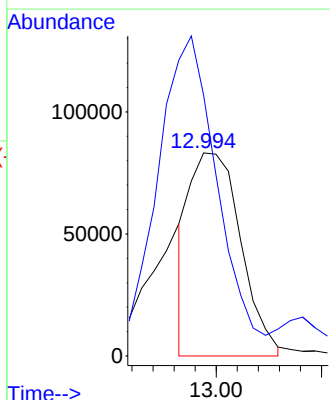
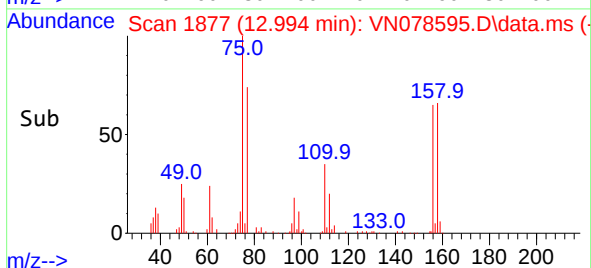
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

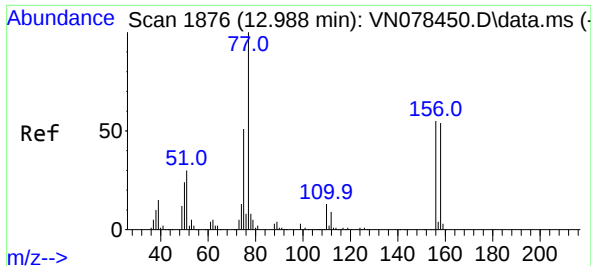


#76
1,2,3-Trichloropropane
Concen: 20.194 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



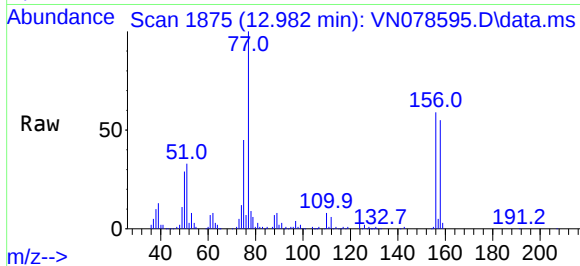
Tgt Ion: 75 Resp: 140284
Ion Ratio Lower Upper
75 100
77 187.2 84.5 253.5





#77
Bromobenzene
Concen: 20.474 ug/l
RT: 12.982 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

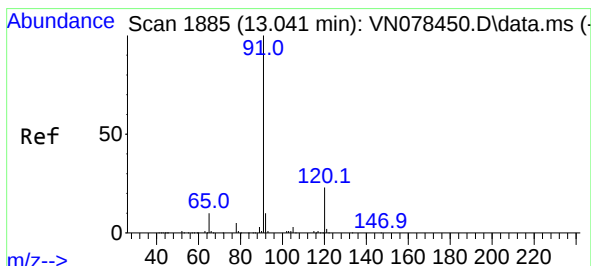
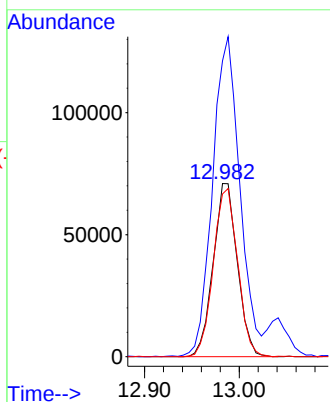
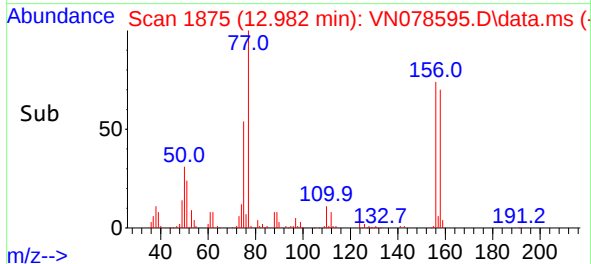
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



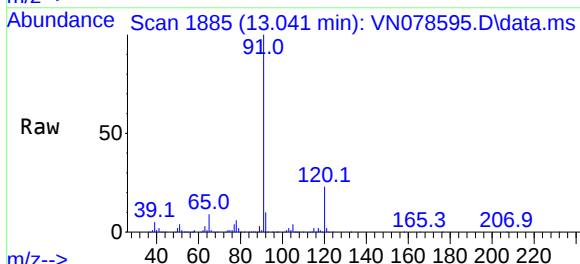
Tgt Ion:156 Resp: 12559
Ion Ratio Lower Upper
156 100
77 209.1 107.7 323.3
158 98.1 48.4 145.3

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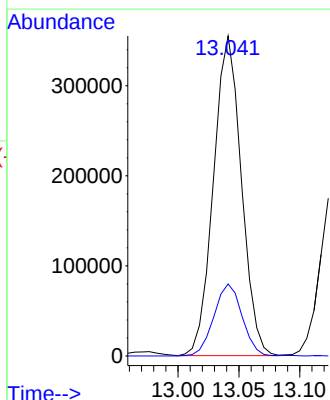
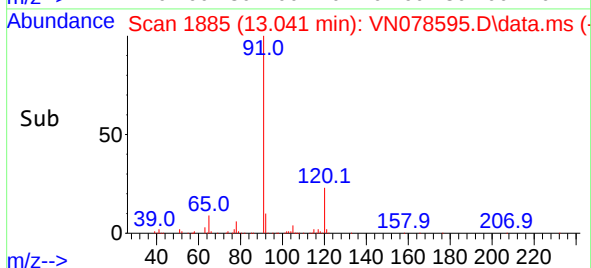
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

