

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079177.D
 Acq On : 07 Sep 2023 16:08
 Operator : JC\MD
 Sample : VN0907WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

Quant Time: Sep 08 05:41:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	40787	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	227188	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	203347	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	88945	29.025	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.767%		
60) 4-Bromofluorobenzene	12.853	95	94958	31.693	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	105.633%		
63) Toluene-d8	10.571	98	284429	29.930	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	46555	20.466	ug/l	100
3) Chloromethane	2.365	50	35023	15.354	ug/l	96
4) Vinyl Chloride	2.512	62	39693	17.589	ug/l	92
5) Bromomethane	2.942	94	24635	17.786	ug/l	94
6) Chloroethane	3.112	64	26135	18.910	ug/l	93
7) Trichlorofluoromethane	3.495	101	54840	20.412	ug/l	100
8) Diethyl Ether	3.965	74	20020	20.323	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	30871	20.850	ug/l	98
10) 1,1-Dichloroethene	4.342	96	29363	20.468	ug/l	98
11) Methyl Iodide	4.589	142	39079	21.625	ug/l	98
12) Methyl Acetate	5.036	43	67137	20.081	ug/l	100
13) Acrolein	4.183	56	26130	85.815	ug/l	98
14) Acrylonitrile	5.724	53	90043	91.801	ug/l	98
15) Acetone	4.442	58	27622	107.954	ug/l	98
16) Carbon Disulfide	4.706	76	81913	19.323	ug/l	99
17) Allyl chloride	5.024	41	45542	19.756	ug/l	97
18) Methylene Chloride	5.277	84	36872	19.163	ug/l	95
19) trans-1,2-Dichloroethene	5.794	96	34336	19.130	ug/l	99
20) Diisopropyl ether	6.683	45	113196	16.448	ug/l	93
21) 1,1-Dichloroethane	6.577	63	65957	16.360	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	60092	21.408	ug/l	98
23) tert-Butyl Alcohol	5.542	59	35203	93.296	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	109271	19.299	ug/l	98
25) Chloroform	7.971	83	99516	20.470	ug/l	98
26) Cyclohexane	8.259	56	72698	19.885	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	71572	19.649	ug/l	100
30) 2-Butanone	7.494	43	193707	105.728	ug/l	99
31) 2,2-Dichloropropane	7.494	77	79154	21.786	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	83317	19.415	ug/l	99
33) Carbon Tetrachloride	8.365	117	72546	19.680	ug/l	98
34) Benzene	8.612	78	224083	19.363	ug/l	98
35) Methacrylonitrile	7.788	41	40495	20.528	ug/l	95
36) 1,2-Dichloroethane	8.677	62	72965	19.117	ug/l	100
37) Trichloroethene	9.359	130	53724	19.640	ug/l	97
38) Methylcyclohexane	9.606	83	70356	19.321	ug/l	99
39) 1,2-Dichloropropane	9.629	63	58804	19.698	ug/l	99
40) Dibromomethane	9.718	93	37649	19.124	ug/l	96
41) Bromodichloromethane	9.894	83	77350	19.710	ug/l #	94
42) Vinyl Acetate	6.612	43	344283	79.126	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	78883	22.671	ug/l	100
44) Isopropyl Acetate	8.694	43	119093	19.027	ug/l	98
45) 1,4-Dioxane	9.700	88	24591	394.687	ug/l	92
46) Methyl methacrylate	9.688	41	56999	20.382	ug/l	98
47) n-amyl Acetate	12.500	43	92562	21.027	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	82301	19.384	ug/l #	88
49) cis-1,3-Dichloropropene	10.318	75	91297	20.615	ug/l	96
50) 1,1,2-Trichloroethane	11.024	97	48736	17.646	ug/l	98
51) Ethyl methacrylate	10.882	69	83659	19.614	ug/l	96
52) 1,3-Dichloropropane	11.171	76	95619	20.280	ug/l	99
53) Dibromochloromethane	11.365	129	57662	19.906	ug/l	100
54) 1,2-Dibromoethane	11.476	107	54881	19.569	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	167378	110.440	ug/l	99
56) Bromoform	12.582	173	40645	20.137	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	379282	101.642	ug/l	99
59) 2-Hexanone	11.200	43	280417	107.004	ug/l	98
61) Tetrachloroethene	11.106	164	45819	20.708	ug/l	95
62) Toluene	10.635	91	236767	19.997	ug/l	99
64) Chlorobenzene	11.900	112	137436	19.898	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	52802	19.968	ug/l	99
66) Ethyl Benzene	11.970	91	250092	20.979	ug/l	97
67) m/p-Xylenes	12.076	106	189212	42.182	ug/l	99
68) o-Xylene	12.406	106	90532	20.928	ug/l	97
69) Styrene	12.418	104	153194	22.203	ug/l	99
70) Isopropylbenzene	12.700	105	228420	20.773	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	79440	19.313	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	67683m	19.556	ug/l	
73) Bromobenzene	12.988	156	55076	20.052	ug/l	98
74) n-propylbenzene	13.041	91	264172	21.086	ug/l	99
75) 2-Chlorotoluene	13.129	91	166208	20.689	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	190056	20.904	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	26220	21.518	ug/l	97
78) 4-Chlorotoluene	13.229	91	161142	21.243	ug/l	97
79) tert-butylbenzene	13.447	119	153494	20.568	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	184937	21.299	ug/l	100
81) sec-Butylbenzene	13.623	105	213462	20.906	ug/l	98
82) p-Isopropyltoluene	13.735	119	171607	21.277	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	92733	21.259	ug/l	100
84) 1,4-Dichlorobenzene	13.817	146	88131	21.542	ug/l	100
85) n-Butylbenzene	14.064	91	135831	22.112	ug/l	100
86) Hexachloroethane	14.341	117	28217	17.670	ug/l	100
87) 1,2-Dichlorobenzene	14.112	146	91382	21.228	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13305	19.136	ug/l	96
89) 1,2,4-Trichlorobenzene	15.847	180	36625	19.882	ug/l	99
90) Hexachlorobutadiene	15.506	225	22924	20.488	ug/l	97
91) Naphthalene	15.647	128	93679	19.461	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	36625	19.882	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

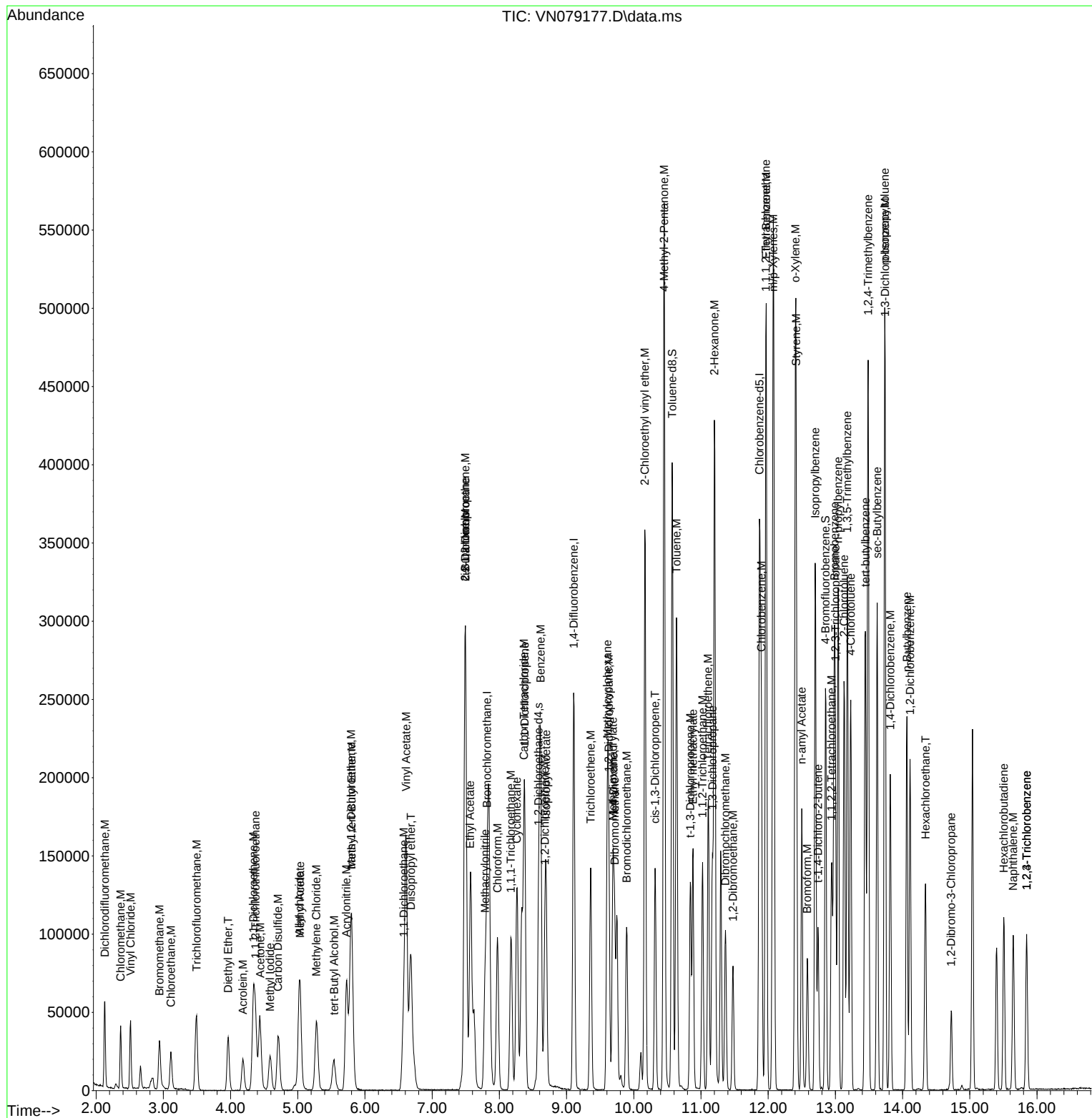
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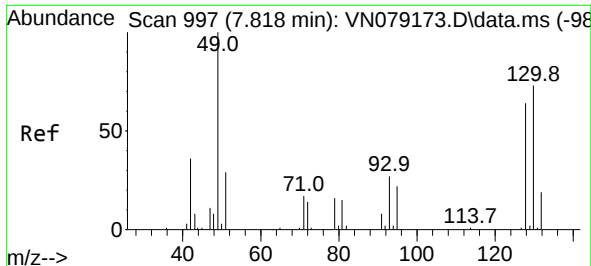
Instrument :
MSVOA_N
ClientSampleId :
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Supervised By : Mahesh Dadoda 09/08/2023

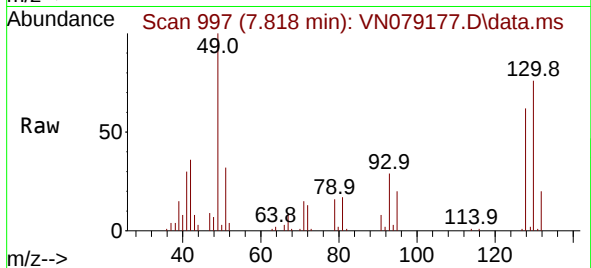
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

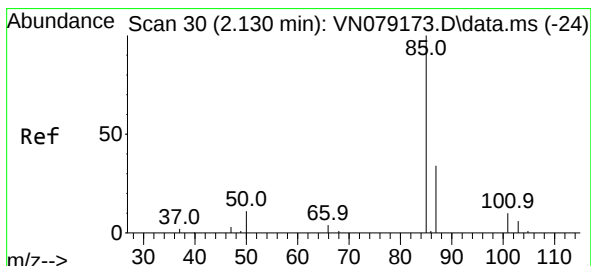
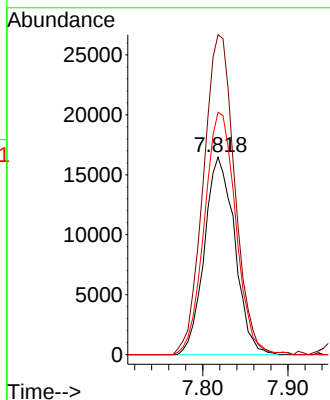
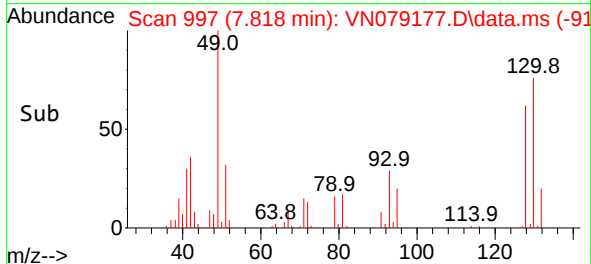
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



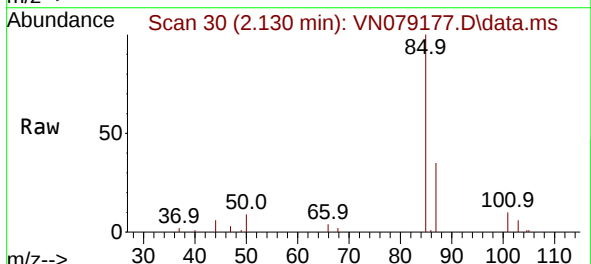
Tgt Ion:128 Resp: 4078
Ion Ratio Lower Upper
128 100
49 167.0 0.0 414.3
130 127.0 0.0 311.0

Manual Integrations
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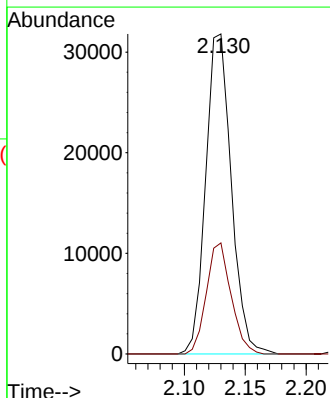
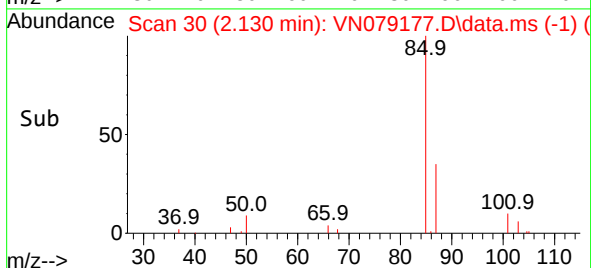
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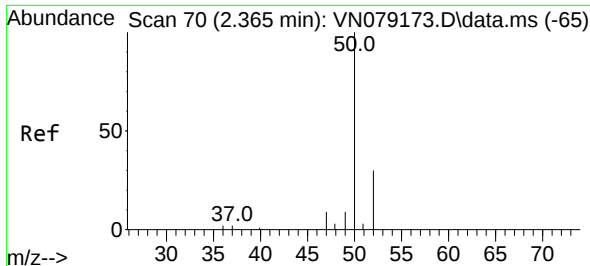


#2
Dichlorodifluoromethane
Concen: 20.466 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



Tgt Ion: 85 Resp: 46555
Ion Ratio Lower Upper
85 100
87 34.7 17.3 51.7





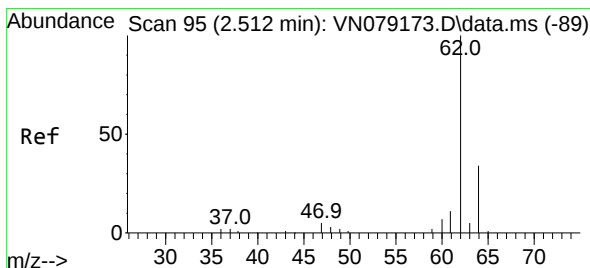
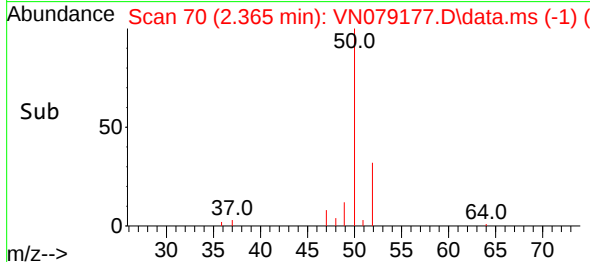
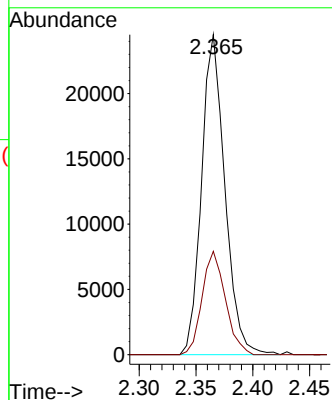
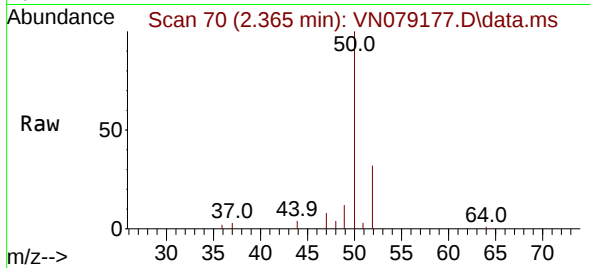
#3
Chloromethane
Concen: 15.354 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
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Tgt Ion: 50 Resp: 3502
Ion Ratio Lower Upper
50 100
52 32.3 24.0 36.0

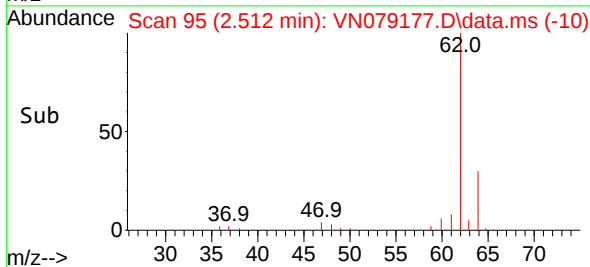
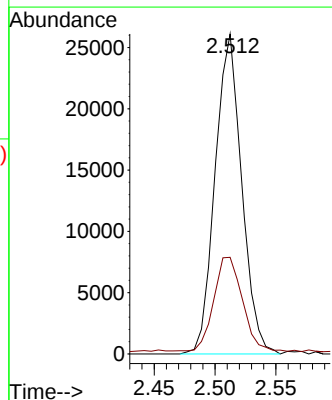
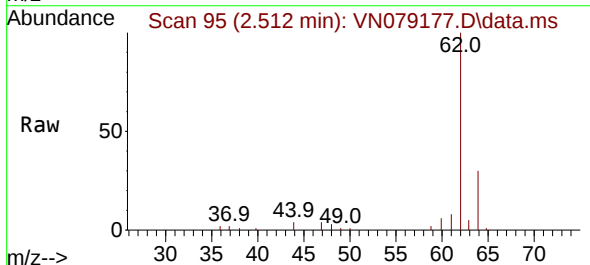
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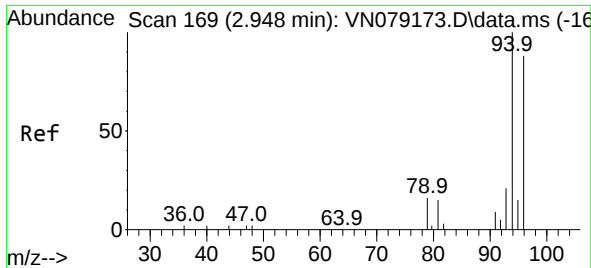
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#4
Vinyl Chloride
Concen: 17.589 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

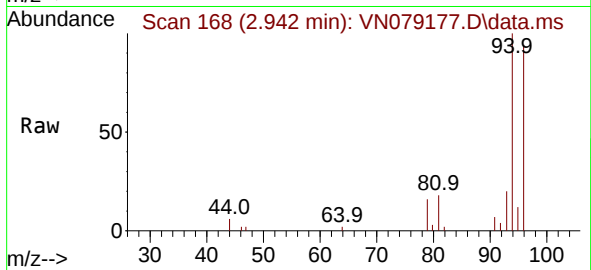
Tgt Ion: 62 Resp: 39693
Ion Ratio Lower Upper
62 100
64 29.2 27.1 40.7





#5
Bromomethane
Concen: 17.786 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

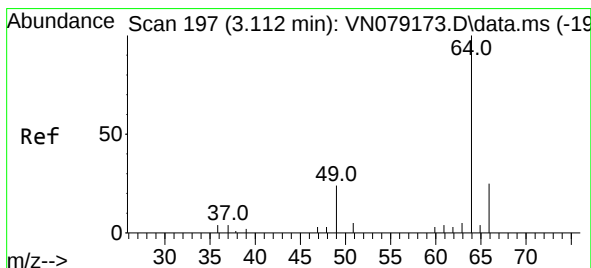
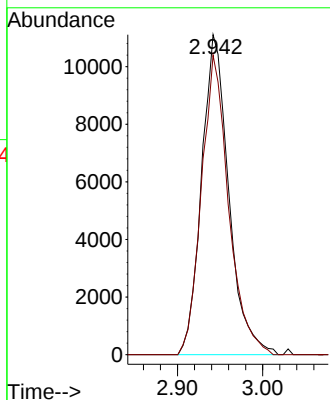
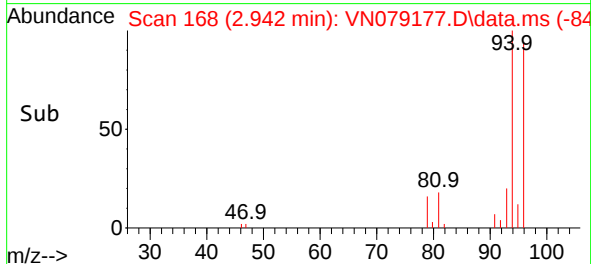
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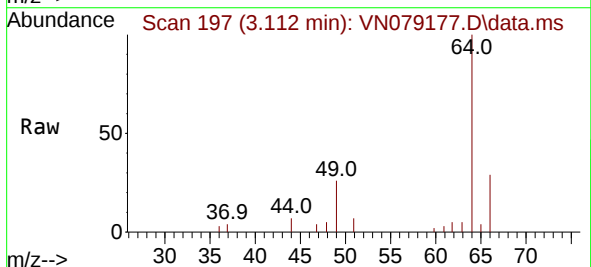
Tgt Ion: 94 Resp: 24635
Ion Ratio Lower Upper
94 100
96 93.6 70.6 105.8

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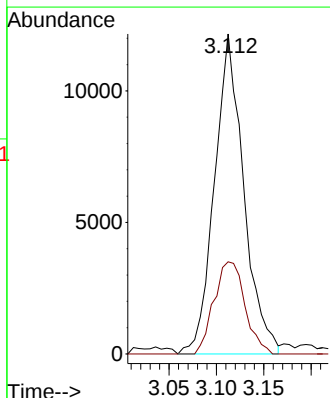
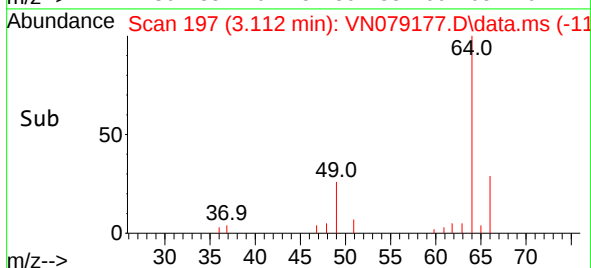
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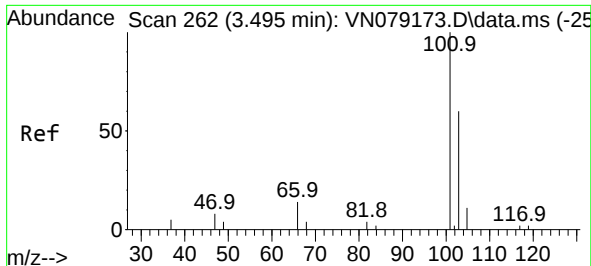


#6
Chloroethane
Concen: 18.910 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



