

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078512.D
 Acq On : 14 Jul 2023 11:07
 Operator : JC\MD
 Sample : VN0714WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Quant Time: Jul 15 03:58:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	423054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	721606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	652448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	260094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	304239	53.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.280%	
35) Dibromofluoromethane	8.177	113	264483	53.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.980%	
50) Toluene-d8	10.571	98	951105	51.397	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.853	95	297122	52.127	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	92754	17.882	ug/l	99
3) Chloromethane	2.371	50	117583	20.857	ug/l	96
4) Vinyl Chloride	2.518	62	138428	18.981	ug/l	98
5) Bromomethane	2.959	94	102043	19.043	ug/l	95
6) Chloroethane	3.124	64	89168	19.022	ug/l	97
7) Trichlorofluoromethane	3.500	101	167304	19.191	ug/l	95
8) Diethyl Ether	3.971	74	59010	20.316	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	95048	20.596	ug/l	97
10) Methyl Iodide	4.595	142	123673	19.502	ug/l	98
11) Tert butyl alcohol	5.530	59	88392	101.070	ug/l	99
12) 1,1-Dichloroethene	4.347	96	85313	19.111	ug/l	87
13) Acrolein	4.189	56	94160	109.431	ug/l	95
14) Allyl chloride	5.030	41	112717	18.479	ug/l	93
15) Acrylonitrile	5.736	53	234820	106.269	ug/l	99
16) Acetone	4.447	43	181041	102.476	ug/l	100
17) Carbon Disulfide	4.718	76	218961	16.963	ug/l	97
18) Methyl Acetate	5.036	43	153014	20.460	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	307336	20.896	ug/l	97
20) Methylene Chloride	5.289	84	110233	21.045	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	97581	19.398	ug/l	95
22) Diisopropyl ether	6.683	45	291200	21.320	ug/l	95
23) Vinyl Acetate	6.618	43	888508	102.326	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	185565	20.163	ug/l	98
25) 2-Butanone	7.494	43	293858	105.667	ug/l	87
26) 2,2-Dichloropropane	7.506	77	153132	20.343	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	115882	19.913	ug/l	94
28) Bromochloromethane	7.824	49	85355	19.690	ug/l	93
29) Tetrahydrofuran	7.853	42	186152	102.013	ug/l	86
30) Chloroform	7.977	83	200826	20.959	ug/l	95
31) Cyclohexane	8.265	56	138935	18.126	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	174931	20.363	ug/l	99
36) 1,1-Dichloropropene	8.377	75	136631	19.317	ug/l	98
37) Ethyl Acetate	7.571	43	121724	20.645	ug/l #	94
38) Carbon Tetrachloride	8.365	117	154494	20.098	ug/l	98
39) Methylcyclohexane	9.606	83	125614	19.456	ug/l	93
40) Benzene	8.612	78	431917	20.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	65298	21.724	ug/l	91
42) 1,2-Dichloroethane	8.677	62	152233	21.359	ug/l	97
43) Isopropyl Acetate	8.694	43	207954	21.422	ug/l	94
44) Trichloroethene	9.359	130	104318	18.471	ug/l	96
45) 1,2-Dichloropropane	9.629	63	109532	20.639	ug/l	99
46) Dibromomethane	9.718	93	80137	21.454	ug/l	93
47) Bromodichloromethane	9.894	83	160170	21.391	ug/l	98
48) Methyl methacrylate	9.688	41	93785	20.854	ug/l	90
49) 1,4-Dioxane	9.706	88	42115	429.407	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	628861	108.913	ug/l	94
52) Toluene	10.635	92	263446	20.285	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	158671	20.685	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	172625	21.112	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	112088	21.906	ug/l	96
56) Ethyl methacrylate	10.882	69	149082	20.843	ug/l	89
57) 1,3-Dichloropropane	11.171	76	180713	20.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	267987	105.133	ug/l	92
59) 2-Hexanone	11.200	43	443900	108.172	ug/l	90
60) Dibromochloromethane	11.365	129	121190	21.454	ug/l	99
61) 1,2-Dibromoethane	11.476	107	111414	21.137	ug/l	98
64) Tetrachloroethene	11.112	164	98466	20.074	ug/l	99
65) Chlorobenzene	11.900	112	282924	19.400	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	109272	19.477	ug/l	96
67) Ethyl Benzene	11.970	91	487437	19.773	ug/l	99
68) m/p-Xylenes	12.076	106	371521	40.762	ug/l	100
69) o-Xylene	12.406	106	180049	19.558	ug/l	97
70) Styrene	12.418	104	289268	20.085	ug/l	98
71) Bromoform	12.582	173	78086	20.551	ug/l #	98
73) Isopropylbenzene	12.700	105	446228	18.258	ug/l	99
74) N-amyl acetate	12.500	43	156894	18.628	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	157097	21.232	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	123664m	19.670	ug/l	
77) Bromobenzene	12.988	156	110871	19.932	ug/l	95
78) n-propylbenzene	13.041	91	490728	18.775	ug/l	99
79) 2-Chlorotoluene	13.129	91	320695	18.732	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	366315	18.970	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41799	17.472	ug/l #	79
82) 4-Chlorotoluene	13.229	91	300285	18.802	ug/l	98
83) tert-Butylbenzene	13.441	119	302660	18.461	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	366876	19.560	ug/l	99
85) sec-Butylbenzene	13.623	105	390198	18.830	ug/l	100
86) p-Isopropyltoluene	13.735	119	315626	18.968	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	178141	18.987	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	170193	18.009	ug/l	98
89) n-Butylbenzene	14.064	91	229016	19.236	ug/l	98
90) Hexachloroethane	14.335	117	61254	19.531	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	178873	19.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24408	19.698	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	47876	16.066	ug/l	94
94) Hexachlorobutadiene	15.506	225	32539	18.500	ug/l	99
95) Naphthalene	15.653	128	144776	14.211	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	57089	16.661	ug/l	98

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ClientSampleId :
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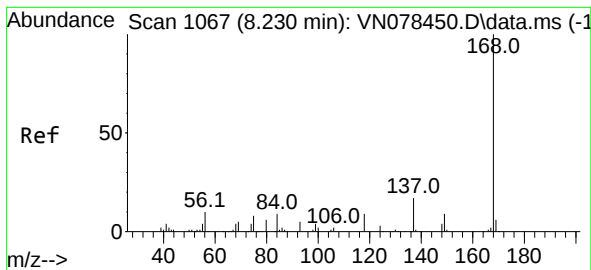
Manual Integrations
APPROVED

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Response via : Initial Calibration

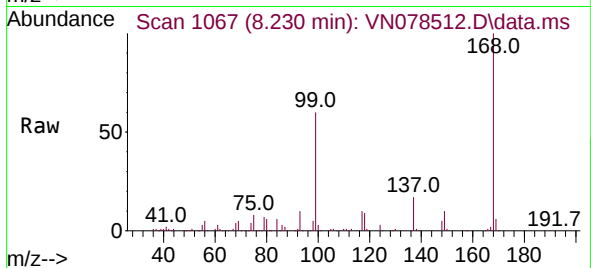
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

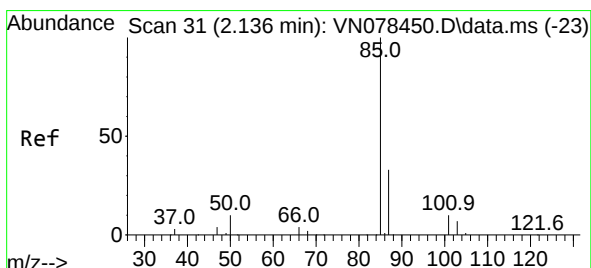
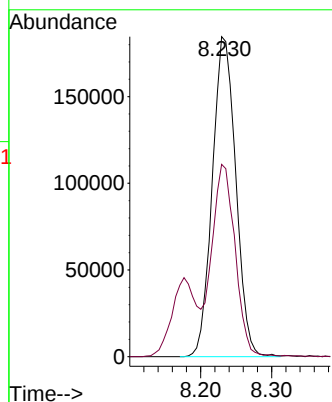
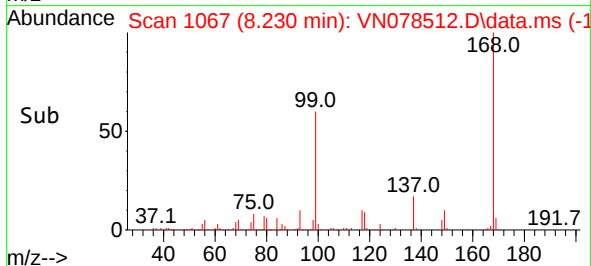
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion:168 Resp: 423054
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6

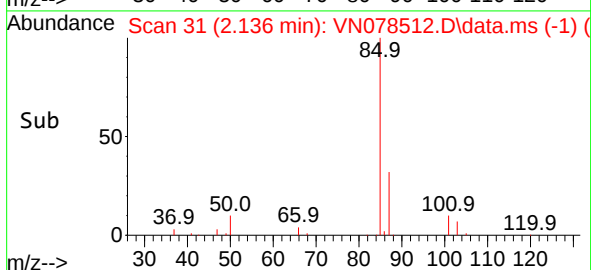
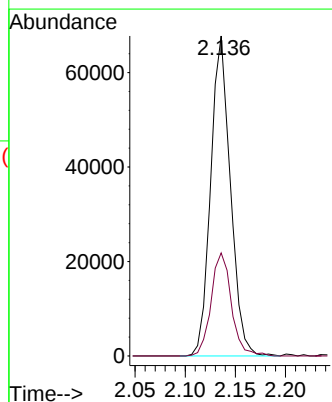
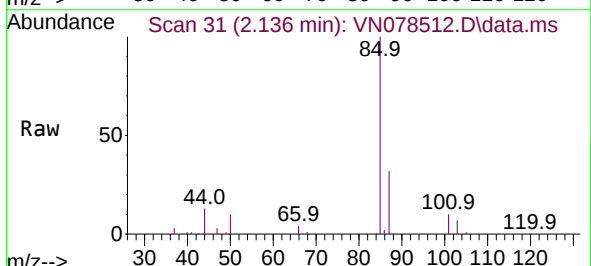
Manual Integrations
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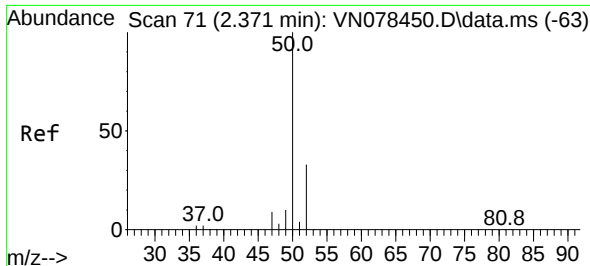
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 17.882 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

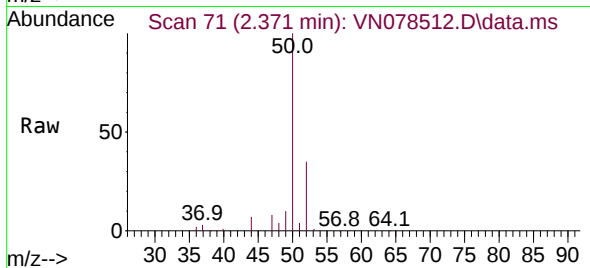
Tgt Ion: 85 Resp: 92754
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 20.857 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

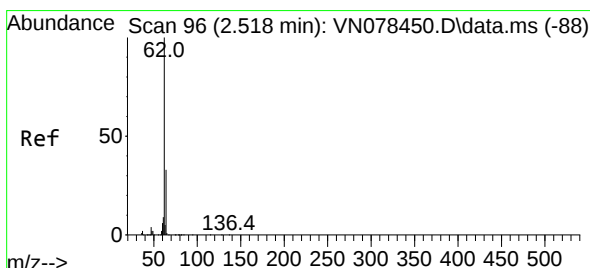
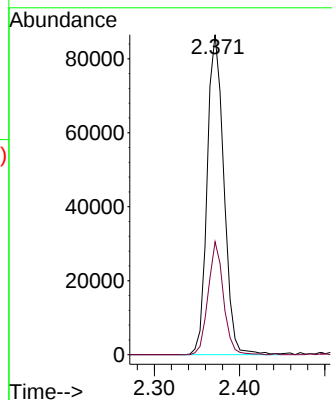
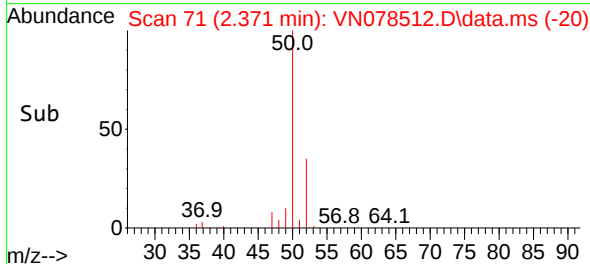
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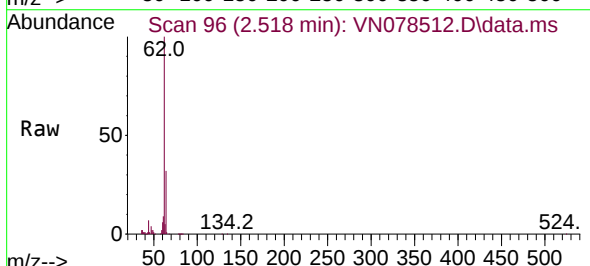
Tgt Ion: 50 Resp: 11758
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7

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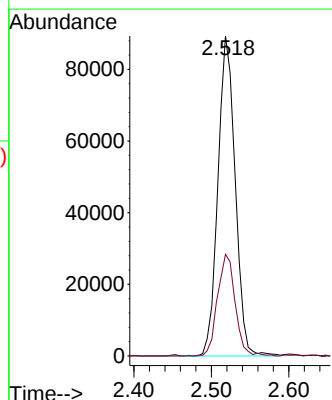
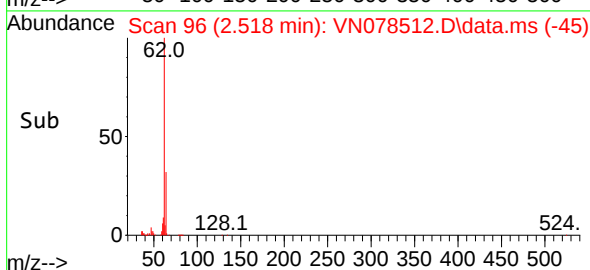
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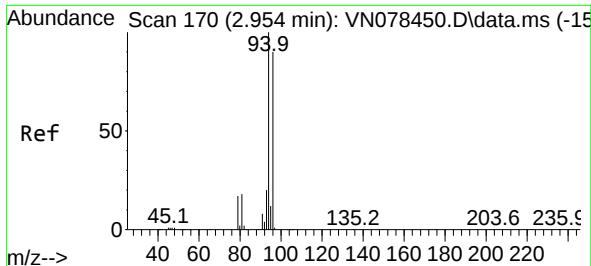


#4
Vinyl Chloride
Concen: 18.981 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



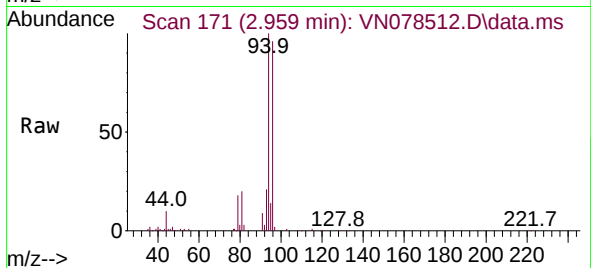
Tgt Ion: 62 Resp: 138428
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 19.043 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

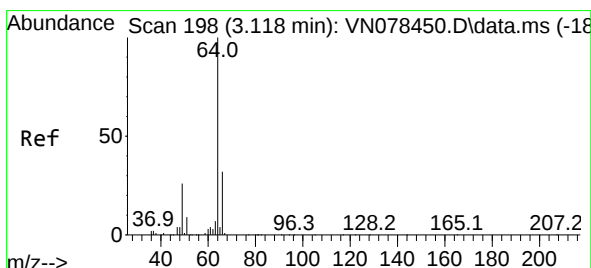
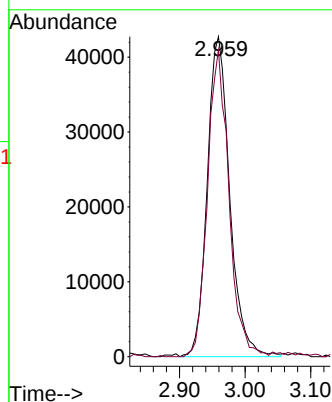
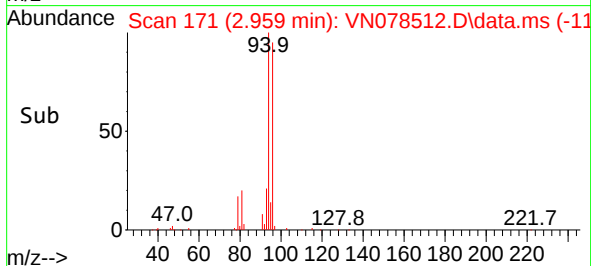
Instrument :
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Tgt Ion: 94 Resp: 10204
Ion Ratio Lower Upper
94 100
96 95.9 73.1 109.7

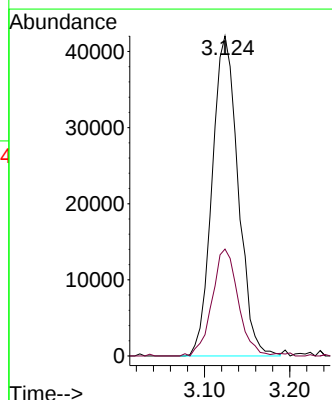
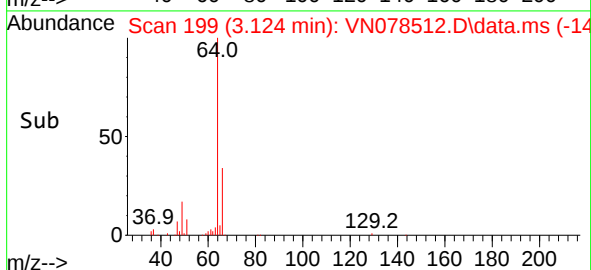
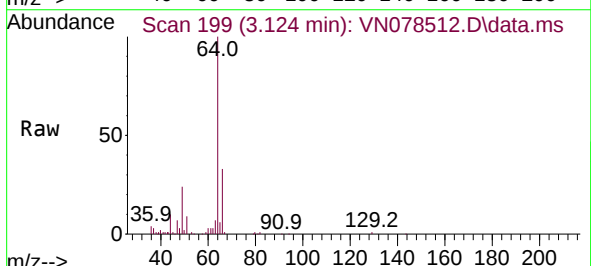
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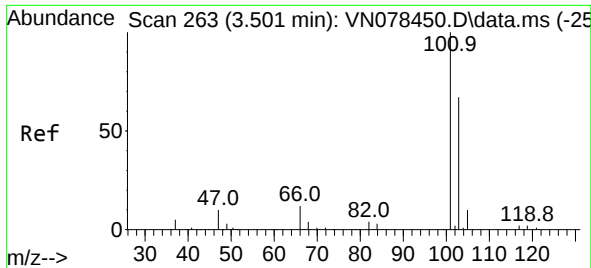
Reviewed By :John Carlone 07/17/2023
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#6
Chloroethane
Concen: 19.022 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078512.D
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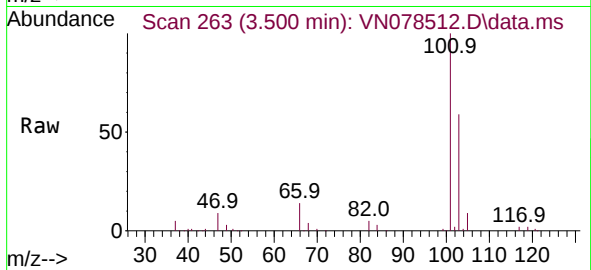
Tgt Ion: 64 Resp: 89168
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.191 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.001 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07

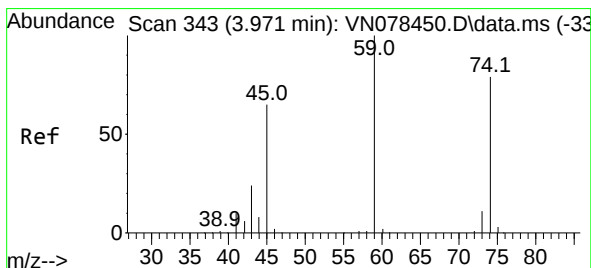
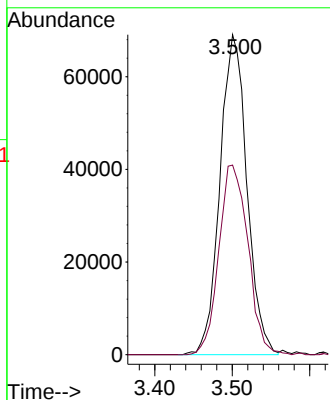
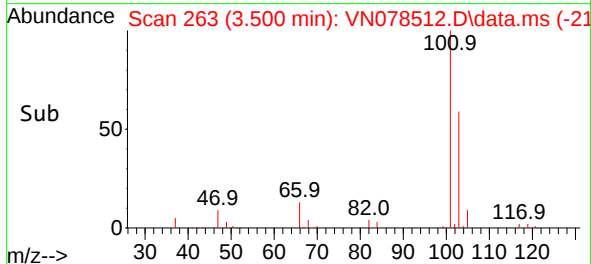
Instrument :
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Tgt Ion:101 Resp: 167304
 Ion Ratio Lower Upper
 101 100
 103 59.3 50.7 76.1

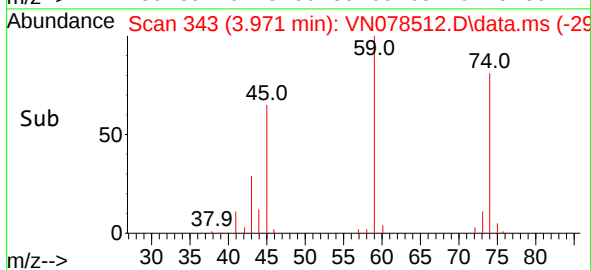
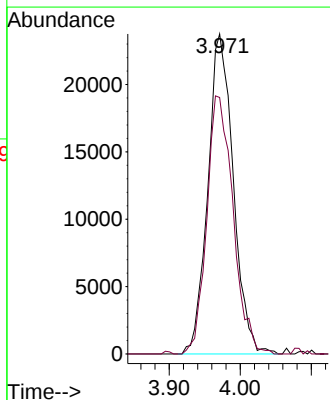
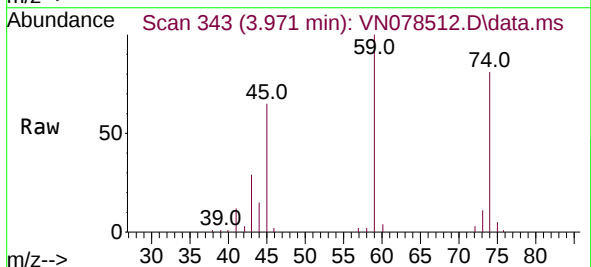
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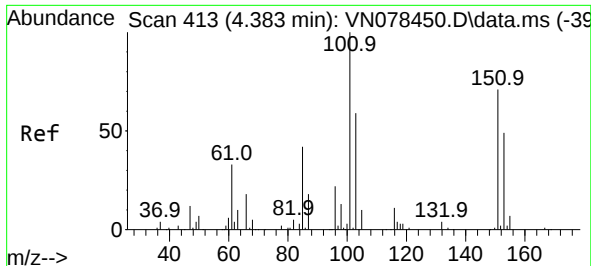
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#8
 Diethyl Ether
 Concen: 20.316 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078512.D
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Tgt Ion: 74 Resp: 59010
 Ion Ratio Lower Upper
 74 100
 45 83.5 34.4 103.3





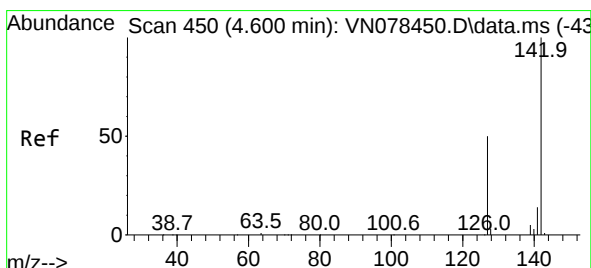
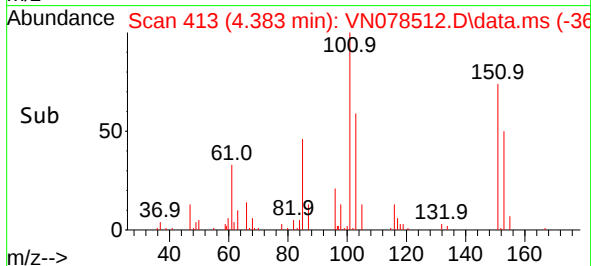
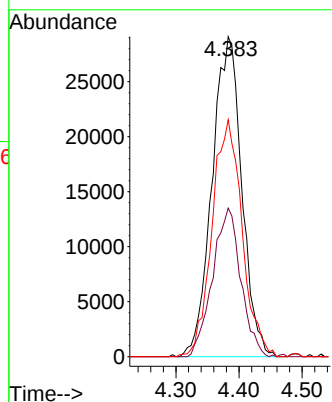
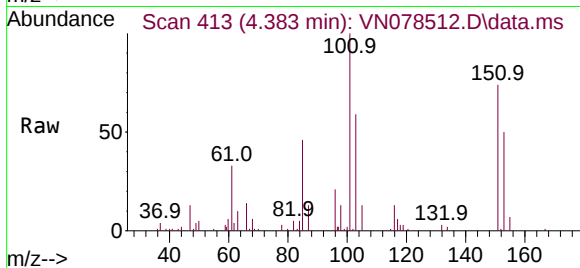
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.596 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

Tgt Ion:101 Resp: 9504
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 74.7 57.6 86.4

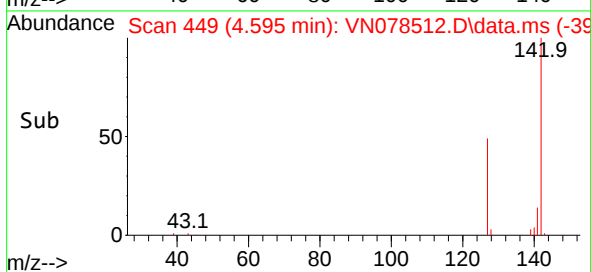
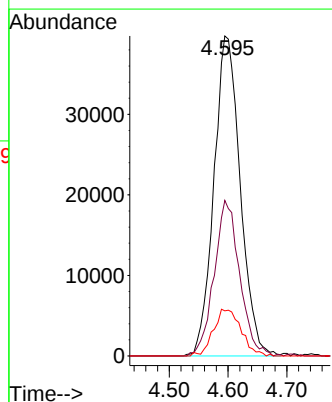
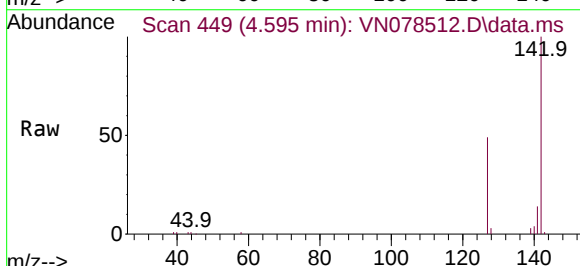
Manual Integrations
APPROVED