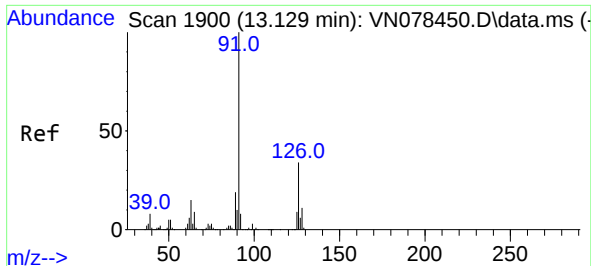


#78
n-propylbenzene
Concen: 19.595 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



Tgt Ion: 91 Resp: 565905
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





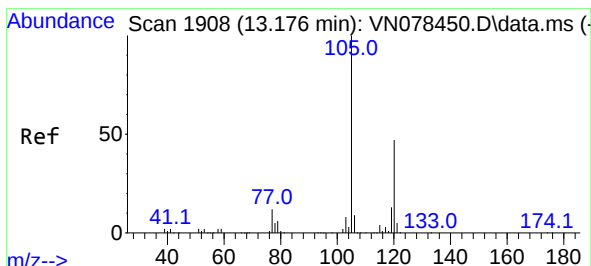
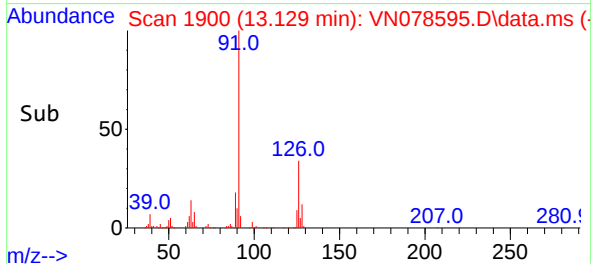
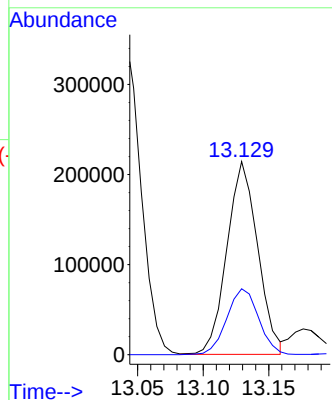
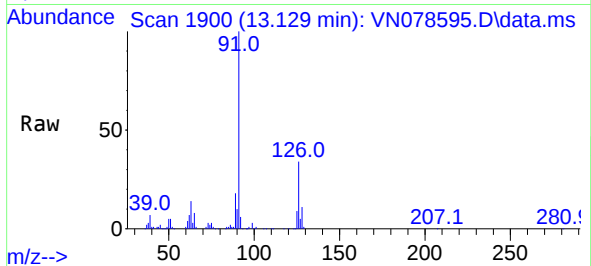
#79
2-Chlorotoluene
Concen: 18.496 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBSD01

Tgt Ion: 91 Resp: 34989
Ion Ratio Lower Upper
91 100
126 35.4 16.3 48.8

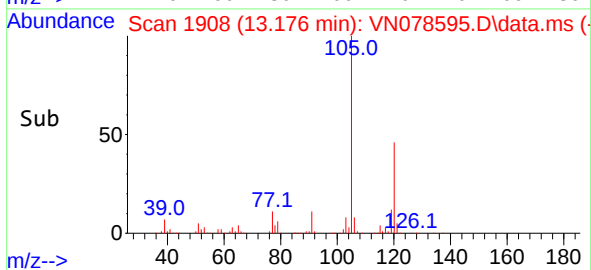
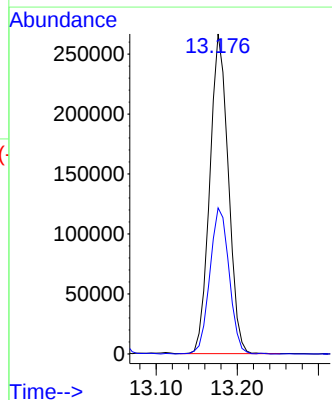
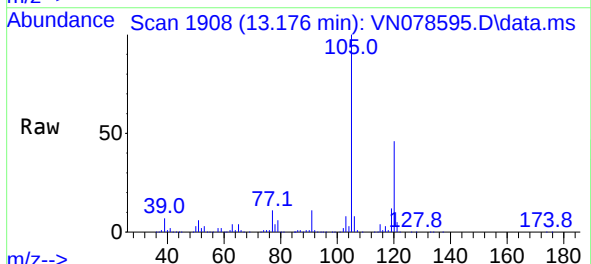
Manual Integrations
APPROVED

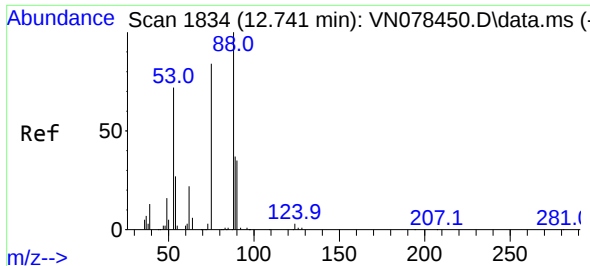
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.769 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

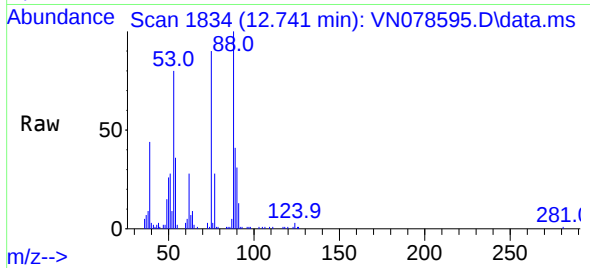
Tgt Ion:105 Resp: 421813
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 21.118 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

