

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078195.D
 Acq On : 14 Jun 2023 10:43
 Operator : JC\MD
 Sample : VN0614WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBS01

Quant Time: Jun 15 02:39:52 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	411032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	736527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	638619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	286176	52.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.440%			
35) Dibromofluoromethane	8.177	113	237628	51.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.060%			
50) Toluene-d8	10.571	98	911184	50.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.853	95	274115	49.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	76802	16.530	ug/l	98
3) Chloromethane	2.371	50	83970	18.044	ug/l	96
4) Vinyl Chloride	2.524	62	107708	17.703	ug/l	98
5) Bromomethane	2.965	94	81537	17.733	ug/l	97
6) Chloroethane	3.130	64	78673	18.969	ug/l	99
7) Trichlorofluoromethane	3.506	101	149863	18.164	ug/l	96
8) Diethyl Ether	3.977	74	52536	18.122	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.389	101	84806	19.477	ug/l	100
10) Methyl Iodide	4.600	142	108634	17.642	ug/l	98
11) Tert butyl alcohol	5.524	59	71782	94.860	ug/l	98
12) 1,1-Dichloroethene	4.348	96	76586	17.063	ug/l	85
13) Acrolein	4.189	56	108943	130.627	ug/l	97
14) Allyl chloride	5.030	41	104368	19.048	ug/l	92
15) Acrylonitrile	5.730	53	189252	97.006	ug/l	99
16) Acetone	4.436	43	176263	111.740	ug/l	92
17) Carbon Disulfide	4.718	76	197980	17.137	ug/l	97
18) Methyl Acetate	5.036	43	138478	19.068	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	269352	18.808	ug/l	96
20) Methylene Chloride	5.283	84	96011	18.419	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	84531	17.461	ug/l	88
22) Diisopropyl ether	6.683	45	253780	19.691	ug/l	94
23) Vinyl Acetate	6.612	43	747784	97.606	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	164981	19.405	ug/l	95
25) 2-Butanone	7.494	43	248101	102.278	ug/l	88
26) 2,2-Dichloropropane	7.494	77	139538	22.228	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	103960	18.003	ug/l	93
28) Bromochloromethane	7.818	49	84512	21.650	ug/l	89
29) Tetrahydrofuran	7.847	42	156268	96.365	ug/l	85
30) Chloroform	7.977	83	179698	19.628	ug/l	87
31) Cyclohexane	8.265	56	130243	18.527	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	156618	19.486	ug/l	95
36) 1,1-Dichloropropene	8.377	75	128283	19.204	ug/l	97
37) Ethyl Acetate	7.571	43	107076	20.519	ug/l	94
38) Carbon Tetrachloride	8.371	117	139736	19.811	ug/l	97
39) Methylcyclohexane	9.606	83	115501	16.685	ug/l	95
40) Benzene	8.612	78	384733	19.292	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	53504	18.916	ug/l	93
42) 1,2-Dichloroethane	8.677	62	135606	19.832	ug/l	99
43) Isopropyl Acetate	8.694	43	180596	18.096	ug/l	94
44) Trichloroethene	9.359	130	95375	18.110	ug/l	96
45) 1,2-Dichloropropane	9.630	63	97612	19.673	ug/l	98
46) Dibromomethane	9.712	93	68788	18.822	ug/l	94
47) Bromodichloromethane	9.894	83	134972	19.882	ug/l	94
48) Methyl methacrylate	9.688	41	82399	19.675	ug/l	89
49) 1,4-Dioxane	9.700	88	32624	370.626	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	532409	101.310	ug/l	92
52) Toluene	10.635	92	240829	19.127	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	139929	19.792	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	155923	19.951	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	98307	20.640	ug/l	97
56) Ethyl methacrylate	10.877	69	131208	18.919	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	157194	19.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	290052	103.528	ug/l	94
59) 2-Hexanone	11.200	43	372501	101.799	ug/l	91
60) Dibromochloromethane	11.365	129	102228	19.614	ug/l	99
61) 1,2-Dibromoethane	11.471	107	94438	18.893	ug/l	99
64) Tetrachloroethene	11.112	164	83349	19.563	ug/l	98
65) Chlorobenzene	11.894	112	249503	18.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	93134	18.515	ug/l	94
67) Ethyl Benzene	11.971	91	444678	18.844	ug/l	100
68) m/p-Xylenes	12.076	106	337217	37.496	ug/l	98
69) o-Xylene	12.406	106	161691	18.308	ug/l	95
70) Styrene	12.418	104	255616	18.385	ug/l	96
71) Bromoform	12.582	173	64852	19.978	ug/l #	99
73) Isopropylbenzene	12.700	105	406910	18.058	ug/l	99
74) N-amyl acetate	12.500	43	135117	18.209	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	134521	20.250	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	109061m	19.361	ug/l	
77) Bromobenzene	12.988	156	93052	17.789	ug/l	99
78) n-propylbenzene	13.041	91	450342	18.395	ug/l	99
79) 2-Chlorotoluene	13.129	91	290267	18.368	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	326932	17.921	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	36313	19.805	ug/l	87
82) 4-Chlorotoluene	13.229	91	268617	18.213	ug/l	99
83) tert-Butylbenzene	13.441	119	273787	17.265	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	320384	18.114	ug/l	99
85) sec-Butylbenzene	13.623	105	346632	16.700	ug/l	99
86) p-Isopropyltoluene	13.735	119	275743	16.371	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	149756	16.926	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	145455	17.037	ug/l	96
89) n-Butylbenzene	14.065	91	203590	15.324	ug/l	97
90) Hexachloroethane	14.341	117	52500	17.564	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	151548	17.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22354	20.029	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	44161	14.334	ug/l	99
94) Hexachlorobutadiene	15.506	225	24708	14.456	ug/l	97
95) Naphthalene	15.647	128	141444	13.648	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	50853	14.758	ug/l	95

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Manual Integrations
APPROVED

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

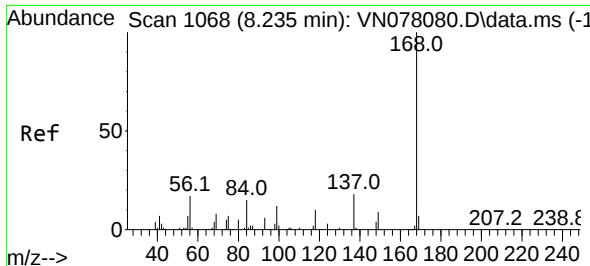
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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

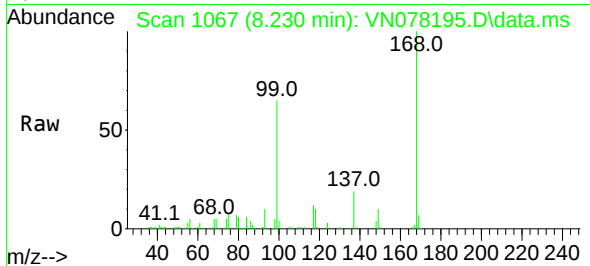
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078195.D
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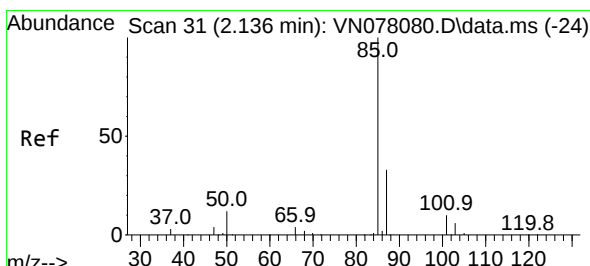
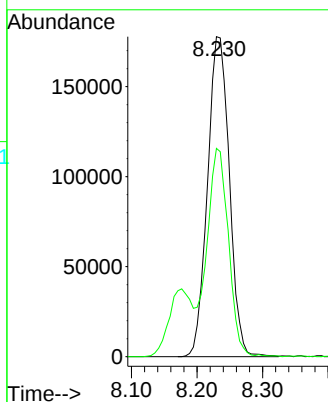
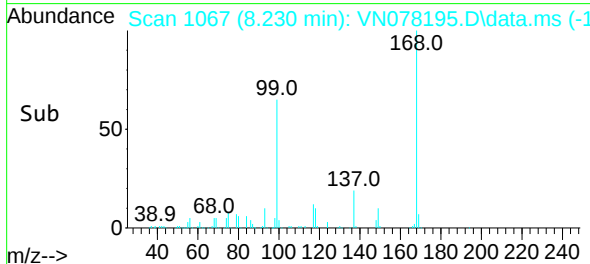
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion:168 Resp: 41103
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6

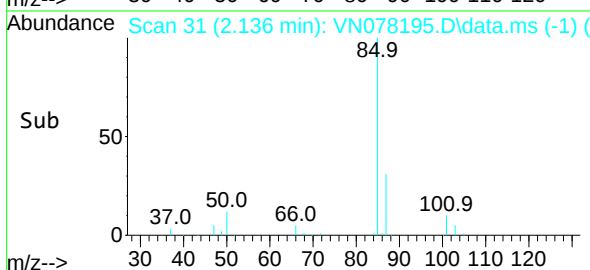
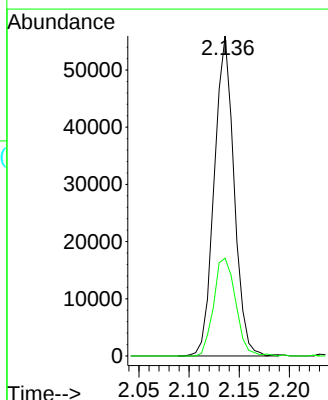
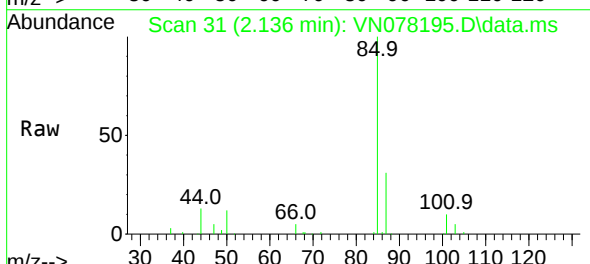
Manual Integrations
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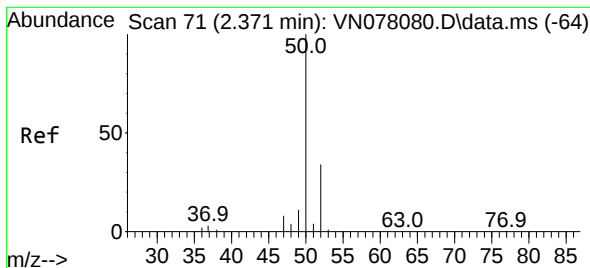
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#2
Dichlorodifluoromethane
Concen: 16.530 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Tgt Ion: 85 Resp: 76802
Ion Ratio Lower Upper
85 100
87 30.5 15.8 47.4





#3

Chloromethane

Concen: 18.044 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 50 Resp: 83970

Ion Ratio Lower Upper

50 100

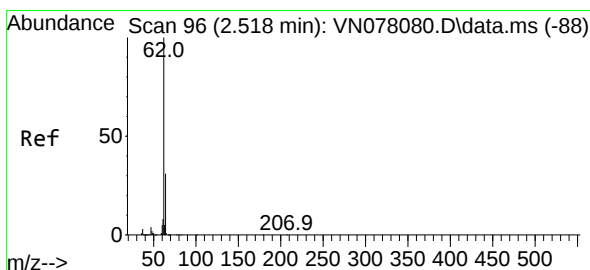
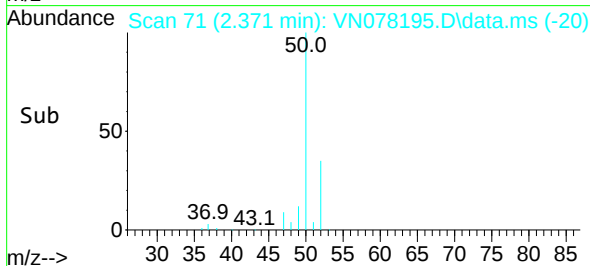
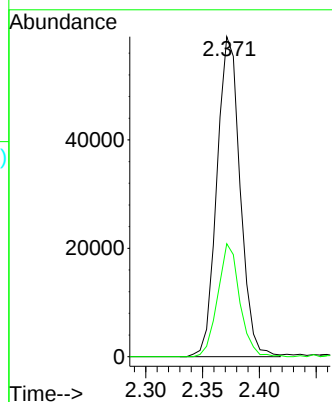
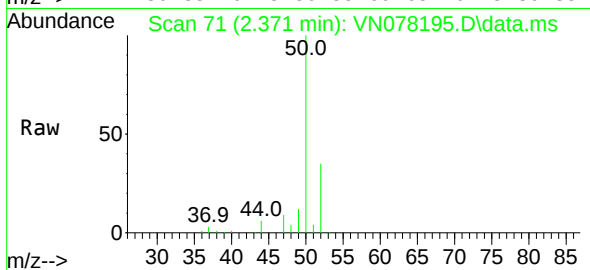
52 35.3 26.5 39.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/15/2023



#4

Vinyl Chloride

Concen: 17.703 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078195.D

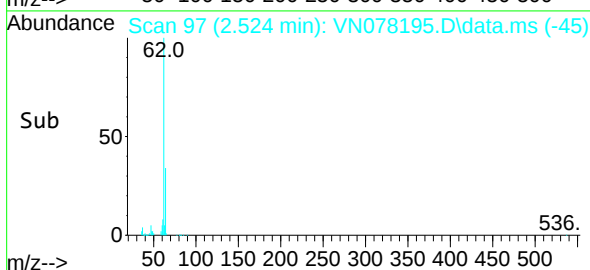
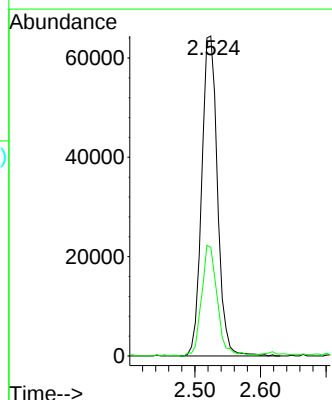
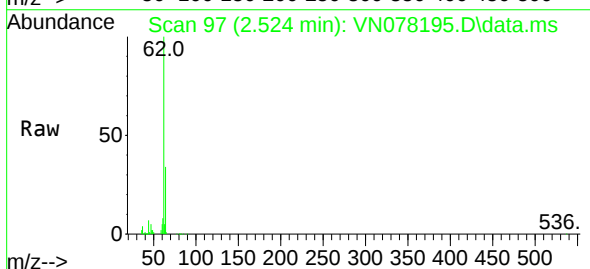
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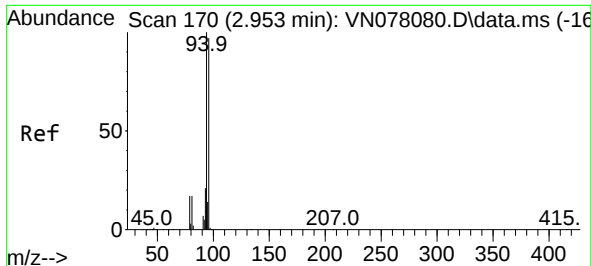
Tgt Ion: 62 Resp: 107708

Ion Ratio Lower Upper

62 100

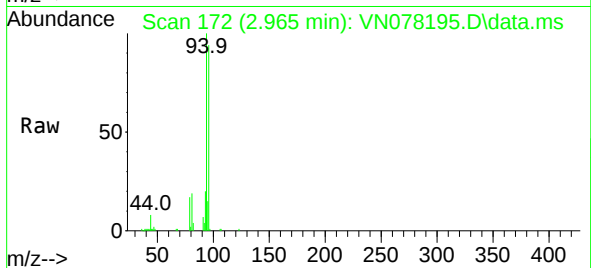
64 34.0 26.2 39.2





#5
Bromomethane
Concen: 17.733 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

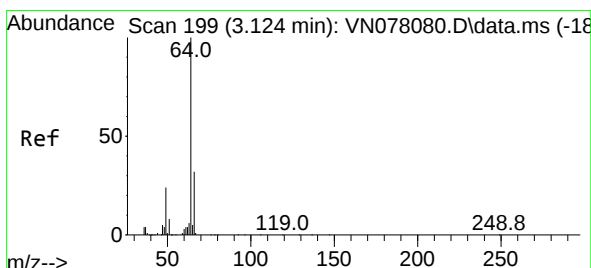
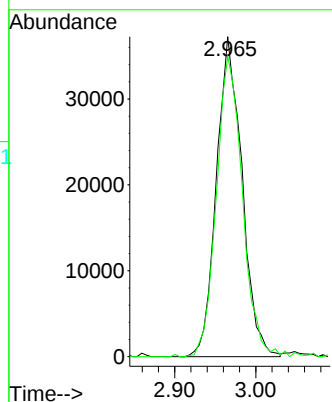
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 8153
Ion Ratio Lower Upper
94 100
96 93.9 73.1 109.7

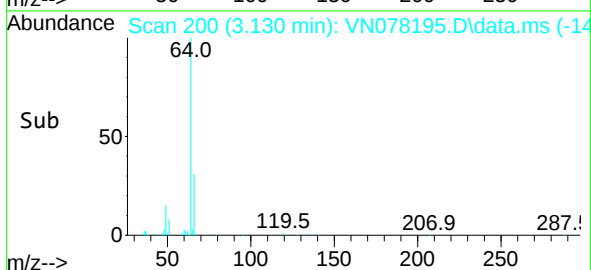
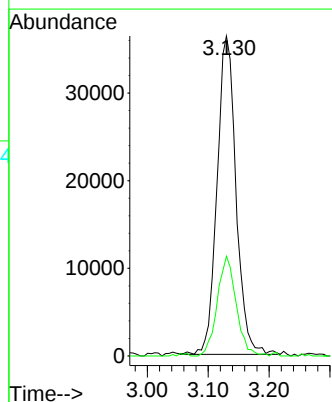
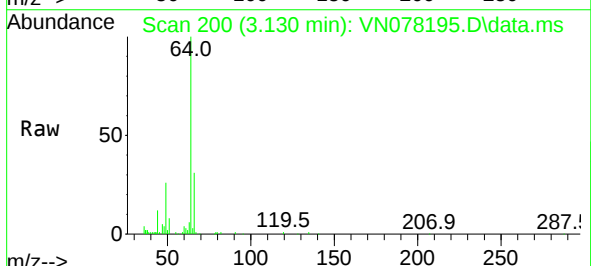
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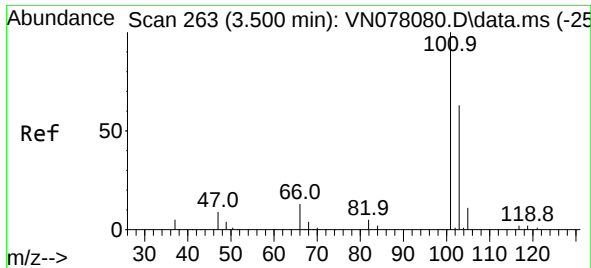
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#6
Chloroethane
Concen: 18.969 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078195.D
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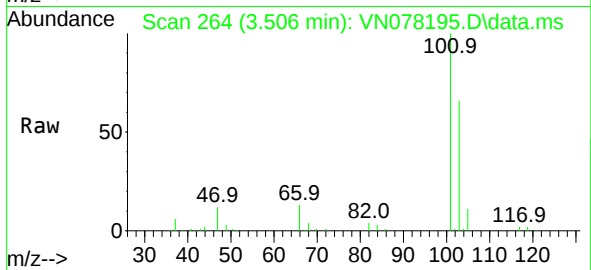
Tgt Ion: 64 Resp: 78673
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.164 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

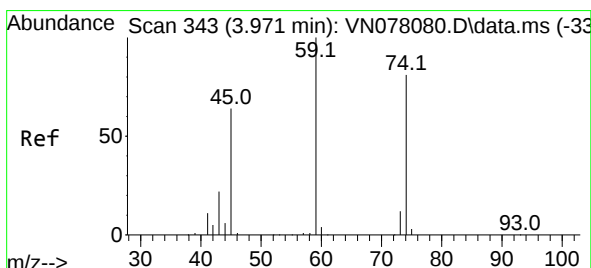
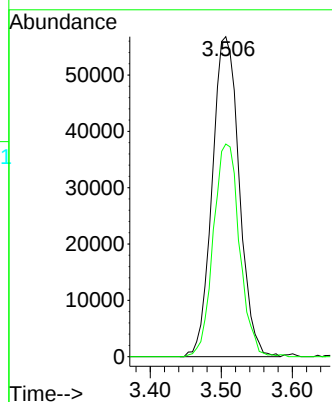
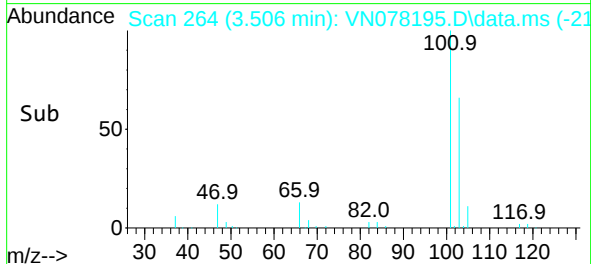
Instrument :
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ClientSampleId :
VN0614WBS01



Tgt Ion:101 Resp: 14986
Ion Ratio Lower Upper
101 100
103 66.4 50.7 76.1

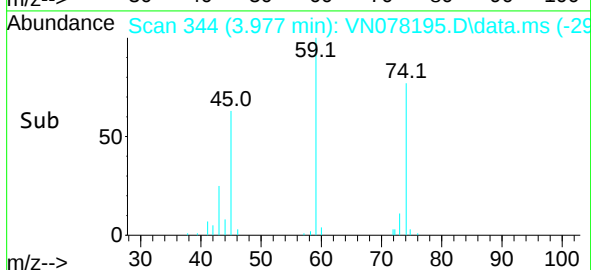
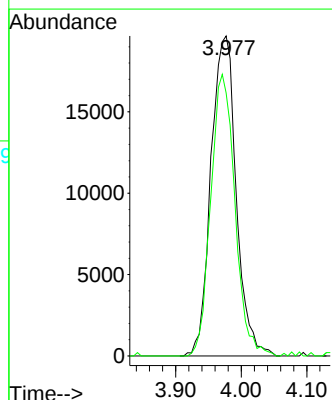
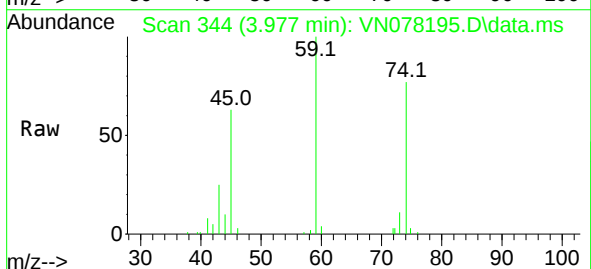
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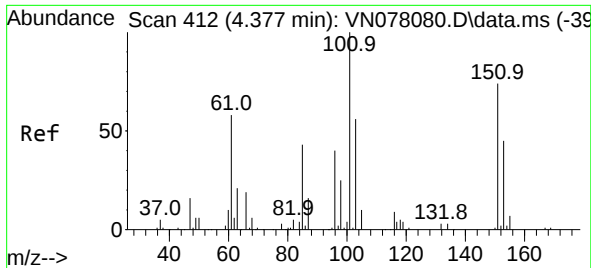
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#8
Diethyl Ether
Concen: 18.122 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Tgt Ion: 74 Resp: 52536
Ion Ratio Lower Upper
74 100
45 84.5 34.4 103.3





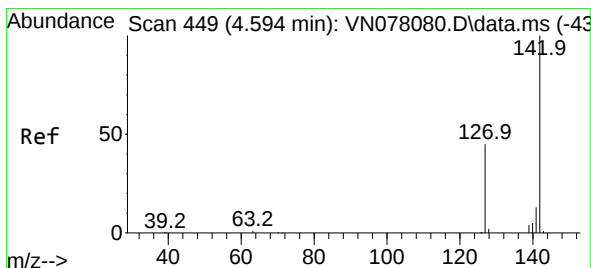
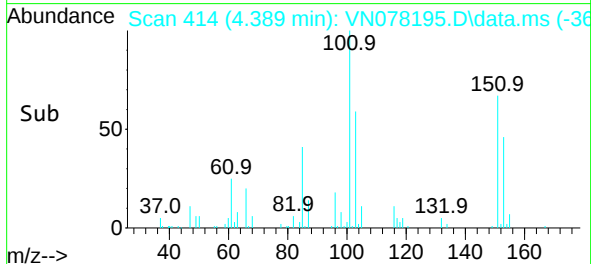
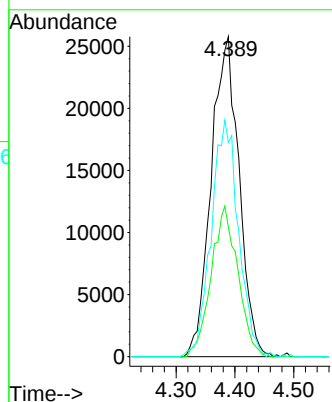
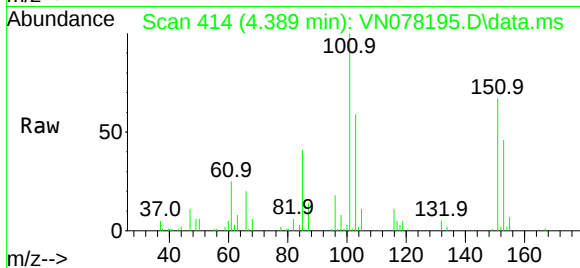
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.477 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01

Tgt Ion:101 Resp: 84800
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 72.1 57.6 86.4

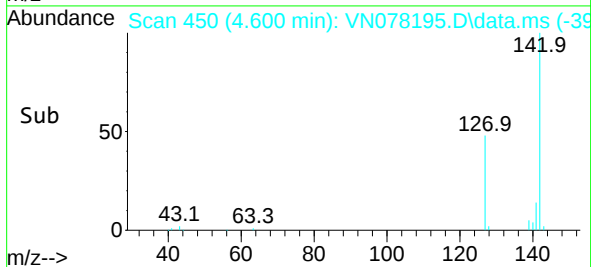
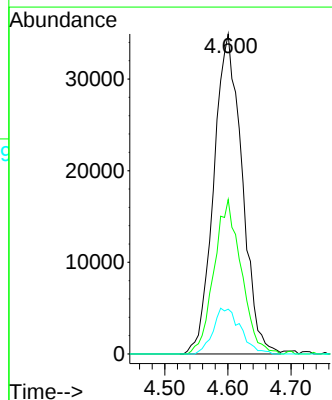
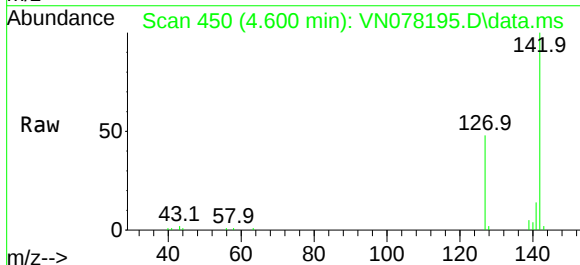
Manual Integrations
APPROVED