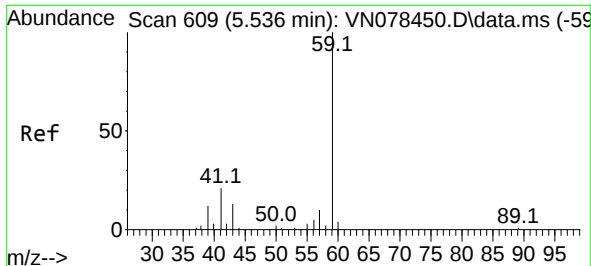
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 19.502 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

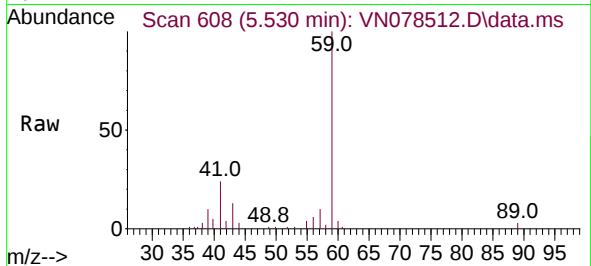
Tgt Ion:142 Resp: 123673
Ion Ratio Lower Upper
142 100
127 48.6 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 101.070 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

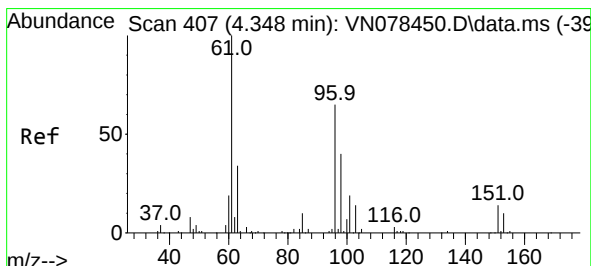
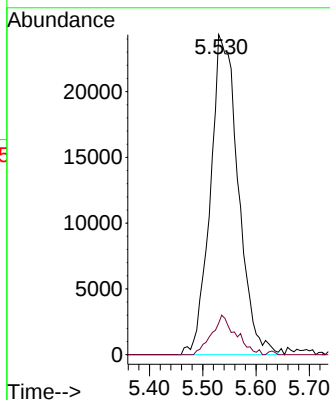
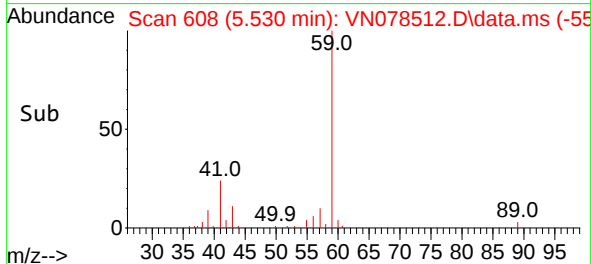
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 59 Resp: 88392
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

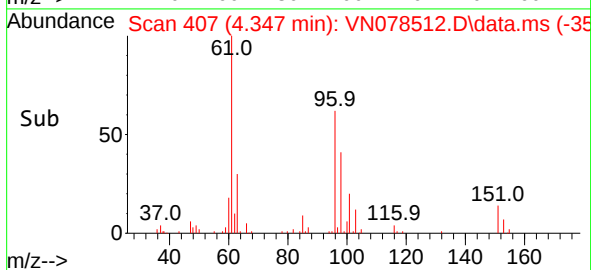
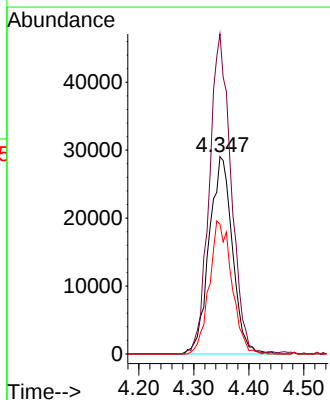
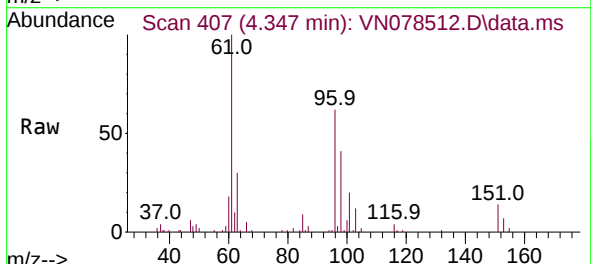
Manual Integrations
APPROVED

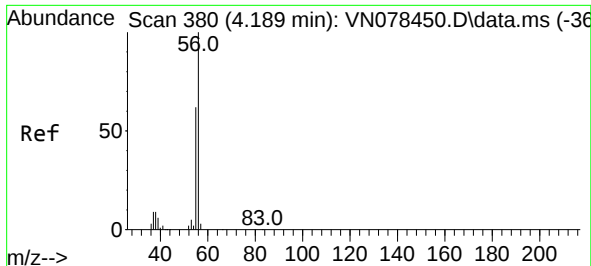
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 19.111 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

Tgt Ion: 96 Resp: 85313
Ion Ratio Lower Upper
96 100
61 162.2 112.7 169.1
98 65.8 51.2 76.8





#13

Acrolein

Concen: 109.431 ug/l

RT: 4.189 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 56 Resp: 94160

Ion Ratio Lower Upper

56 100

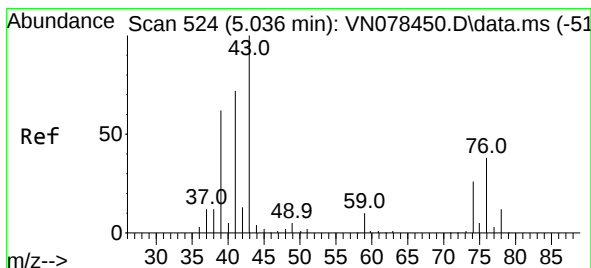
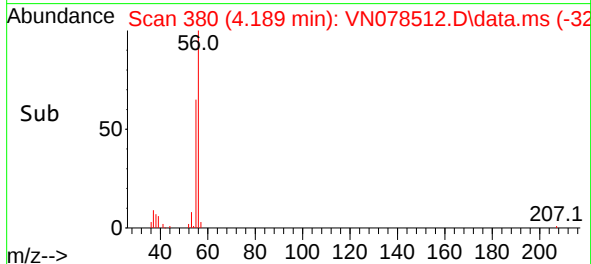
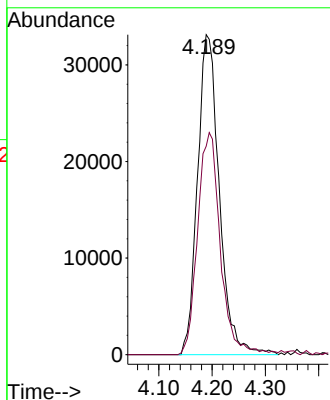
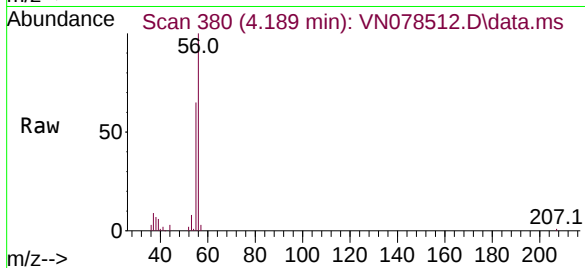
55 72.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#14

Allyl chloride

Concen: 18.479 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

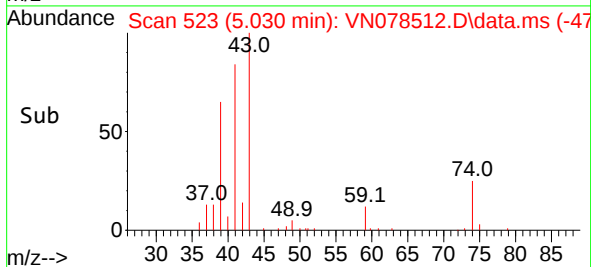
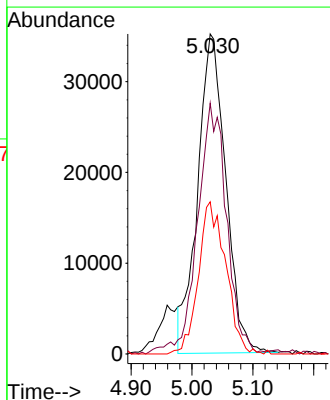
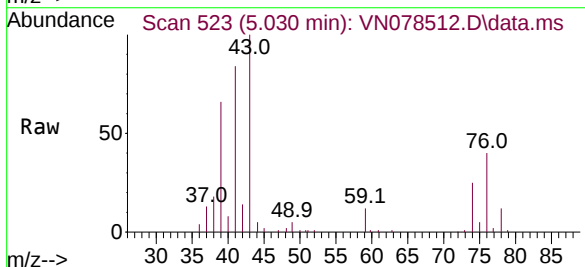
Tgt Ion: 41 Resp: 112717

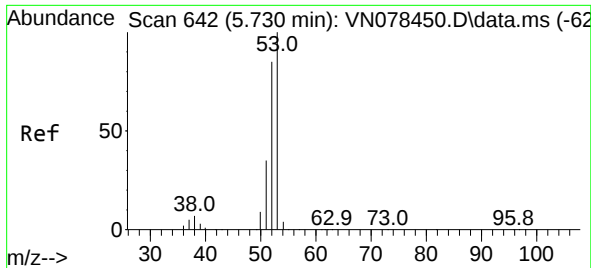
Ion Ratio Lower Upper

41 100

39 81.4 58.8 88.2

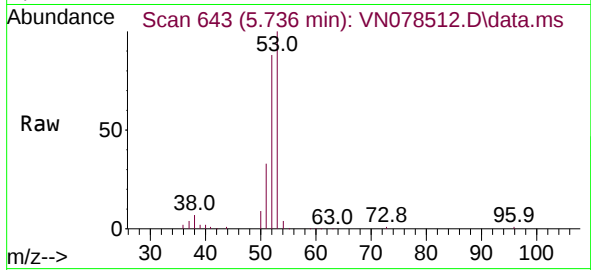
76 46.3 39.1 58.7





#15
Acrylonitrile
Concen: 106.269 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

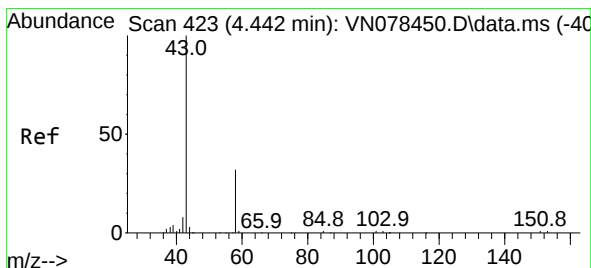
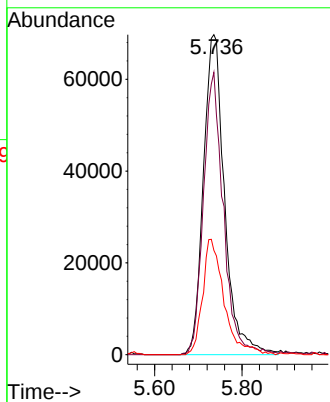
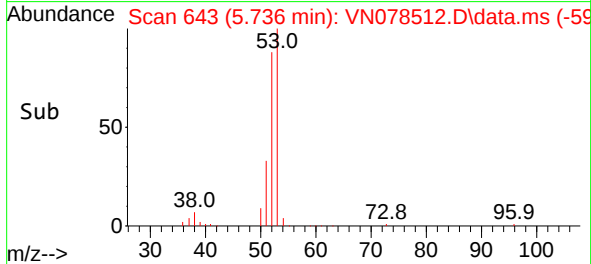
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 53 Resp: 234820
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.6 28.9 43.3

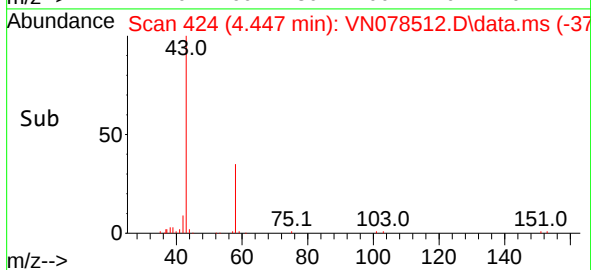
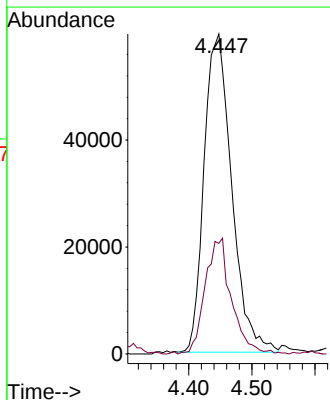
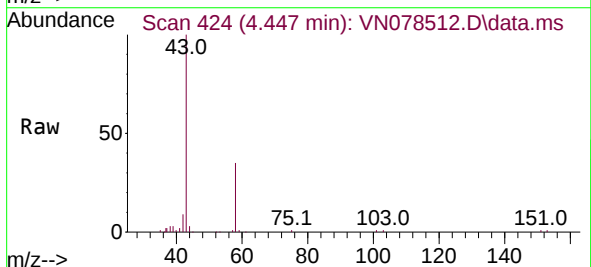
Manual Integrations
APPROVED

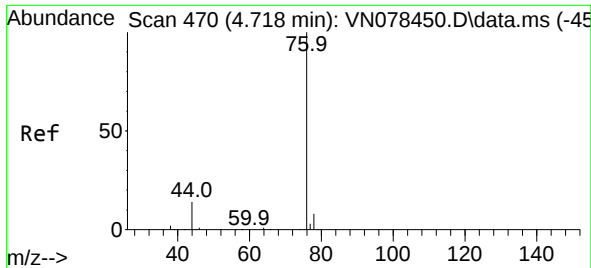
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 102.476 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

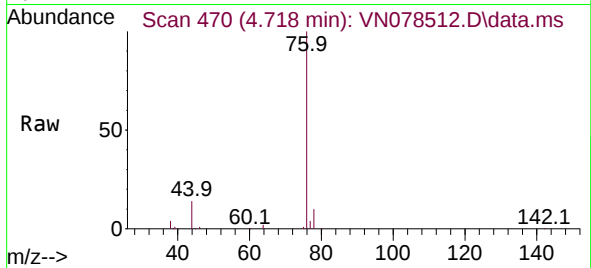
Tgt Ion: 43 Resp: 181041
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0





#17
Carbon Disulfide
Concen: 16.963 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

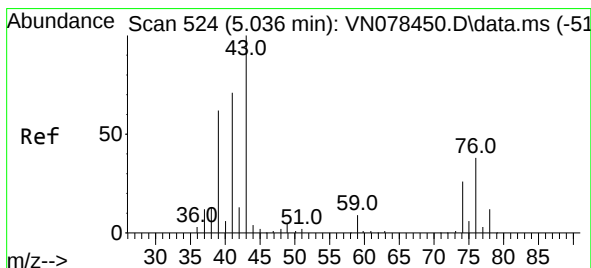
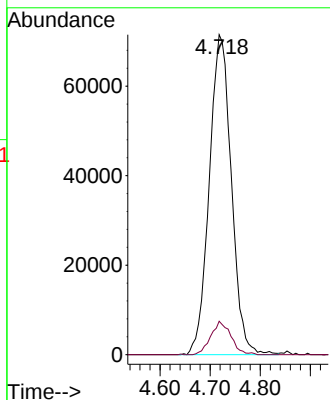
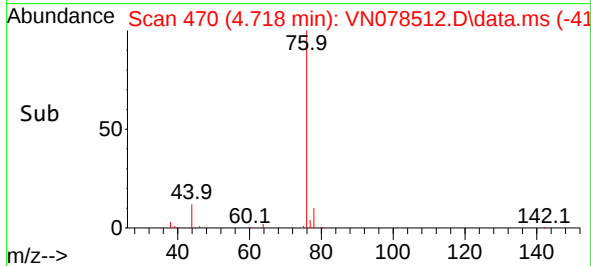
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 76 Resp: 21896
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0

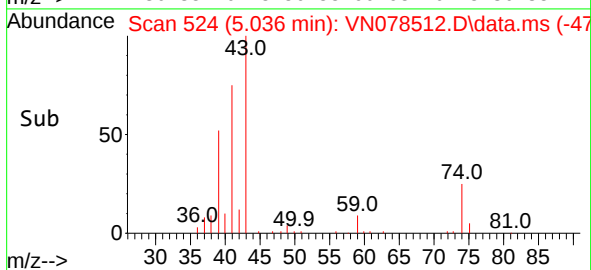
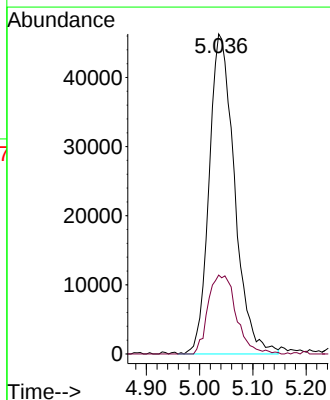
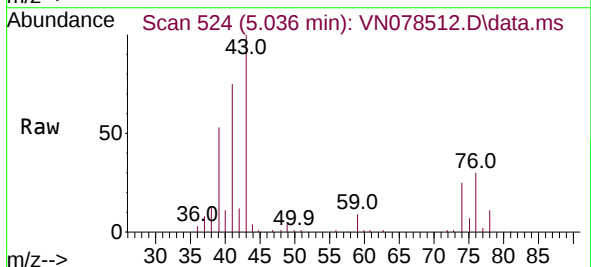
Manual Integrations
APPROVED

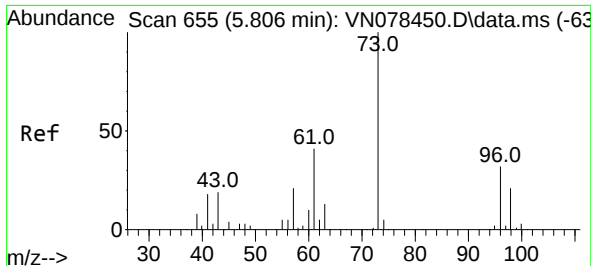
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
Methyl Acetate
Concen: 20.460 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

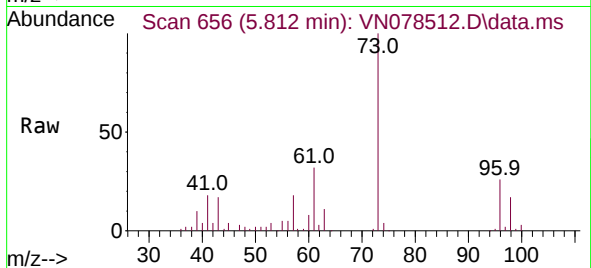
Tgt Ion: 43 Resp: 153014
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.896 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

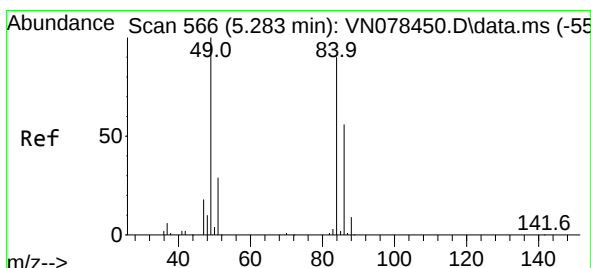
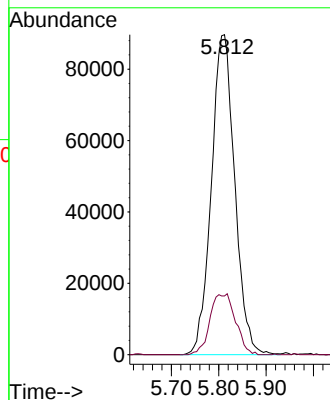
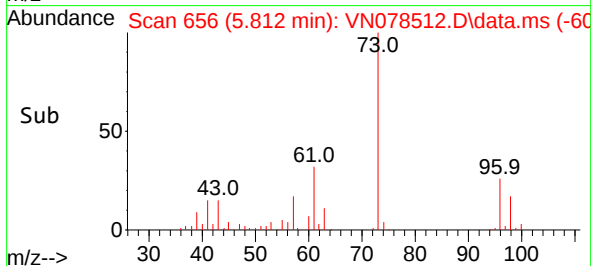
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 73 Resp: 307330
Ion Ratio Lower Upper
73 100
57 18.3 15.6 23.4

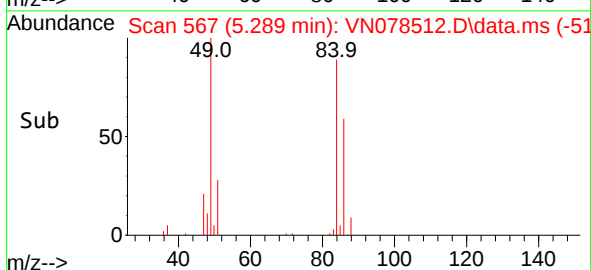
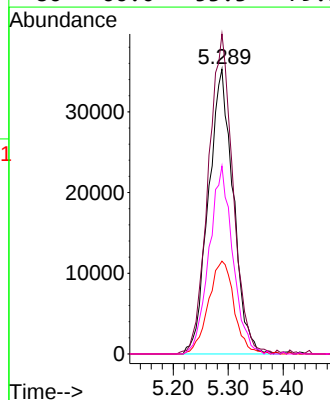
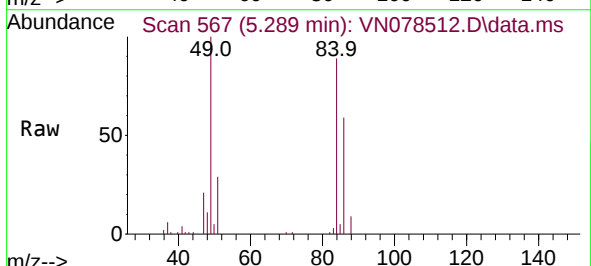
Manual Integrations
APPROVED

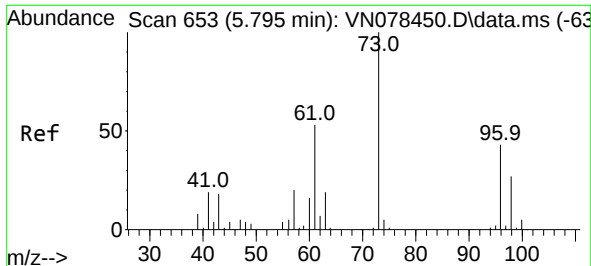
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 21.045 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

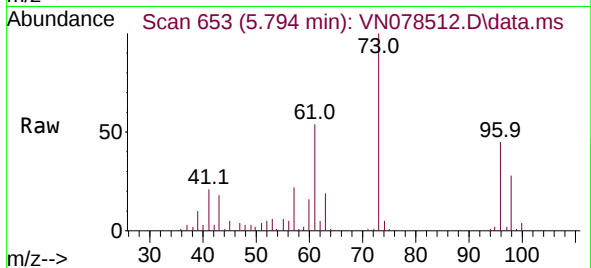
Tgt Ion: 84 Resp: 110233
Ion Ratio Lower Upper
84 100
49 111.8 79.7 119.5
51 32.6 25.2 37.8
86 66.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.398 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

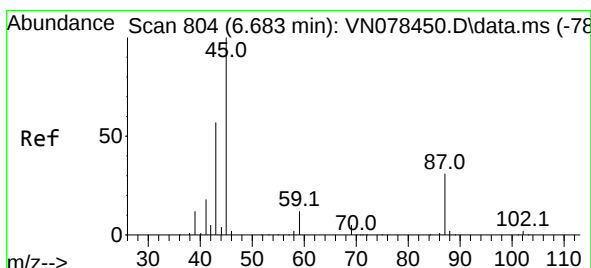
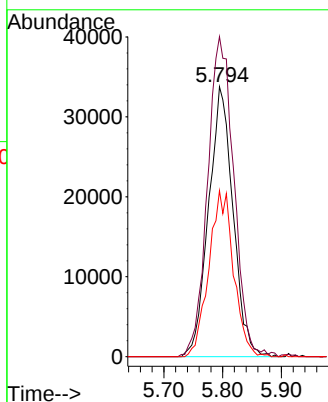
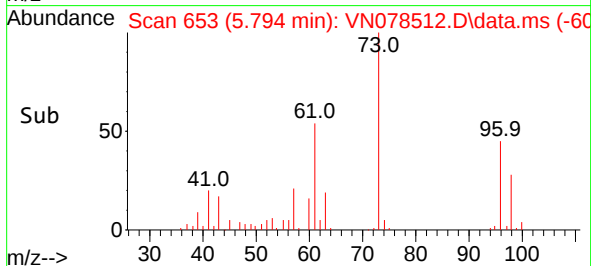
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 96 Resp: 9758
Ion Ratio Lower Upper
96 100
61 118.6 90.1 135.1
98 61.5 46.4 69.6

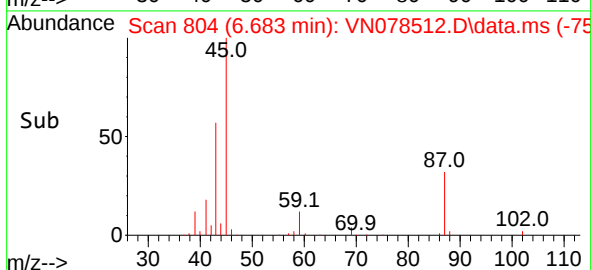
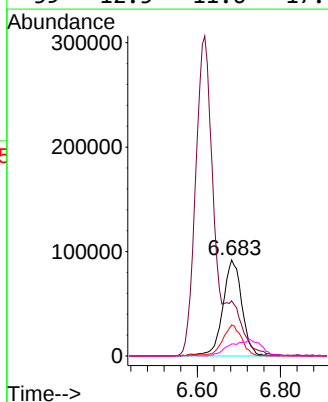
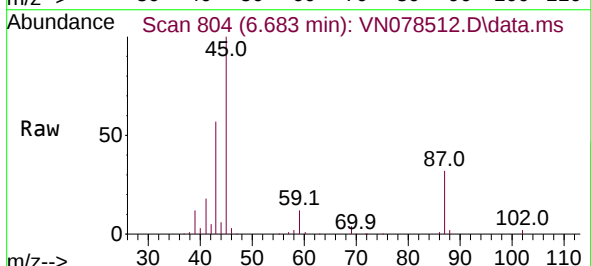
Manual Integrations
APPROVED