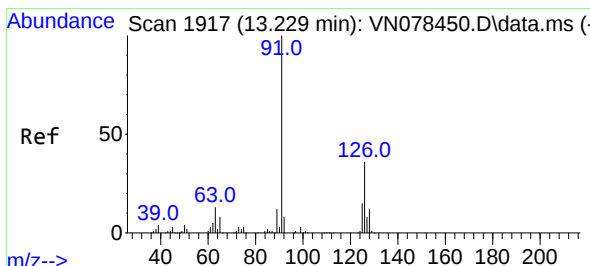
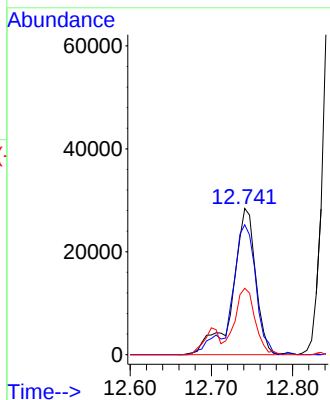
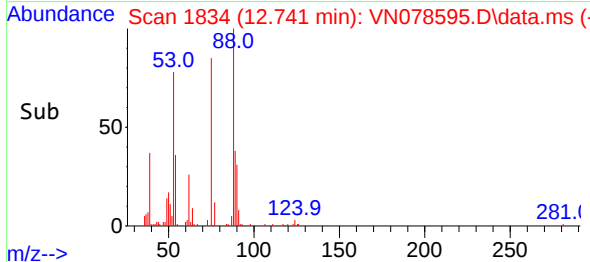
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



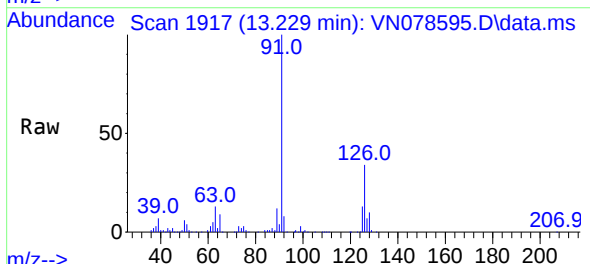
Tgt Ion: 75 Resp: 55829
Ion Ratio Lower Upper
75 100
53 92.6 67.4 101.2
89 40.8 38.8 58.2

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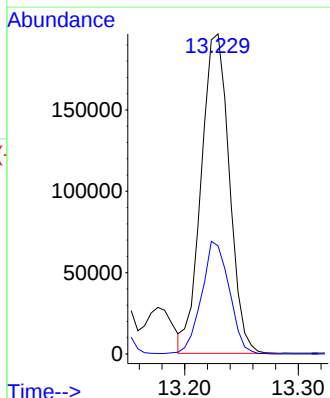
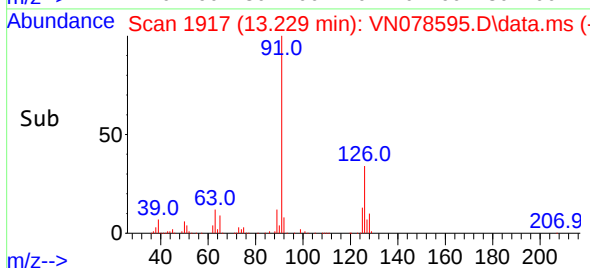
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

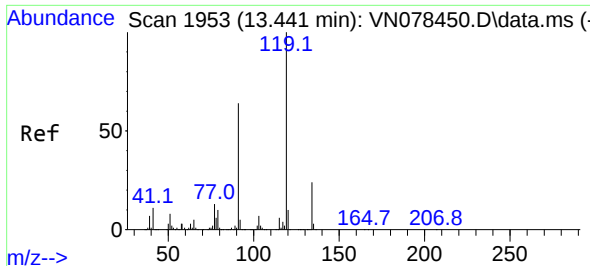


#82
4-Chlorotoluene
Concen: 19.118 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



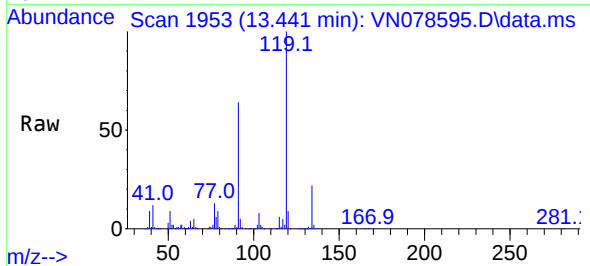
Tgt Ion: 91 Resp: 337381
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.724 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

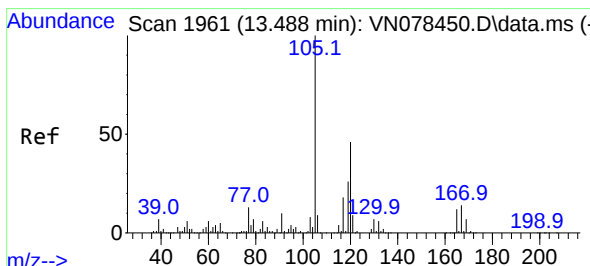
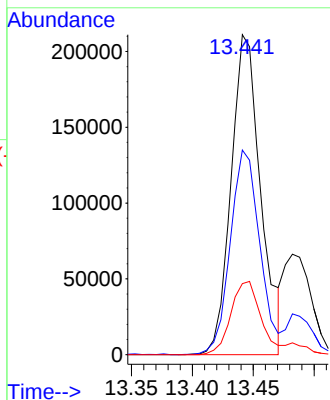
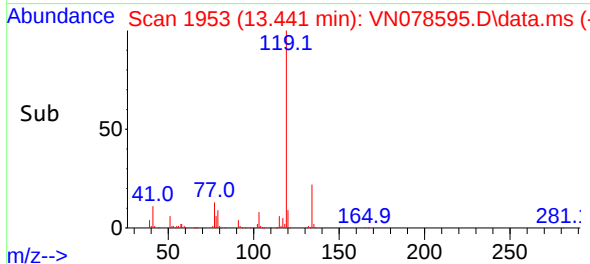
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