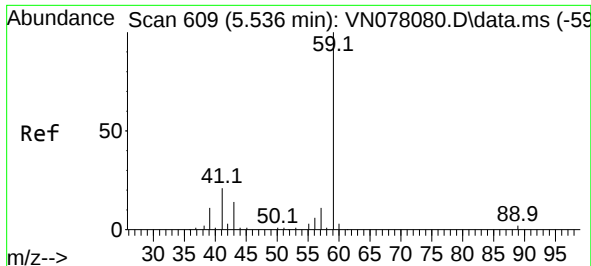
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#10
Methyl Iodide
Concen: 17.642 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

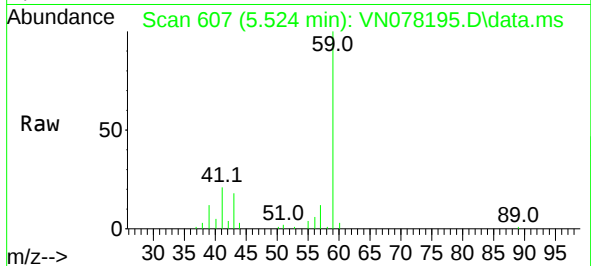
Tgt Ion:142 Resp: 108634
Ion Ratio Lower Upper
142 100
127 48.3 37.6 56.4
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 94.860 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

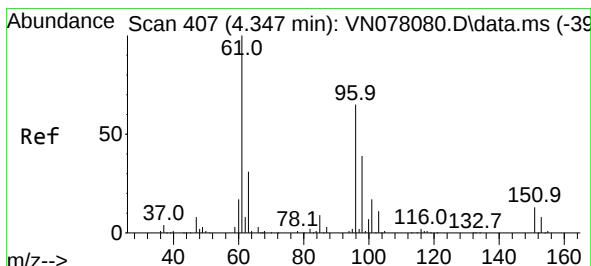
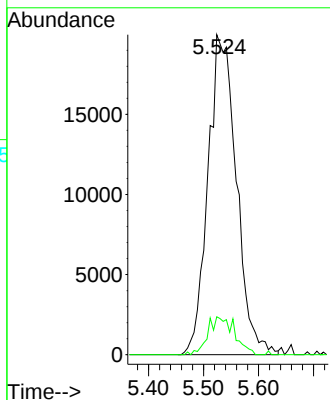
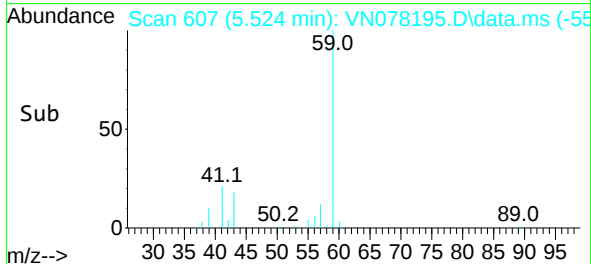
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



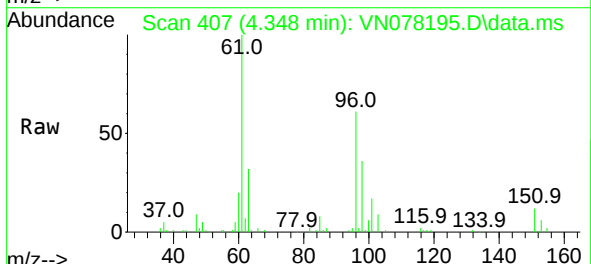
Tgt Ion: 59 Resp: 7178
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

Manual Integrations
APPROVED

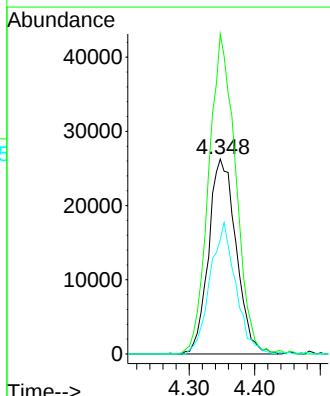
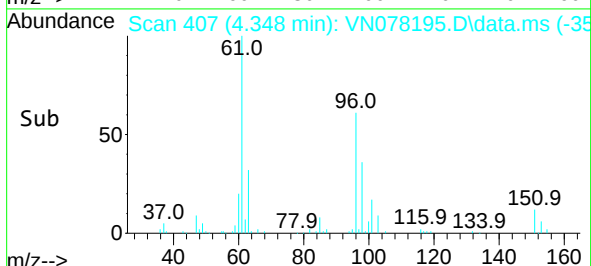
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

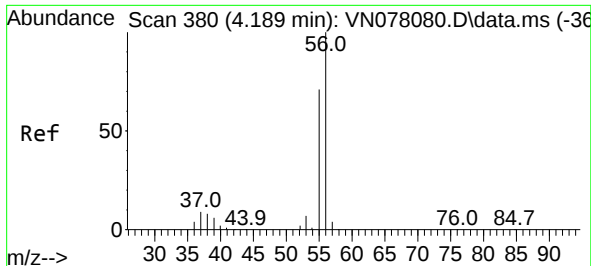


#12
1,1-Dichloroethene
Concen: 17.063 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion: 96 Resp: 76586
Ion Ratio Lower Upper
96 100
61 164.2 112.7 169.1
98 58.7 51.2 76.8





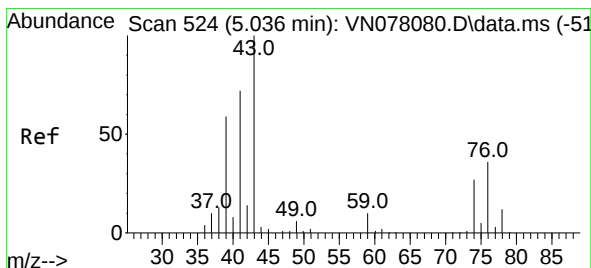
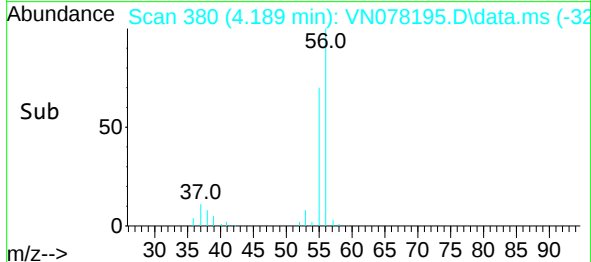
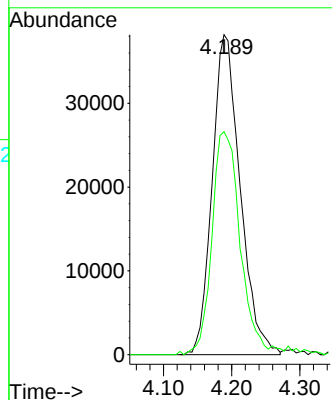
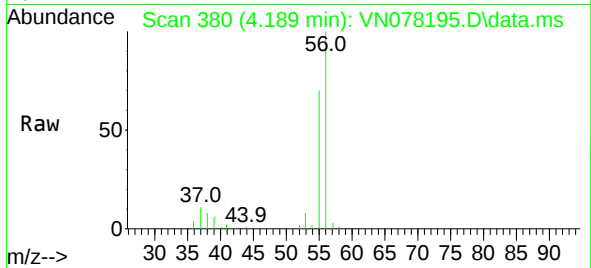
#13
Acrolein
Concen: 130.627 ug/l
RT: 4.189 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01

Tgt Ion: 56 Resp: 10894
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

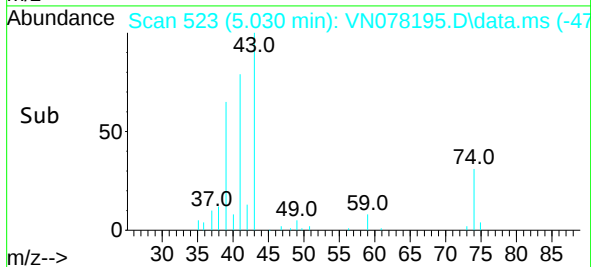
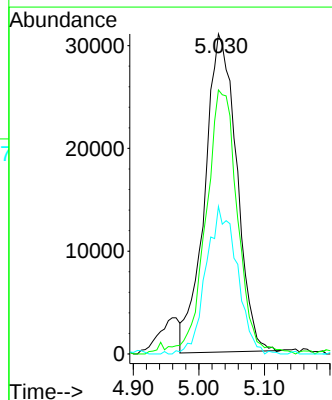
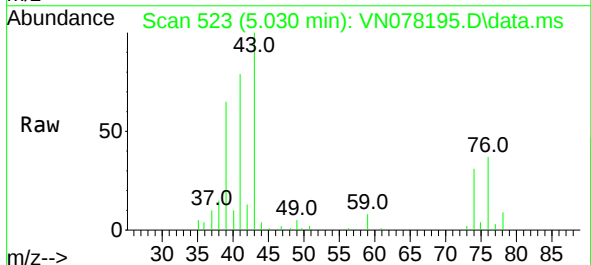
Manual Integrations
APPROVED

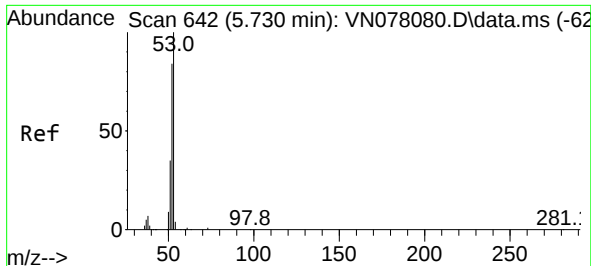
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#14
Allyl chloride
Concen: 19.048 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

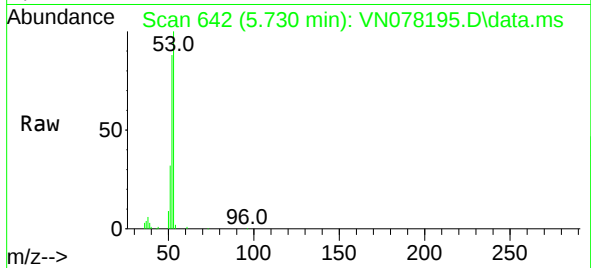
Tgt Ion: 41 Resp: 104368
Ion Ratio Lower Upper
41 100
39 82.0 58.8 88.2
76 45.1 39.1 58.7





#15
Acrylonitrile
Concen: 97.006 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

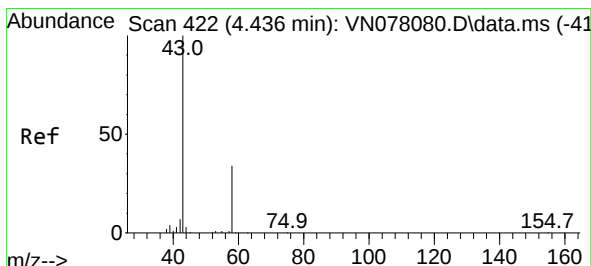
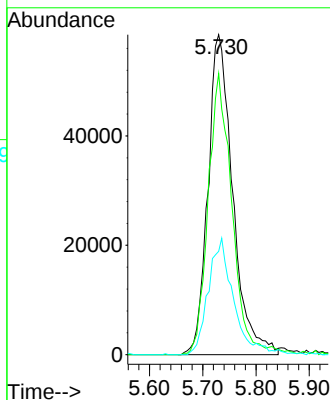
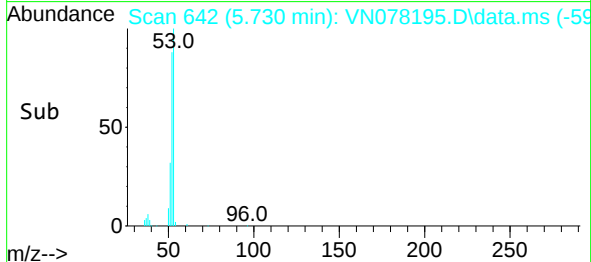
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



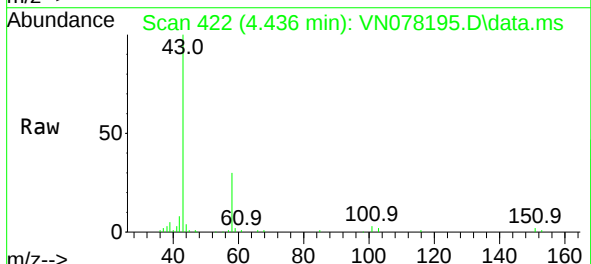
Tgt Ion: 53 Resp: 189252
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
APPROVED

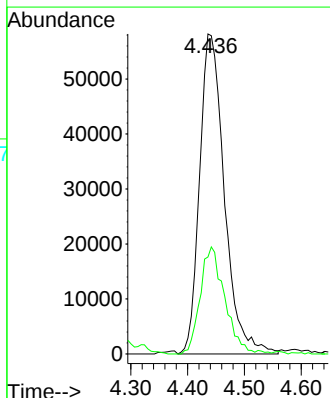
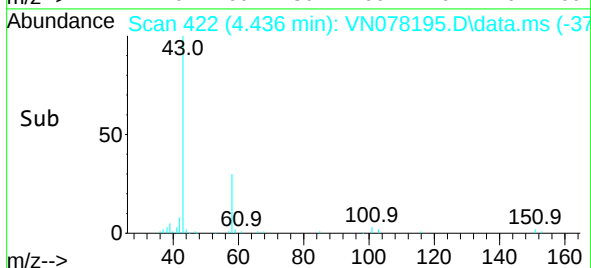
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

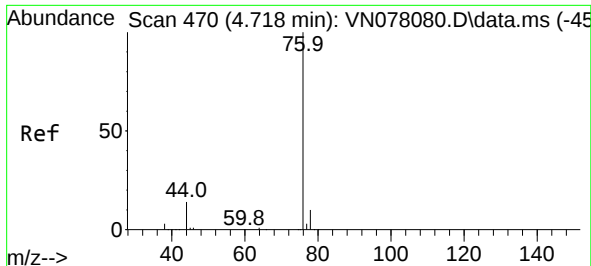


#16
Acetone
Concen: 111.740 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



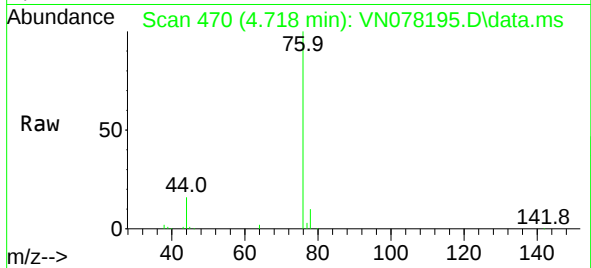
Tgt Ion: 43 Resp: 176263
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0





#17
Carbon Disulfide
Concen: 17.137 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

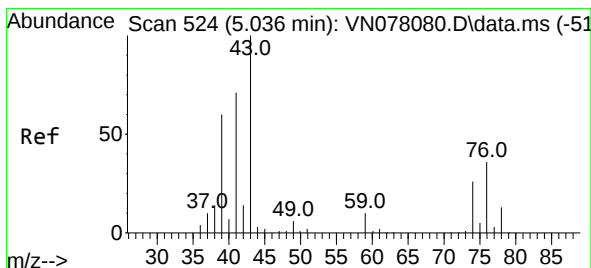
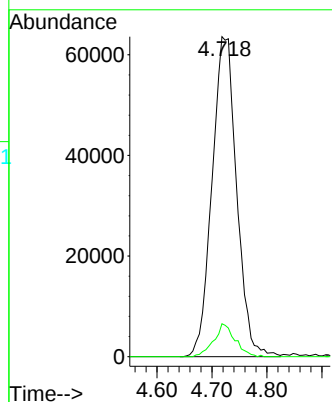
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion: 76 Resp: 197980
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

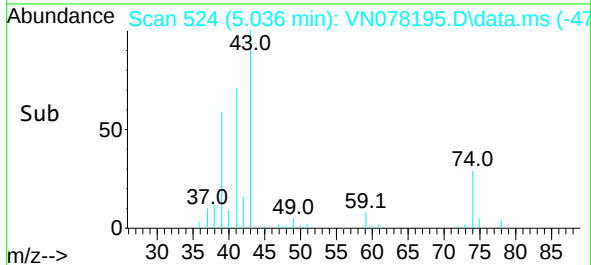
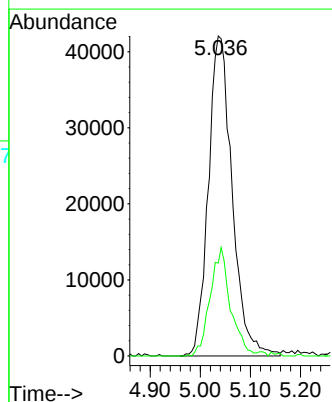
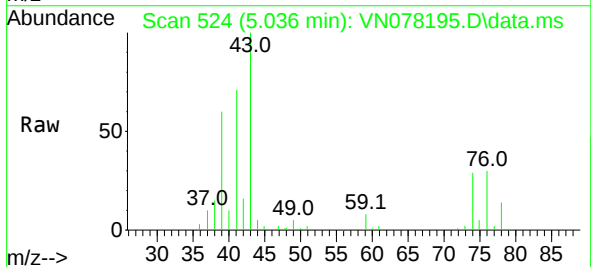
Manual Integrations
APPROVED

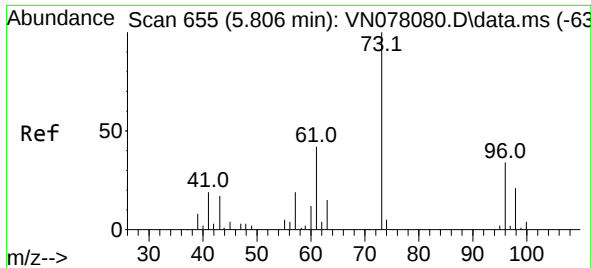
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#18
Methyl Acetate
Concen: 19.068 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Tgt Ion: 43 Resp: 138478
Ion Ratio Lower Upper
43 100
74 28.9 26.2 39.4





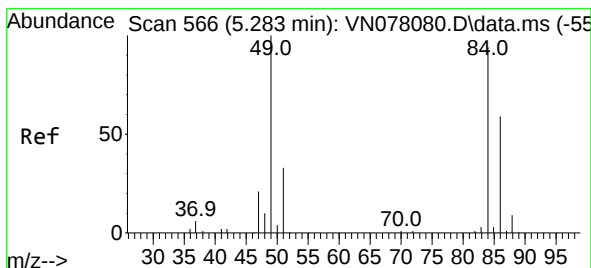
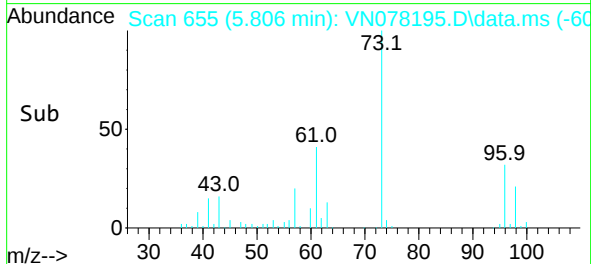
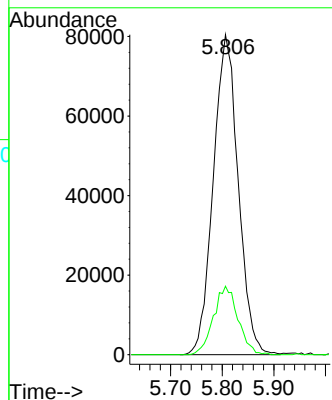
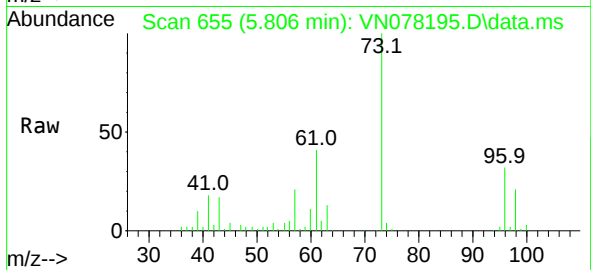
#19
Methyl tert-butyl Ether
Concen: 18.808 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01

Tgt Ion: 73 Resp: 269352
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4

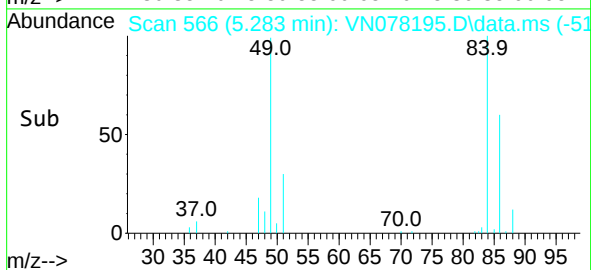
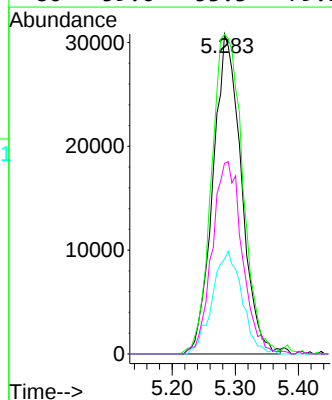
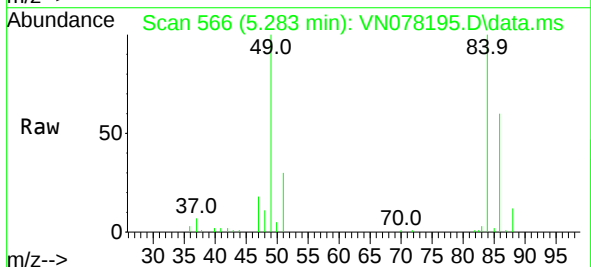
Manual Integrations
APPROVED

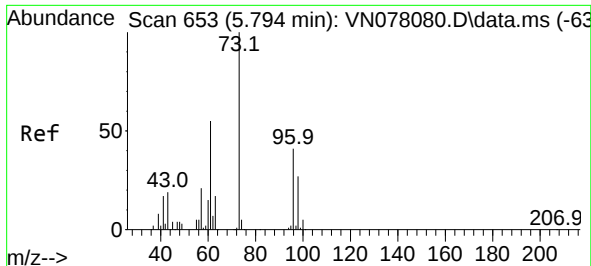
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#20
Methylene Chloride
Concen: 18.419 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

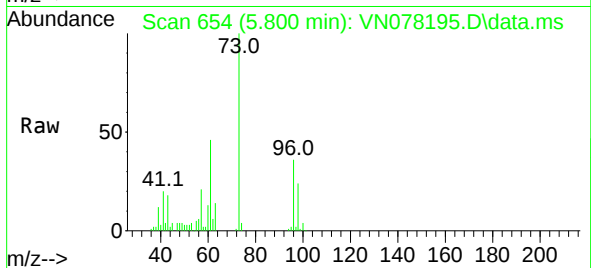
Tgt Ion: 84 Resp: 96011
Ion Ratio Lower Upper
84 100
49 99.9 79.7 119.5
51 29.6 25.2 37.8
86 59.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.461 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

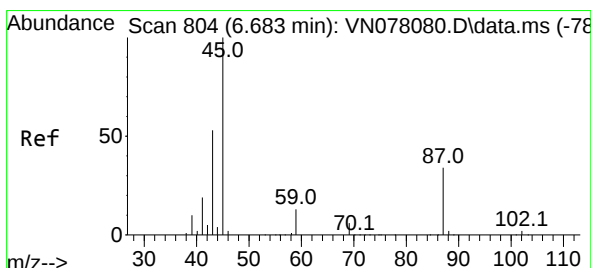
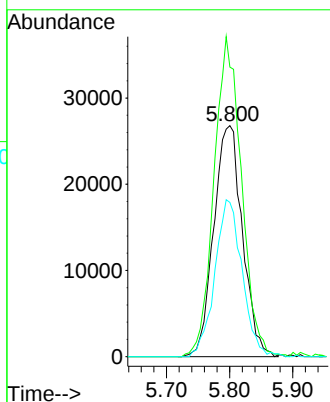
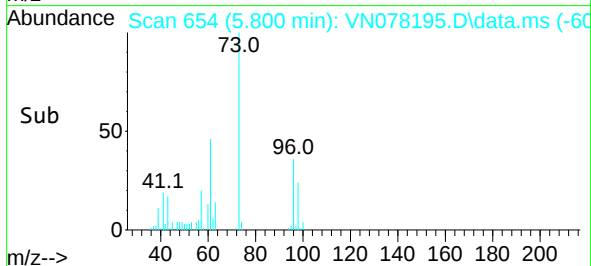
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion: 96 Resp: 8453
Ion Ratio Lower Upper
96 100
61 125.4 90.1 135.1
98 66.7 46.4 69.6

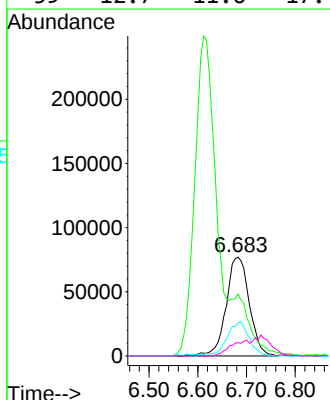
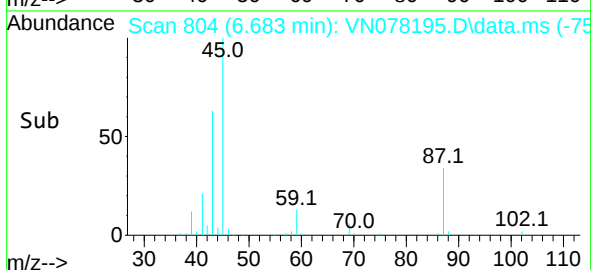
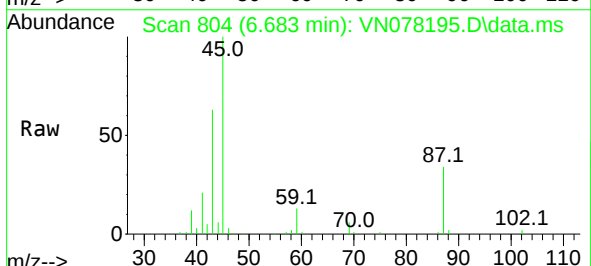
Manual Integrations
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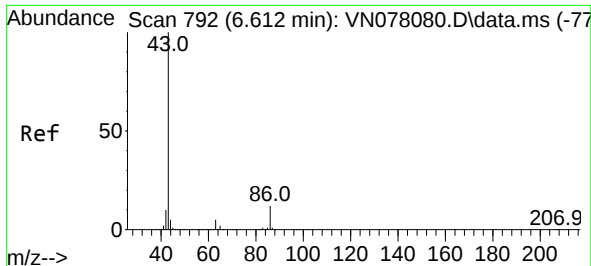
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#22
Diisopropyl ether
Concen: 19.691 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