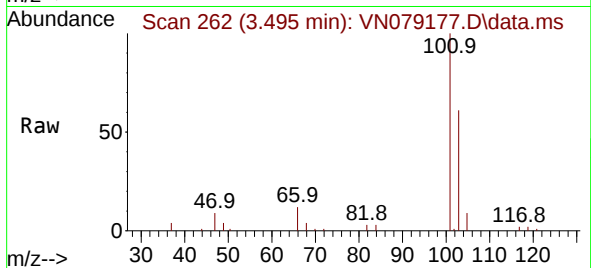
Tgt Ion: 64 Resp: 26135
Ion Ratio Lower Upper
64 100
66 28.8 20.1 30.1





#7
Trichlorofluoromethane
Concen: 20.412 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN079177.D
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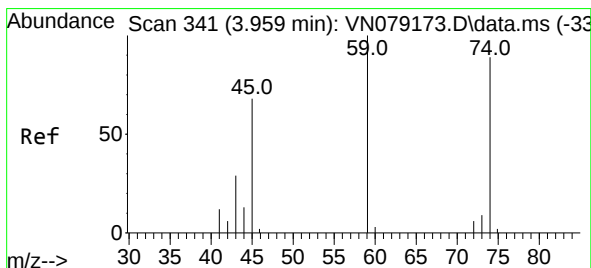
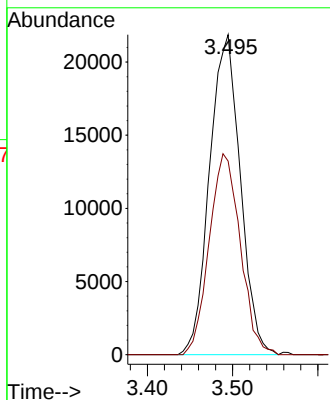
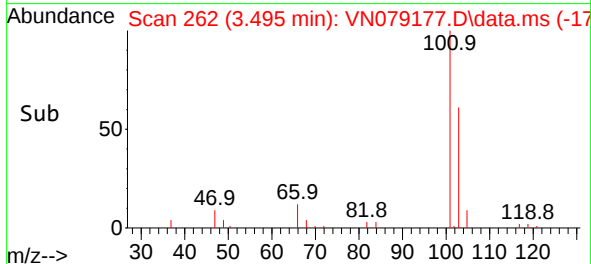
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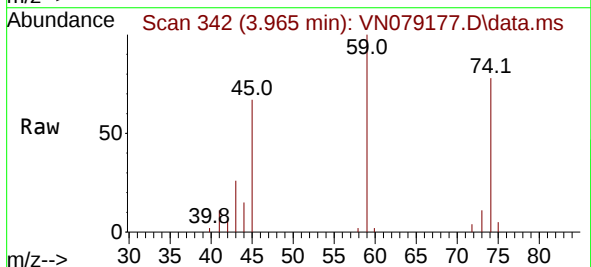
Tgt Ion:101 Resp: 54840
Ion Ratio Lower Upper
101 100
103 60.5 48.2 72.4

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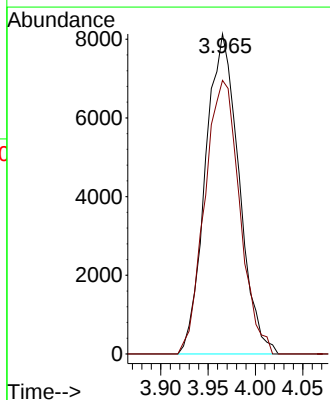
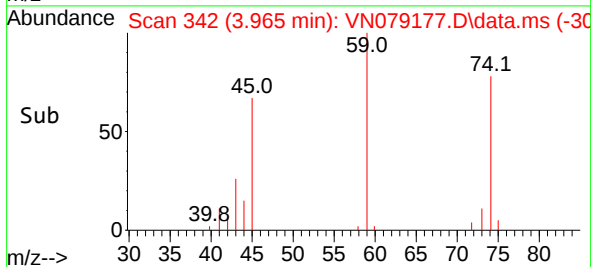
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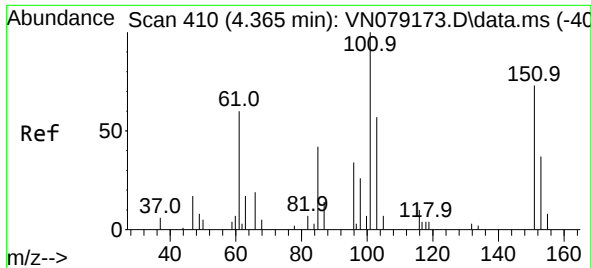


#8
Diethyl Ether
Concen: 20.323 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



Tgt Ion: 74 Resp: 20020
Ion Ratio Lower Upper
74 100
45 89.0 17.6 158.0





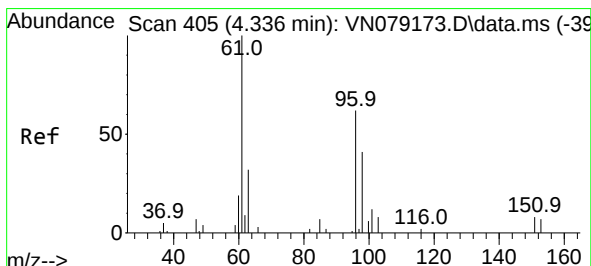
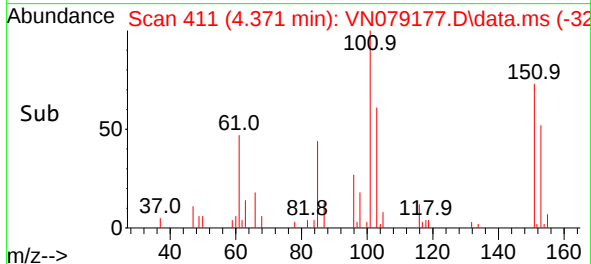
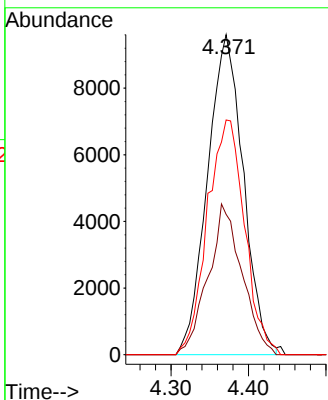
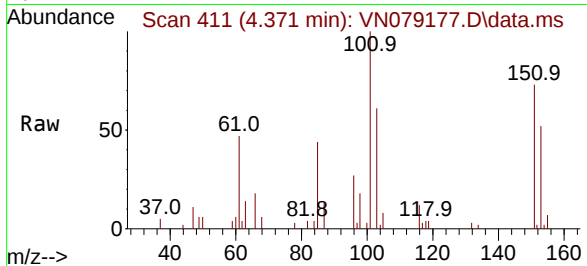
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.850 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN079177.D
 Acq: 07 Sep 2023 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

Tgt Ion:101 Resp: 3087
 Ion Ratio Lower Upper
 101 100
 85 44.5 0.0 85.6
 151 76.2 0.0 155.8

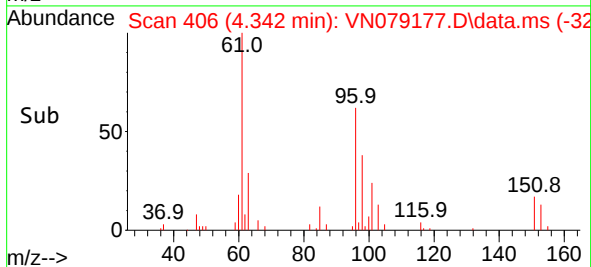
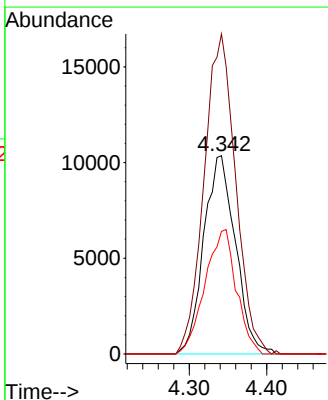
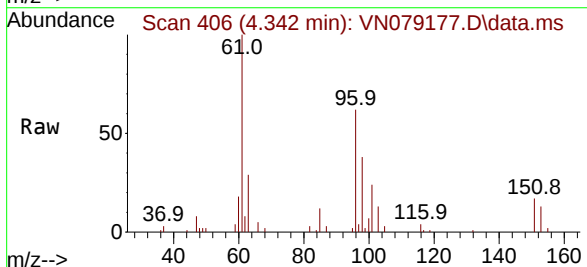
Manual Integrations
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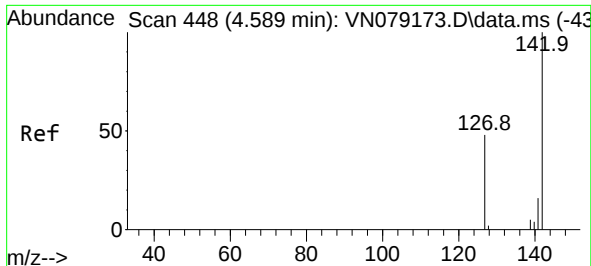
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#10
 1,1-Dichloroethene
 Concen: 20.468 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN079177.D
 Acq: 07 Sep 2023 16:08

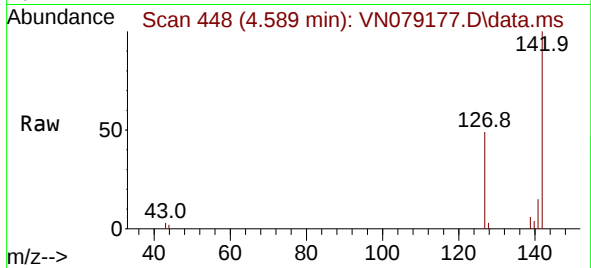
Tgt Ion: 96 Resp: 29363
 Ion Ratio Lower Upper
 96 100
 61 161.5 130.2 195.2
 98 61.9 52.3 78.5





#11
Methyl Iodide
Concen: 21.625 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

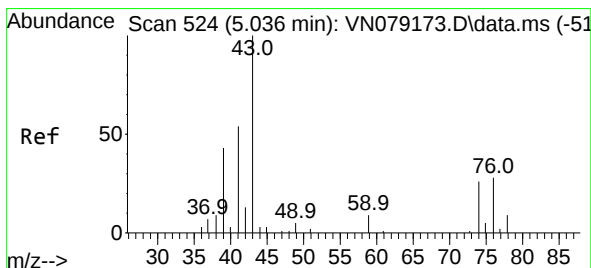
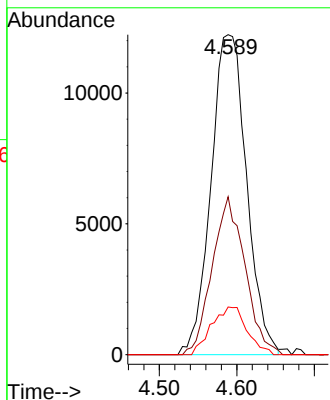
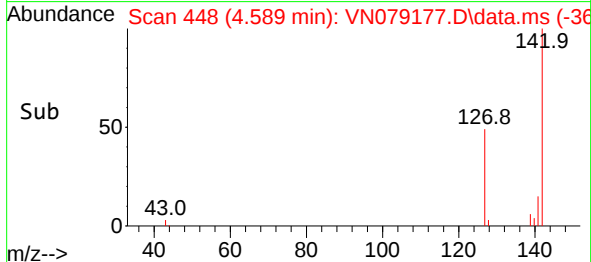
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion:142 Resp: 39079
Ion Ratio Lower Upper
142 100
127 49.1 23.8 71.4
141 15.0 8.2 24.6

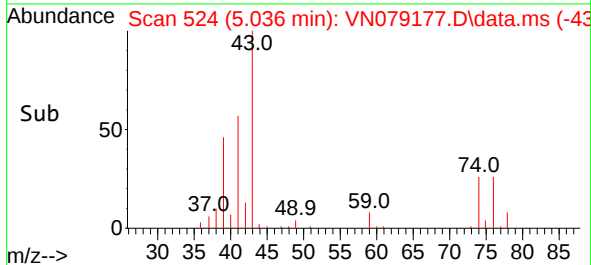
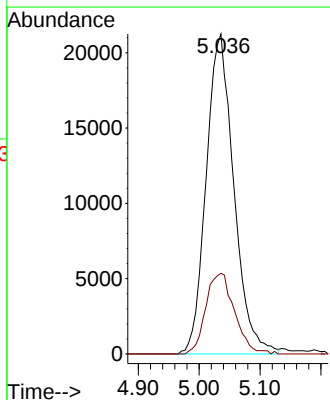
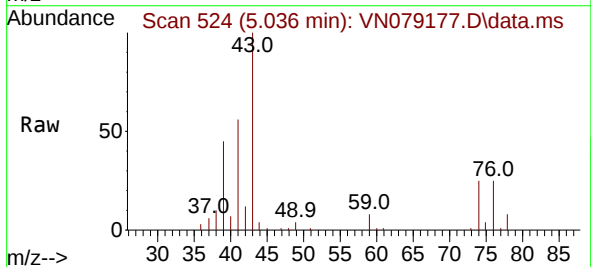
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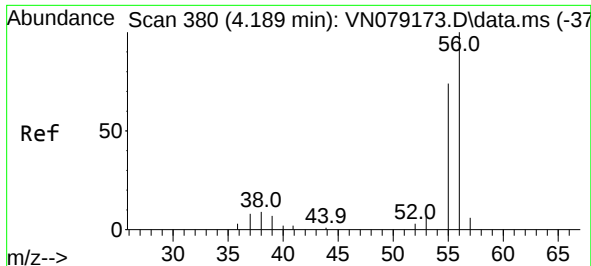
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#12
Methyl Acetate
Concen: 20.081 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Tgt Ion: 43 Resp: 67137
Ion Ratio Lower Upper
43 100
74 25.4 20.4 30.6





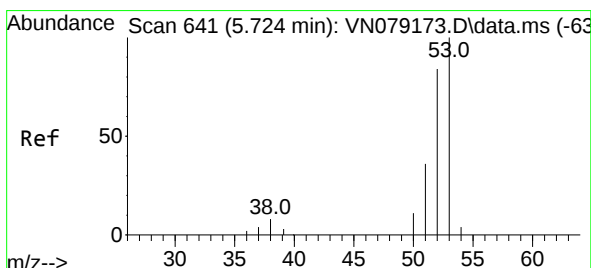
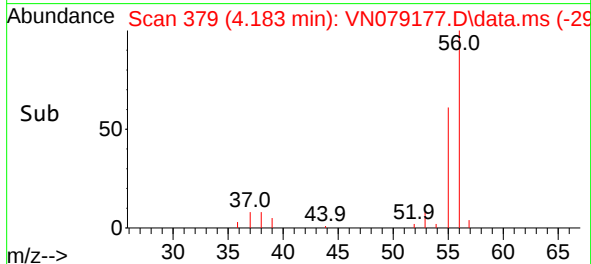
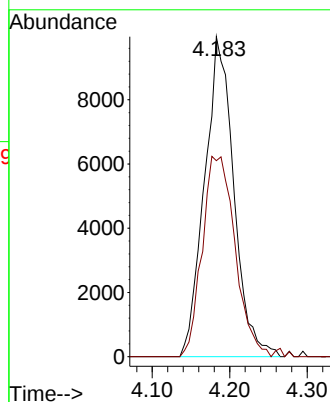
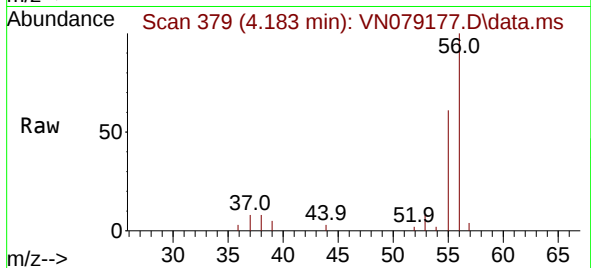
#13
Acrolein
Concen: 85.815 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion: 56 Resp: 26130
Ion Ratio Lower Upper
56 100
55 70.1 57.7 86.5

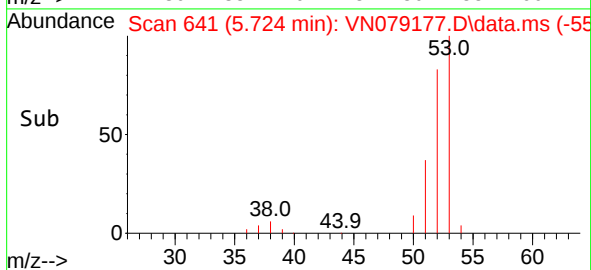
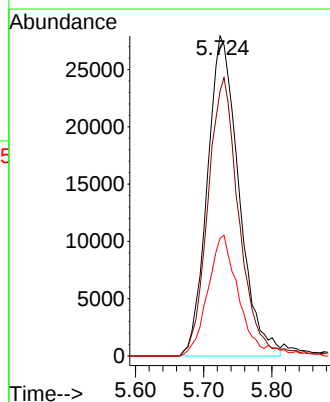
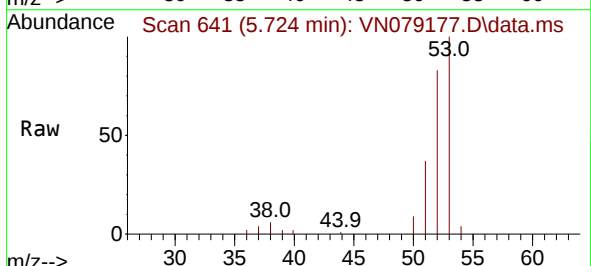
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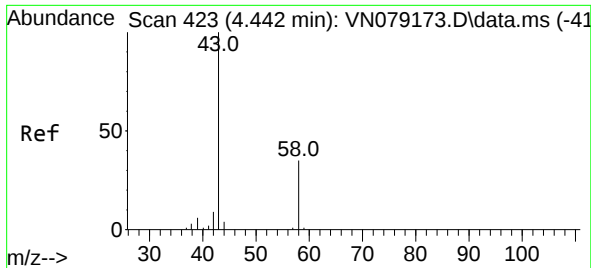
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#14
Acrylonitrile
Concen: 91.801 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Tgt Ion: 53 Resp: 90043
Ion Ratio Lower Upper
53 100
52 85.0 41.4 124.4
51 35.7 17.3 51.9





#15

Acetone

Concen: 107.954 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

Tgt Ion: 58 Resp: 2762

Ion Ratio Lower Upper

58 100

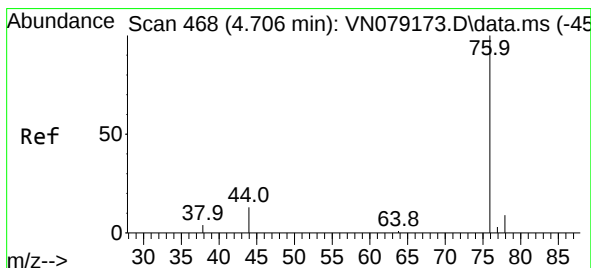
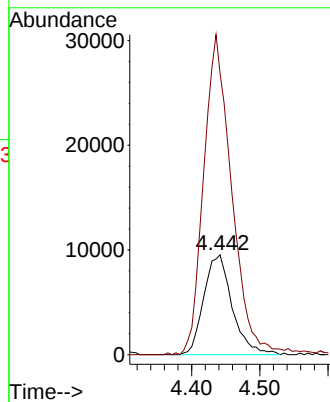
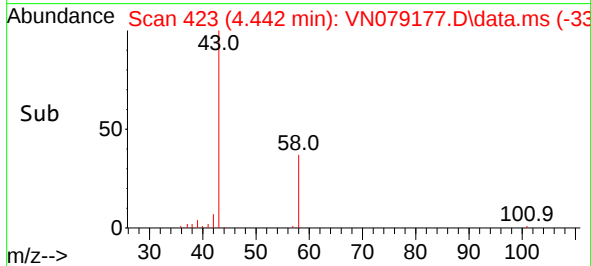
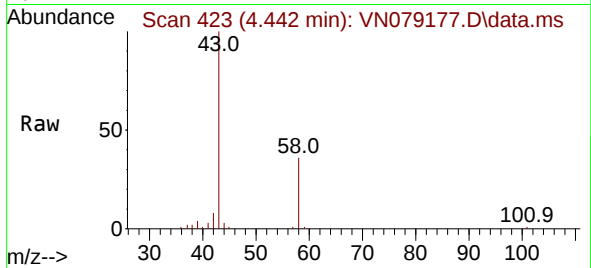
43 281.6 228.3 342.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#16

Carbon Disulfide

Concen: 19.323 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN079177.D

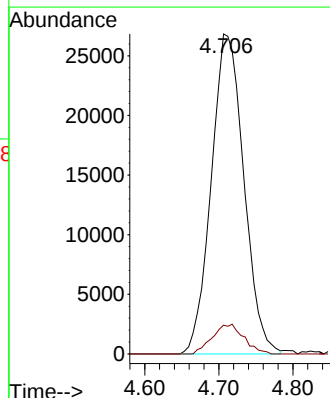
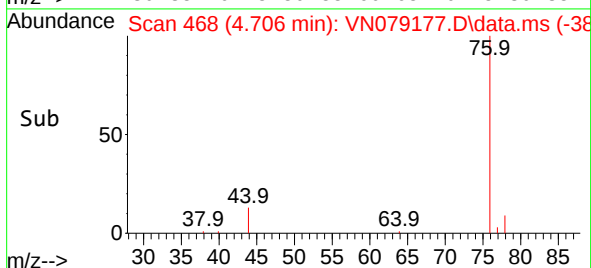
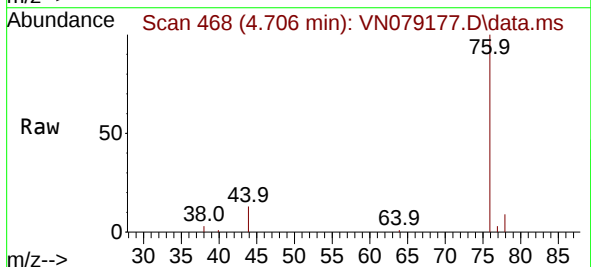
Acq: 07 Sep 2023 16:08

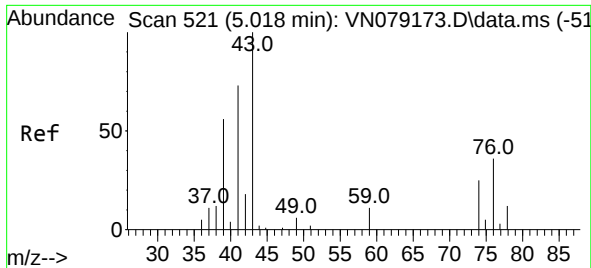
Tgt Ion: 76 Resp: 81913

Ion Ratio Lower Upper

76 100

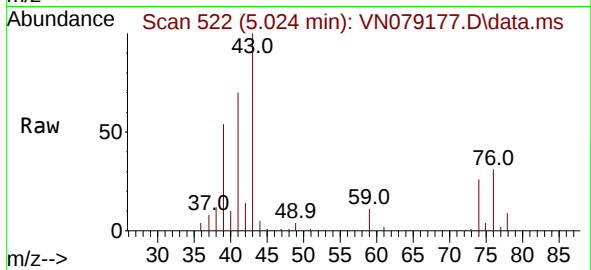
78 9.0 6.9 10.3





#17
 Allyl chloride
 Concen: 19.756 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079177.D
 Acq: 07 Sep 2023 16:08

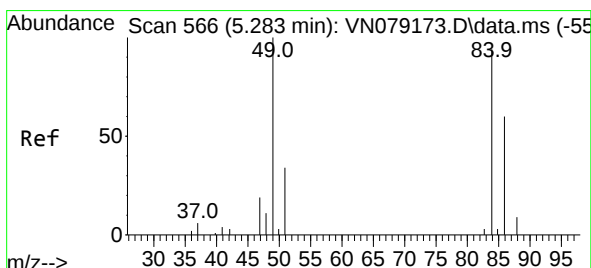
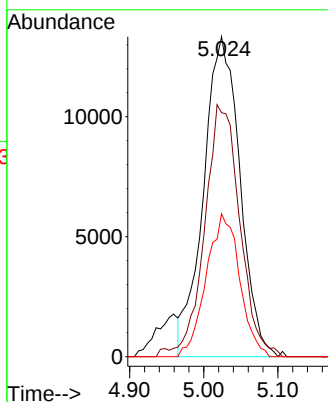
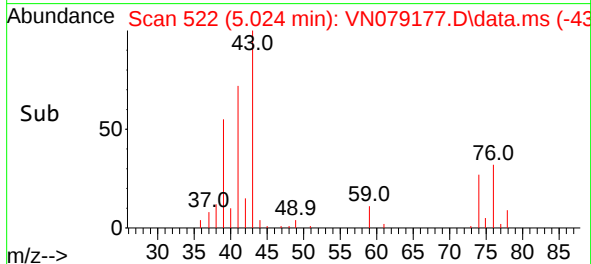
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01



