

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078196.D
 Acq On : 14 Jun 2023 11:20
 Operator : JC\MD
 Sample : VN0614WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 02:40:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	383806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	681245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	585345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	214237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	258327	50.481	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.960%			
35) Dibromofluoromethane	8.177	113	211512	49.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.200%			
50) Toluene-d8	10.570	98	796786	47.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.960%			
62) 4-Bromofluorobenzene	12.853	95	246535	47.757	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	65132	15.012	ug/l	100
3) Chloromethane	2.371	50	76087	17.454	ug/l	97
4) Vinyl Chloride	2.524	62	94757	16.679	ug/l	97
5) Bromomethane	2.965	94	72093	16.792	ug/l	98
6) Chloroethane	3.124	64	69381	17.915	ug/l	90
7) Trichlorofluoromethane	3.506	101	127349	16.530	ug/l	98
8) Diethyl Ether	3.971	74	46627	17.225	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	73917	18.180	ug/l	99
10) Methyl Iodide	4.606	142	96834	16.841	ug/l	96
11) Tert butyl alcohol	5.530	59	69381	98.191	ug/l	98
12) 1,1-Dichloroethene	4.347	96	69198	16.510	ug/l	95
13) Acrolein	4.194	56	103867	133.375	ug/l	98
14) Allyl chloride	5.036	41	90252	17.641	ug/l	90
15) Acrylonitrile	5.730	53	179786	98.691	ug/l	99
16) Acetone	4.436	43	147314	100.013	ug/l	94
17) Carbon Disulfide	4.724	76	174414	16.168	ug/l	99
18) Methyl Acetate	5.036	43	129353	19.075	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	249533	18.660	ug/l	97
20) Methylene Chloride	5.288	84	85044	17.472	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	75470	16.695	ug/l	96
22) Diisopropyl ether	6.683	45	232736	19.339	ug/l #	90
23) Vinyl Acetate	6.612	43	691193	96.620	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	145847	18.371	ug/l	98
25) 2-Butanone	7.494	43	230719	101.859	ug/l #	81
26) 2,2-Dichloropropane	7.506	77	119993	20.470	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	93705	17.378	ug/l	93
28) Bromochloromethane	7.824	49	76340	20.944	ug/l	90
29) Tetrahydrofuran	7.853	42	144063	95.140	ug/l #	85
30) Chloroform	7.977	83	162408	18.998	ug/l	87
31) Cyclohexane	8.265	56	112377	17.119	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	135870	18.104	ug/l	97
36) 1,1-Dichloropropene	8.382	75	111857	18.104	ug/l	97
37) Ethyl Acetate	7.571	43	94949	19.672	ug/l	94
38) Carbon Tetrachloride	8.371	117	119498	18.317	ug/l	96
39) Methylcyclohexane	9.612	83	102463	16.002	ug/l	95
40) Benzene	8.612	78	341568	18.518	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	54260	20.740	ug/l	89
42) 1,2-Dichloroethane	8.677	62	123316	19.499	ug/l	96
43) Isopropyl Acetate	8.694	43	163652	17.729	ug/l	95
44) Trichloroethene	9.359	130	86666	17.791	ug/l	91
45) 1,2-Dichloropropane	9.629	63	89051	19.404	ug/l	90
46) Dibromomethane	9.712	93	62068	18.362	ug/l	92
47) Bromodichloromethane	9.894	83	123501	19.669	ug/l	99
48) Methyl methacrylate	9.688	41	73845	19.063	ug/l	91
49) 1,4-Dioxane	9.694	88	30648	376.431	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	487422	100.276	ug/l	93
52) Toluene	10.635	92	213578	18.339	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	125070	19.126	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	139608	19.313	ug/l	92
55) 1,1,2-Trichloroethane	11.023	97	87775	19.924	ug/l	99
56) Ethyl methacrylate	10.876	69	123363	19.231	ug/l	92
57) 1,3-Dichloropropane	11.170	76	146430	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	260258	100.432	ug/l	93
59) 2-Hexanone	11.200	43	345132	101.973	ug/l	90
60) Dibromochloromethane	11.365	129	95453	19.800	ug/l	98
61) 1,2-Dibromoethane	11.470	107	88559	19.155	ug/l	98
64) Tetrachloroethene	11.106	164	75170	19.250	ug/l	97
65) Chlorobenzene	11.900	112	228632	18.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	87754	19.033	ug/l	100
67) Ethyl Benzene	11.970	91	393159	18.177	ug/l	96
68) m/p-Xylenes	12.076	106	293864	35.649	ug/l	98
69) o-Xylene	12.406	106	143886	17.775	ug/l	96
70) Styrene	12.417	104	232153	18.217	ug/l	98
71) Bromoform	12.582	173	58136	19.539	ug/l #	100
73) Isopropylbenzene	12.700	105	356769	17.610	ug/l	99
74) N-amyl acetate	12.500	43	120547	18.069	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	126854	21.365	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	96410m	19.036	ug/l	
77) Bromobenzene	12.982	156	84006	17.863	ug/l	99
78) n-propylbenzene	13.041	91	397887	18.077	ug/l	99
79) 2-Chlorotoluene	13.129	91	251284	17.686	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	293253	17.879	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	32950	19.988	ug/l	90
82) 4-Chlorotoluene	13.229	91	231928	17.490	ug/l	98
83) tert-Butylbenzene	13.447	119	243995	17.113	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	282918	17.791	ug/l	96
85) sec-Butylbenzene	13.623	105	308329	16.522	ug/l	99
86) p-Isopropyltoluene	13.735	119	250984	16.574	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	134517	16.910	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	131511	17.133	ug/l	99
89) n-Butylbenzene	14.059	91	181651	15.208	ug/l	98
90) Hexachloroethane	14.341	117	45334	16.869	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	141789	18.238	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19403	19.336	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	38729	13.981	ug/l	94
94) Hexachlorobutadiene	15.511	225	23269	15.277	ug/l	97
95) Naphthalene	15.647	128	127395	13.672	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	46580	15.035	ug/l	99

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ClientSampleId :
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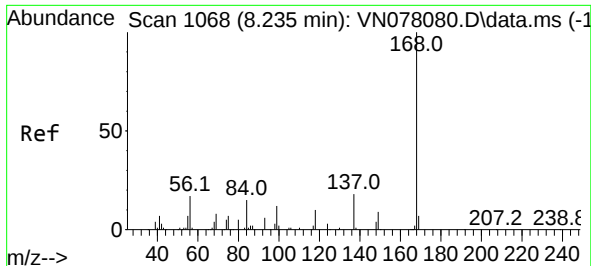
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
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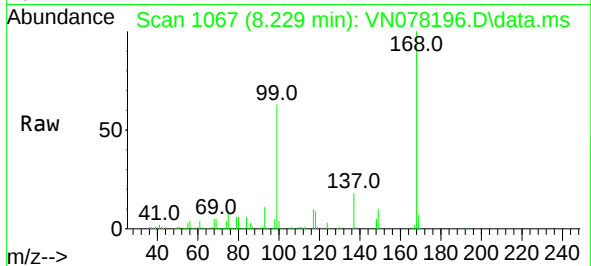
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

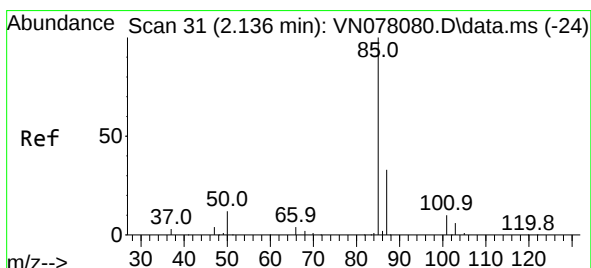
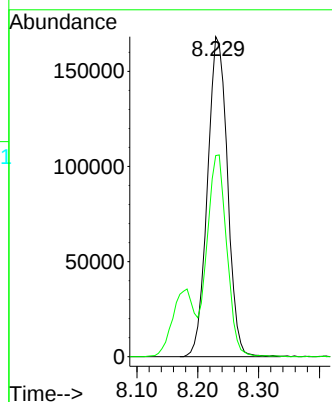
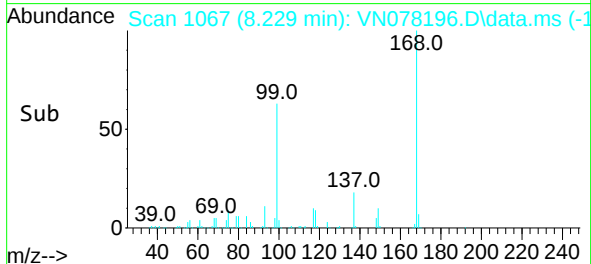
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



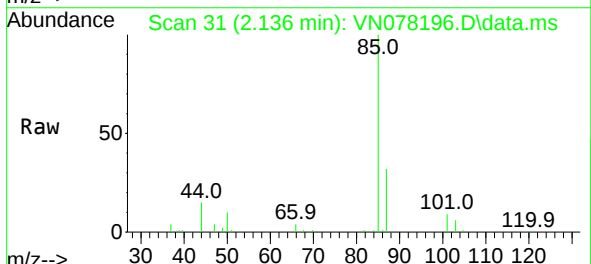
Tgt Ion:168 Resp: 383800
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6

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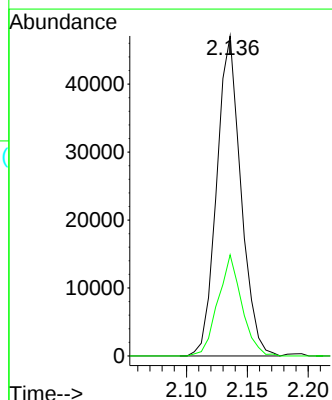
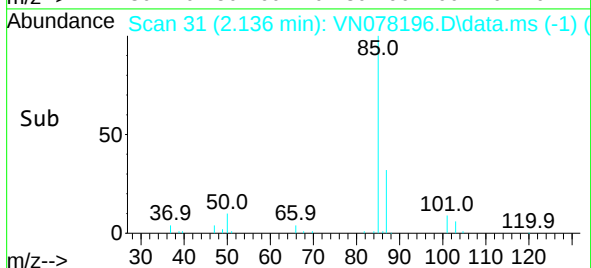
Reviewed By :John Carlone 06/15/2023
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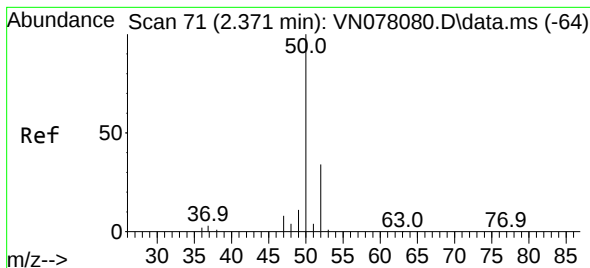


#2
Dichlorodifluoromethane
Concen: 15.012 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



Tgt Ion: 85 Resp: 65132
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3

Chloromethane

Concen: 17.454 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01

Tgt Ion: 50 Resp: 7608

Ion Ratio Lower Upper

50 100

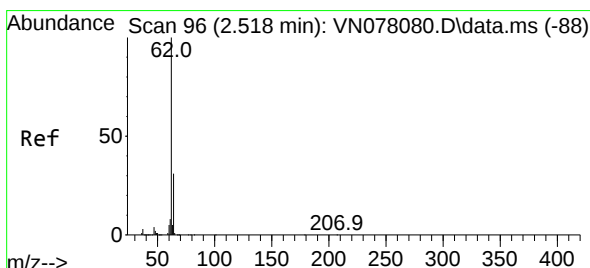
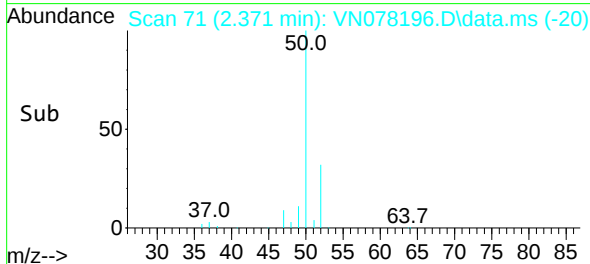
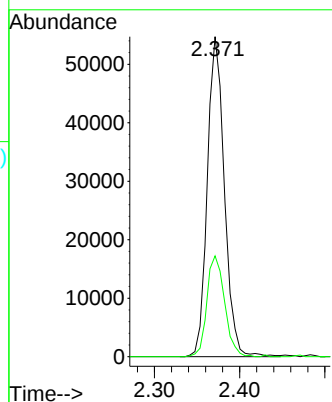
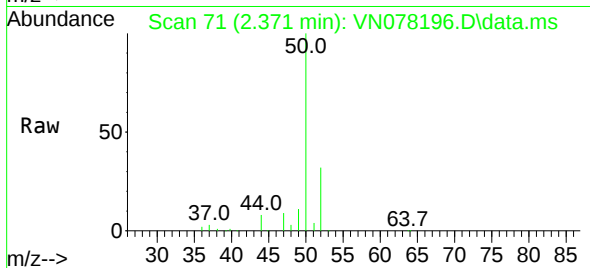
52 31.5 26.5 39.7

Manual Integrations

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Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#4

Vinyl Chloride

Concen: 16.679 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078196.D

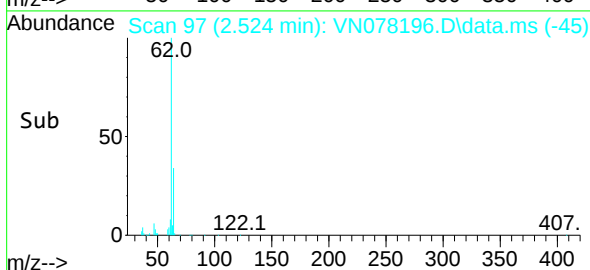
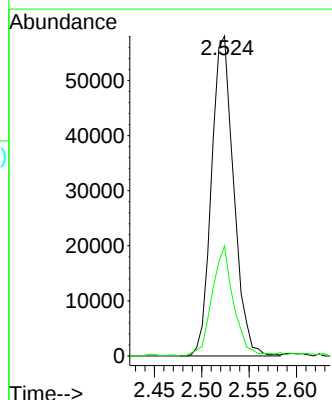
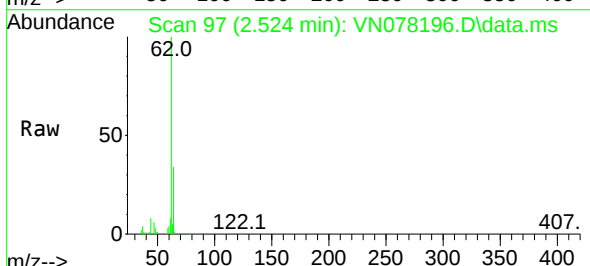
Acq: 14 Jun 2023 11:20

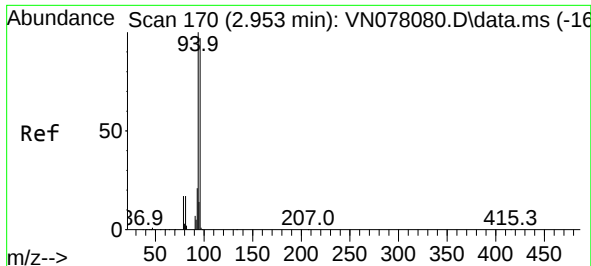
Tgt Ion: 62 Resp: 94757

Ion Ratio Lower Upper

62 100

64 34.4 26.2 39.2





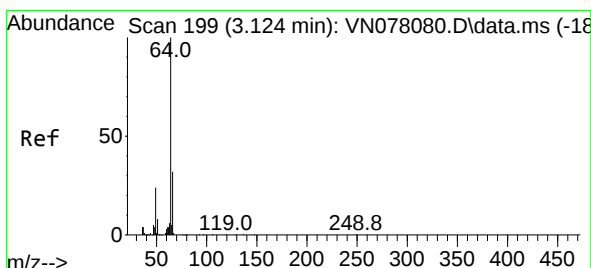
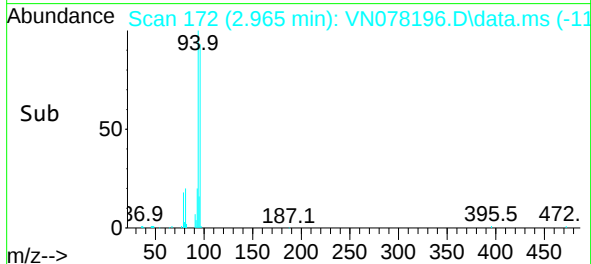
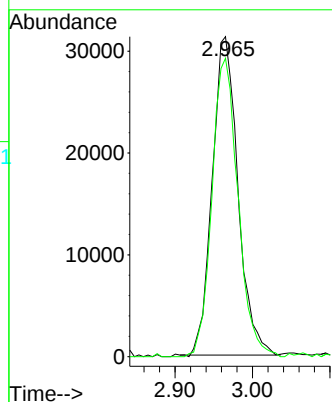
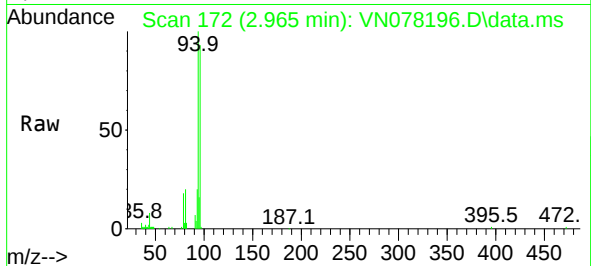
#5
Bromomethane
Concen: 16.792 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 7209
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7

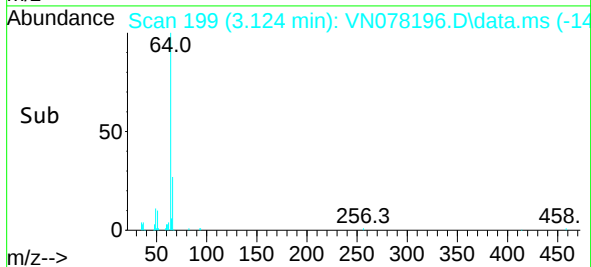
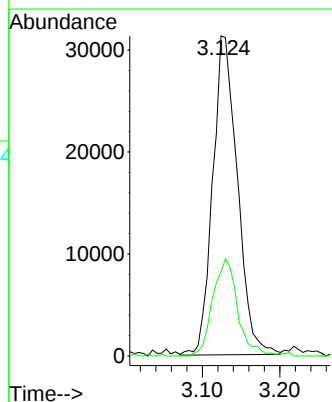
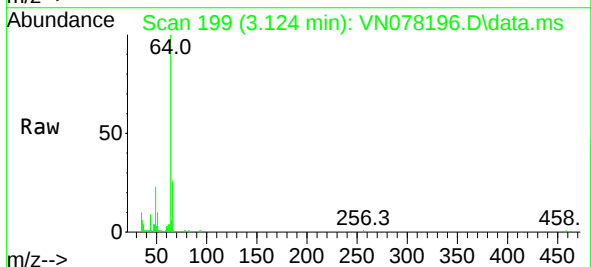
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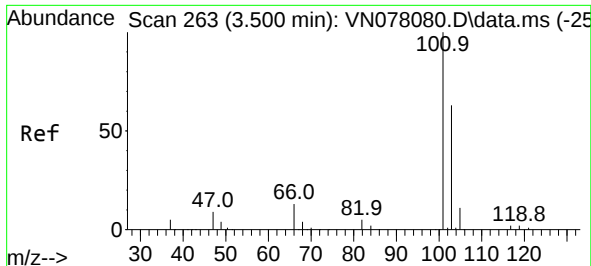
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#6
Chloroethane
Concen: 17.915 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion: 64 Resp: 69381
Ion Ratio Lower Upper
64 100
66 26.4 25.4 38.2





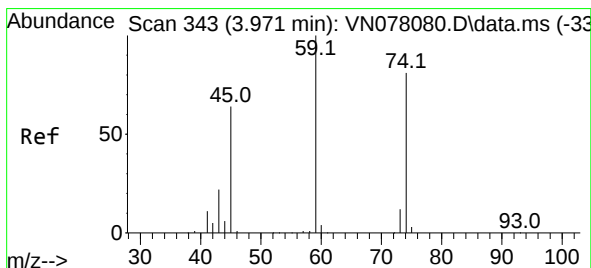
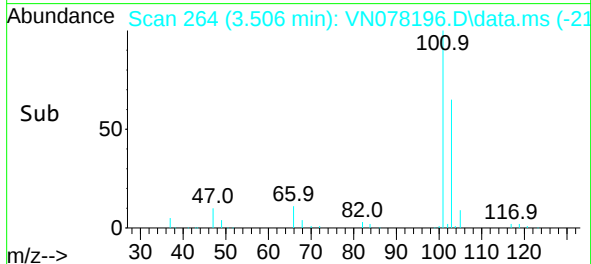
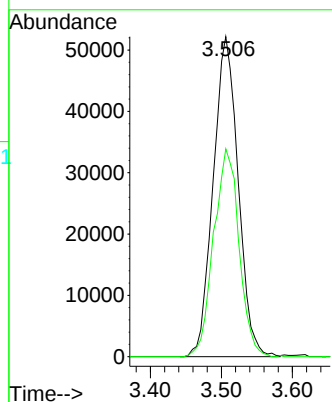
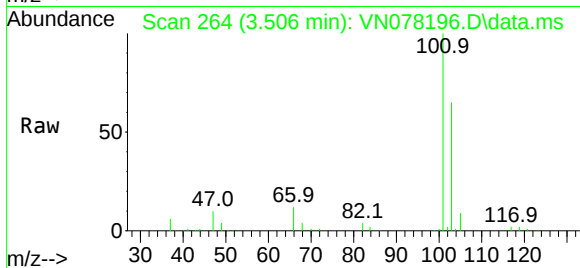
#7
Trichlorofluoromethane
Concen: 16.530 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion:101 Resp: 127349
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1

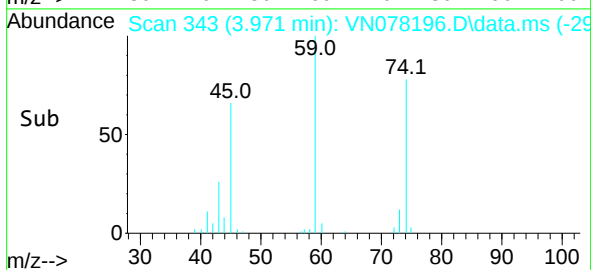
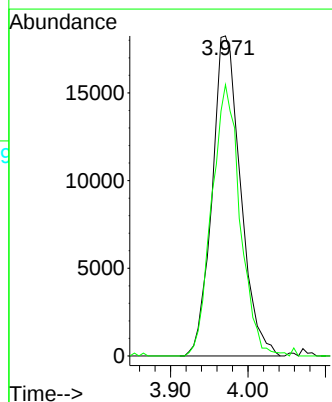
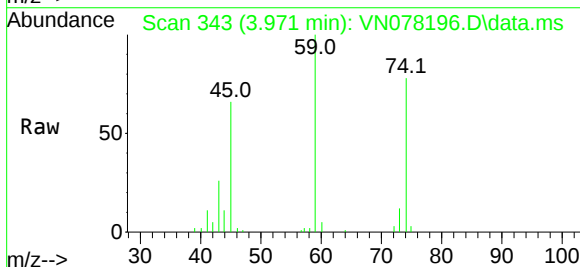
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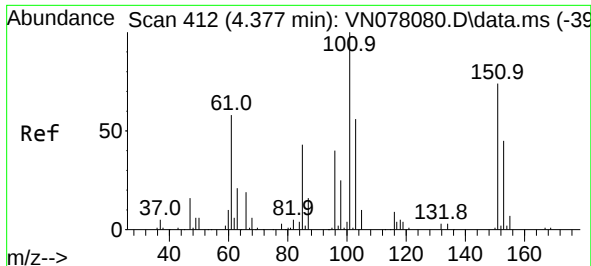
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#8
Diethyl Ether
Concen: 17.225 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion: 74 Resp: 46627
Ion Ratio Lower Upper
74 100
45 84.4 34.4 103.3





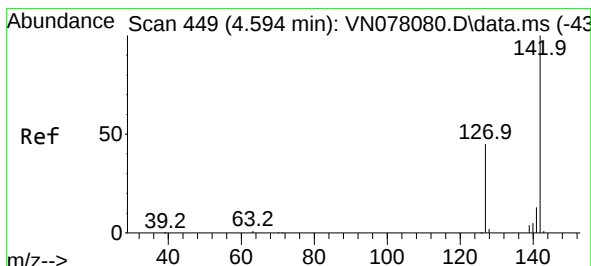
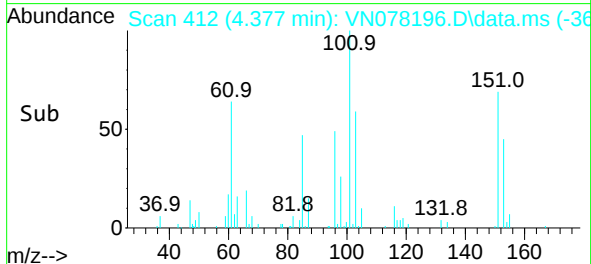
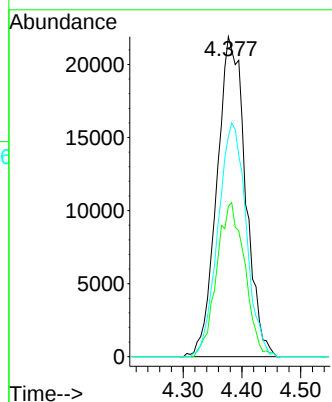
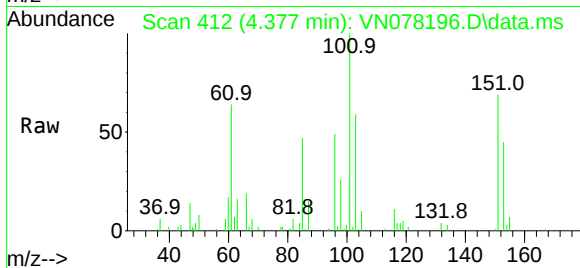
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.180 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion:101 Resp: 7391
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 71.7 57.6 86.4