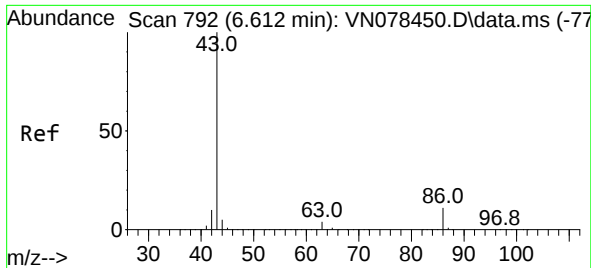
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#22
Diisopropyl ether
Concen: 21.320 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

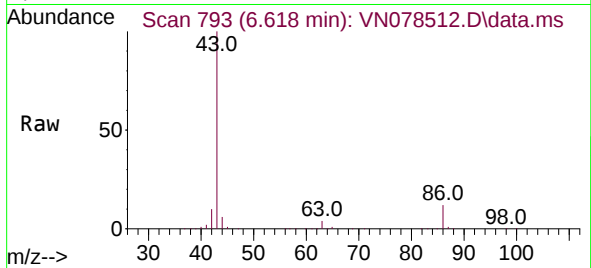
Tgt Ion: 45 Resp: 291200
Ion Ratio Lower Upper
45 100
43 57.0 45.5 68.3
87 32.3 31.8 47.8
59 12.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 102.326 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07

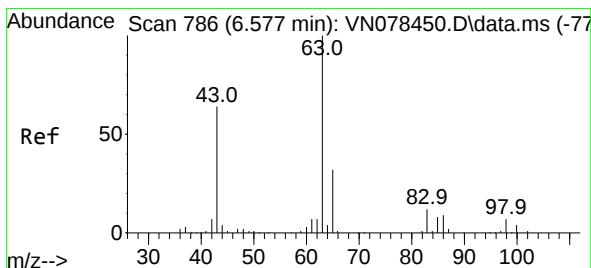
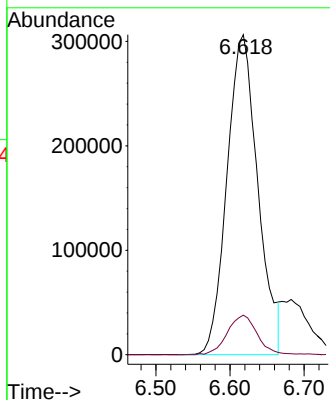
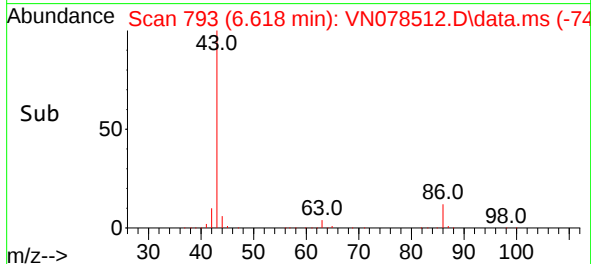
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01



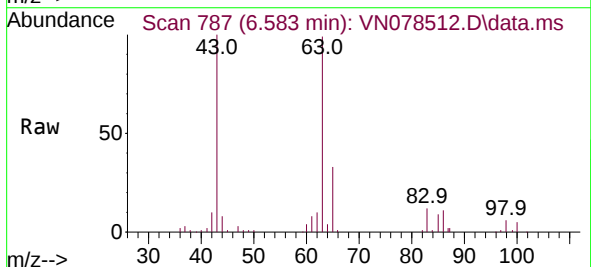
Tgt Ion: 43 Resp: 888508
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

Manual Integrations
 APPROVED

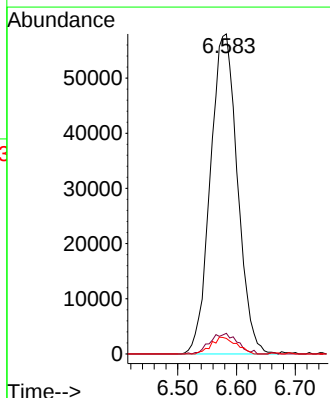
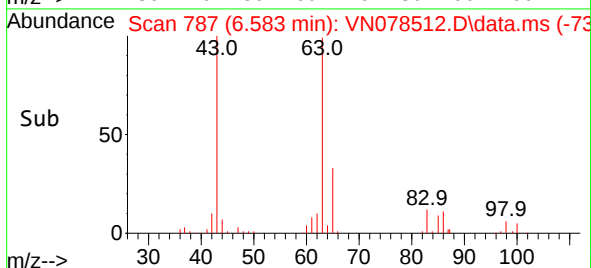
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

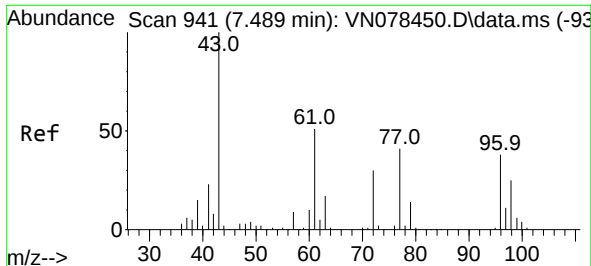


#24
 1,1-Dichloroethane
 Concen: 20.163 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07



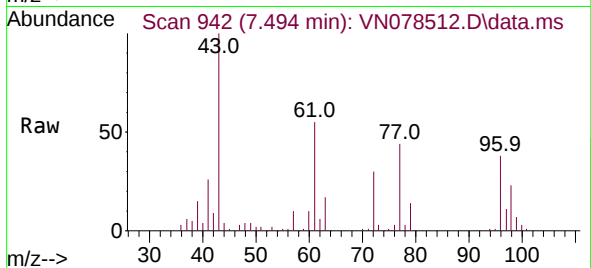
Tgt Ion: 63 Resp: 185565
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 105.667 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

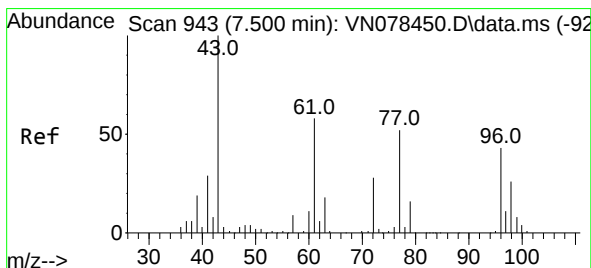
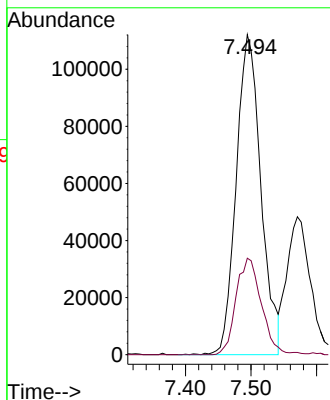
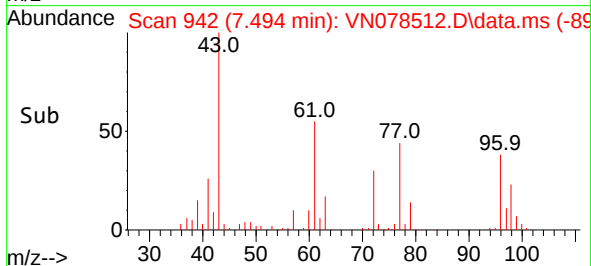
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 43 Resp: 29385
Ion Ratio Lower Upper
43 100
72 30.2 30.2 45.2

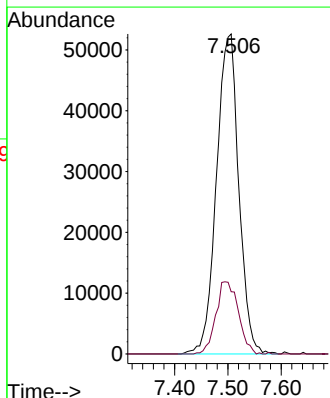
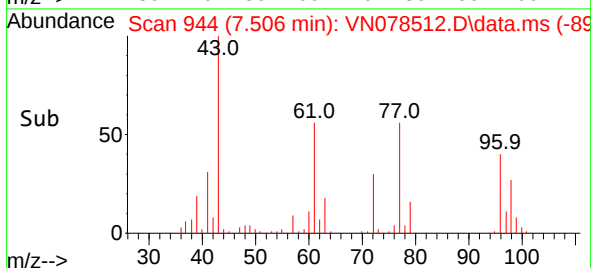
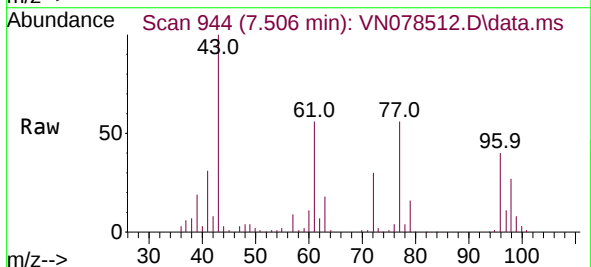
Manual Integrations
APPROVED

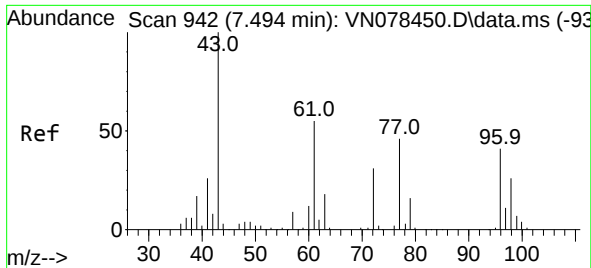
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#26
2,2-Dichloropropane
Concen: 20.343 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

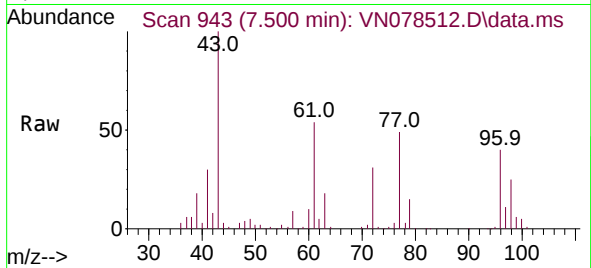
Tgt Ion: 77 Resp: 153132
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.913 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07

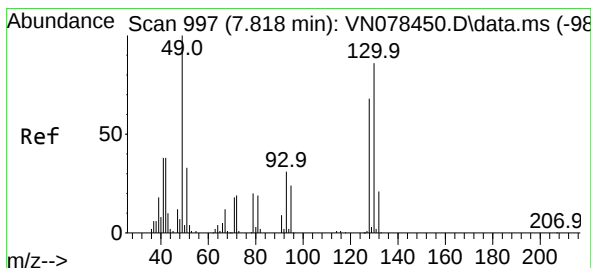
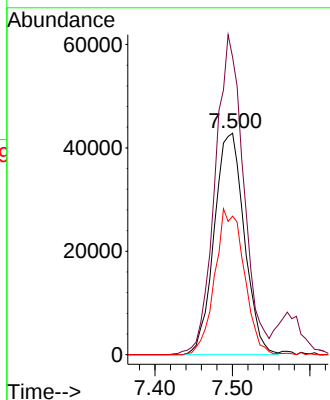
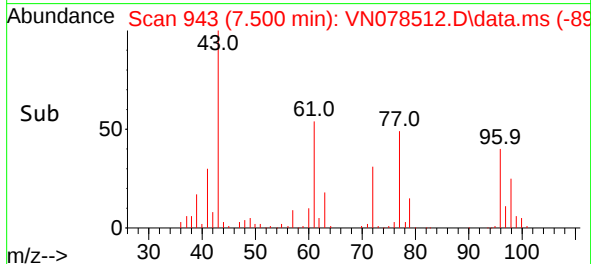
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01



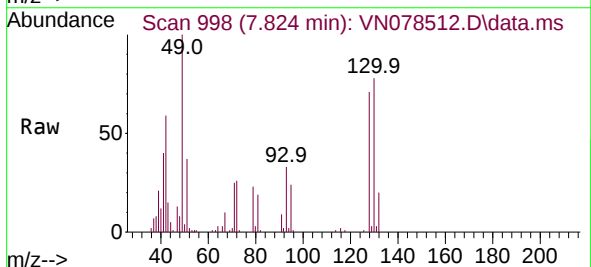
Tgt Ion: 96 Resp: 11588
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 255.2
 98 64.0 0.0 128.8

Manual Integrations
 APPROVED

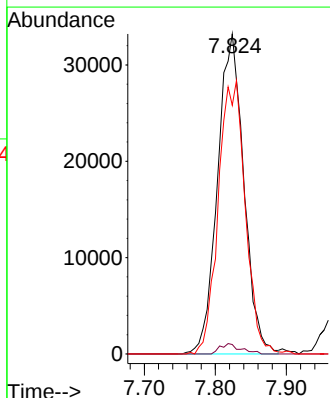
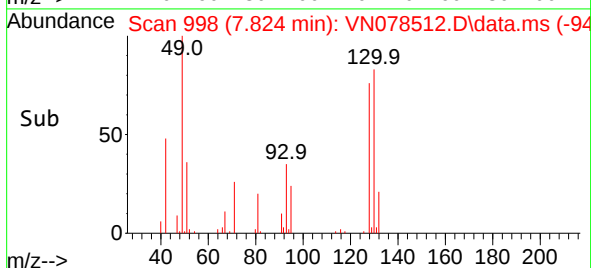
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

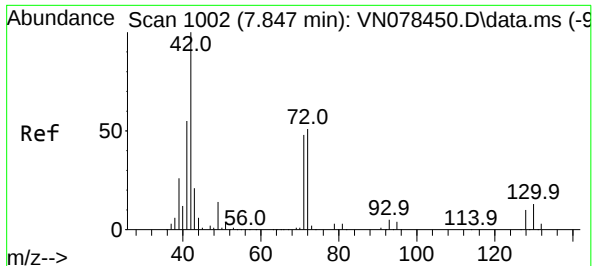


#28
 Bromochloromethane
 Concen: 19.690 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07



Tgt Ion: 49 Resp: 85355
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 87.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 102.013 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078512.D

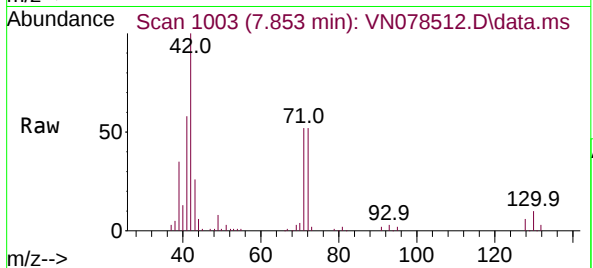
Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01



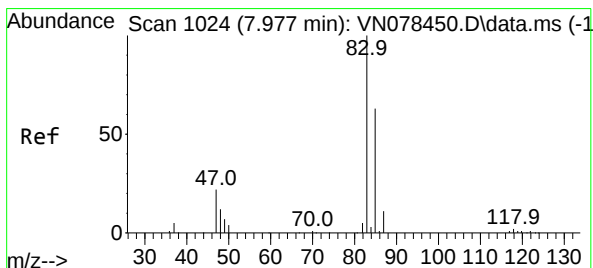
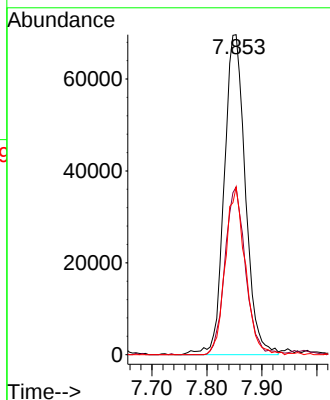
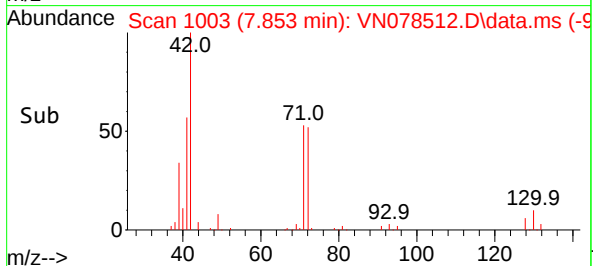
Tgt Ion:	42	Resp:	18615
Ion Ratio	100	Lower	Upper
42	100		
72	51.0	49.8	74.6
71	49.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 20.959 ug/l

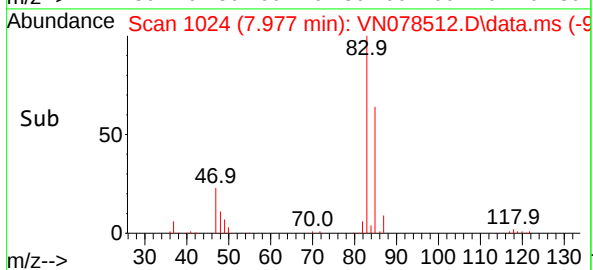
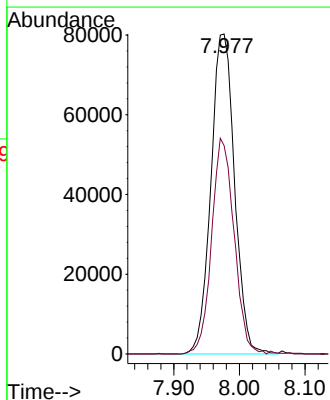
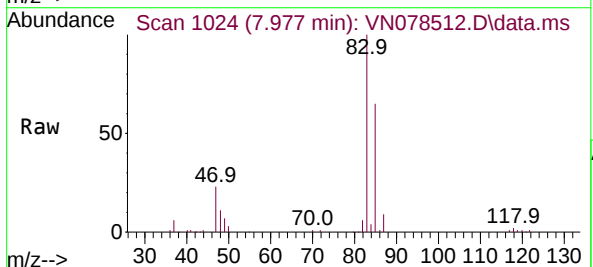
RT: 7.977 min Scan# 1024

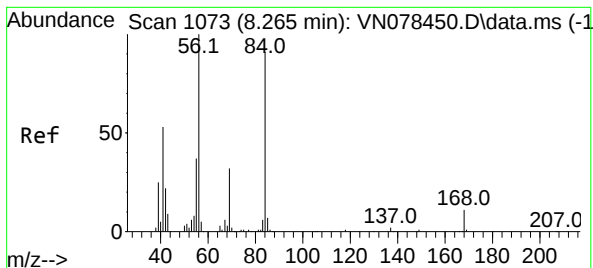
Delta R.T. -0.000 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Tgt Ion:	83	Resp:	200826
Ion Ratio	100	Lower	Upper
83	100		
85	65.1	55.4	83.0





#31

Cyclohexane

Concen: 18.126 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078512.D

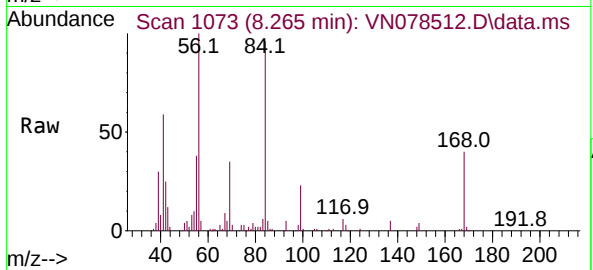
Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01



Tgt Ion: 56 Resp: 13893

Ion Ratio Lower Upper

56 100

69 35.0 26.8 40.2

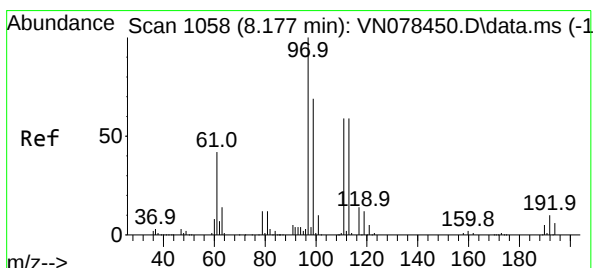
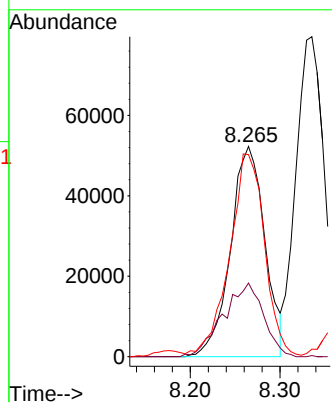
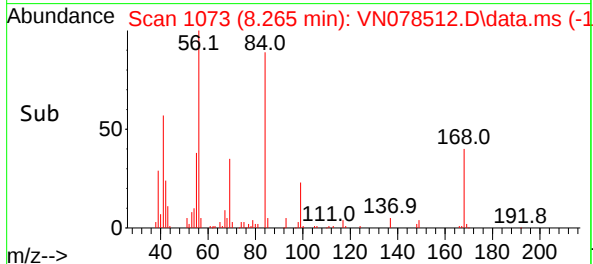
84 94.1 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#32

1,1,1-Trichloroethane

Concen: 20.363 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

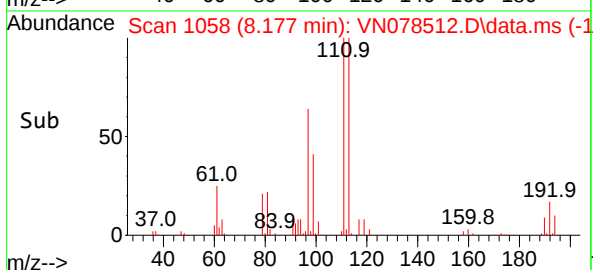
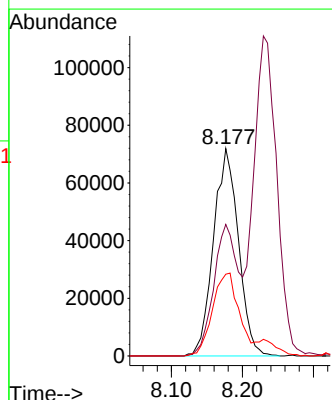
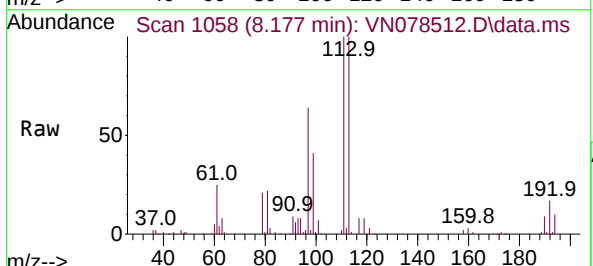
Tgt Ion: 97 Resp: 174931

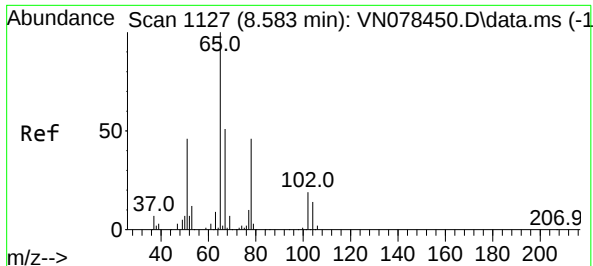
Ion Ratio Lower Upper

97 100

99 62.4 50.3 75.5

61 44.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.644 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 65 Resp: 304239

Ion Ratio Lower Upper

65 100

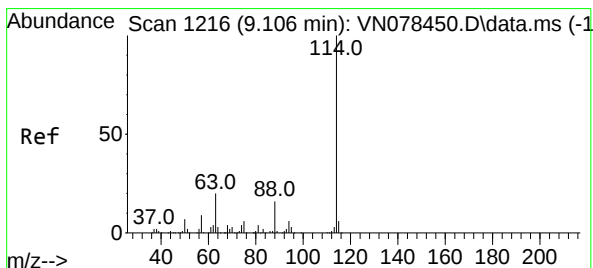
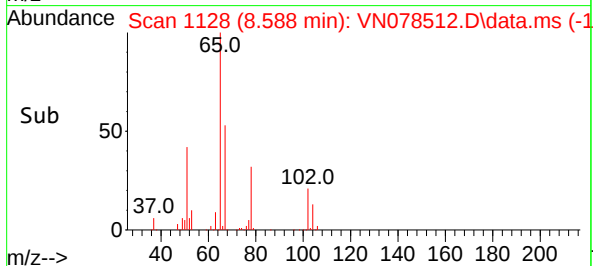
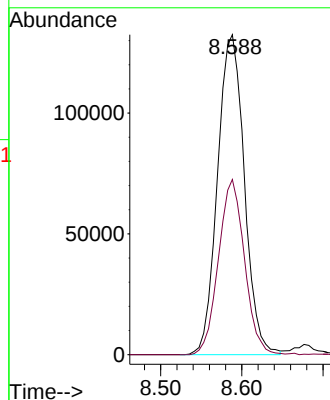
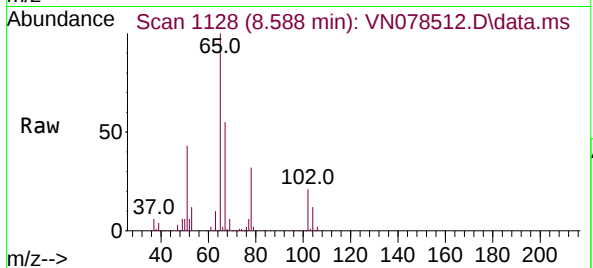
67 53.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

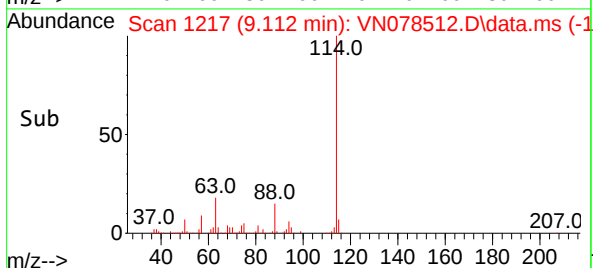
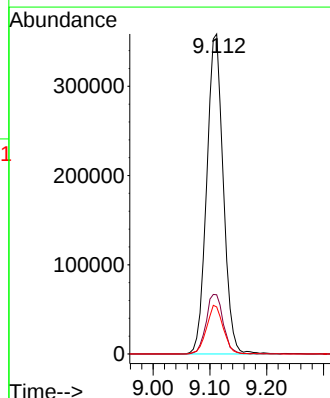
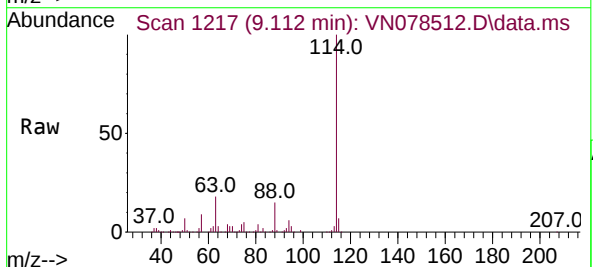
Tgt Ion:114 Resp: 721606

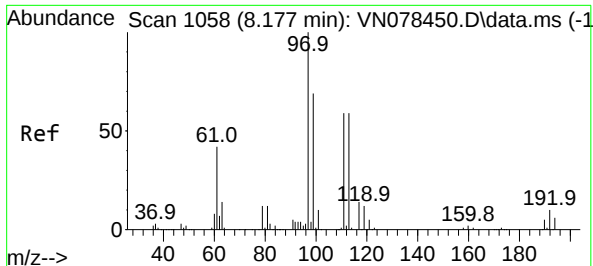
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.993 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion:113 Resp: 26448