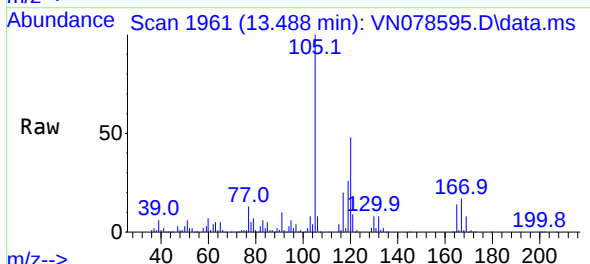
Tgt Ion:119 Resp: 357310
Ion Ratio Lower Upper
119 100
91 63.6 33.9 101.7
134 23.6 13.2 39.6

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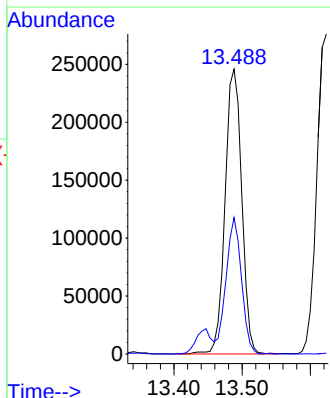
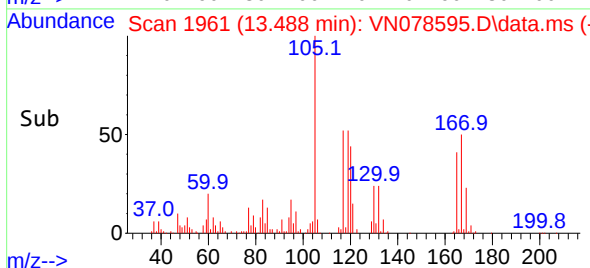
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

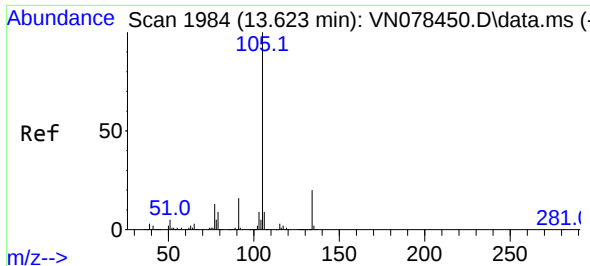


#84
1,2,4-Trimethylbenzene
Concen: 20.177 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



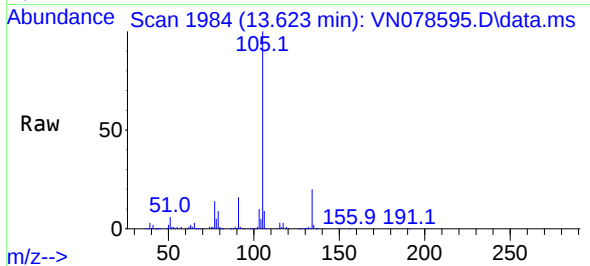
Tgt Ion:105 Resp: 418170
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.549 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078595.D
 Acq: 20 Jul 2023 15:57

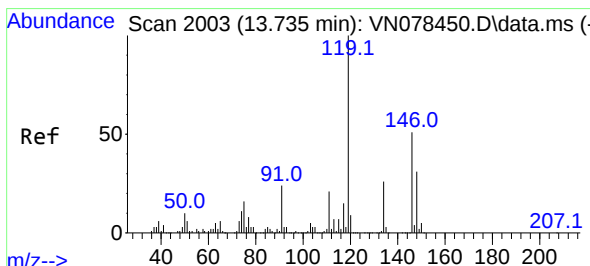
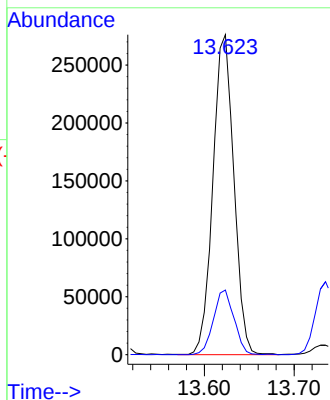
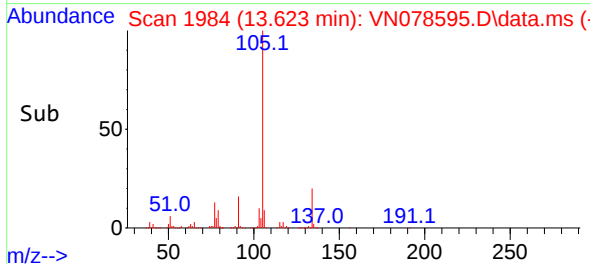
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBSD01



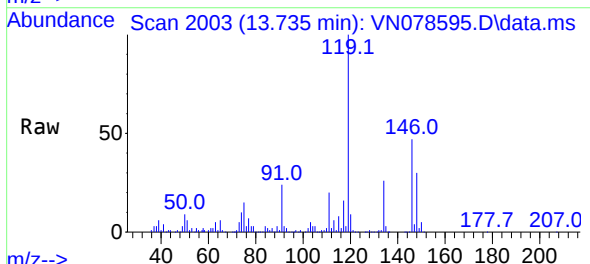
Tgt Ion:105 Resp: 447620
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