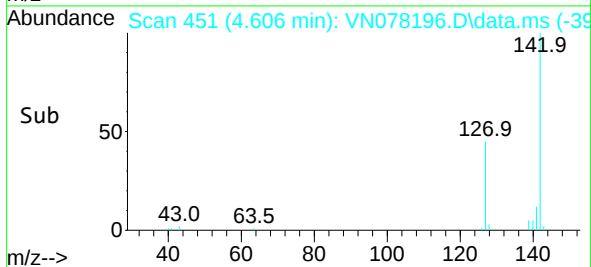
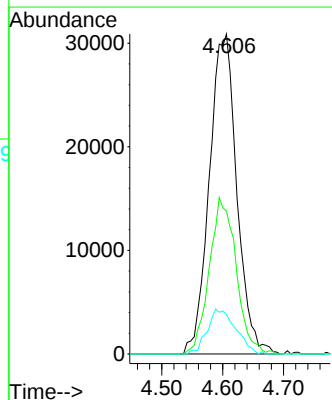
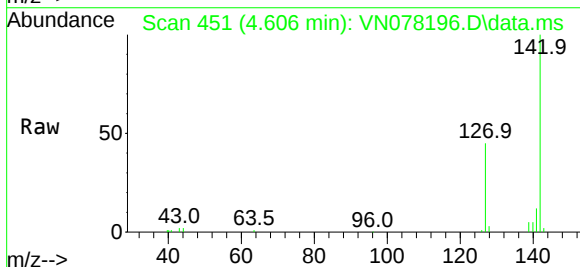
Manual Integrations
APPROVED

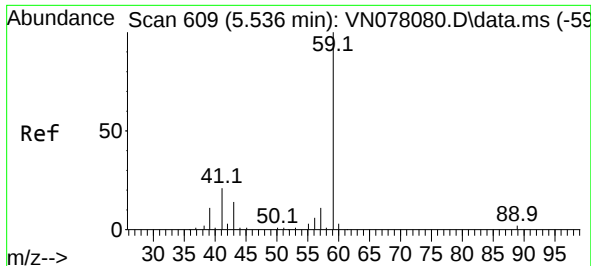
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#10
Methyl Iodide
Concen: 16.841 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

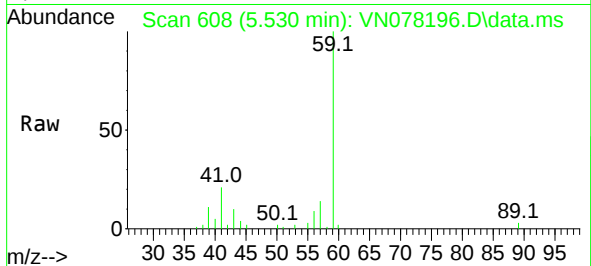
Tgt Ion:142 Resp: 96834
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 12.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 98.191 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

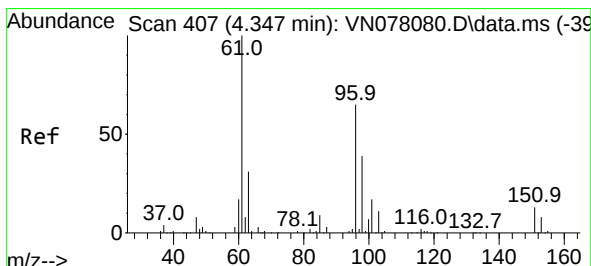
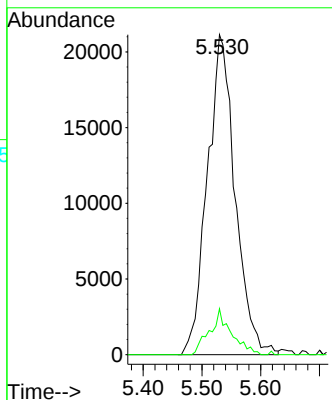
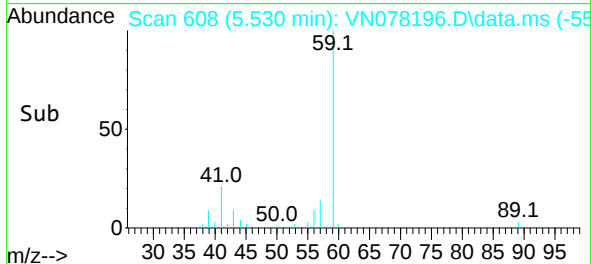
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



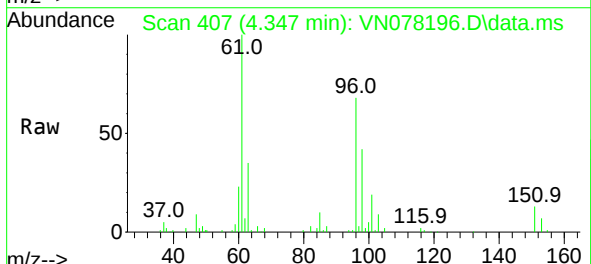
Tgt Ion: 59 Resp: 6938
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

Manual Integrations
APPROVED

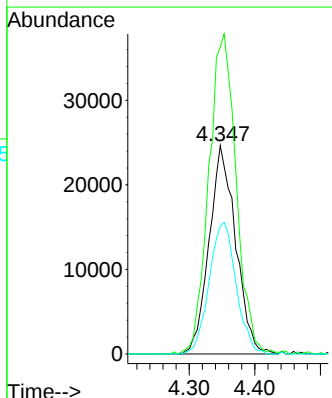
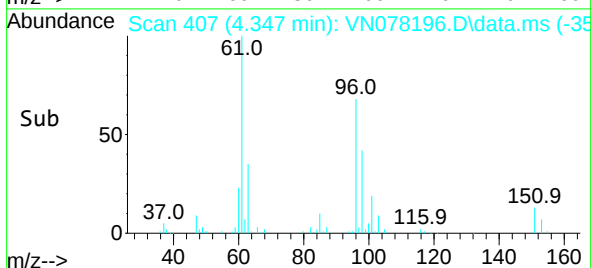
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

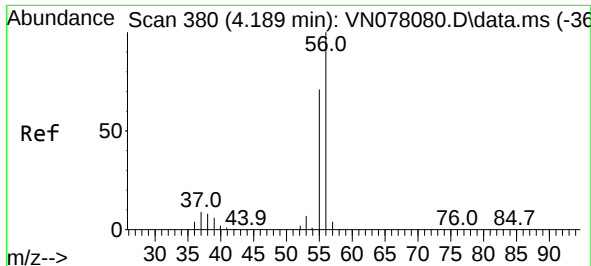


#12
1,1-Dichloroethene
Concen: 16.510 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



Tgt Ion: 96 Resp: 69198
Ion Ratio Lower Upper
96 100
61 147.3 112.7 169.1
98 61.3 51.2 76.8





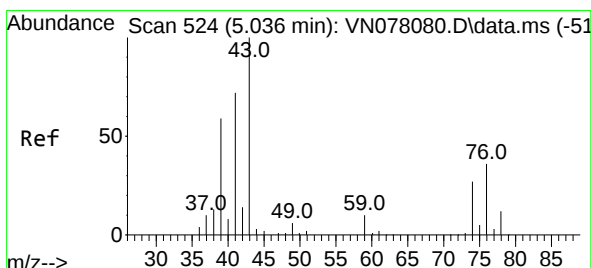
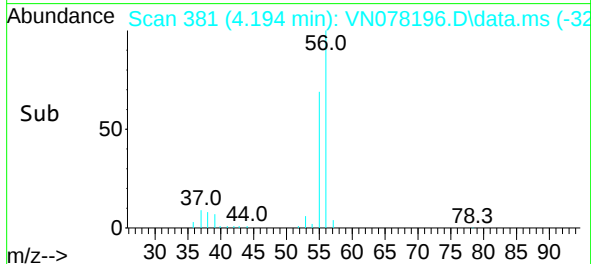
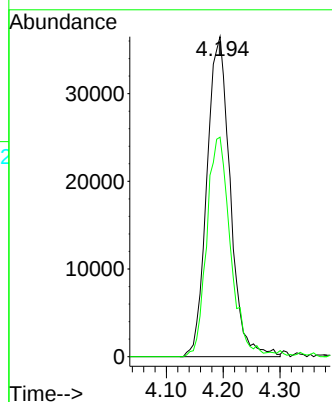
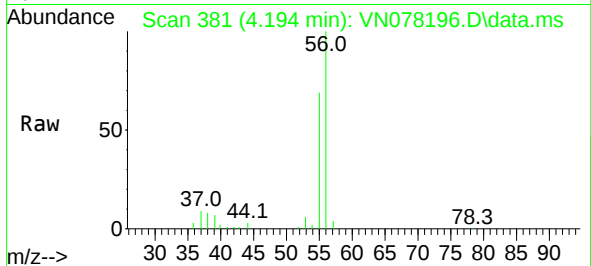
#13
Acrolein
Concen: 133.375 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion: 56 Resp: 10386
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

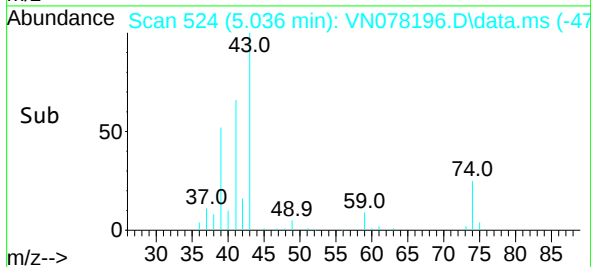
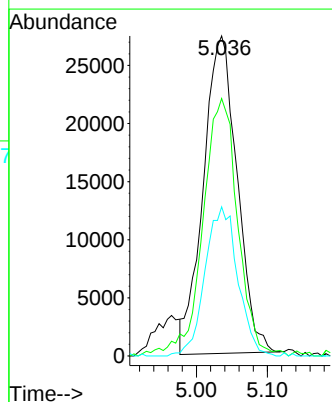
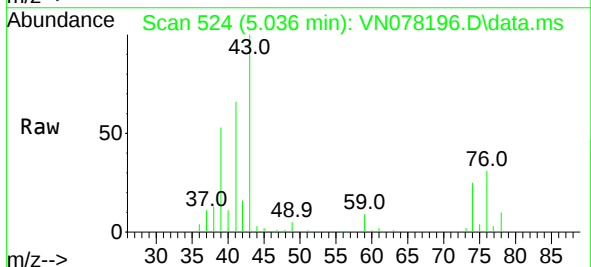
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#14
Allyl chloride
Concen: 17.641 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

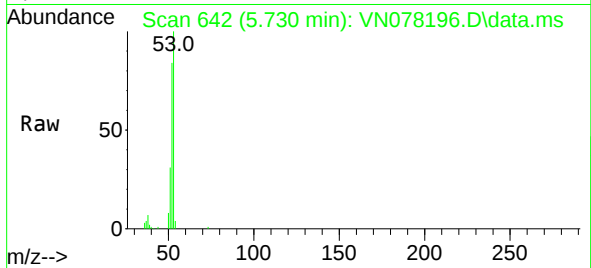
Tgt Ion: 41 Resp: 90252
Ion Ratio Lower Upper
41 100
39 84.0 58.8 88.2
76 45.4 39.1 58.7





#15
Acrylonitrile
Concen: 98.691 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

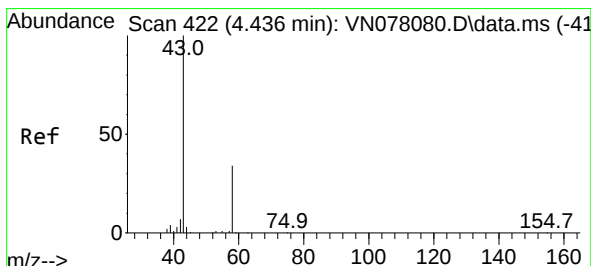
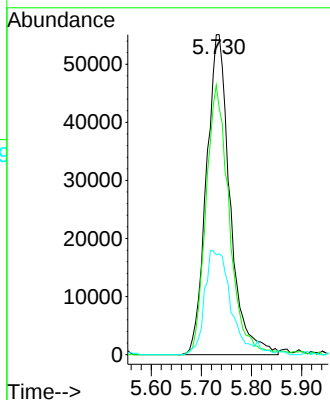
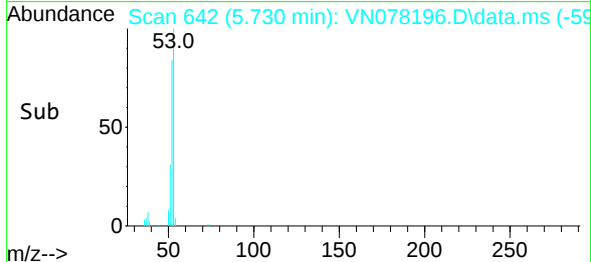
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



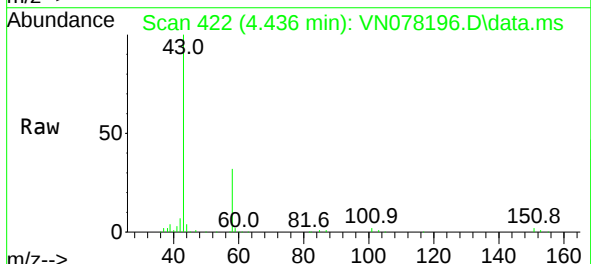
Tgt Ion: 53 Resp: 179780
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.8 28.9 43.3

Manual Integrations
APPROVED

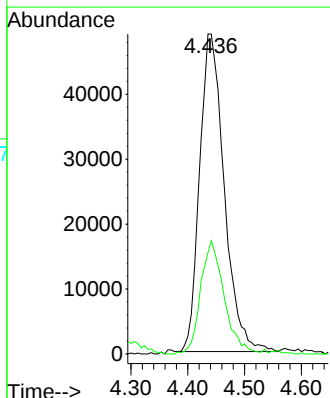
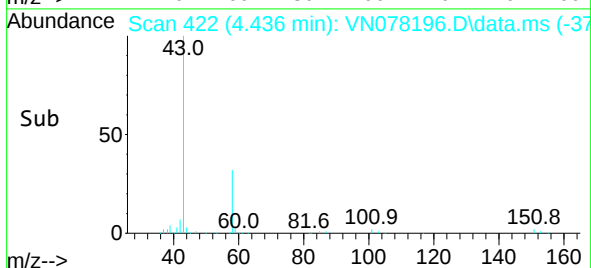
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

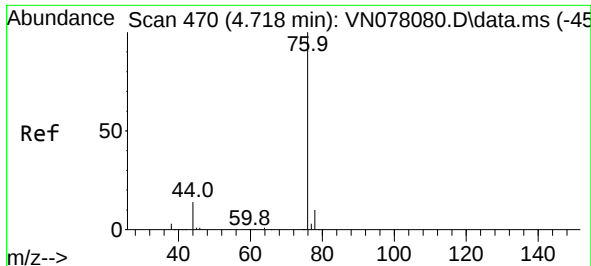


#16
Acetone
Concen: 100.013 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



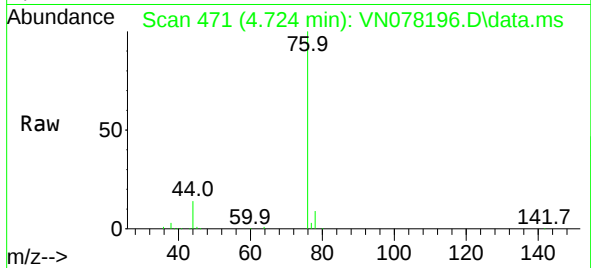
Tgt Ion: 43 Resp: 147314
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





#17
Carbon Disulfide
Concen: 16.168 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

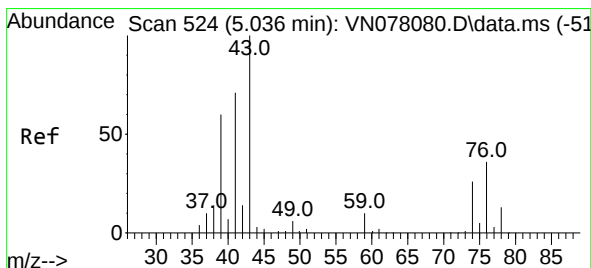
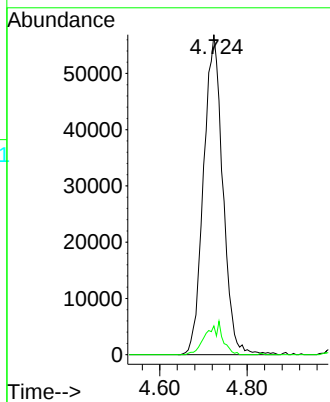
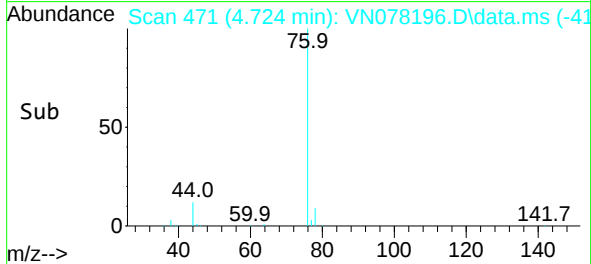
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



Tgt Ion: 76 Resp: 174414
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

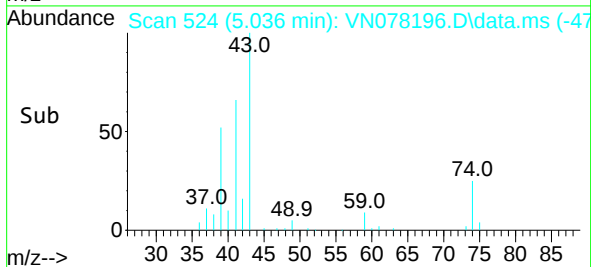
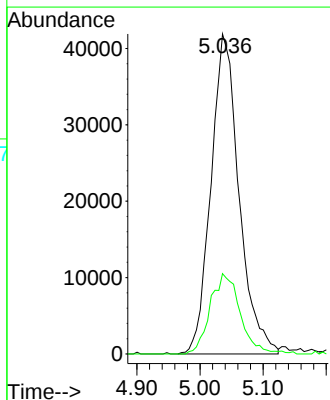
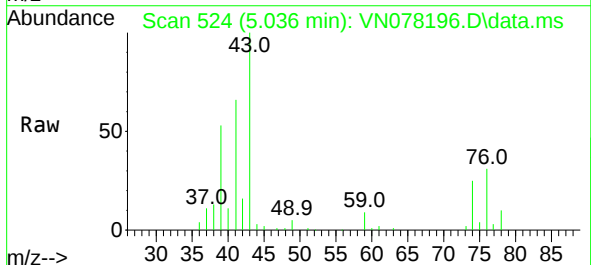
Manual Integrations
APPROVED

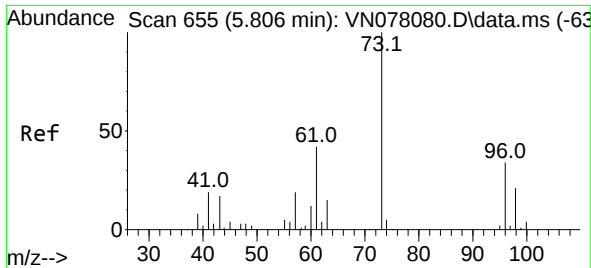
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#18
Methyl Acetate
Concen: 19.075 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion: 43 Resp: 129353
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





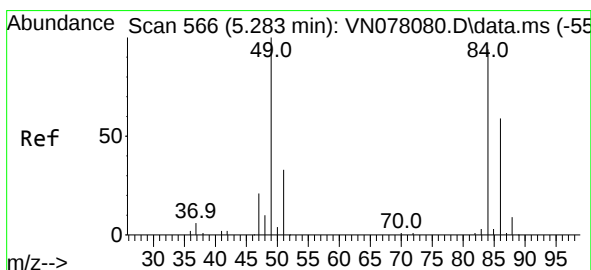
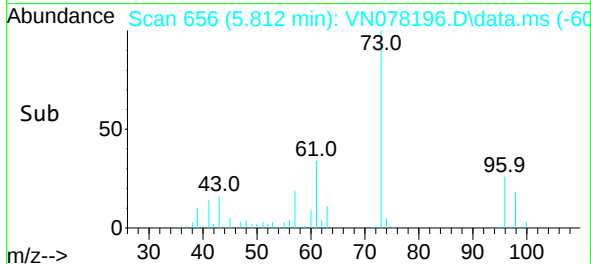
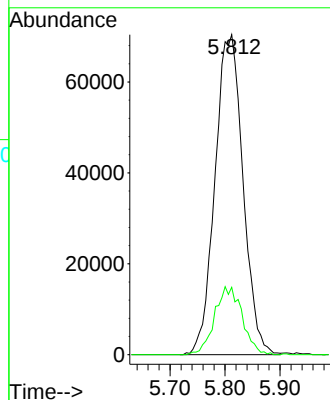
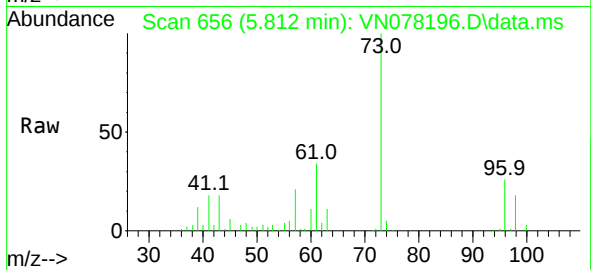
#19
Methyl tert-butyl Ether
Concen: 18.660 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion: 73 Resp: 24953
Ion Ratio Lower Upper
73 100
57 21.1 15.6 23.4

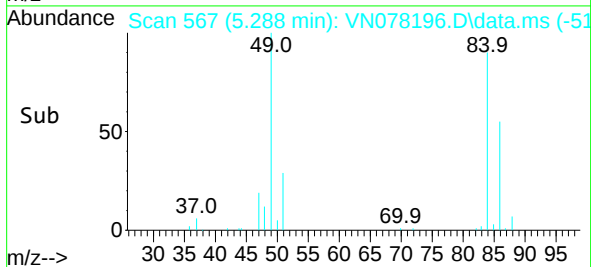
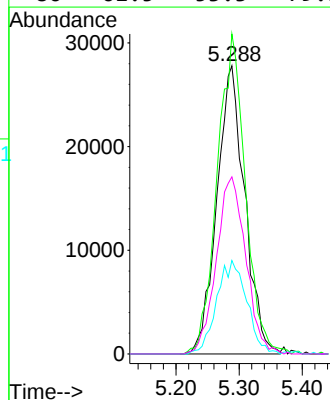
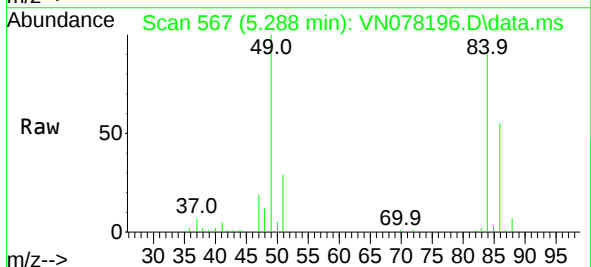
Manual Integrations
APPROVED

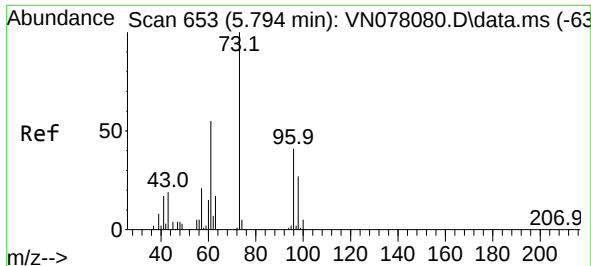
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#20
Methylene Chloride
Concen: 17.472 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

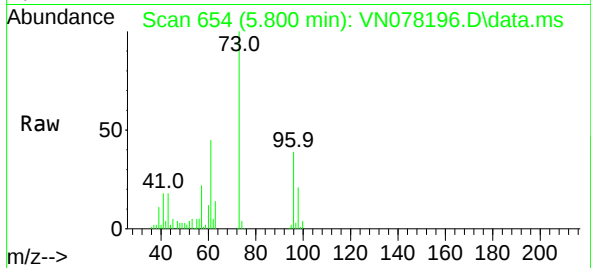
Tgt Ion: 84 Resp: 85044
Ion Ratio Lower Upper
84 100
49 111.1 79.7 119.5
51 32.4 25.2 37.8
86 61.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 16.695 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

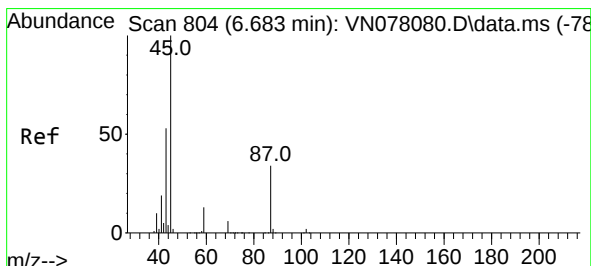
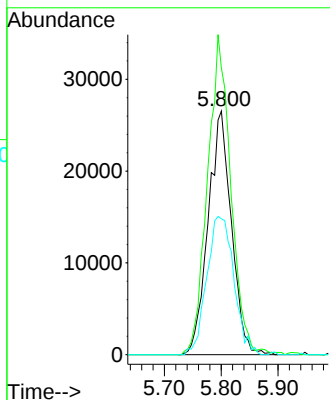
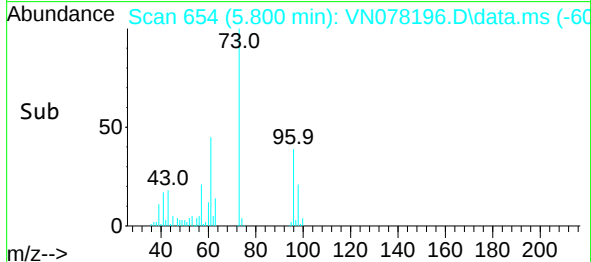
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



Tgt Ion: 96 Resp: 75470
Ion Ratio Lower Upper
96 100
61 117.6 90.1 135.1
98 55.7 46.4 69.6

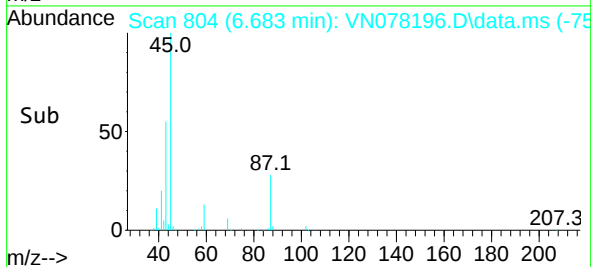
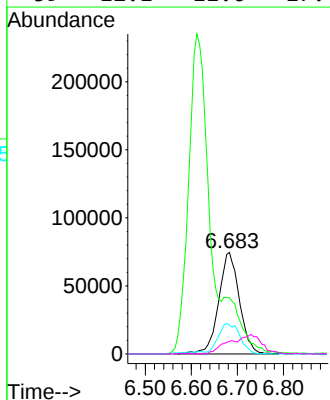
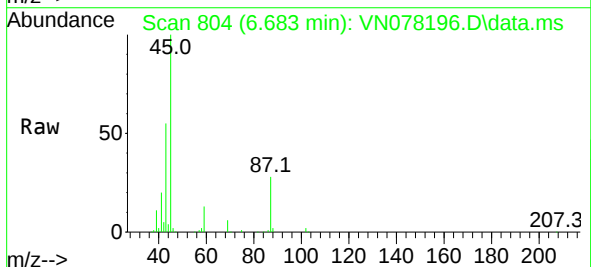
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#22
Diisopropyl ether
Concen: 19.339 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