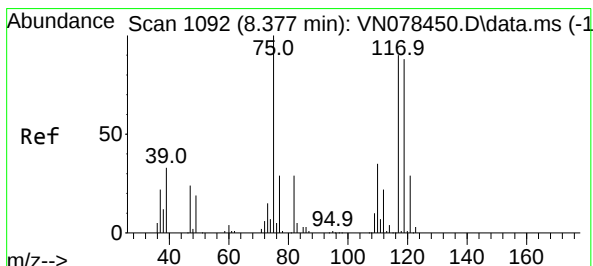
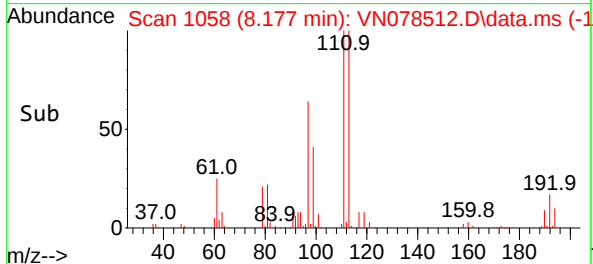
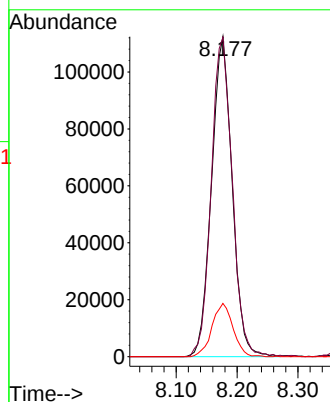
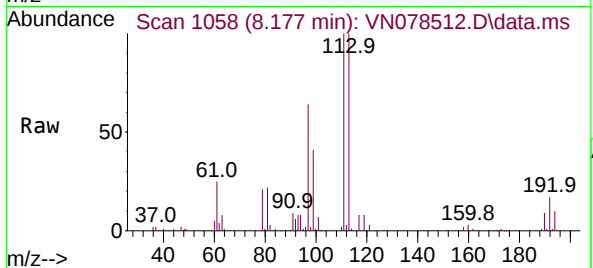
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	17.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 19.317 ug/l

RT: 8.377 min Scan# 1092

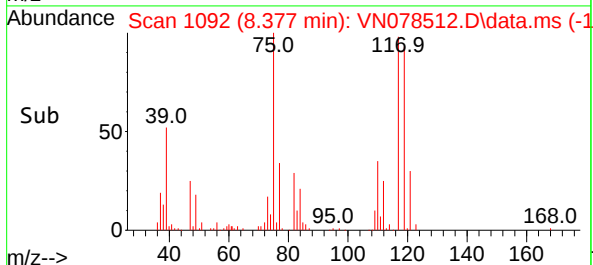
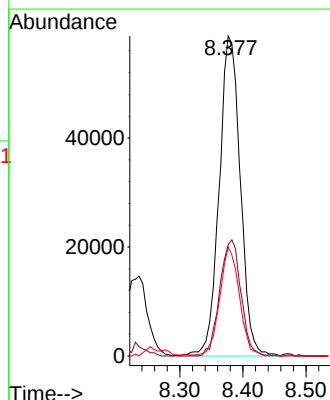
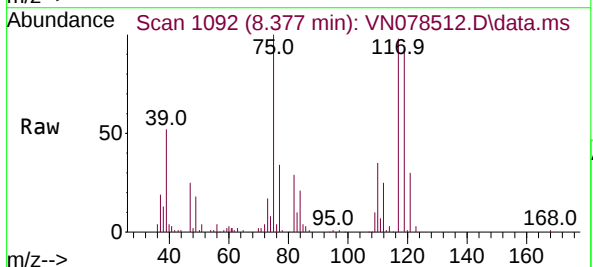
Delta R.T. -0.000 min

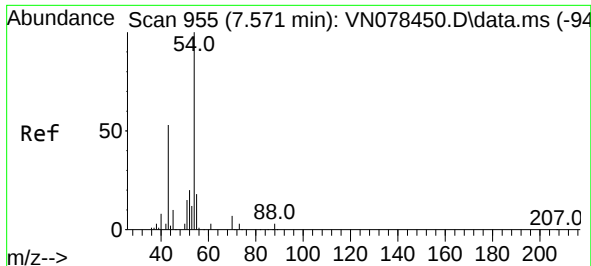
Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Tgt Ion: 75 Resp: 136631

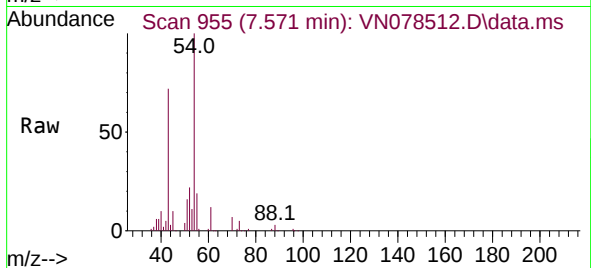
Ion	Ratio	Lower	Upper
75	100		
110	36.3	19.1	57.3
77	31.8	25.0	37.4





#37
Ethyl Acetate
Concen: 20.645 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

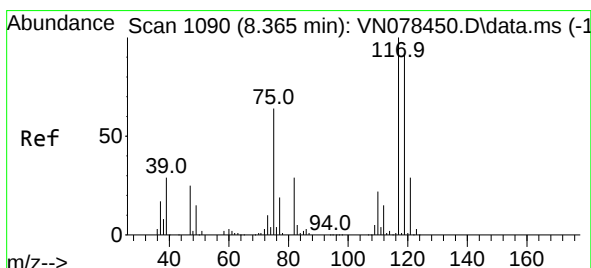
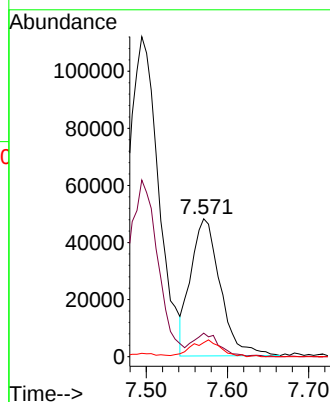
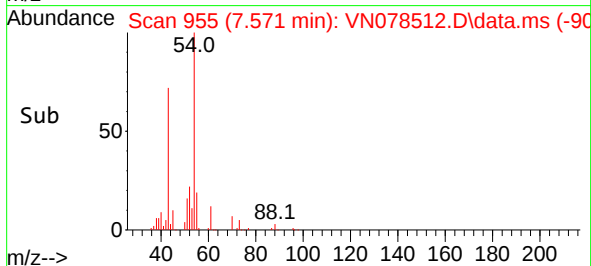
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 43 Resp: 121724
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 10.9 11.3 16.9

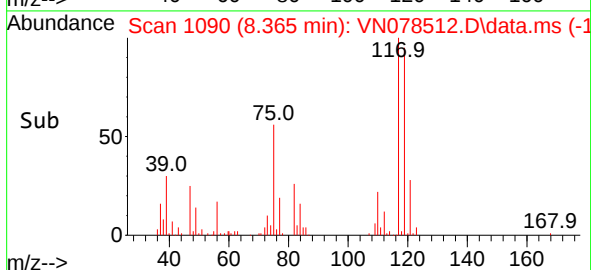
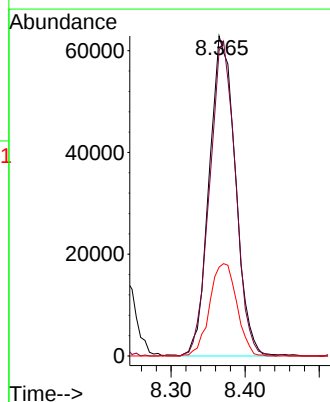
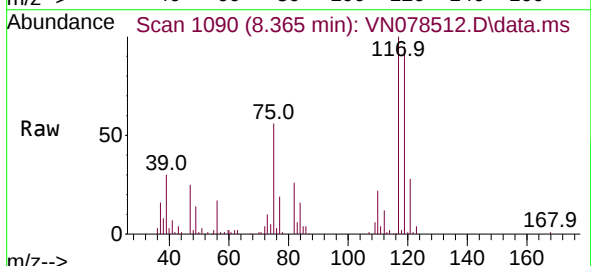
Manual Integrations
APPROVED

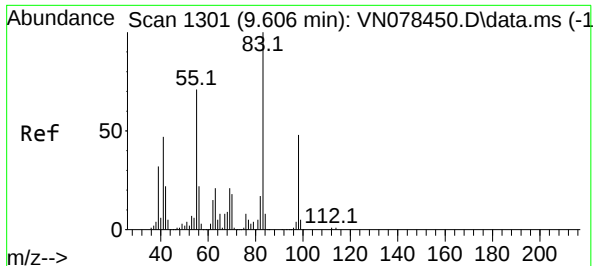
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Carbon Tetrachloride
Concen: 20.098 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

Tgt Ion:117 Resp: 154494
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9
121 27.7 23.3 34.9





#39

Methylcyclohexane

Concen: 19.456 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 83 Resp: 125614

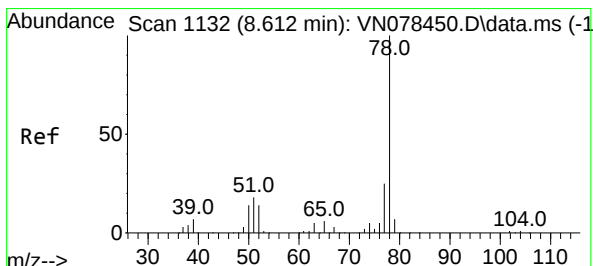
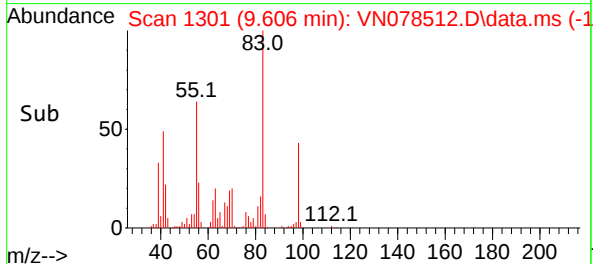
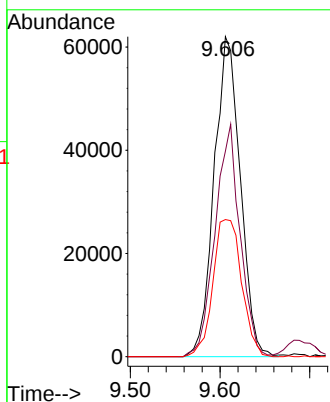
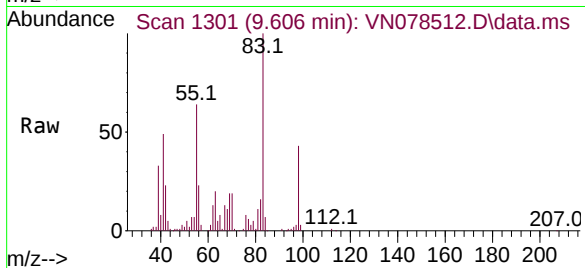
Ion	Ratio	Lower	Upper
83	100		
55	64.2	49.1	73.7
98	42.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

Benzene

Concen: 20.612 ug/l

RT: 8.612 min Scan# 1132

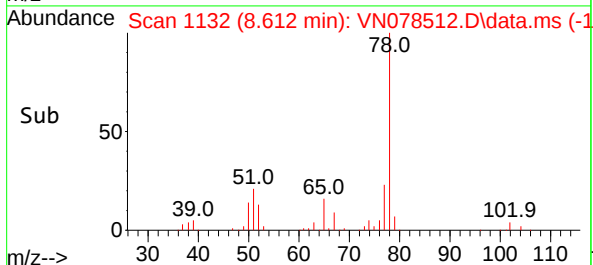
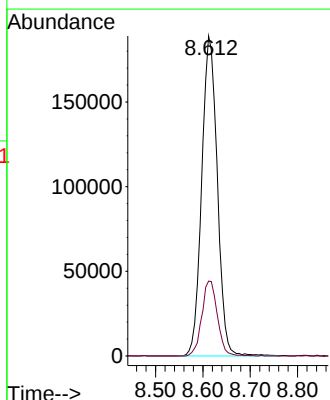
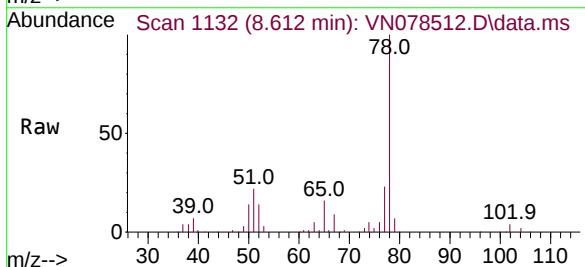
Delta R.T. -0.000 min

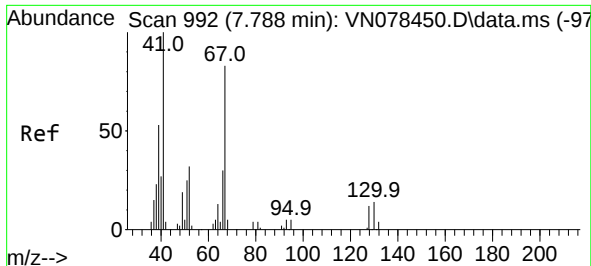
Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Tgt Ion: 78 Resp: 431917

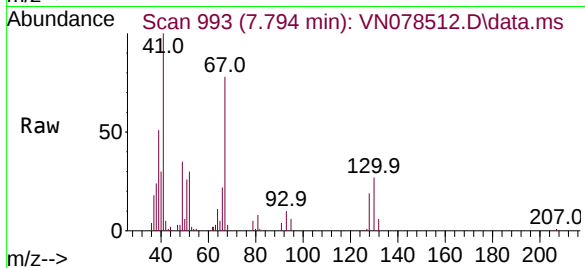
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41
Methacrylonitrile
Concen: 21.724 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

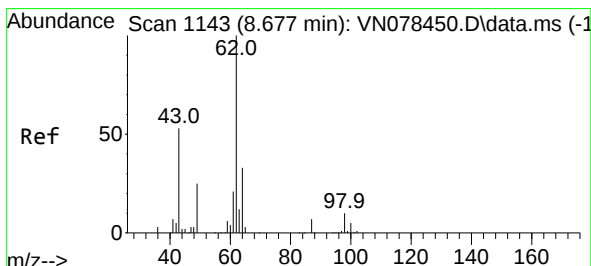
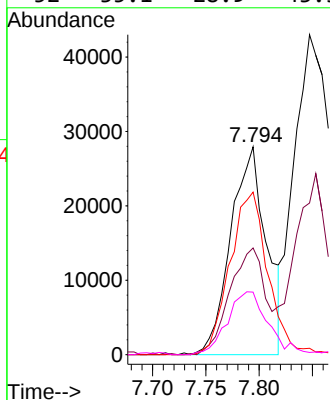
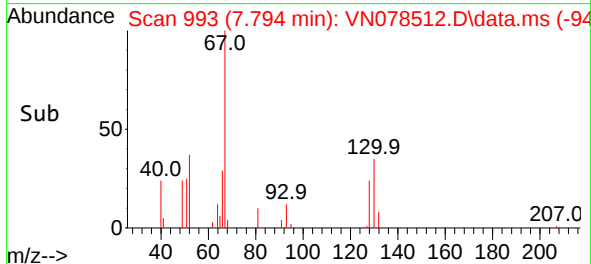
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 41 Resp: 65298
Ion Ratio Lower Upper
41 100
39 50.4 42.6 64.0
67 83.2 77.5 116.3
52 35.1 28.9 43.3

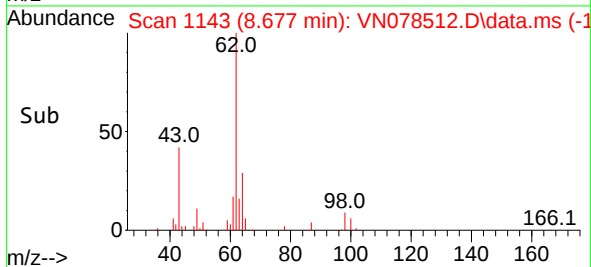
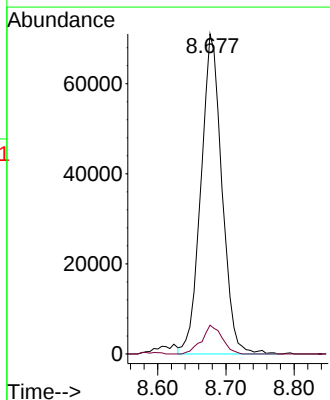
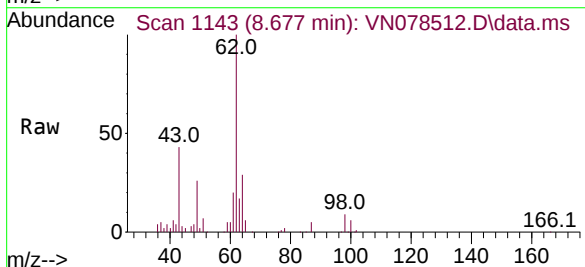
Manual Integrations
APPROVED

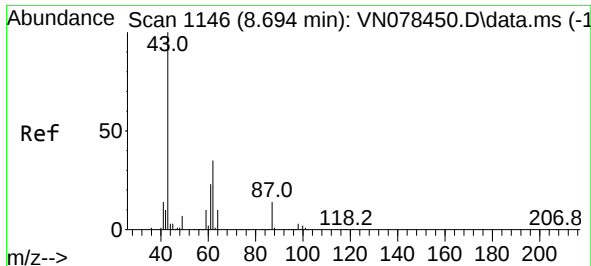
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
1,2-Dichloroethane
Concen: 21.359 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

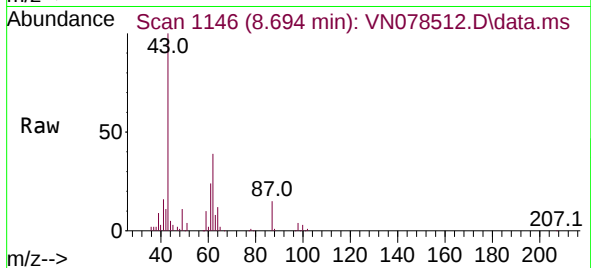
Tgt Ion: 62 Resp: 152233
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 21.422 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

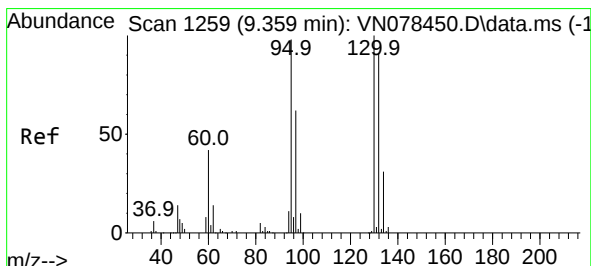
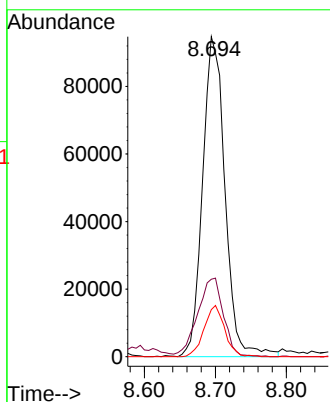
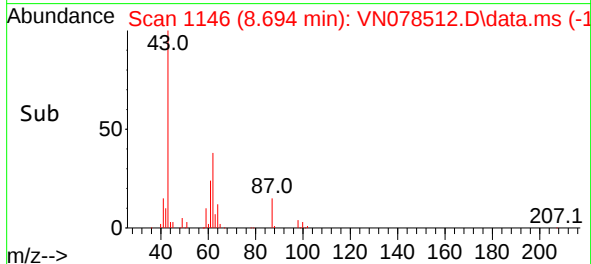
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 43 Resp: 207954
Ion Ratio Lower Upper
43 100
61 28.3 24.7 37.1
87 14.7 14.6 21.8

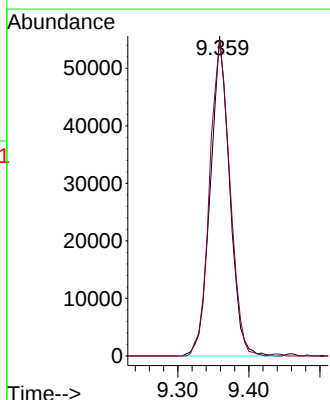
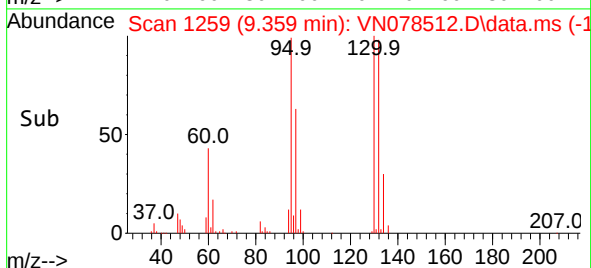
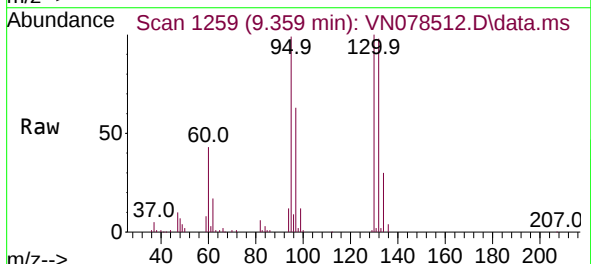
Manual Integrations
APPROVED

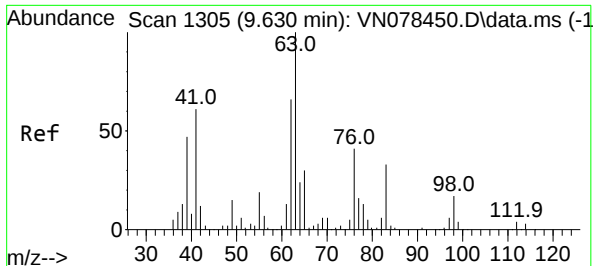
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
Trichloroethene
Concen: 18.471 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

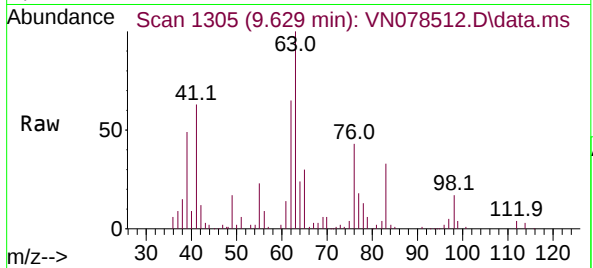
Tgt Ion:130 Resp: 104318
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.6





#45
1,2-Dichloropropane
Concen: 20.639 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

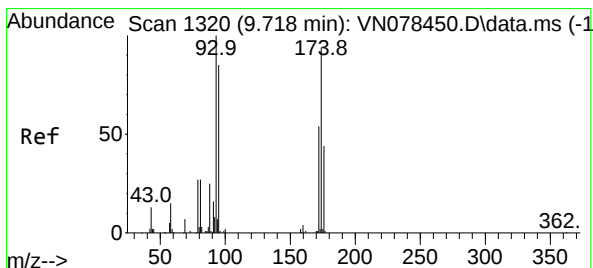
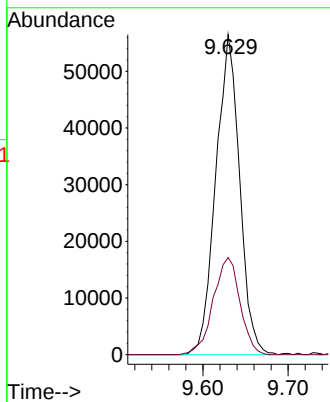
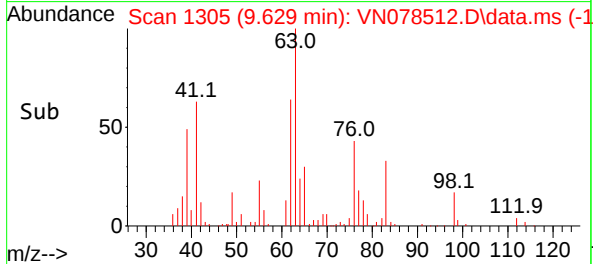
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 63 Resp: 109532
Ion Ratio Lower Upper
63 100
65 30.4 23.9 35.9

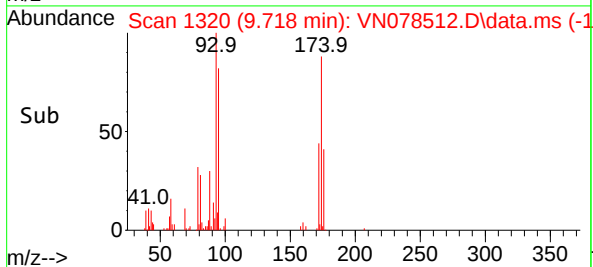
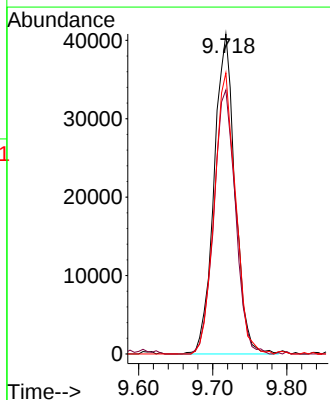
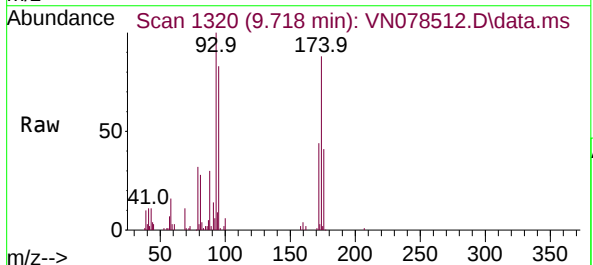
Manual Integrations
APPROVED

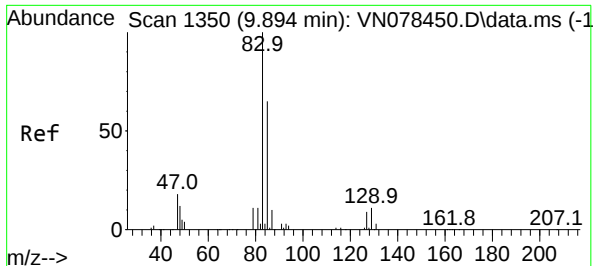
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#46
Dibromomethane
Concen: 21.454 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