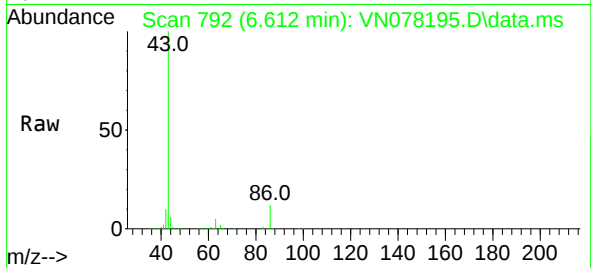
Tgt Ion: 45 Resp: 253780
Ion Ratio Lower Upper
45 100
43 59.1 45.5 68.3
87 33.5 31.8 47.8
59 12.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 97.606 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078195.D
 Acq: 14 Jun 2023 10:43

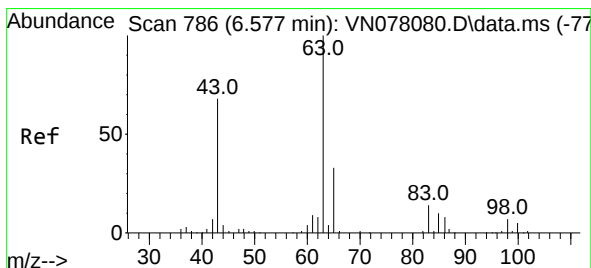
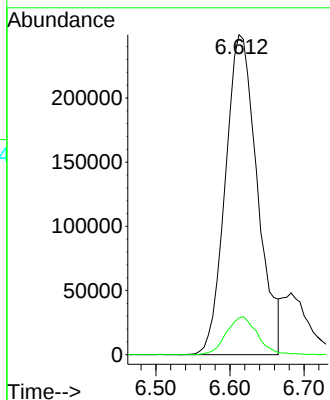
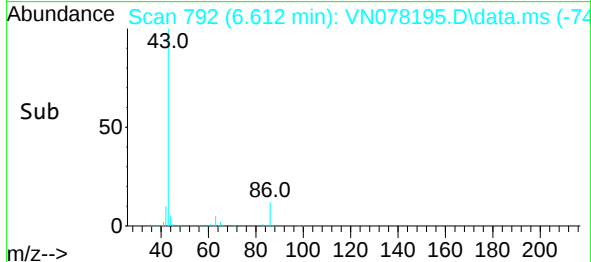
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBS01



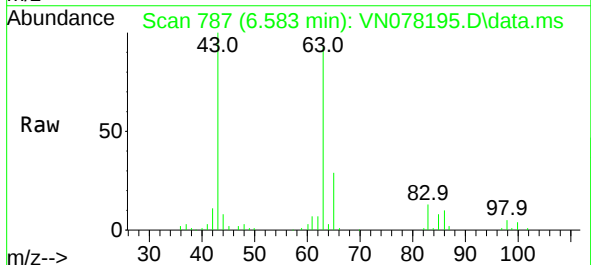
Tgt Ion: 43 Resp: 747784
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

Manual Integrations
 APPROVED

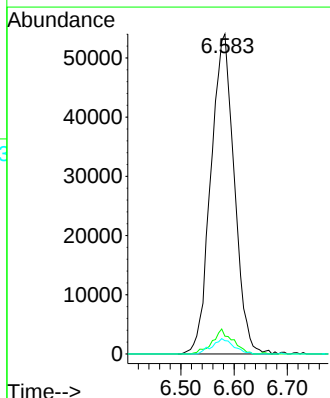
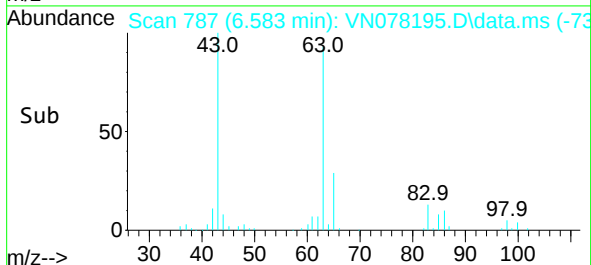
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

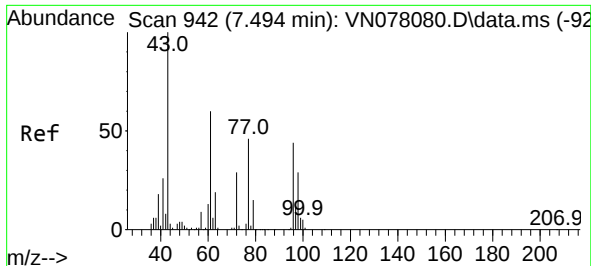


#24
 1,1-Dichloroethane
 Concen: 19.405 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078195.D
 Acq: 14 Jun 2023 10:43



Tgt Ion: 63 Resp: 164981
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.9 11.7
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 102.278 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 43 Resp: 24810

Ion Ratio Lower Upper

43 100

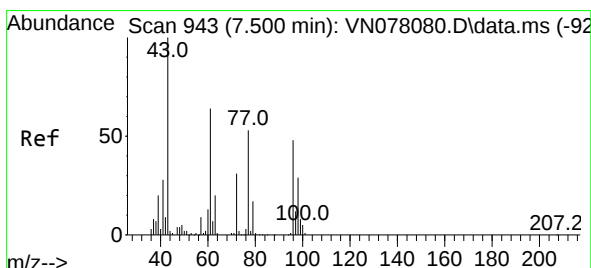
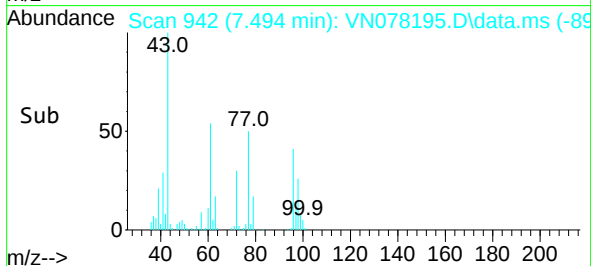
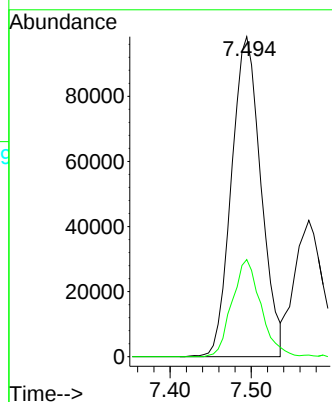
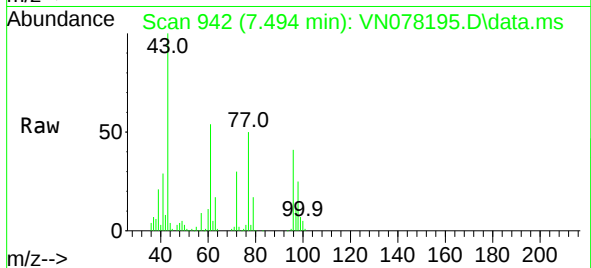
72 30.4 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#26

2,2-Dichloropropane

Concen: 22.228 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078195.D

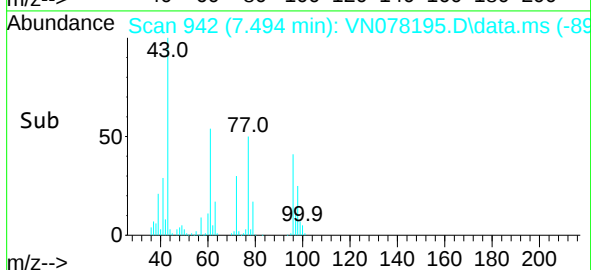
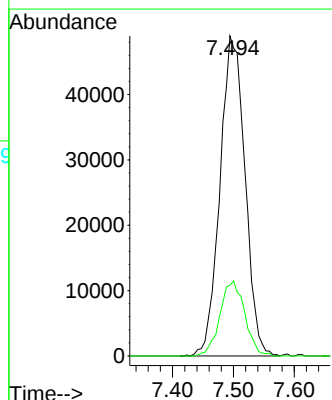
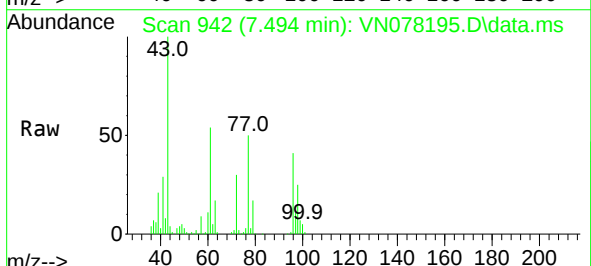
Acq: 14 Jun 2023 10:43

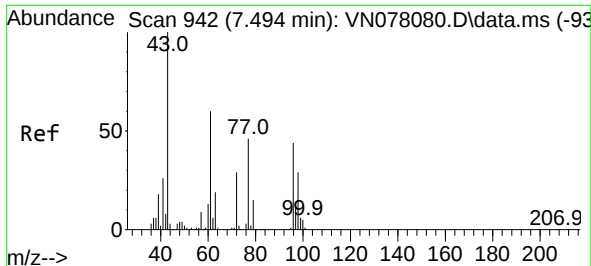
Tgt Ion: 77 Resp: 139538

Ion Ratio Lower Upper

77 100

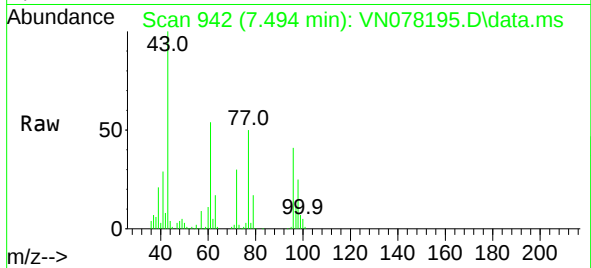
97 23.3 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.003 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

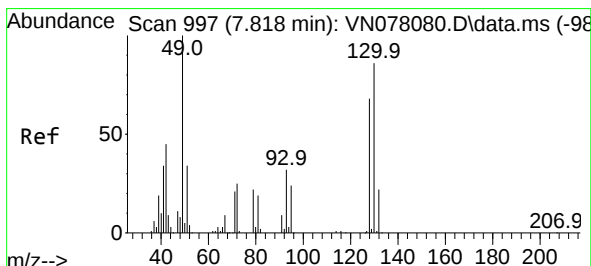
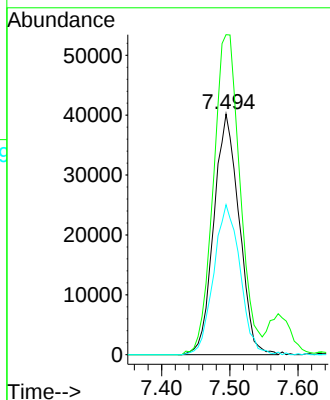
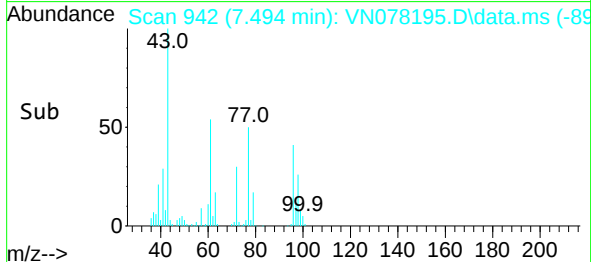
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



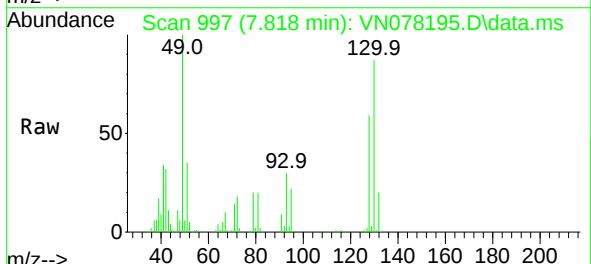
Tgt Ion: 96 Resp: 103960
Ion Ratio Lower Upper
96 100
61 140.2 0.0 255.2
98 64.8 0.0 128.8

Manual Integrations
APPROVED

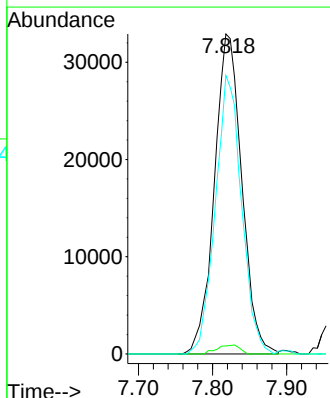
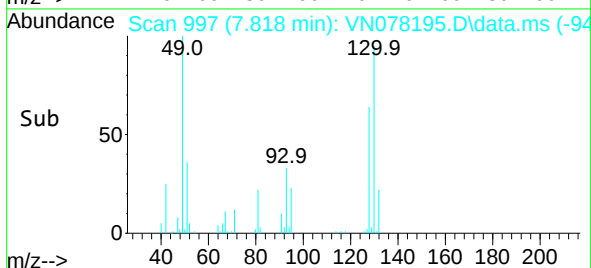
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

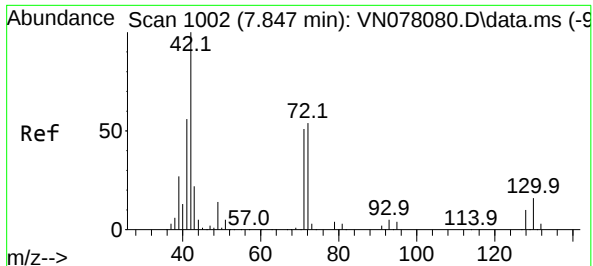


#28
Bromochloromethane
Concen: 21.650 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion: 49 Resp: 84512
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 83.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 96.365 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 42 Resp: 156268

Ion Ratio Lower Upper

42 100

72 51.8 49.8 74.6

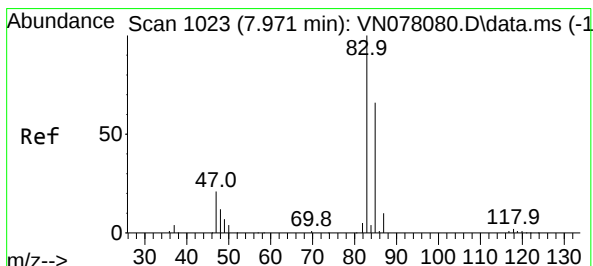
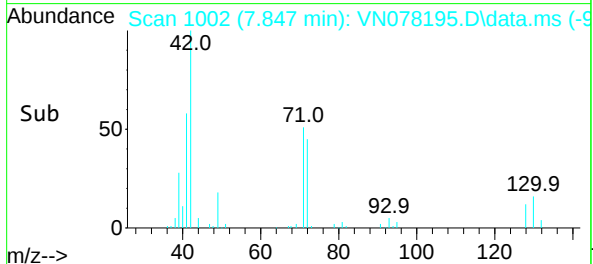
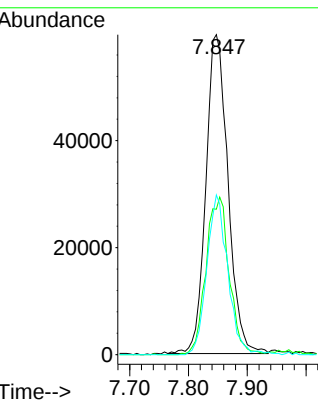
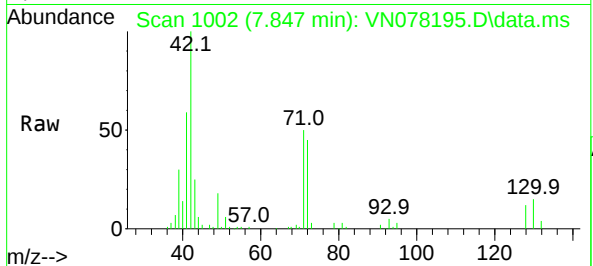
71 47.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#30

Chloroform

Concen: 19.628 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078195.D

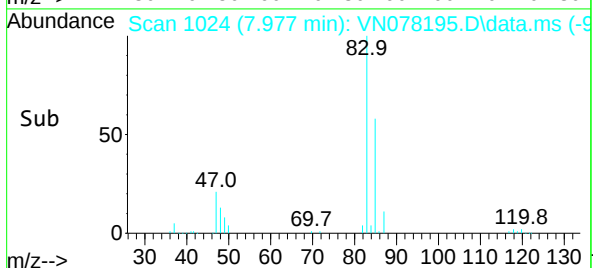
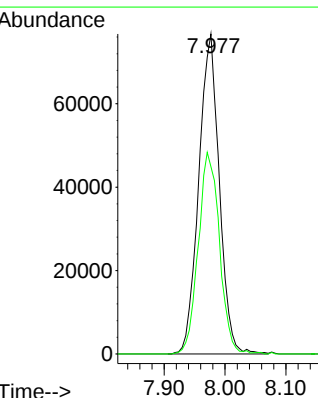
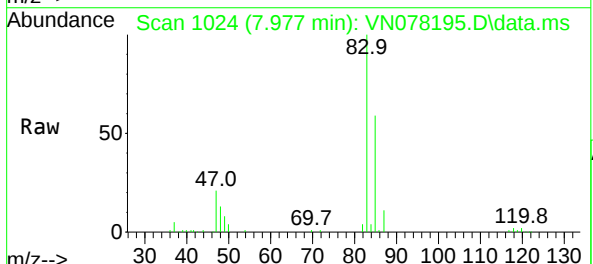
Acq: 14 Jun 2023 10:43

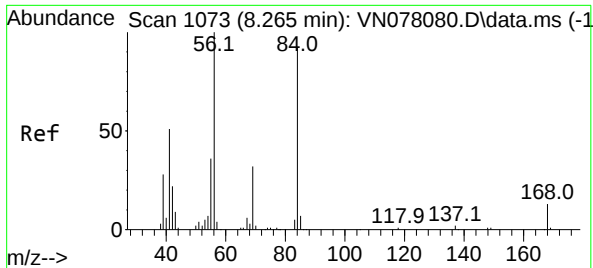
Tgt Ion: 83 Resp: 179698

Ion Ratio Lower Upper

83 100

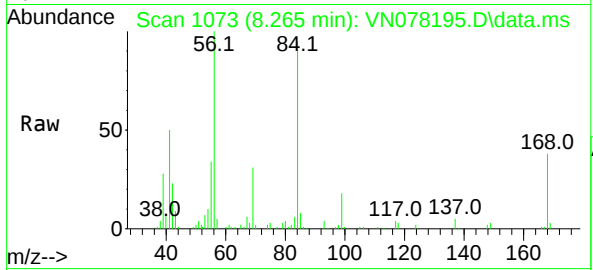
85 58.5 55.4 83.0





#31
Cyclohexane
Concen: 18.527 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

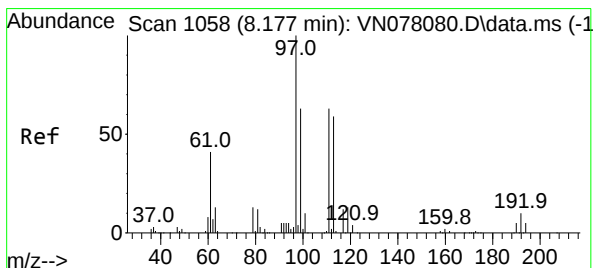
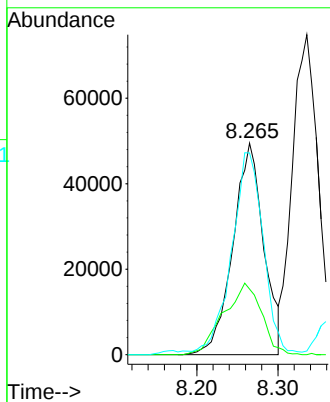
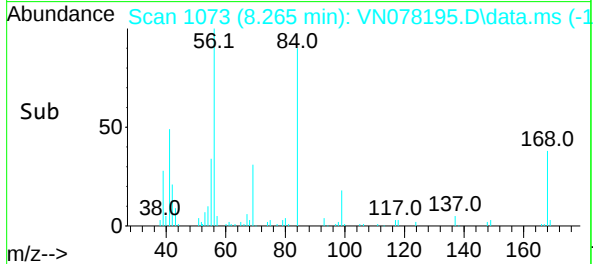
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



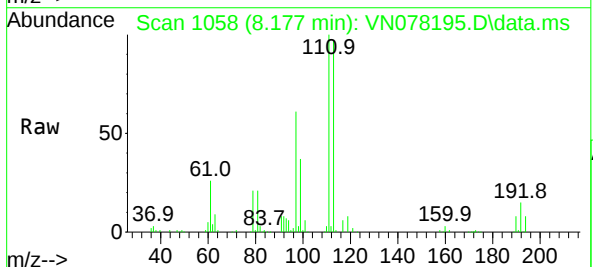
Tgt Ion: 56 Resp: 13024
Ion Ratio Lower Upper
56 100
69 31.0 26.8 40.2
84 94.1 81.8 122.6

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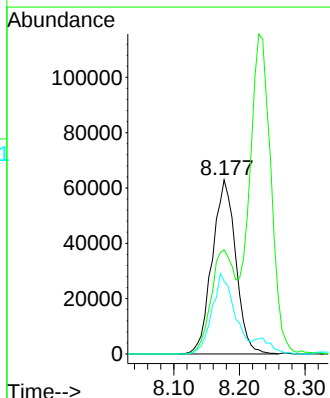
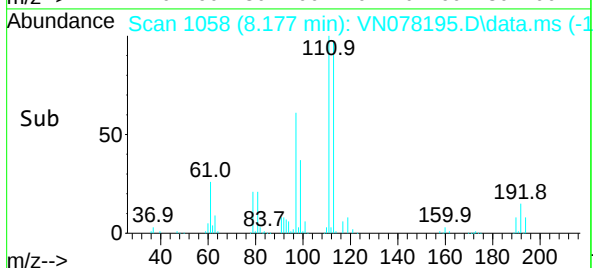
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

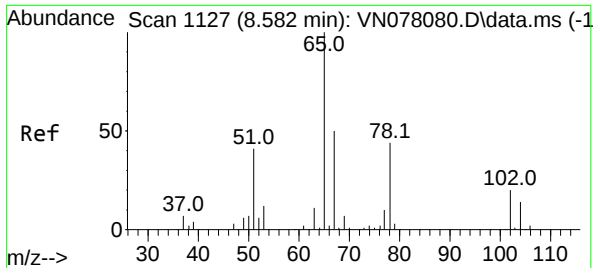


#32
1,1,1-Trichloroethane
Concen: 19.486 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion: 97 Resp: 156618
Ion Ratio Lower Upper
97 100
99 57.9 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.219 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 65 Resp: 286170

Ion Ratio Lower Upper

65 100

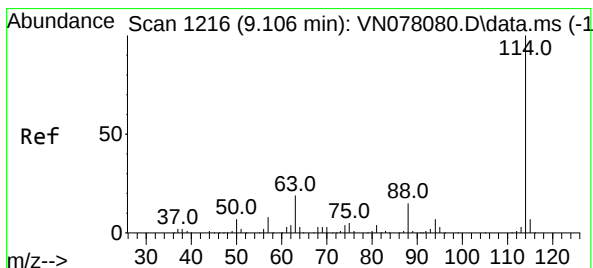
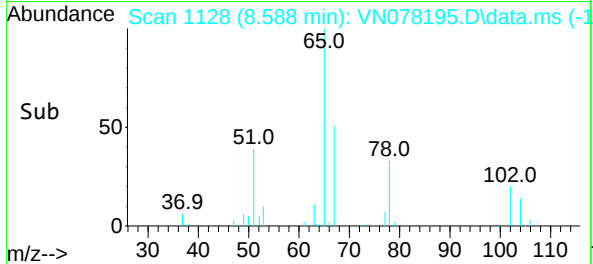
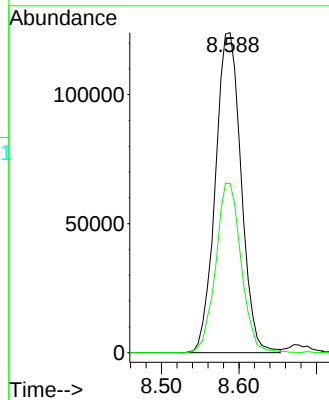
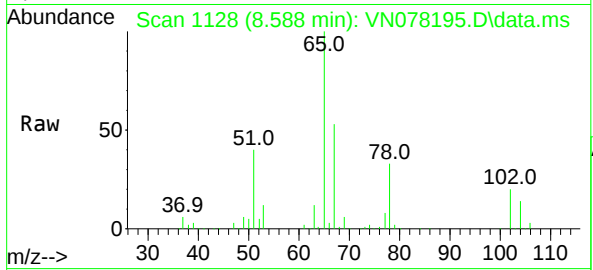
67 52.2 0.0 106.6

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: VN078195.D

Acq: 14 Jun 2023 10:43

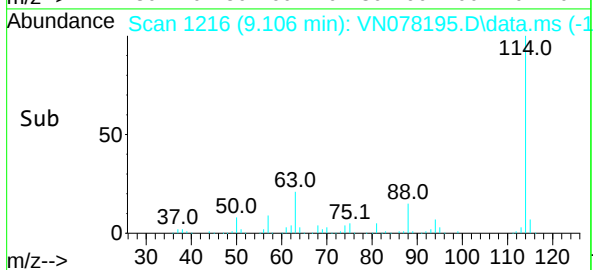
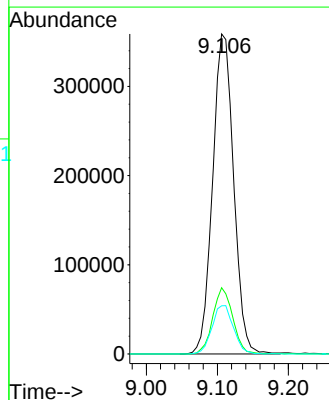
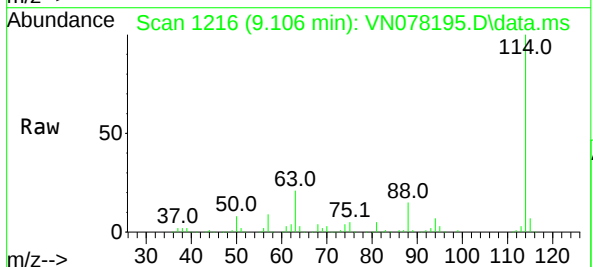
Tgt Ion:114 Resp: 736527

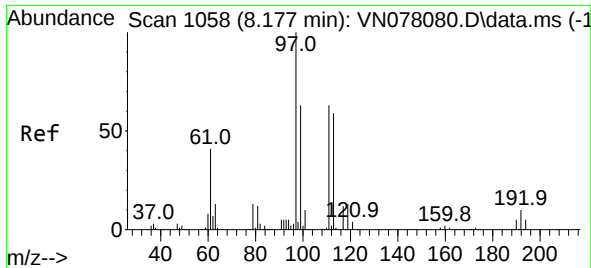
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