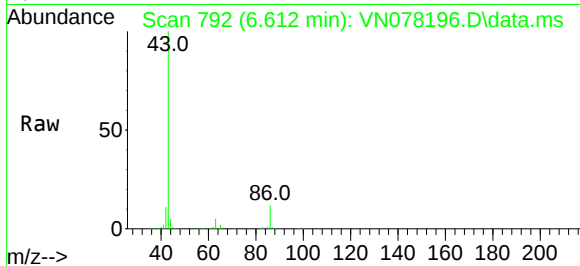
Tgt Ion: 45 Resp: 232736
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 28.4 31.8 47.8#
59 12.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 96.620 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078196.D
 Acq: 14 Jun 2023 11:20

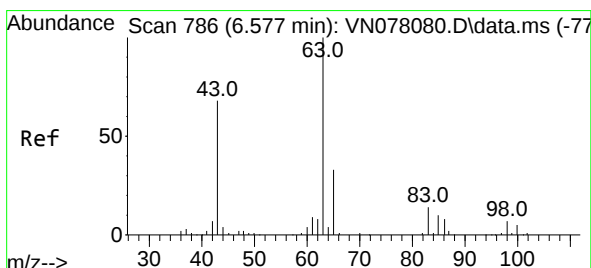
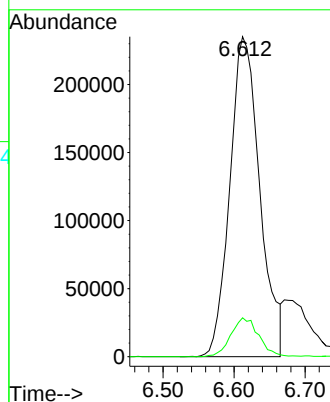
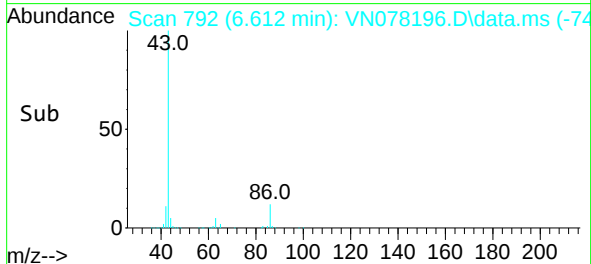
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBSD01



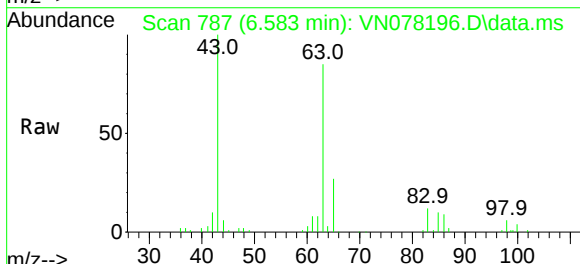
Tgt Ion: 43 Resp: 691193
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations
 APPROVED

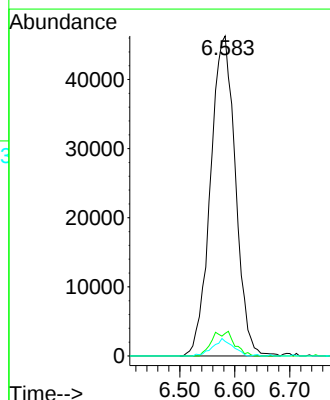
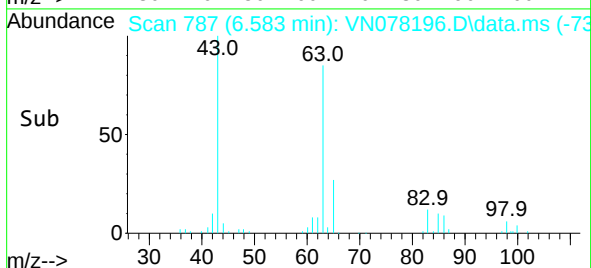
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023



#24
 1,1-Dichloroethane
 Concen: 18.371 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078196.D
 Acq: 14 Jun 2023 11:20



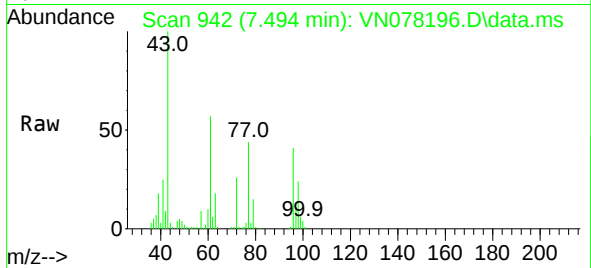
Tgt Ion: 63 Resp: 145847
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 101.859 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

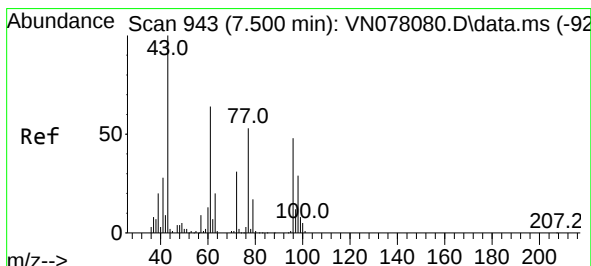
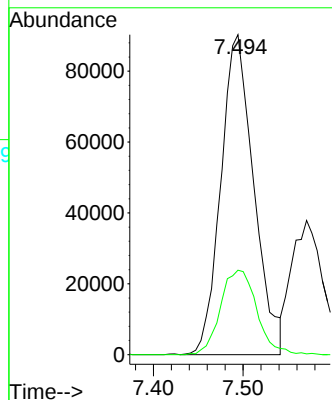
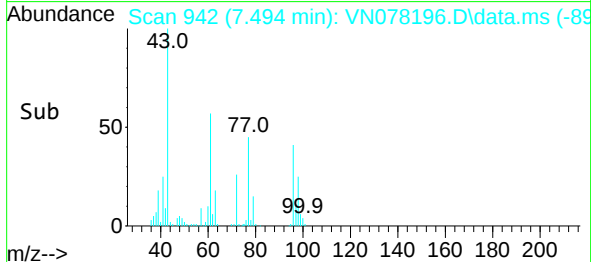
Instrument :
MSVOA_N
Client Sample Id :
VN0614WBSD01



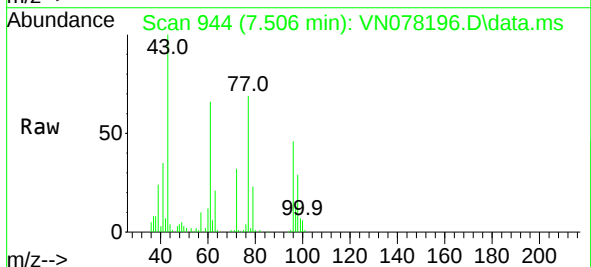
Tgt Ion: 43 Resp: 230719
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2

Manual Integrations
APPROVED

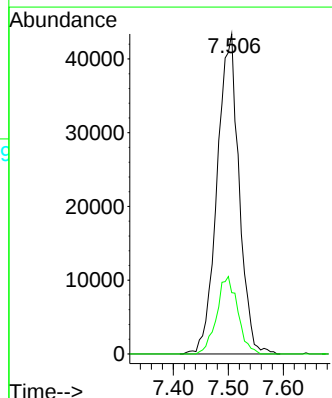
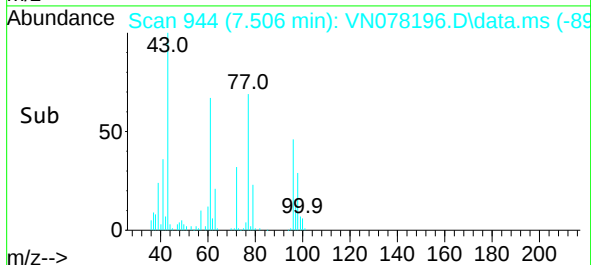
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#26
2,2-Dichloropropane
Concen: 20.470 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



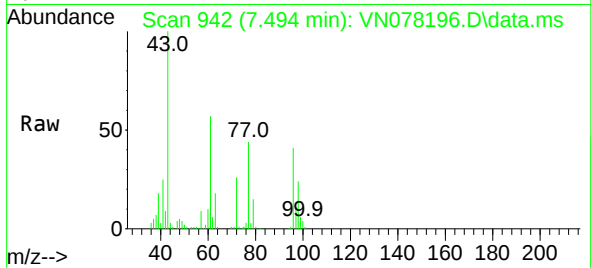
Tgt Ion: 77 Resp: 119993
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.378 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078196.D
 Acq: 14 Jun 2023 11:20

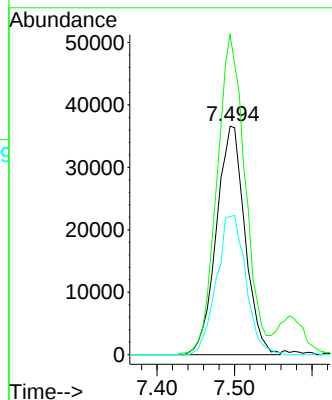
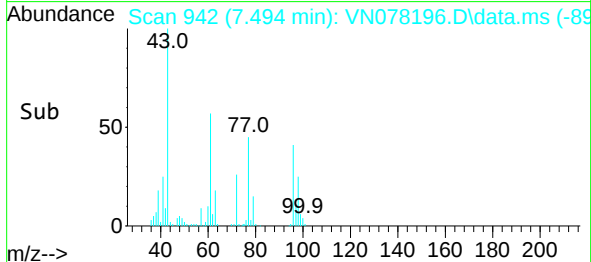
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBSD01



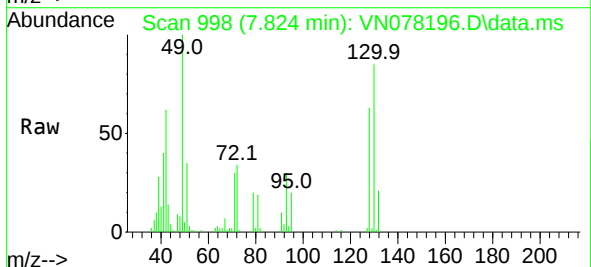
Tgt Ion: 96 Resp: 9370
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 255.2
 98 62.7 0.0 128.8

Manual Integrations
 APPROVED

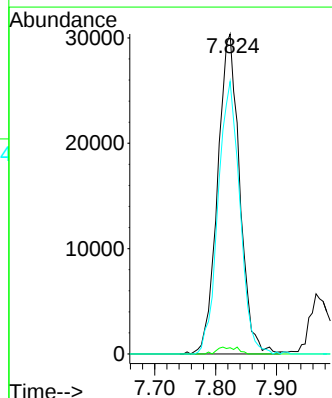
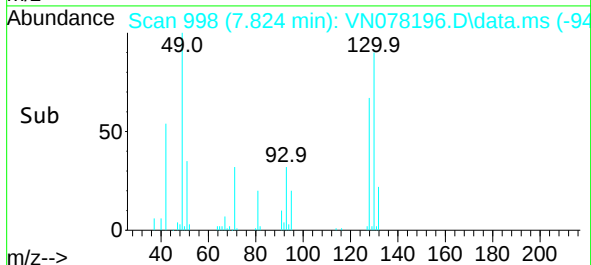
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

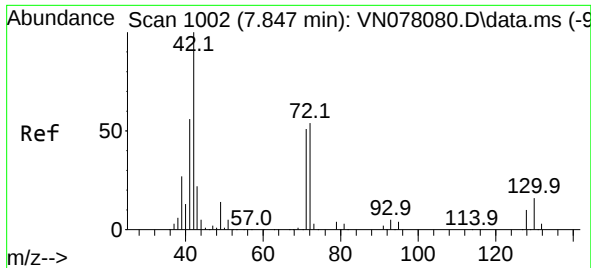


#28
 Bromochloromethane
 Concen: 20.944 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078196.D
 Acq: 14 Jun 2023 11:20



Tgt Ion: 49 Resp: 76340
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 84.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 95.140 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078196.D

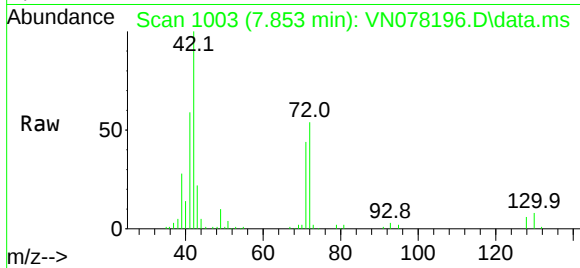
Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01



Tgt Ion: 42 Resp: 144063

Ion Ratio Lower Upper

42 100

72 51.6 49.8 74.6

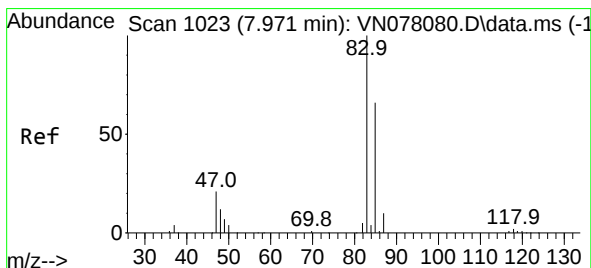
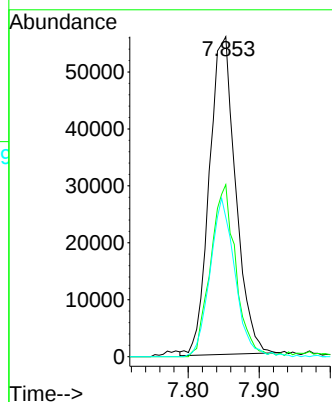
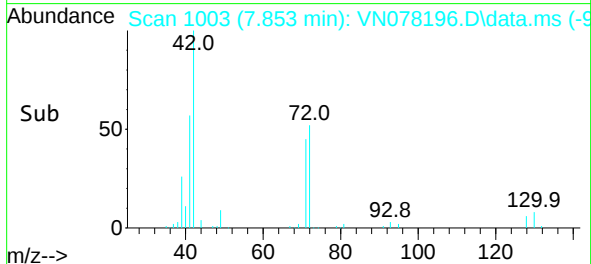
71 47.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#30

Chloroform

Concen: 18.998 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078196.D

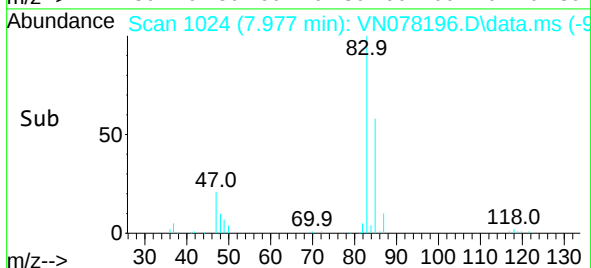
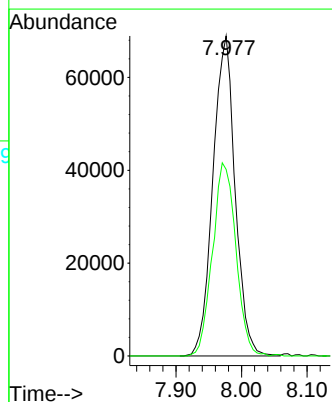
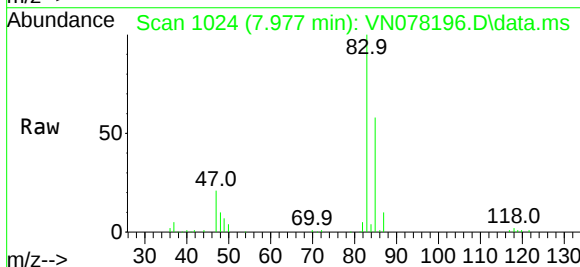
Acq: 14 Jun 2023 11:20

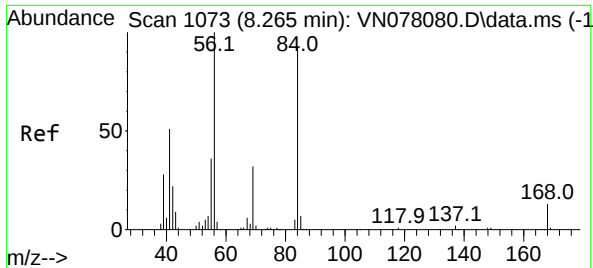
Tgt Ion: 83 Resp: 162408

Ion Ratio Lower Upper

83 100

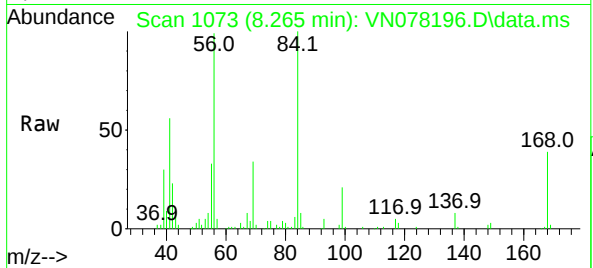
85 58.3 55.4 83.0





#31
Cyclohexane
Concen: 17.119 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

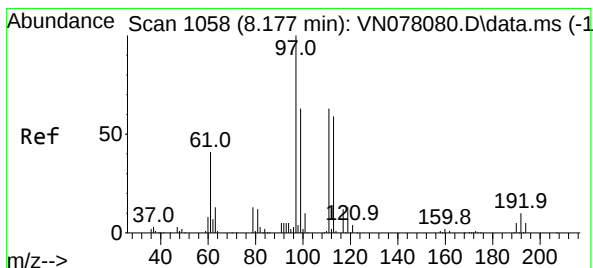
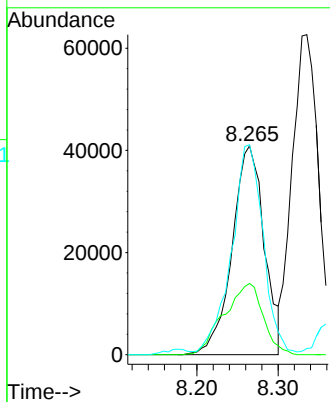
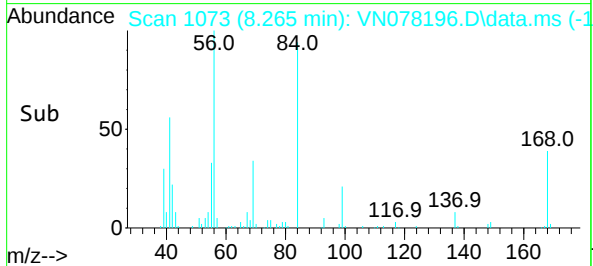
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



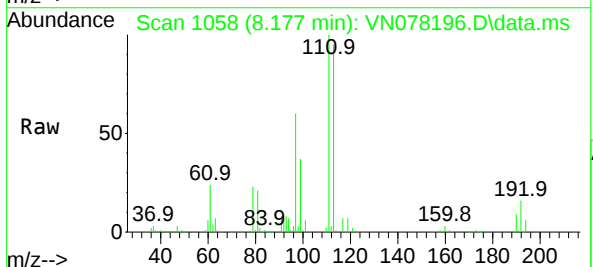
Tgt Ion: 56 Resp: 11237
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 97.9 81.8 122.6

Manual Integrations
APPROVED

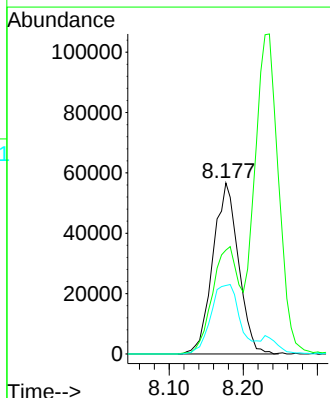
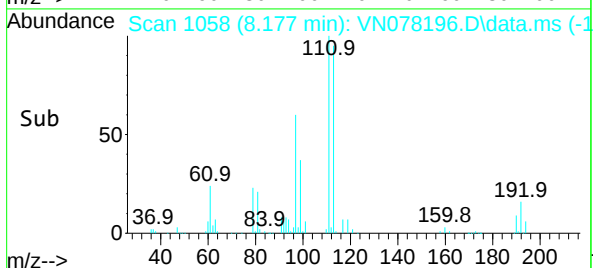
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

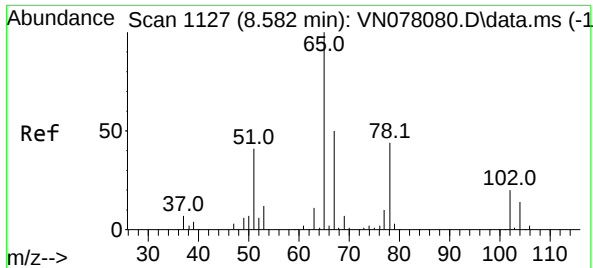


#32
1,1,1-Trichloroethane
Concen: 18.104 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



Tgt Ion: 97 Resp: 135870
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.481 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01

Tgt Ion: 65 Resp: 25832

Ion Ratio Lower Upper

65 100

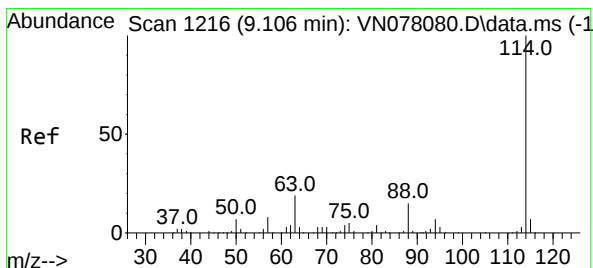
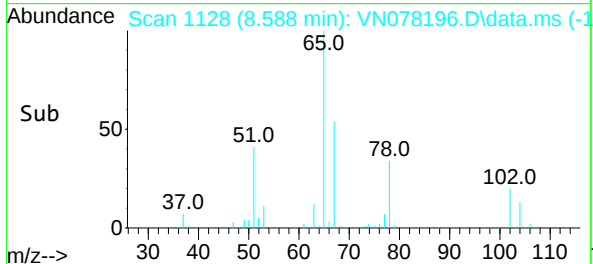
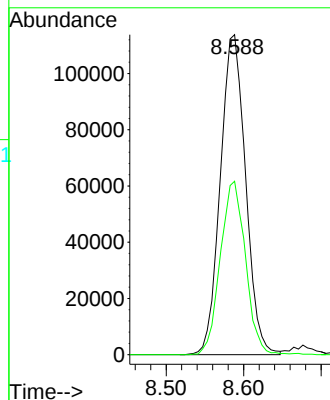
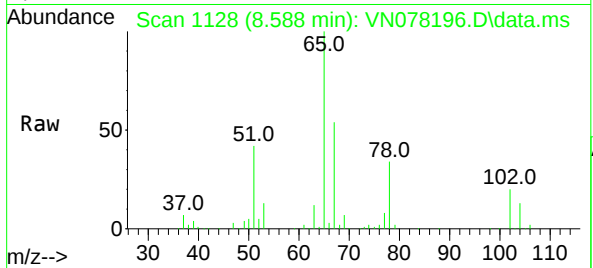
67 53.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

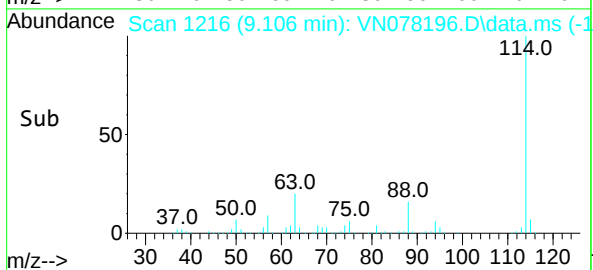
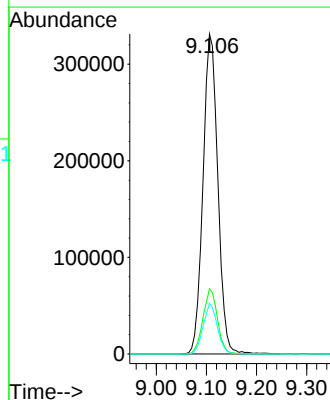
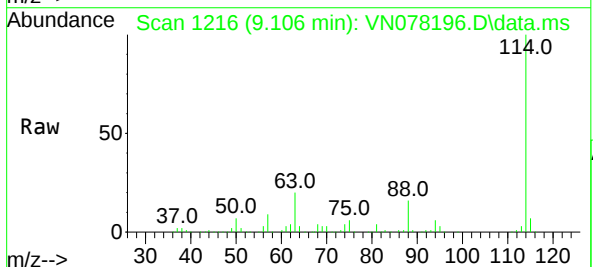
Tgt Ion:114 Resp: 681245

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.104 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078196.D

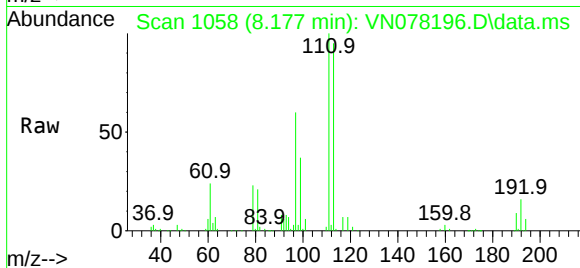
Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01



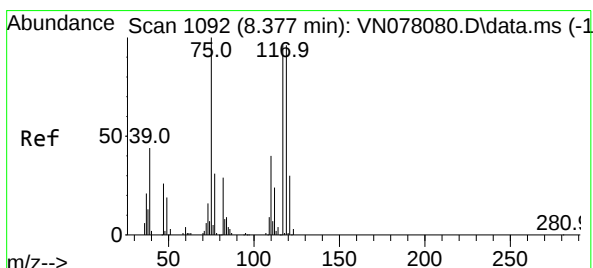
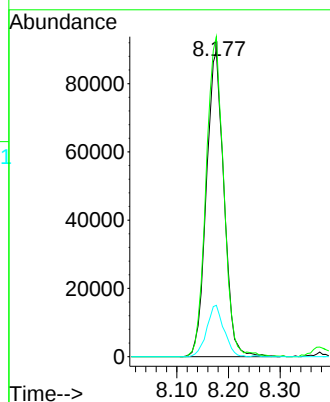
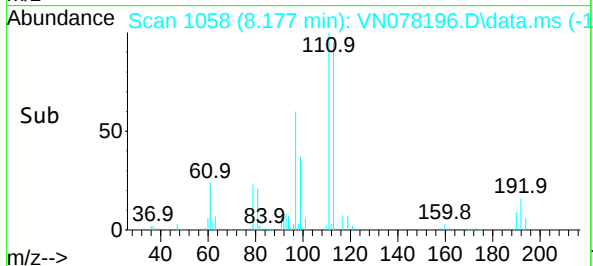
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	123.8
192	16.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#36