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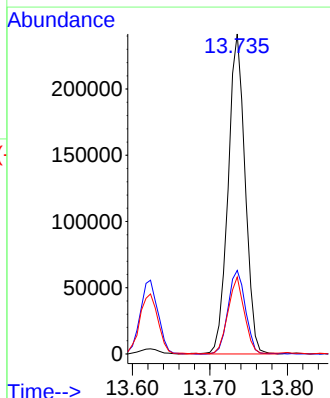
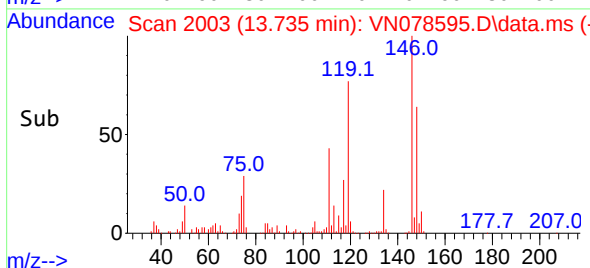
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

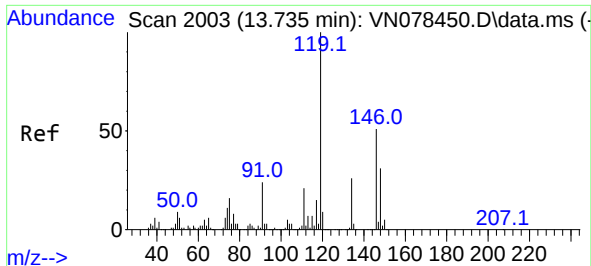


#86
 p-Isopropyltoluene
 Concen: 20.073 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078595.D
 Acq: 20 Jul 2023 15:57



Tgt Ion:119 Resp: 369070
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 23.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.871 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078595.D

Acq: 20 Jul 2023 15:57

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

Tgt Ion:146 Resp: 205998

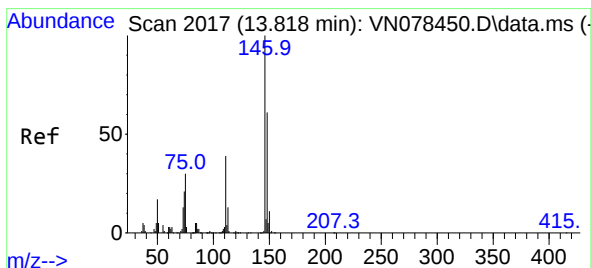
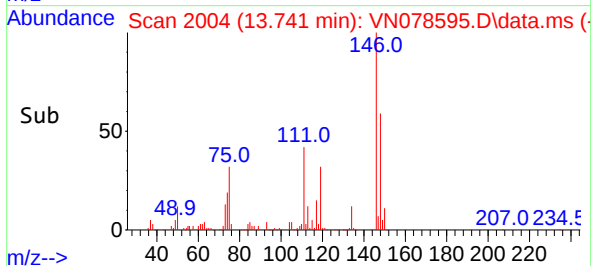
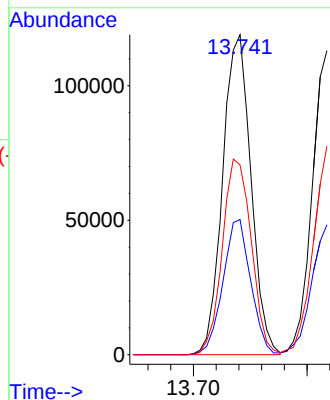
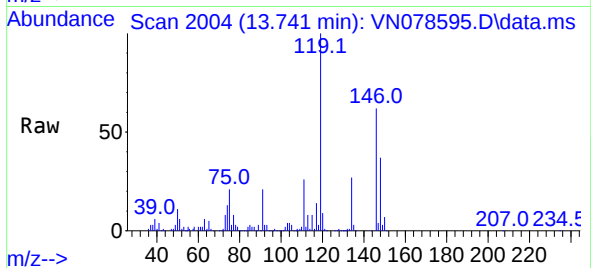
Ion	Ratio	Lower	Upper
146	100		
111	41.6	22.1	66.3
148	62.6	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#88

1,4-Dichlorobenzene

Concen: 18.381 ug/l

RT: 13.817 min Scan# 2017

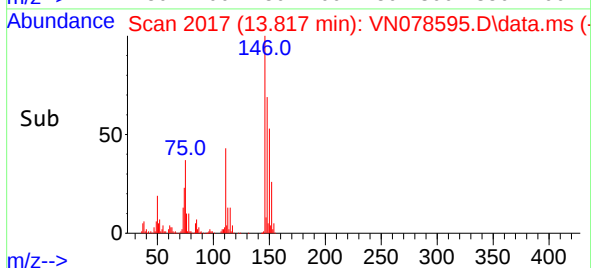
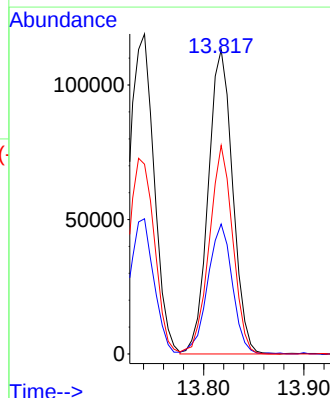
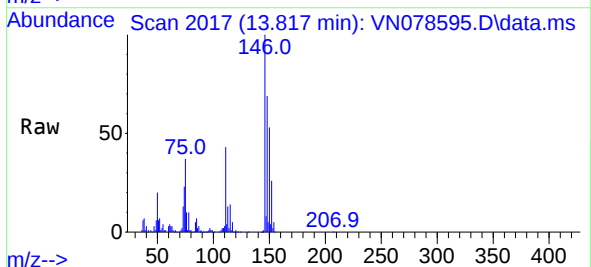
Delta R.T. -0.001 min