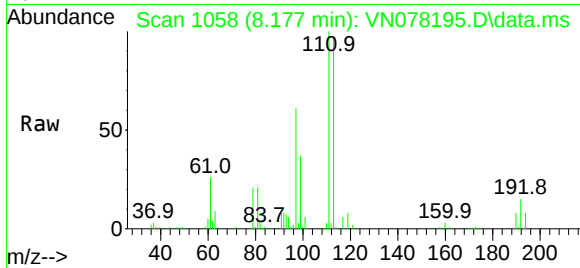
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.026 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

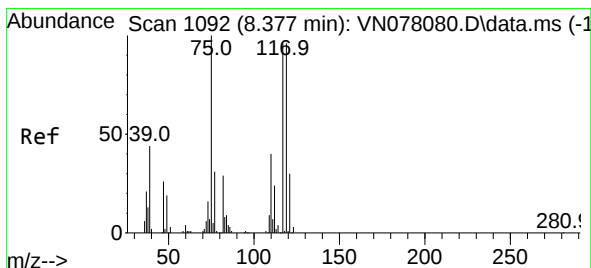
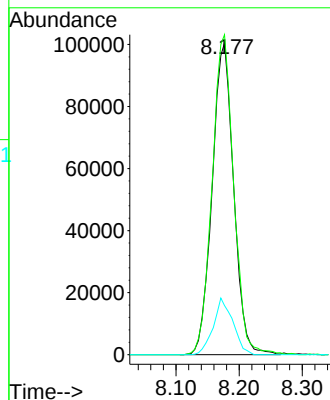
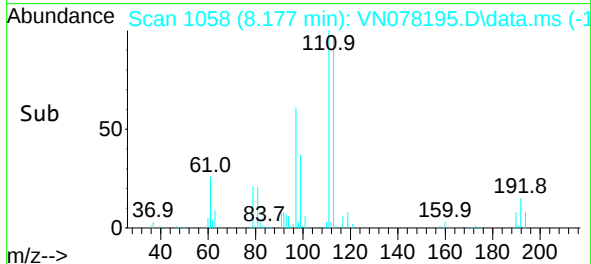
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



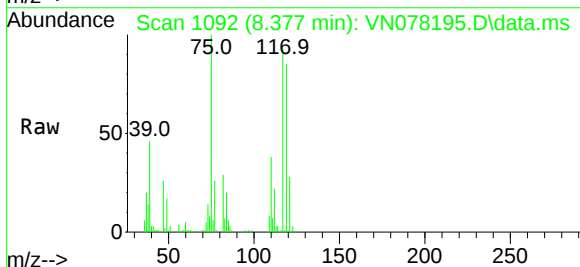
Tgt Ion: 113 Resp: 237628
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 16.6 12.7 19.1

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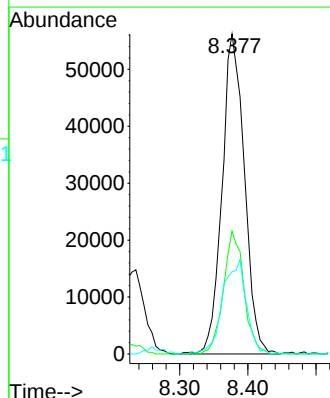
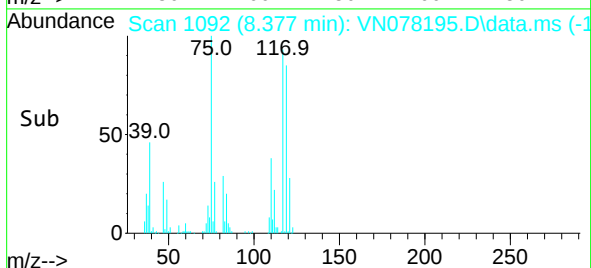
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

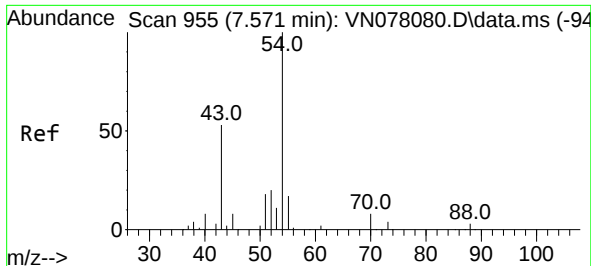


#36
1,1-Dichloropropene
Concen: 19.204 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion: 75 Resp: 128283
Ion Ratio Lower Upper
75 100
110 35.3 19.1 57.3
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 20.519 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 43 Resp: 107070

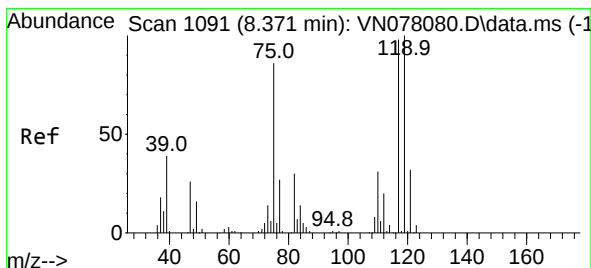
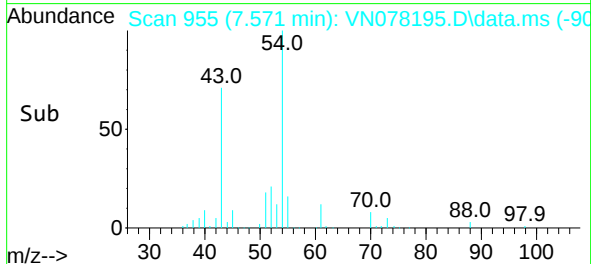
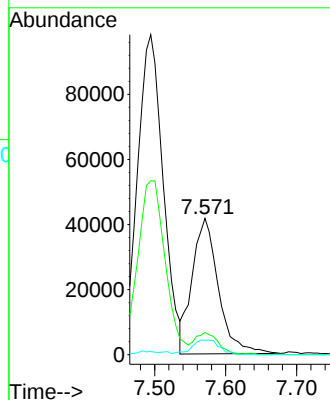
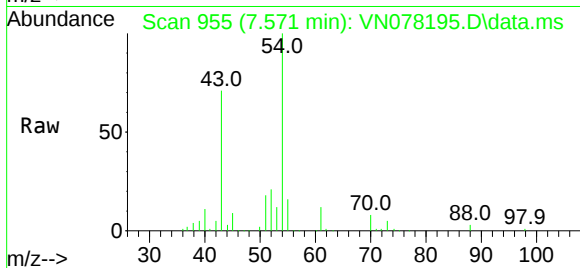
Ion	Ratio	Lower	Upper
43	100		
61	13.8	13.2	19.8
70	11.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#38

Carbon Tetrachloride

Concen: 19.811 ug/l

RT: 8.371 min Scan# 1091

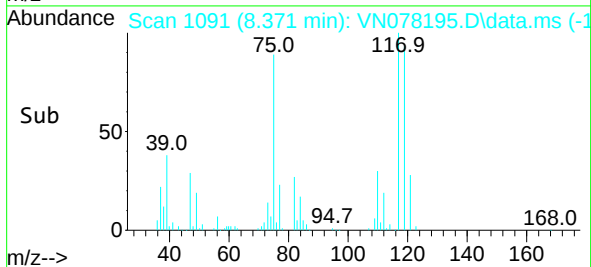
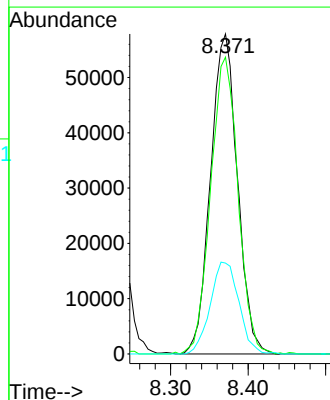
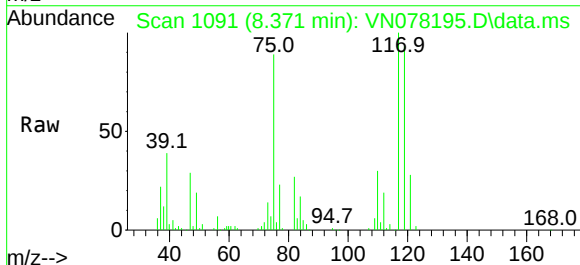
Delta R.T. 0.000 min

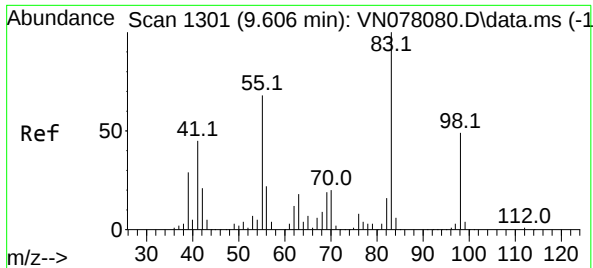
Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Tgt Ion:117 Resp: 139736

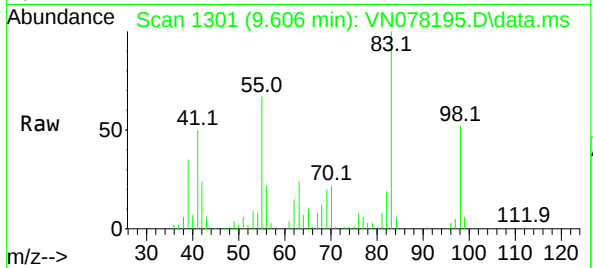
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.3	115.9
121	28.4	23.3	34.9





#39
Methylcyclohexane
Concen: 16.685 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

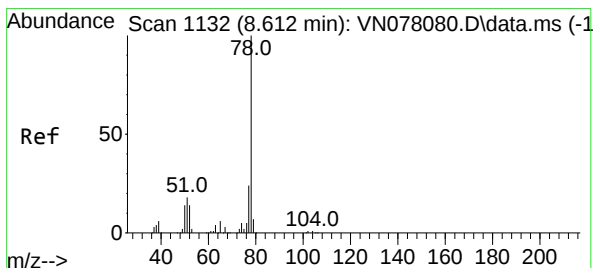
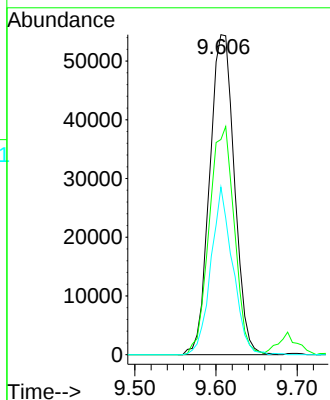
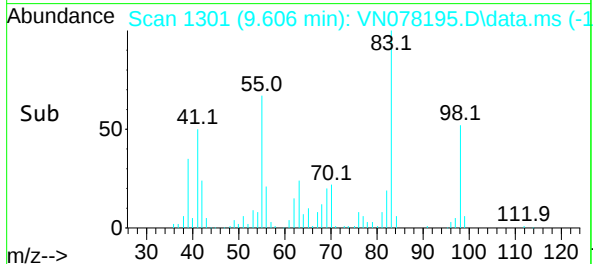
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



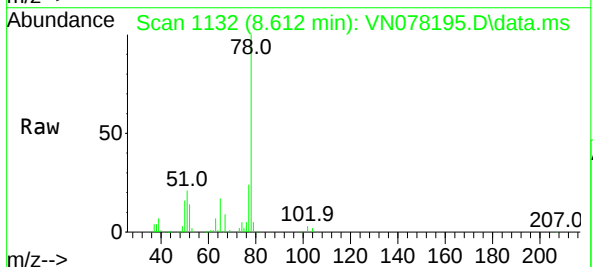
Tgt Ion: 83 Resp: 11550
Ion Ratio Lower Upper
83 100
55 67.2 49.1 73.7
98 52.3 40.6 61.0

Manual Integrations
APPROVED

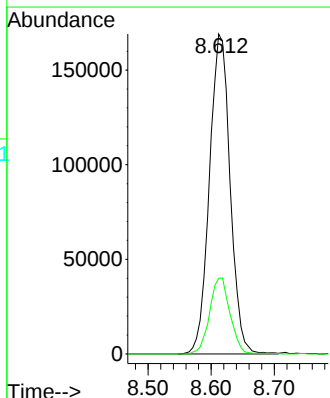
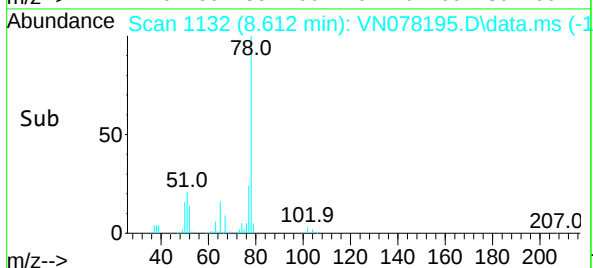
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

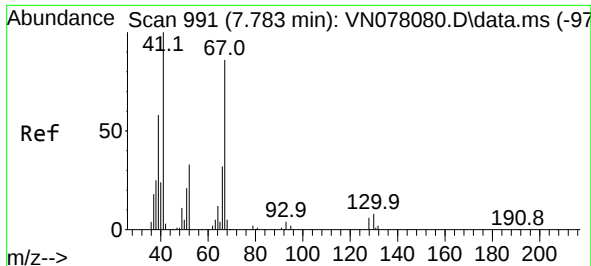


#40
Benzene
Concen: 19.292 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



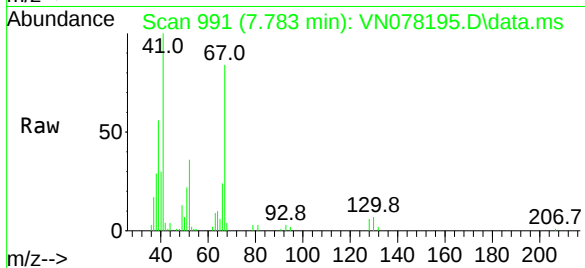
Tgt Ion: 78 Resp: 384733
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 18.916 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

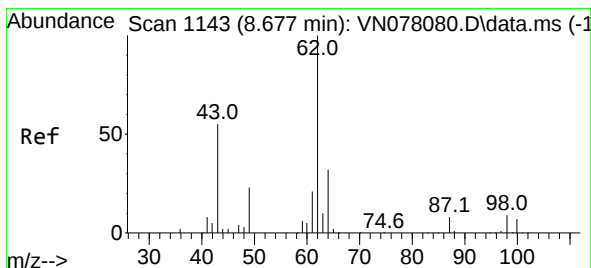
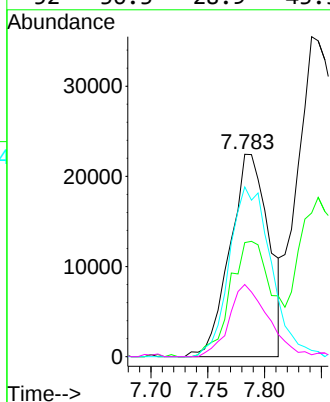
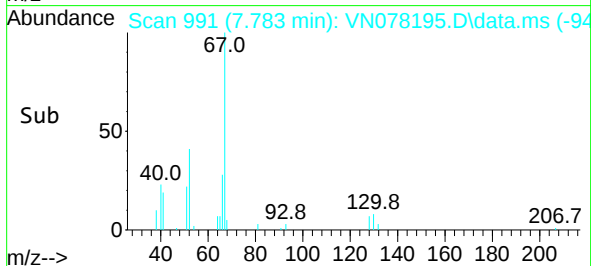
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion: 41 Resp: 53504
Ion Ratio Lower Upper
41 100
39 62.0 42.6 64.0
67 90.0 77.5 116.3
52 36.3 28.9 43.3

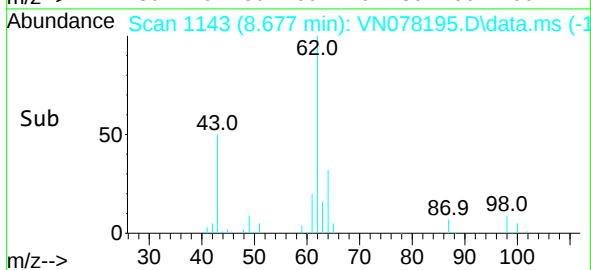
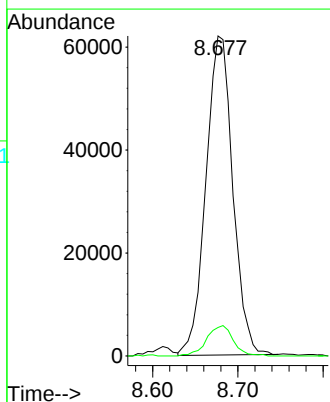
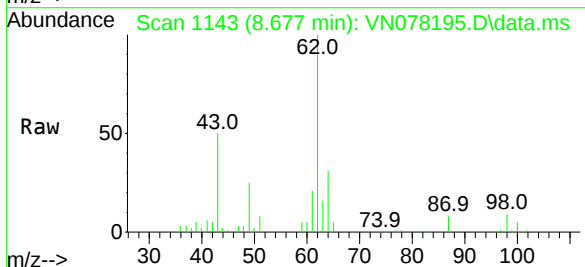
Manual Integrations
APPROVED

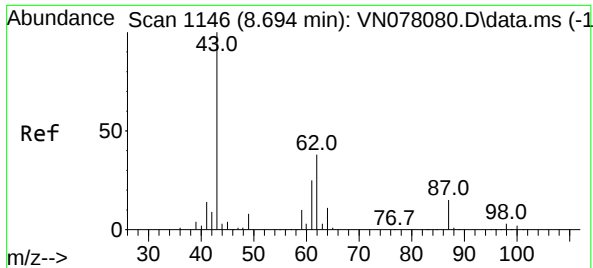
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#42
1,2-Dichloroethane
Concen: 19.832 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

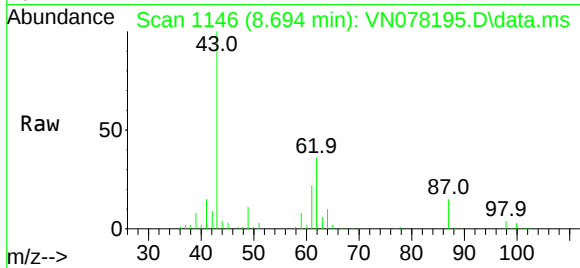
Tgt Ion: 62 Resp: 135606
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.096 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

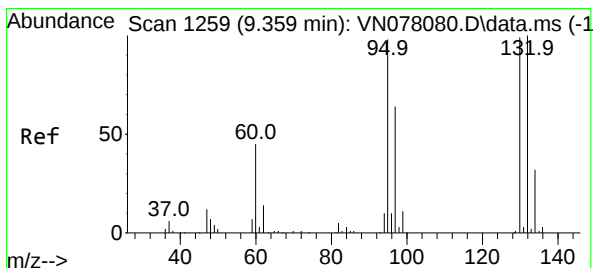
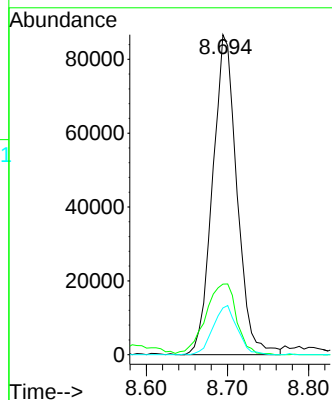
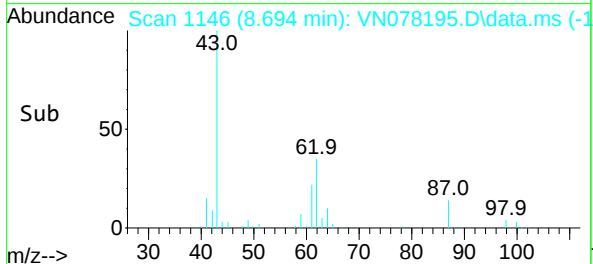
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



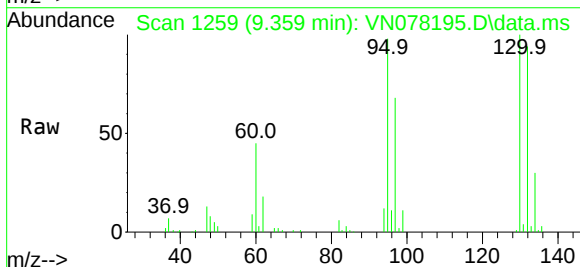
Tgt Ion: 43 Resp: 180590
Ion Ratio Lower Upper
43 100
61 28.2 24.7 37.1
87 15.3 14.6 21.8

Manual Integrations
APPROVED

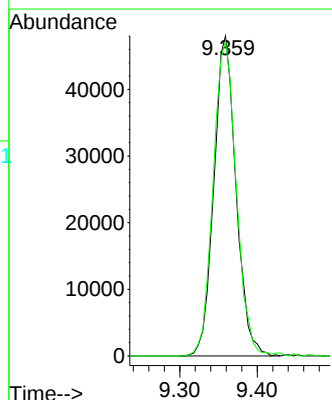
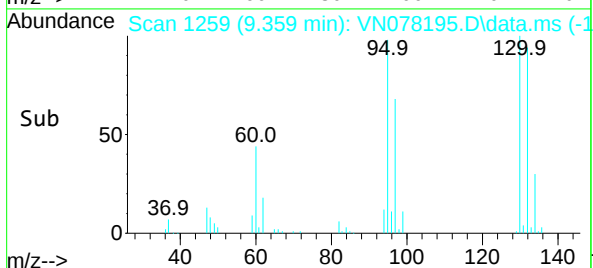
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

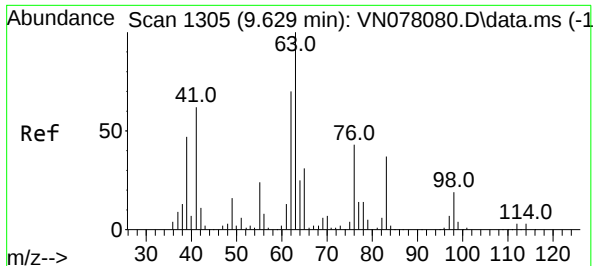


#44
Trichloroethene
Concen: 18.110 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion:130 Resp: 95375
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.673 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 63 Resp: 9761

Ion Ratio Lower Upper

63 100

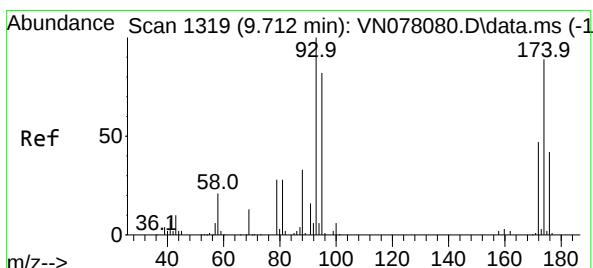
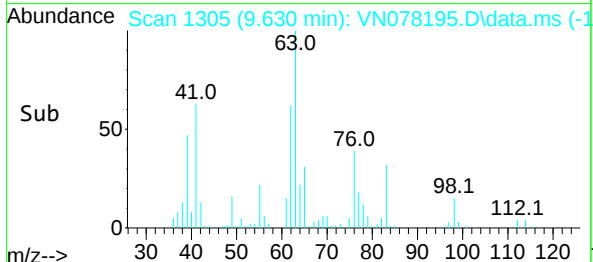
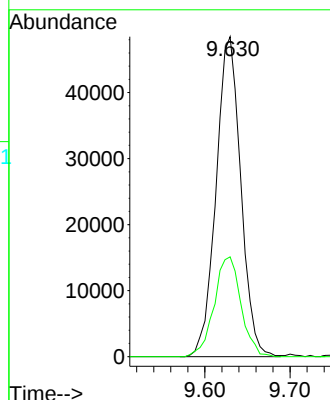
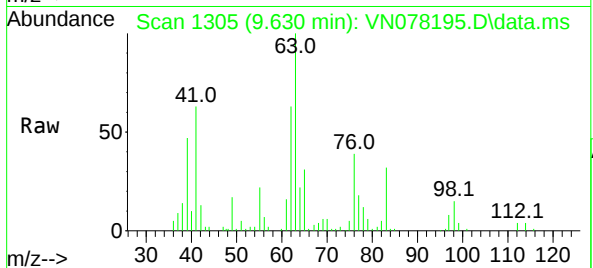
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#46

Dibromomethane

Concen: 18.822 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

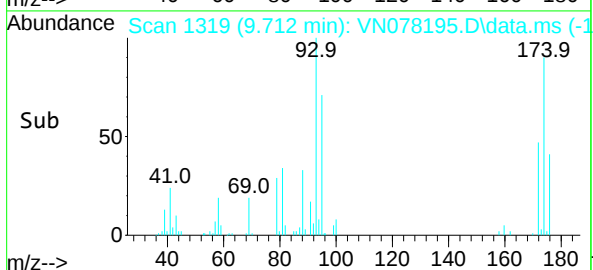
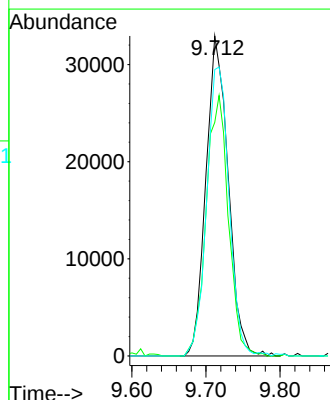
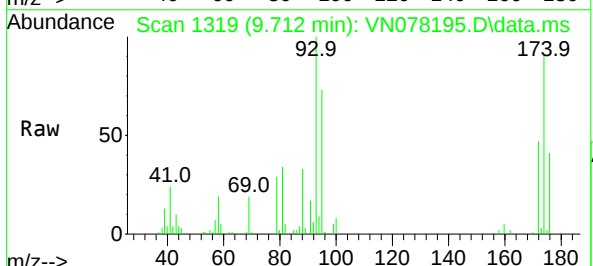
Tgt Ion: 93 Resp: 68788

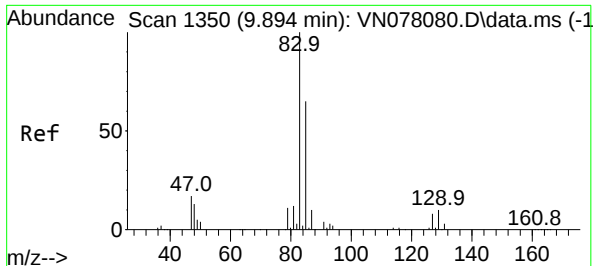
Ion Ratio Lower Upper

93 100

95 81.4 63.8 95.8

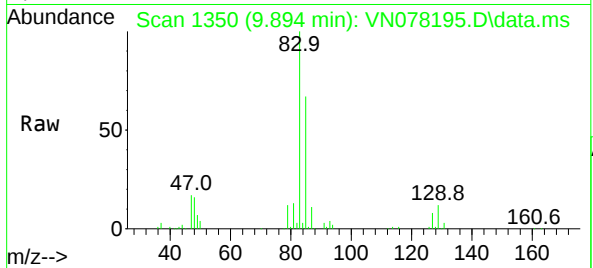
174 91.0 65.6 98.4





#47
Bromodichloromethane
Concen: 19.882 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