1,1-Dichloropropene

Concen: 18.104 ug/l

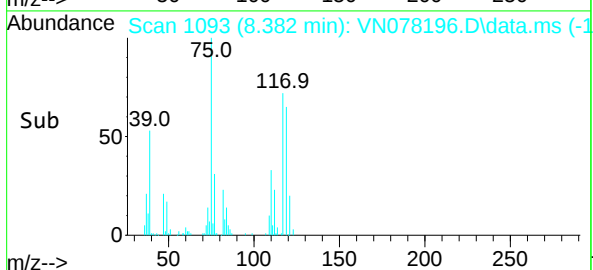
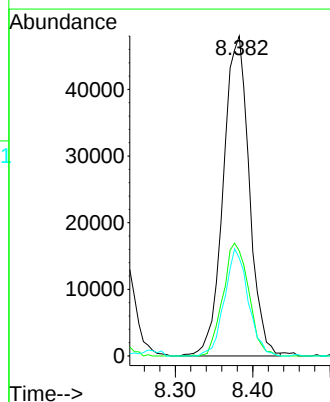
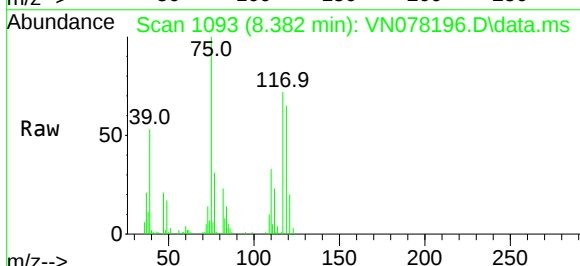
RT: 8.382 min Scan# 1093

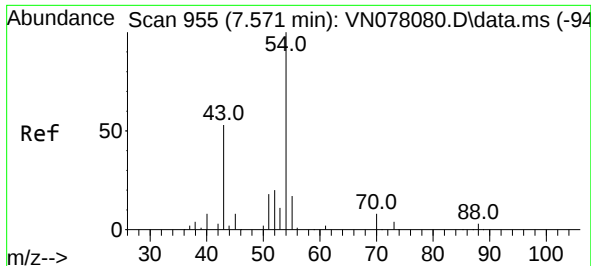
Delta R.T. 0.006 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

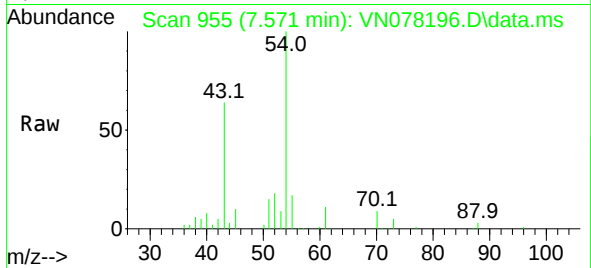
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	19.1	57.3
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 19.672 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

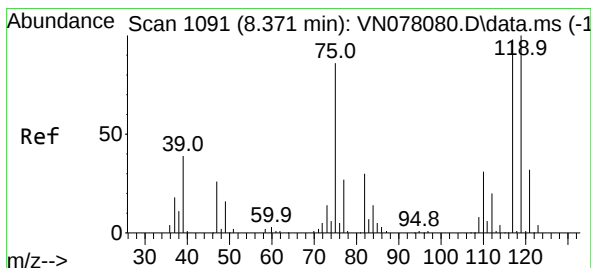
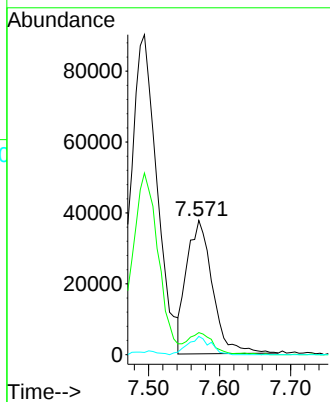
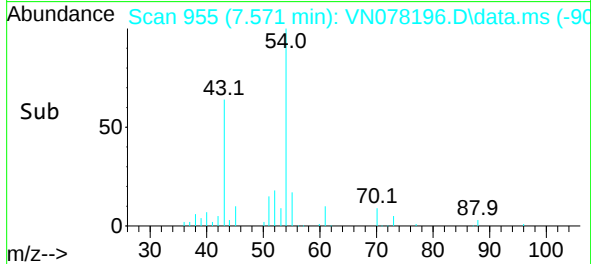
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



Tgt Ion: 43 Resp: 94949
Ion Ratio Lower Upper
43 100
61 13.9 13.2 19.8
70 12.0 11.3 16.9

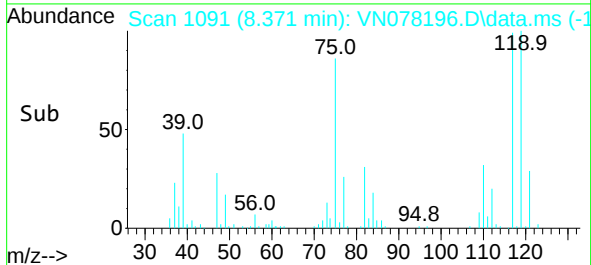
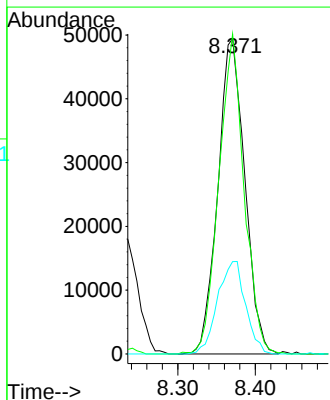
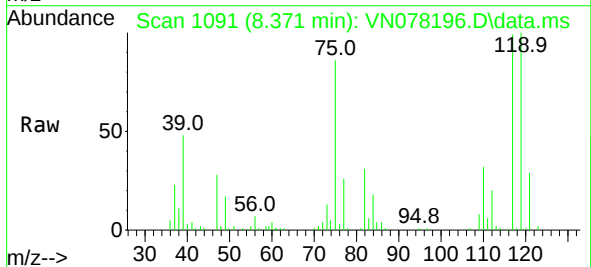
Manual Integrations
APPROVED

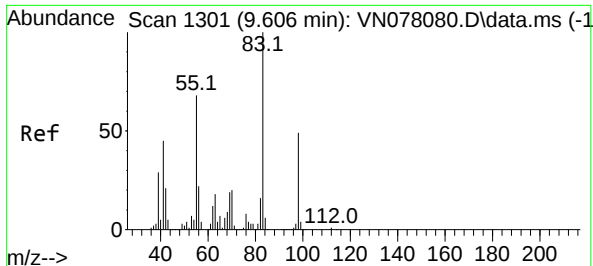
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#38
Carbon Tetrachloride
Concen: 18.317 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion:117 Resp: 119498
Ion Ratio Lower Upper
117 100
119 101.5 77.3 115.9
121 29.3 23.3 34.9





#39

Methylcyclohexane

Concen: 16.002 ug/l

RT: 9.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01

Tgt Ion: 83 Resp: 10246

Ion Ratio Lower Upper

83 100

55 63.8 49.1 73.7

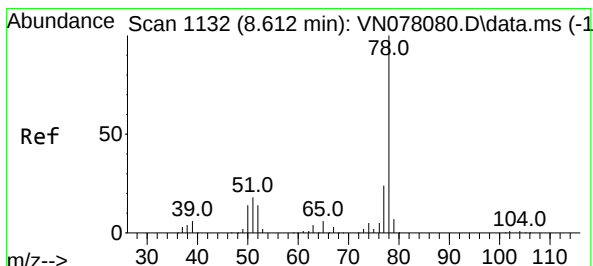
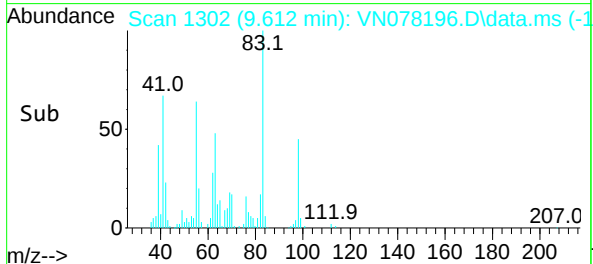
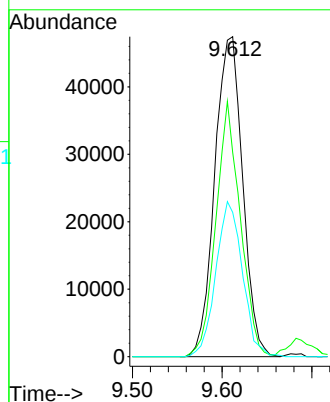
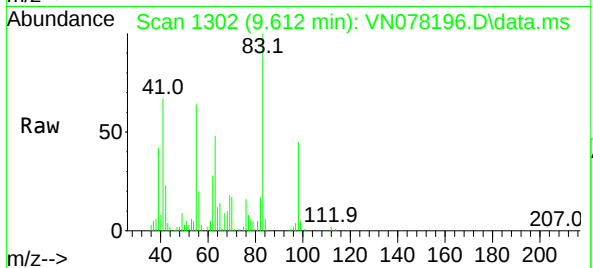
98 45.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#40

Benzene

Concen: 18.518 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078196.D

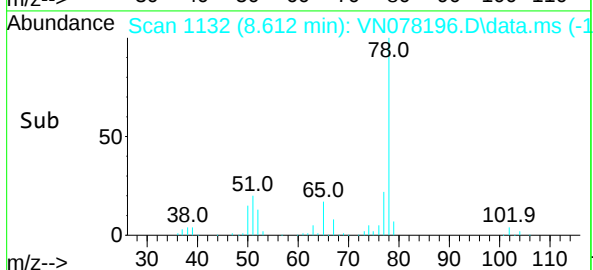
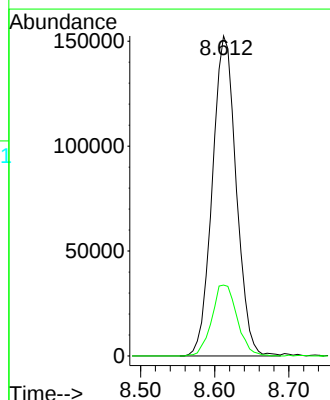
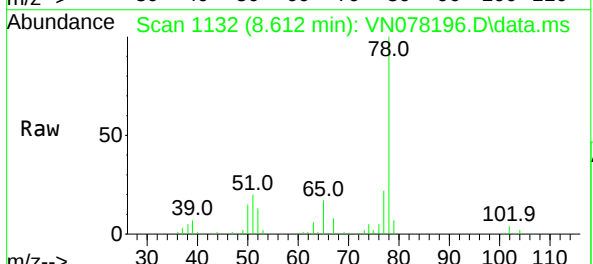
Acq: 14 Jun 2023 11:20

Tgt Ion: 78 Resp: 341568

Ion Ratio Lower Upper

78 100

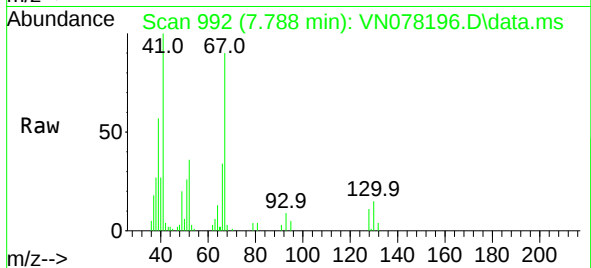
77 22.1 19.0 28.6





#41
Methacrylonitrile
Concen: 20.740 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

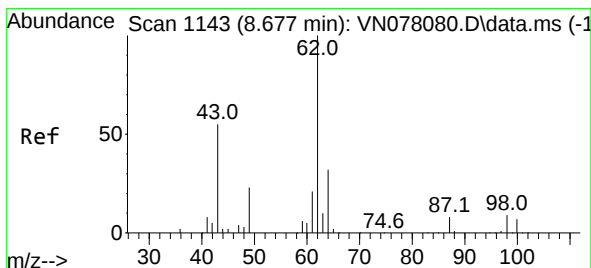
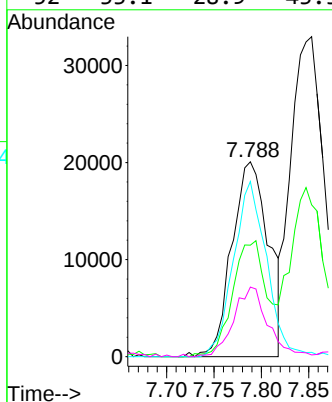
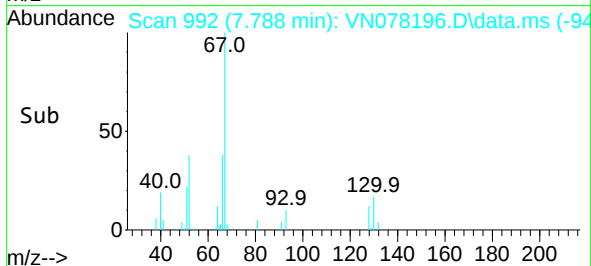
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



Tgt Ion: 41 Resp: 54260
Ion Ratio Lower Upper
41 100
39 56.8 42.6 64.0
67 81.4 77.5 116.3
52 33.1 28.9 43.3

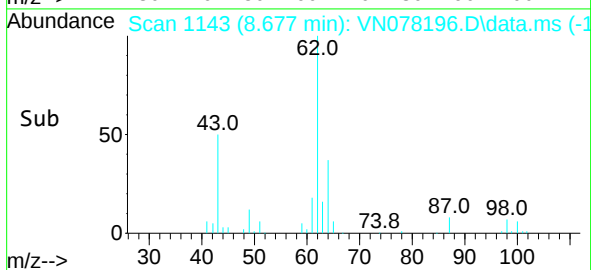
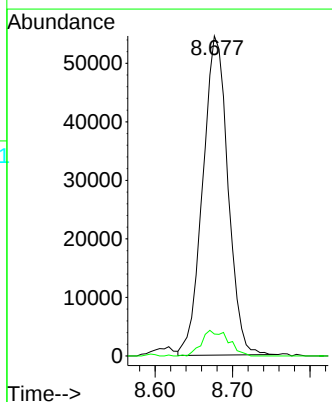
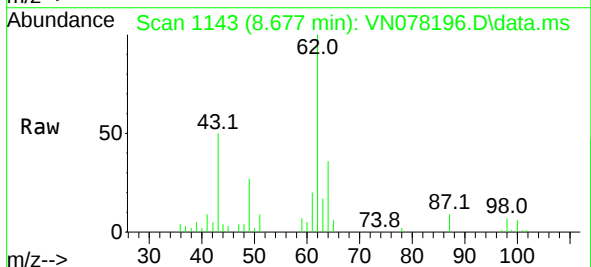
Manual Integrations
APPROVED

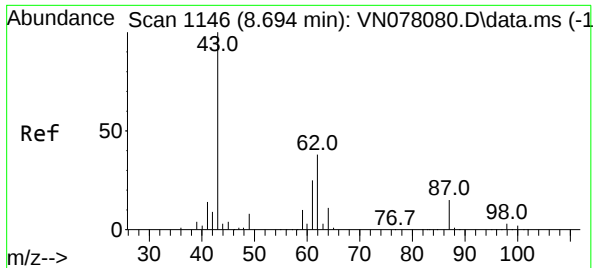
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#42
1,2-Dichloroethane
Concen: 19.499 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

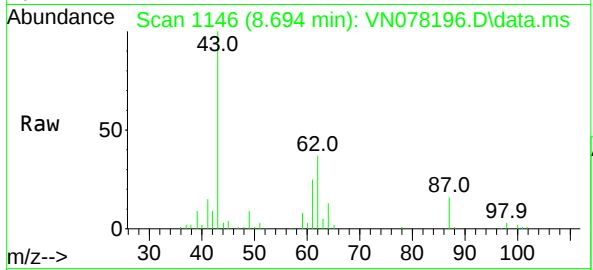
Tgt Ion: 62 Resp: 123316
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.729 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

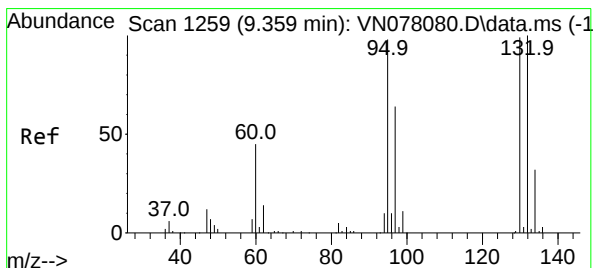
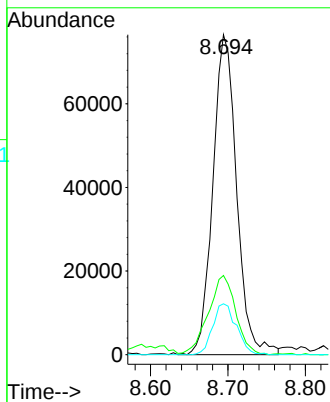
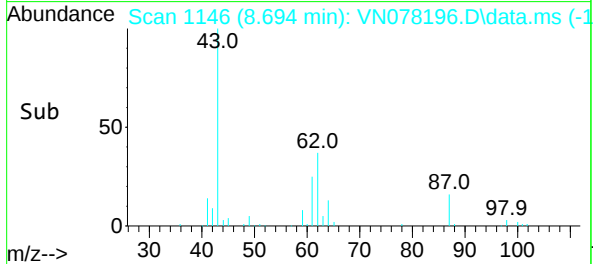
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



Tgt Ion: 43 Resp: 163652
Ion Ratio Lower Upper
43 100
61 28.6 24.7 37.1
87 15.8 14.6 21.8

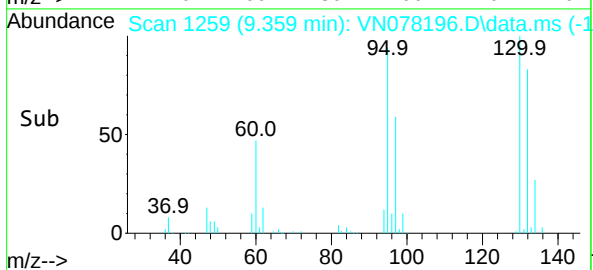
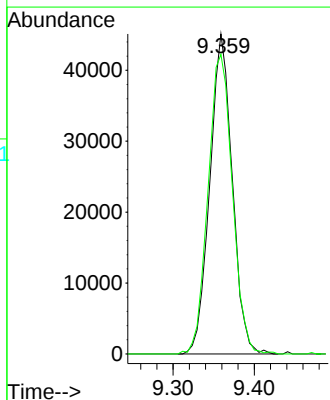
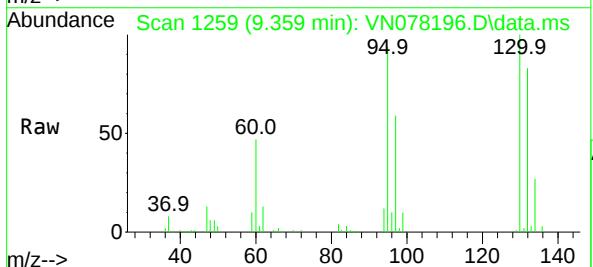
Manual Integrations
APPROVED

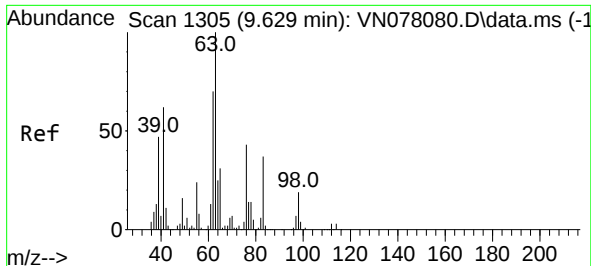
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#44
Trichloroethene
Concen: 17.791 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion:130 Resp: 86666
Ion Ratio Lower Upper
130 100
95 93.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.404 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01

Tgt Ion: 63 Resp: 8905

Ion Ratio Lower Upper

63 100

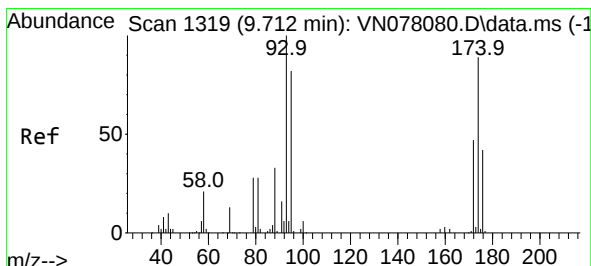
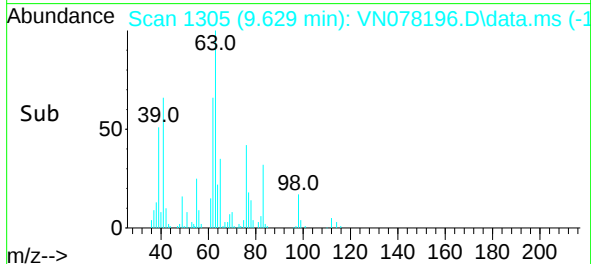
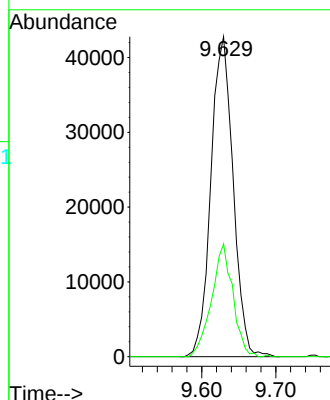
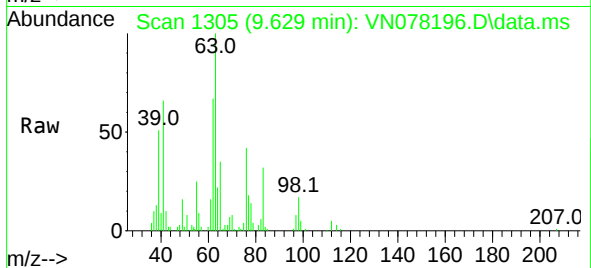
65 35.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#46

Dibromomethane

Concen: 18.362 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

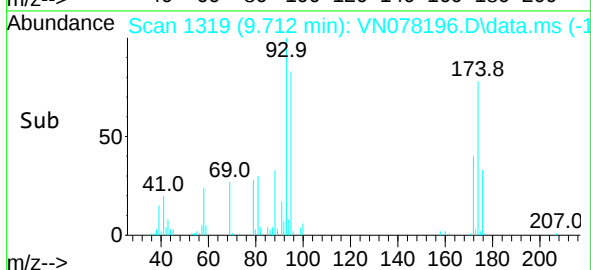
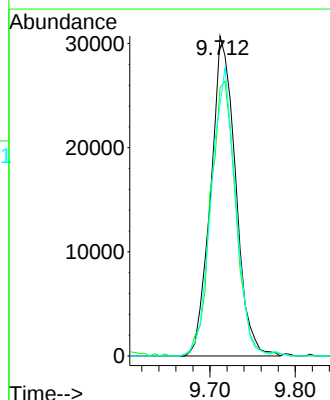
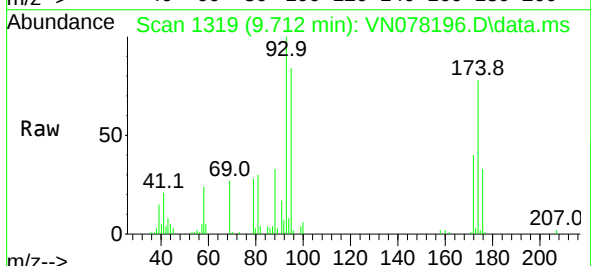
Tgt Ion: 93 Resp: 62068

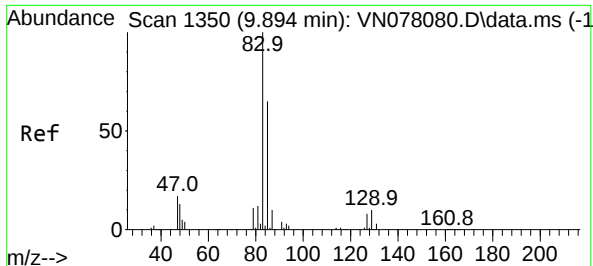
Ion Ratio Lower Upper

93 100

95 87.5 63.8 95.8

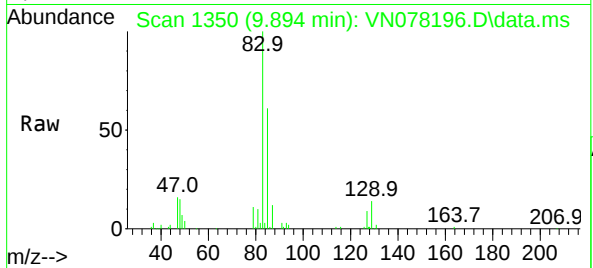
174 88.4 65.6 98.4





#47
Bromodichloromethane
Concen: 19.669 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

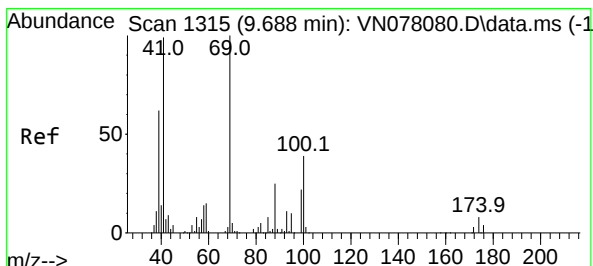
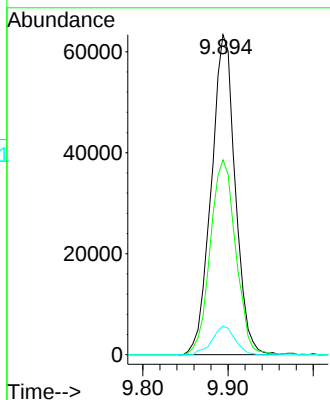
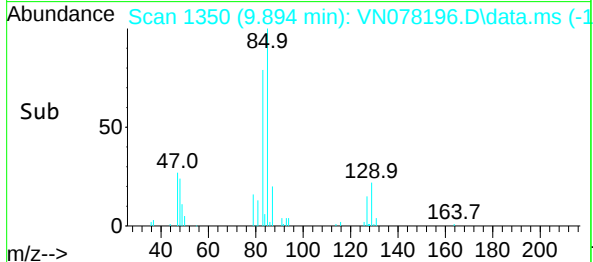
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