Tgt Ion: 41 Resp: 4554
 Ion Ratio Lower Upper
 41 100
 39 74.7 38.3 114.8
 76 44.7 23.7 71.1

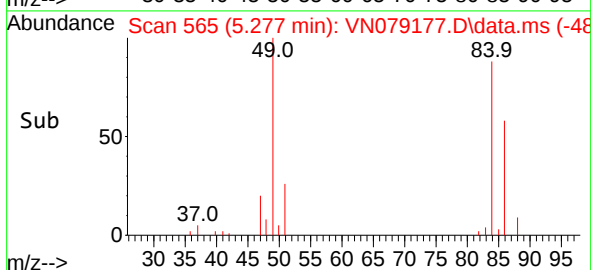
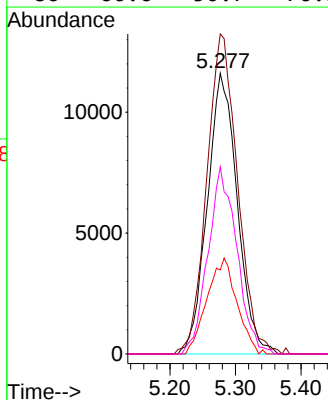
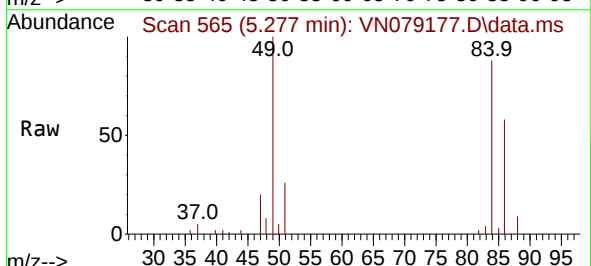
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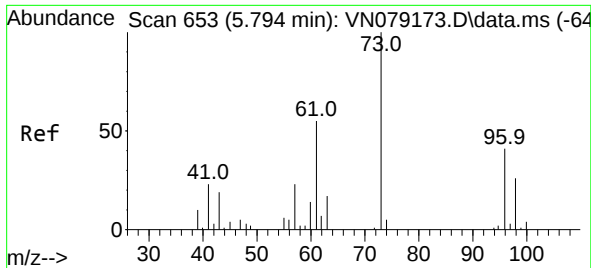
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#18
 Methylene Chloride
 Concen: 19.163 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079177.D
 Acq: 07 Sep 2023 16:08

Tgt Ion: 84 Resp: 36872
 Ion Ratio Lower Upper
 84 100
 49 112.6 86.9 130.3
 51 29.9 28.6 43.0
 86 66.6 50.7 76.1





#19

trans-1,2-Dichloroethene

Concen: 19.130 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

Tgt Ion: 96 Resp: 34330

Ion Ratio Lower Upper

96 100

61 132.2 106.6 159.8

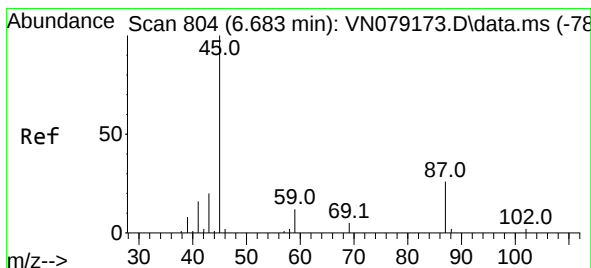
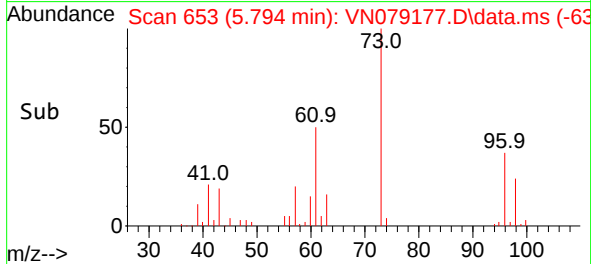
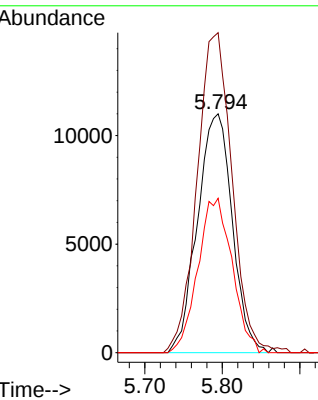
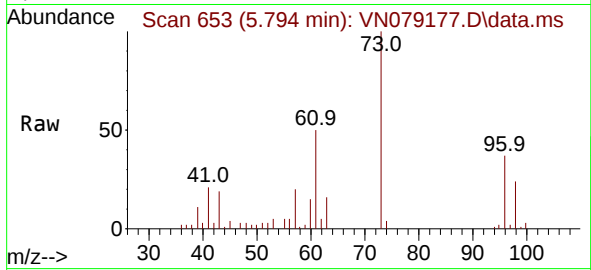
98 64.6 51.0 76.4

Manual Integrations

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Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#20

Diisopropyl ether

Concen: 16.448 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Tgt Ion: 45 Resp: 113196

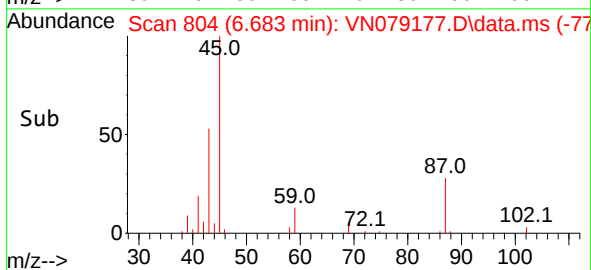
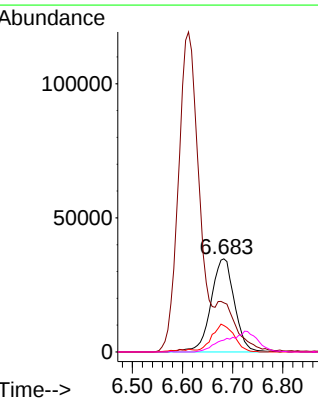
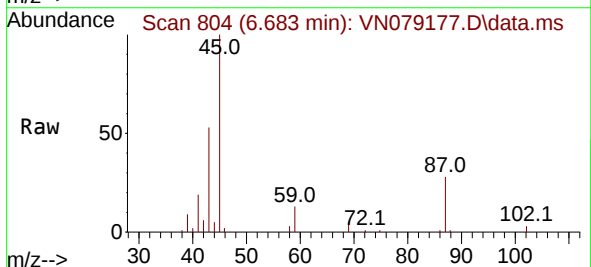
Ion Ratio Lower Upper

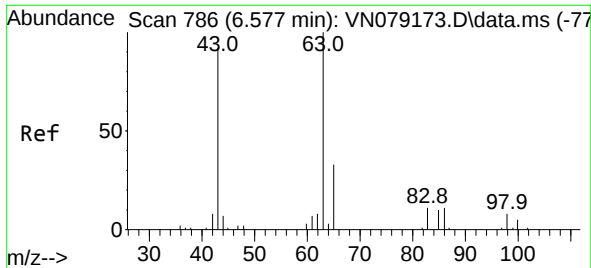
45 100

43 50.3 34.9 52.3

87 28.3 21.5 32.3

59 12.7 9.7 14.5





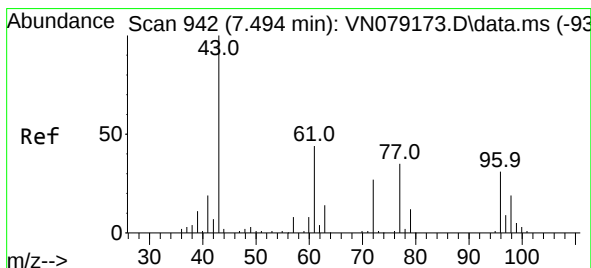
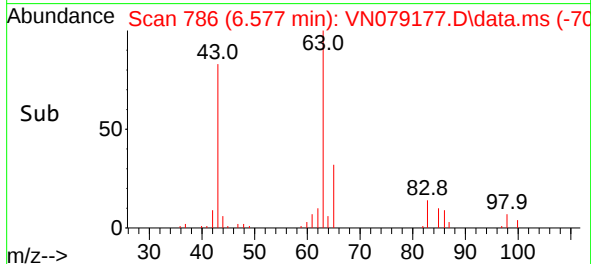
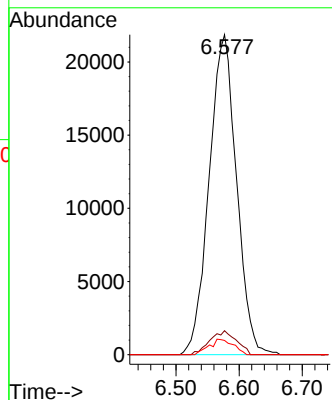
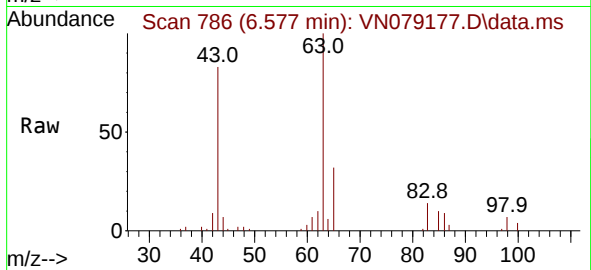
#21
1,1-Dichloroethane
Concen: 16.360 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion: 63 Resp: 6595
Ion Ratio Lower Upper
63 100
98 7.5 3.9 11.5
100 4.5 2.5 7.5

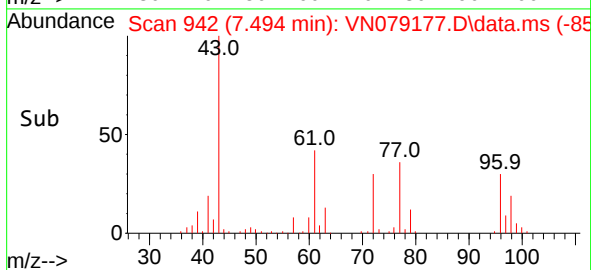
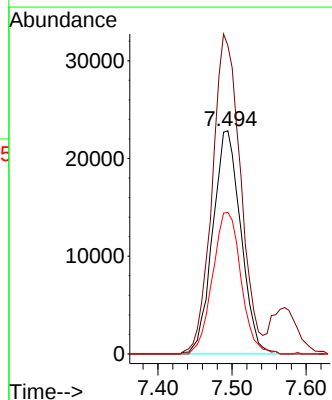
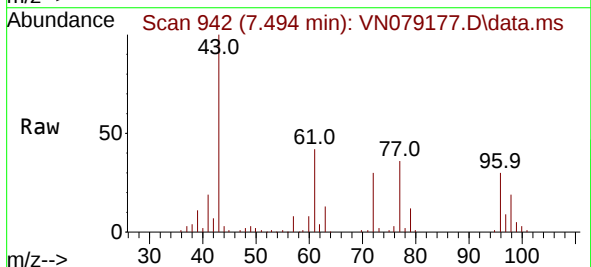
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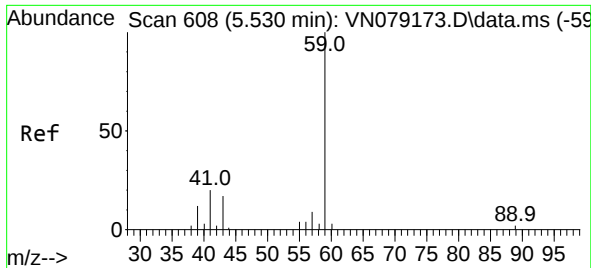
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#22
cis-1,2-Dichloroethene
Concen: 21.408 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Tgt Ion: 96 Resp: 60092
Ion Ratio Lower Upper
96 100
61 144.3 113.0 169.6
98 64.0 50.2 75.4





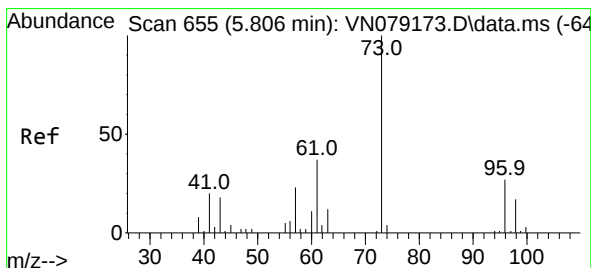
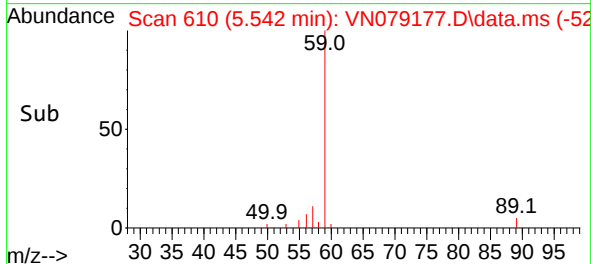
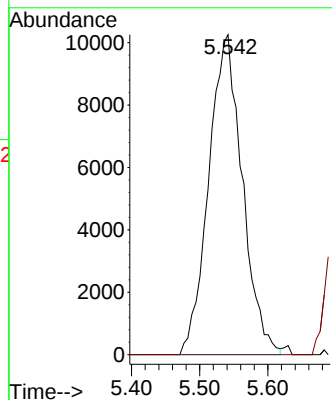
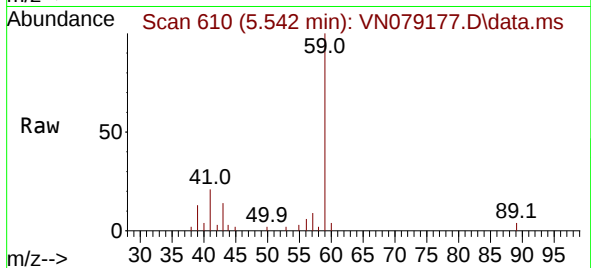
#23
tert-Butyl Alcohol
Concen: 93.296 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.011 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion: 59 Resp: 3520
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

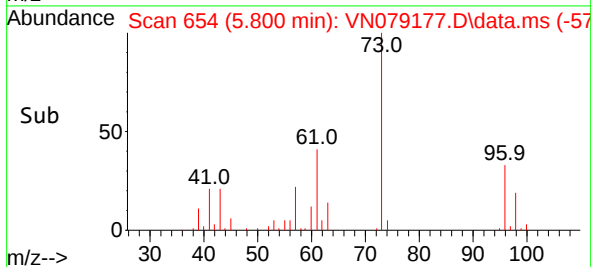
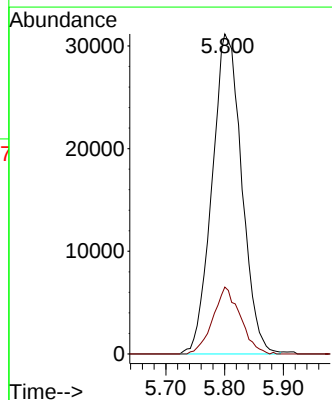
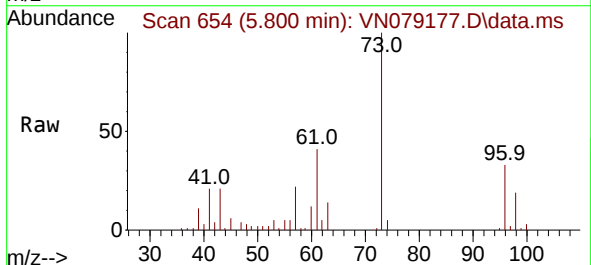
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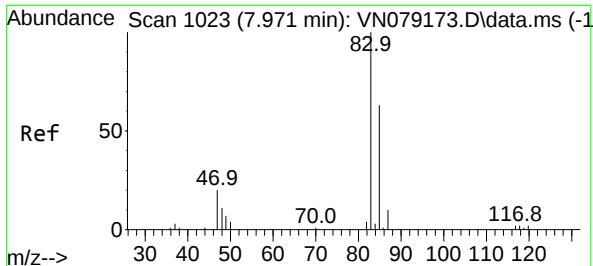
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#24
Methyl tert-Butyl Ether
Concen: 19.299 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Tgt Ion: 73 Resp: 109271
Ion Ratio Lower Upper
73 100
43 19.3 14.7 22.1





#25

Chloroform

Concen: 20.470 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

Tgt Ion: 83 Resp: 99510

Ion Ratio Lower Upper

83 100

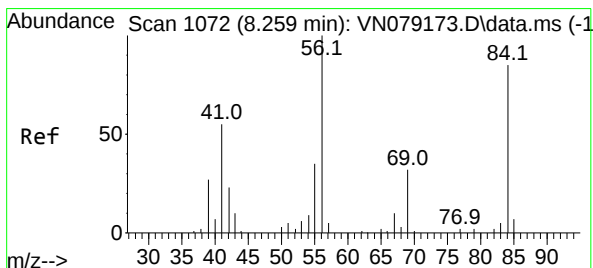
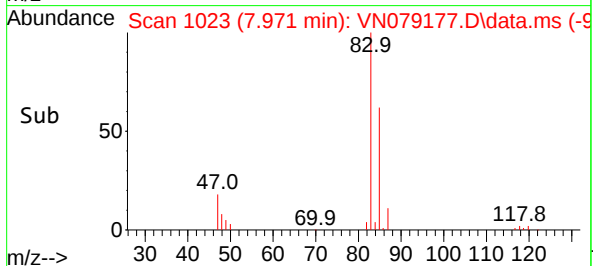
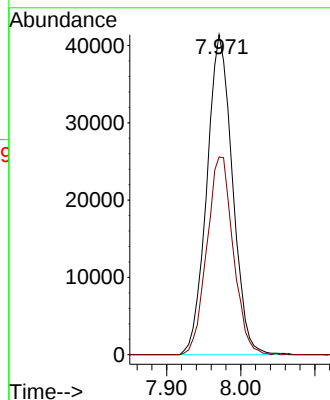
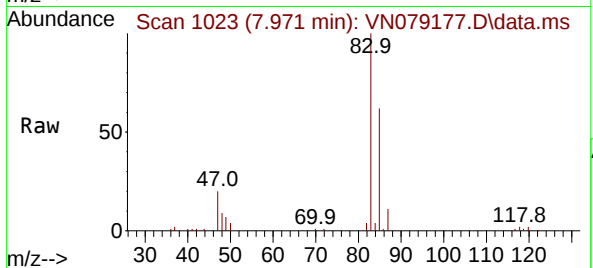
85 61.8 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#26

Cyclohexane

Concen: 19.885 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

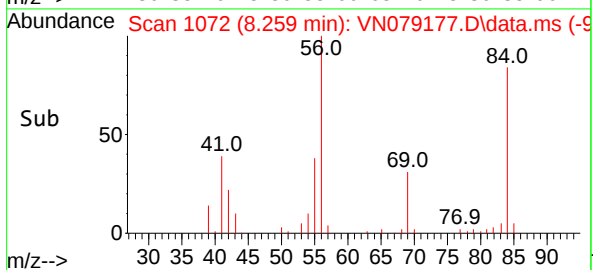
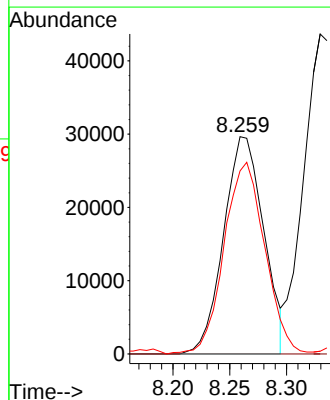
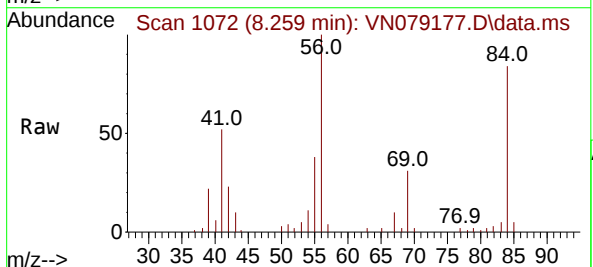
Tgt Ion: 56 Resp: 72698

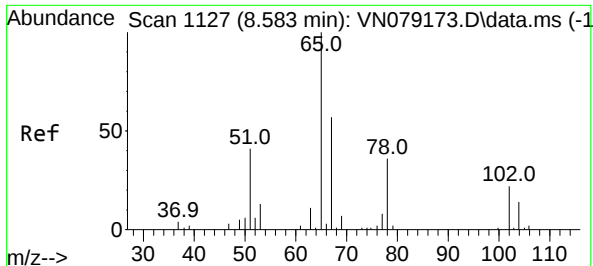
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.8 71.1 106.7





#27

1,2-Dichloroethane-d4

Concen: 29.025 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

Tgt Ion: 65 Resp: 8894

Ion Ratio Lower Upper

65 100

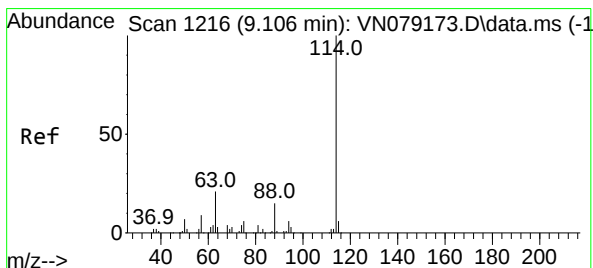
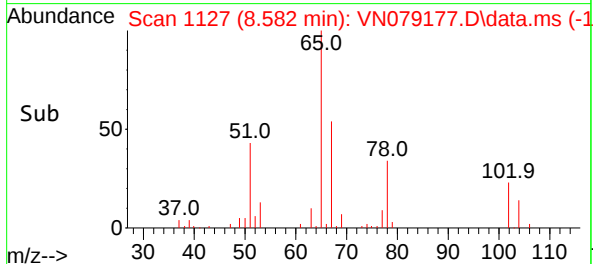
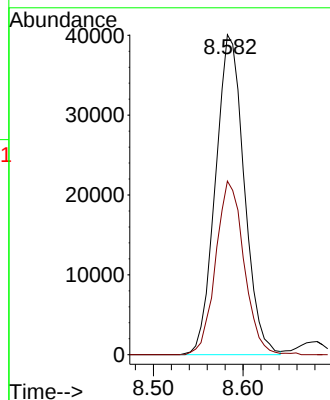
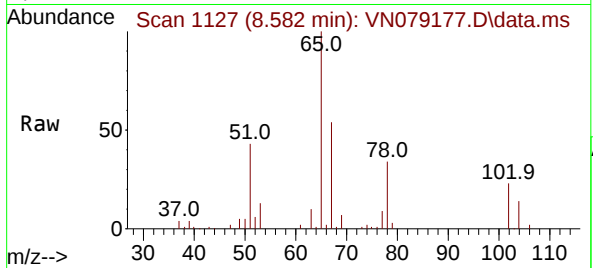
67 53.4 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