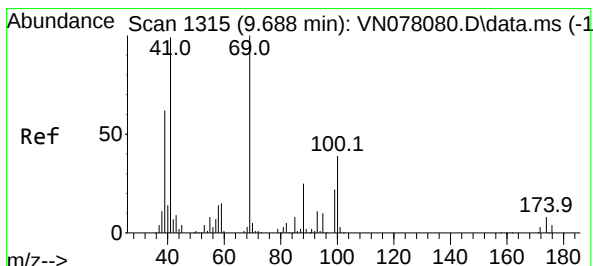
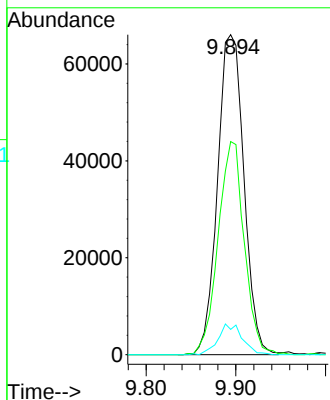
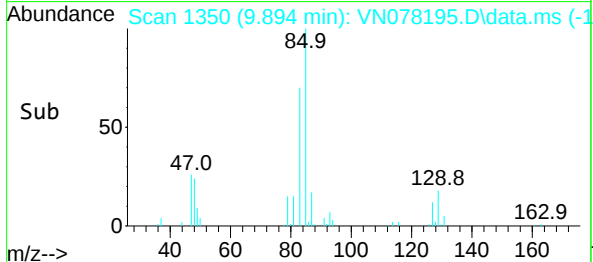
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



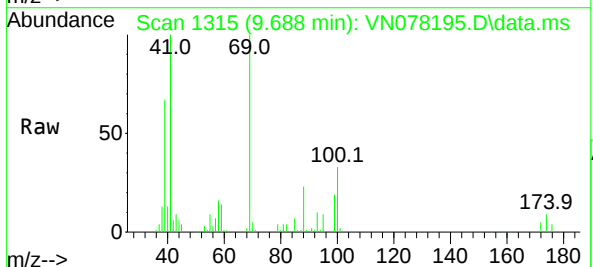
Tgt Ion: 83 Resp: 134972
Ion Ratio Lower Upper
83 100
85 66.6 49.6 74.4
127 7.9 7.0 10.6

Manual Integrations
APPROVED

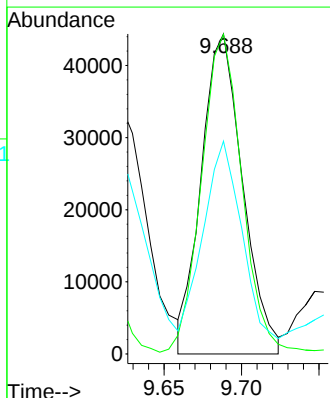
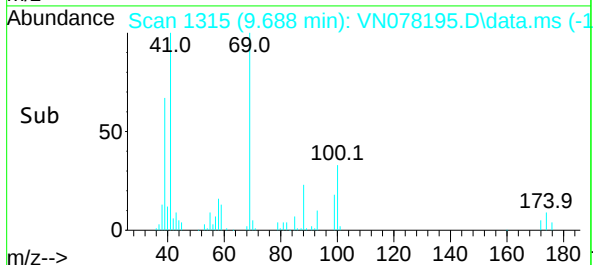
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

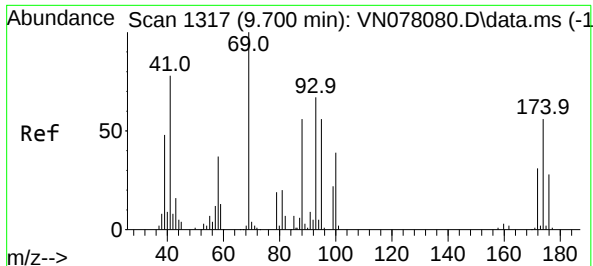


#48
Methyl methacrylate
Concen: 19.675 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion: 41 Resp: 82399
Ion Ratio Lower Upper
41 100
69 96.8 90.4 135.6
39 65.7 54.6 81.8





#49

1,4-Dioxane

Concen: 370.626 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 88 Resp: 32624

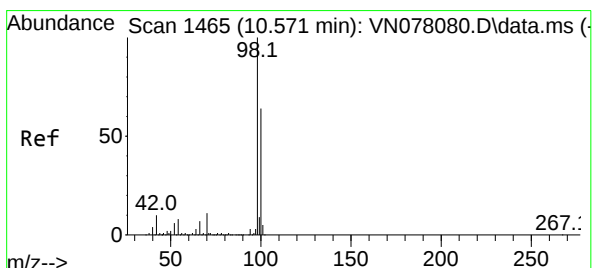
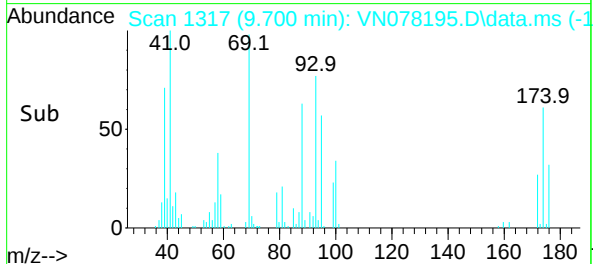
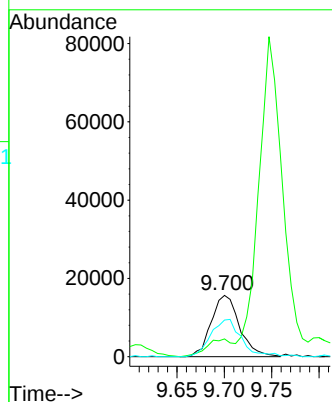
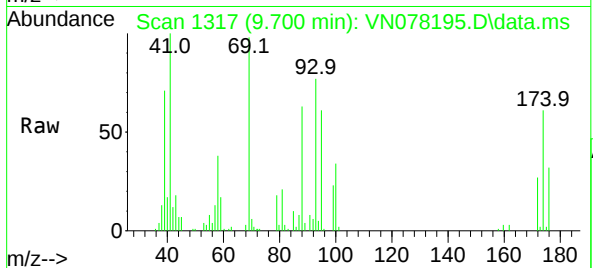
Ion	Ratio	Lower	Upper
88	100		
43	27.6	17.0	25.6
58	65.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#50

Toluene-d8

Concen: 50.754 ug/l

RT: 10.571 min Scan# 1465

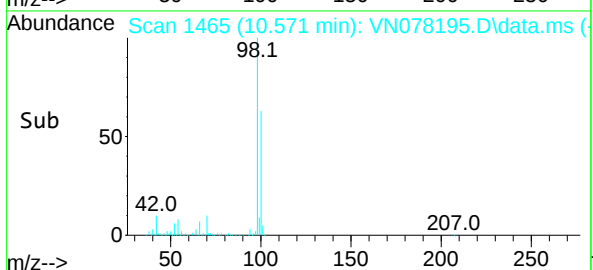
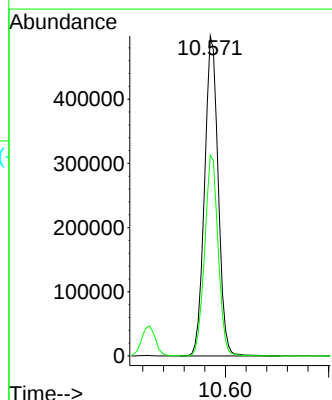
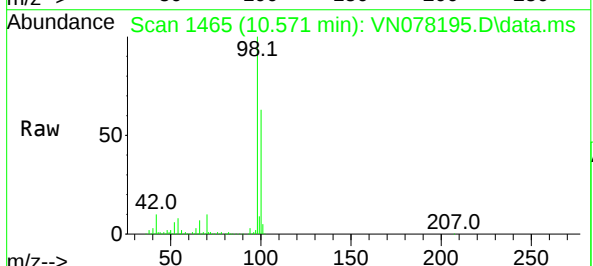
Delta R.T. 0.000 min

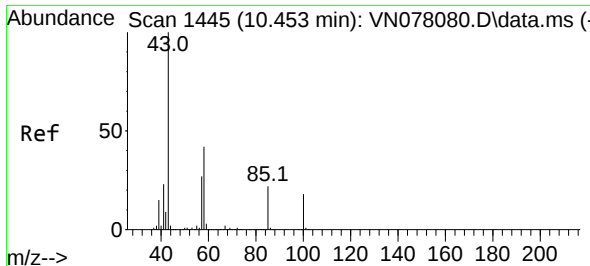
Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Tgt Ion: 98 Resp: 911184

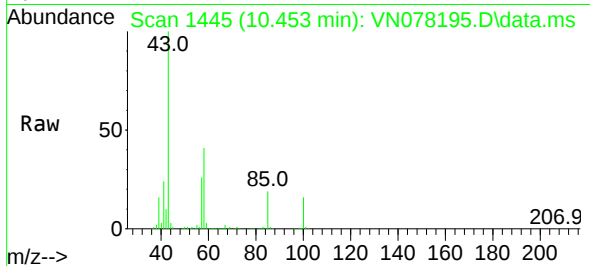
Ion	Ratio	Lower	Upper
98	100		
100	62.3	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 101.310 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

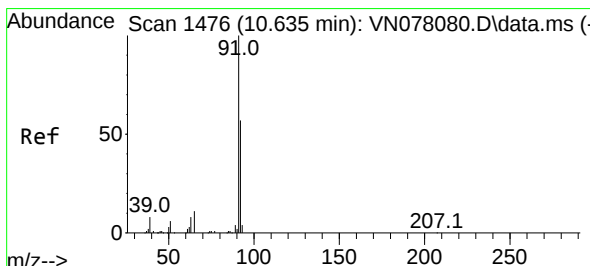
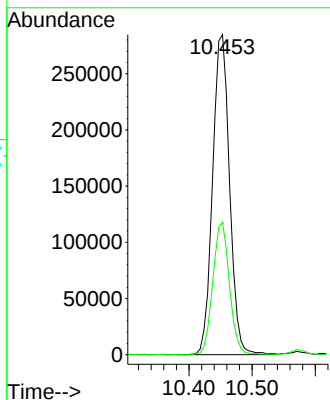
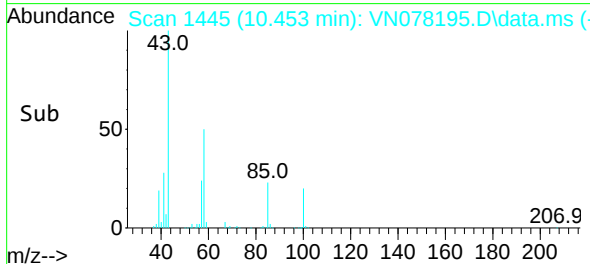
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion: 43 Resp: 532409
Ion Ratio Lower Upper
43 100
58 40.5 36.6 54.8

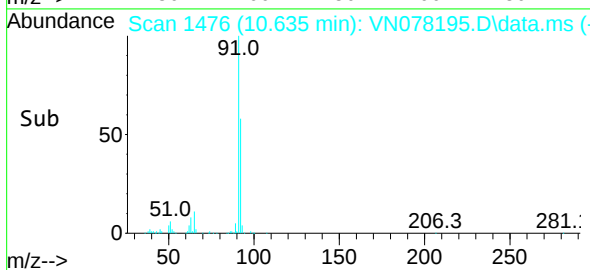
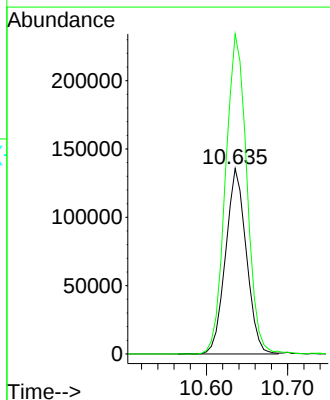
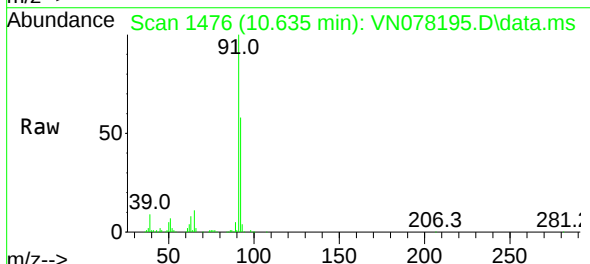
Manual Integrations
APPROVED

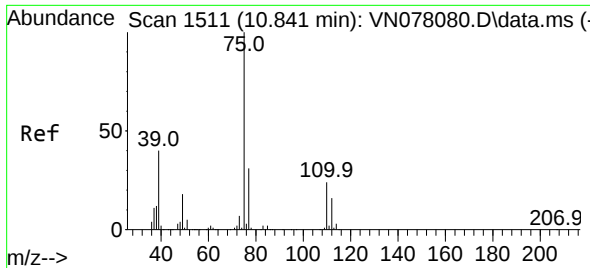
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#52
Toluene
Concen: 19.127 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

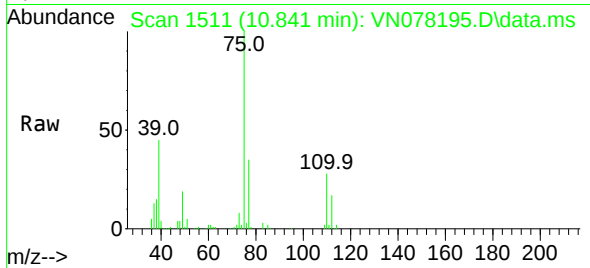
Tgt Ion: 92 Resp: 240829
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.792 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

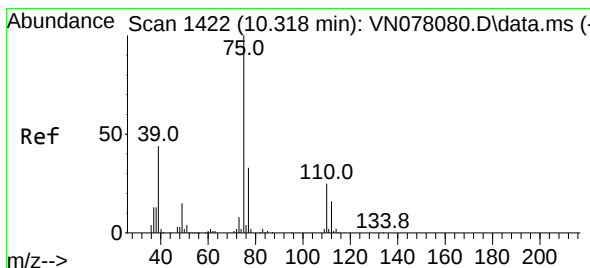
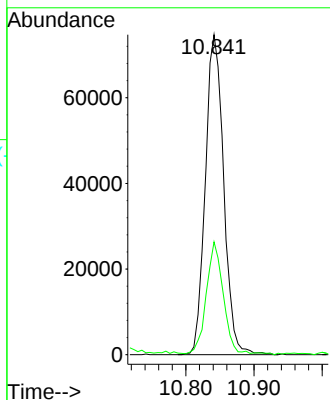
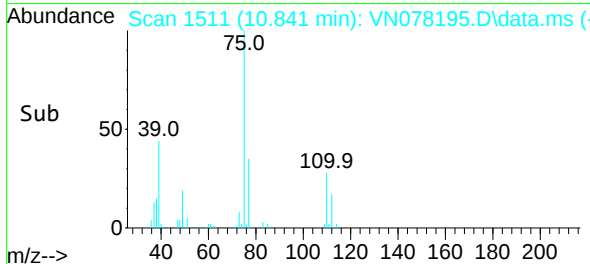
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion: 75 Resp: 139929
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.0

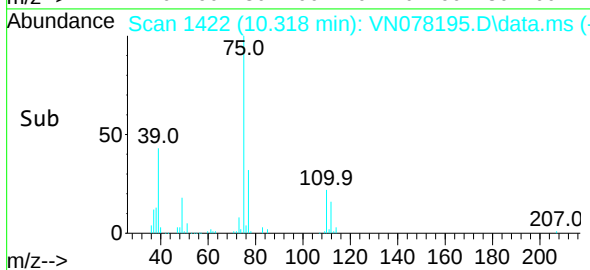
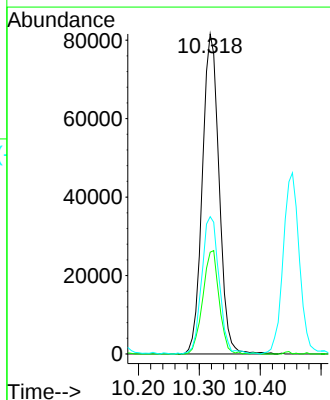
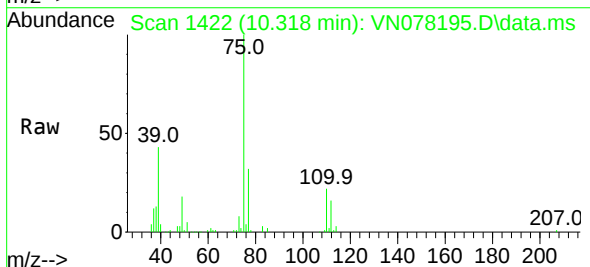
Manual Integrations
APPROVED

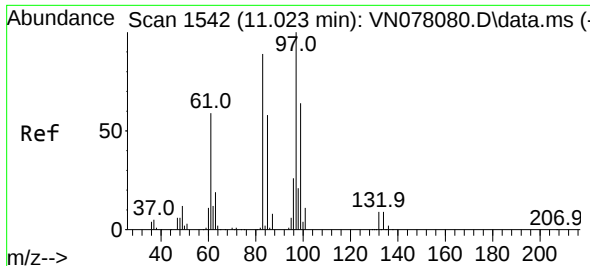
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#54
cis-1,3-Dichloropropene
Concen: 19.951 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

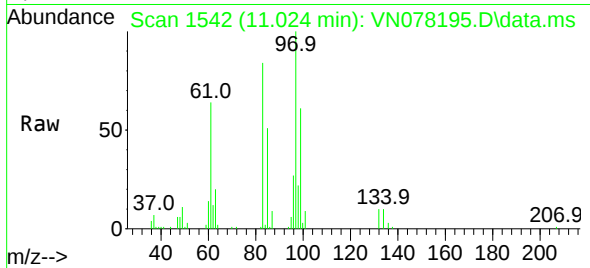
Tgt Ion: 75 Resp: 155923
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 42.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.640 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

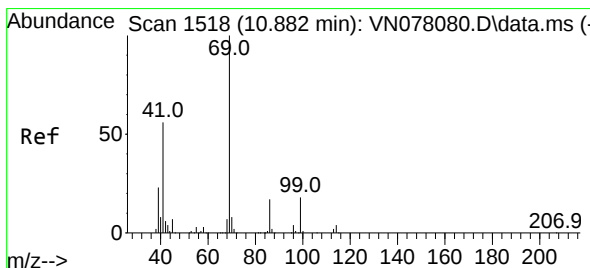
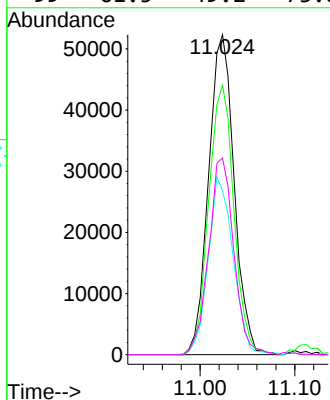
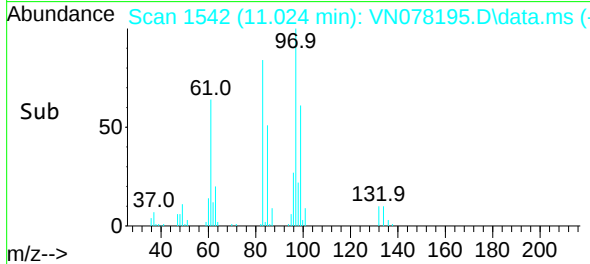
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



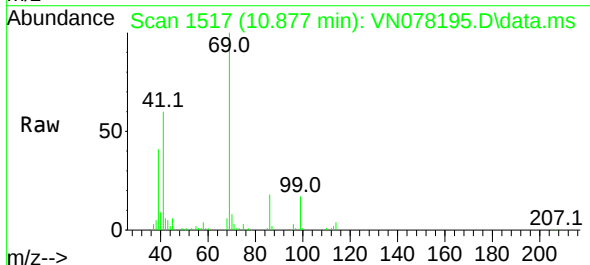
Tgt Ion:	97	Resp:	9830
Ion Ratio	100	Lower	Upper
97	100		
83	84.2	65.1	97.7
85	51.2	43.4	65.2
99	61.5	49.2	73.8

Manual Integrations
APPROVED

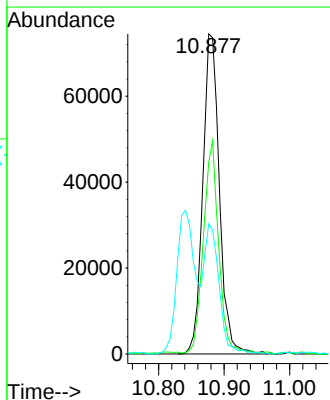
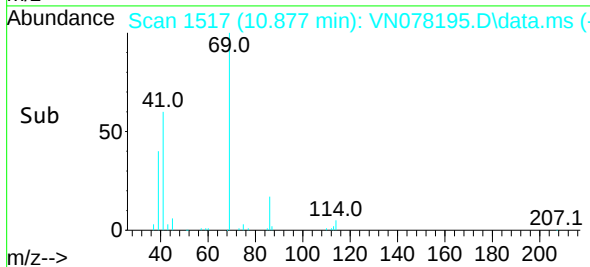
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

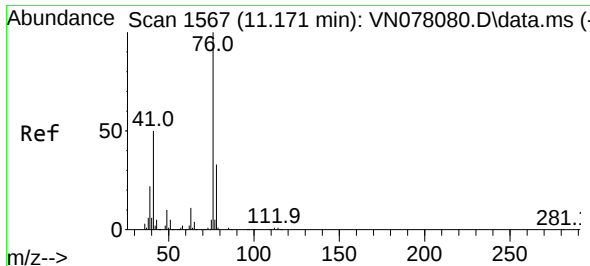


#56
Ethyl methacrylate
Concen: 18.919 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion:	69	Resp:	131208
Ion Ratio	100	Lower	Upper
69	100		
41	60.9	39.6	59.4
39	35.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.552 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078195.D

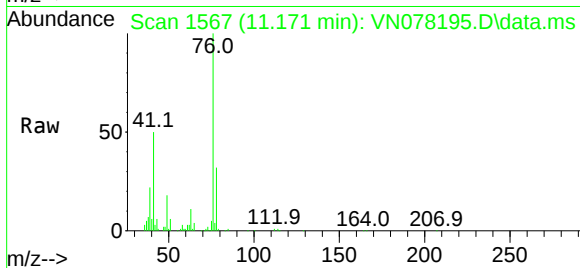
Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01



Tgt Ion: 76 Resp: 157194

Ion Ratio Lower Upper

76 100

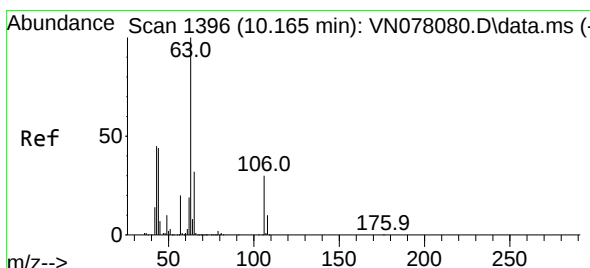
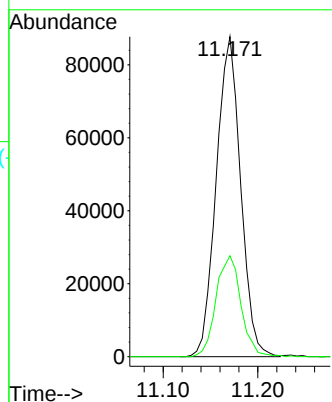
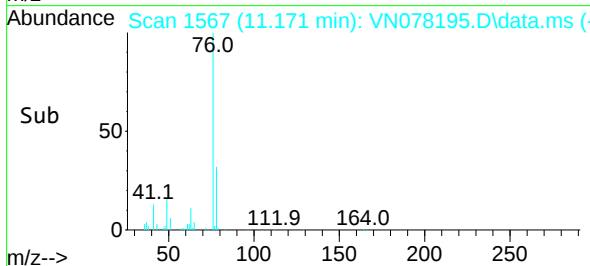
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.528 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078195.D

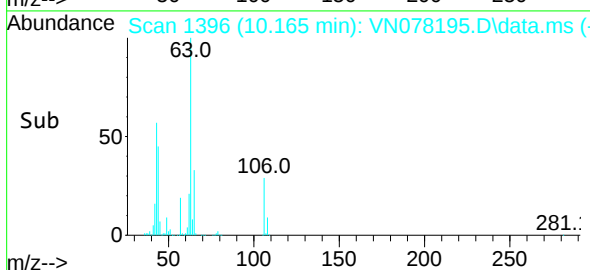
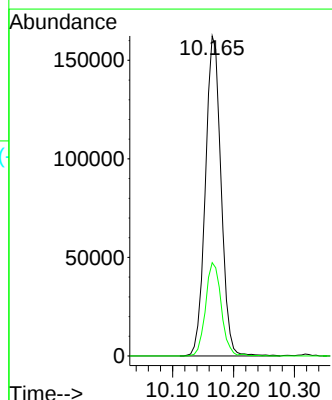
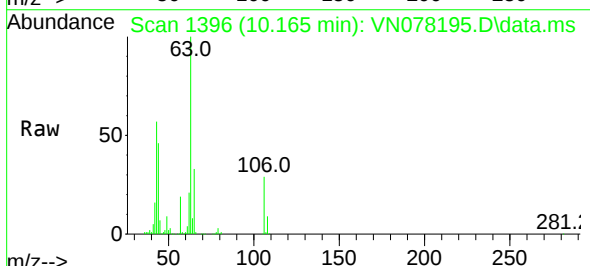
Acq: 14 Jun 2023 10:43

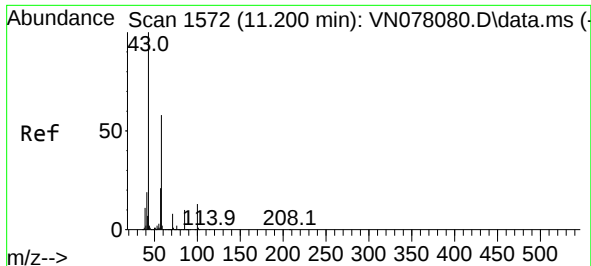
Tgt Ion: 63 Resp: 290052

Ion Ratio Lower Upper

63 100

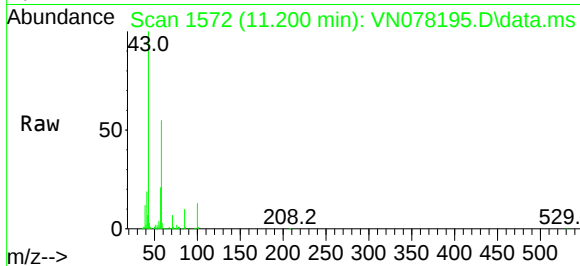
106 29.3 26.2 39.4





#59
2-Hexanone
Concen: 101.799 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