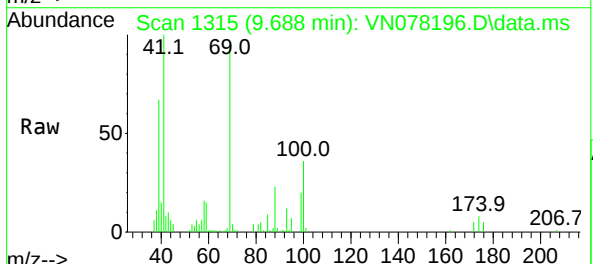
Tgt Ion: 83 Resp: 12350
Ion Ratio Lower Upper
83 100
85 60.9 49.6 74.4
127 8.9 7.0 10.6

Manual Integrations
APPROVED

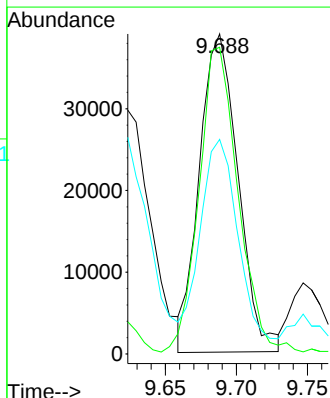
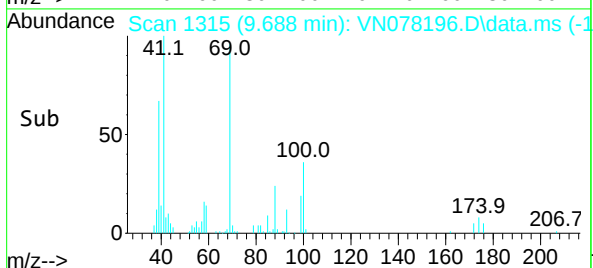
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

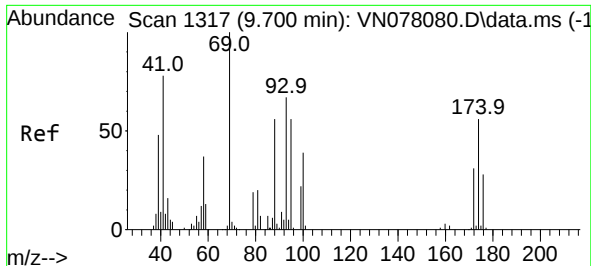


#48
Methyl methacrylate
Concen: 19.063 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



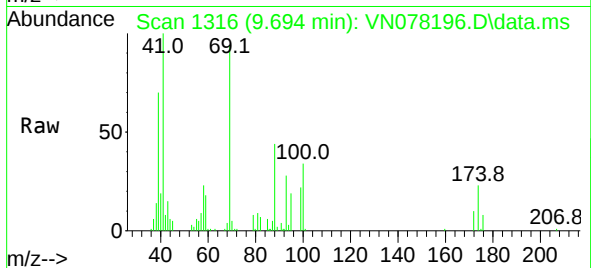
Tgt Ion: 41 Resp: 73845
Ion Ratio Lower Upper
41 100
69 97.0 90.4 135.6
39 68.2 54.6 81.8





#49
1,4-Dioxane
Concen: 376.431 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

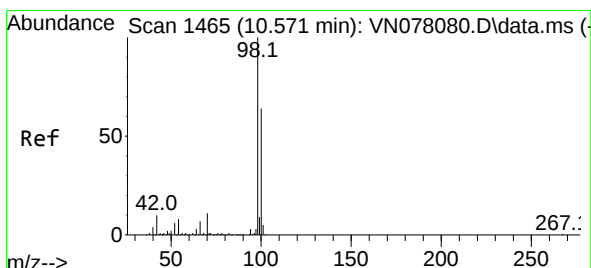
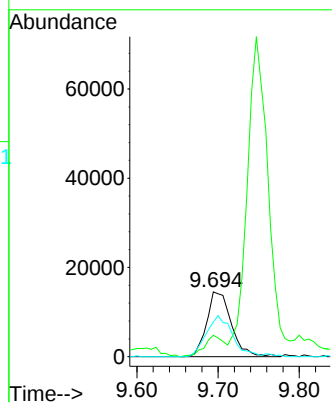
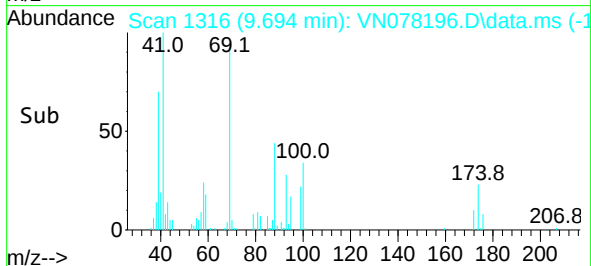
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



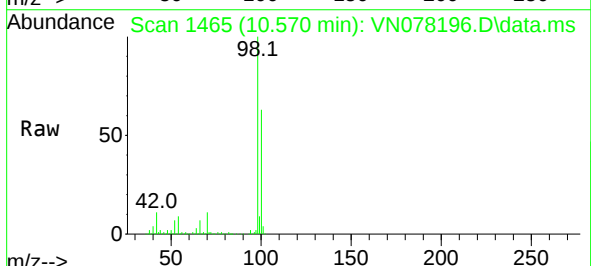
Tgt Ion: 88 Resp: 30648
Ion Ratio Lower Upper
88 100
43 26.8 17.0 25.6
58 67.1 47.0 70.4

Manual Integrations
APPROVED

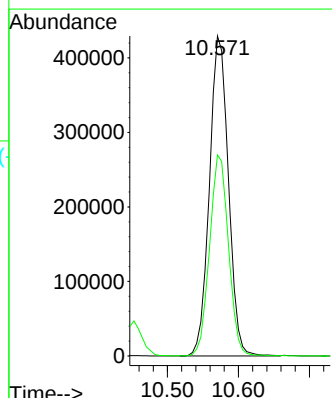
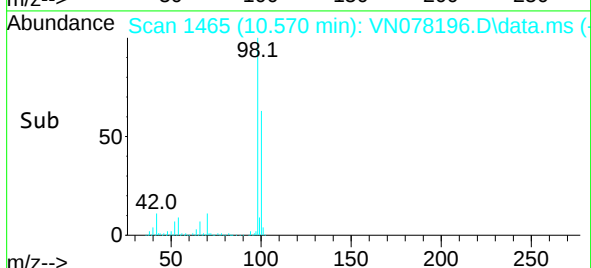
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

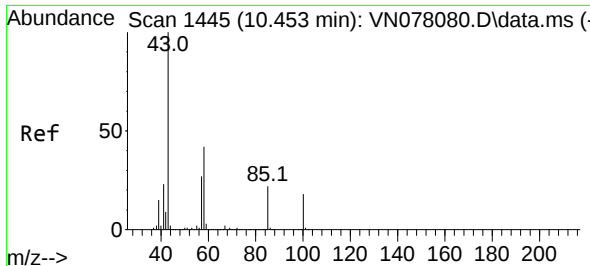


#50
Toluene-d8
Concen: 47.983 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



Tgt Ion: 98 Resp: 796786
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0





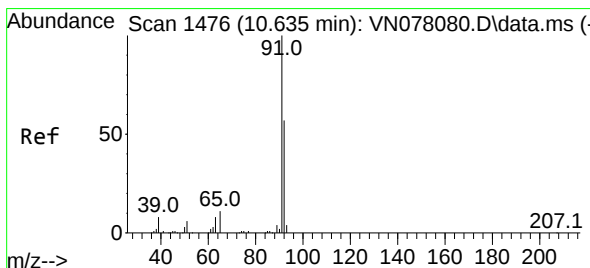
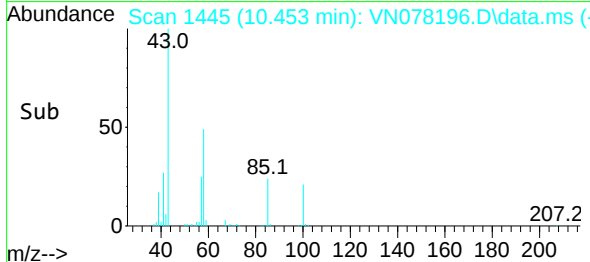
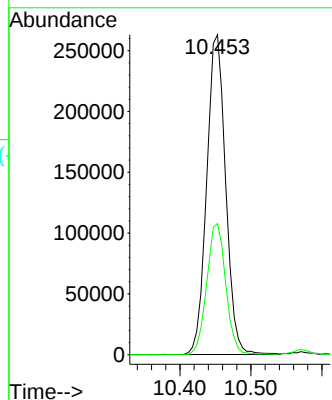
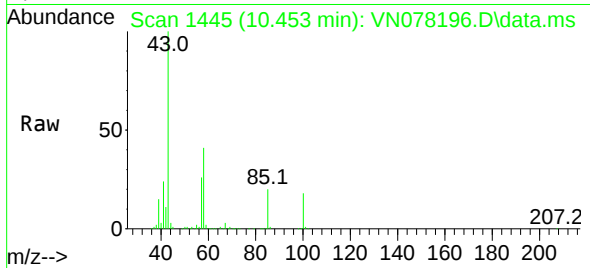
#51
4-Methyl-2-Pentanone
Concen: 100.276 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion: 43 Resp: 48742
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

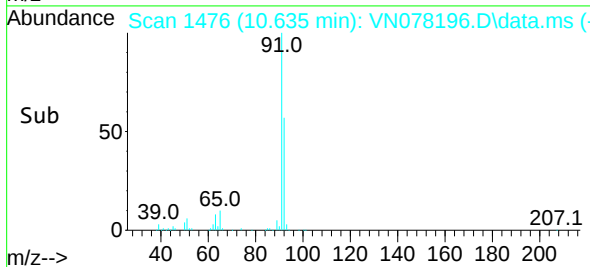
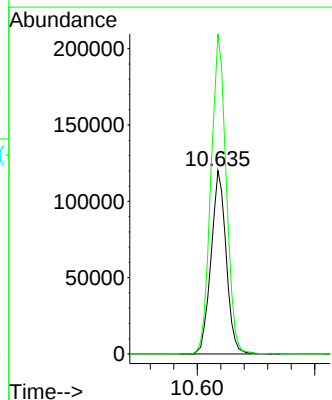
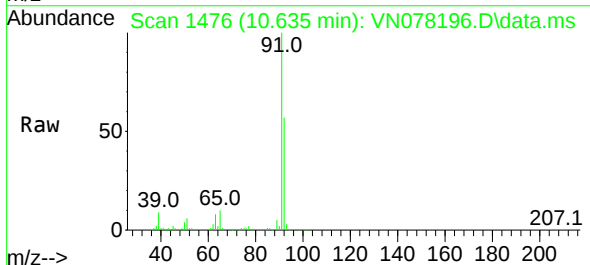
Manual Integrations
APPROVED

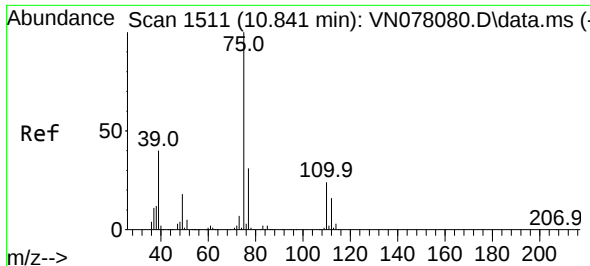
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#52
Toluene
Concen: 18.339 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

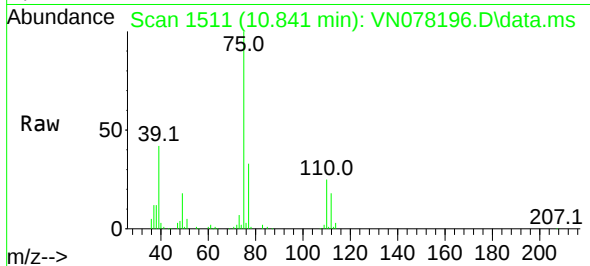
Tgt Ion: 92 Resp: 213578
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.126 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

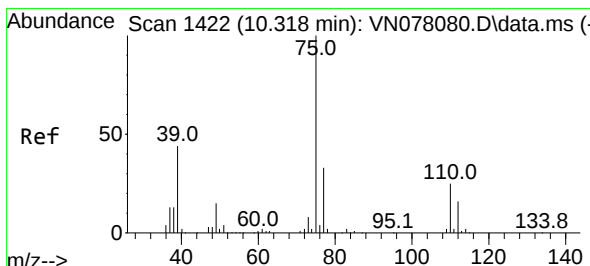
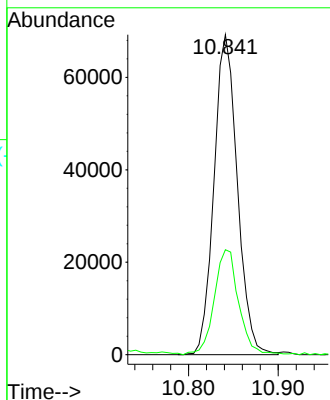
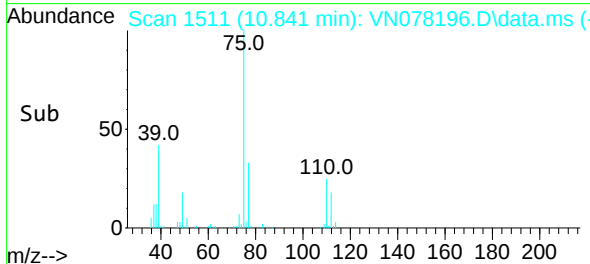
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



Tgt Ion: 75 Resp: 125070
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

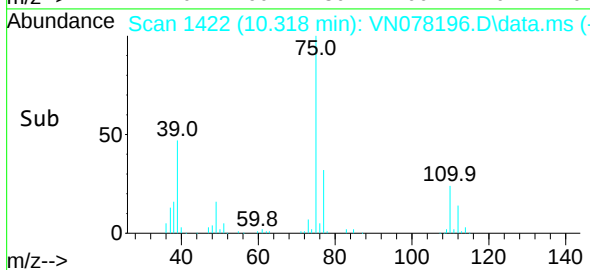
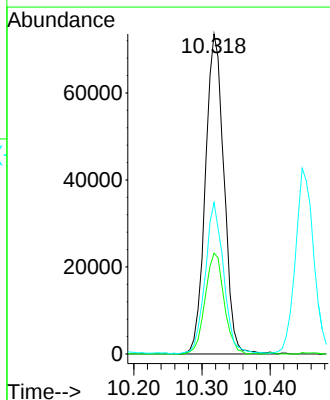
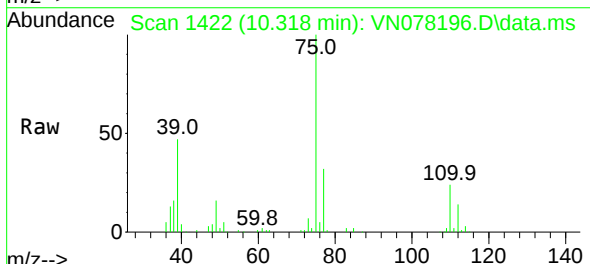
Manual Integrations
APPROVED

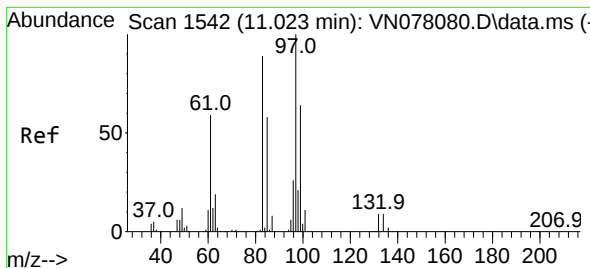
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#54
cis-1,3-Dichloropropene
Concen: 19.313 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

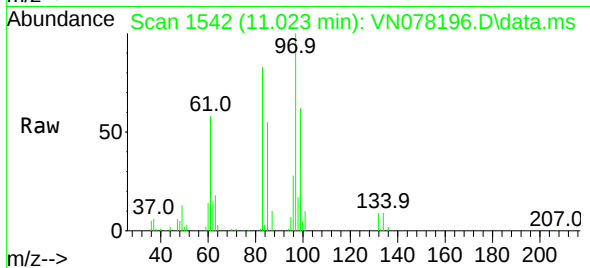
Tgt Ion: 75 Resp: 139608
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 47.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.924 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

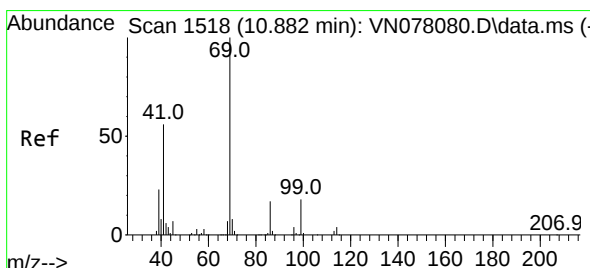
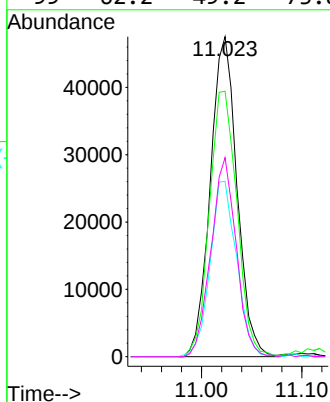
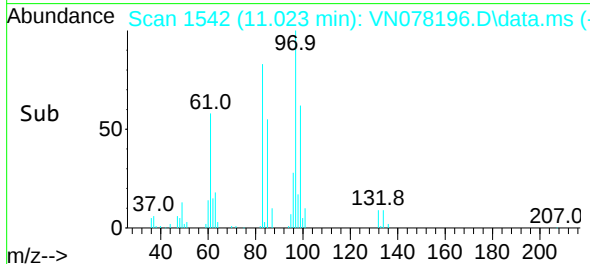
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



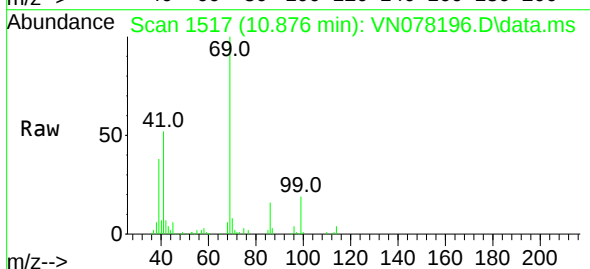
Tgt Ion:	97	Resp:	8777
Ion Ratio	100	Lower	Upper
97	100		
83	83.0	65.1	97.7
85	54.8	43.4	65.2
99	62.2	49.2	73.8

Manual Integrations
APPROVED

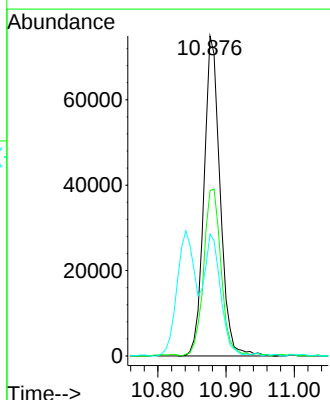
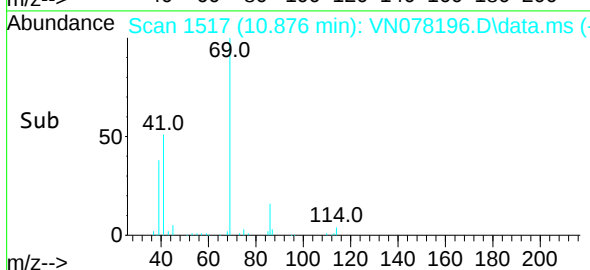
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#56
Ethyl methacrylate
Concen: 19.231 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



Tgt Ion:	69	Resp:	123363
Ion Ratio	100	Lower	Upper
69	100		
41	56.6	39.6	59.4
39	38.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.691 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01

Tgt Ion: 76 Resp: 146430

Ion Ratio Lower Upper

76 100

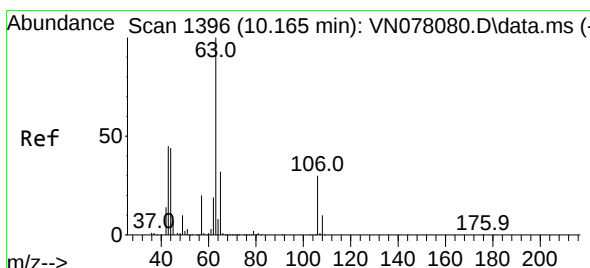
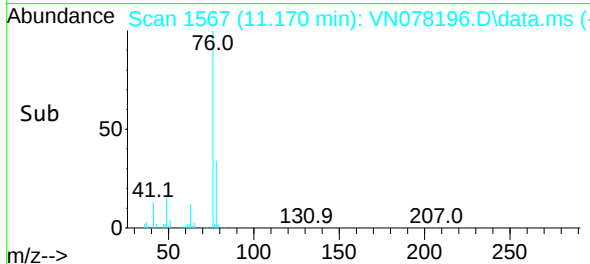
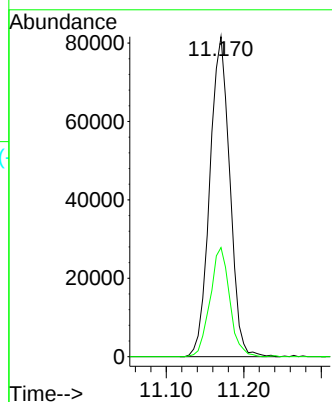
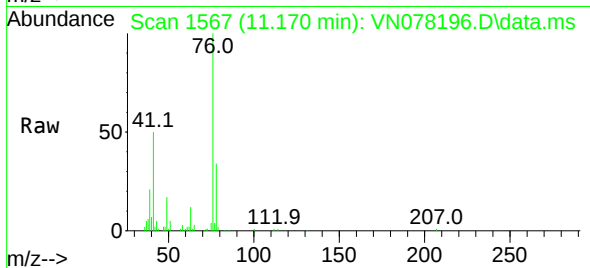
78 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 100.432 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078196.D

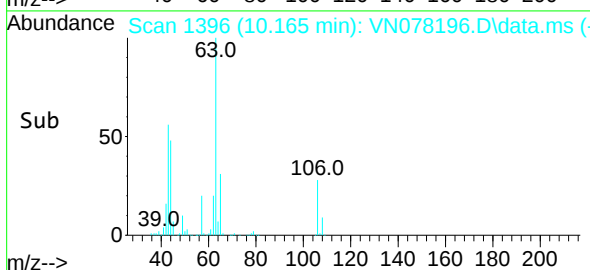
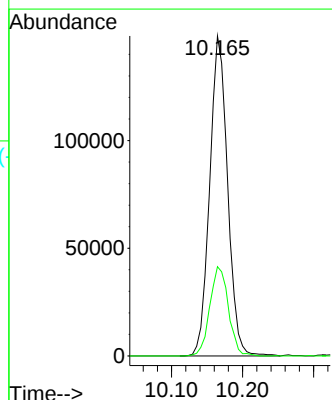
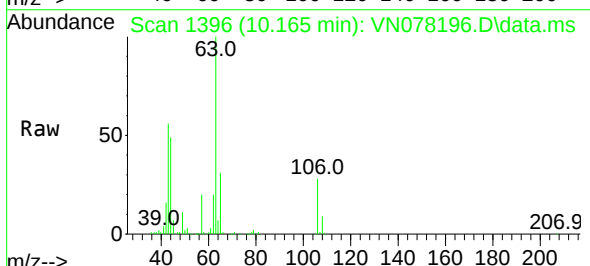
Acq: 14 Jun 2023 11:20

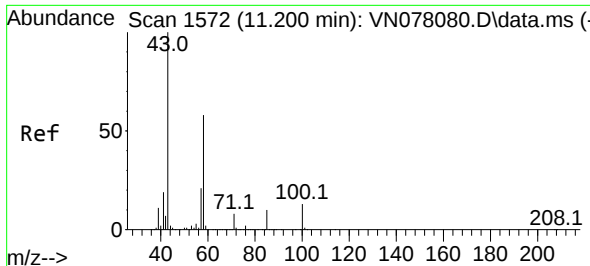
Tgt Ion: 63 Resp: 260258

Ion Ratio Lower Upper

63 100

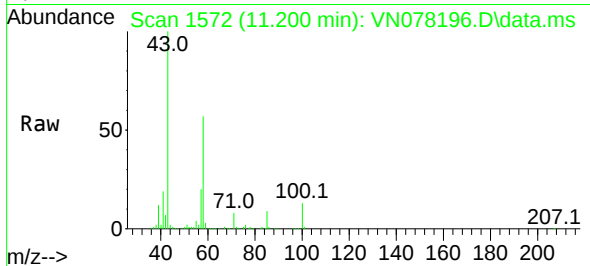
106 29.0 26.2 39.4





#59
2-Hexanone
Concen: 101.973 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

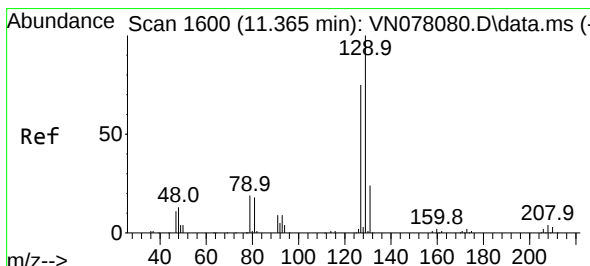
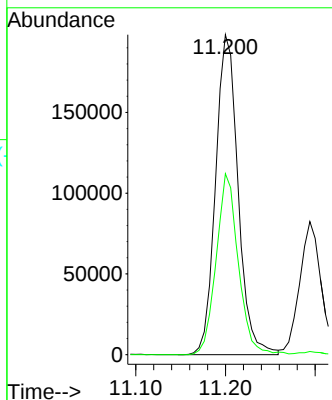
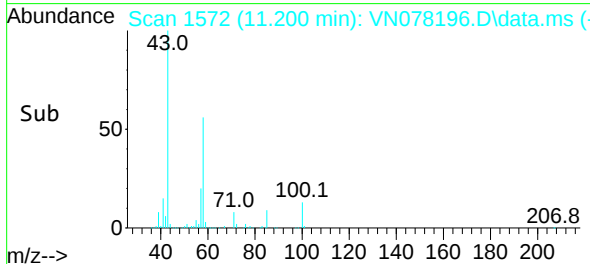
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