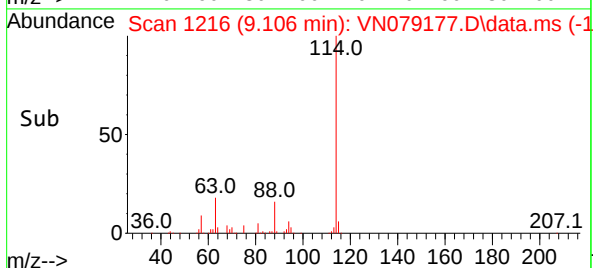
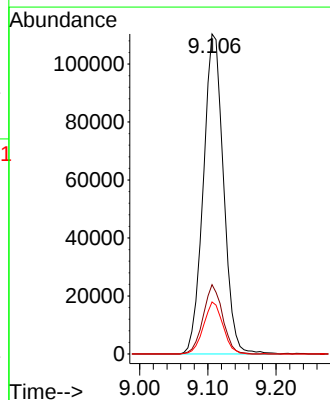
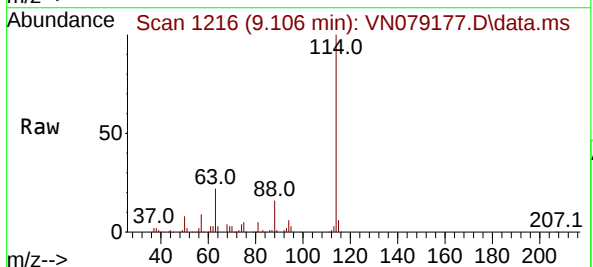
Tgt Ion:114 Resp: 227188

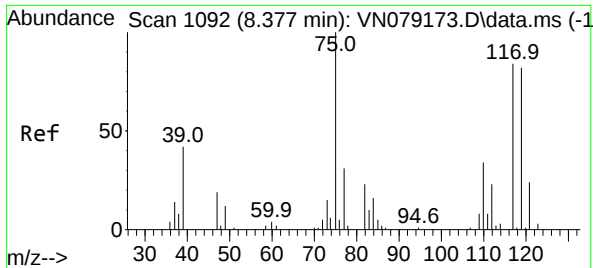
Ion Ratio Lower Upper

114 100

63 20.8 17.0 25.4

88 15.6 12.8 19.2





#29
1,1-Dichloropropene
Concen: 19.649 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

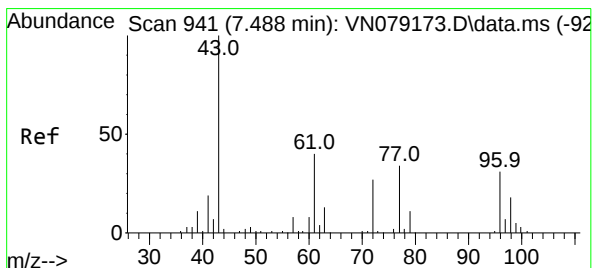
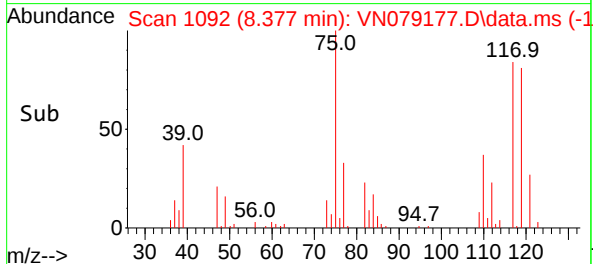
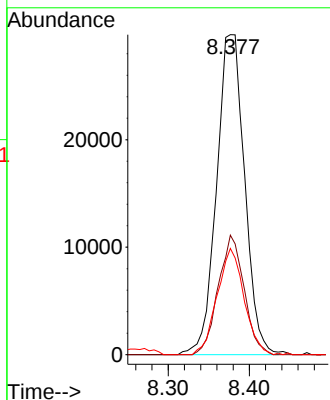
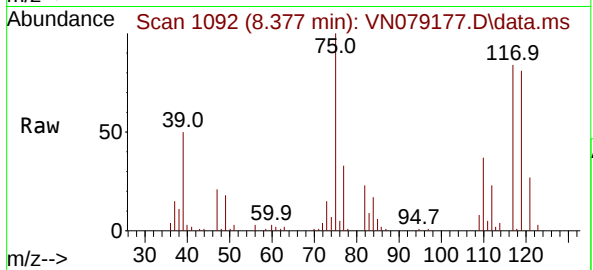
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion: 75 Resp: 71572

Ion	Ratio	Lower	Upper
75	100		
110	34.4	0.0	68.4
77	31.8	0.0	63.2

Manual Integrations
APPROVED

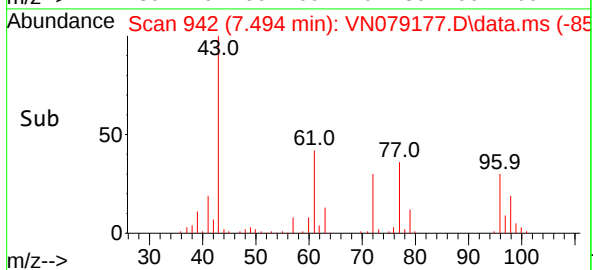
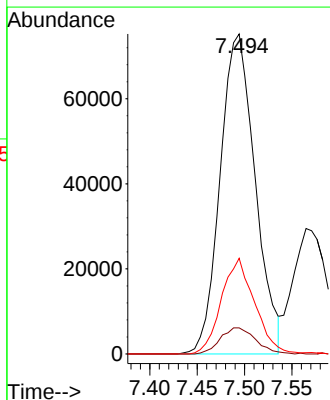
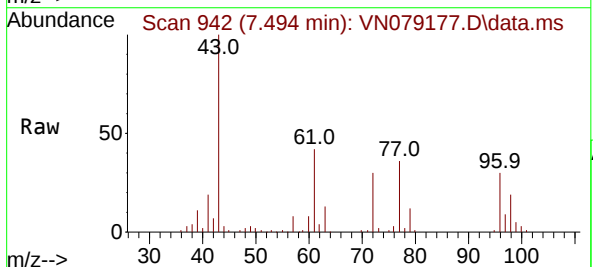
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

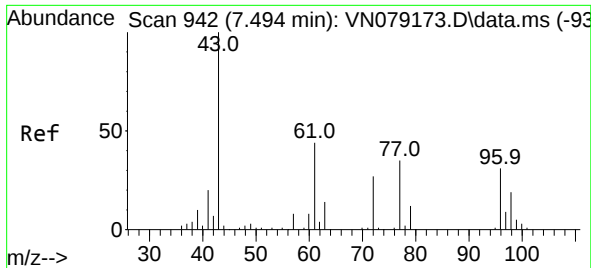


#30
2-Butanone
Concen: 105.728 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Tgt Ion: 43 Resp: 193707

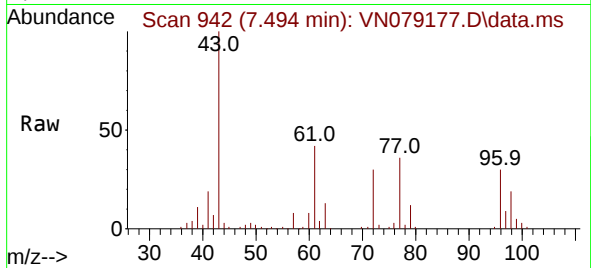
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.8	10.2
72	28.3	22.4	33.6





#31
2,2-Dichloropropane
Concen: 21.786 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

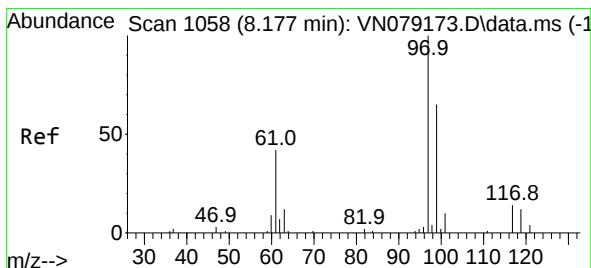
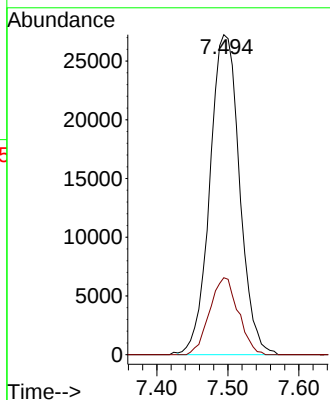
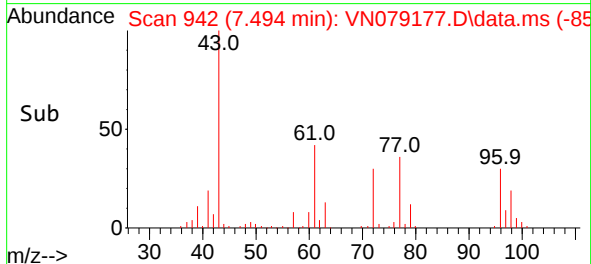
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



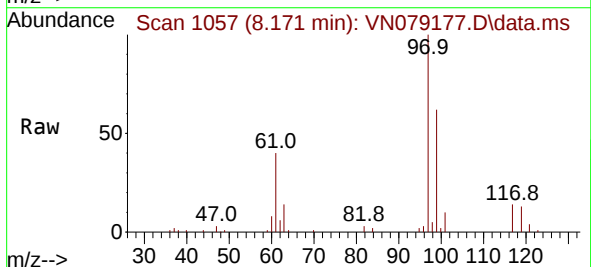
Tgt Ion: 77 Resp: 79154
Ion Ratio Lower Upper
77 100
97 23.2 17.8 26.8

Manual Integrations
APPROVED

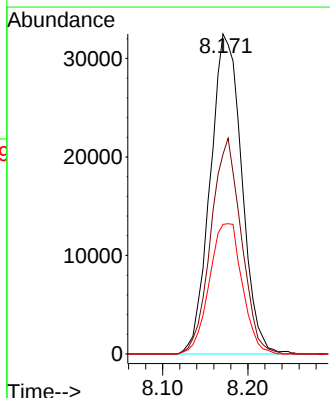
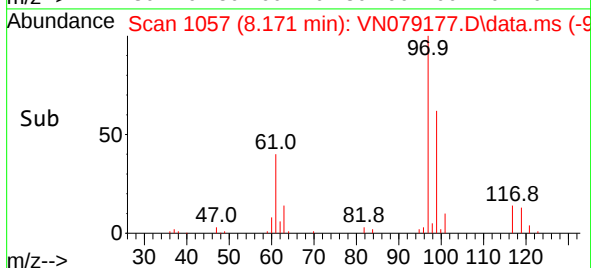
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

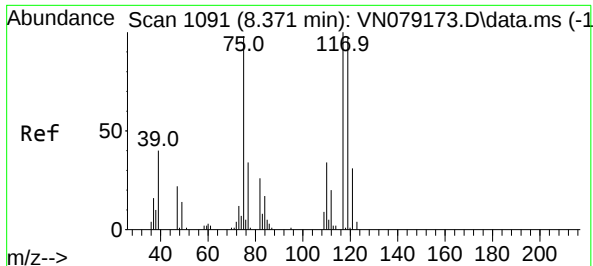


#32
1,1,1-Trichloroethane
Concen: 19.415 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



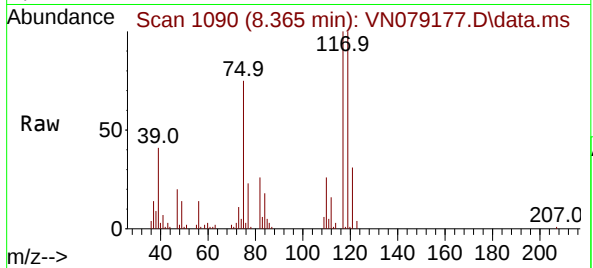
Tgt Ion: 97 Resp: 83317
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 42.5 33.4 50.0





#33
Carbon Tetrachloride
Concen: 19.680 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

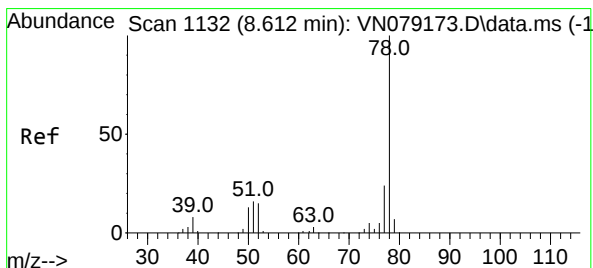
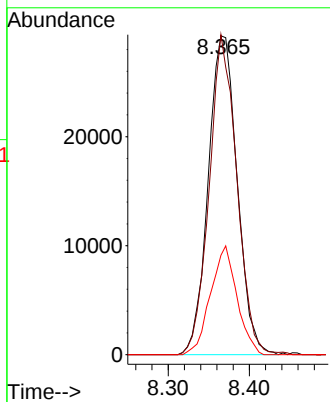
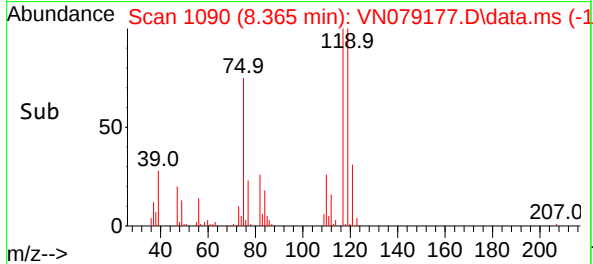
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion:117 Resp: 72540
Ion Ratio Lower Upper
117 100
119 100.3 77.9 116.9
121 31.1 25.1 37.7

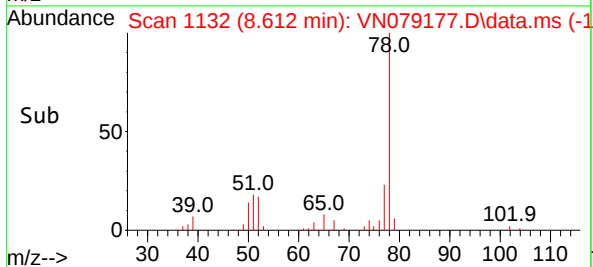
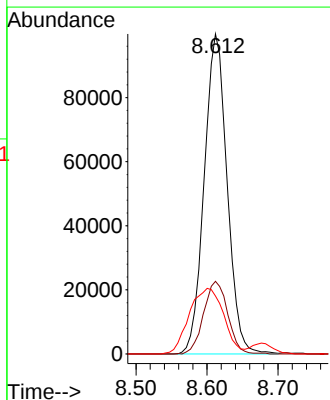
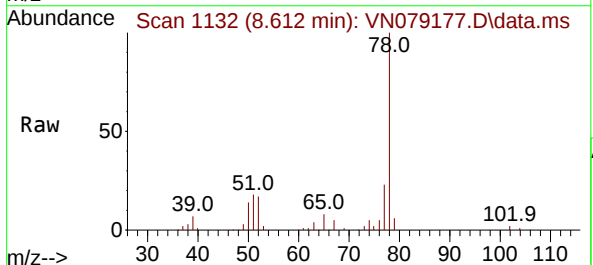
Manual Integrations
APPROVED

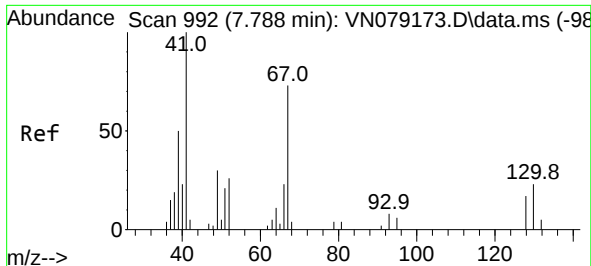
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#34
Benzene
Concen: 19.363 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

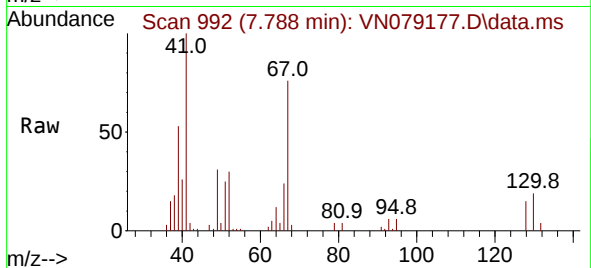
Tgt Ion: 78 Resp: 224083
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3
51 17.1 13.1 19.7





#35
Methacrylonitrile
Concen: 20.528 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

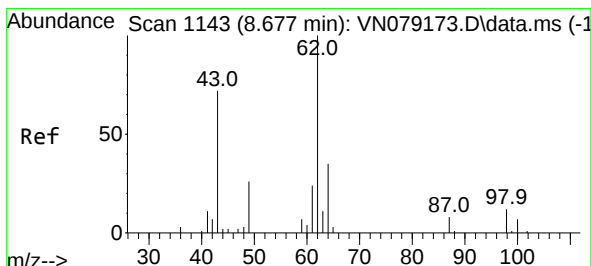
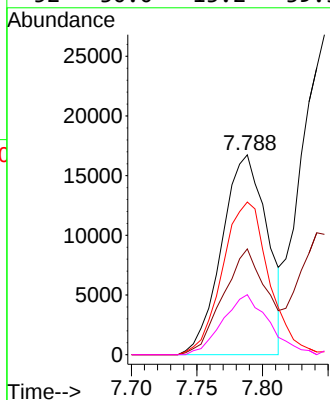
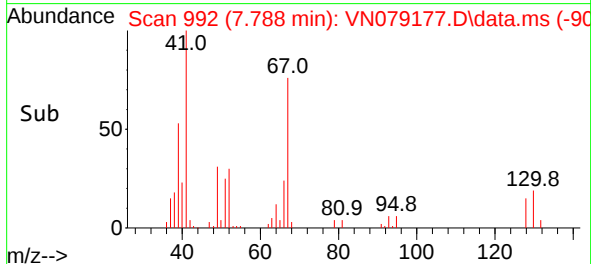
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



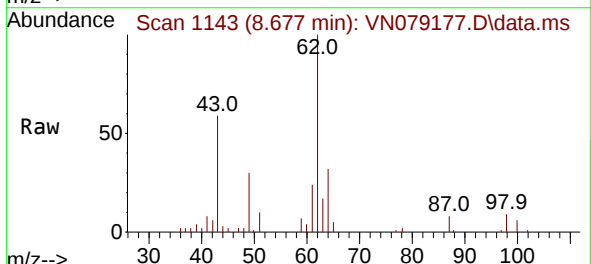
Tgt Ion: 41 Resp: 40495
Ion Ratio Lower Upper
41 100
39 52.9 24.9 74.6
67 76.3 36.7 110.1
52 30.0 13.2 39.5

Manual Integrations
APPROVED

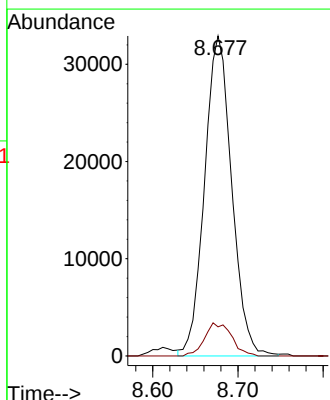
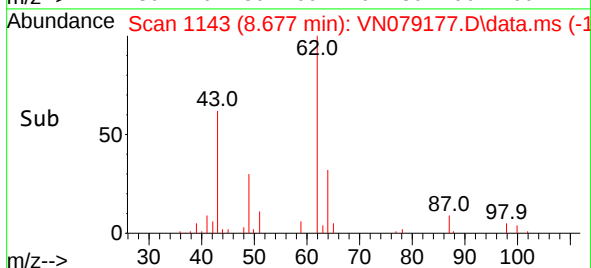
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

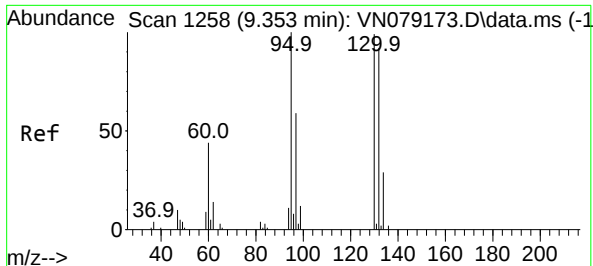


#36
1,2-Dichloroethane
Concen: 19.117 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



Tgt Ion: 62 Resp: 72965
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.2





#37

Trichloroethene

Concen: 19.640 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

Tgt Ion:130 Resp: 53724

Ion Ratio Lower Upper

130 100

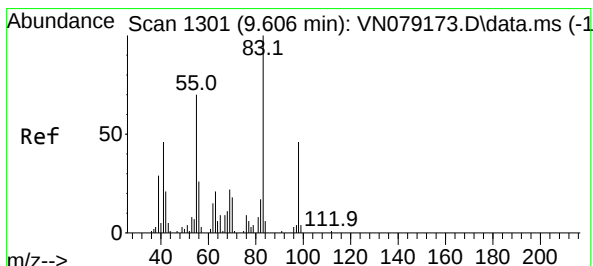
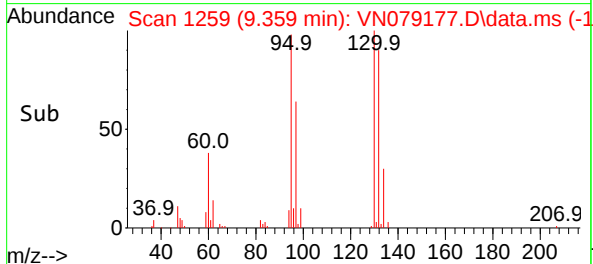
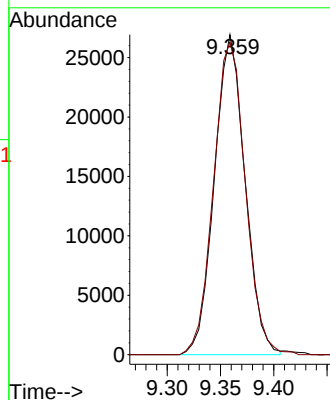
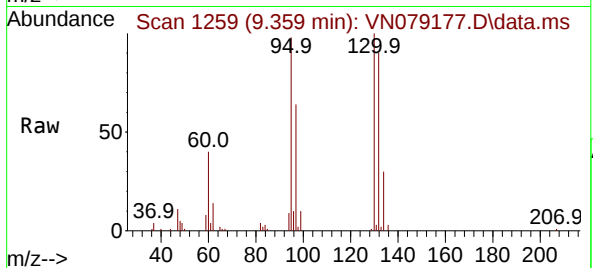
95 97.7 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Methylcyclohexane

Concen: 19.321 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

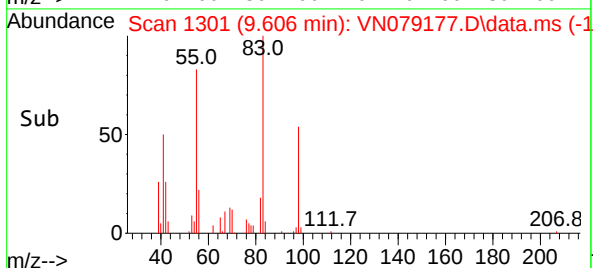
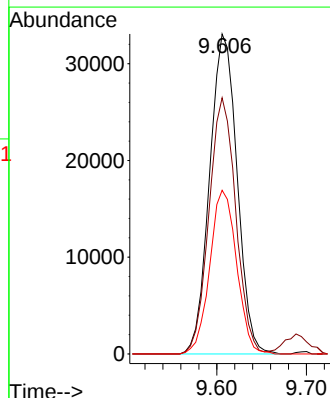
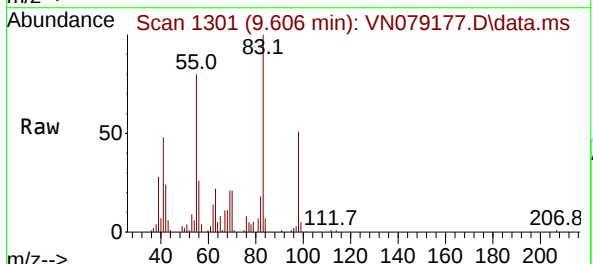
Tgt Ion: 83 Resp: 70356

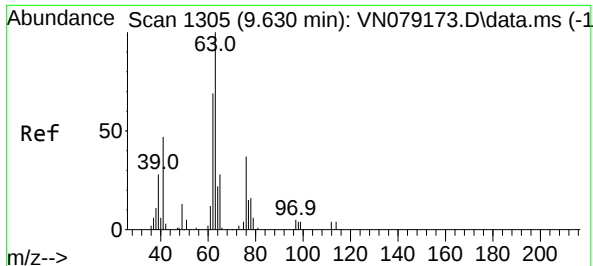
Ion Ratio Lower Upper

83 100

55 78.1 39.1 117.2

98 49.9 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.698 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