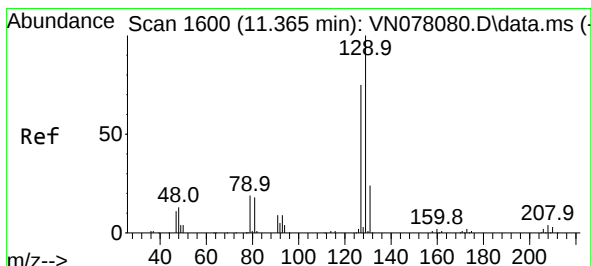
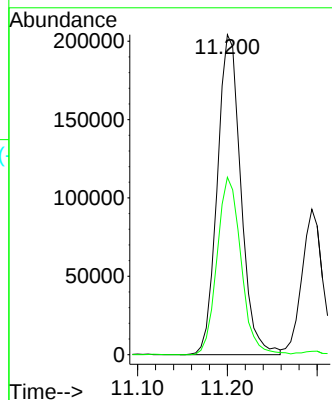
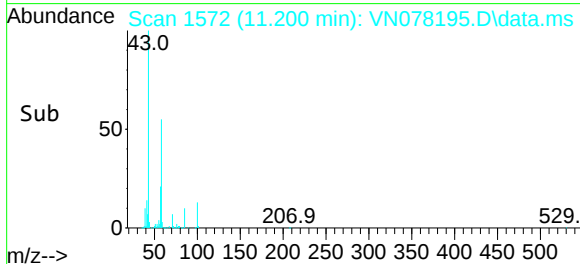
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion: 43 Resp: 37250
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1

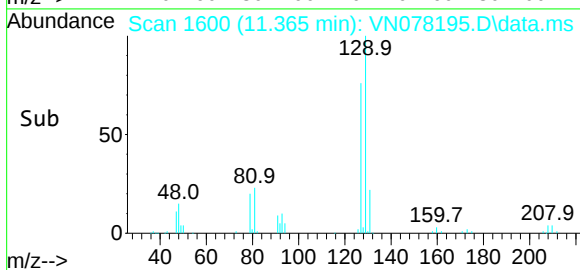
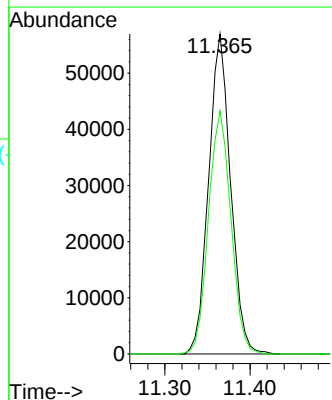
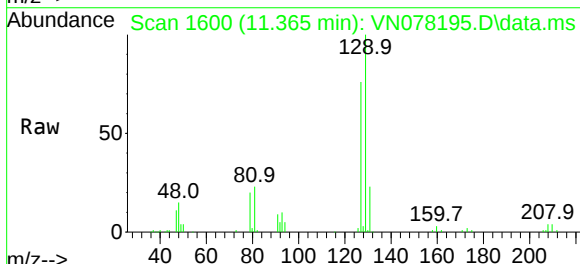
Manual Integrations
APPROVED

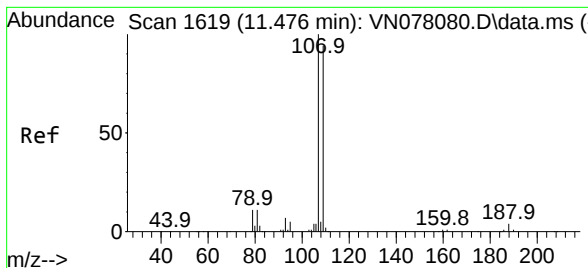
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#60
Dibromochloromethane
Concen: 19.614 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Tgt Ion:129 Resp: 102228
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





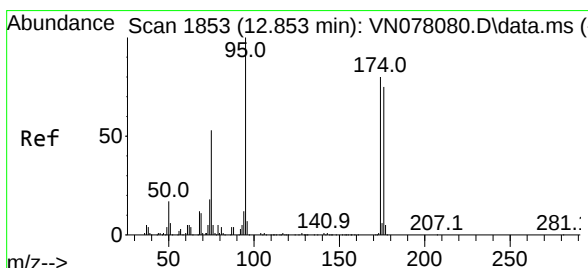
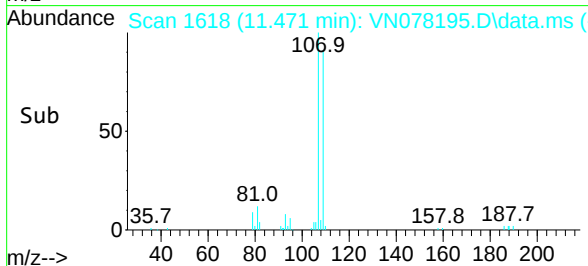
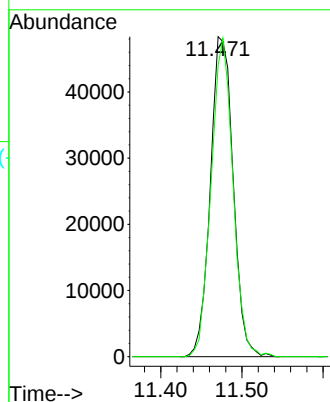
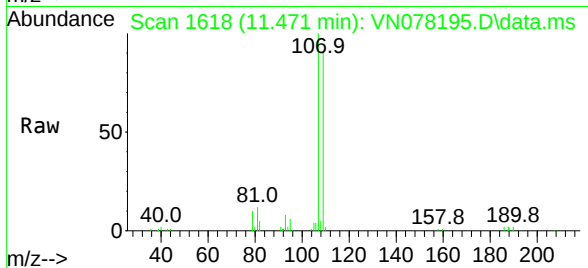
#61
1,2-Dibromoethane
Concen: 18.893 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01

Tgt Ion:107 Resp: 94438
Ion Ratio Lower Upper
107 100
109 95.2 76.6 114.8

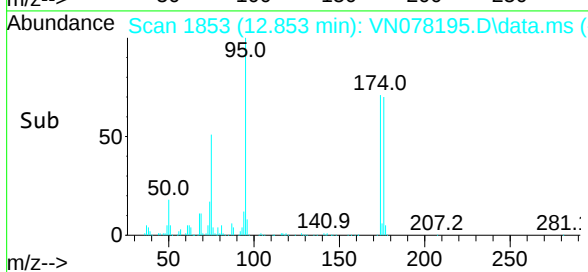
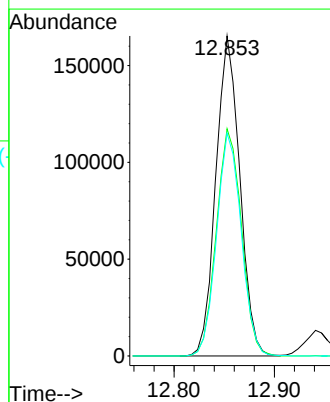
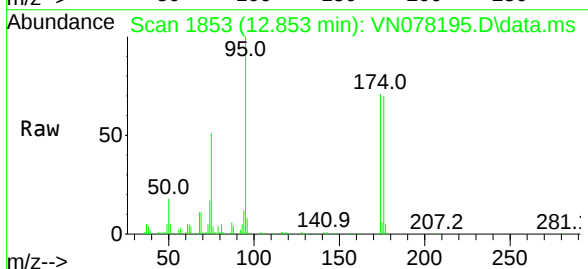
Manual Integrations
APPROVED

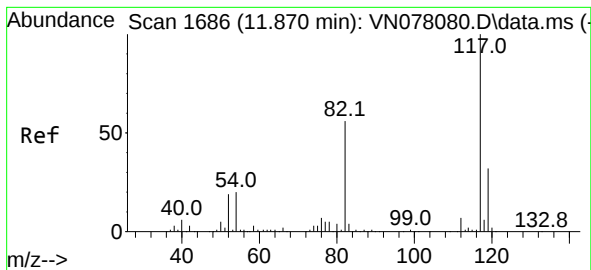
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#62
4-Bromofluorobenzene
Concen: 49.114 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

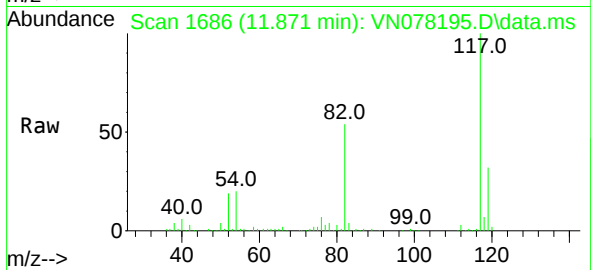
Tgt Ion: 95 Resp: 274115
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

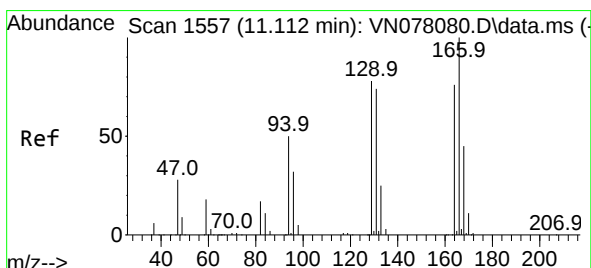
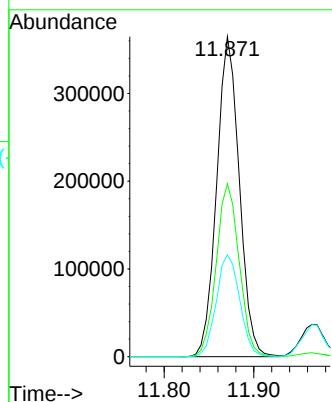
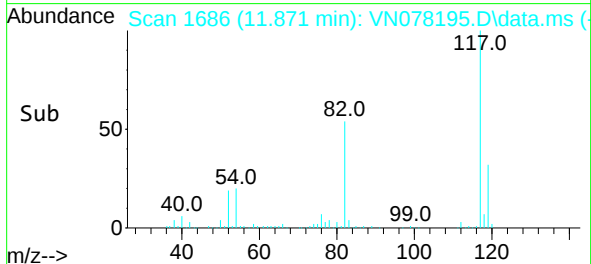
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion:117 Resp: 638619
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 31.8 25.6 38.4

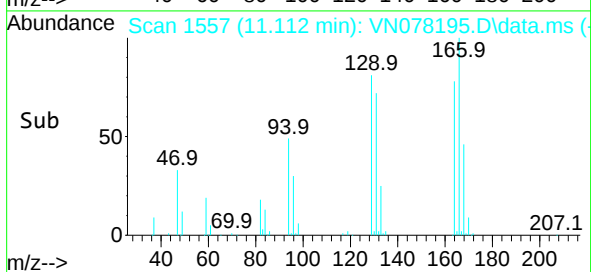
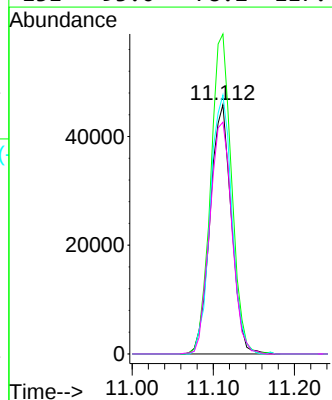
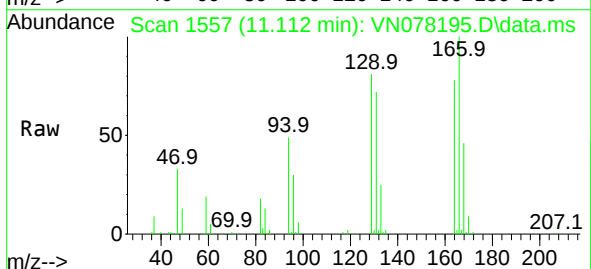
Manual Integrations
APPROVED

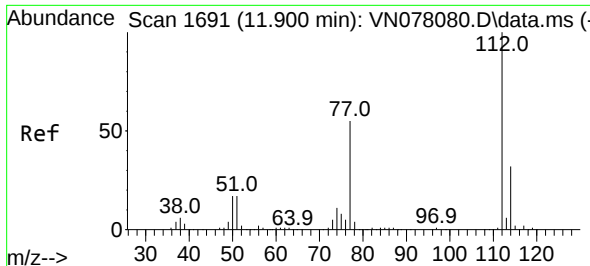
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#64
Tetrachloroethene
Concen: 19.563 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

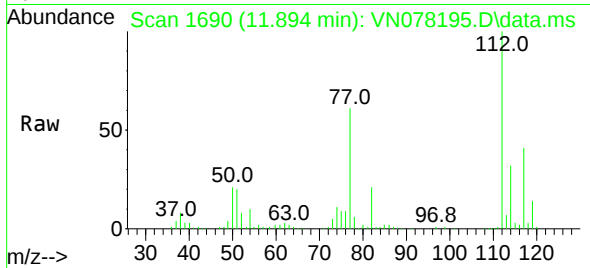
Tgt Ion:164 Resp: 83349
Ion Ratio Lower Upper
164 100
166 128.4 101.4 152.0
129 103.9 82.4 123.6
131 93.0 78.2 117.4





#65
Chlorobenzene
Concen: 18.243 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

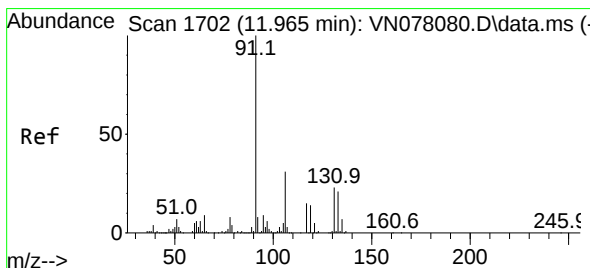
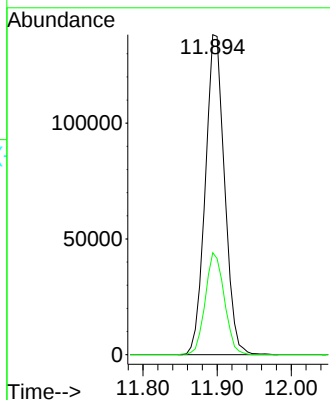
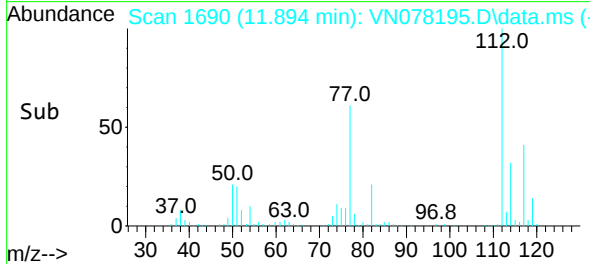
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion:112 Resp: 24950
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

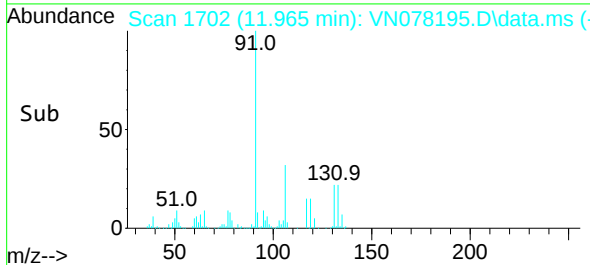
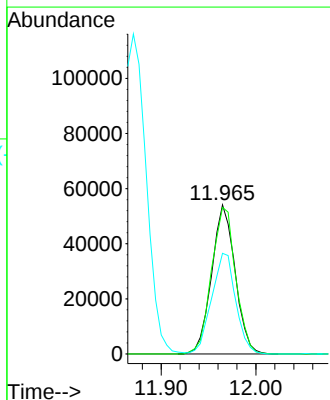
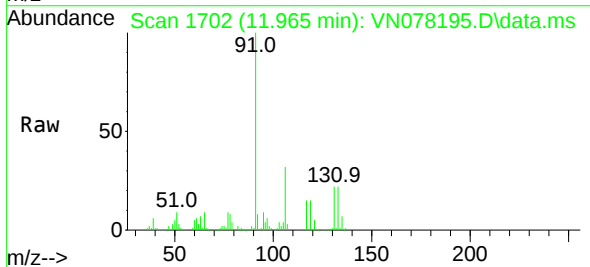
Manual Integrations
APPROVED

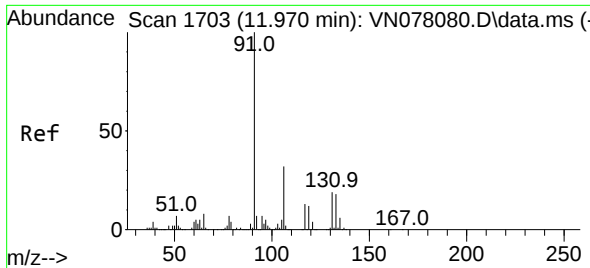
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.515 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Tgt Ion:131 Resp: 93134
Ion Ratio Lower Upper
131 100
133 101.1 46.4 139.1
119 69.2 34.1 102.2





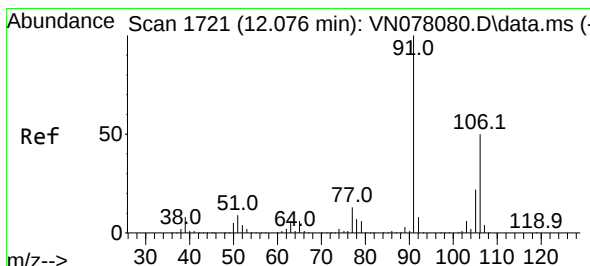
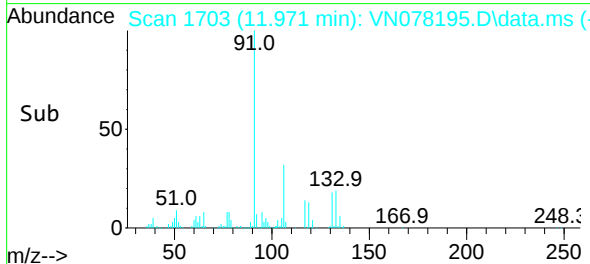
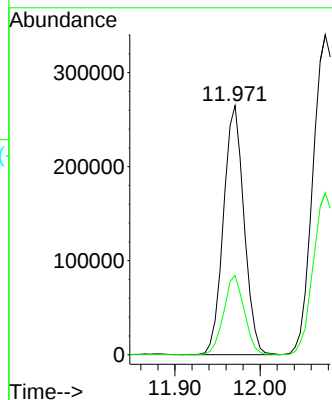
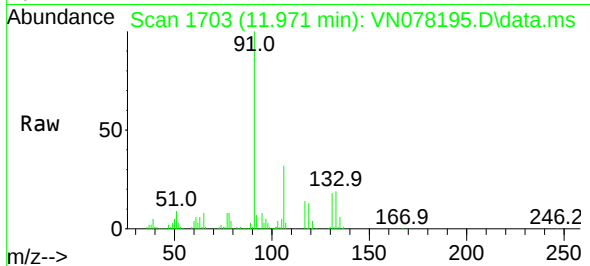
#67
Ethyl Benzene
Concen: 18.844 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01

Tgt Ion: 91 Resp: 444678
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

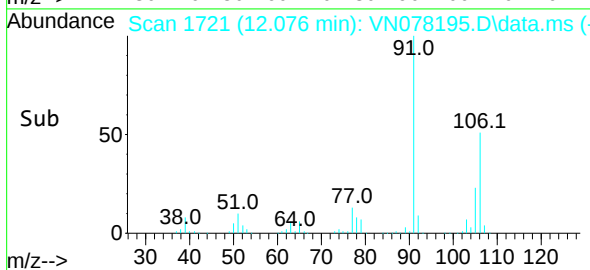
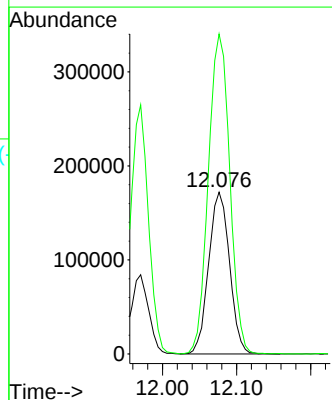
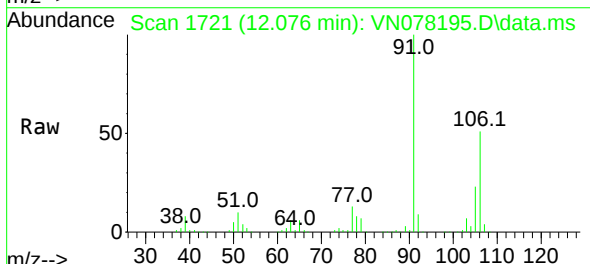
Manual Integrations
APPROVED

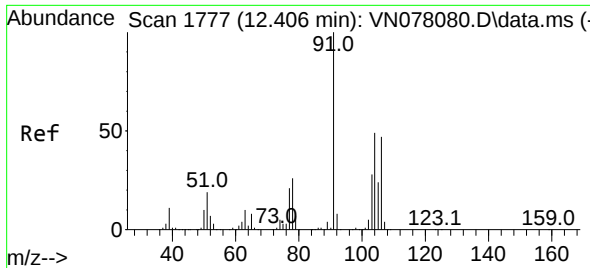
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#68
m/p-Xylenes
Concen: 37.496 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

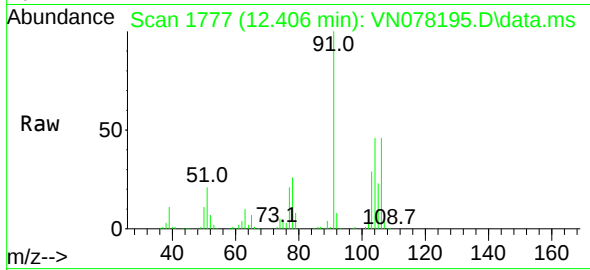
Tgt Ion:106 Resp: 337217
Ion Ratio Lower Upper
106 100
91 202.8 159.6 239.4





#69
o-Xylene
Concen: 18.308 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

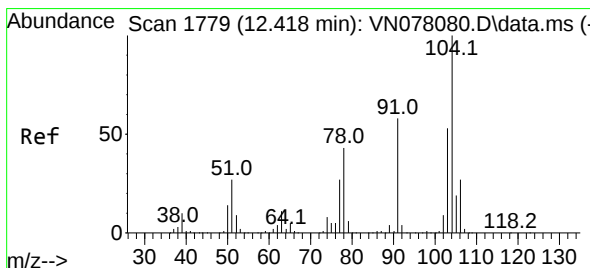
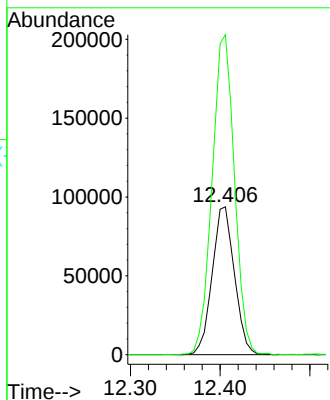
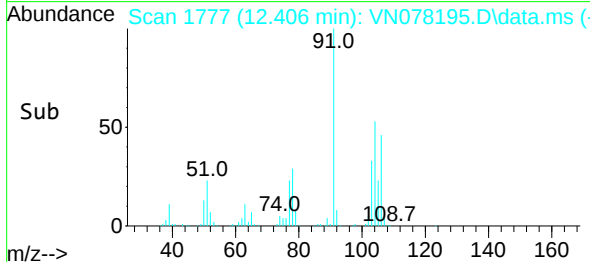
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion:106 Resp: 16169
Ion Ratio Lower Upper
106 100
91 217.4 105.2 315.5

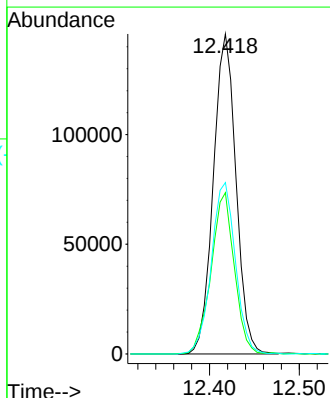
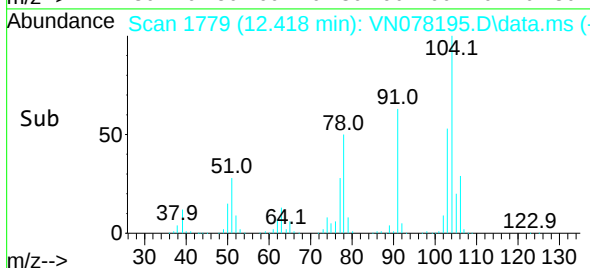
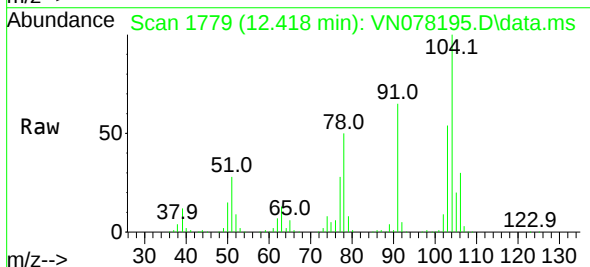
Manual Integrations
APPROVED

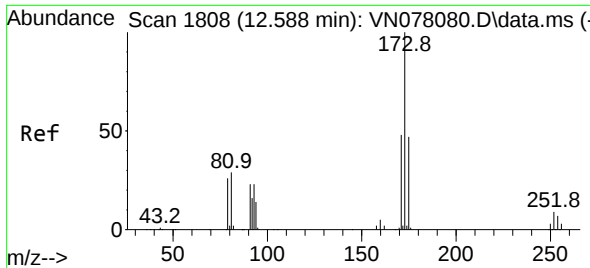
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#70
Styrene
Concen: 18.385 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

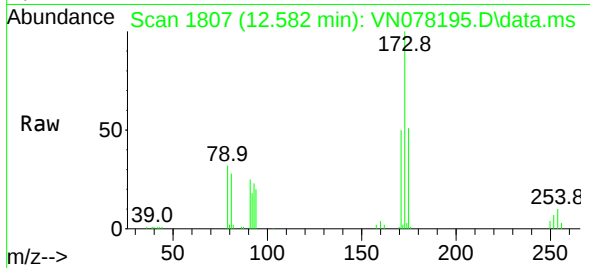
Tgt Ion:104 Resp: 255616
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 57.1 43.2 64.8





#71
Bromoform
Concen: 19.978 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