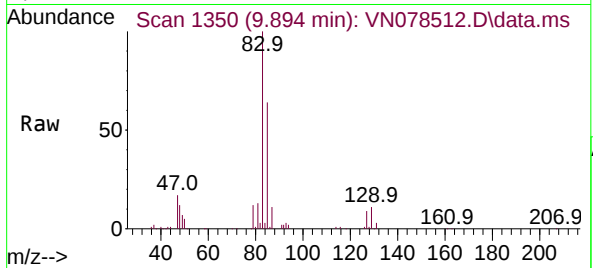
Tgt Ion: 93 Resp: 80137
Ion Ratio Lower Upper
93 100
95 84.9 63.8 95.8
174 89.1 65.6 98.4





#47
Bromodichloromethane
Concen: 21.391 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

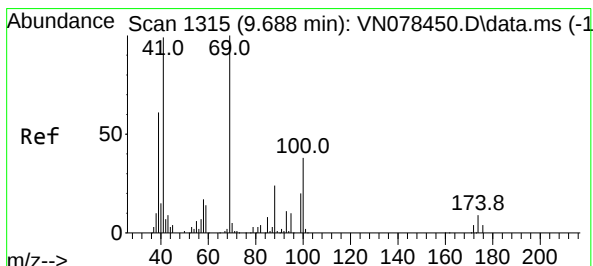
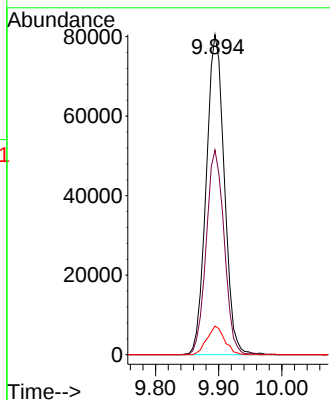
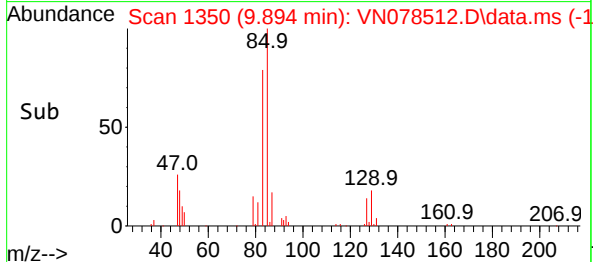
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 83 Resp: 160170
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 9.0 7.0 10.6

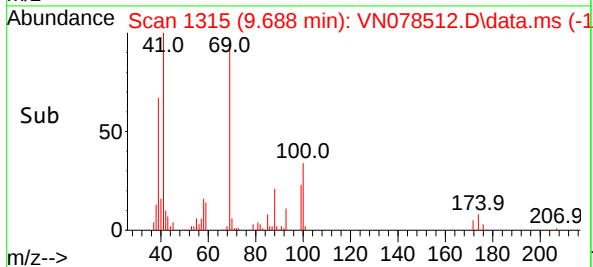
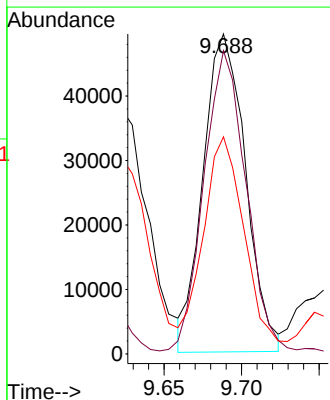
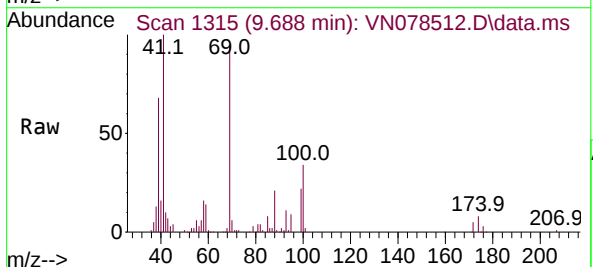
Manual Integrations
APPROVED

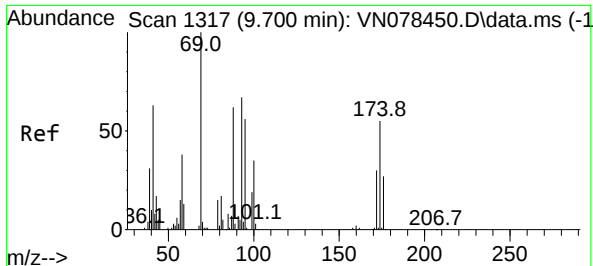
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#48
Methyl methacrylate
Concen: 20.854 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

Tgt Ion: 41 Resp: 93785
Ion Ratio Lower Upper
41 100
69 97.2 90.4 135.6
39 67.4 54.6 81.8





#49

1,4-Dioxane

Concen: 429.407 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 88 Resp: 42115

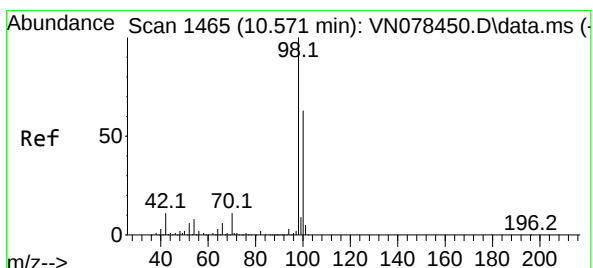
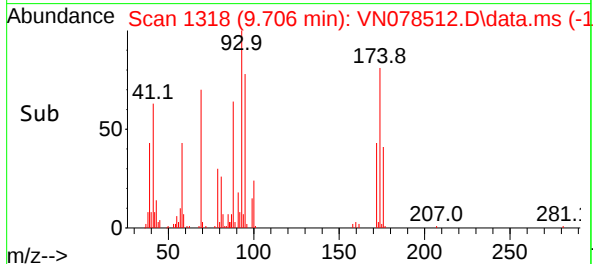
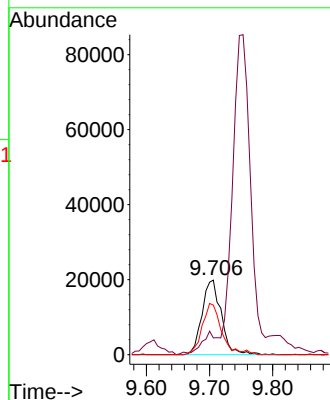
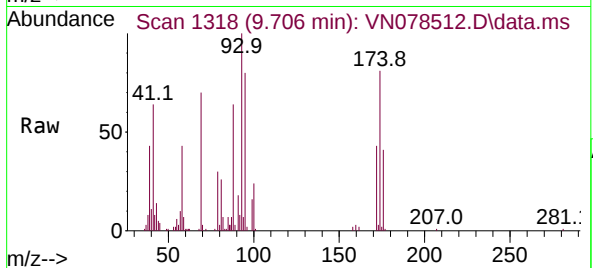
Ion	Ratio	Lower	Upper
88	100		
43	19.8	17.0	25.6
58	69.2	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#50

Toluene-d8

Concen: 51.397 ug/l

RT: 10.571 min Scan# 1465

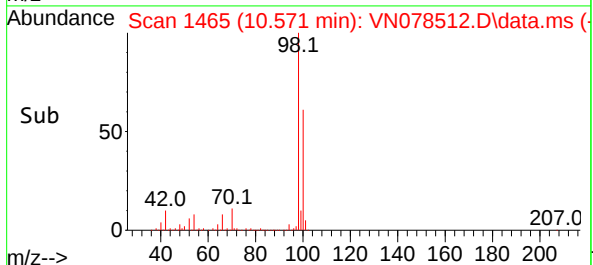
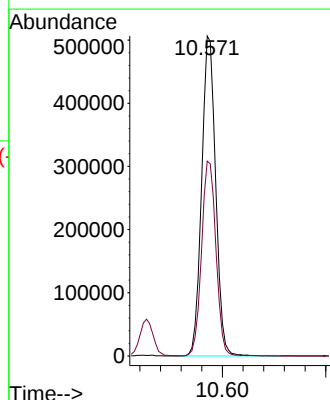
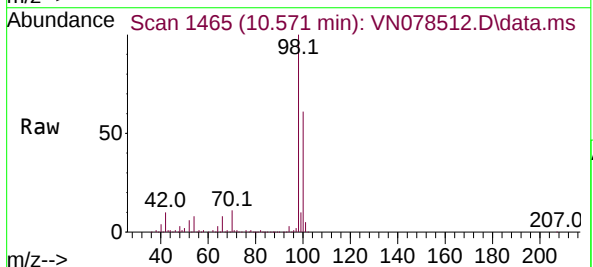
Delta R.T. -0.000 min

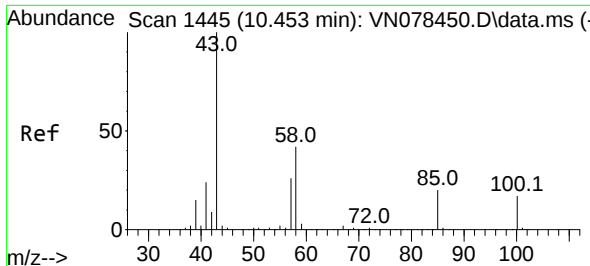
Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Tgt Ion: 98 Resp: 951105

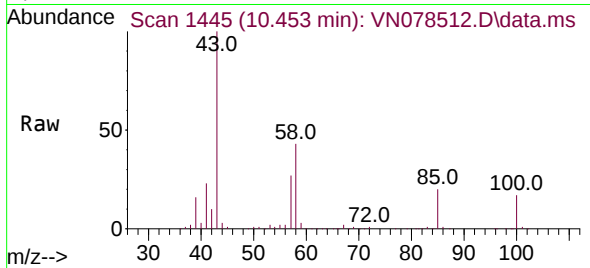
Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 108.913 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

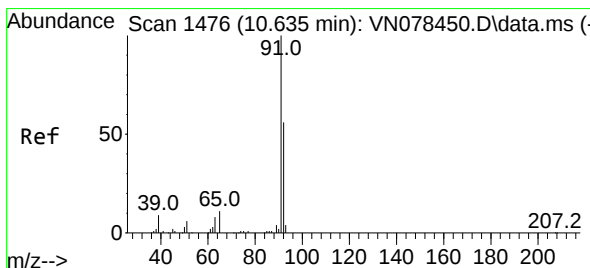
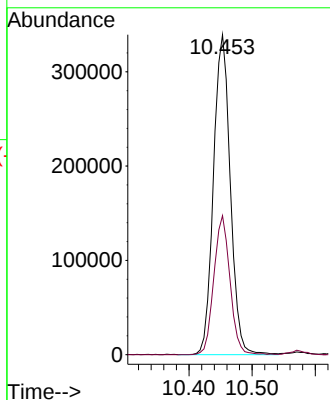
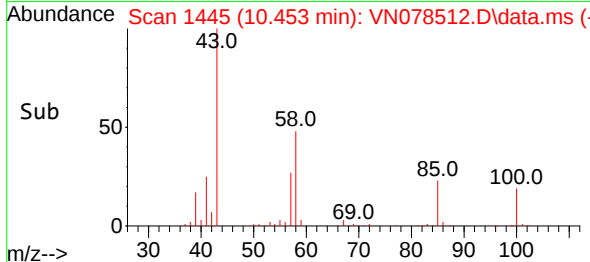
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



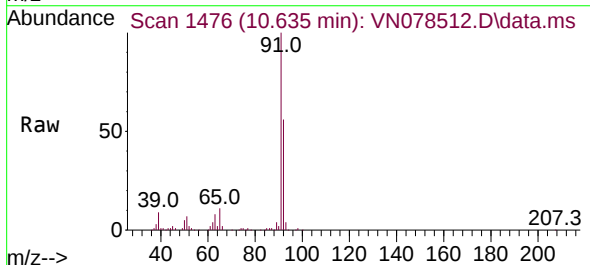
Tgt Ion: 43 Resp: 62886
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

Manual Integrations
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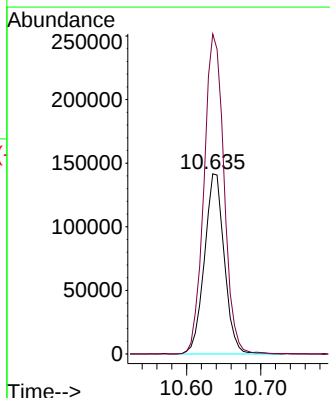
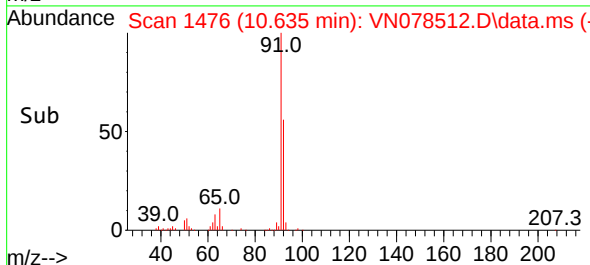
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

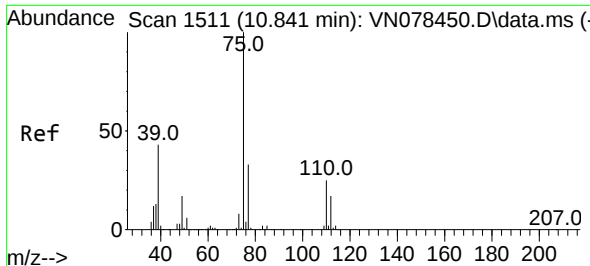


#52
Toluene
Concen: 20.285 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



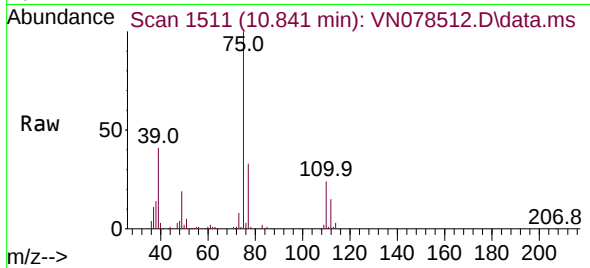
Tgt Ion: 92 Resp: 263446
Ion Ratio Lower Upper
92 100
91 179.3 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 20.685 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07

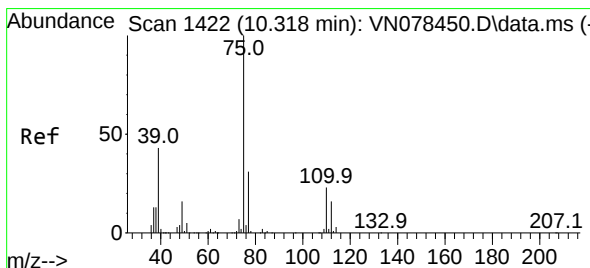
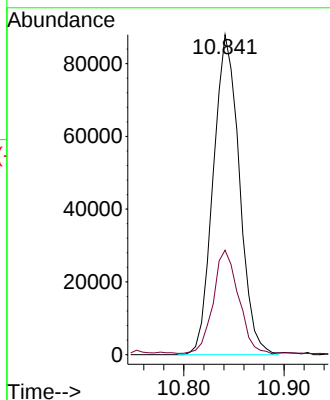
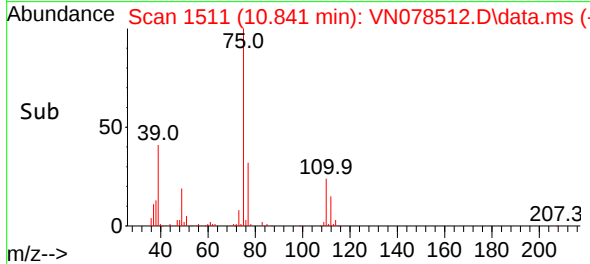
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01



Tgt Ion: 75 Resp: 15867
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0

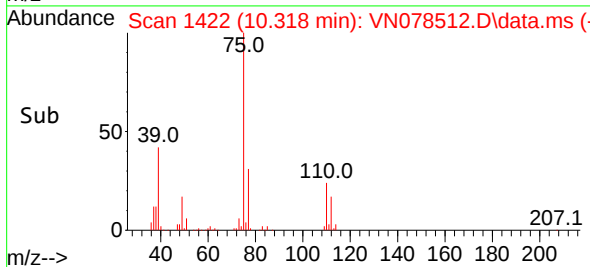
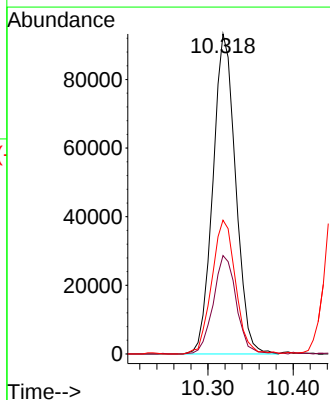
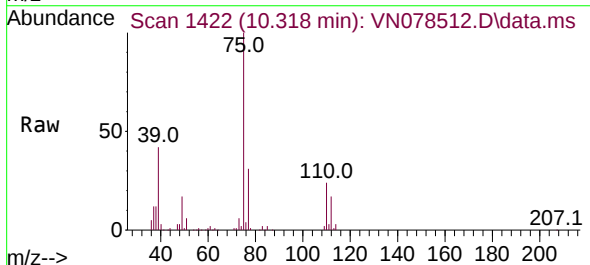
Manual Integrations
 APPROVED

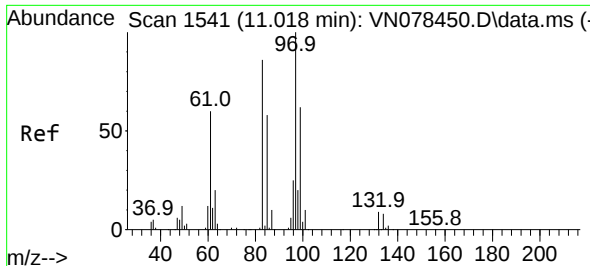
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.112 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07

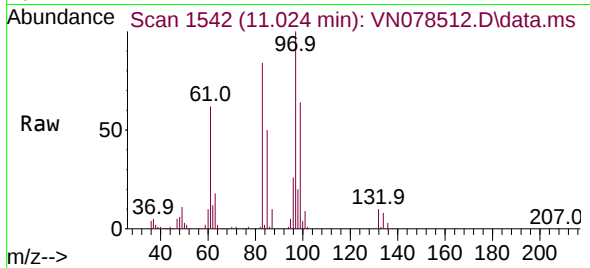
Tgt Ion: 75 Resp: 172625
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.1 39.1
 39 41.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.906 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

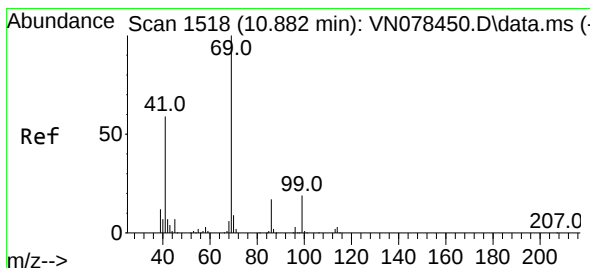
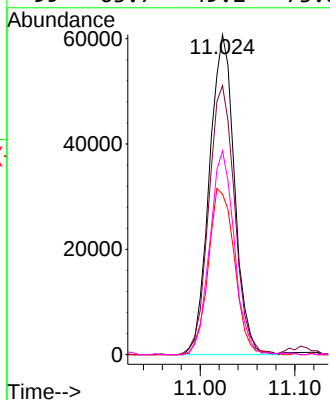
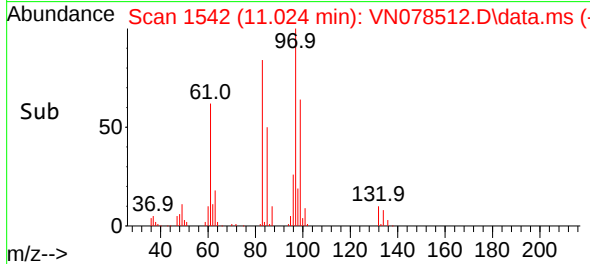
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



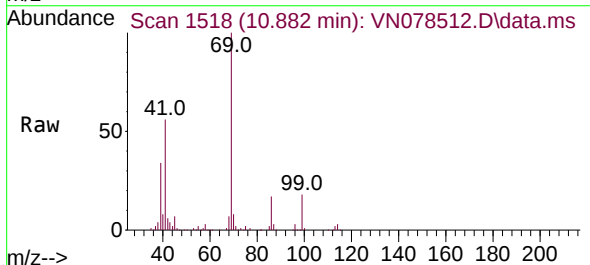
Tgt Ion:	97	Resp:	11208
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.1	97.7
85	50.1	43.4	65.2
99	63.7	49.2	73.8

Manual Integrations
APPROVED

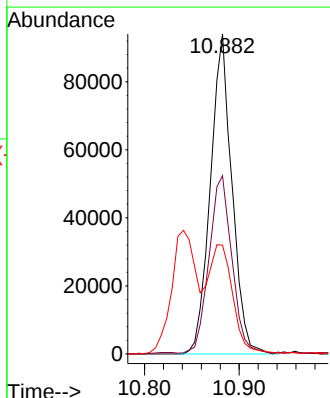
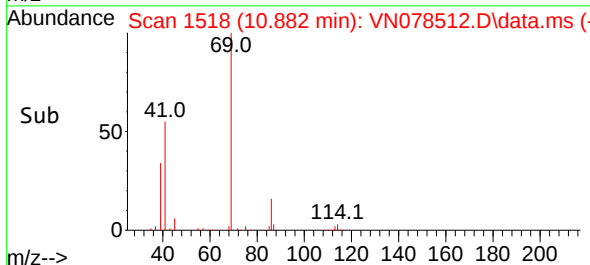
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

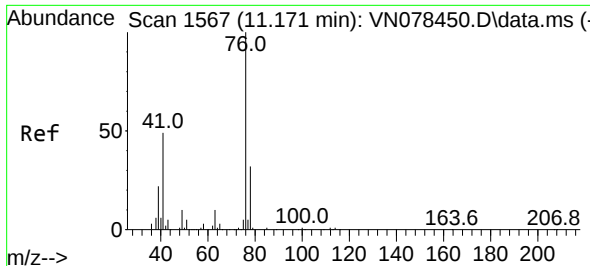


#56
Ethyl methacrylate
Concen: 20.843 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



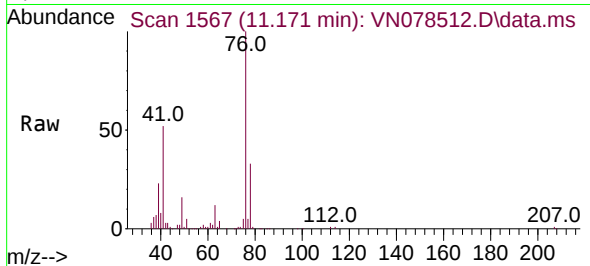
Tgt Ion:	69	Resp:	149082
Ion	Ratio	Lower	Upper
69	100		
41	59.3	39.6	59.4
39	39.0	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.771 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

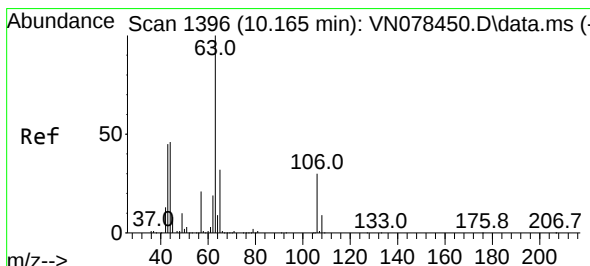
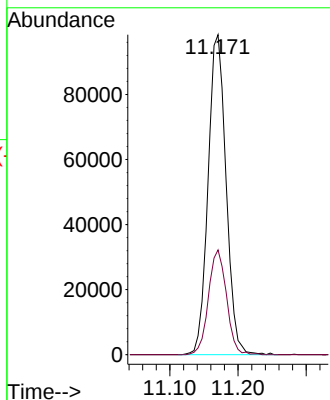
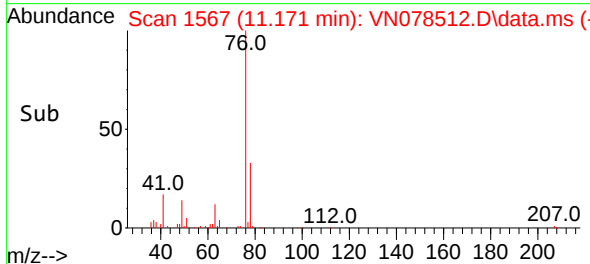
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



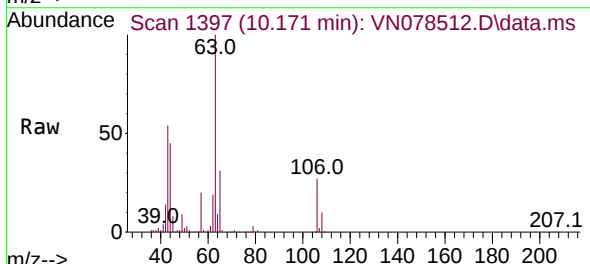
Tgt Ion: 76 Resp: 18071
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

Manual Integrations
APPROVED

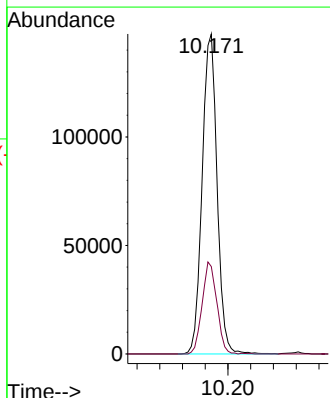
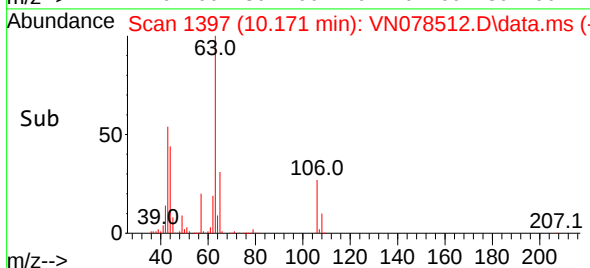
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

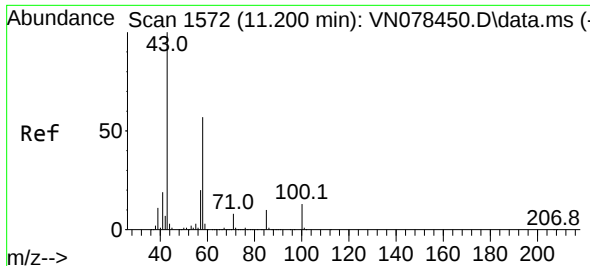


#58
2-Chloroethyl Vinyl ether
Concen: 105.133 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



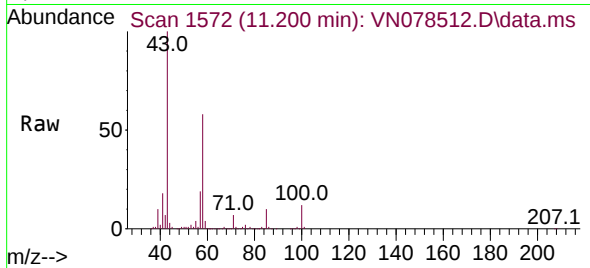
Tgt Ion: 63 Resp: 267987
Ion Ratio Lower Upper
63 100
106 28.2 26.2 39.4