Tgt Ion: 43 Resp: 34513
Ion Ratio Lower Upper
43 100
58 55.6 31.7 95.1

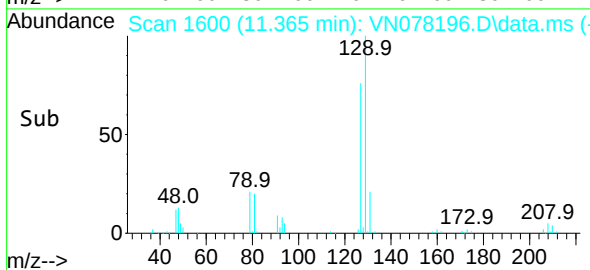
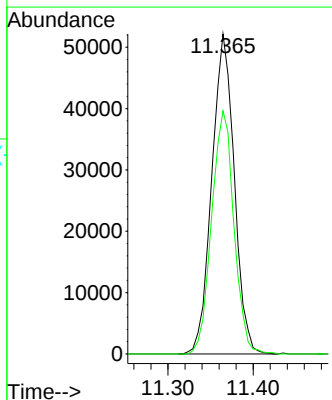
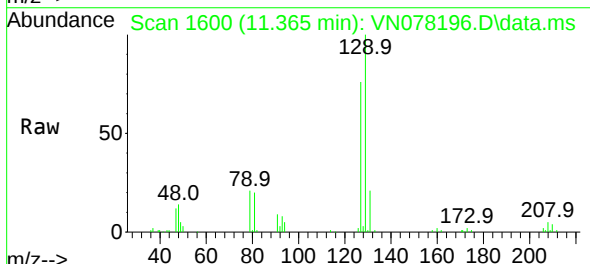
Manual Integrations
APPROVED

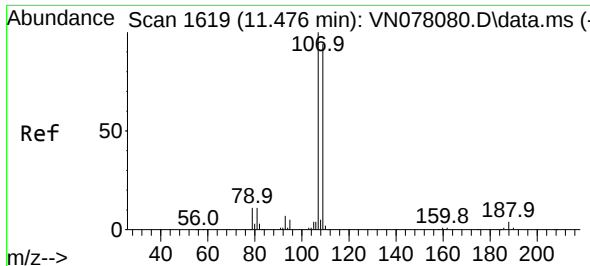
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#60
Dibromochloromethane
Concen: 19.800 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion:129 Resp: 95453
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0





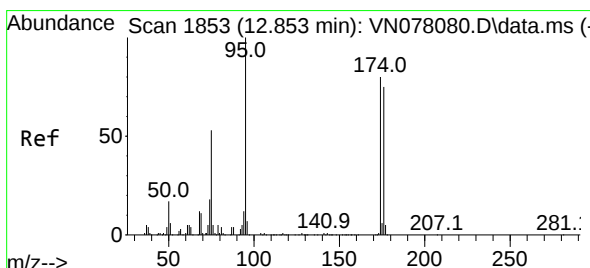
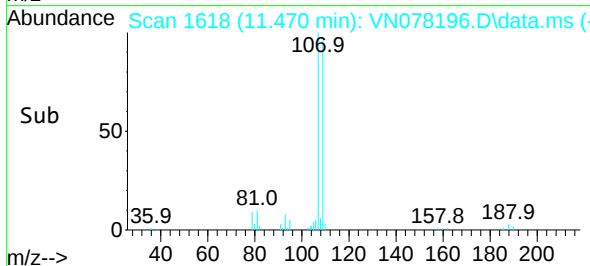
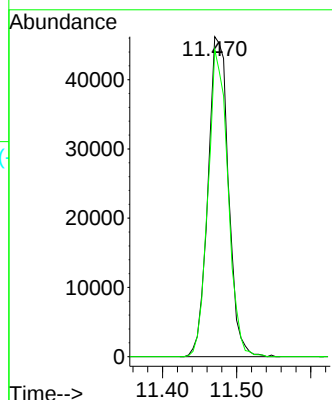
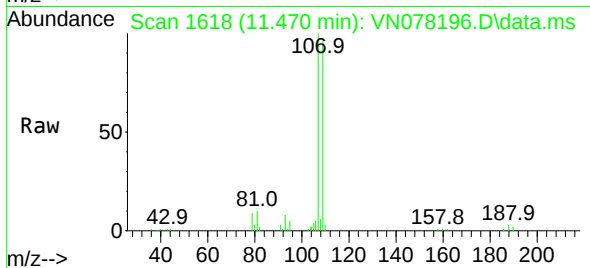
#61
1,2-Dibromoethane
Concen: 19.155 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion:107 Resp: 88559
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8

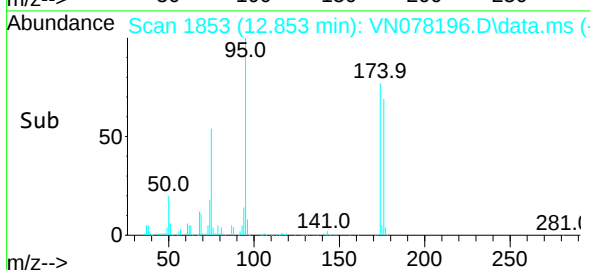
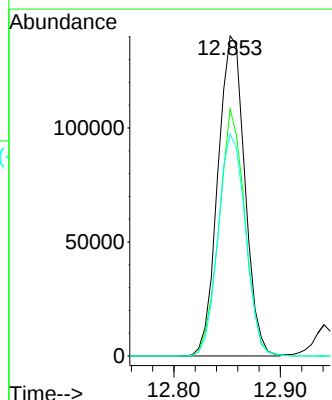
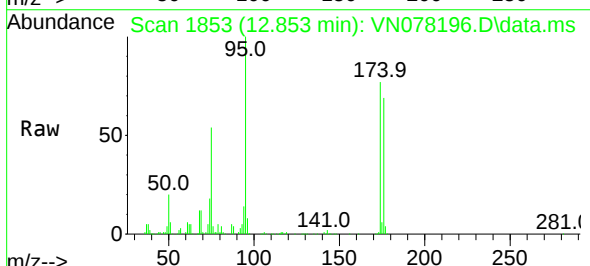
Manual Integrations
APPROVED

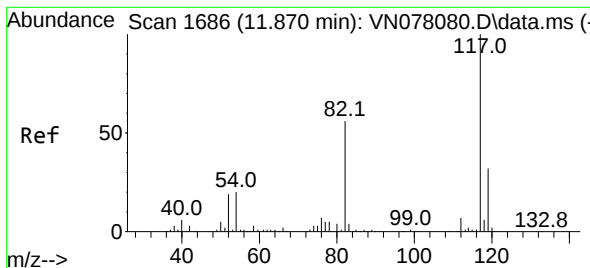
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#62
4-Bromofluorobenzene
Concen: 47.757 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

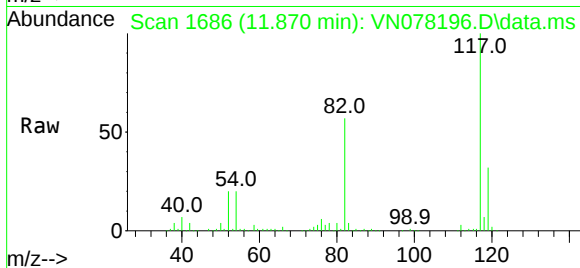
Tgt Ion: 95 Resp: 246535
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 70.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

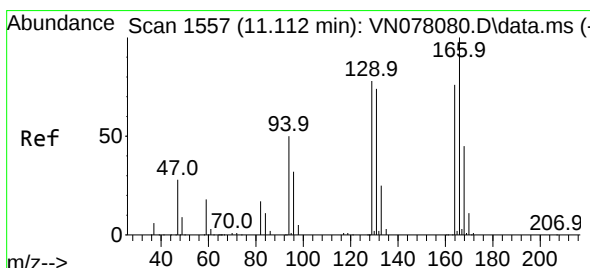
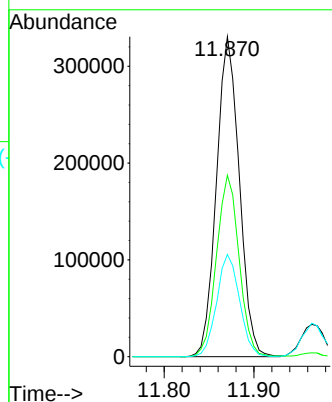
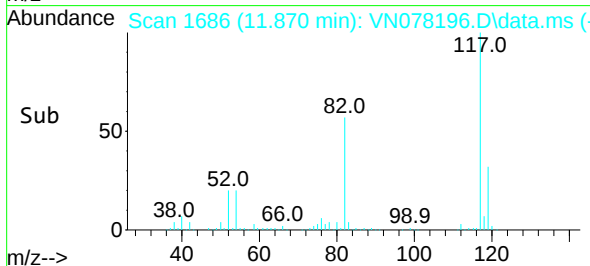
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



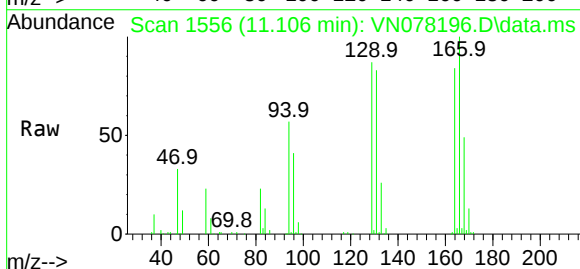
Tgt Ion:117 Resp: 58534
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

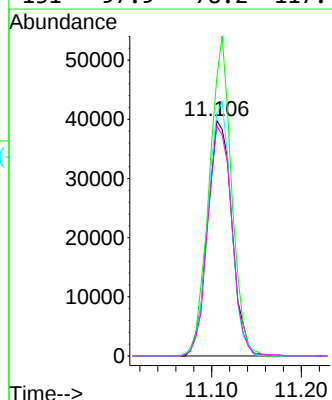
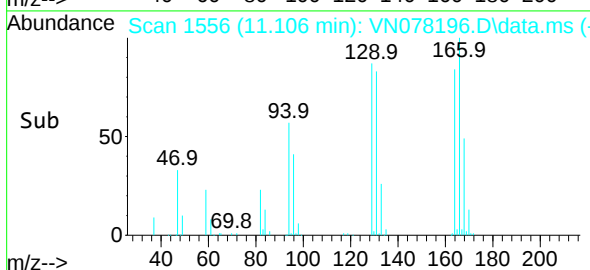
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

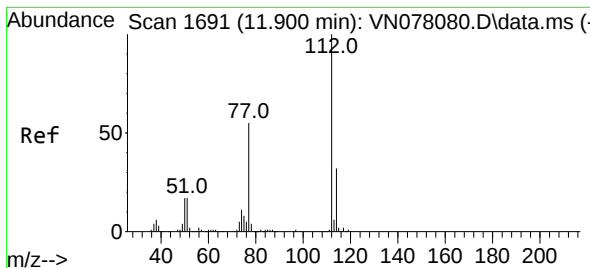


#64
Tetrachloroethene
Concen: 19.250 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



Tgt Ion:164 Resp: 75170
Ion Ratio Lower Upper
164 100
166 118.4 101.4 152.0
129 103.0 82.4 123.6
131 97.9 78.2 117.4





#65

Chlorobenzene

Concen: 18.239 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01

Tgt Ion:112 Resp: 22863

Ion Ratio Lower Upper

112 100

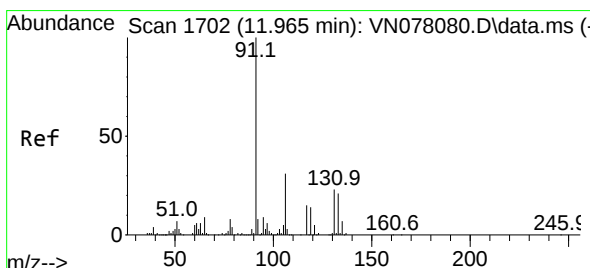
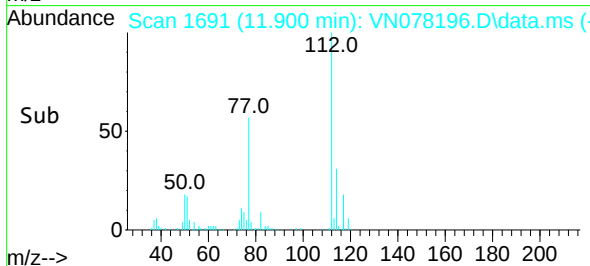
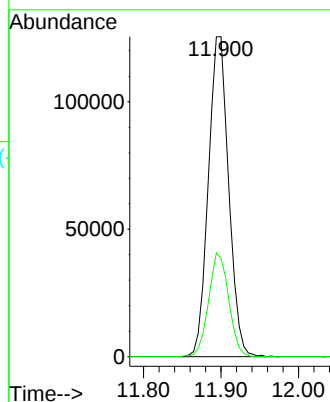
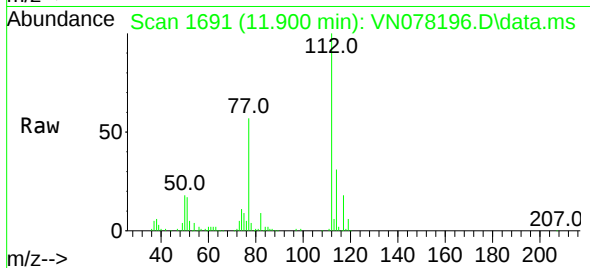
114 30.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 19.033 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

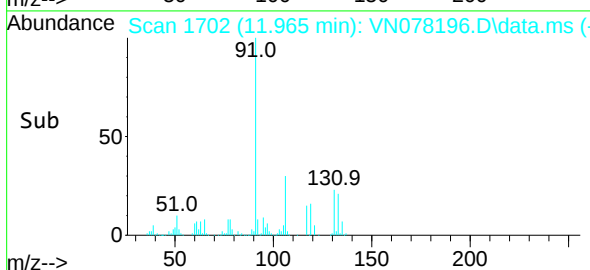
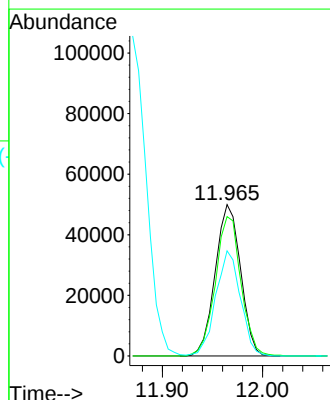
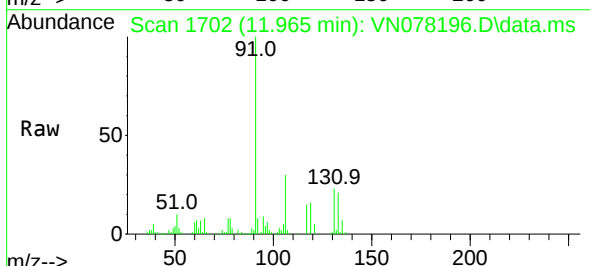
Tgt Ion:131 Resp: 87754

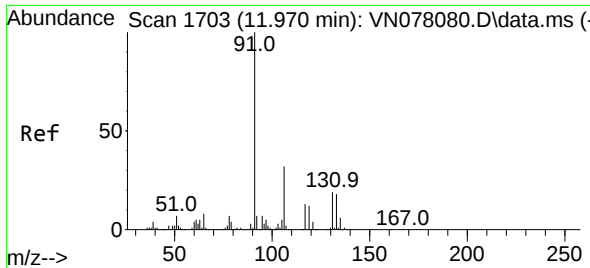
Ion Ratio Lower Upper

131 100

133 93.0 46.4 139.1

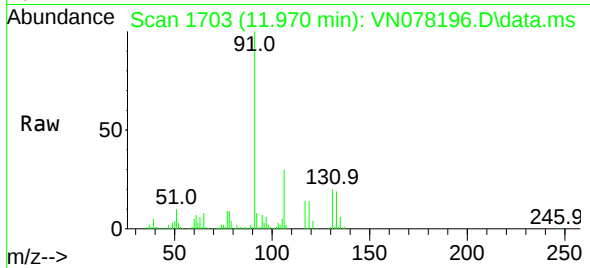
119 67.8 34.1 102.2





#67
Ethyl Benzene
Concen: 18.177 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

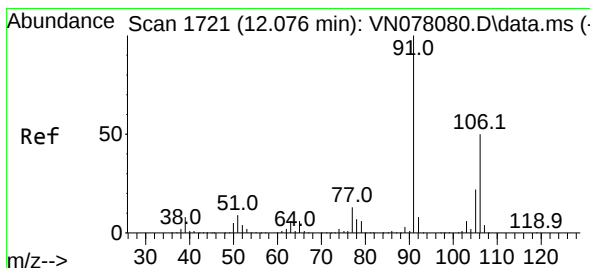
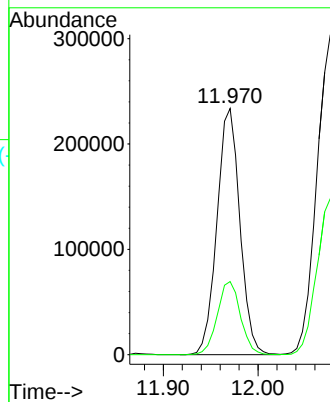
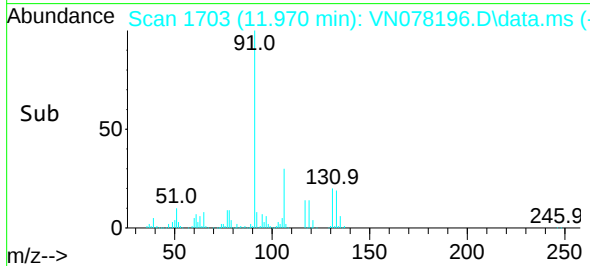
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



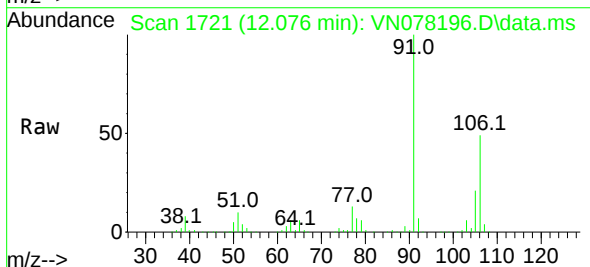
Tgt Ion: 91 Resp: 393159
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

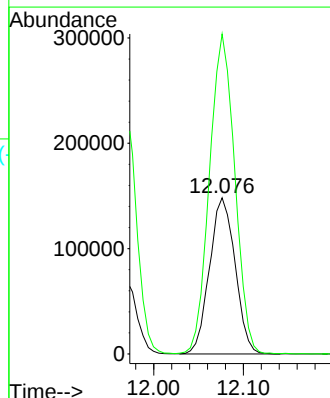
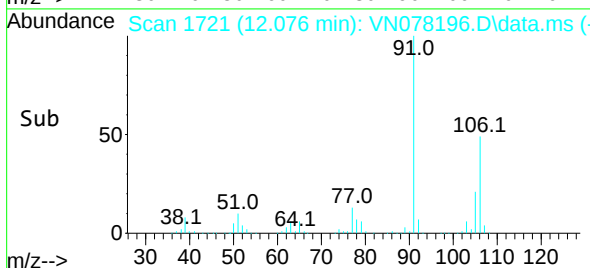
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

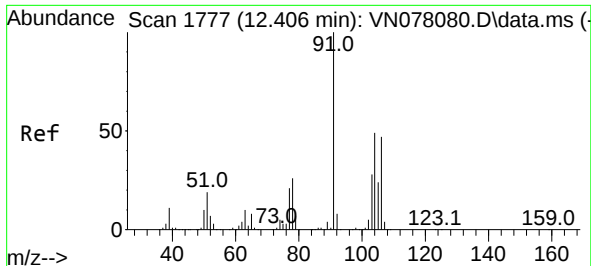


#68
m/p-Xylenes
Concen: 35.649 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



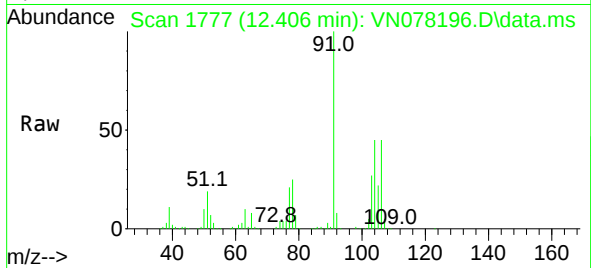
Tgt Ion:106 Resp: 293864
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4





#69
o-Xylene
Concen: 17.775 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

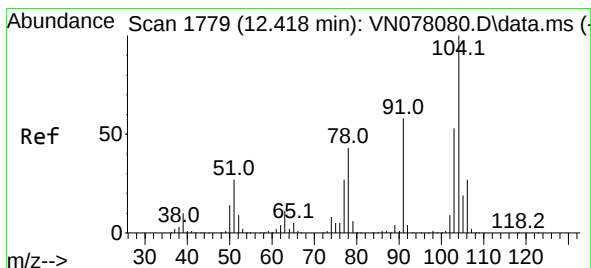
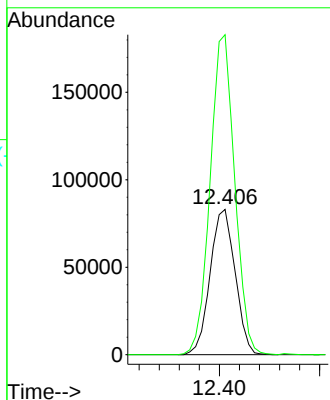
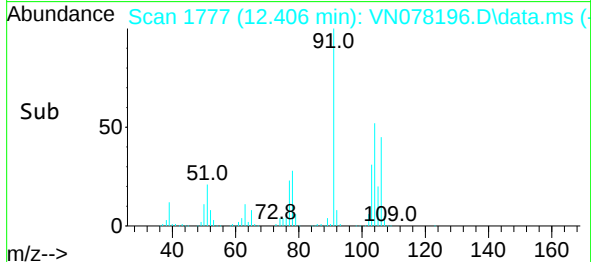
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



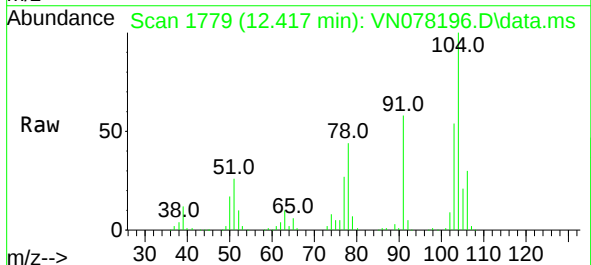
Tgt Ion:106 Resp: 143880
Ion Ratio Lower Upper
106 100
91 216.4 105.2 315.5

Manual Integrations
APPROVED

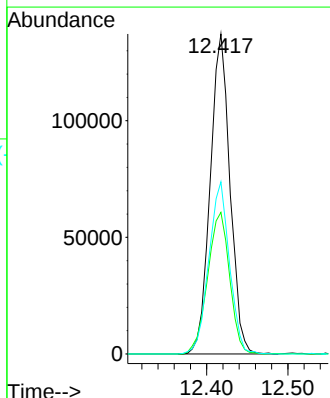
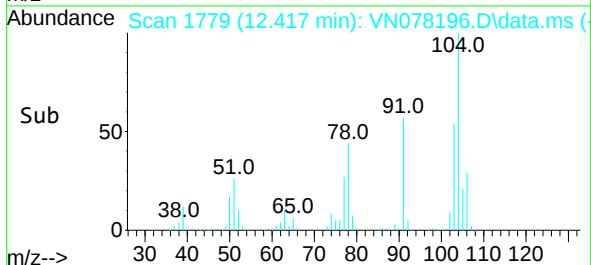
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

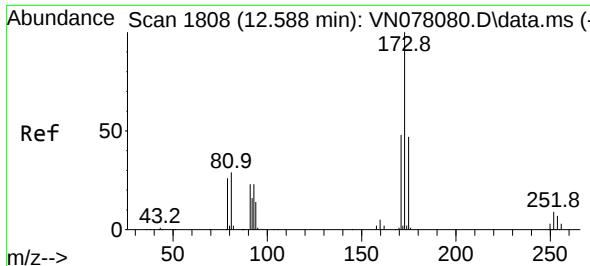


#70
Styrene
Concen: 18.217 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



Tgt Ion:104 Resp: 232153
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 56.3 43.2 64.8





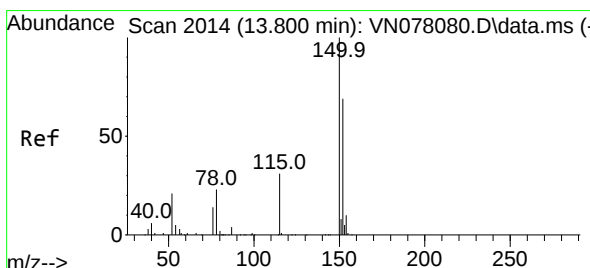
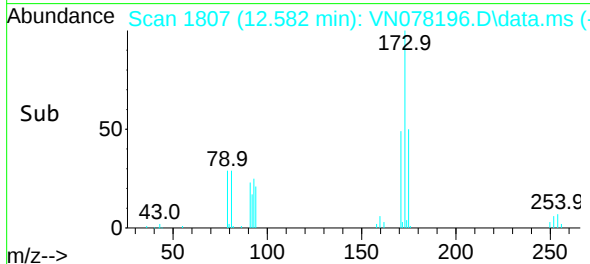
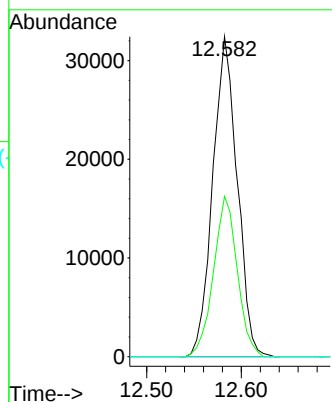
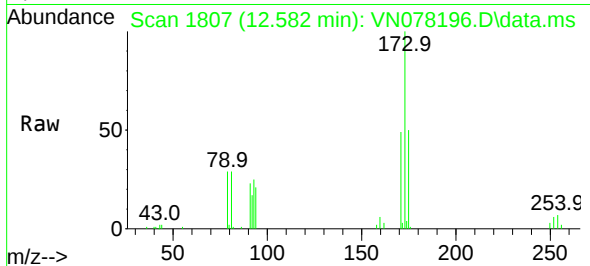
#71
Bromoform
Concen: 19.539 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion:173 Resp: 58130
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