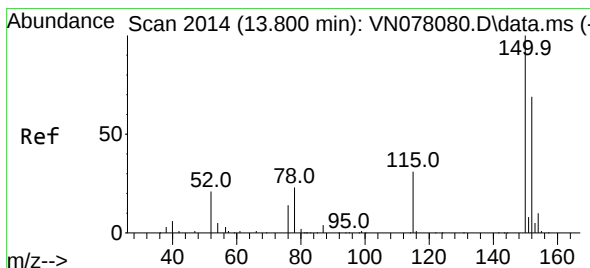
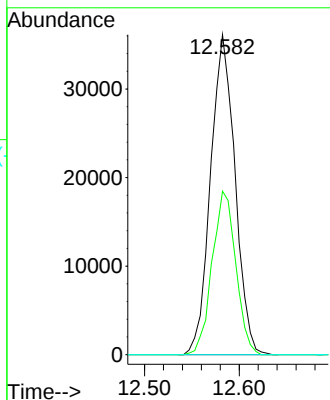
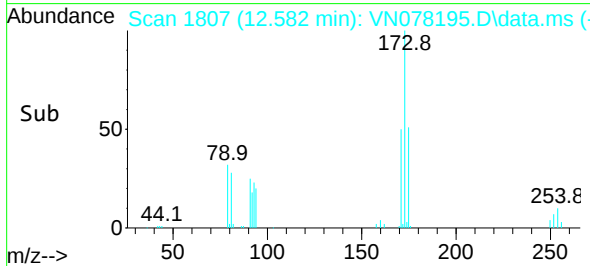
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



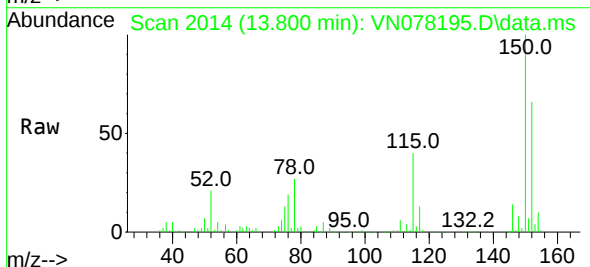
Tgt Ion:173 Resp: 64852
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

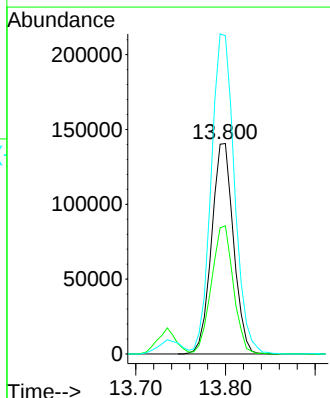
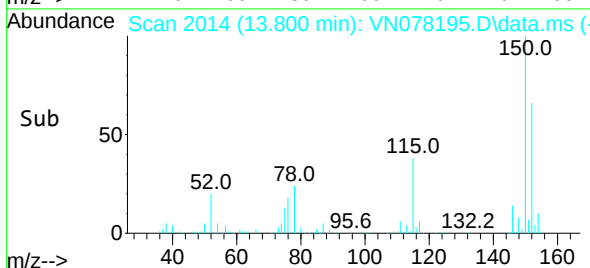
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

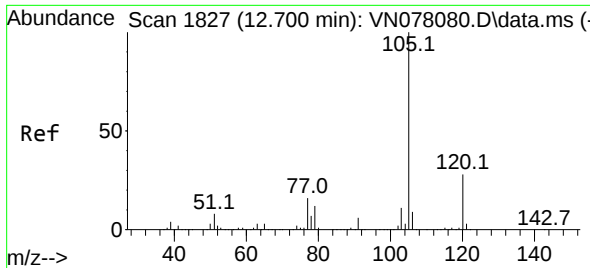


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



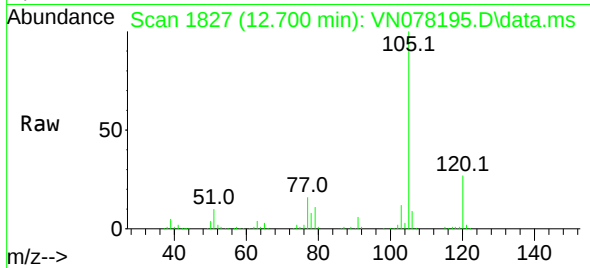
Tgt Ion:152 Resp: 238284
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 161.8 0.0 355.8





#73
Isopropylbenzene
Concen: 18.058 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

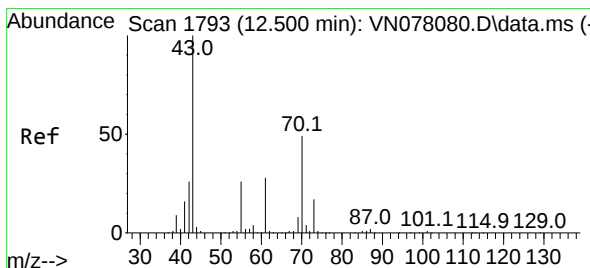
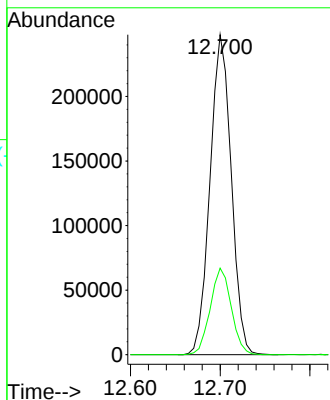
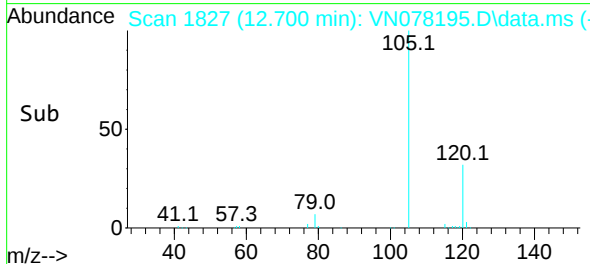
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



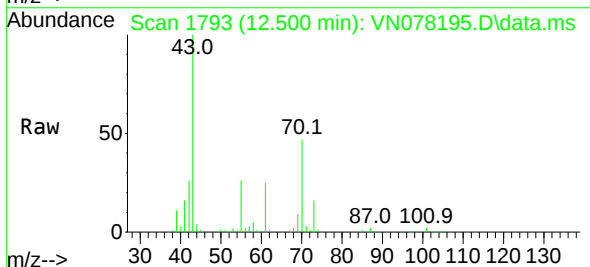
Tgt Ion:105 Resp: 406910
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
APPROVED

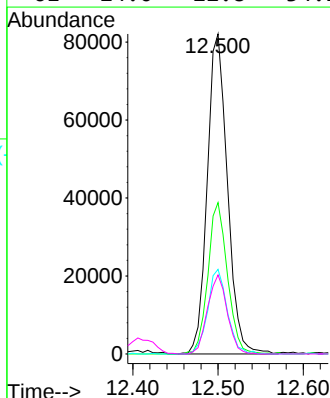
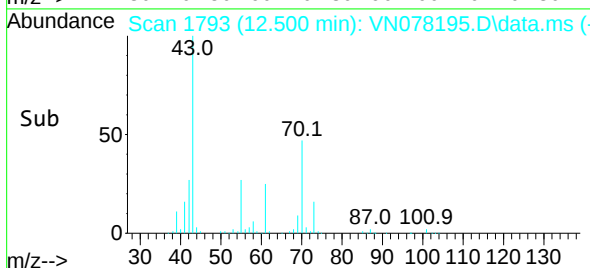
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

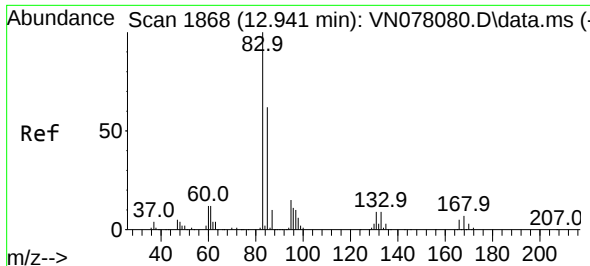


#74
N-ethyl acetate
Concen: 18.209 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



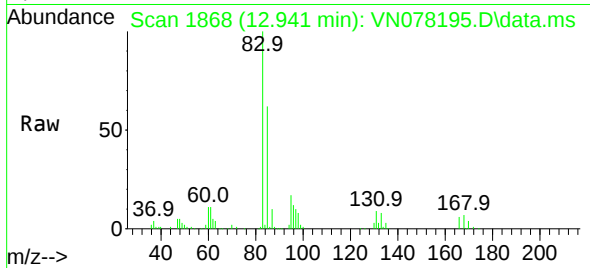
Tgt Ion: 43 Resp: 135117
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 25.8 21.4 32.0
61 24.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.250 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

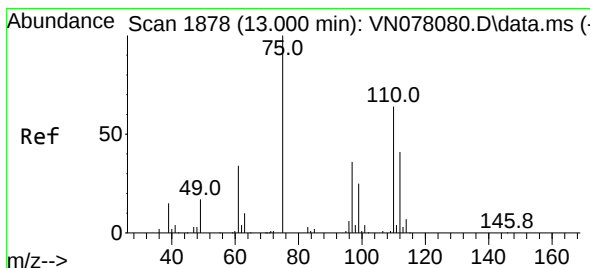
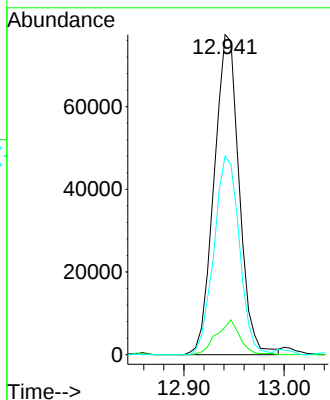
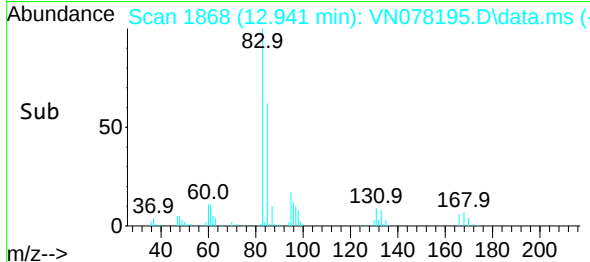
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



Tgt Ion: 83 Resp: 13452
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.0 31.9 95.7

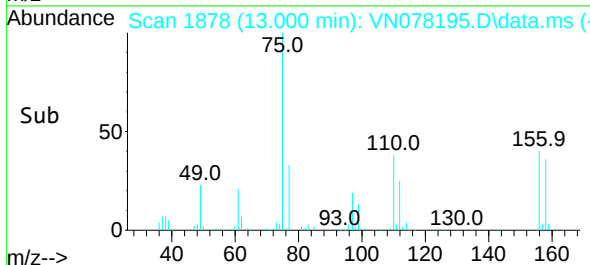
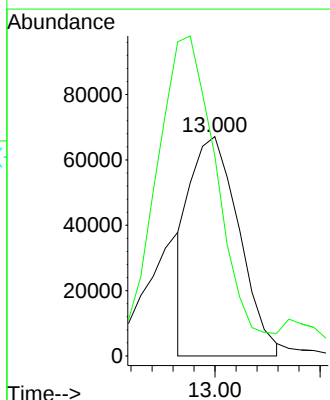
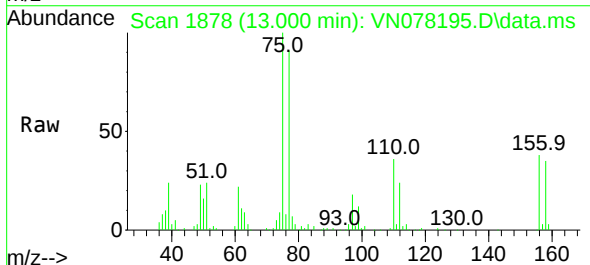
Manual Integrations
APPROVED

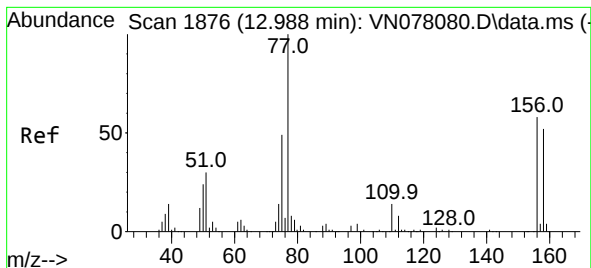
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#76
1,2,3-Trichloropropane
Concen: 19.361 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

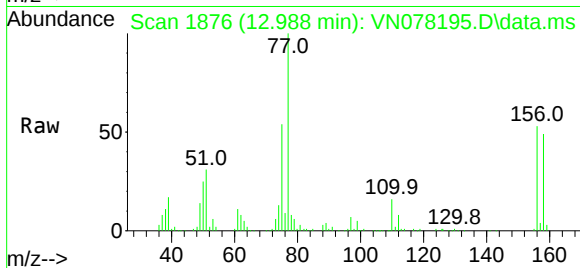
Tgt Ion: 75 Resp: 109061
Ion Ratio Lower Upper
75 100
77 185.7 84.5 253.5





#77
Bromobenzene
Concen: 17.789 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

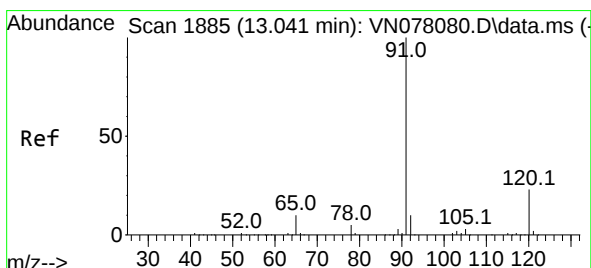
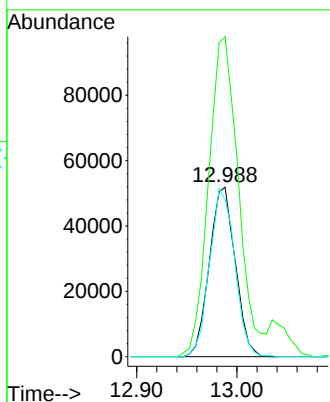
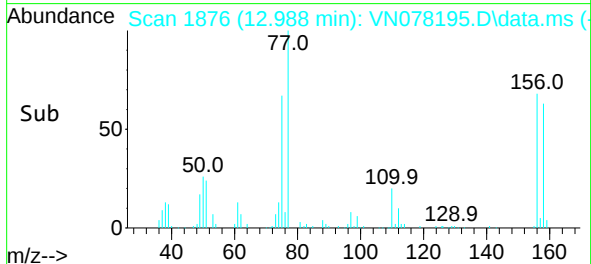
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



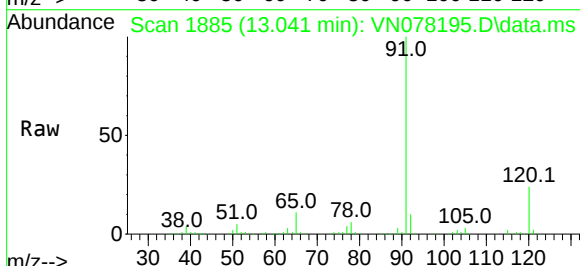
Tgt Ion:156 Resp: 93052
Ion Ratio Lower Upper
156 100
77 217.7 107.7 323.3
158 96.4 48.4 145.3

Manual Integrations
APPROVED

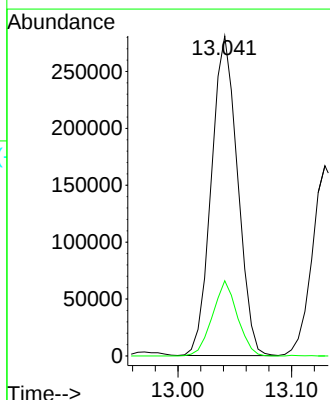
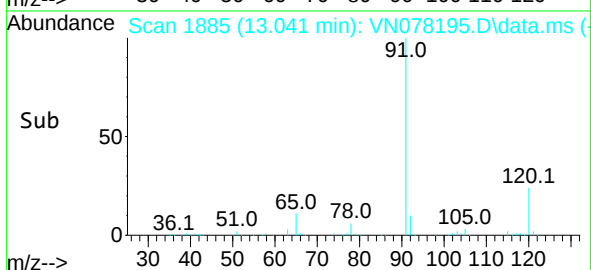
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

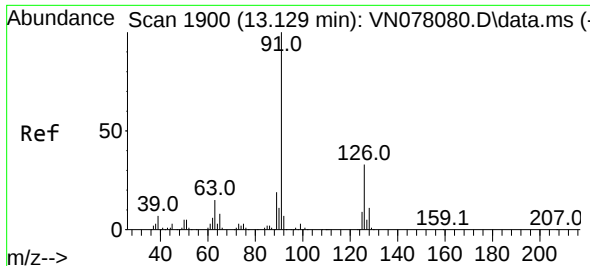


#78
n-propylbenzene
Concen: 18.395 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



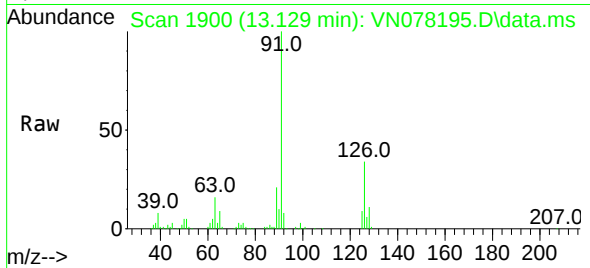
Tgt Ion: 91 Resp: 450342
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.368 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

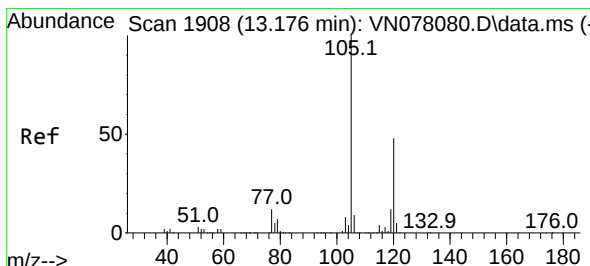
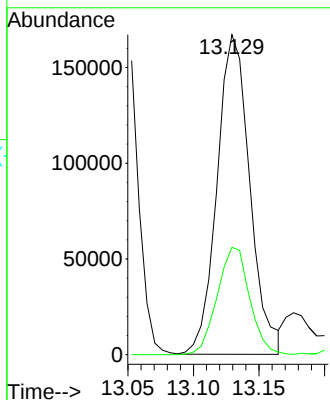
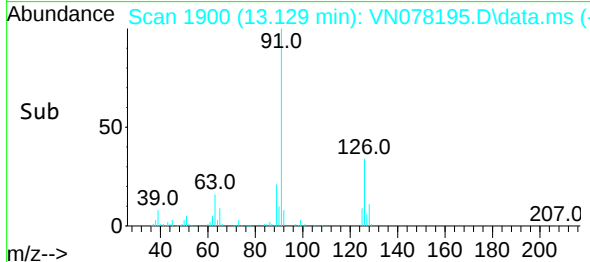
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



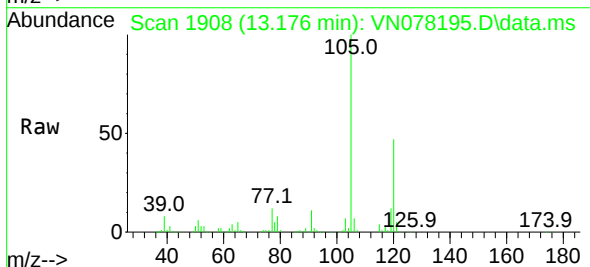
Tgt Ion: 91 Resp: 29026
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

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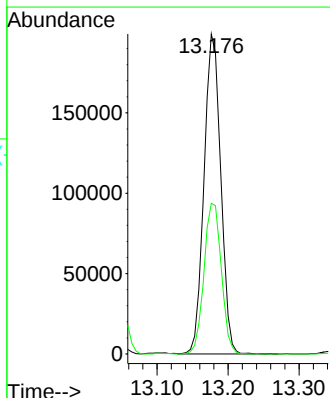
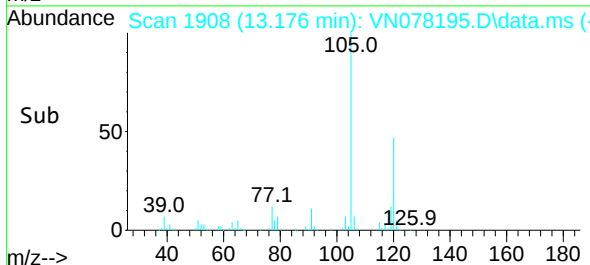
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

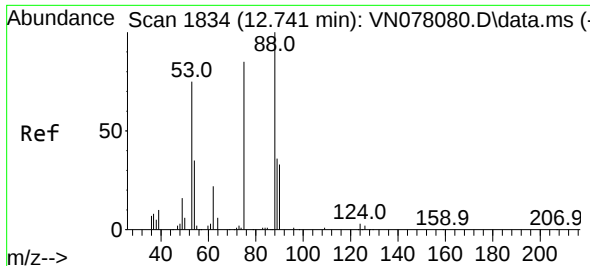


#80
1,3,5-Trimethylbenzene
Concen: 17.921 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



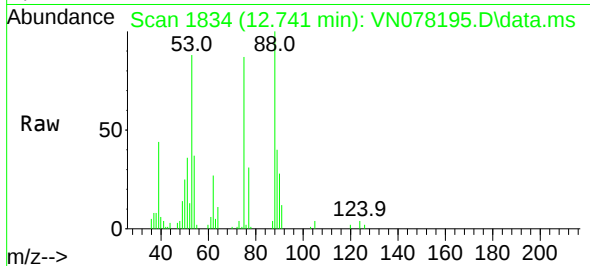
Tgt Ion:105 Resp: 326932
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.805 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

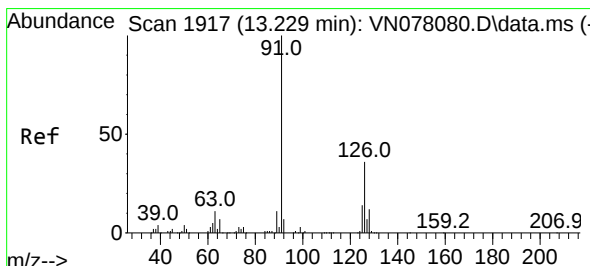
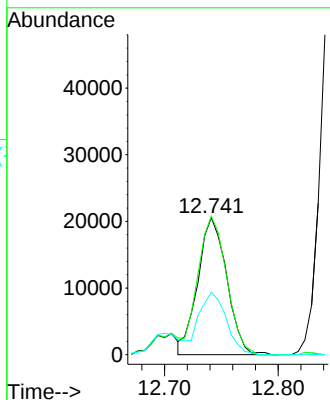
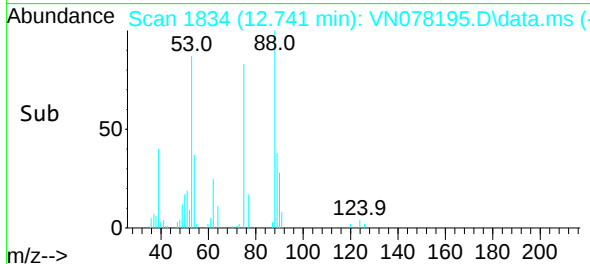
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



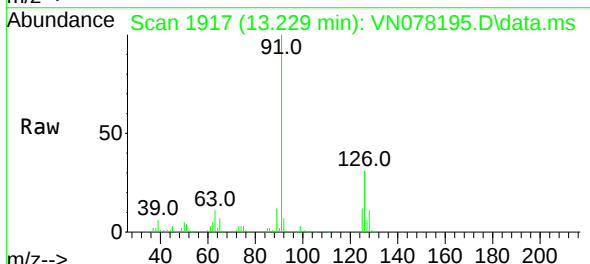
Tgt Ion: 75 Resp: 3631
Ion Ratio Lower Upper
75 100
53 99.2 67.4 101.2
89 43.6 38.8 58.2

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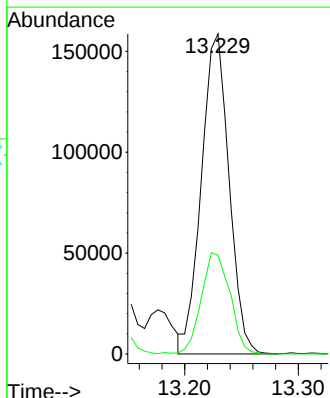
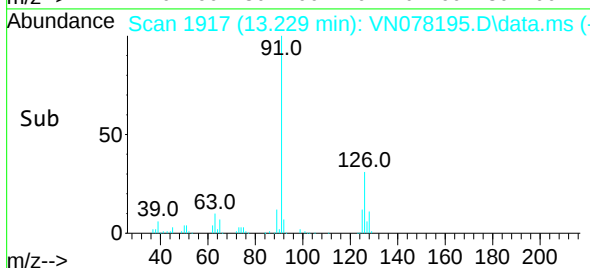
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

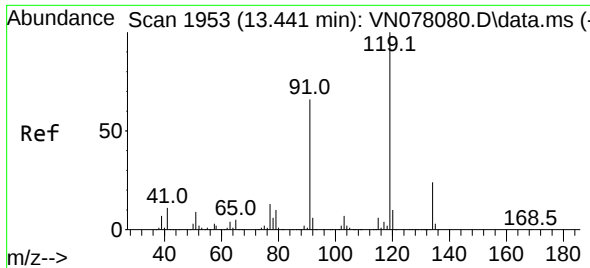


#82
4-Chlorotoluene
Concen: 18.213 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



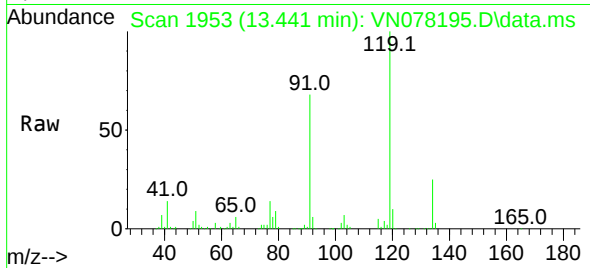
Tgt Ion: 91 Resp: 268617
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.265 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

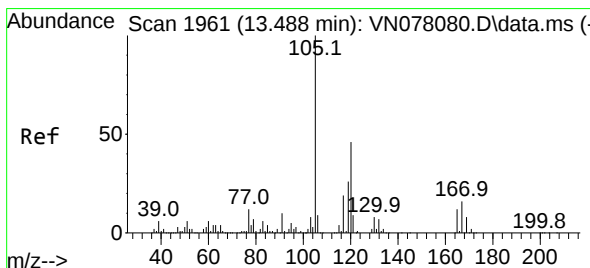
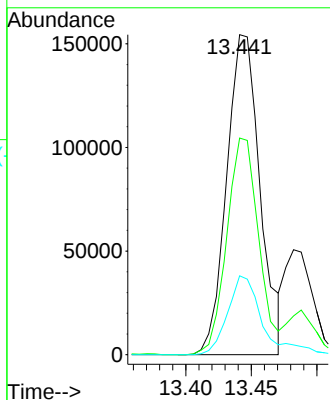
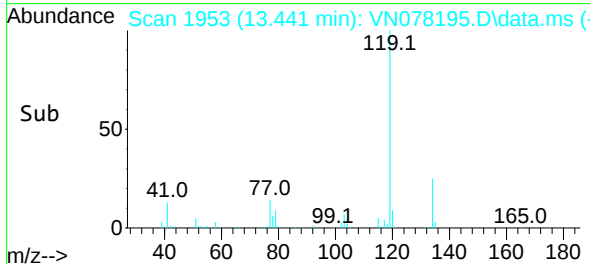
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