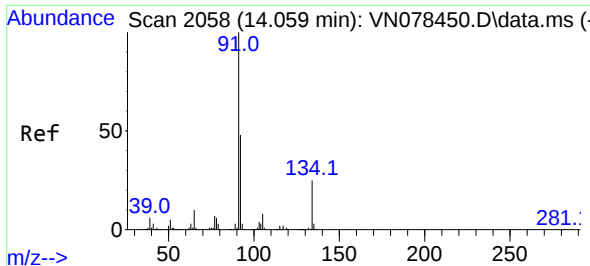
Lab File: VN078595.D

Acq: 20 Jul 2023 15:57

Tgt Ion:146 Resp: 191943

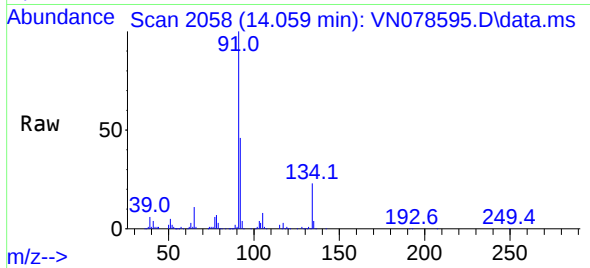
Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.6	61.8
148	65.9	31.6	94.8





#89
n-Butylbenzene
Concen: 21.157 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

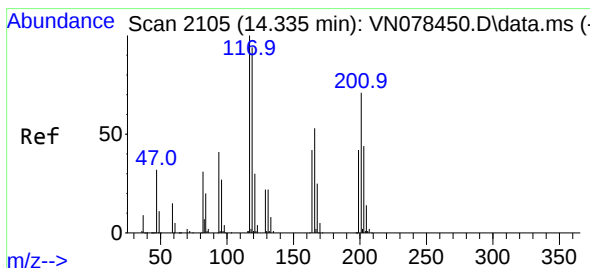
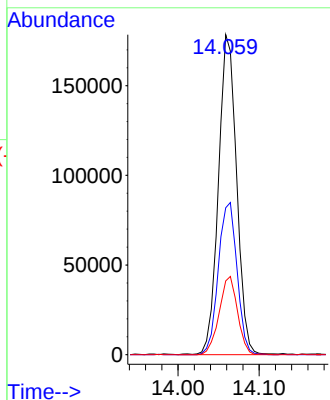
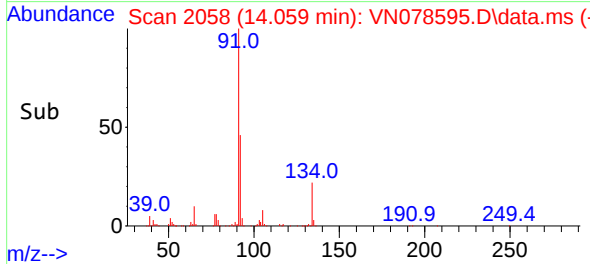
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 91 Resp: 278329
Ion Ratio Lower Upper
91 100
92 48.8 26.4 79.0
134 24.7 12.6 37.6

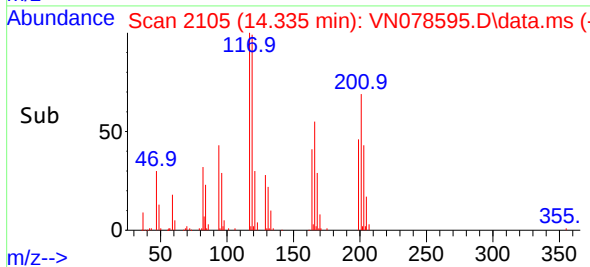
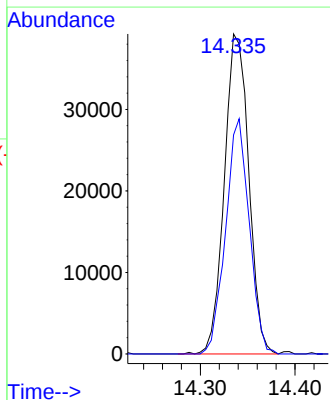
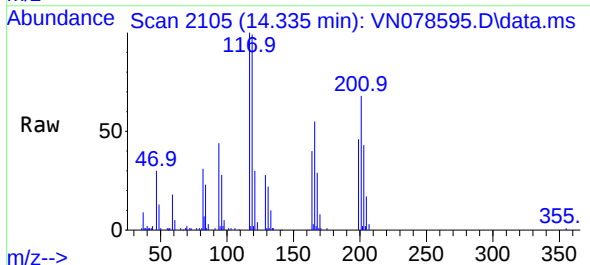
Manual Integrations
APPROVED

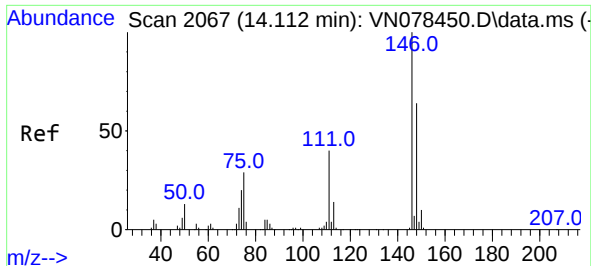
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#90
Hexachloroethane
Concen: 20.335 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

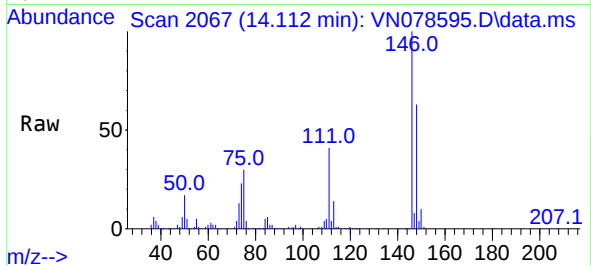
Tgt Ion:117 Resp: 70355
Ion Ratio Lower Upper
117 100
201 71.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.402 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