Tgt Ion: 63 Resp: 58804

Ion Ratio Lower Upper

63 100

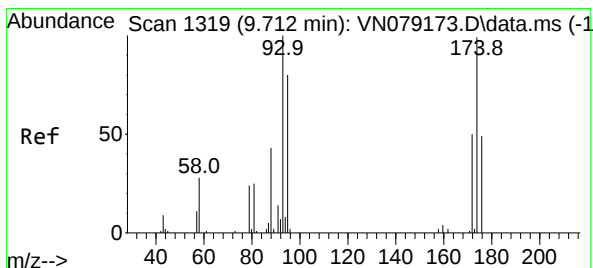
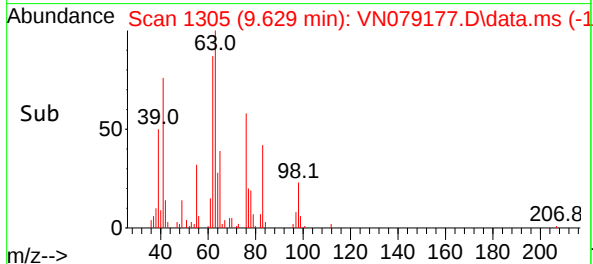
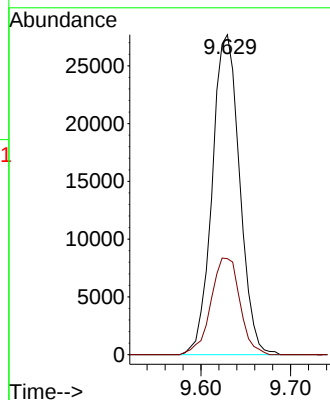
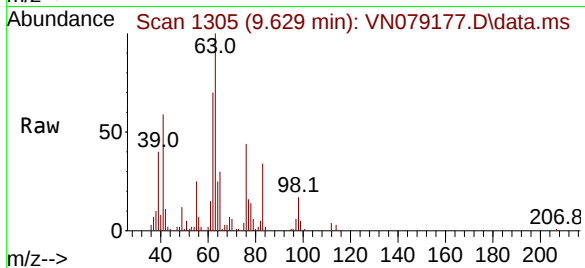
65 30.0 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#40

Dibromomethane

Concen: 19.124 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

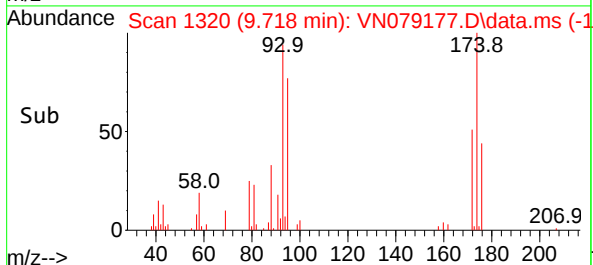
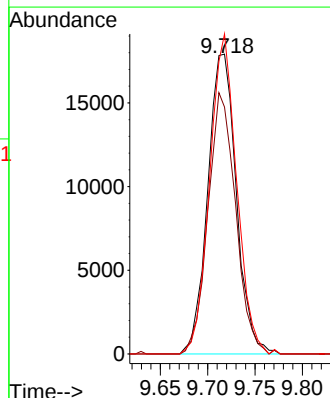
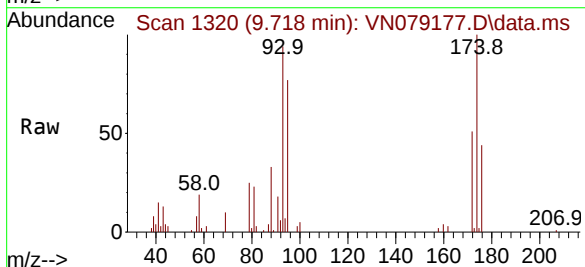
Tgt Ion: 93 Resp: 37649

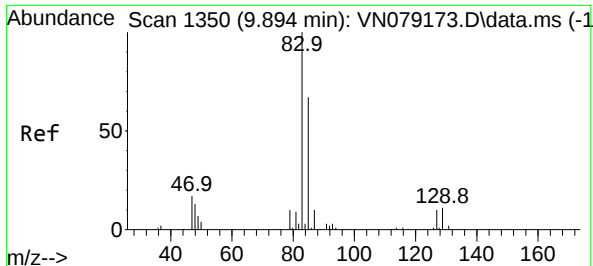
Ion Ratio Lower Upper

93 100

95 84.0 0.0 172.4

174 100.6 0.0 192.4





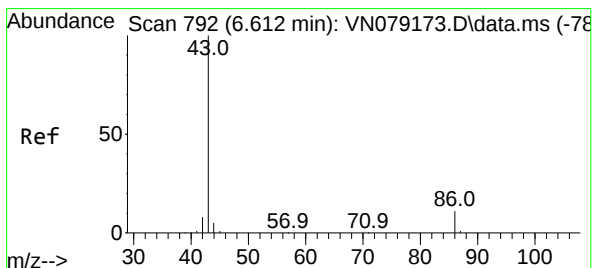
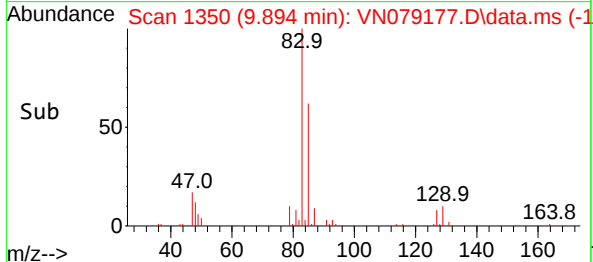
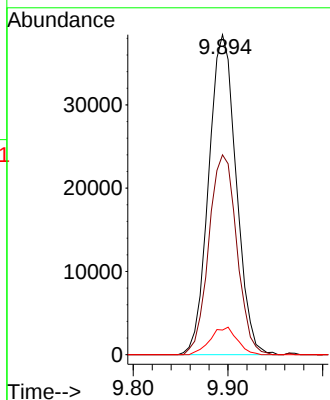
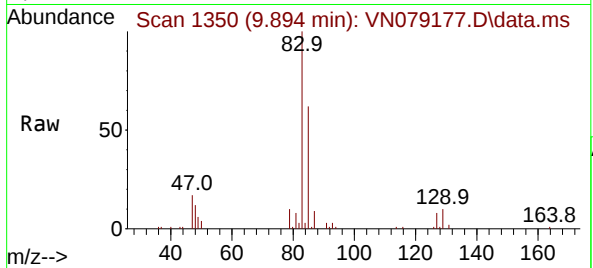
#41
Bromodichloromethane
Concen: 19.710 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion: 83 Resp: 77350
Ion Ratio Lower Upper
83 100
85 62.4 53.4 80.2
127 7.7 8.3 12.5

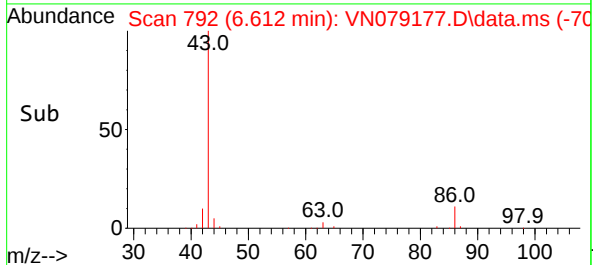
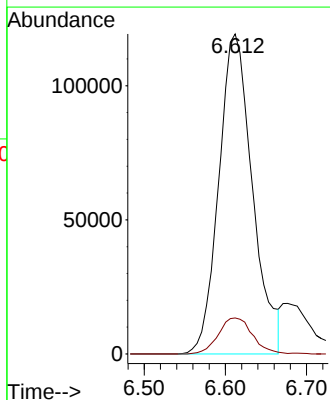
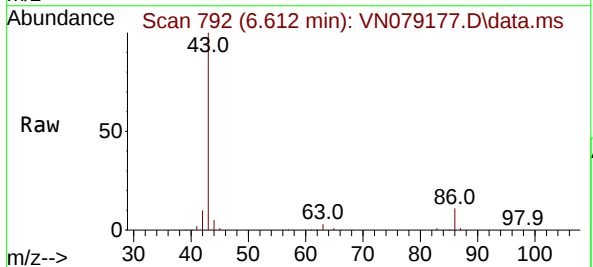
Manual Integrations
APPROVED

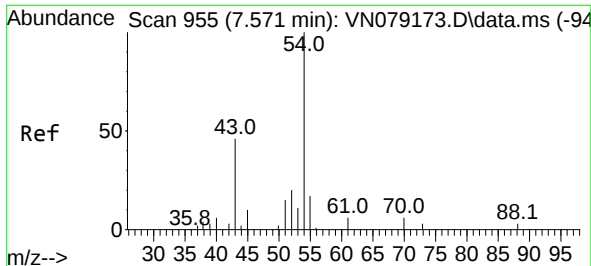
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
Vinyl Acetate
Concen: 79.126 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

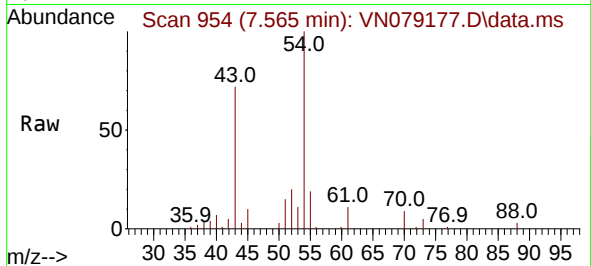
Tgt Ion: 43 Resp: 344283
Ion Ratio Lower Upper
43 100
86 11.3 9.2 13.8





#43
Ethyl Acetate
Concen: 22.671 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

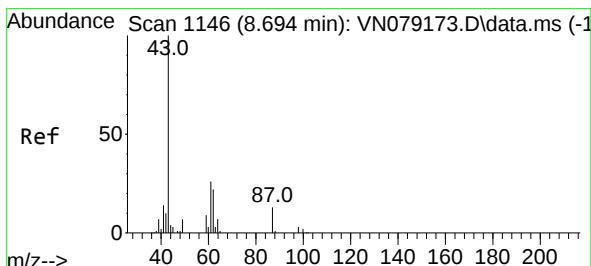
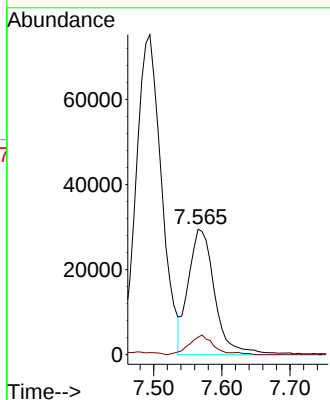
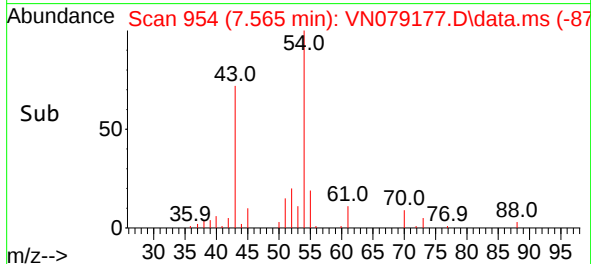
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



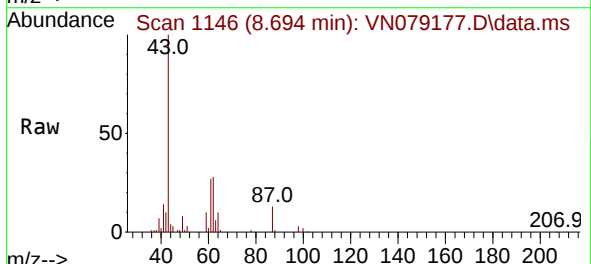
Tgt Ion: 43 Resp: 7888
Ion Ratio Lower Upper
43 100
45 14.0 11.1 16.7

Manual Integrations
APPROVED

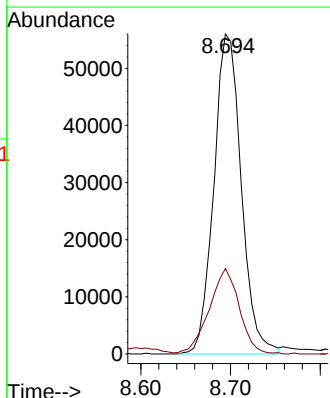
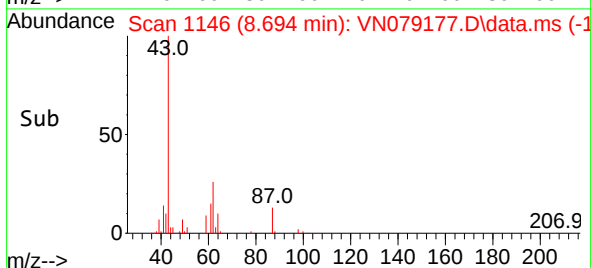
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

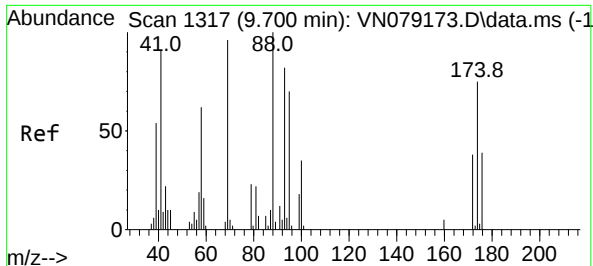


#44
Isopropyl Acetate
Concen: 19.027 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



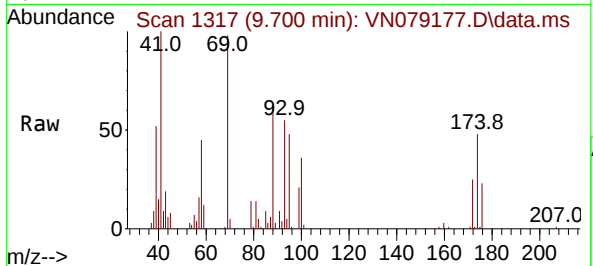
Tgt Ion: 43 Resp: 119093
Ion Ratio Lower Upper
43 100
61 29.2 22.6 33.8





#45
1,4-Dioxane
Concen: 394.687 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

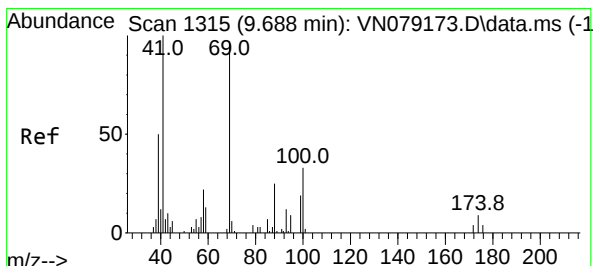
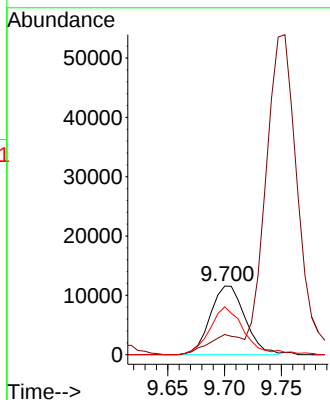
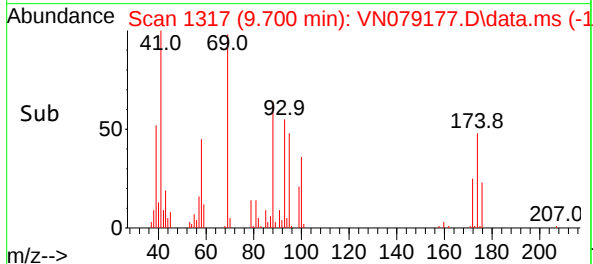
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion: 88 Resp: 2459
Ion Ratio Lower Upper
88 100
43 29.1 19.9 29.9
58 66.4 58.0 87.0

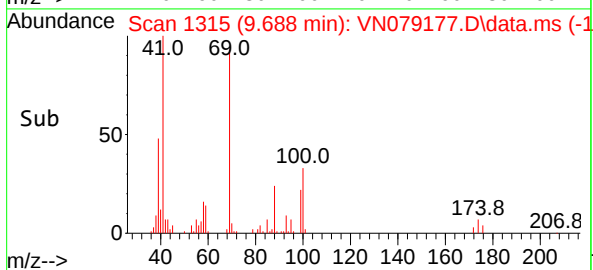
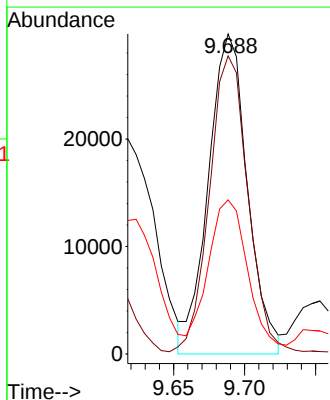
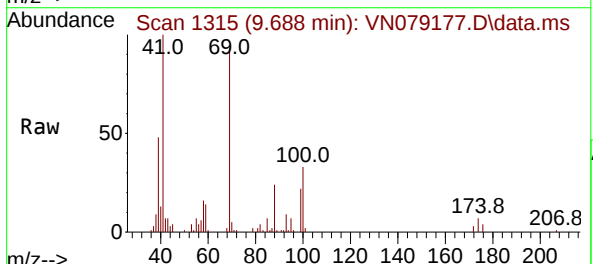
Manual Integrations
APPROVED

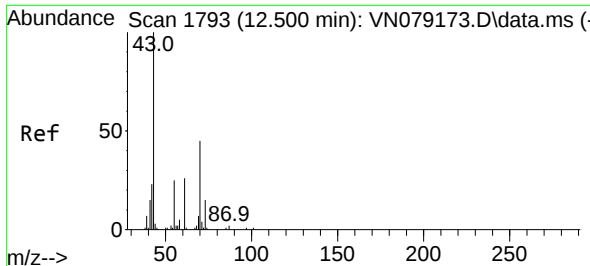
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#46
Methyl methacrylate
Concen: 20.382 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

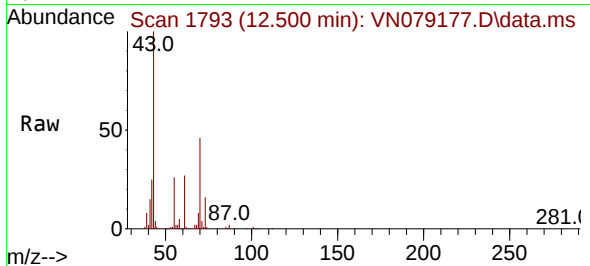
Tgt Ion: 41 Resp: 56999
Ion Ratio Lower Upper
41 100
69 96.7 48.1 144.3
39 47.8 25.8 77.3





#47
n-amy1 Acetate
Concen: 21.027 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

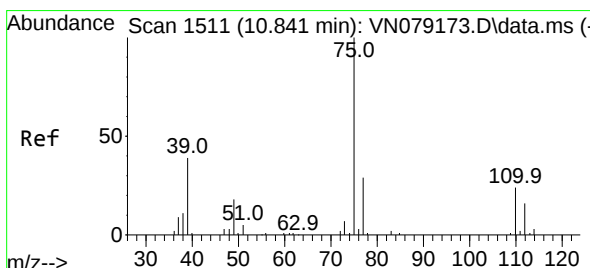
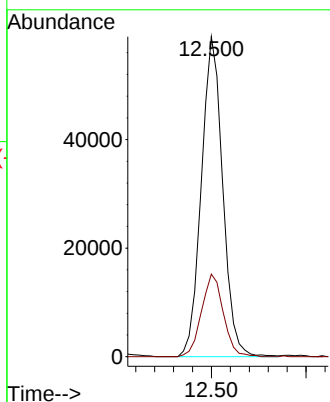
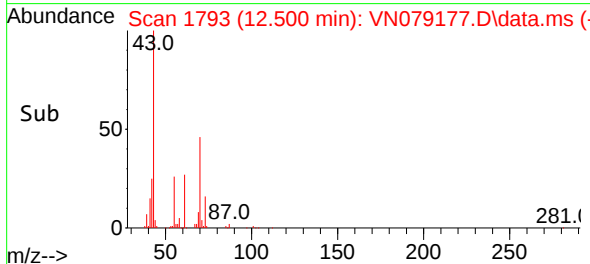
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion: 43 Resp: 92562
Ion Ratio Lower Upper
43 100
55 26.3 20.5 30.7

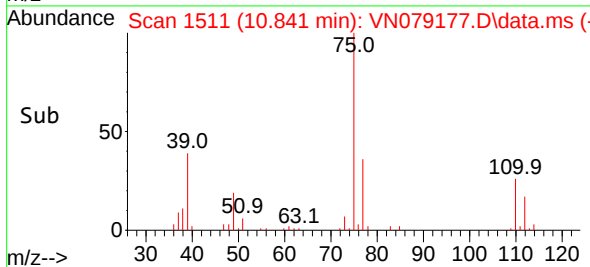
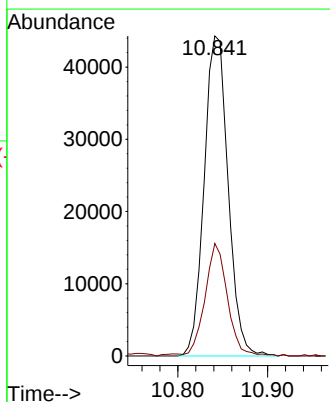
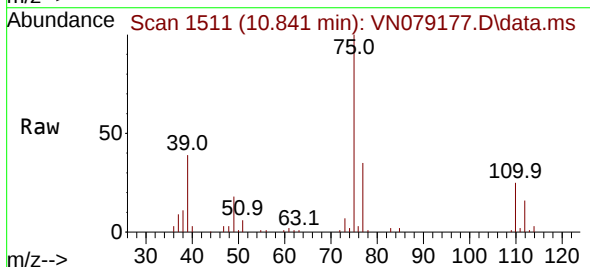
Manual Integrations
APPROVED

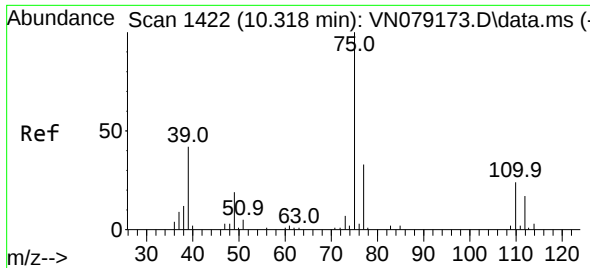
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#48
t-1,3-Dichloropropene
Concen: 19.384 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

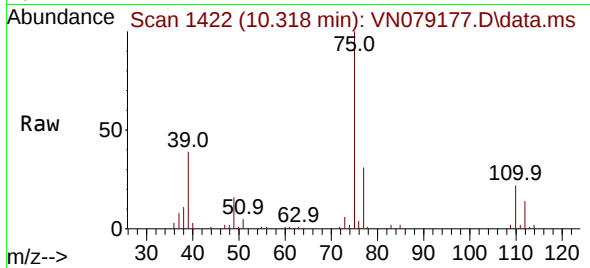
Tgt Ion: 75 Resp: 82301
Ion Ratio Lower Upper
75 100
77 35.2 22.9 34.3#





#49
cis-1,3-Dichloropropene
Concen: 20.615 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

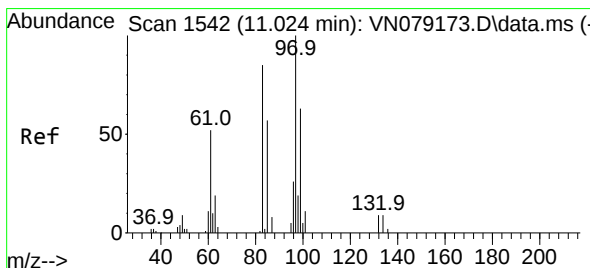
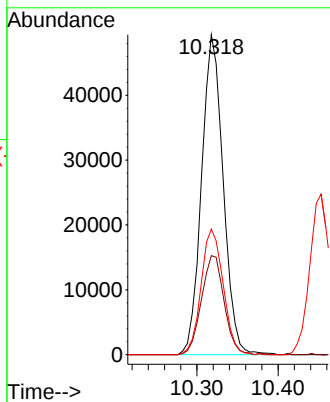
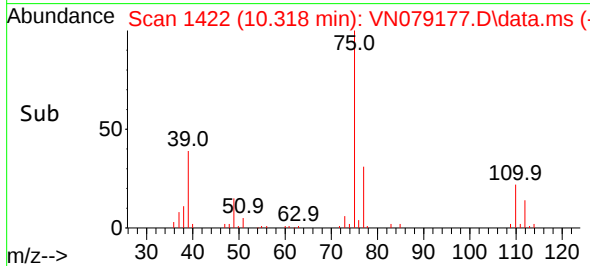
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion: 75 Resp: 91297
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.2
39 39.3 33.8 50.8