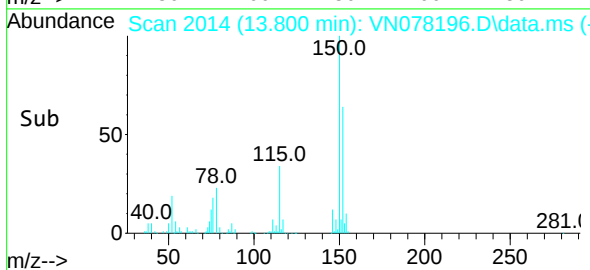
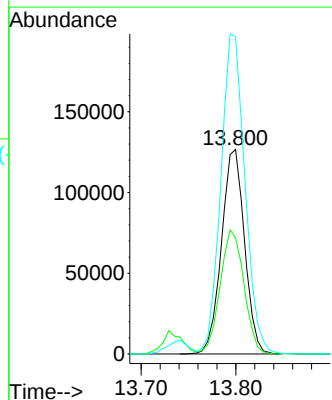
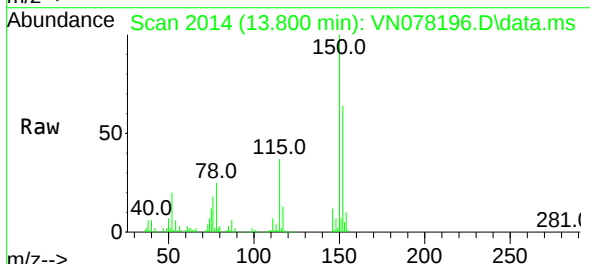
Manual Integrations
APPROVED

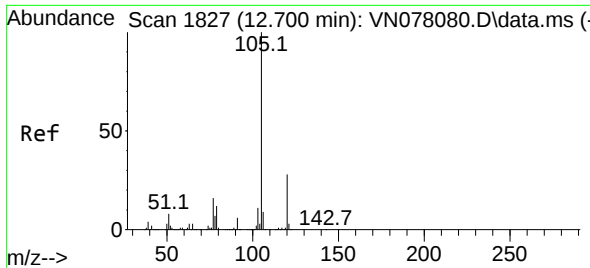
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

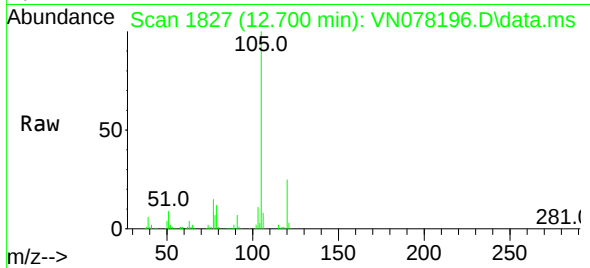
Tgt Ion:152 Resp: 214237
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 163.6 0.0 355.8





#73
Isopropylbenzene
Concen: 17.610 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

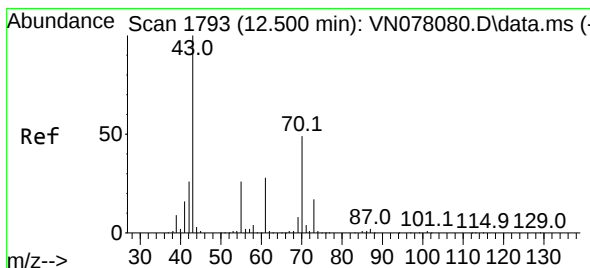
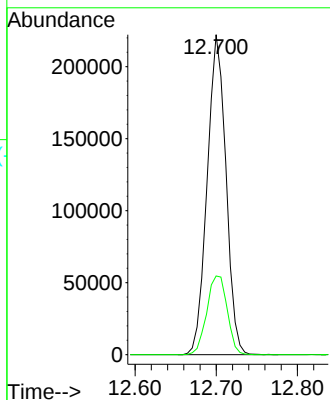
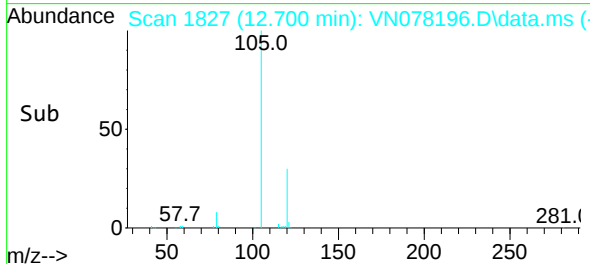
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



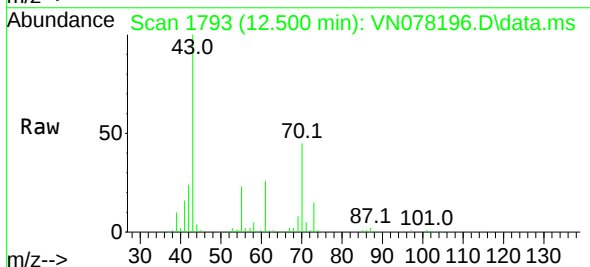
Tgt Ion:105 Resp: 356769
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
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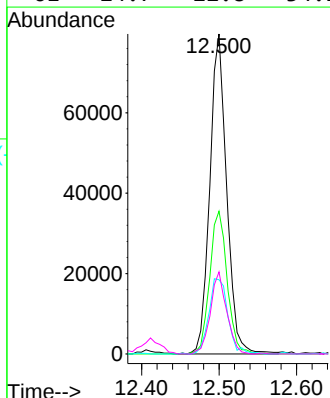
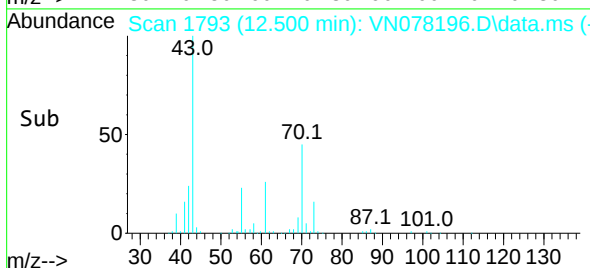
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

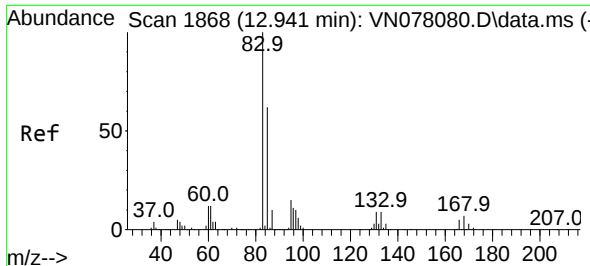


#74
N-ethyl acetate
Concen: 18.069 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



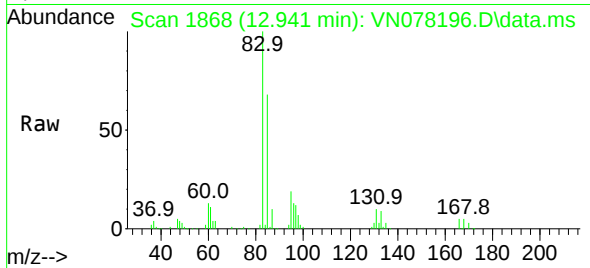
Tgt Ion: 43 Resp: 120547
Ion Ratio Lower Upper
43 100
70 46.2 43.4 65.2
55 26.4 21.4 32.0
61 24.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.365 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

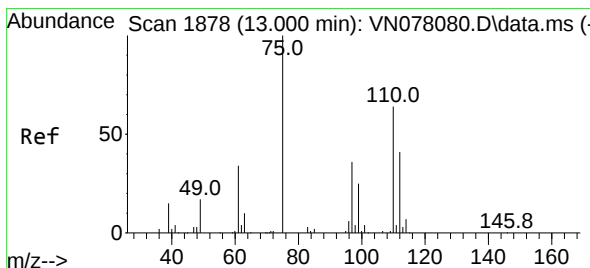
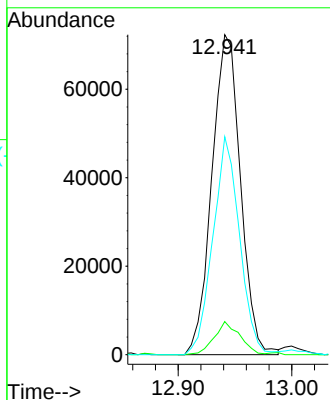
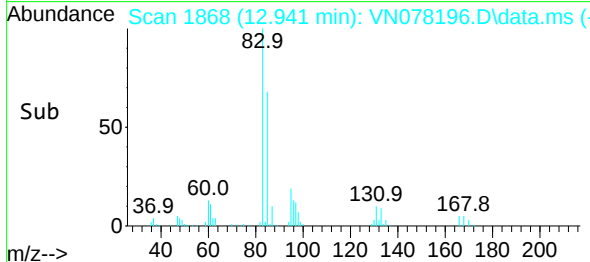
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



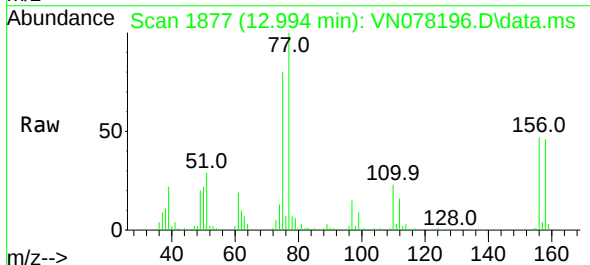
Tgt Ion: 83 Resp: 126854
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 63.3 31.9 95.7

Manual Integrations
APPROVED

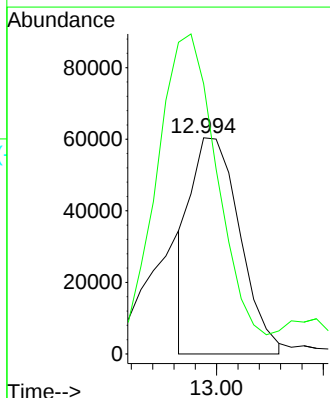
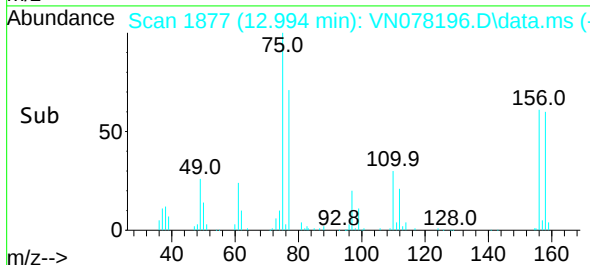
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

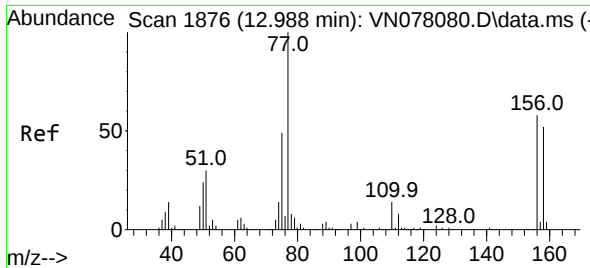


#76
1,2,3-Trichloropropane
Concen: 19.036 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



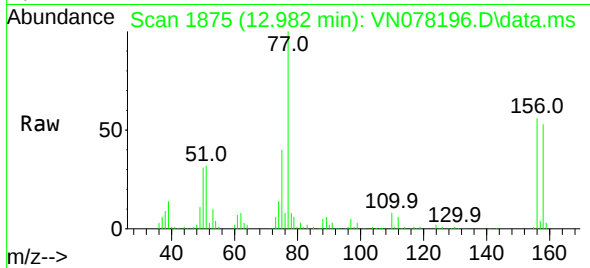
Tgt Ion: 75 Resp: 96410
Ion Ratio Lower Upper
75 100
77 188.9 84.5 253.5





#77
Bromobenzene
Concen: 17.863 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

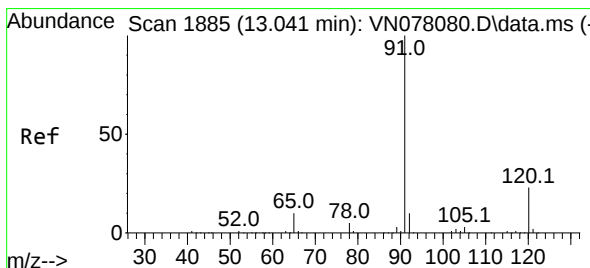
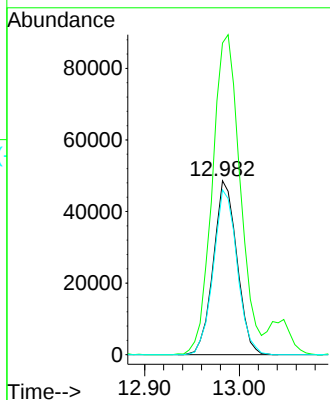
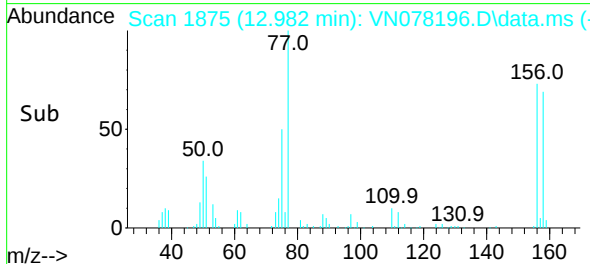
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



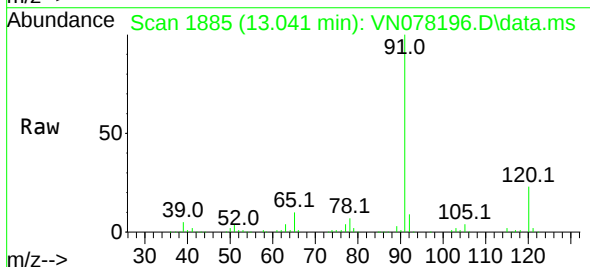
Tgt Ion:156 Resp: 84000
Ion Ratio Lower Upper
156 100
77 216.7 107.7 323.3
158 95.7 48.4 145.3

Manual Integrations
APPROVED

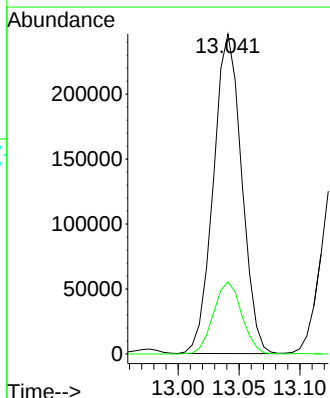
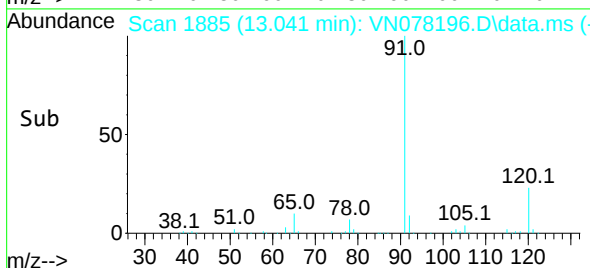
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

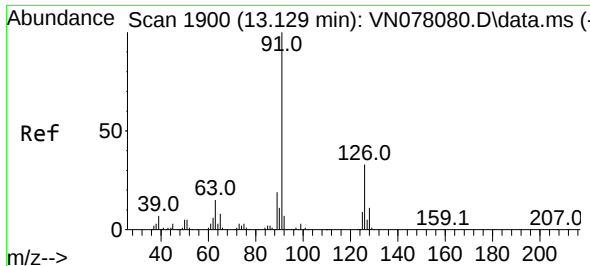


#78
n-propylbenzene
Concen: 18.077 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



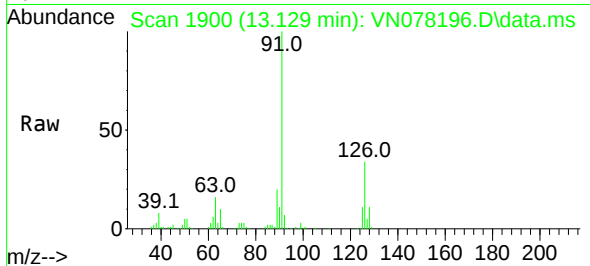
Tgt Ion: 91 Resp: 397887
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 17.686 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

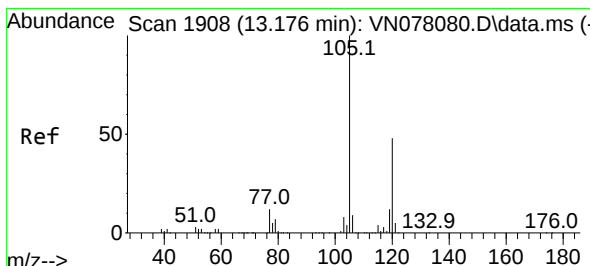
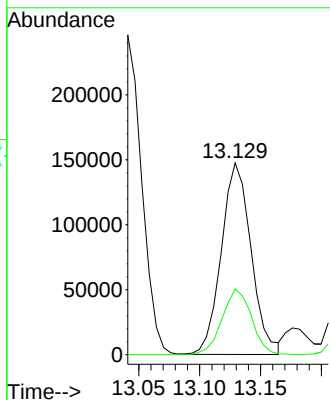
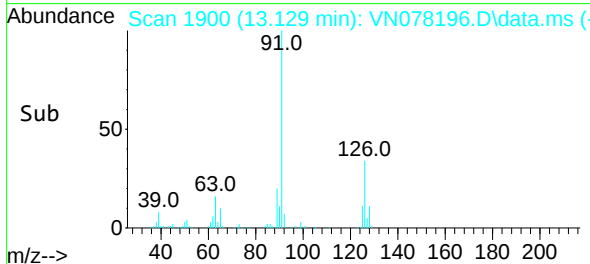
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



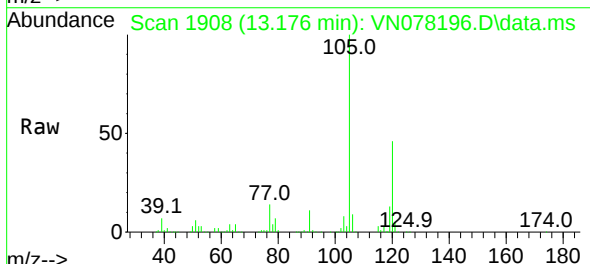
Tgt Ion: 91 Resp: 251284
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

Manual Integrations
APPROVED

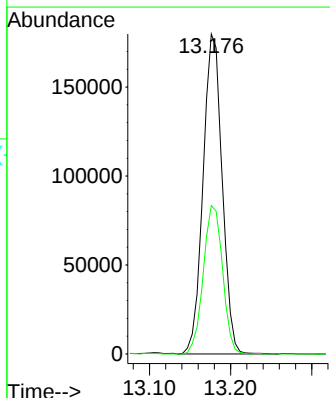
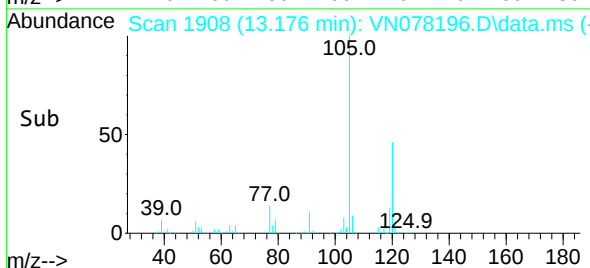
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

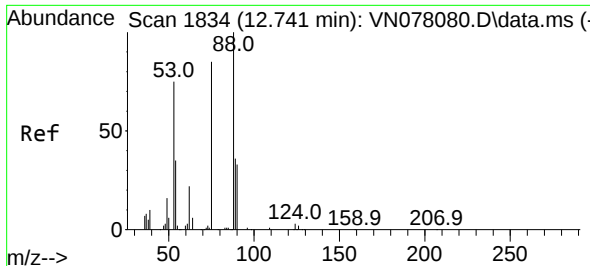


#80
1,3,5-Trimethylbenzene
Concen: 17.879 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



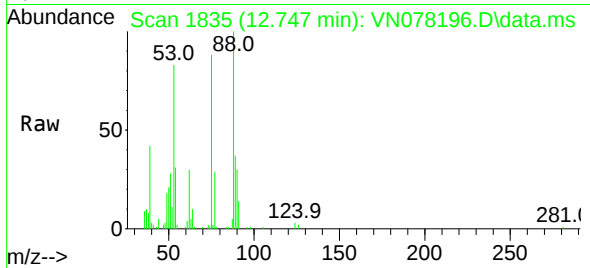
Tgt Ion:105 Resp: 293253
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.988 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

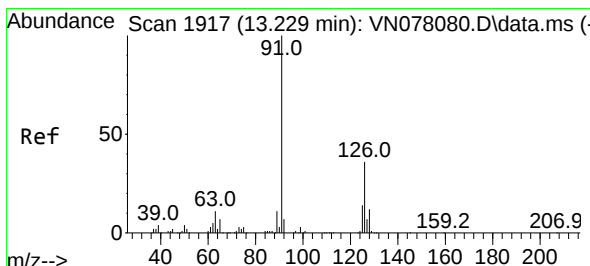
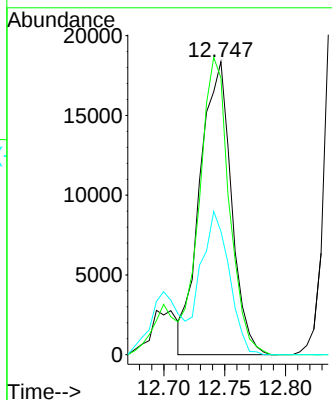
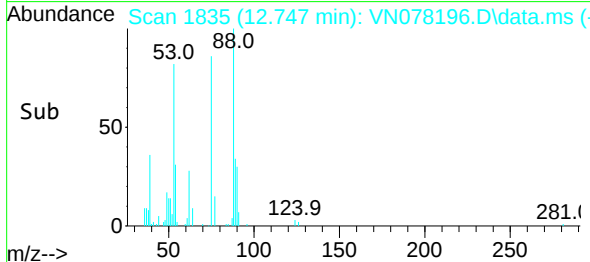
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



Tgt Ion: 75 Resp: 32950
Ion Ratio Lower Upper
75 100
53 96.2 67.4 101.2
89 44.5 38.8 58.2

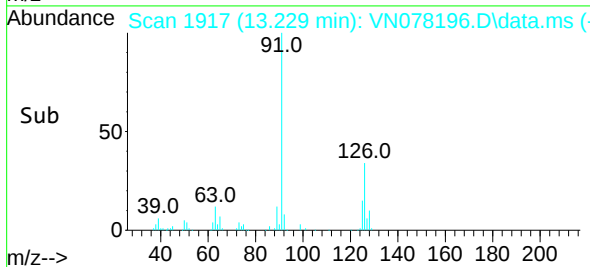
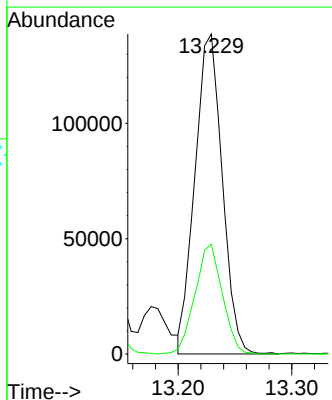
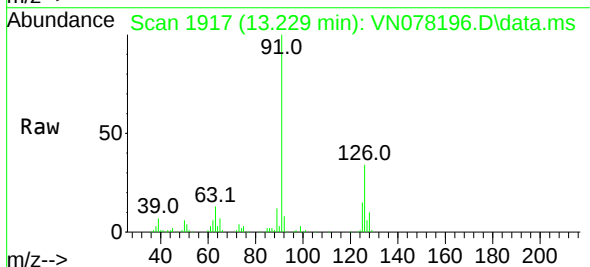
Manual Integrations
APPROVED

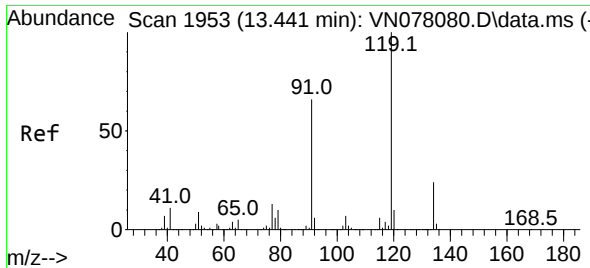
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#82
4-Chlorotoluene
Concen: 17.490 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion: 91 Resp: 231928
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





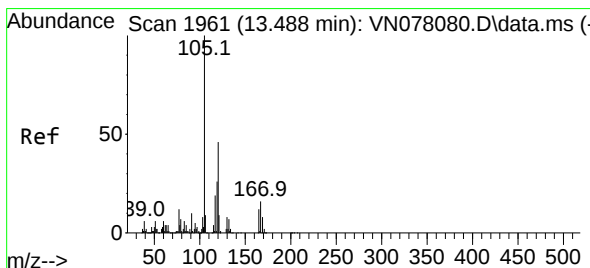
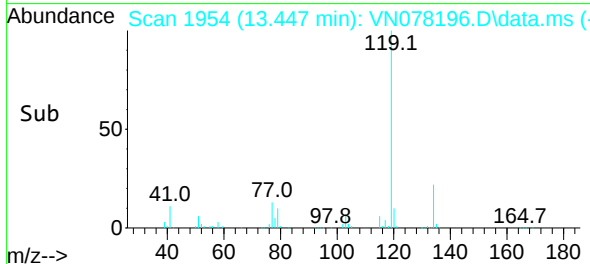
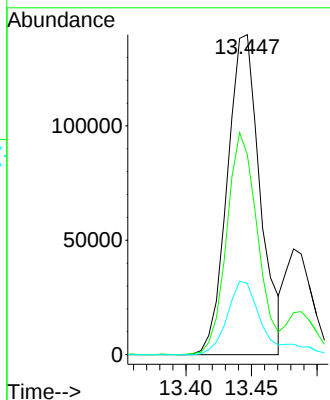
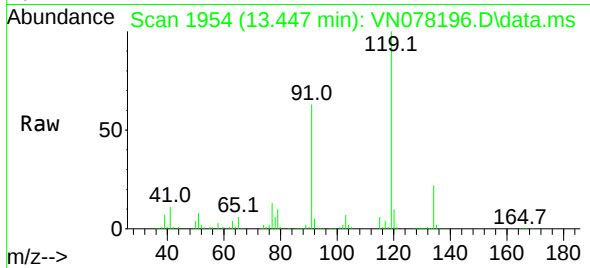
#83
tert-Butylbenzene
Concen: 17.113 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion:119 Resp: 243998
Ion Ratio Lower Upper
119 100
91 65.2 33.9 101.7
134 24.9 13.2 39.6