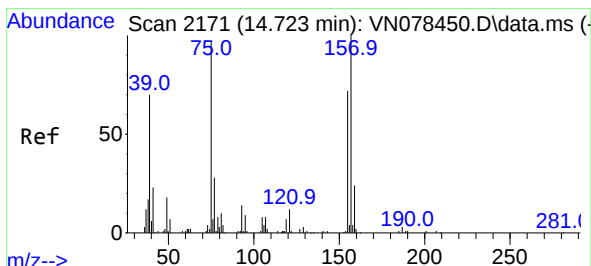
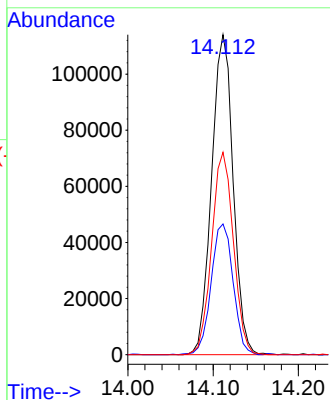
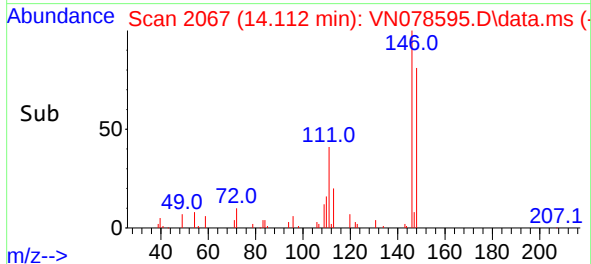
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



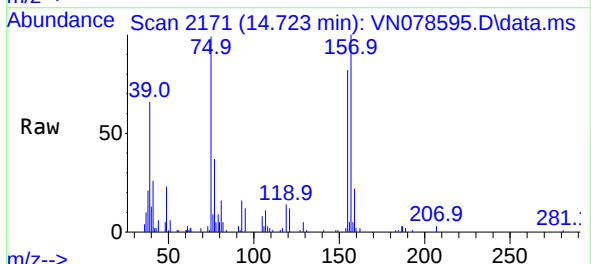
Tgt Ion:146 Resp: 200172
Ion Ratio Lower Upper
146 100
111 41.7 22.0 66.0
148 64.0 31.8 95.3

Manual Integrations
APPROVED

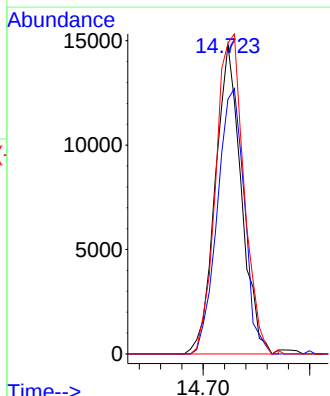
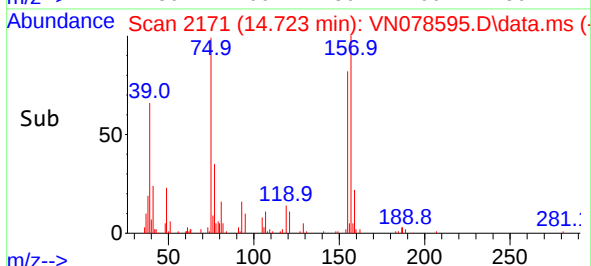
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

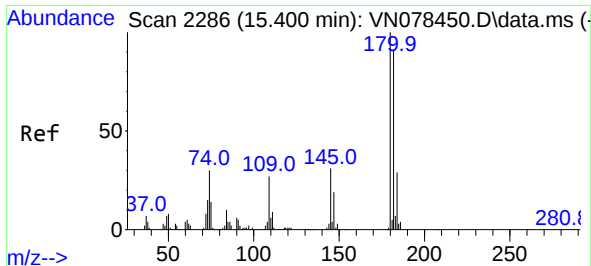


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.215 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



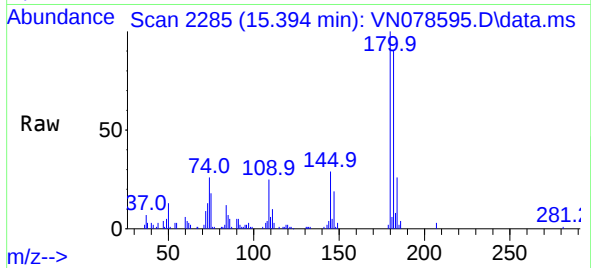
Tgt Ion: 75 Resp: 25126
Ion Ratio Lower Upper
75 100
155 89.0 39.1 117.2
157 111.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.496 ug/l
RT: 15.394 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

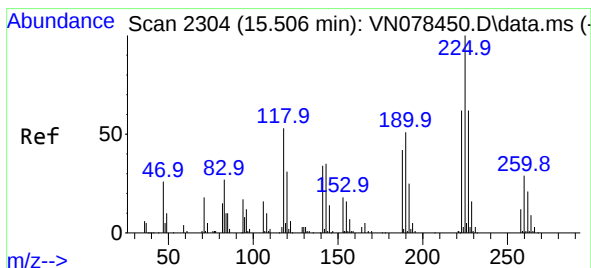
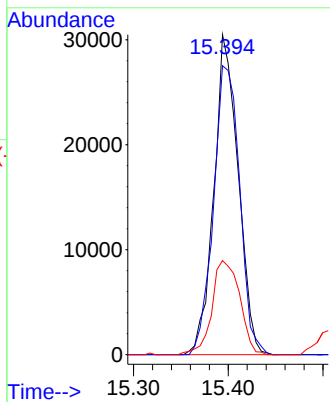
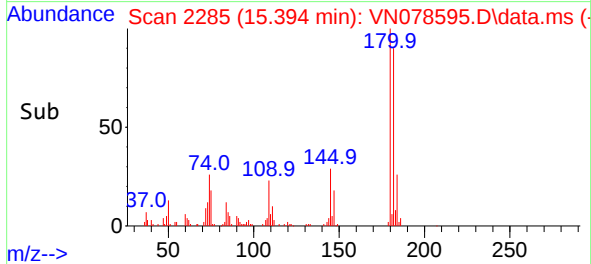
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