#59
2-Hexanone
Concen: 108.172 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

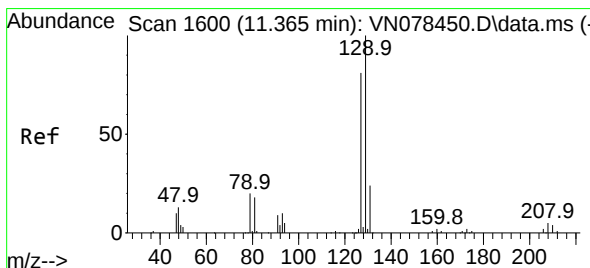
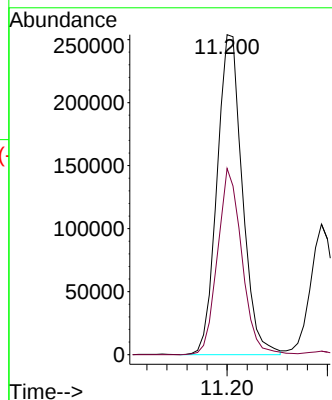
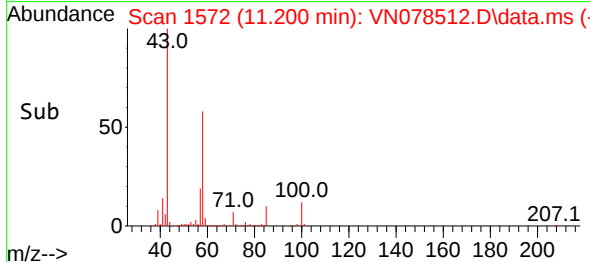
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 43 Resp: 443900
Ion Ratio Lower Upper
43 100
58 55.9 31.7 95.1

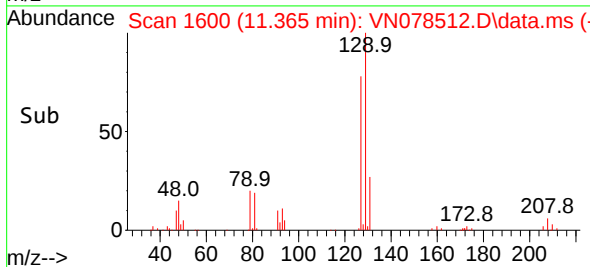
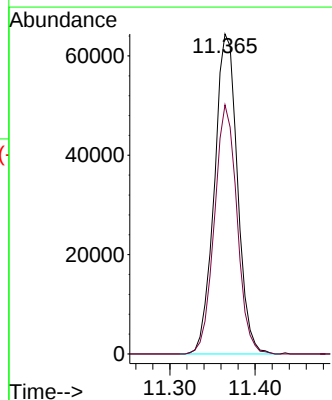
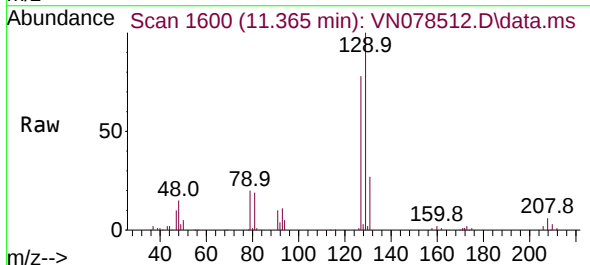
Manual Integrations
APPROVED

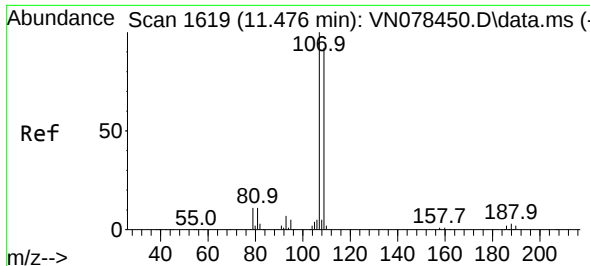
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 21.454 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

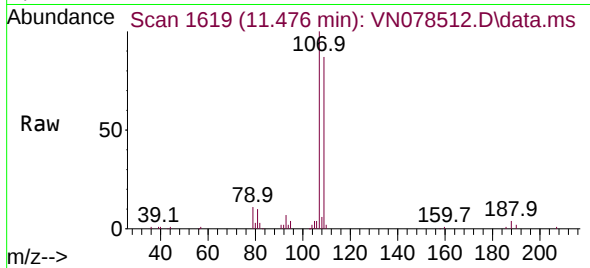
Tgt Ion:129 Resp: 121190
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.137 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

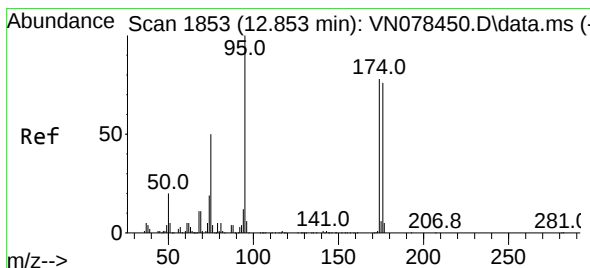
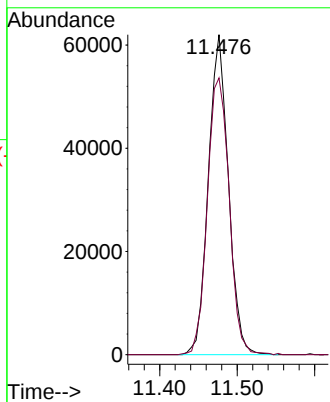
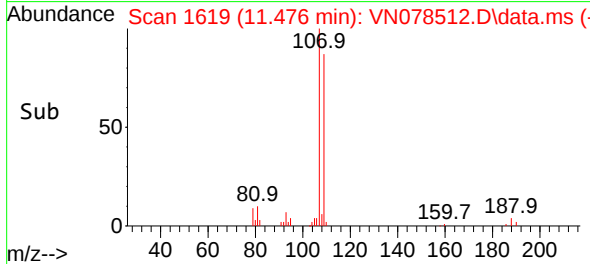
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion:107 Resp: 111414
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

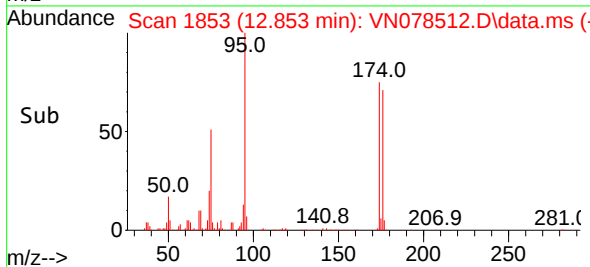
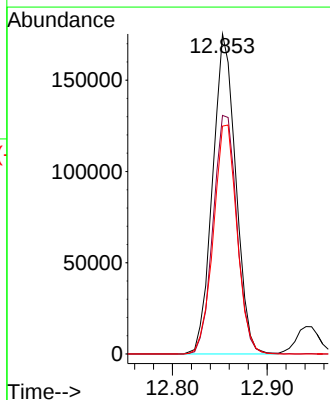
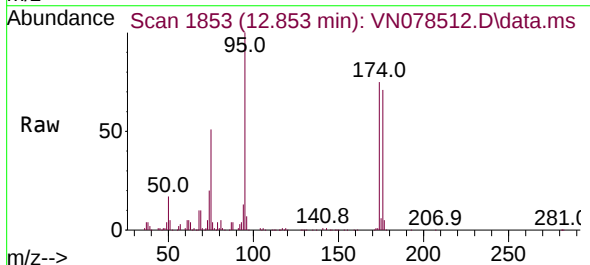
Manual Integrations
APPROVED

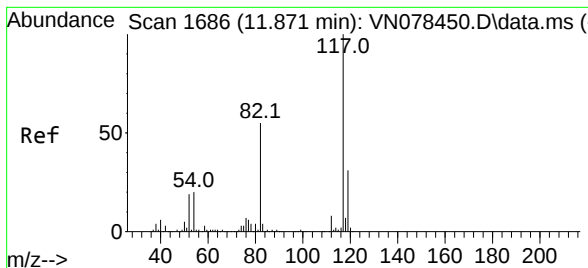
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62
4-Bromofluorobenzene
Concen: 52.127 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

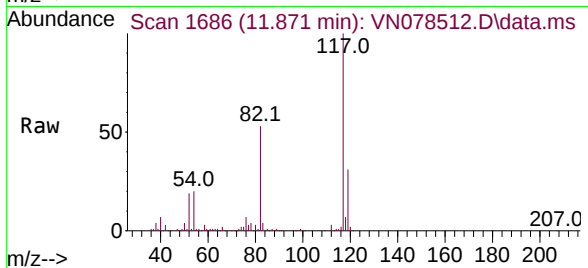
Tgt Ion: 95 Resp: 297122
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

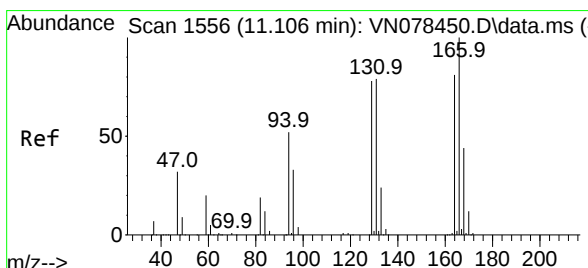
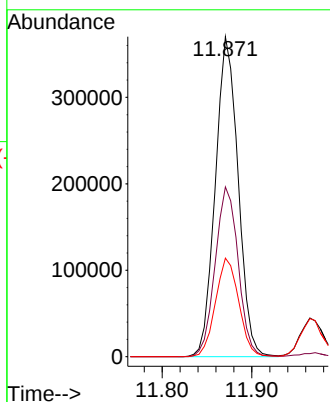
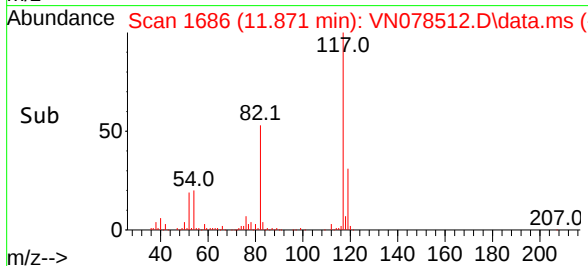
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion:117 Resp: 652448
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 30.8 25.6 38.4

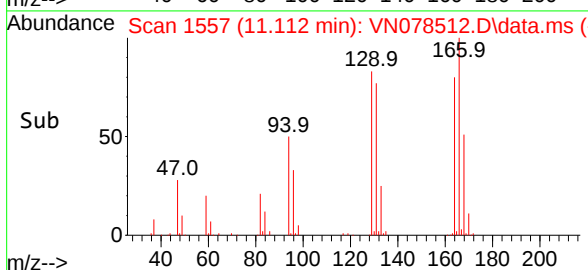
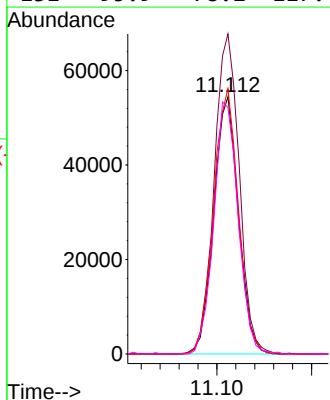
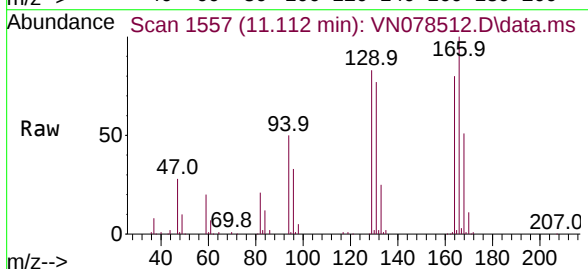
Manual Integrations
APPROVED

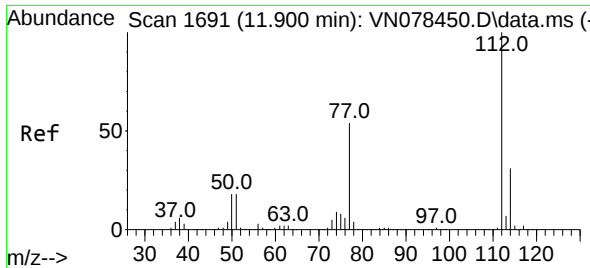
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
Tetrachloroethene
Concen: 20.074 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

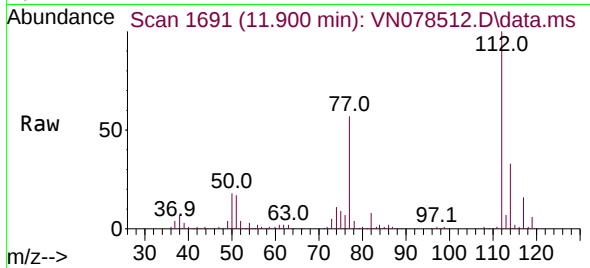
Tgt Ion:164 Resp: 98466
Ion Ratio Lower Upper
164 100
166 124.5 101.4 152.0
129 103.2 82.4 123.6
131 95.9 78.2 117.4





#65
Chlorobenzene
Concen: 19.400 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

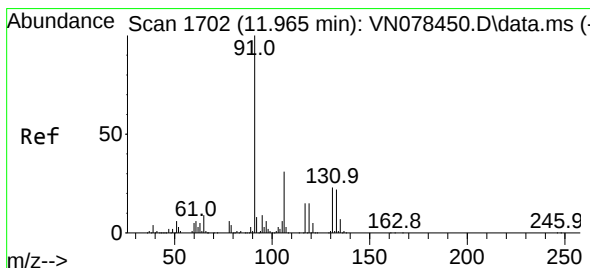
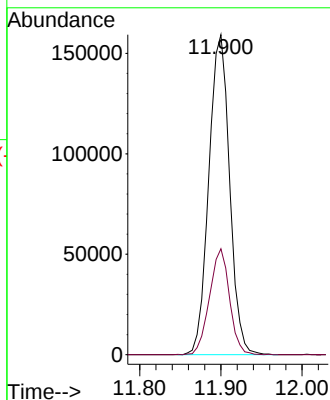
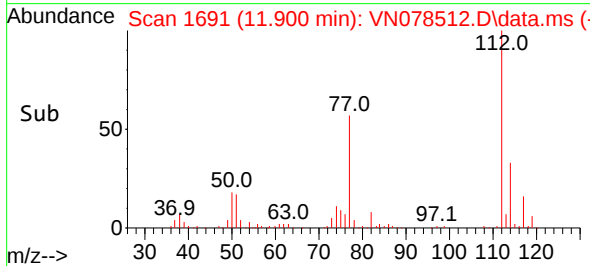
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion:112 Resp: 282924
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4

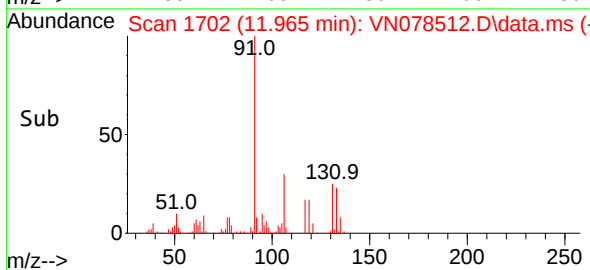
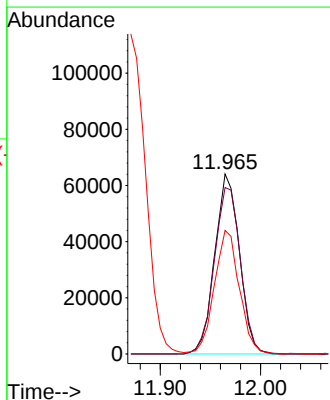
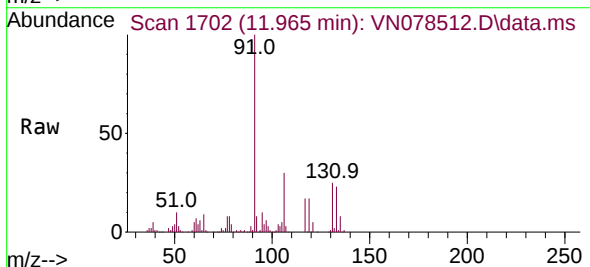
Manual Integrations
APPROVED

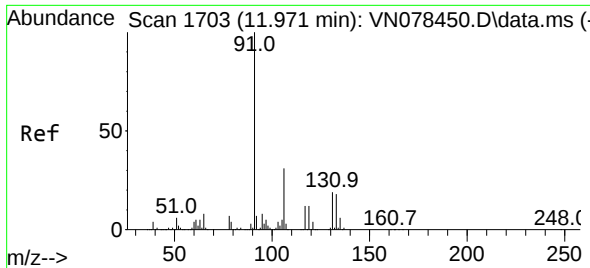
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.477 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

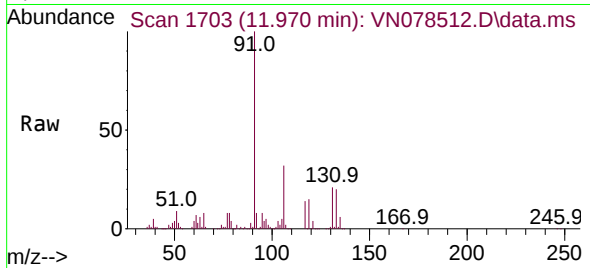
Tgt Ion:131 Resp: 109272
Ion Ratio Lower Upper
131 100
133 98.2 46.4 139.1
119 69.7 34.1 102.2





#67
Ethyl Benzene
Concen: 19.773 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

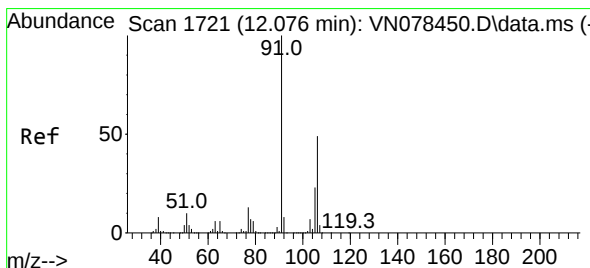
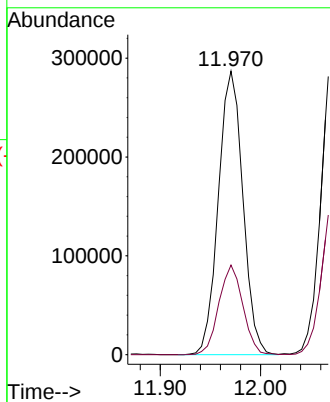
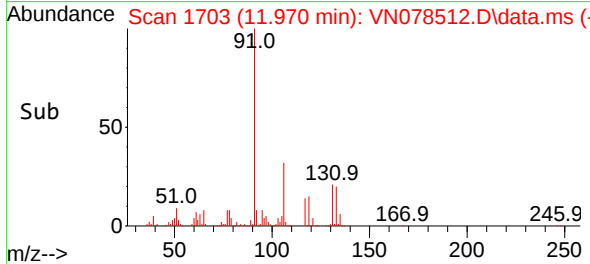
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



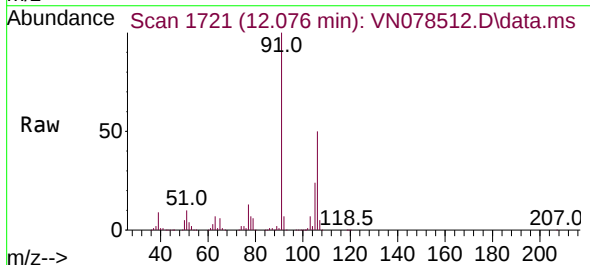
Tgt Ion: 91 Resp: 48743
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

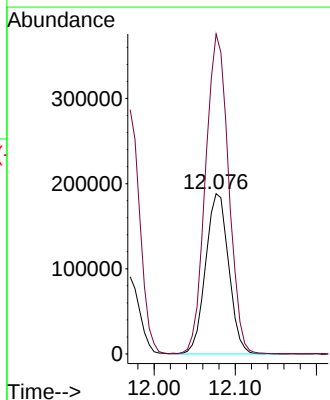
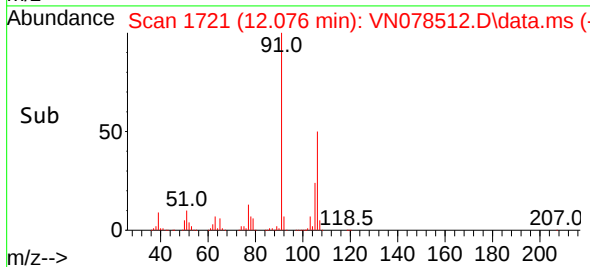
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

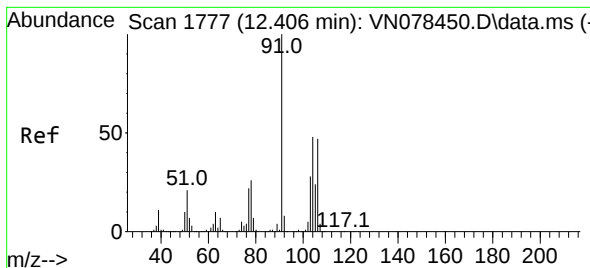


#68
m/p-Xylenes
Concen: 40.762 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



Tgt Ion:106 Resp: 371521
Ion Ratio Lower Upper
106 100
91 199.7 159.6 239.4





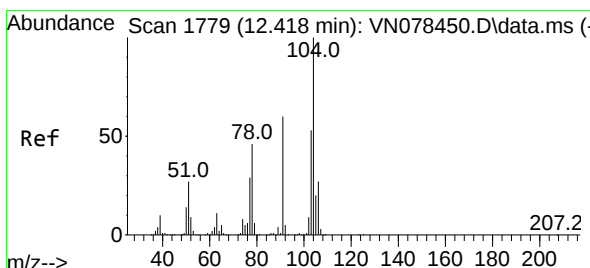
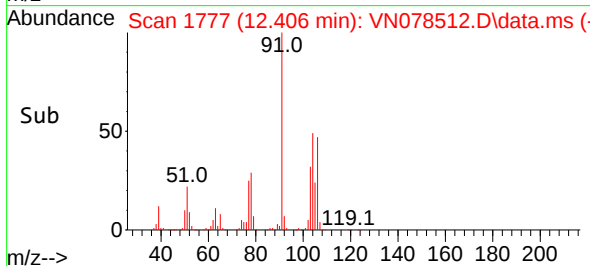
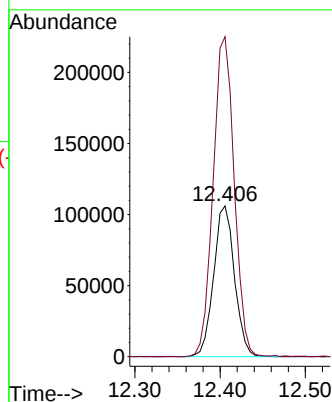
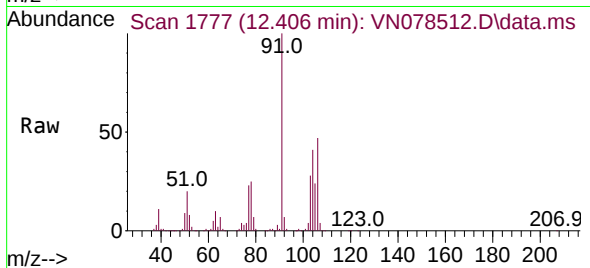
#69
o-Xylene
Concen: 19.558 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

Tgt Ion:106 Resp: 180049
Ion Ratio Lower Upper
106 100
91 214.8 105.2 315.5

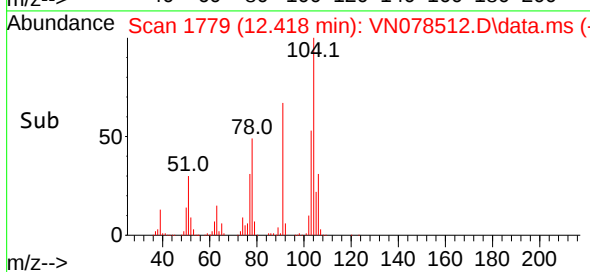
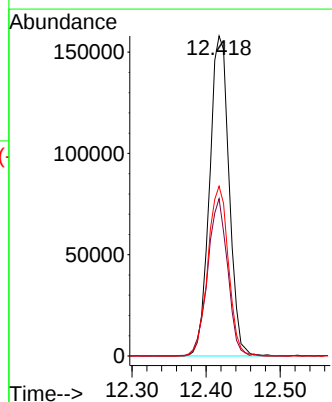
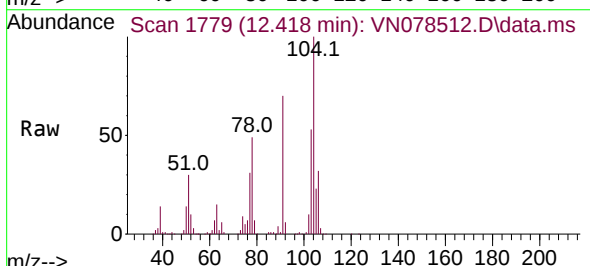
Manual Integrations
APPROVED

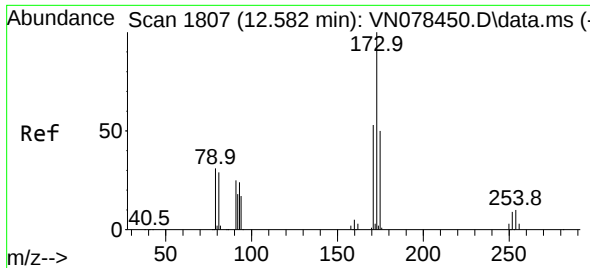
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 20.085 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

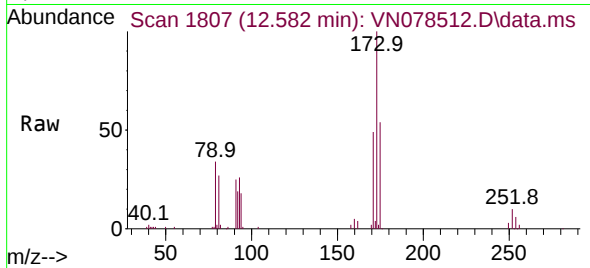
Tgt Ion:104 Resp: 289268
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 20.551 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