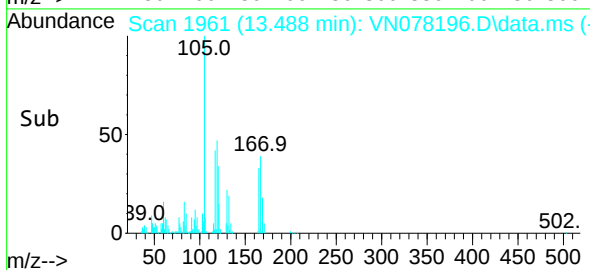
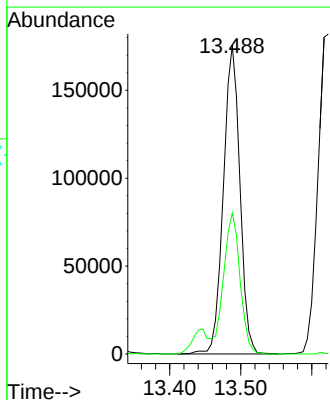
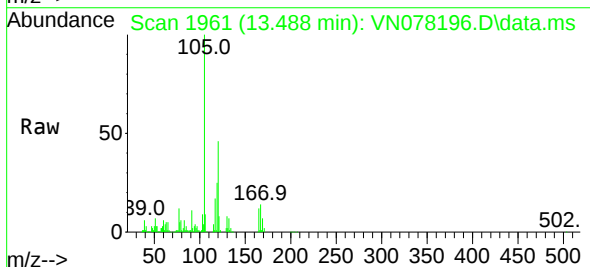
Manual Integrations
APPROVED

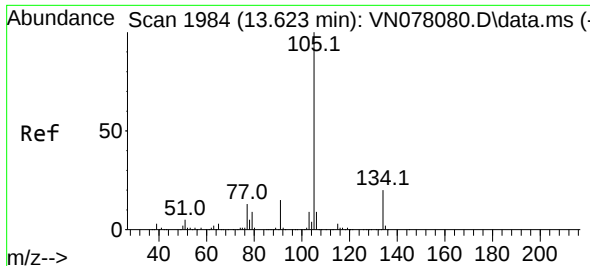
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.791 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion:105 Resp: 282918
Ion Ratio Lower Upper
105 100
120 46.6 22.0 66.0





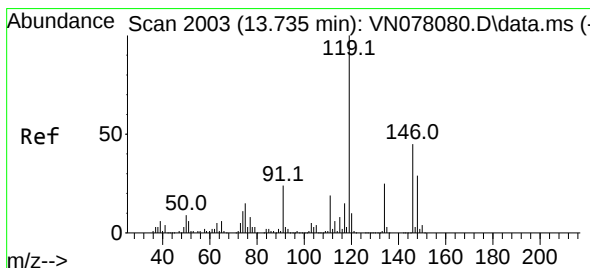
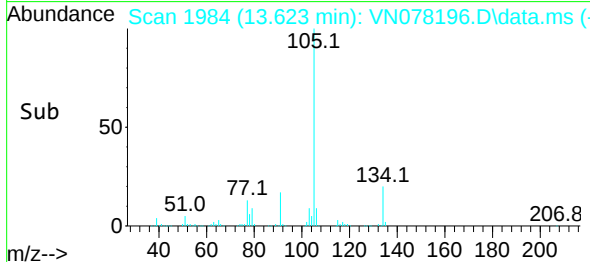
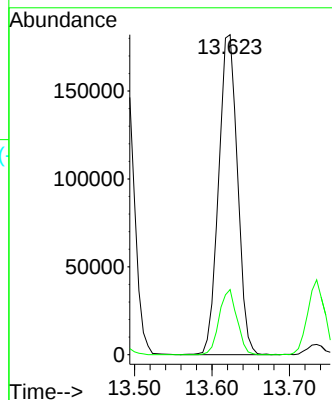
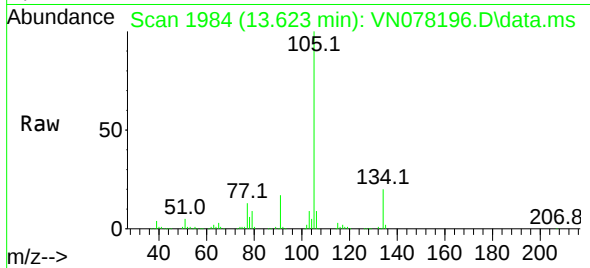
#85
 sec-Butylbenzene
 Concen: 16.522 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078196.D
 Acq: 14 Jun 2023 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBSD01

Tgt Ion:105 Resp: 308329
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

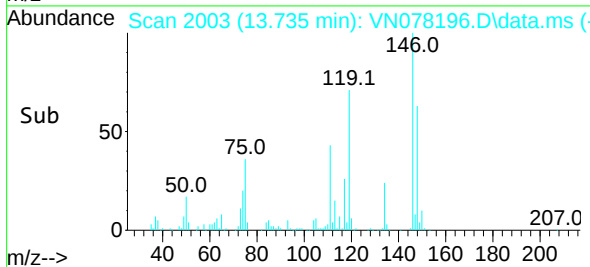
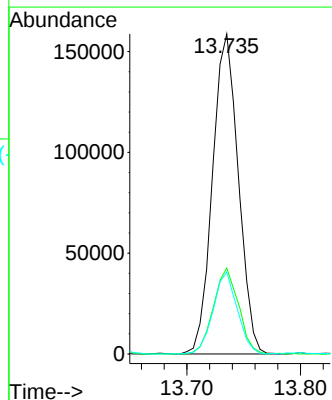
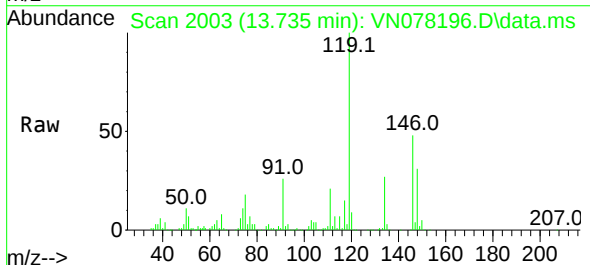
Manual Integrations
 APPROVED

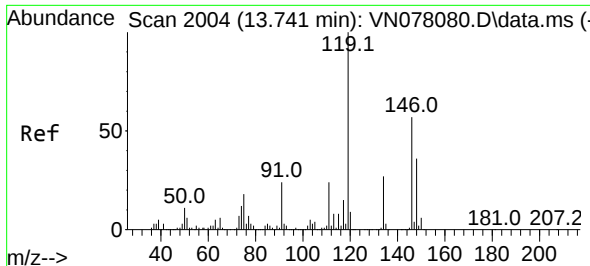
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023



#86
 p-Isopropyltoluene
 Concen: 16.574 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078196.D
 Acq: 14 Jun 2023 11:20

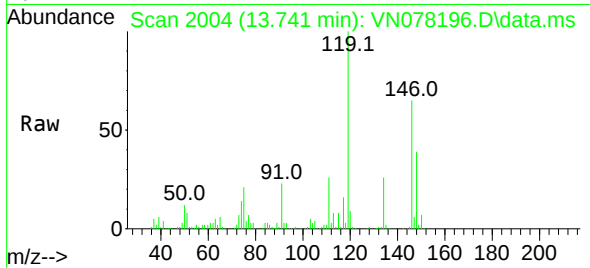
Tgt Ion:119 Resp: 250984
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 16.910 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

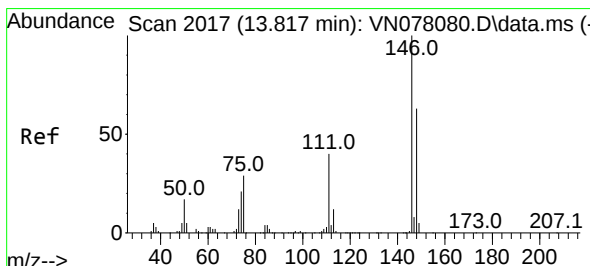
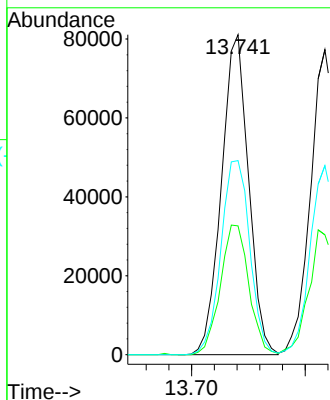
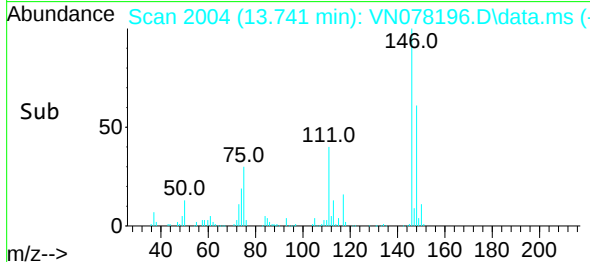
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01



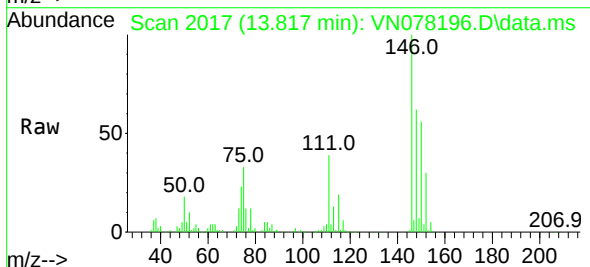
Tgt Ion:146 Resp: 13451
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 64.7 32.0 96.0

Manual Integrations
APPROVED

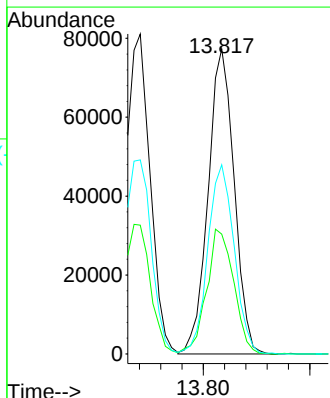
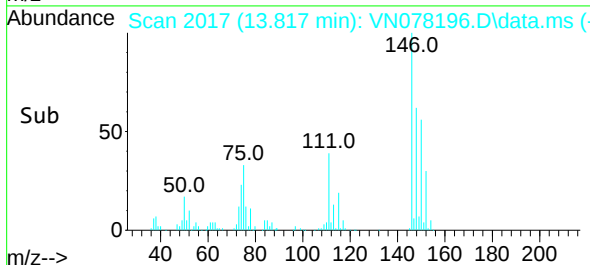
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

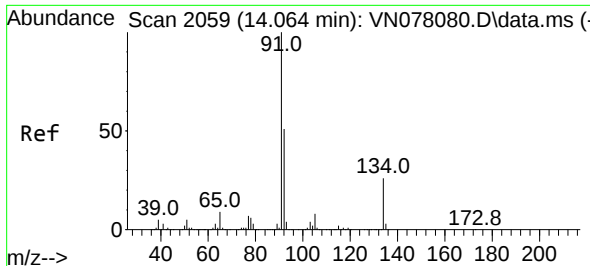


#88
1,4-Dichlorobenzene
Concen: 17.133 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20



Tgt Ion:146 Resp: 131511
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.8
148 62.9 31.6 94.8





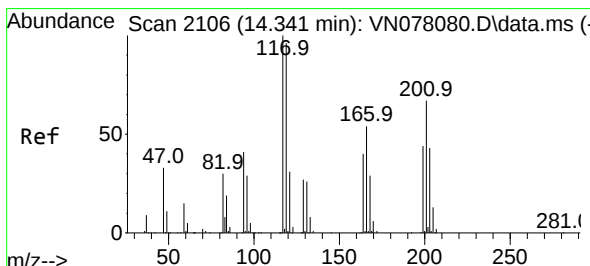
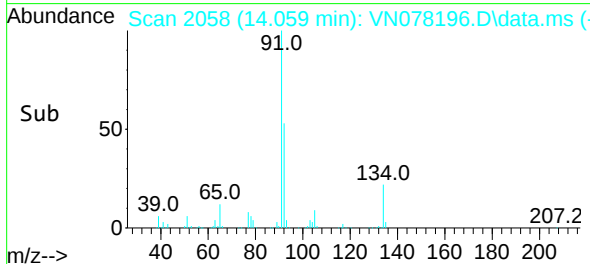
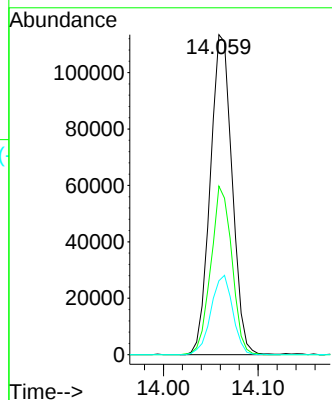
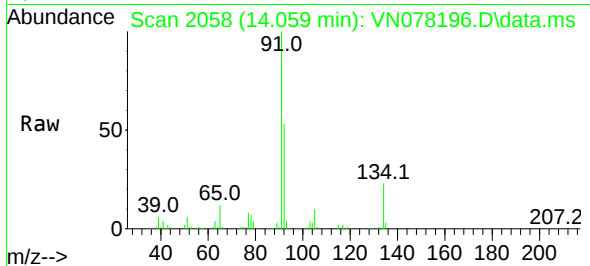
#89
n-Butylbenzene
Concen: 15.208 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBSD01

Tgt Ion: 91 Resp: 18165
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 24.7 12.6 37.6

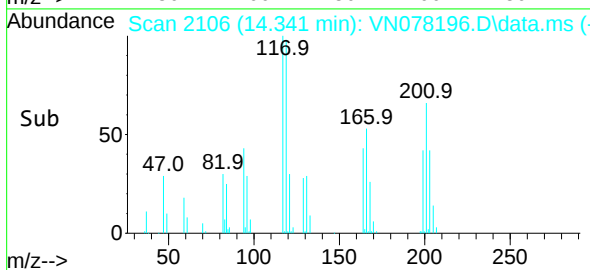
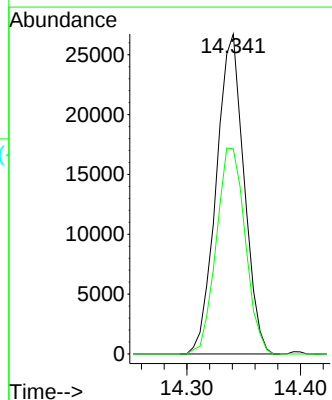
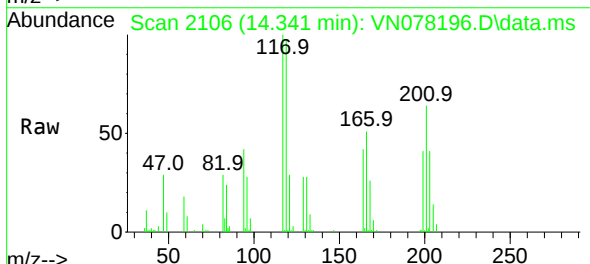
Manual Integrations
APPROVED

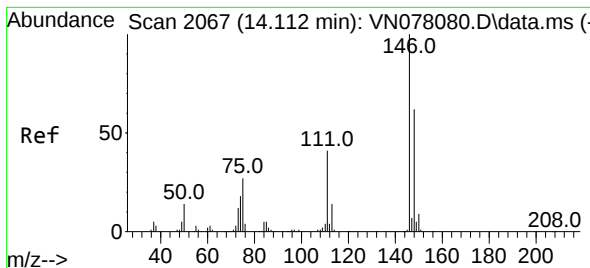
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#90
Hexachloroethane
Concen: 16.869 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078196.D
Acq: 14 Jun 2023 11:20

Tgt Ion:117 Resp: 45334
Ion Ratio Lower Upper
117 100
201 67.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.238 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01

Tgt Ion:146 Resp: 141789

Ion Ratio Lower Upper

146 100

111 42.4 22.0 66.0

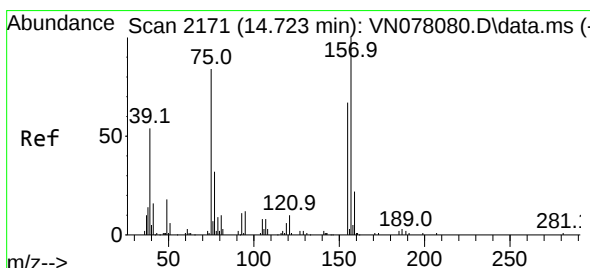
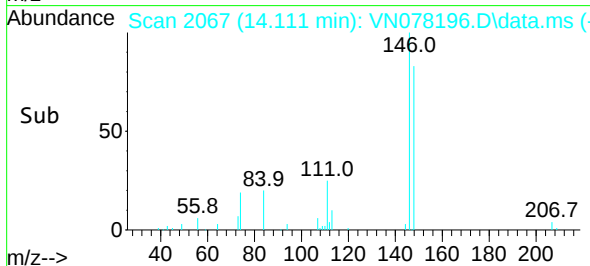
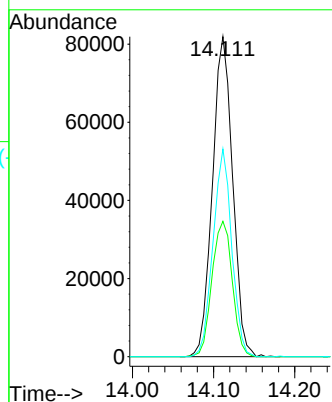
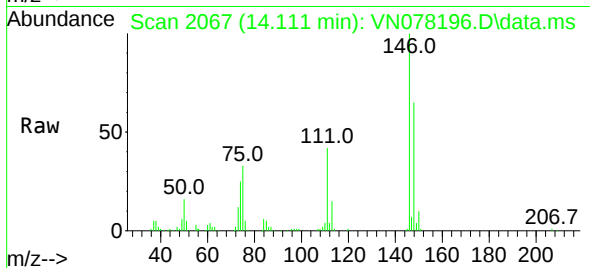
148 60.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.336 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

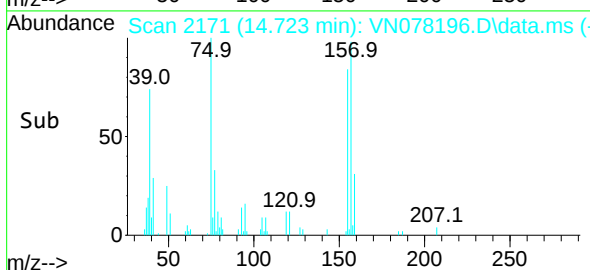
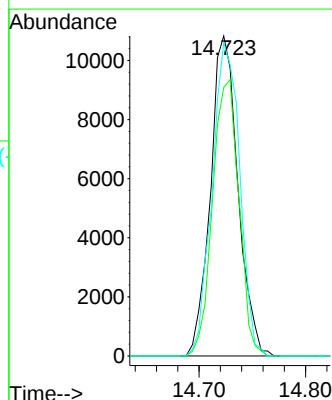
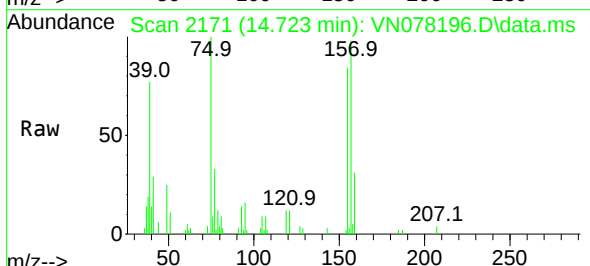
Tgt Ion: 75 Resp: 19403

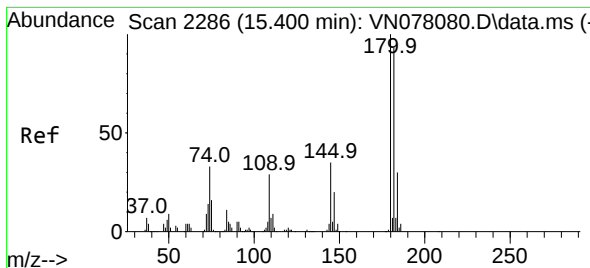
Ion Ratio Lower Upper

75 100

155 82.4 39.1 117.2

157 98.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.981 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078196.D

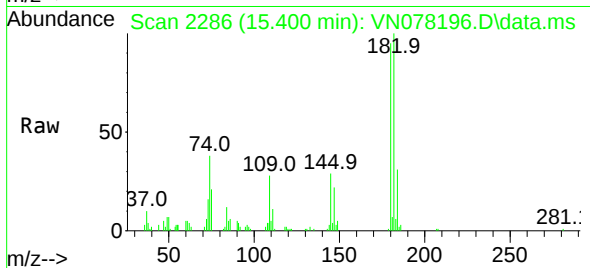
Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01



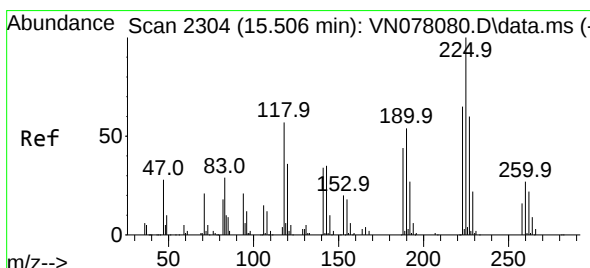
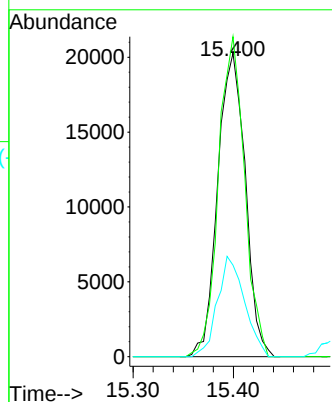
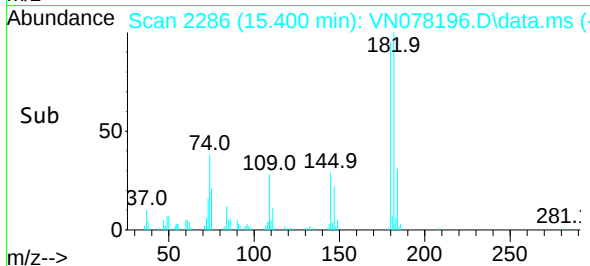
Tgt Ion:180	Resp:	38729
Ion Ratio	Lower	Upper
180	100	
182	99.7	46.1 138.2
145	32.5	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#94

Hexachlorobutadiene

Concen: 15.277 ug/l

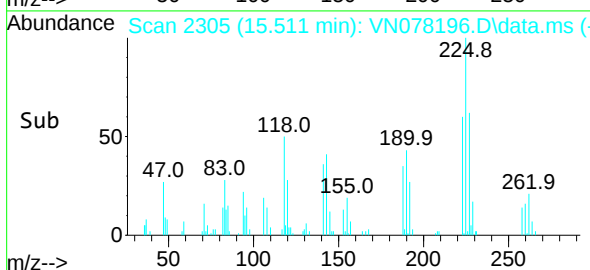
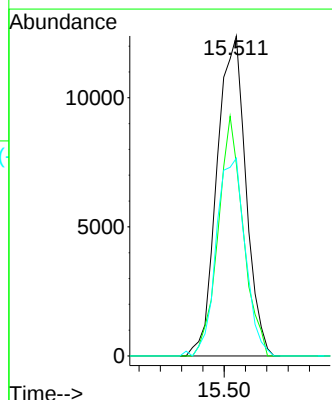
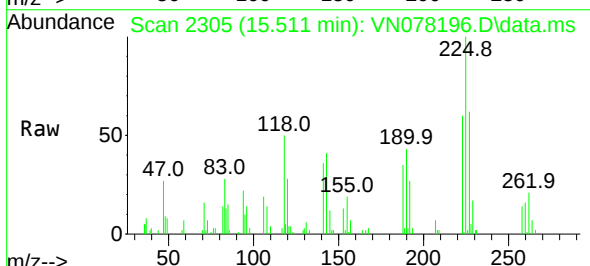
RT: 15.511 min Scan# 2305

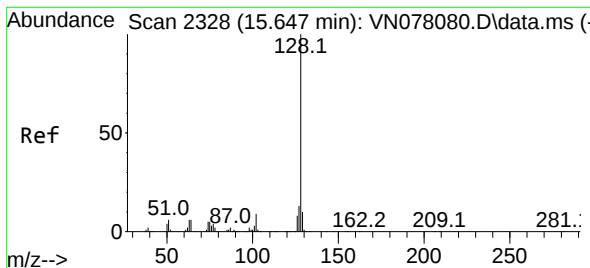
Delta R.T. 0.005 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Tgt Ion:225	Resp:	23269
Ion Ratio	Lower	Upper
225	100	
223	64.8	31.3 93.8
227	62.0	31.9 95.9





#95

Naphthalene

Concen: 13.672 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078196.D

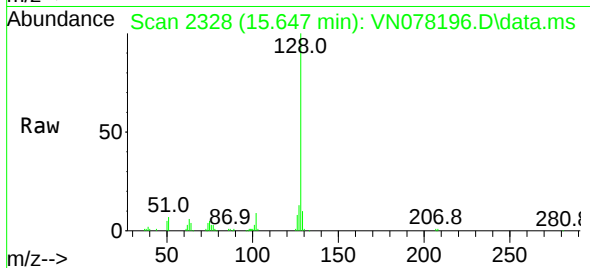
Acq: 14 Jun 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBSD01



Tgt Ion:128 Resp: 127395

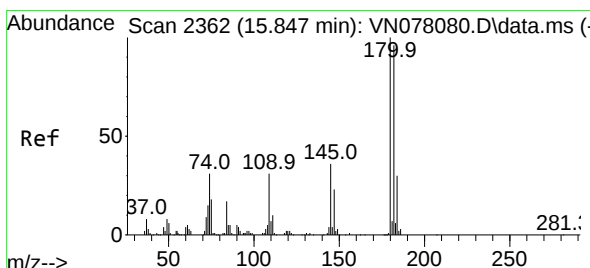
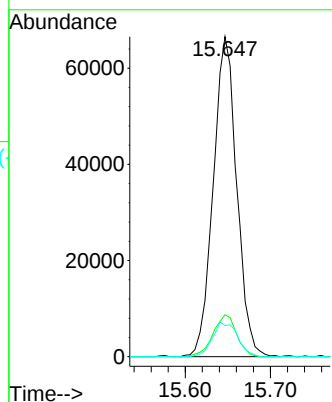
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	11.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.035 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078196.D

Acq: 14 Jun 2023 11:20

Tgt Ion:180 Resp: 46580

Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.2	138.6
145	33.8	17.5	52.6