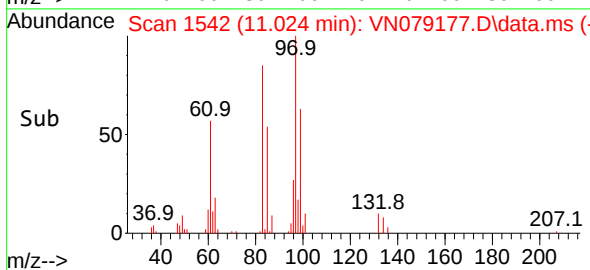
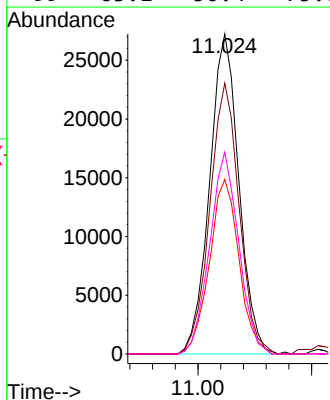
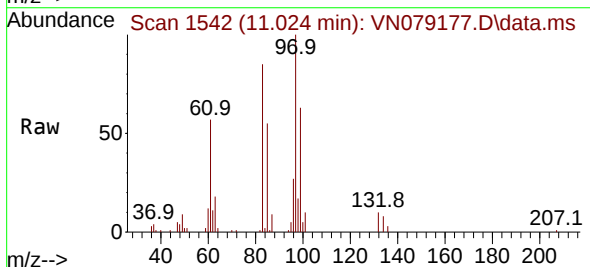
Manual Integrations
APPROVED

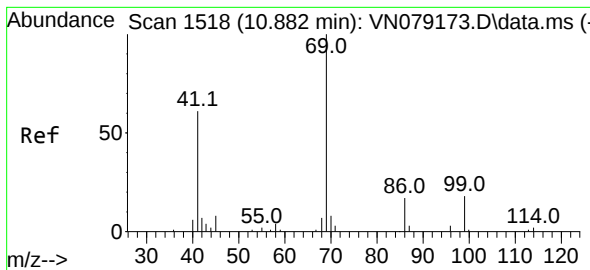
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#50
1,1,2-Trichloroethane
Concen: 17.646 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

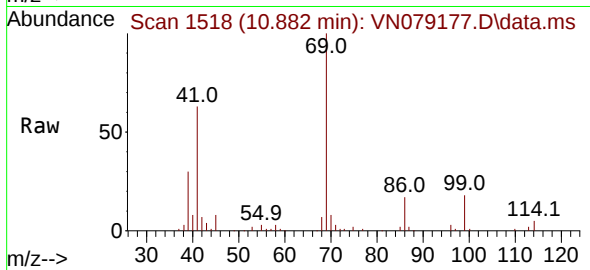
Tgt Ion: 97 Resp: 48736
Ion Ratio Lower Upper
97 100
83 84.6 68.9 103.3
85 54.5 45.3 67.9
99 63.1 50.4 75.6





#51
Ethyl methacrylate
Concen: 19.614 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

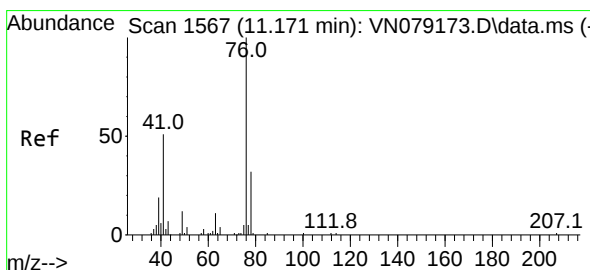
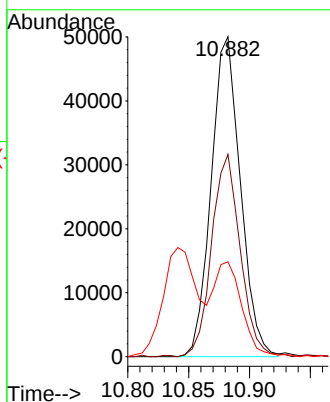
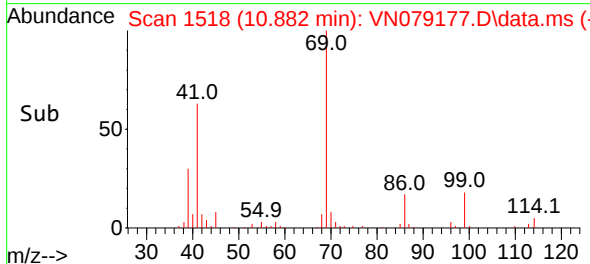
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



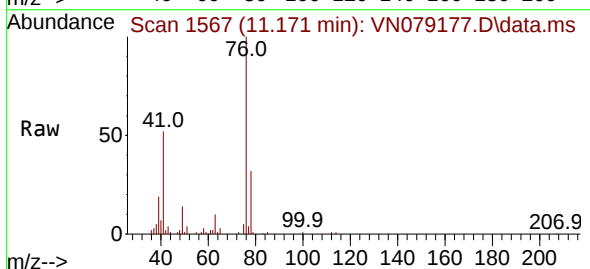
Tgt Ion: 69 Resp: 83659
Ion Ratio Lower Upper
69 100
41 63.2 30.3 90.9
39 29.2 13.4 40.1

Manual Integrations
APPROVED

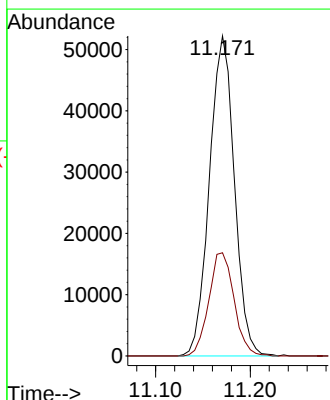
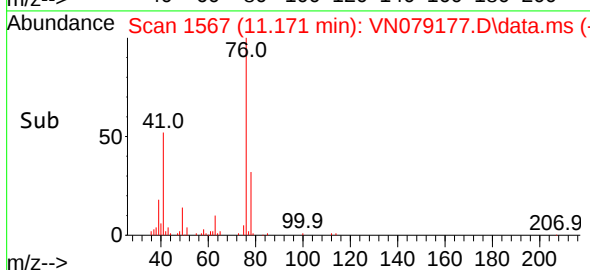
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

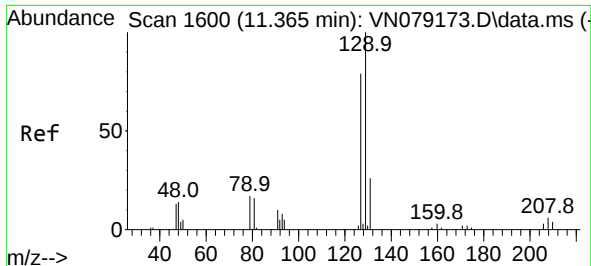


#52
1,3-Dichloropropane
Concen: 20.280 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



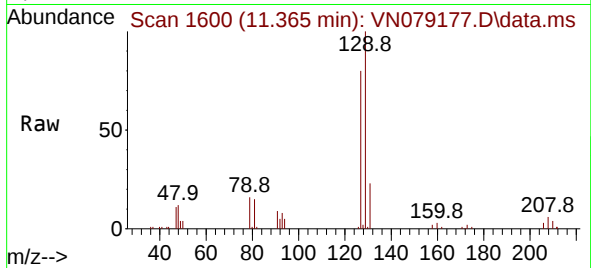
Tgt Ion: 76 Resp: 95619
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.2





#53
Dibromochloromethane
Concen: 19.906 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

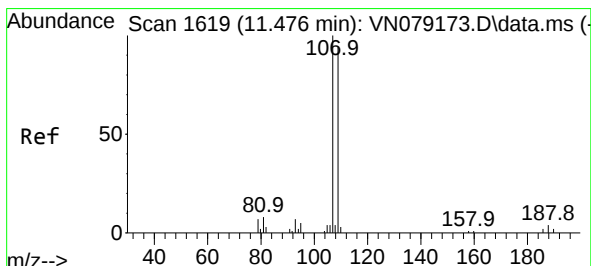
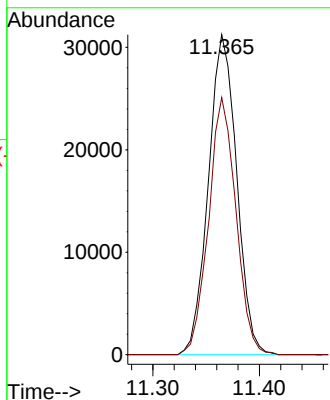
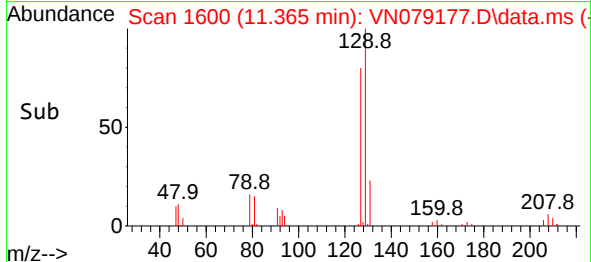
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



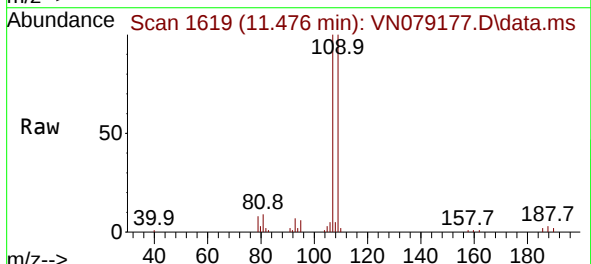
Tgt Ion:129 Resp: 57662
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

Manual Integrations
APPROVED

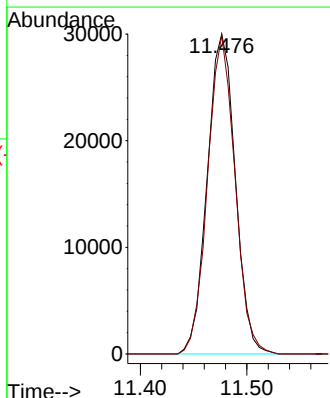
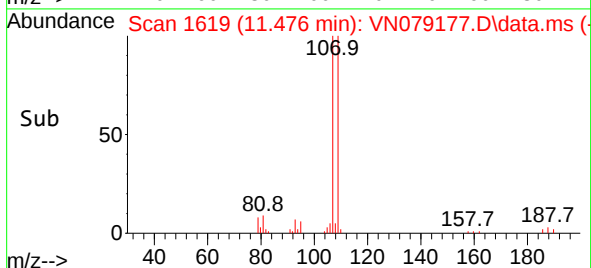
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

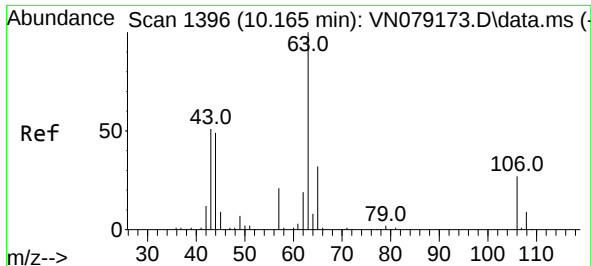


#54
1,2-Dibromoethane
Concen: 19.569 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



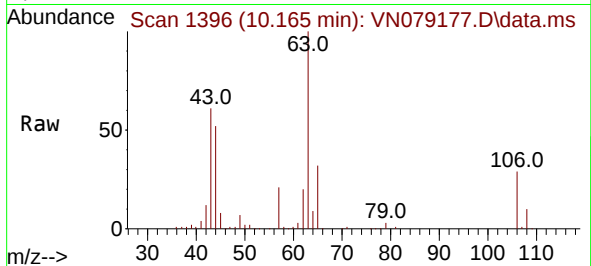
Tgt Ion:107 Resp: 54881
Ion Ratio Lower Upper
107 100
109 97.0 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 110.440 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

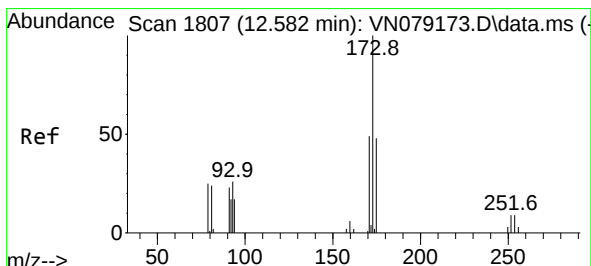
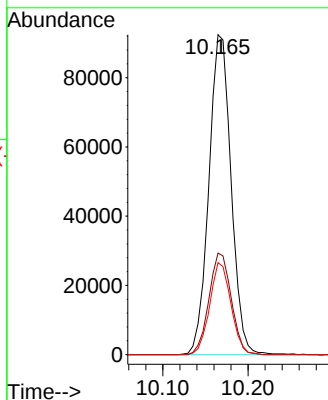
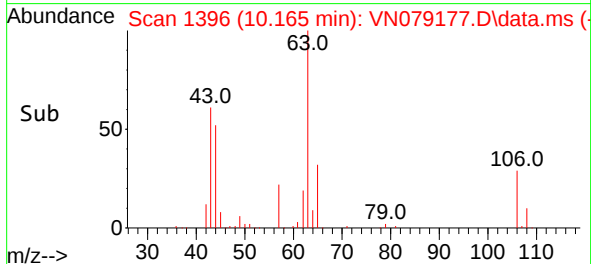
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion: 63 Resp: 167378
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 27.6 21.9 32.9

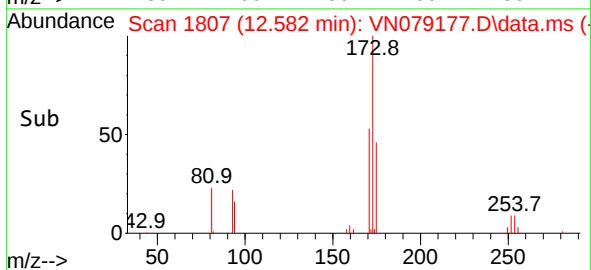
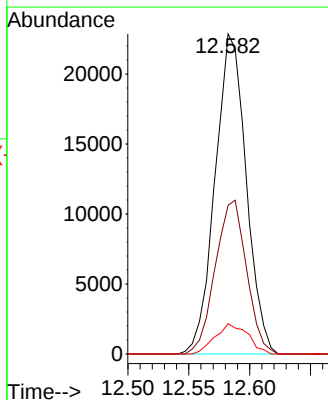
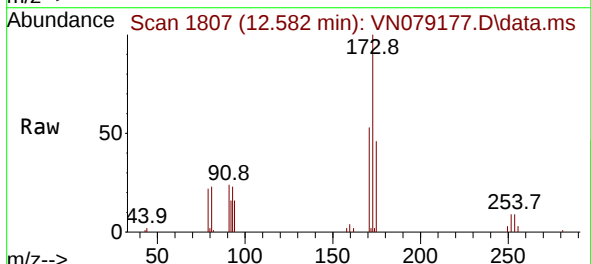
Manual Integrations
APPROVED

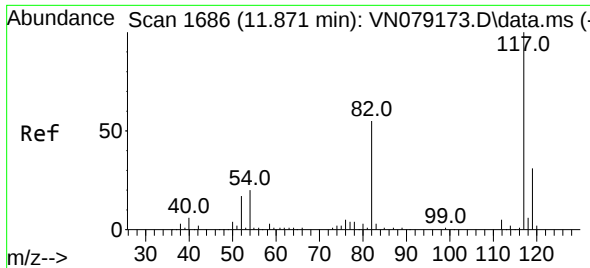
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Bromoform
Concen: 20.137 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Tgt Ion:173 Resp: 40645
Ion Ratio Lower Upper
173 100
175 48.3 37.6 56.4
254 9.9 7.8 11.8





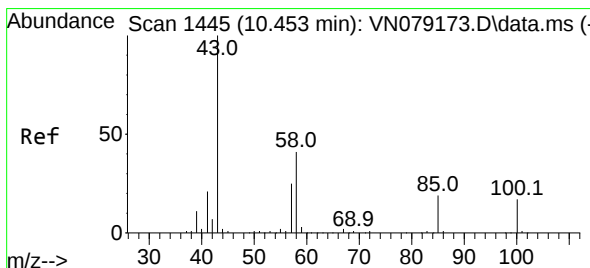
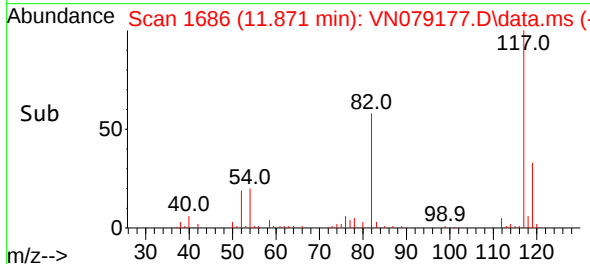
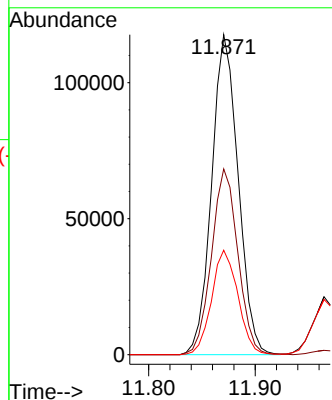
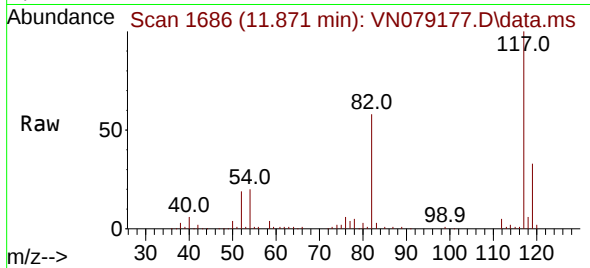
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion:117 Resp: 20334
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 32.5 24.9 37.3

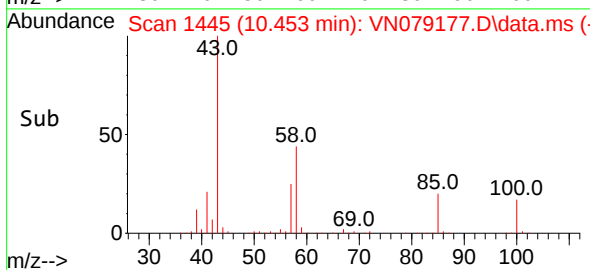
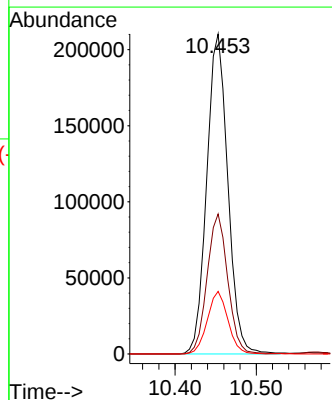
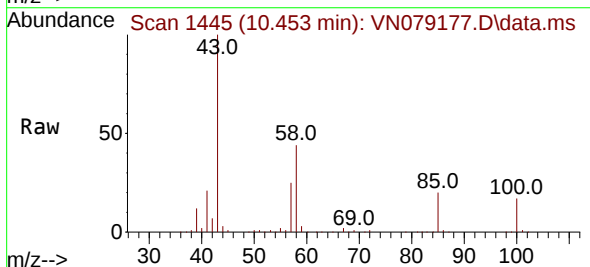
Manual Integrations
APPROVED

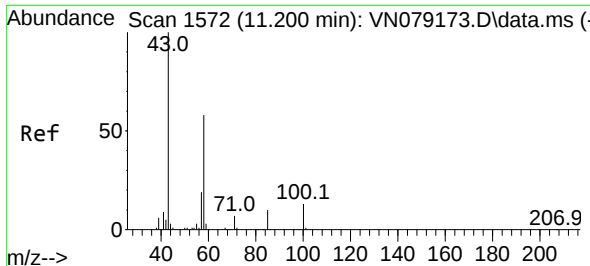
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#58
4-Methyl-2-Pentanone
Concen: 101.642 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

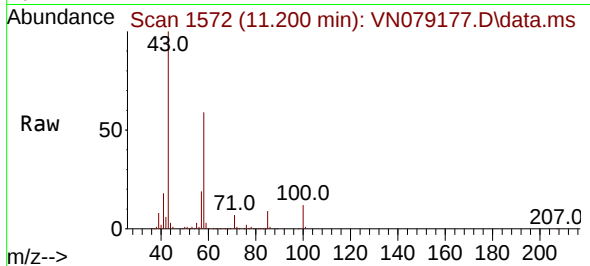
Tgt Ion: 43 Resp: 379282
Ion Ratio Lower Upper
43 100
58 42.9 33.6 50.4
85 19.1 15.0 22.4





#59
2-Hexanone
Concen: 107.004 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

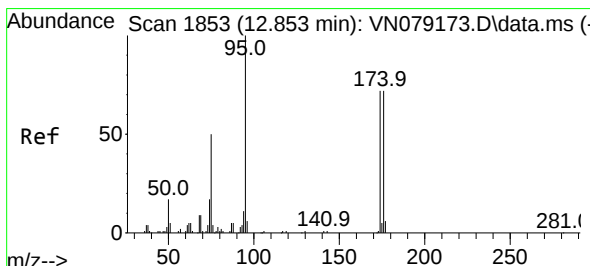
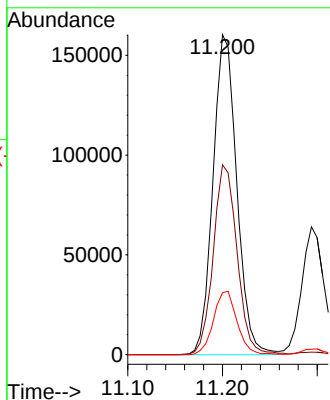
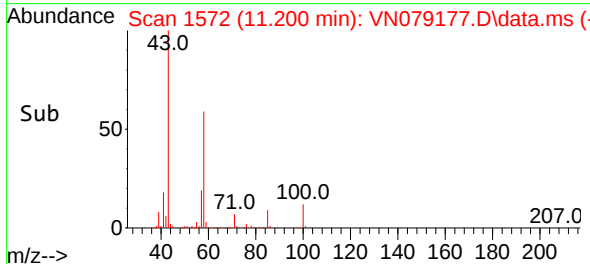
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion: 43 Resp: 28041
Ion Ratio Lower Upper
43 100
58 59.3 46.4 69.6
57 19.5 15.3 22.9

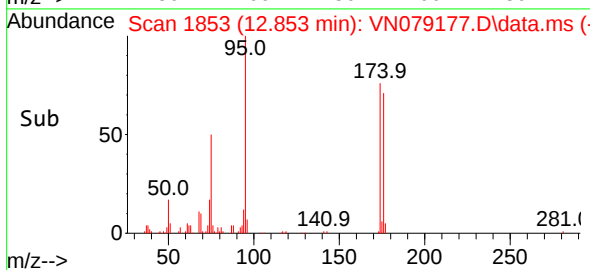
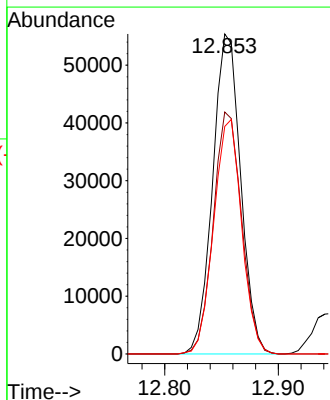
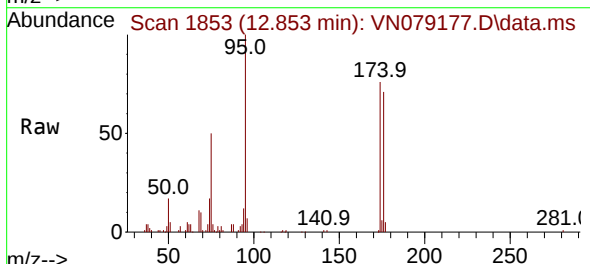
Manual Integrations
APPROVED