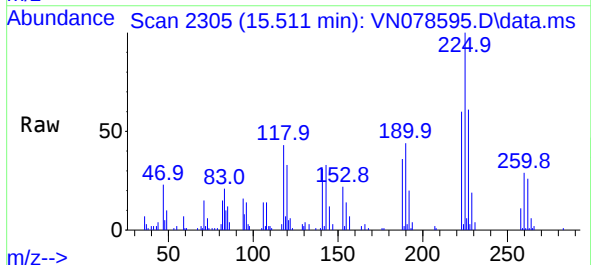
Tgt Ion:180 Resp: 54310
Ion Ratio Lower Upper
180 100
182 97.3 46.1 138.2
145 33.6 16.6 49.8

Manual Integrations
APPROVED

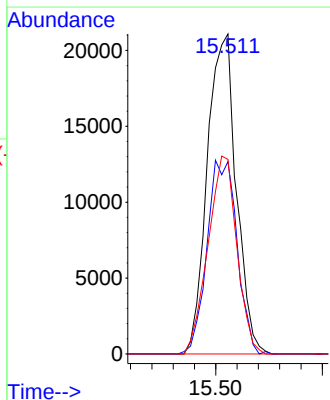
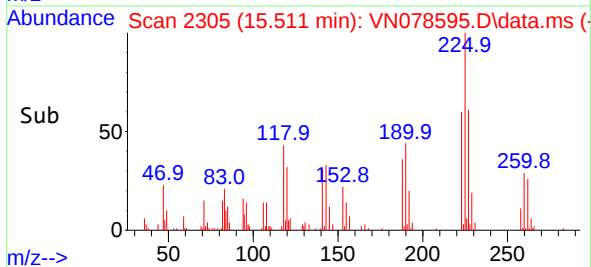
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

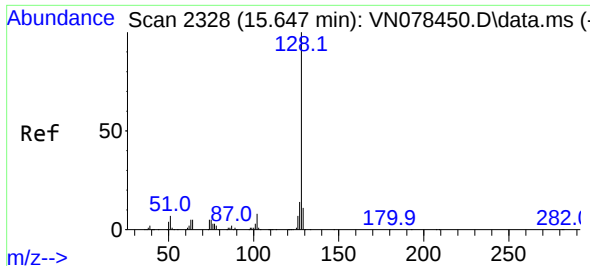


#94
Hexachlorobutadiene
Concen: 21.021 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



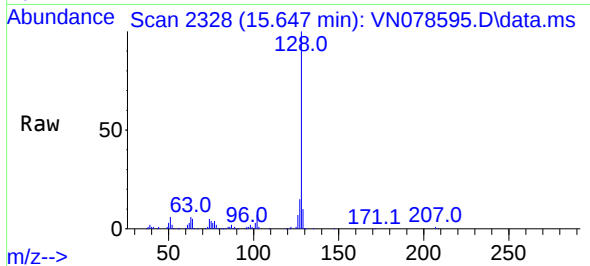
Tgt Ion:225 Resp: 39894
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.8
227 61.4 31.9 95.9





#95
Naphthalene
Concen: 14.945 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57

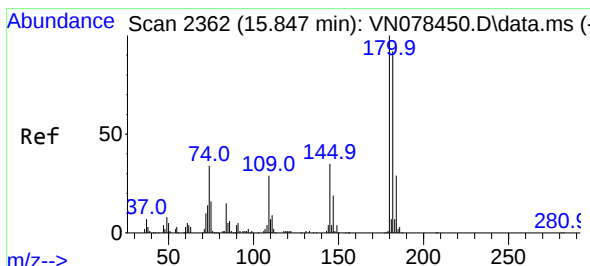
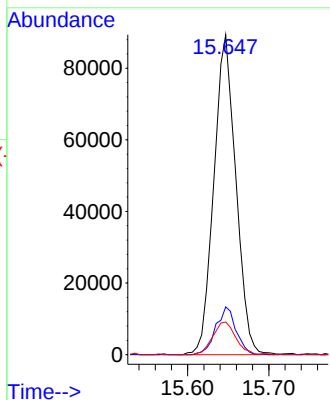
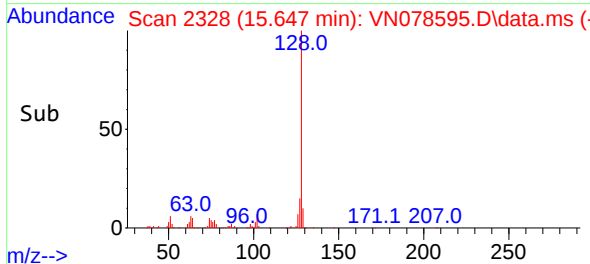
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



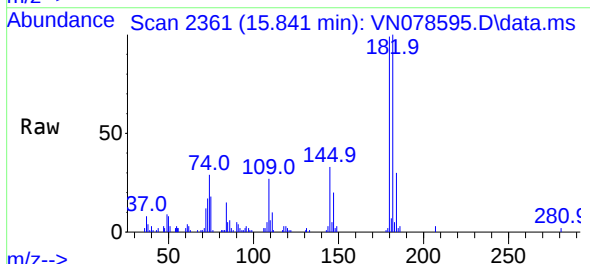
Tgt Ion:128 Resp: 168227
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 16.724 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078595.D
Acq: 20 Jul 2023 15:57



Tgt Ion:180 Resp: 63318
Ion Ratio Lower Upper
180 100
182 98.4 46.2 138.6
145 33.7 17.5 52.6