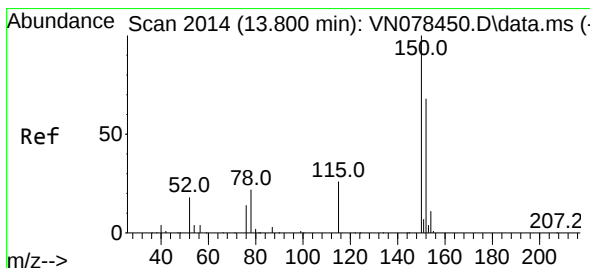
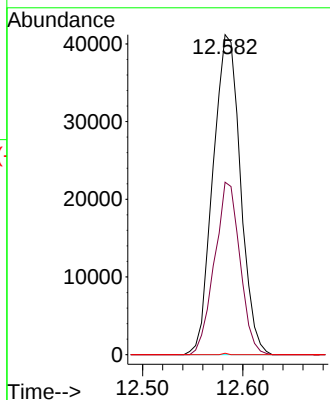
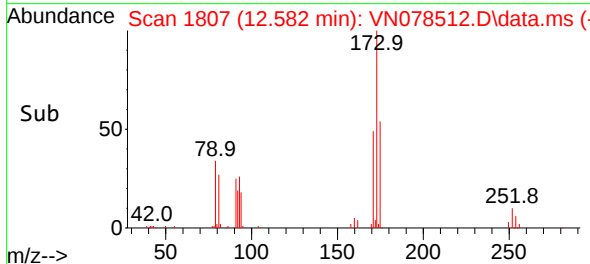
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



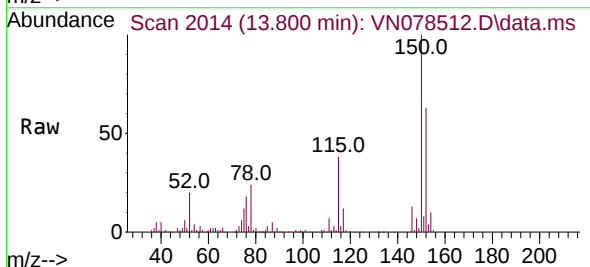
Tgt Ion:173 Resp: 78080
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

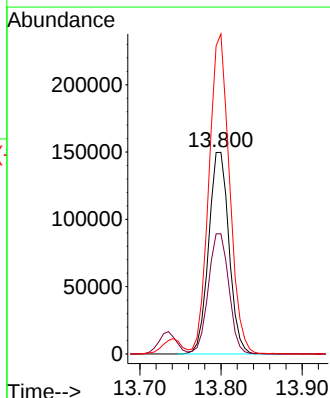
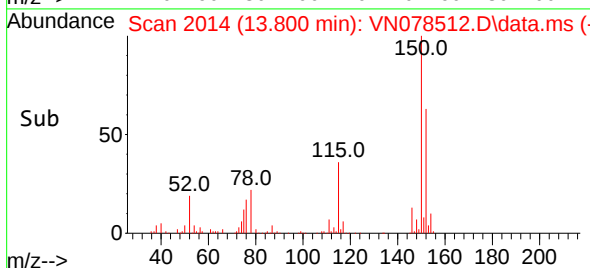
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

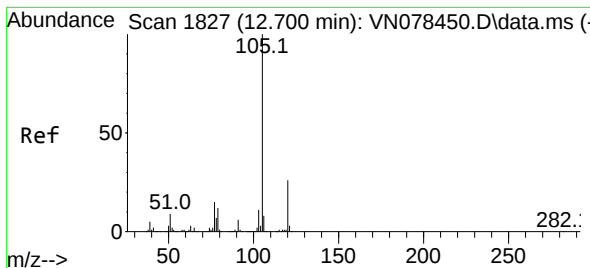


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



Tgt Ion:152 Resp: 260094
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 161.0 0.0 355.8





#73

Isopropylbenzene

Concen: 18.258 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078512.D

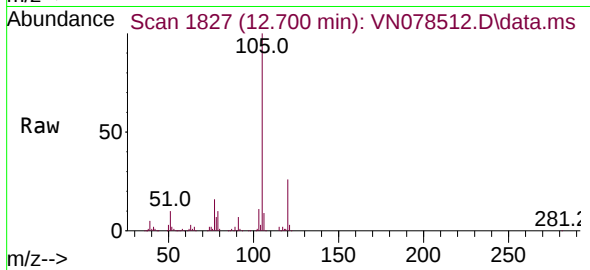
Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01



Tgt Ion:105 Resp: 446228

Ion Ratio Lower Upper

105 100

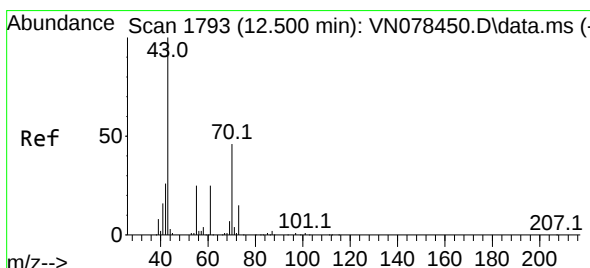
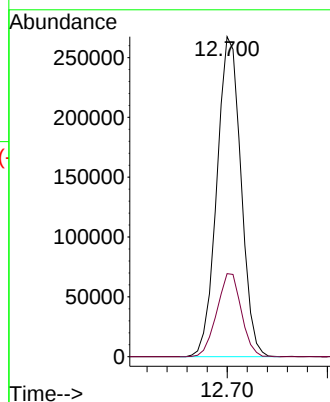
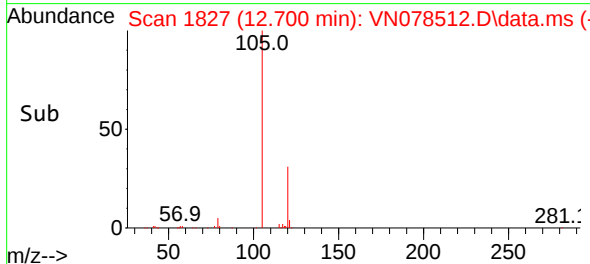
120 26.4 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#74

N-ethyl acetate

Concen: 18.628 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Tgt Ion: 43 Resp: 156894

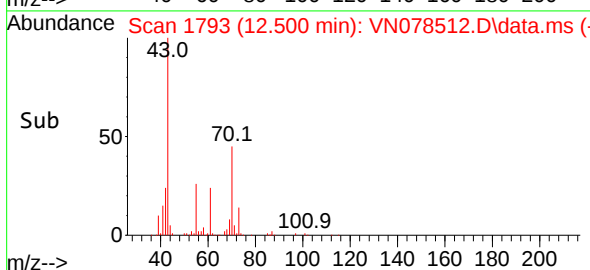
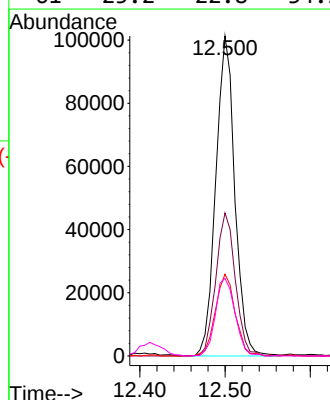
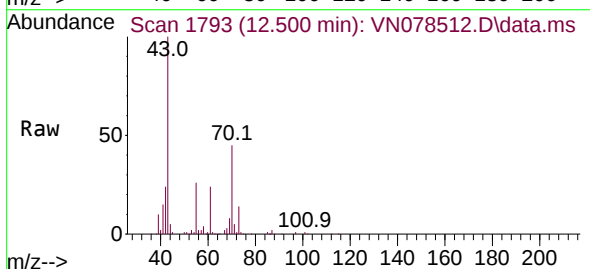
Ion Ratio Lower Upper

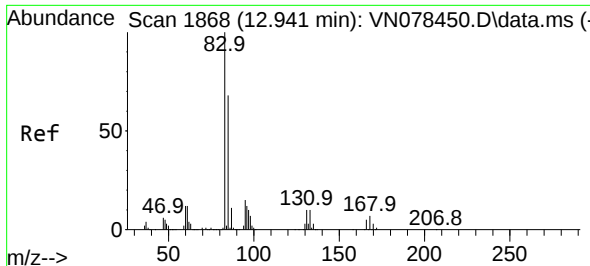
43 100

70 45.9 43.4 65.2

55 26.7 21.4 32.0

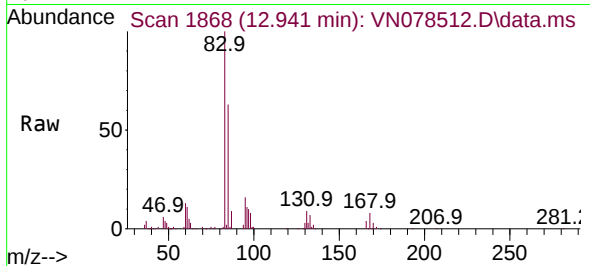
61 25.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.232 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

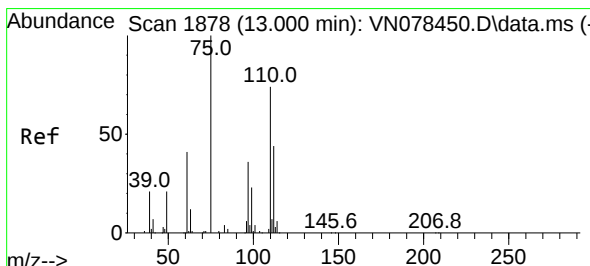
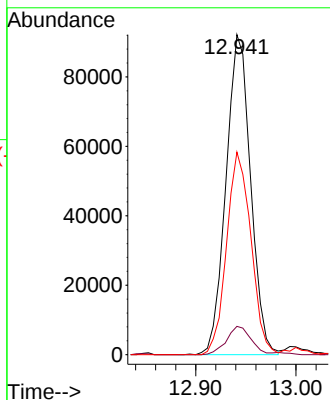
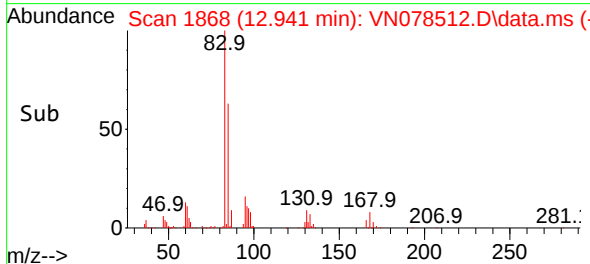
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 83 Resp: 15709
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 62.7 31.9 95.7

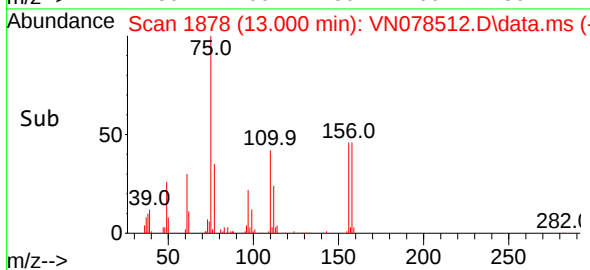
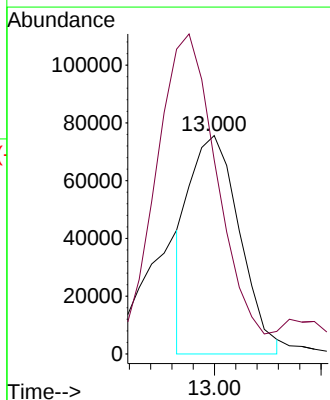
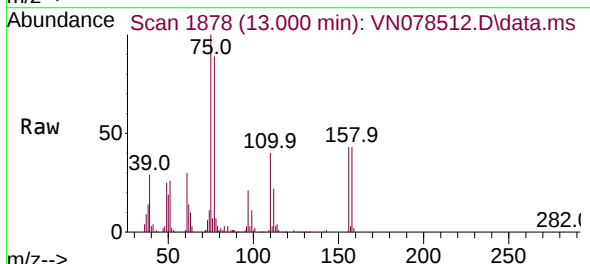
Manual Integrations
APPROVED

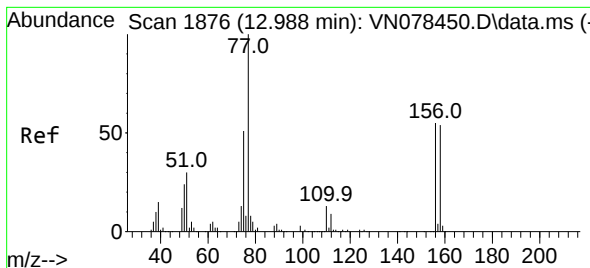
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,2,3-Trichloropropane
Concen: 19.670 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

Tgt Ion: 75 Resp: 123664
Ion Ratio Lower Upper
75 100
77 182.8 84.5 253.5





#77

Bromobenzene

Concen: 19.932 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

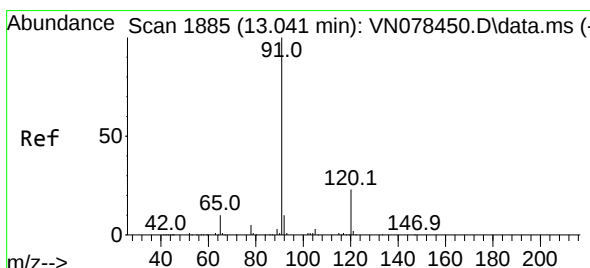
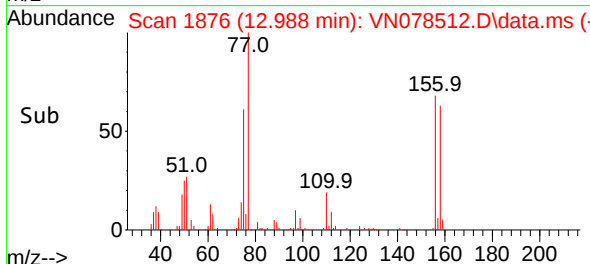
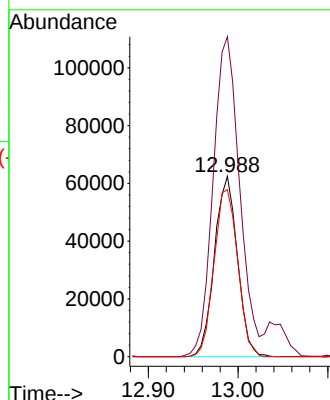
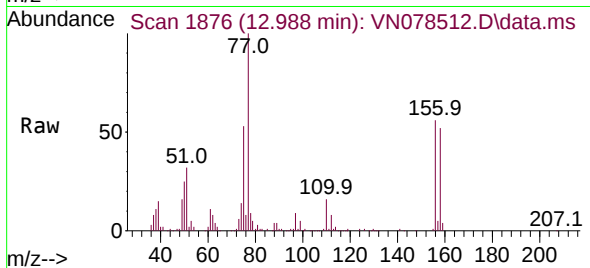
Tgt Ion:156 Resp: 11087
 Ion Ratio Lower Upper
 156 100
 77 203.9 107.7 323.3
 158 95.7 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#78

n-propylbenzene

Concen: 18.775 ug/l

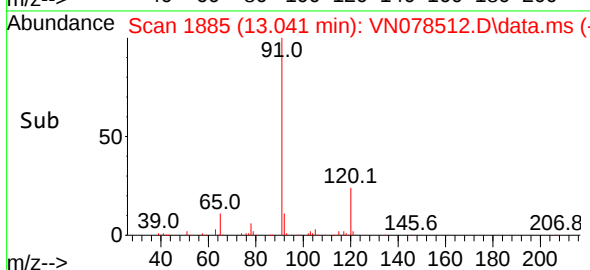
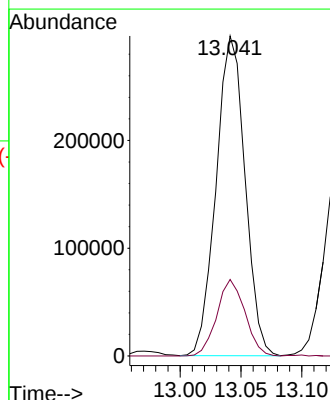
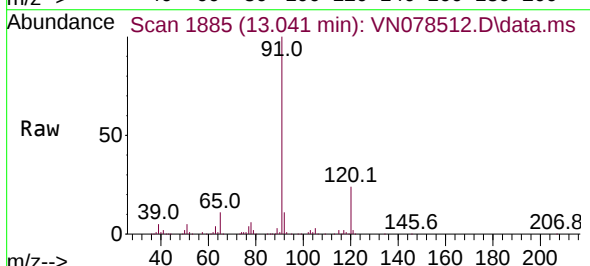
RT: 13.041 min Scan# 1885

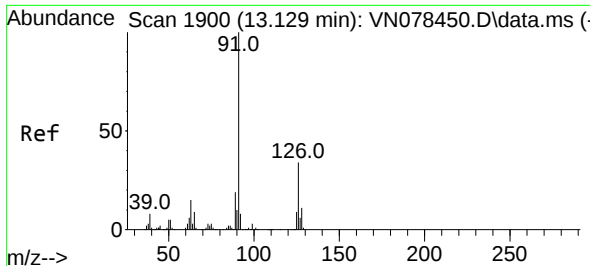
Delta R.T. 0.000 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

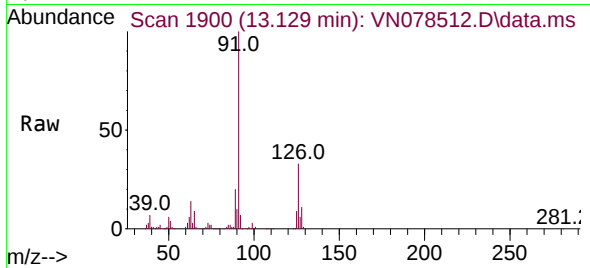
Tgt Ion: 91 Resp: 490728
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.732 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

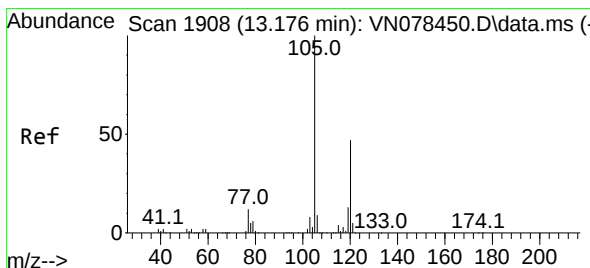
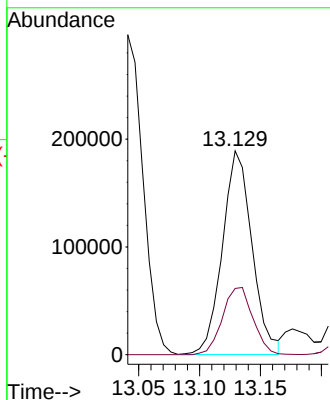
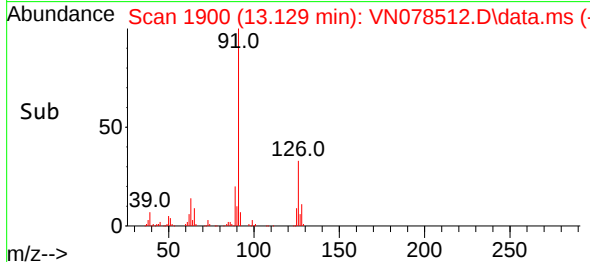
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



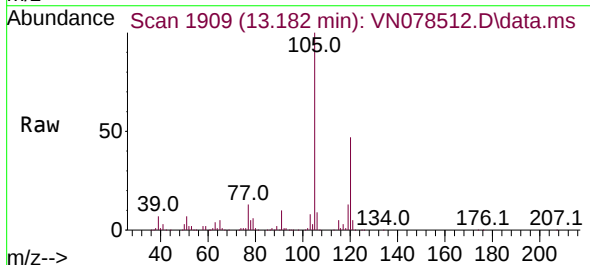
Tgt Ion: 91 Resp: 32069
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

Manual Integrations
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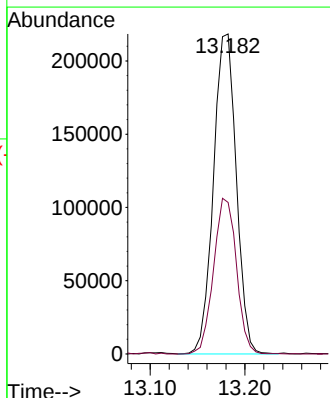
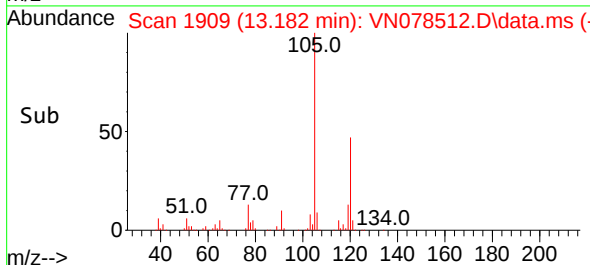
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

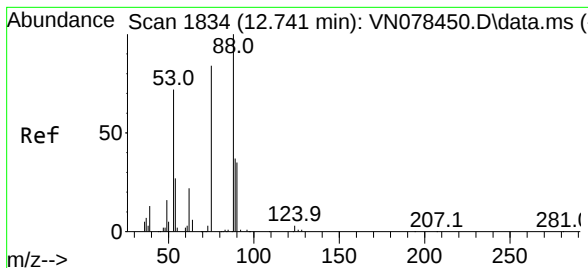


#80
1,3,5-Trimethylbenzene
Concen: 18.970 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



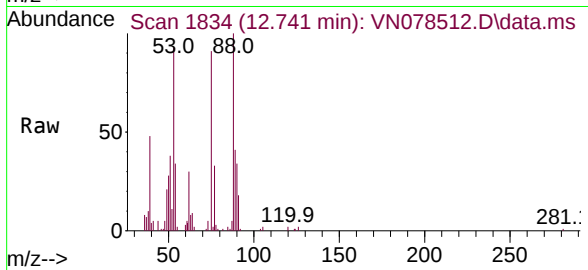
Tgt Ion:105 Resp: 366315
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.472 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

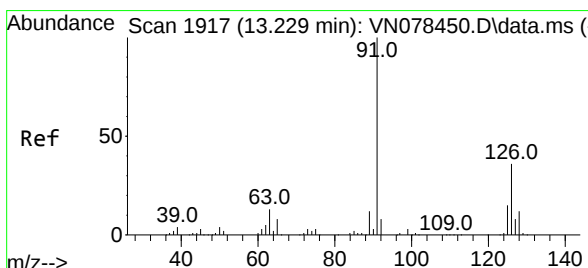
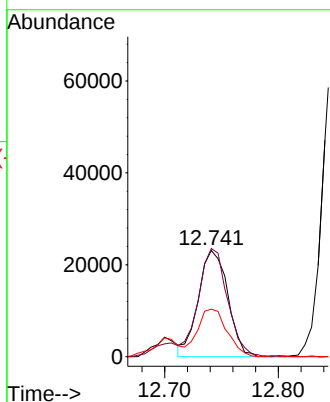
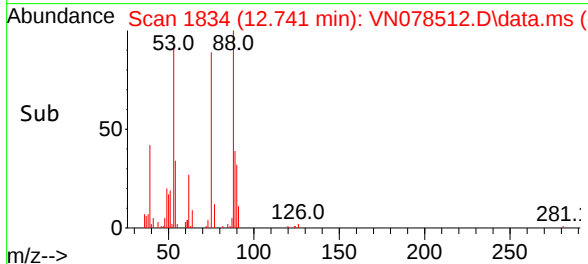
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 75 Resp: 41799
Ion Ratio Lower Upper
75 100
53 111.4 67.4 101.2
89 44.4 38.8 58.2

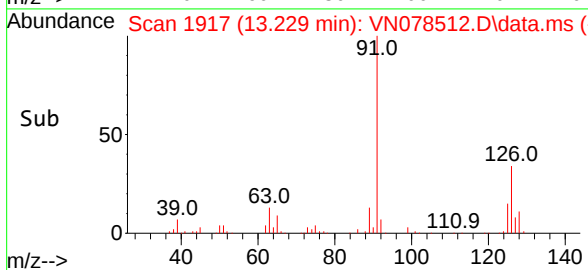
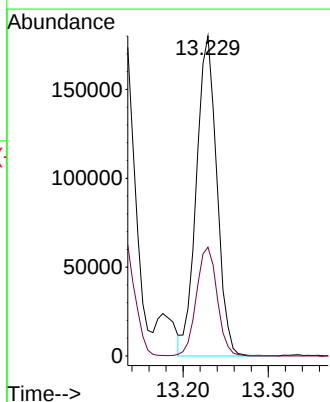
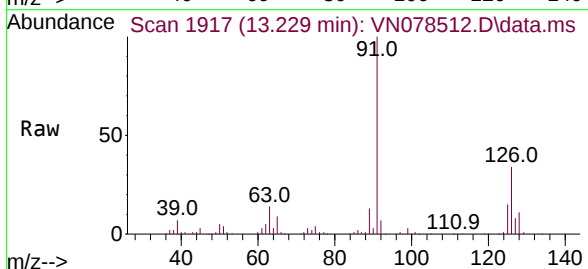
Manual Integrations
APPROVED

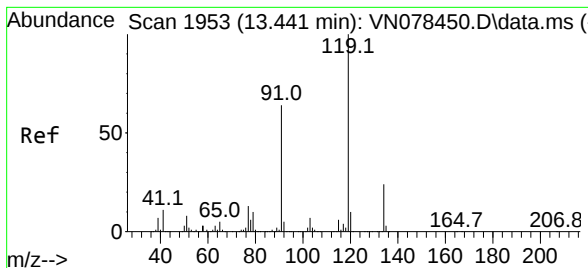
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#82
4-Chlorotoluene
Concen: 18.802 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

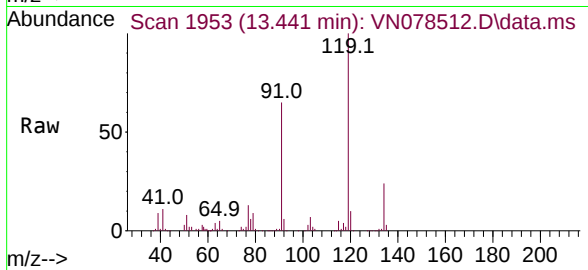
Tgt Ion: 91 Resp: 300285
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.461 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

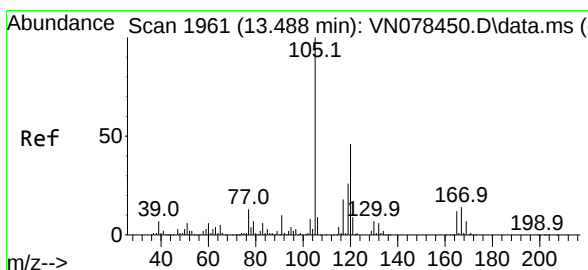
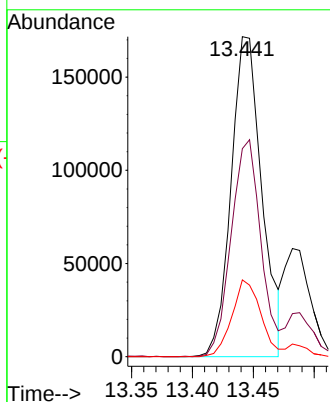
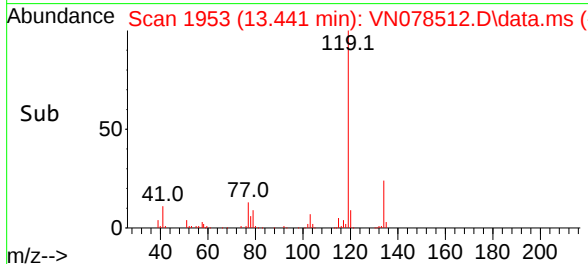
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