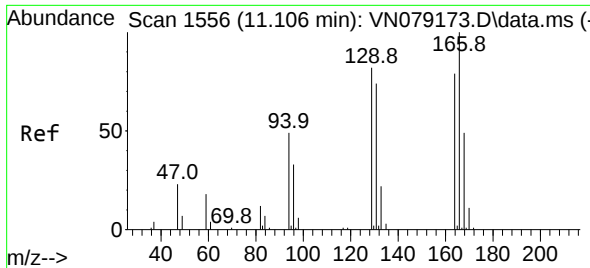
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#60
4-Bromofluorobenzene
Concen: 31.693 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

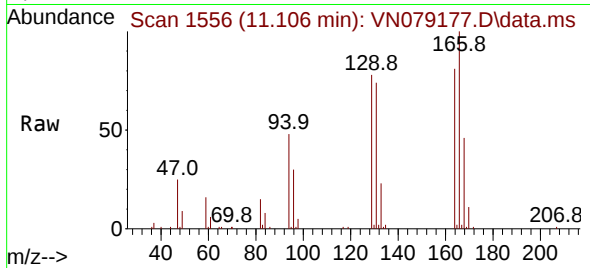
Tgt Ion: 95 Resp: 94958
Ion Ratio Lower Upper
95 100
174 76.5 59.5 89.3
176 73.3 59.1 88.7





#61
Tetrachloroethene
Concen: 20.708 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

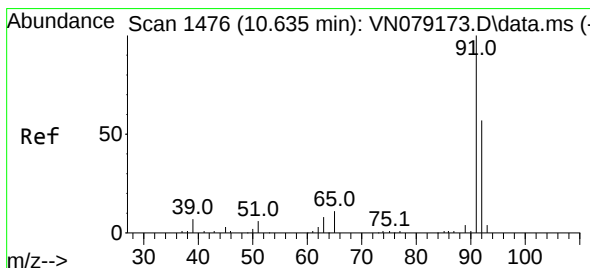
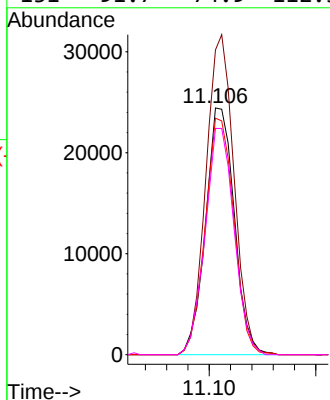
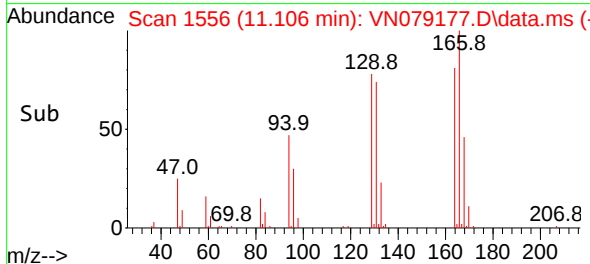
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



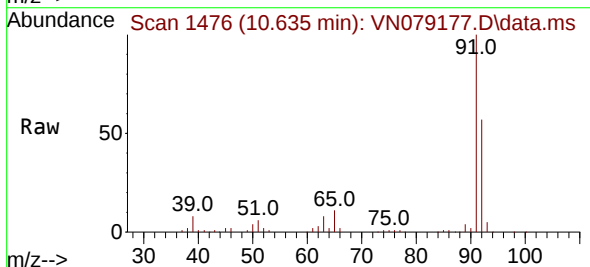
Tgt Ion:164 Resp: 45819
Ion Ratio Lower Upper
164 100
166 123.5 101.9 152.9
129 95.8 83.4 125.0
131 91.7 74.9 112.3

Manual Integrations
APPROVED

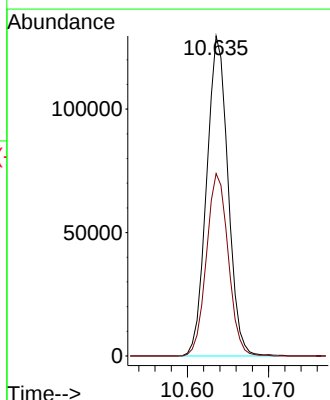
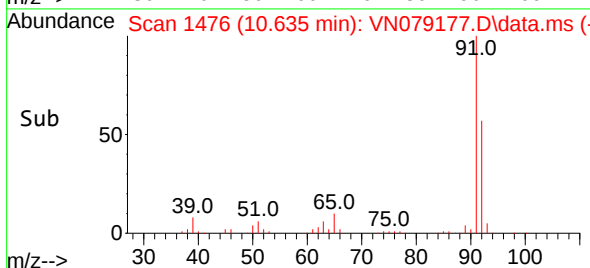
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

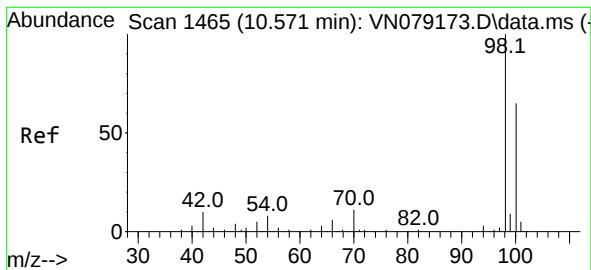


#62
Toluene
Concen: 19.997 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



Tgt Ion: 91 Resp: 236767
Ion Ratio Lower Upper
91 100
92 58.2 45.7 68.5





#63

Toluene-d8

Concen: 29.930 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

Tgt Ion: 98 Resp: 284429

Ion Ratio Lower Upper

98 100

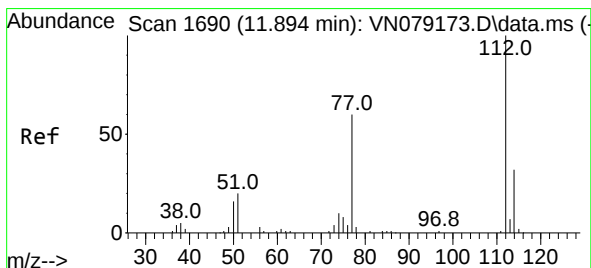
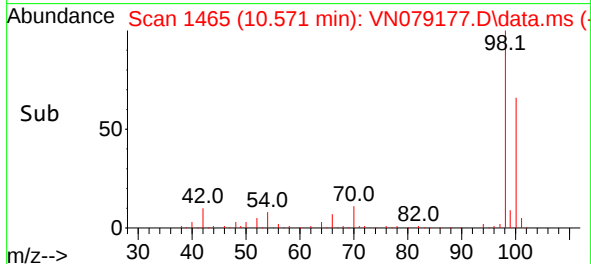
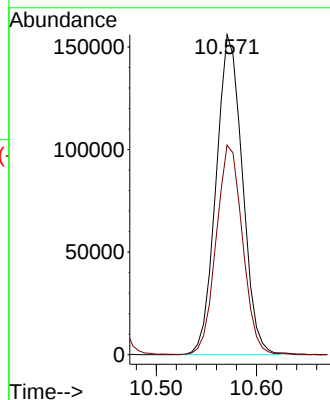
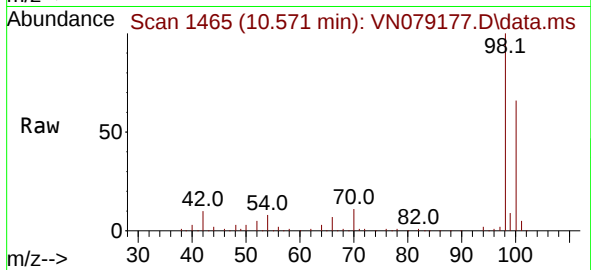
100 65.7 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#64

Chlorobenzene

Concen: 19.898 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.006 min

Lab File: VN079177.D

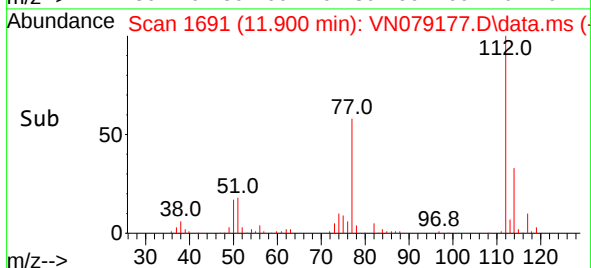
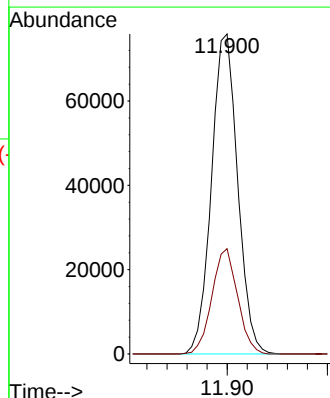
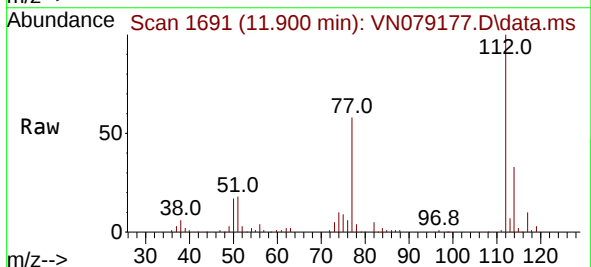
Acq: 07 Sep 2023 16:08

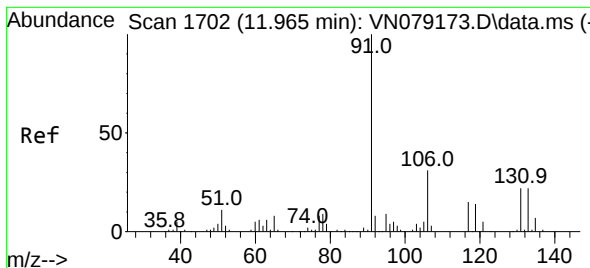
Tgt Ion:112 Resp: 137436

Ion Ratio Lower Upper

112 100

114 32.9 25.6 38.4





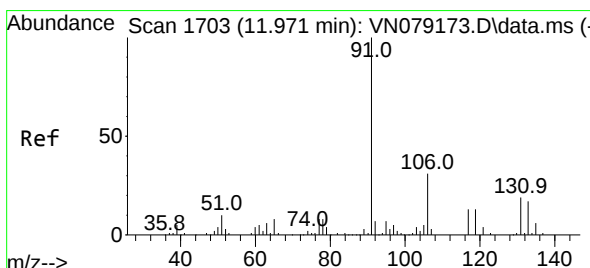
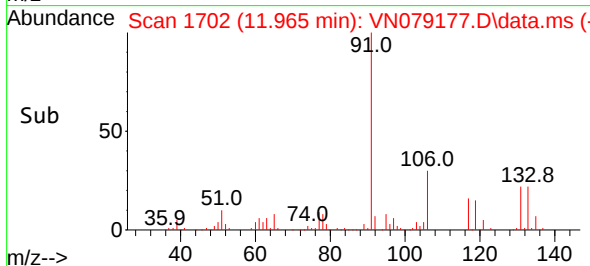
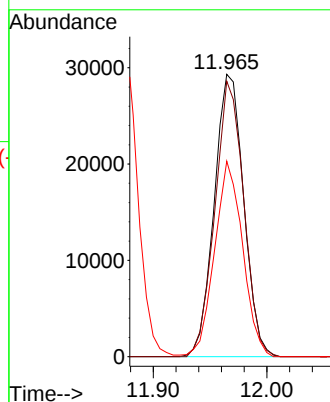
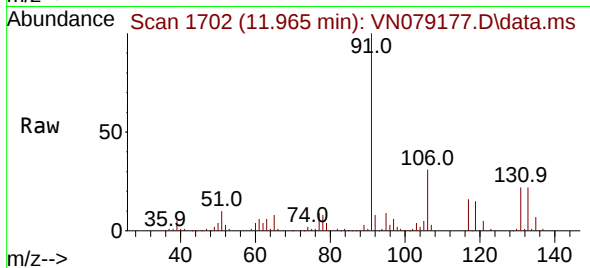
#65
1,1,1,2-Tetrachloroethane
Concen: 19.968 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion:131 Resp: 5280
Ion Ratio Lower Upper
131 100
133 95.3 0.0 193.0
119 66.1 0.0 131.2

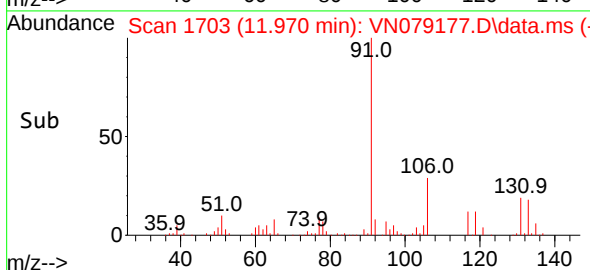
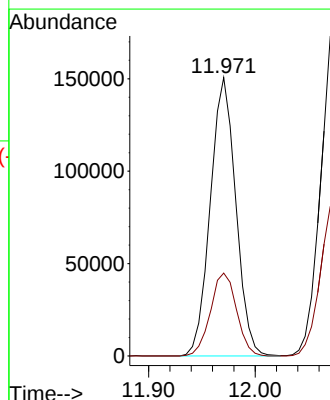
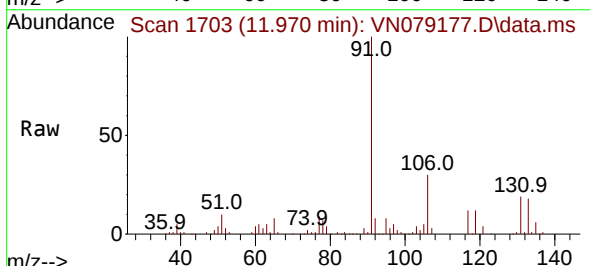
Manual Integrations
APPROVED

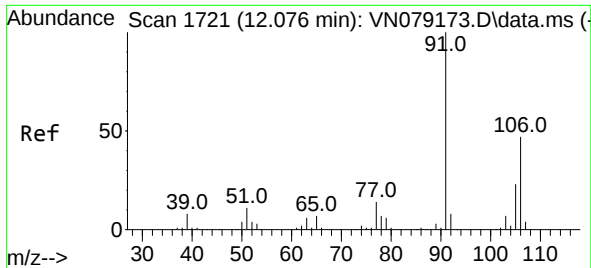
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#66
Ethyl Benzene
Concen: 20.979 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Tgt Ion: 91 Resp: 250092
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.6





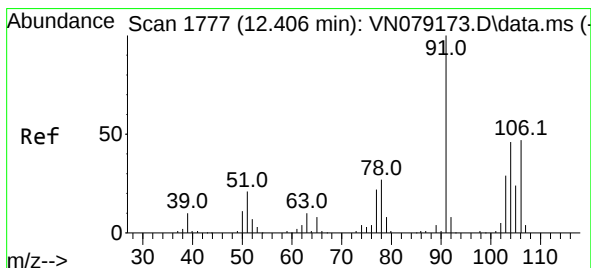
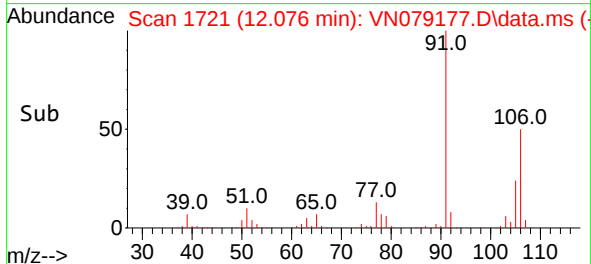
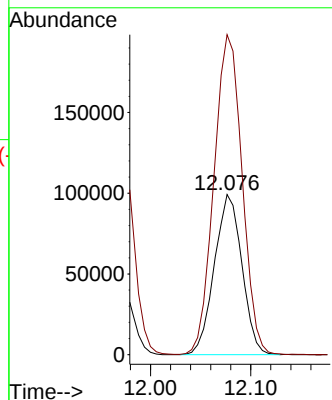
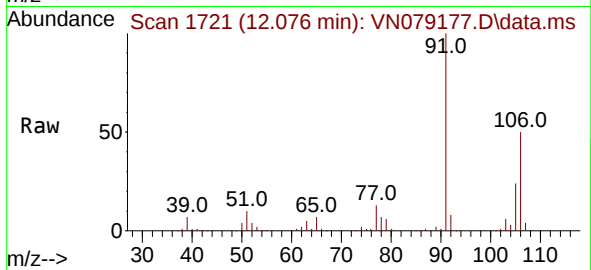
#67
m/p-Xylenes
Concen: 42.182 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion:106 Resp: 18921
Ion Ratio Lower Upper
106 100
91 204.6 165.2 247.8

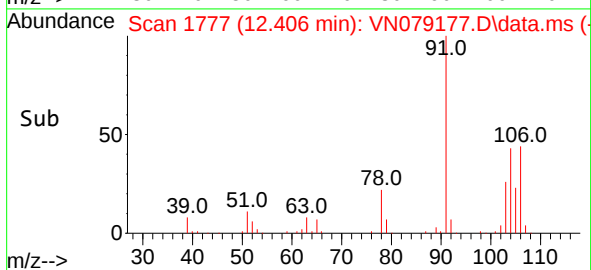
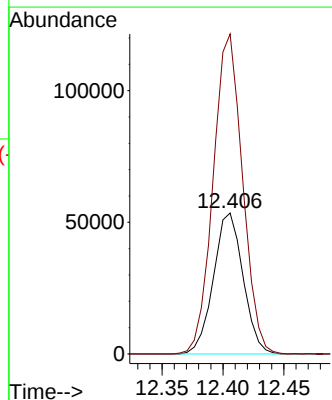
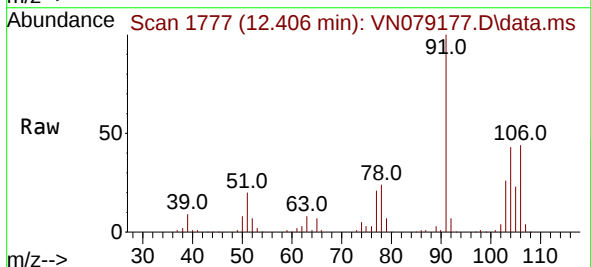
Manual Integrations
APPROVED

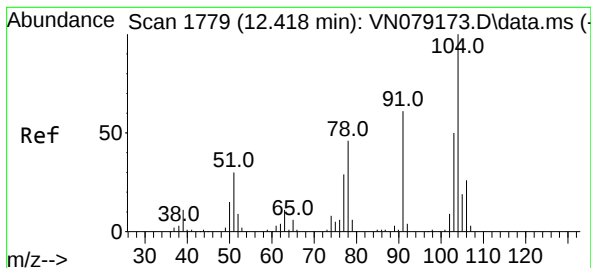
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#68
o-Xylene
Concen: 20.928 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Tgt Ion:106 Resp: 90532
Ion Ratio Lower Upper
106 100
91 225.0 109.7 329.1





#69

Styrene

Concen: 22.203 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

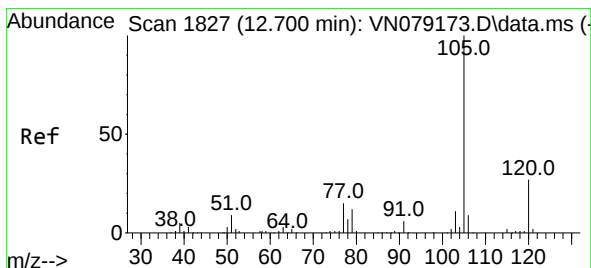
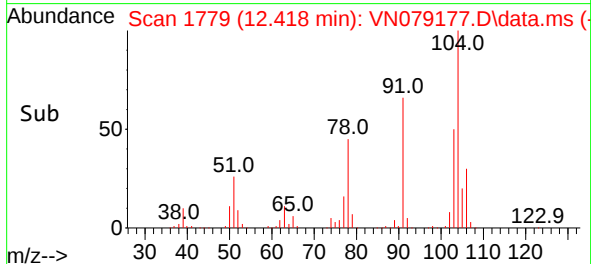
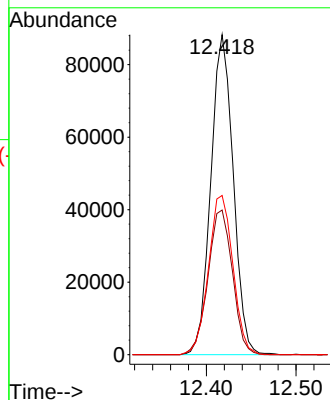
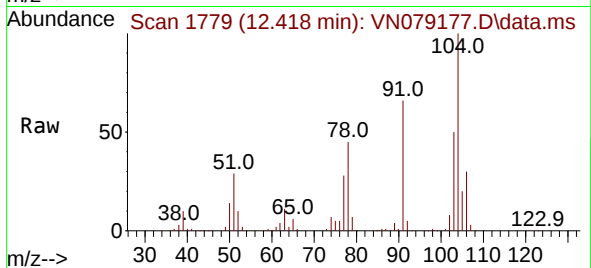
Tgt Ion:104 Resp: 153194
 Ion Ratio Lower Upper
 104 100
 78 49.3 40.5 60.7
 103 54.4 43.3 64.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#70

Isopropylbenzene

Concen: 20.773 ug/l

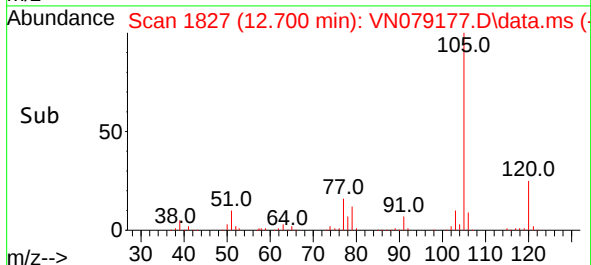
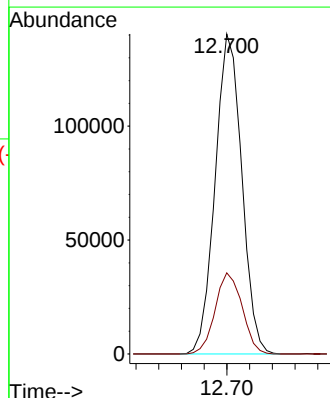
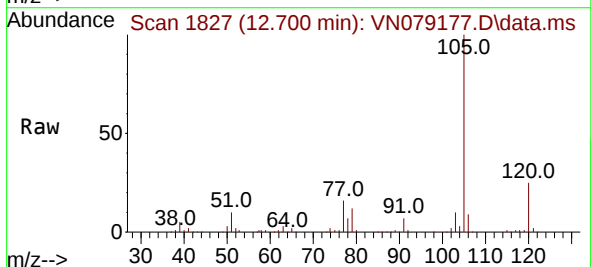
RT: 12.700 min Scan# 1827

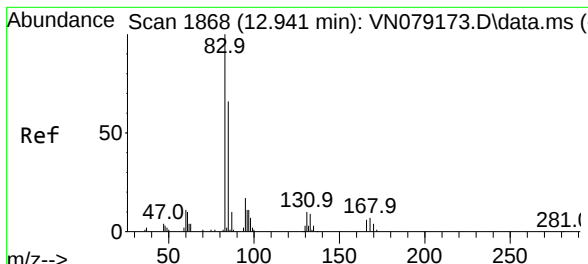
Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