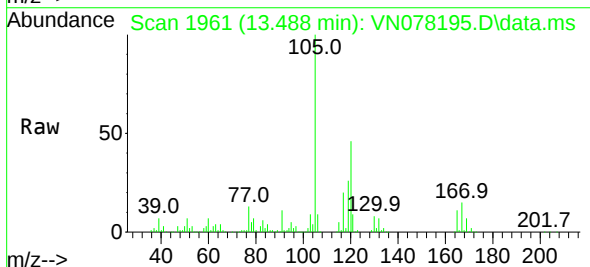
Tgt Ion:119 Resp: 27378
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.7 13.2 39.6

Manual Integrations
APPROVED

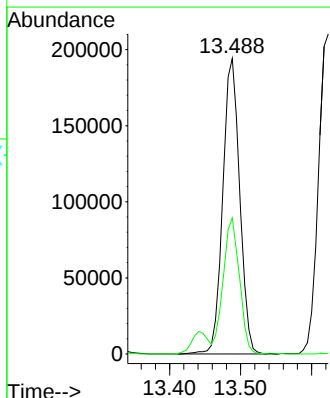
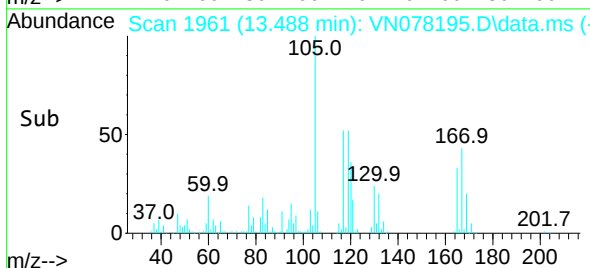
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

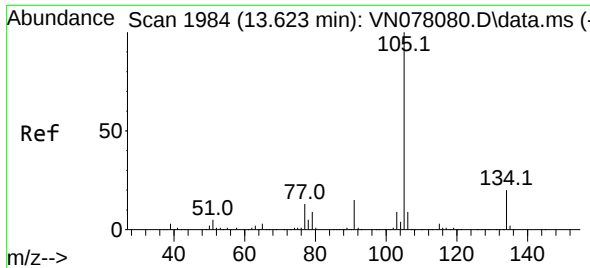


#84
1,2,4-Trimethylbenzene
Concen: 18.114 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion:105 Resp: 320384
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





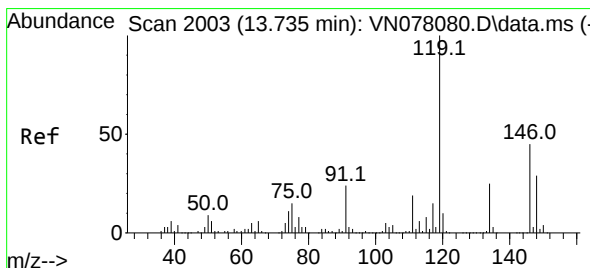
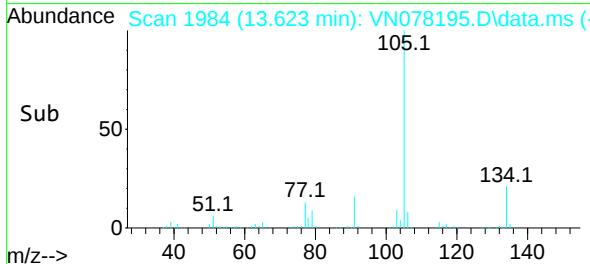
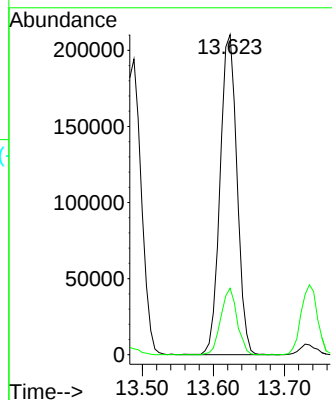
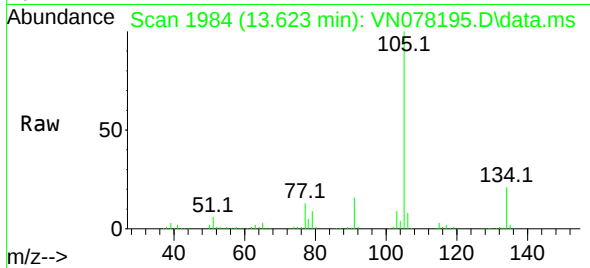
#85
 sec-Butylbenzene
 Concen: 16.700 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078195.D
 Acq: 14 Jun 2023 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBS01

Tgt Ion:105 Resp: 346632
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

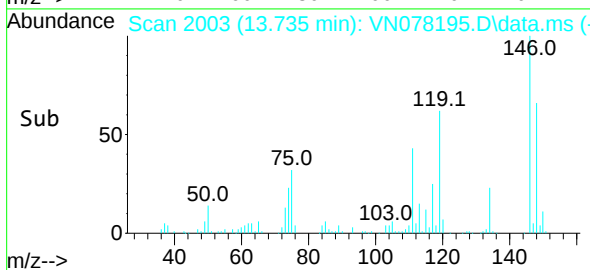
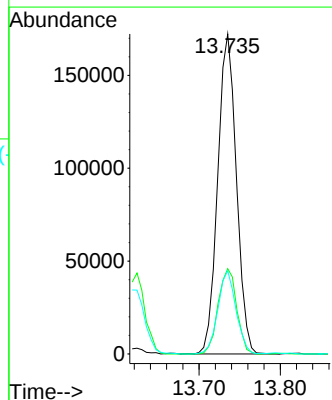
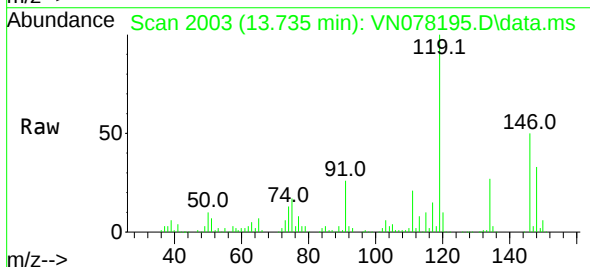
Manual Integrations
 APPROVED

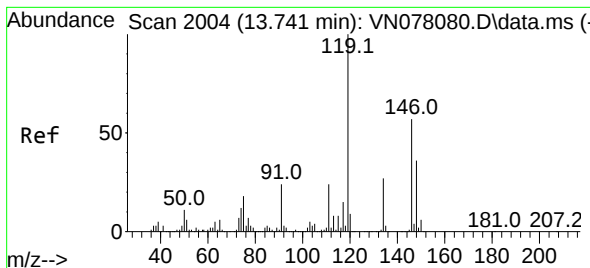
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023



#86
 p-Isopropyltoluene
 Concen: 16.371 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078195.D
 Acq: 14 Jun 2023 10:43

Tgt Ion:119 Resp: 275743
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 25.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.926 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01

Tgt Ion:146 Resp: 149750

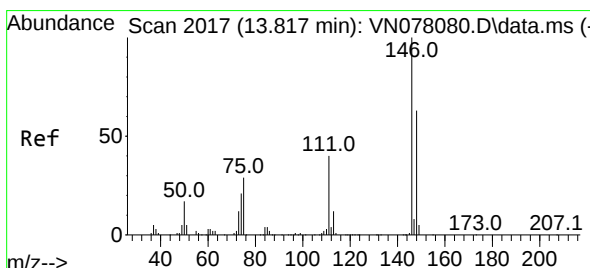
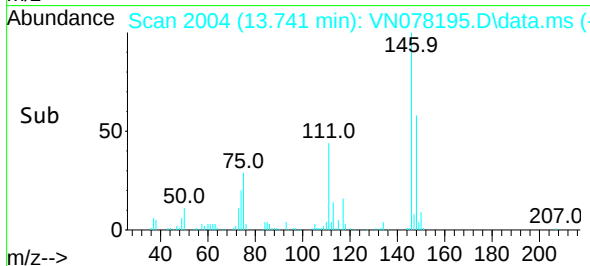
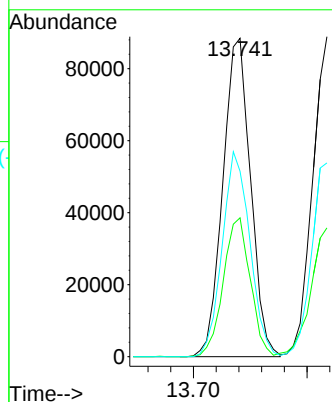
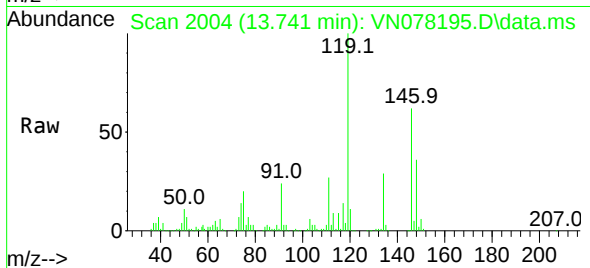
Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.1	66.3
148	64.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#88

1,4-Dichlorobenzene

Concen: 17.037 ug/l

RT: 13.818 min Scan# 2017

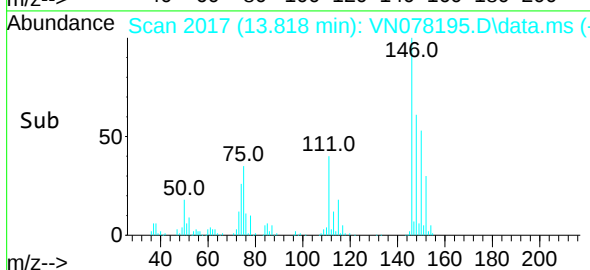
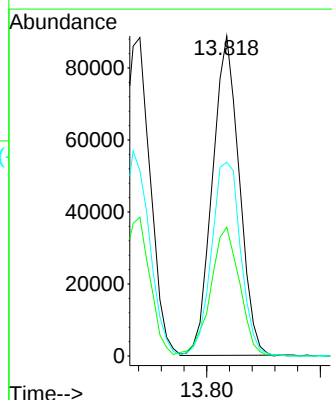
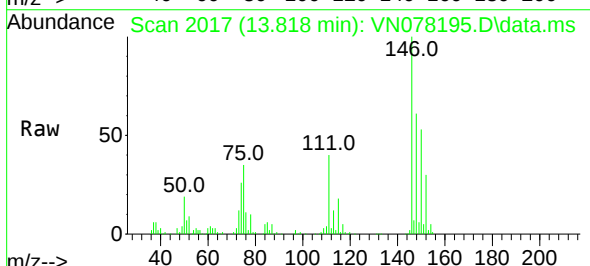
Delta R.T. 0.000 min

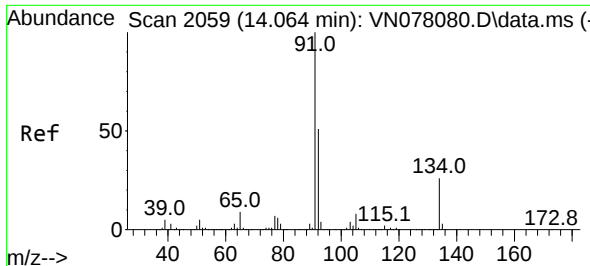
Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Tgt Ion:146 Resp: 145455

Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.6	61.8
148	66.3	31.6	94.8





#89

n-Butylbenzene

Concen: 15.324 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078195.D

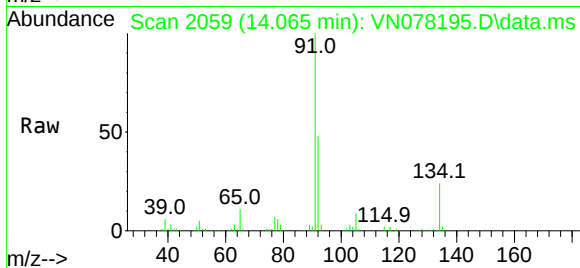
Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01



Tgt Ion: 91 Resp: 203590

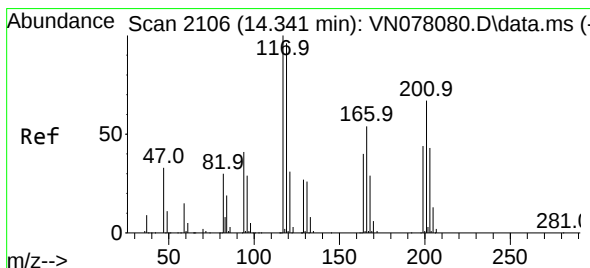
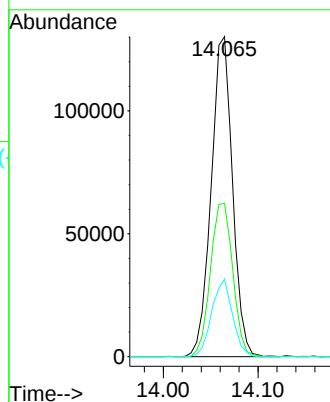
Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.4	79.0
134	23.7	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#90

Hexachloroethane

Concen: 17.564 ug/l

RT: 14.341 min Scan# 2106

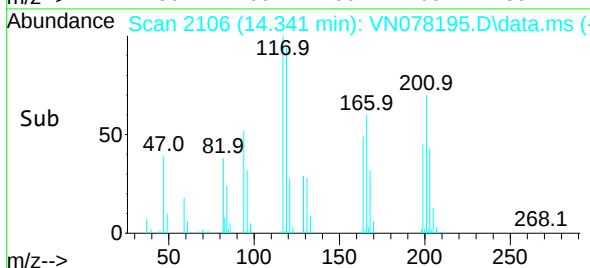
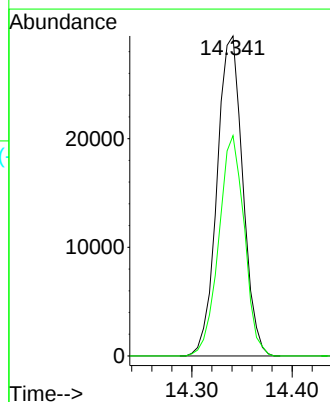
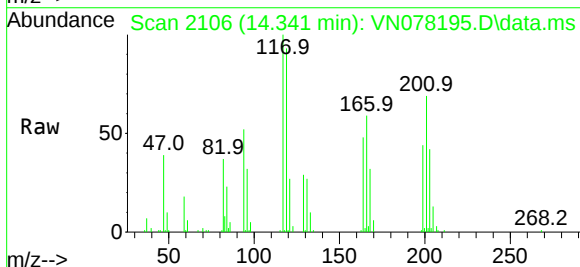
Delta R.T. -0.000 min

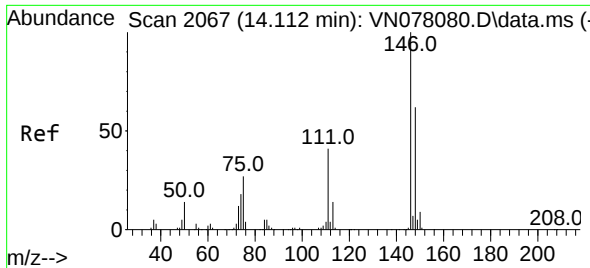
Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

Tgt Ion:117 Resp: 52500

Ion	Ratio	Lower	Upper
117	100		
201	68.3	29.3	88.0





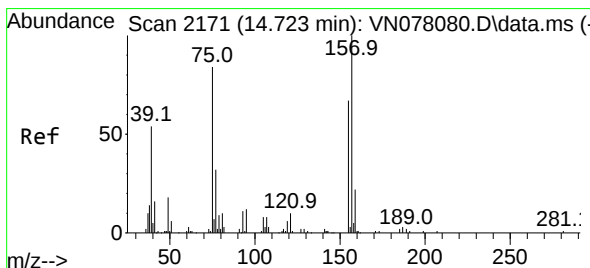
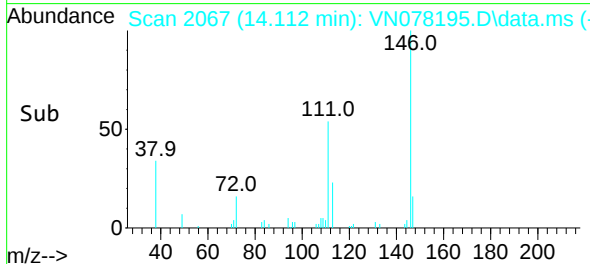
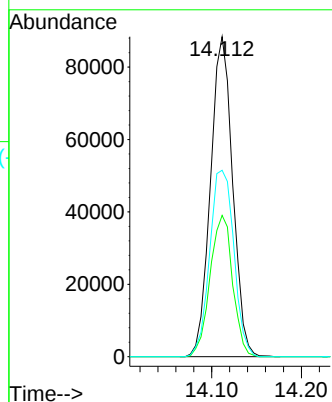
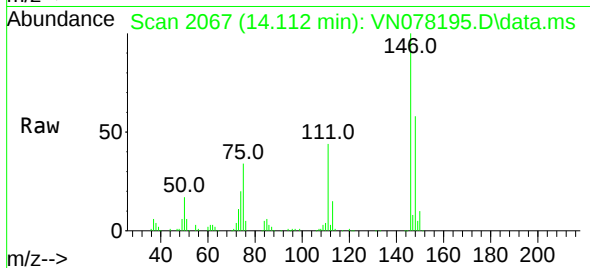
#91
1,2-Dichlorobenzene
Concen: 17.526 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01

Tgt Ion:146 Resp: 15154
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 63.7 31.8 95.3

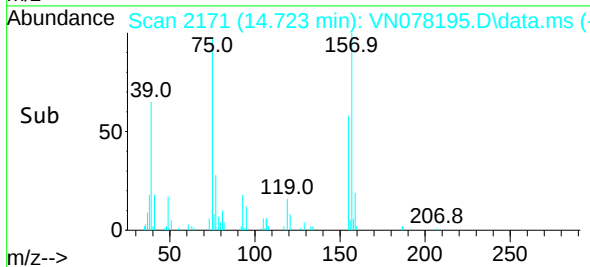
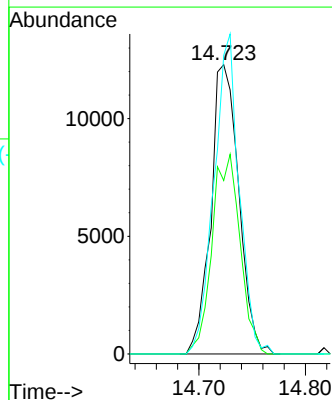
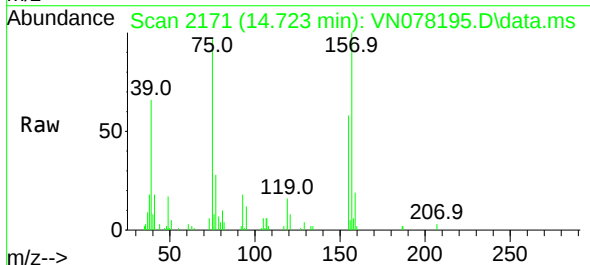
Manual Integrations
APPROVED

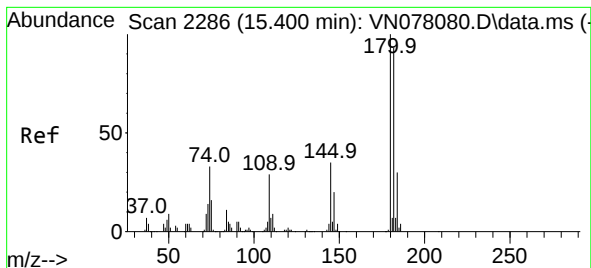
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.029 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

Tgt Ion: 75 Resp: 22354
Ion Ratio Lower Upper
75 100
155 69.1 39.1 117.2
157 99.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.334 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN078195.D

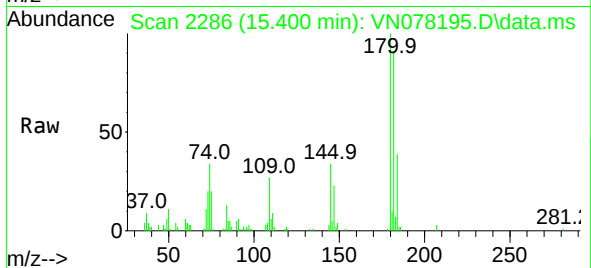
Acq: 14 Jun 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBS01



Tgt Ion:180 Resp: 4416

Ion Ratio Lower Upper

180 100

182 93.1 46.1 138.2

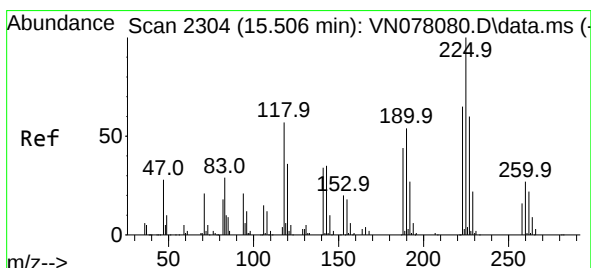
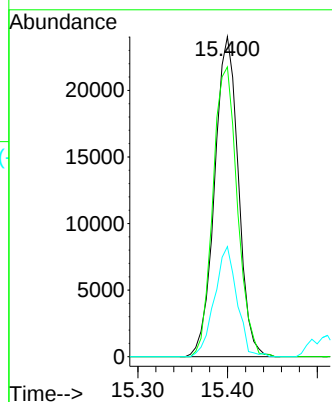
145 32.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#94

Hexachlorobutadiene

Concen: 14.456 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078195.D

Acq: 14 Jun 2023 10:43

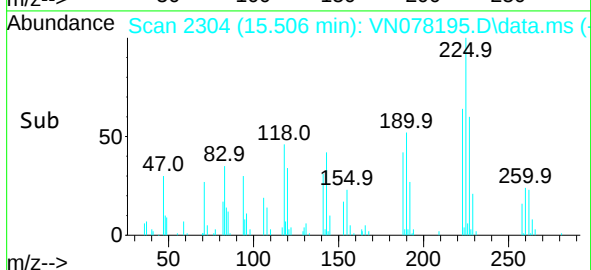
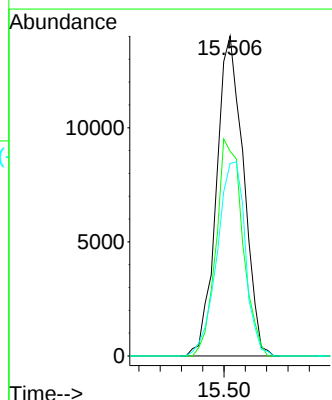
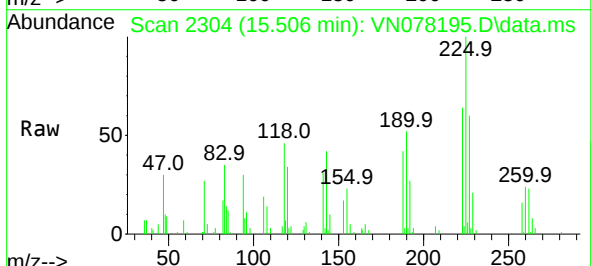
Tgt Ion:225 Resp: 24708

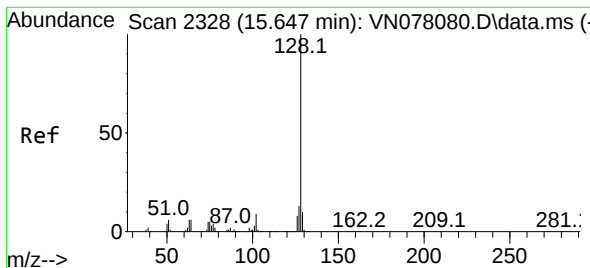
Ion Ratio Lower Upper

225 100

223 66.2 31.3 93.8

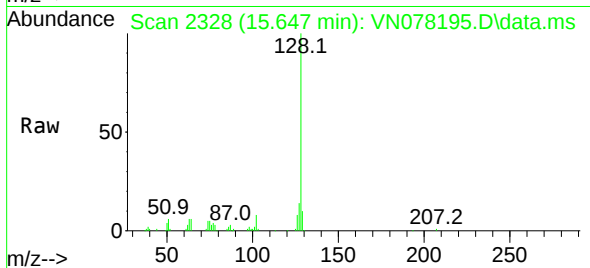
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 13.648 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43

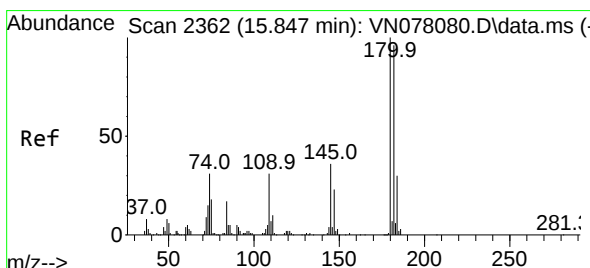
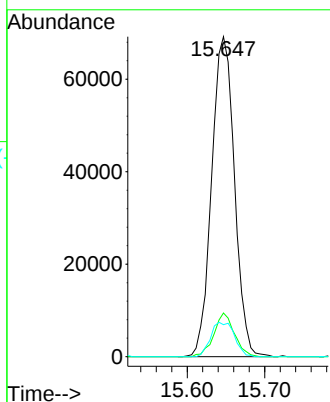
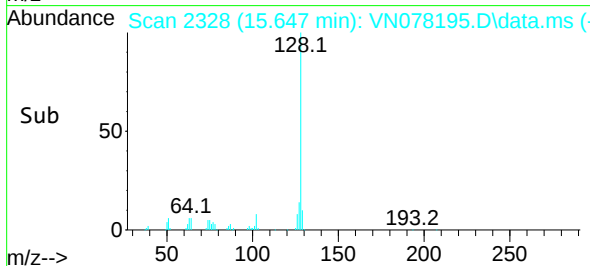
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBS01



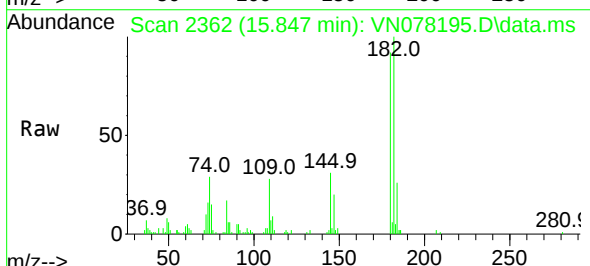
Tgt Ion:128 Resp: 141444
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 14.758 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078195.D
Acq: 14 Jun 2023 10:43



Tgt Ion:180 Resp: 50853
Ion Ratio Lower Upper
180 100
182 97.7 46.2 138.6
145 32.9 17.5 52.6