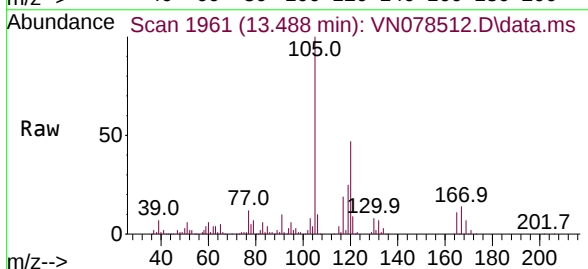
Tgt Ion:119 Resp: 302660
Ion Ratio Lower Upper
119 100
91 65.5 33.9 101.7
134 22.8 13.2 39.6

Manual Integrations
APPROVED

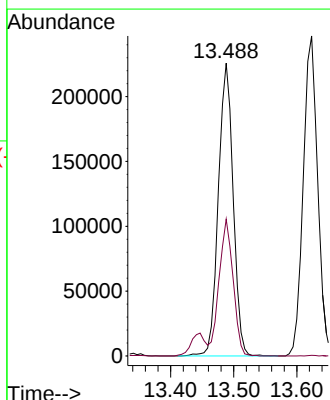
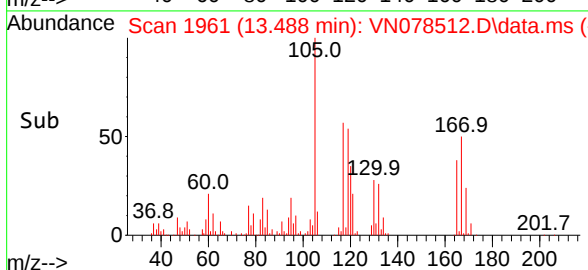
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

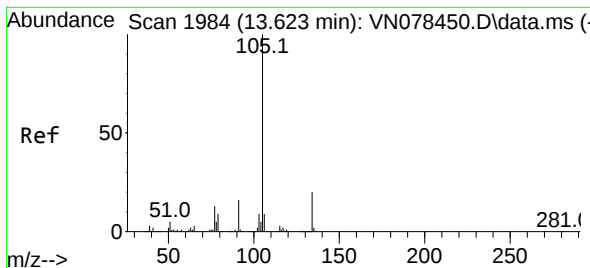


#84
1,2,4-Trimethylbenzene
Concen: 19.560 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



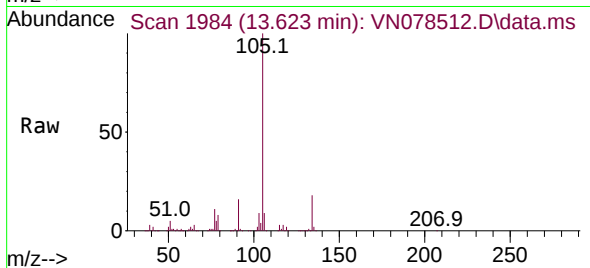
Tgt Ion:105 Resp: 366876
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.830 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07

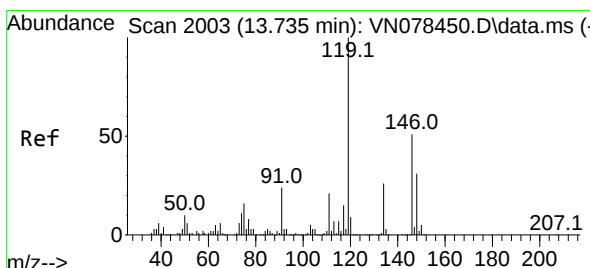
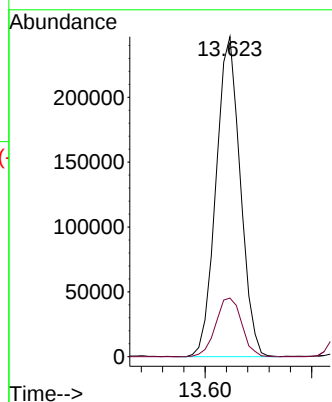
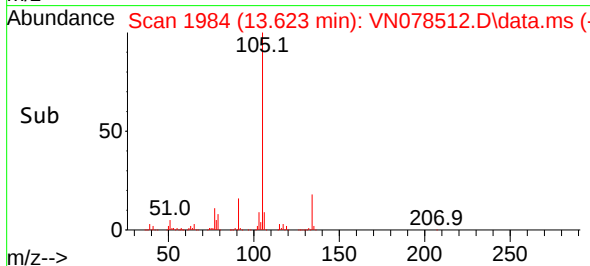
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01



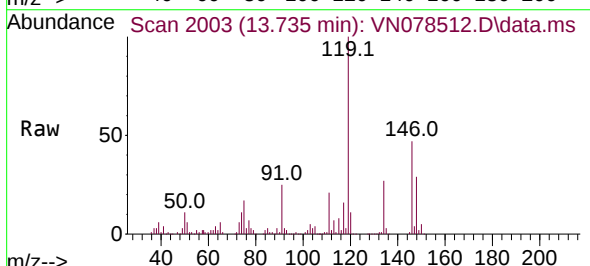
Tgt Ion:105 Resp: 390198
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

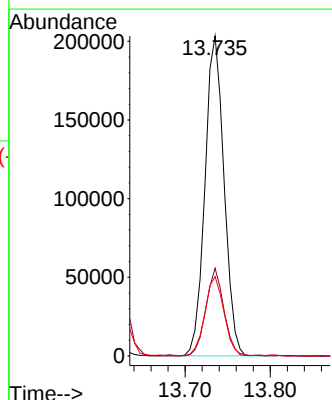
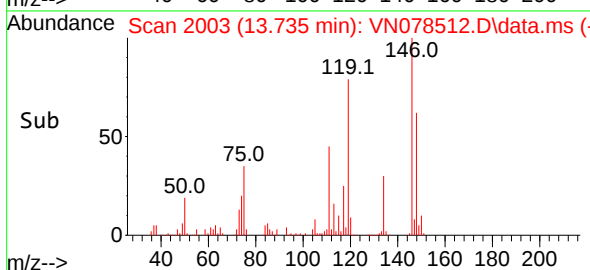
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

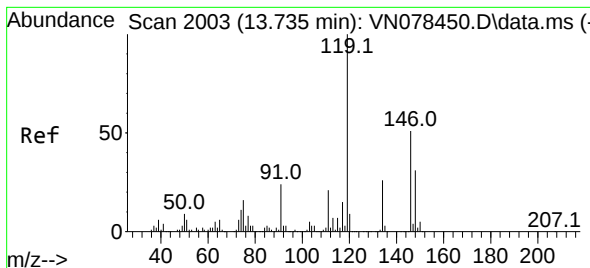


#86
 p-Isopropyltoluene
 Concen: 18.968 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078512.D
 Acq: 14 Jul 2023 11:07



Tgt Ion:119 Resp: 315626
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.987 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion:146 Resp: 17814

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.3

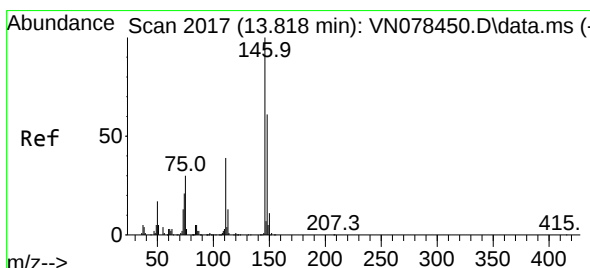
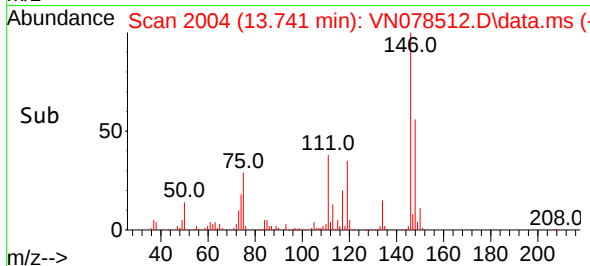
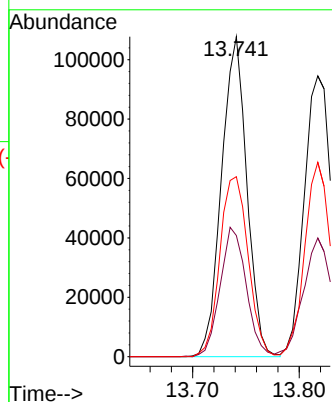
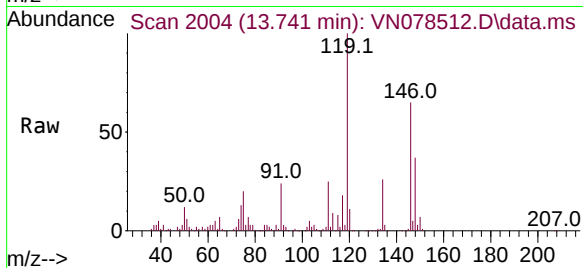
148 62.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#88

1,4-Dichlorobenzene

Concen: 18.009 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

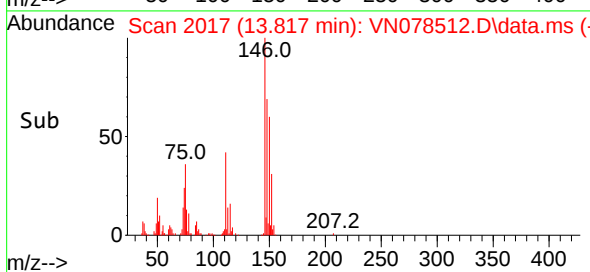
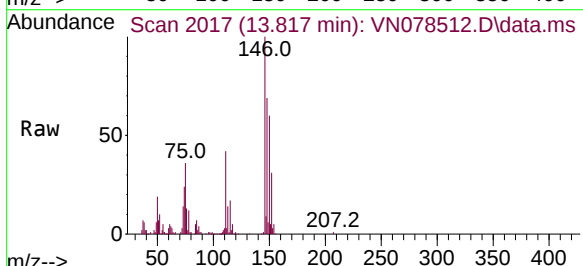
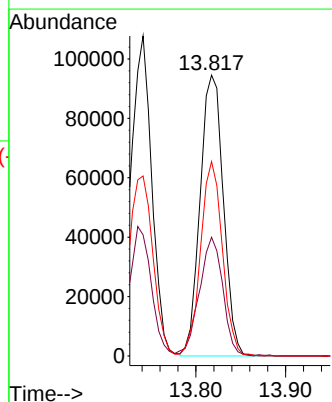
Tgt Ion:146 Resp: 170193

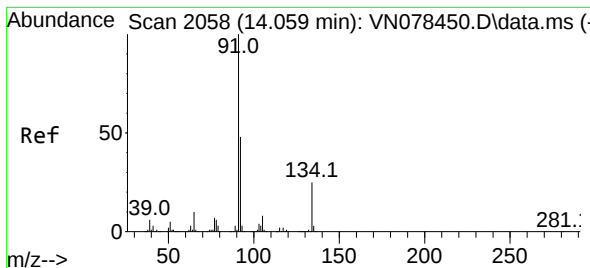
Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.8

148 65.1 31.6 94.8





#89

n-Butylbenzene

Concen: 19.236 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.005 min

Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 91 Resp: 229010

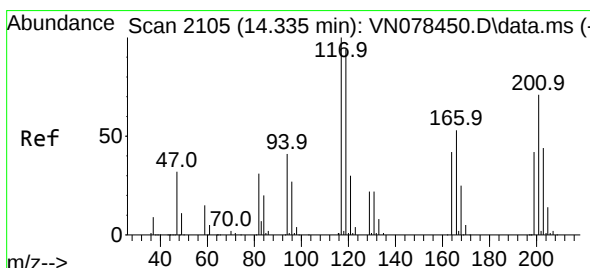
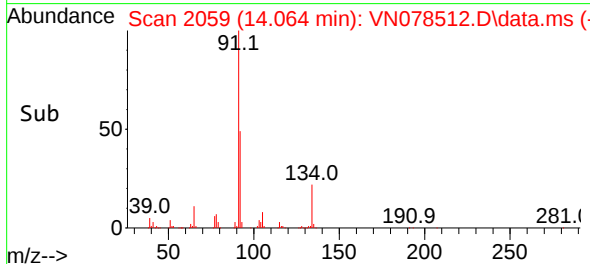
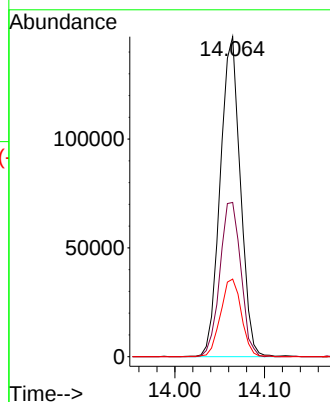
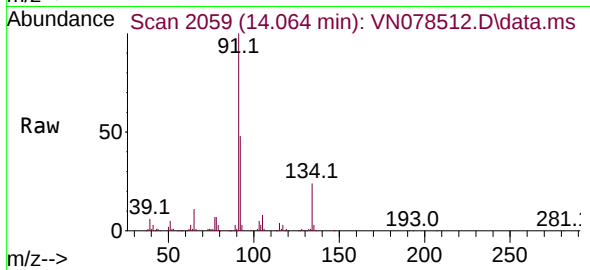
Ion	Ratio	Lower	Upper
91	100		
92	50.2	26.4	79.0
134	25.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#90

Hexachloroethane

Concen: 19.531 ug/l

RT: 14.335 min Scan# 2105

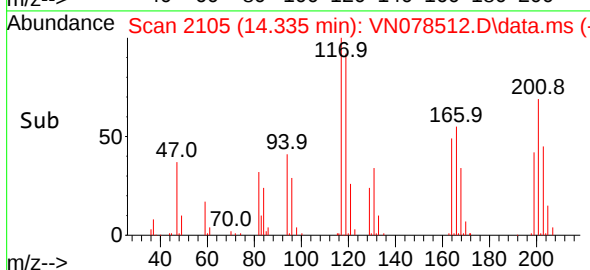
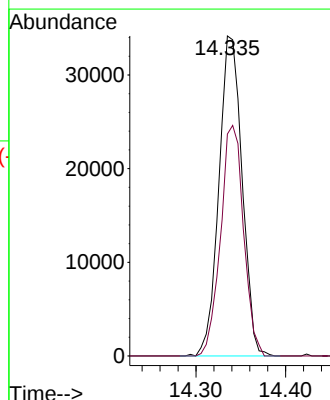
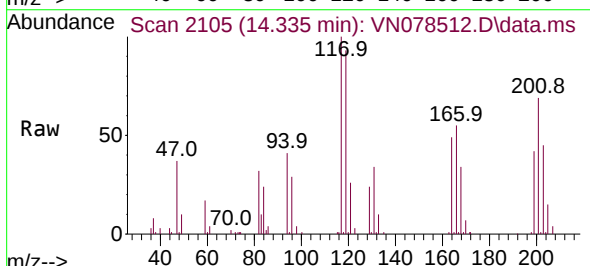
Delta R.T. 0.000 min

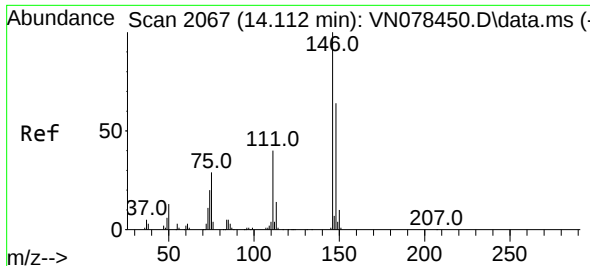
Lab File: VN078512.D

Acq: 14 Jul 2023 11:07

Tgt Ion:117 Resp: 61254

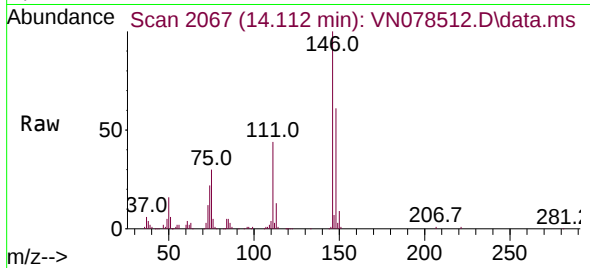
Ion	Ratio	Lower	Upper
117	100		
201	71.5	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 19.157 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

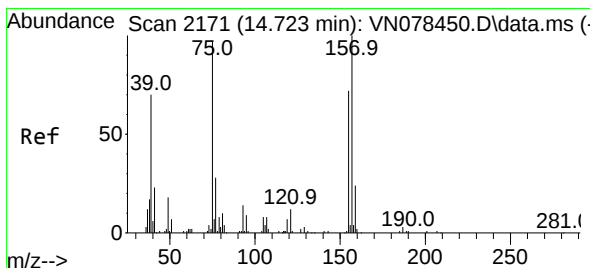
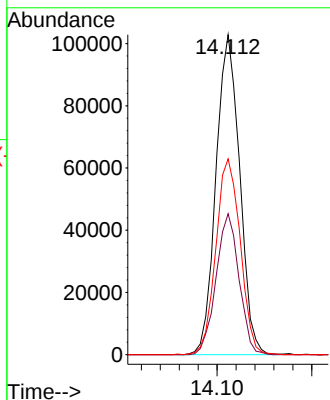
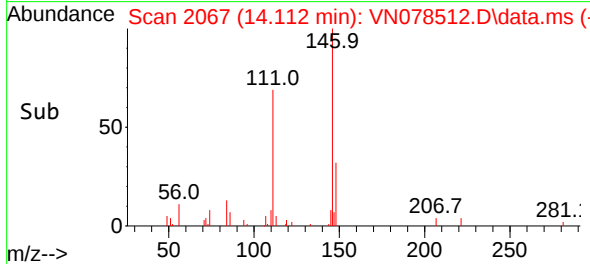
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



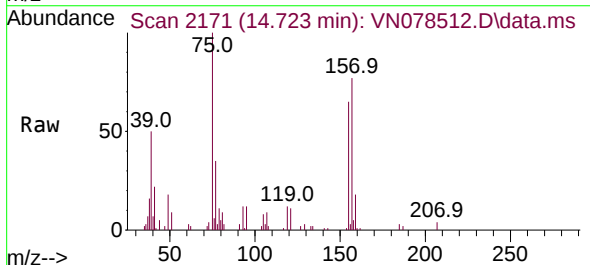
Tgt Ion:146 Resp: 17887
Ion Ratio Lower Upper
146 100
111 42.6 22.0 66.0
148 63.0 31.8 95.3

Manual Integrations
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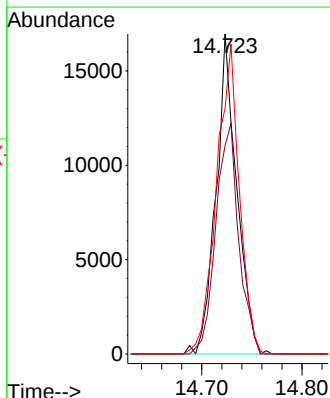
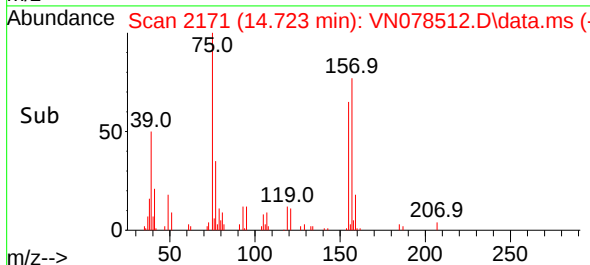
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

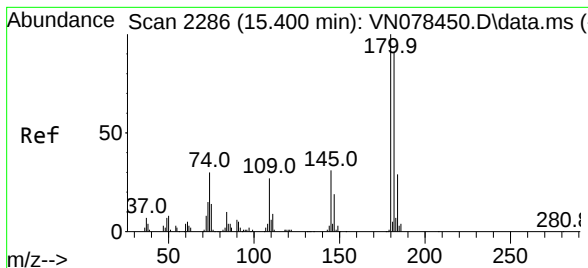


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.698 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



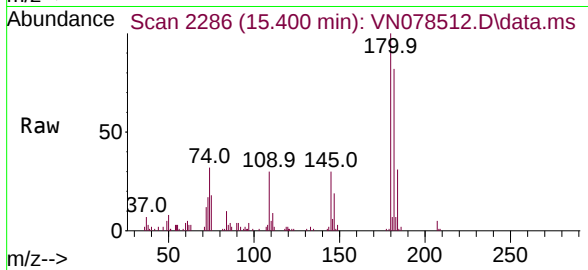
Tgt Ion: 75 Resp: 24408
Ion Ratio Lower Upper
75 100
155 79.2 39.1 117.2
157 106.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.066 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

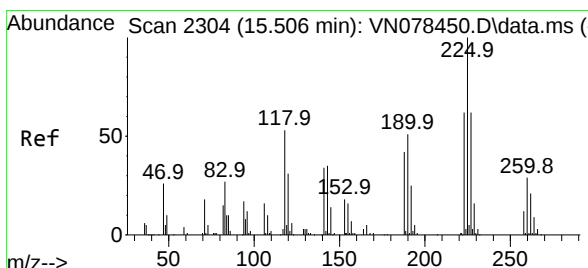
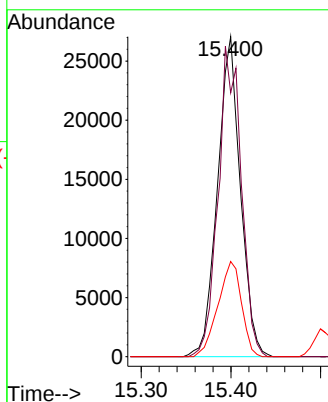
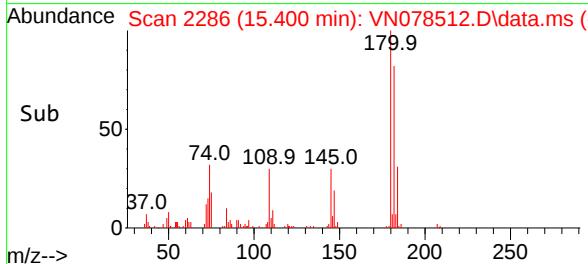
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



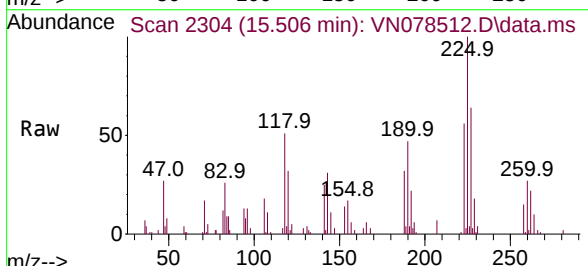
Tgt Ion:180 Resp: 47870
Ion Ratio Lower Upper
180 100
182 98.0 46.1 138.2
145 30.6 16.6 49.8

Manual Integrations
APPROVED

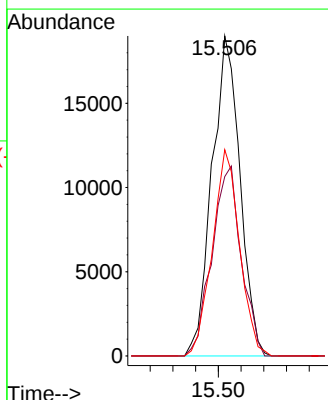
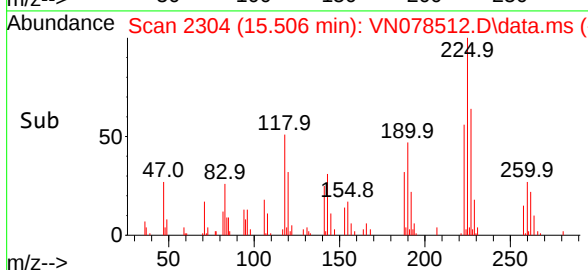
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

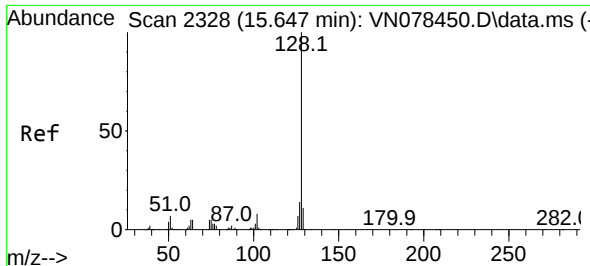


#94
Hexachlorobutadiene
Concen: 18.500 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07



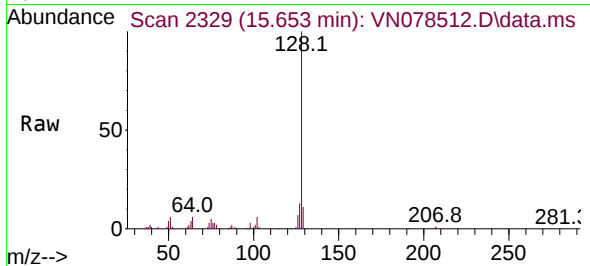
Tgt Ion:225 Resp: 32539
Ion Ratio Lower Upper
225 100
223 62.0 31.3 93.8
227 62.5 31.9 95.9





#95
Naphthalene
Concen: 14.211 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

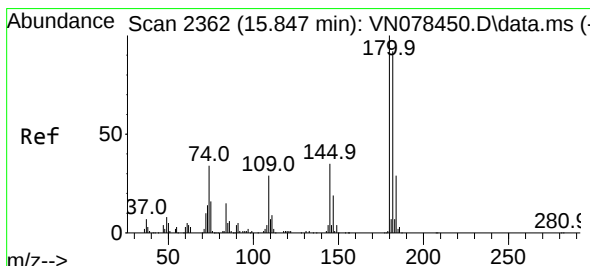
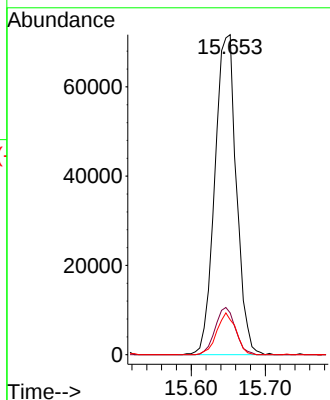
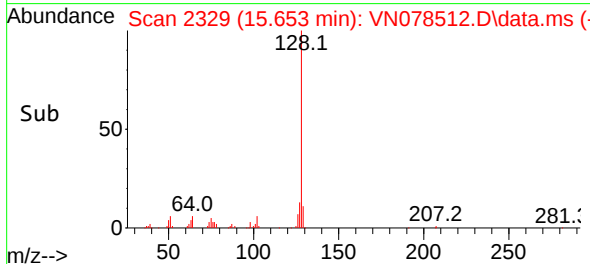
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion:128 Resp: 144770
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.661 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078512.D
Acq: 14 Jul 2023 11:07

Tgt Ion:180 Resp: 57089
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 33.1 17.5 52.6