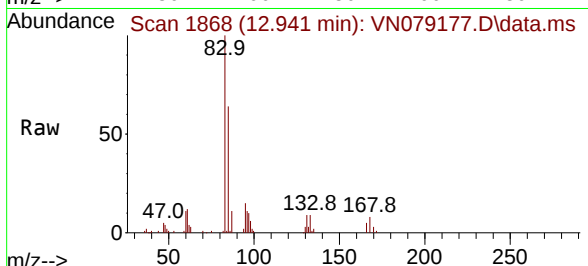
Tgt Ion:105 Resp: 228420
 Ion Ratio Lower Upper
 105 100
 120 25.7 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.313 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

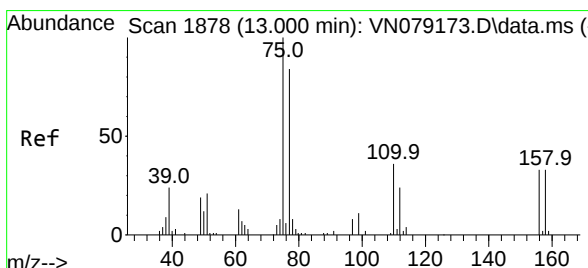
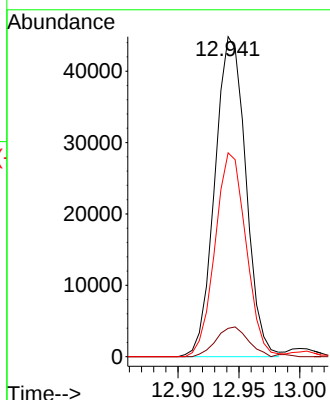
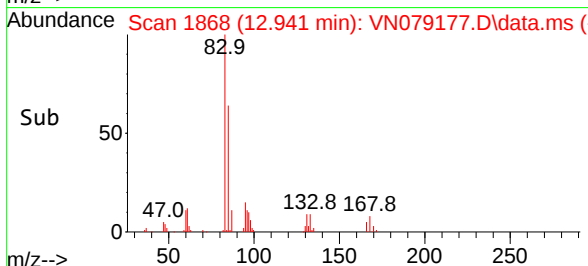
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion: 83 Resp: 79440
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 63.7 33.1 99.3

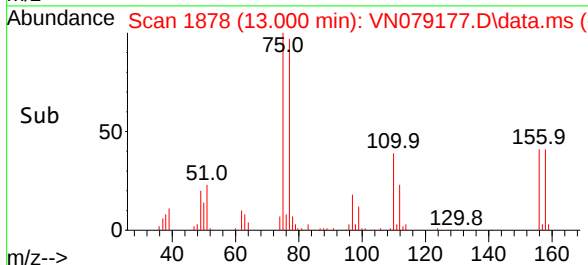
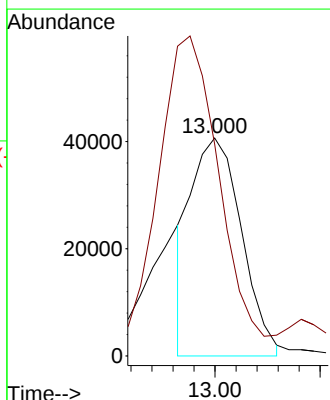
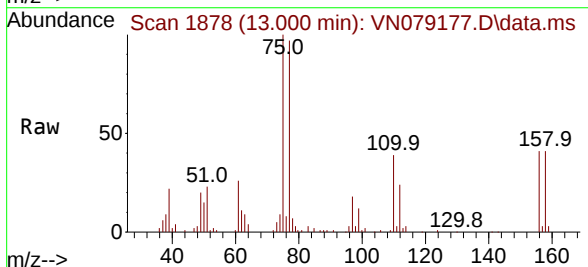
Manual Integrations
APPROVED

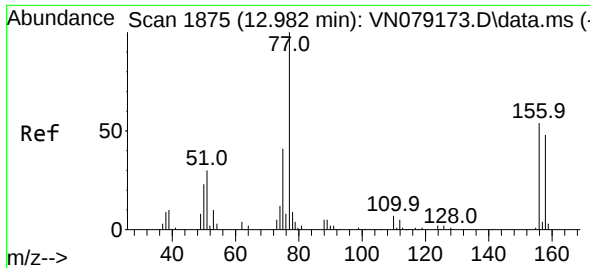
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#72
1,2,3-Trichloropropane
Concen: 19.556 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

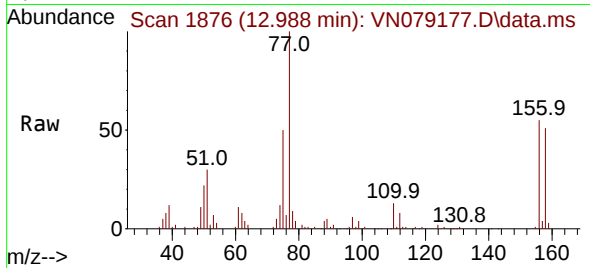
Tgt Ion: 75 Resp: 67683
Ion Ratio Lower Upper
75 100
77 179.7 0.0 252.2





#73
Bromobenzene
Concen: 20.052 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

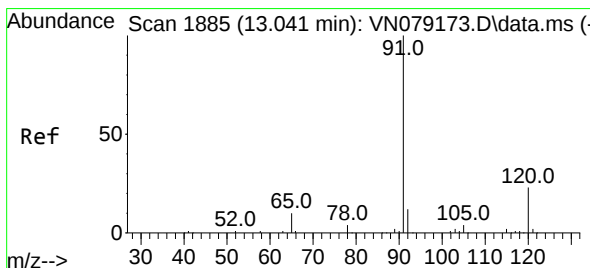
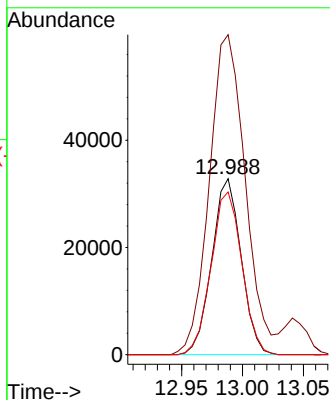
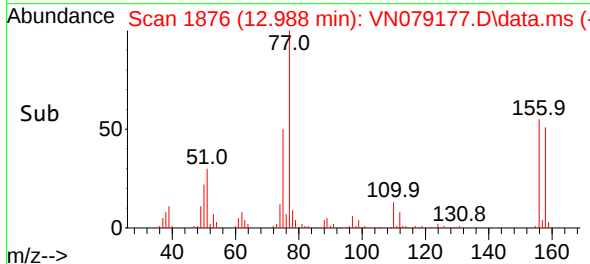
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



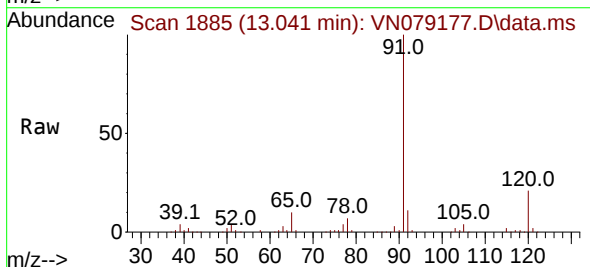
Tgt Ion:156 Resp: 55070
Ion Ratio Lower Upper
156 100
77 220.8 0.0 446.6
158 96.9 0.0 188.6

Manual Integrations
APPROVED

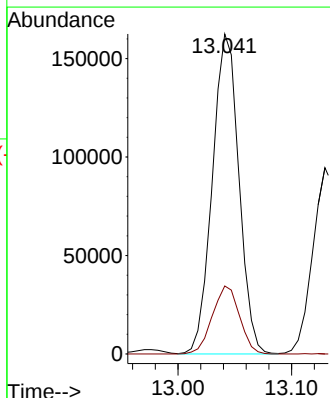
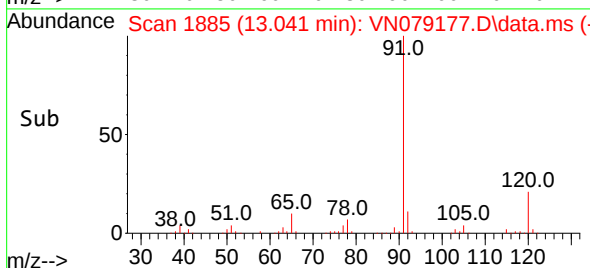
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

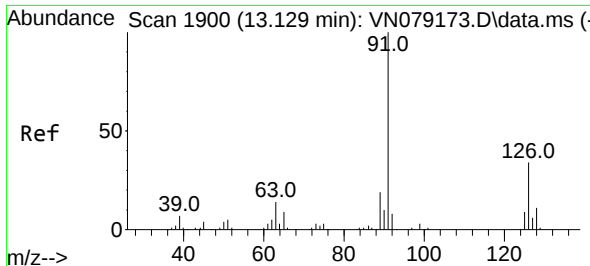


#74
n-propylbenzene
Concen: 21.086 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



Tgt Ion: 91 Resp: 264172
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.0





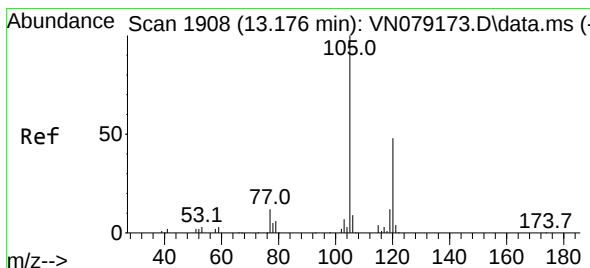
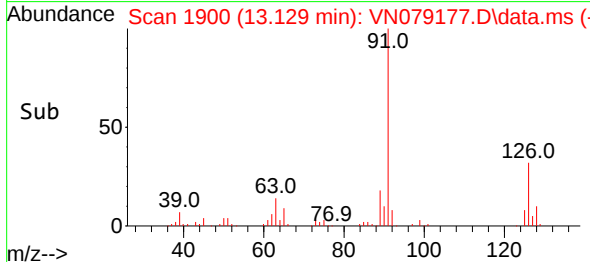
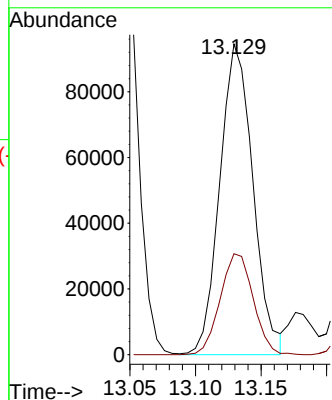
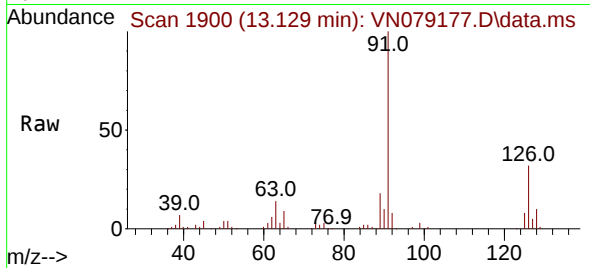
#75
2-Chlorotoluene
Concen: 20.689 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion: 91 Resp: 166208
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4

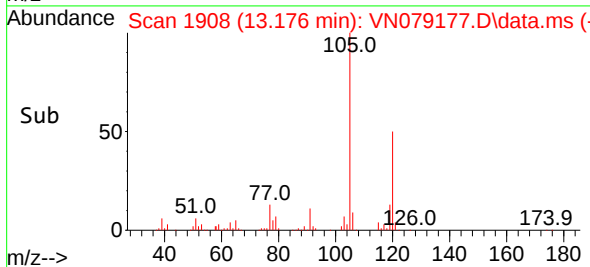
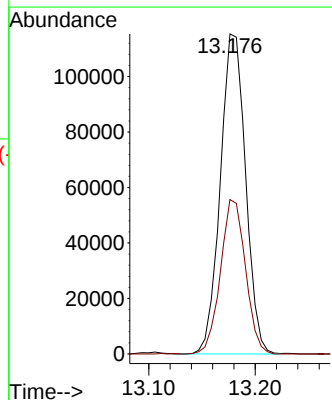
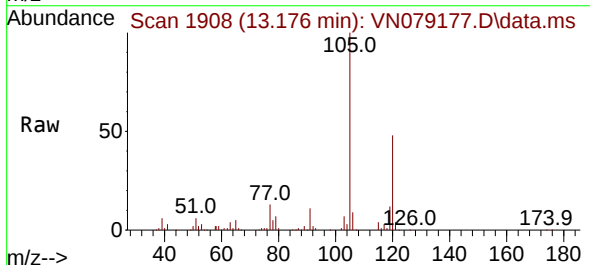
Manual Integrations
APPROVED

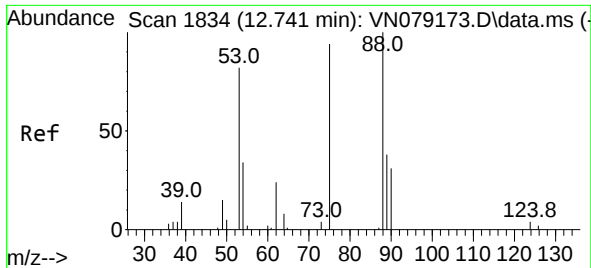
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.904 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

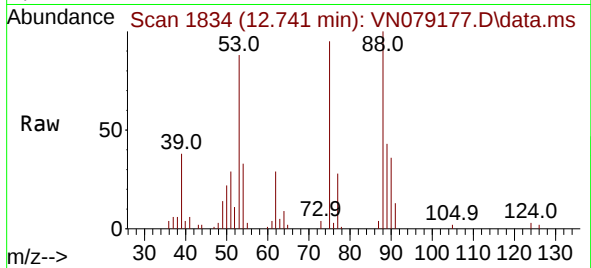
Tgt Ion:105 Resp: 190056
Ion Ratio Lower Upper
105 100
120 47.7 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 21.518 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

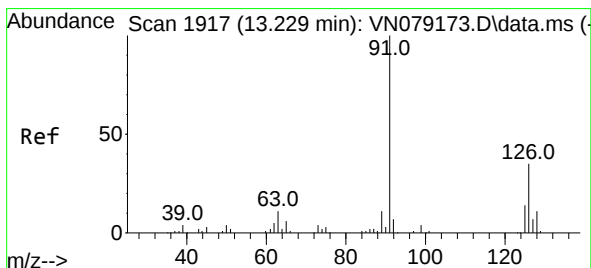
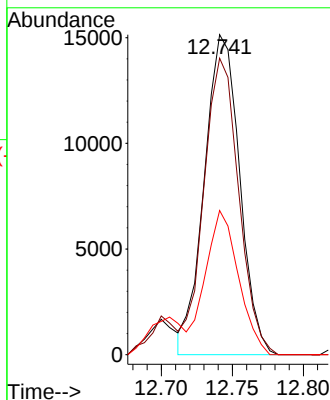
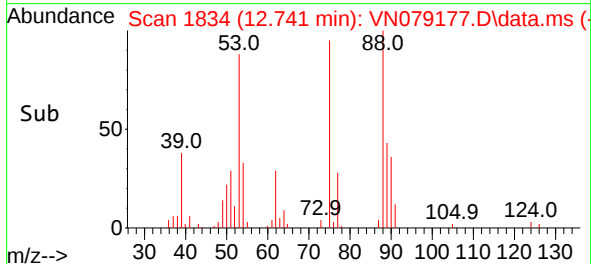
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



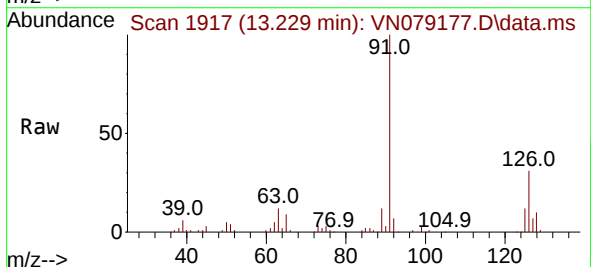
Tgt Ion: 75 Resp: 26220
Ion Ratio Lower Upper
75 100
53 92.7 44.1 132.4
89 45.1 22.4 67.3

Manual Integrations
APPROVED

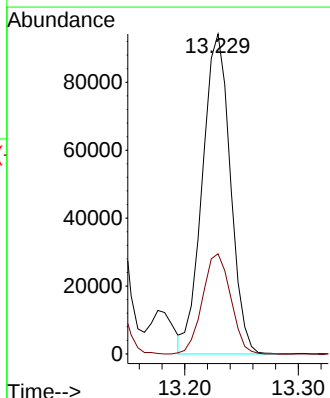
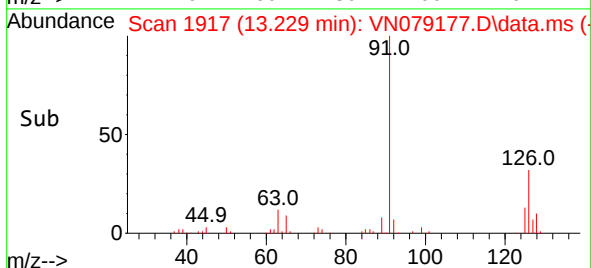
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

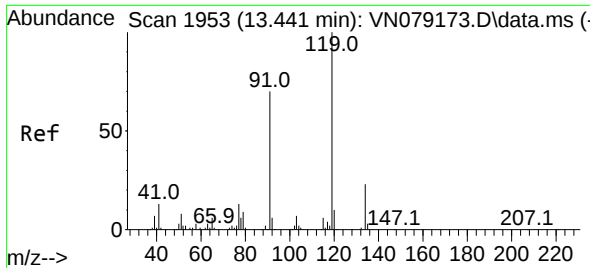


#78
4-Chlorotoluene
Concen: 21.243 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



Tgt Ion: 91 Resp: 161142
Ion Ratio Lower Upper
91 100
126 31.5 0.0 66.6





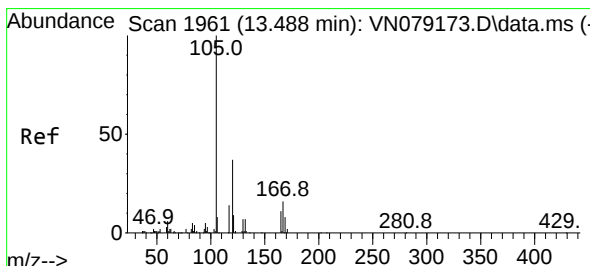
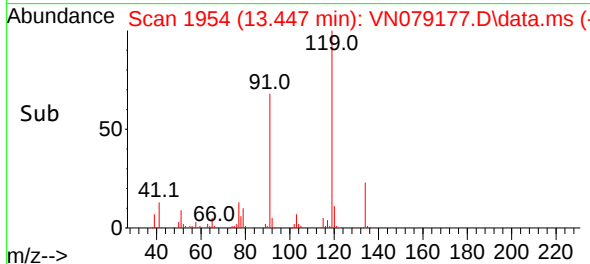
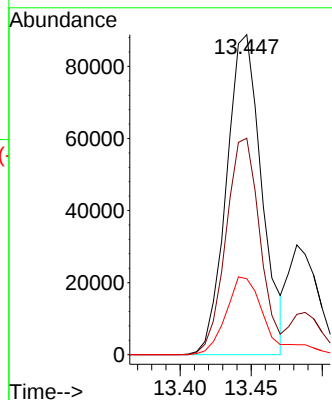
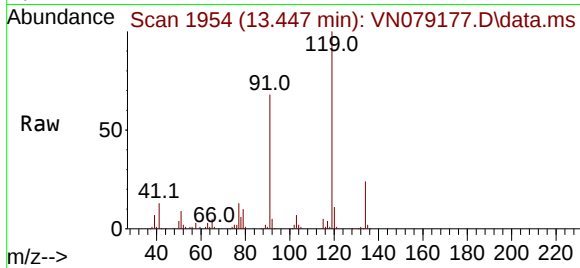
#79
tert-butylbenzene
Concen: 20.568 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion:119 Resp: 153494
Ion Ratio Lower Upper
119 100
91 65.6 0.0 130.8
134 24.5 0.0 48.8

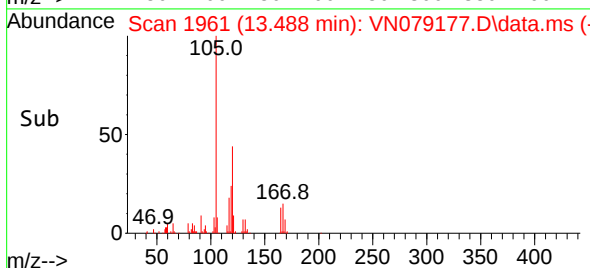
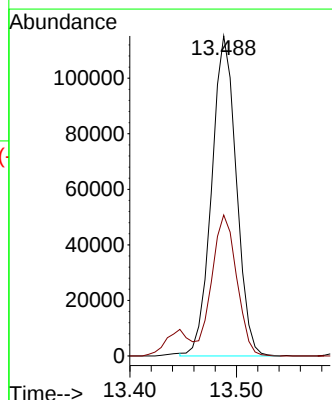
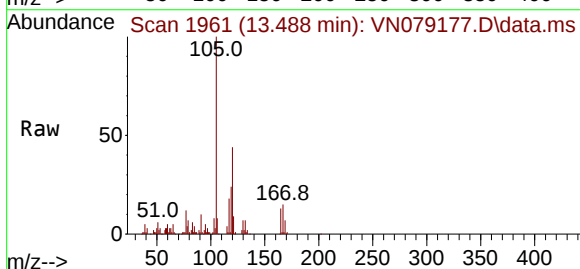
Manual Integrations
APPROVED

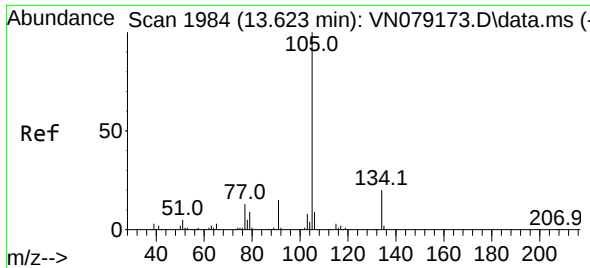
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.299 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

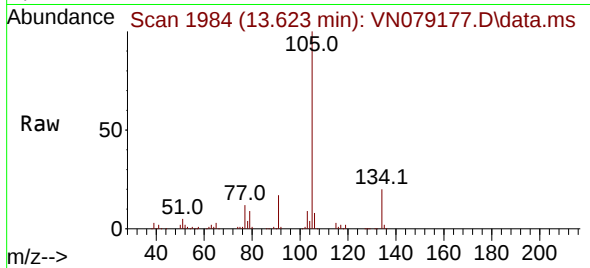
Tgt Ion:105 Resp: 184937
Ion Ratio Lower Upper
105 100
120 44.8 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 20.906 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079177.D
 Acq: 07 Sep 2023 16:08

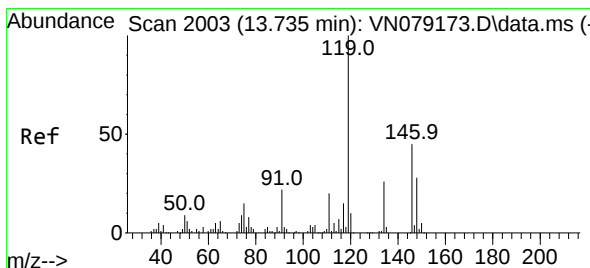
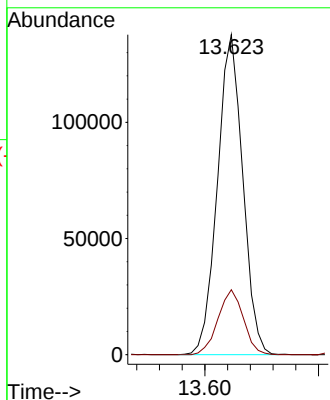
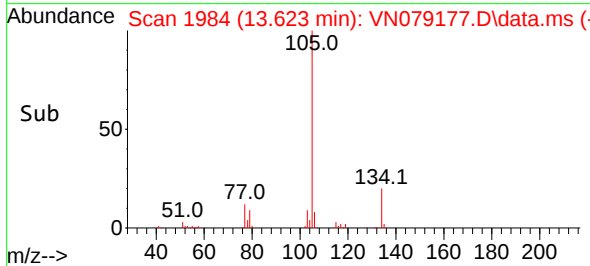
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01



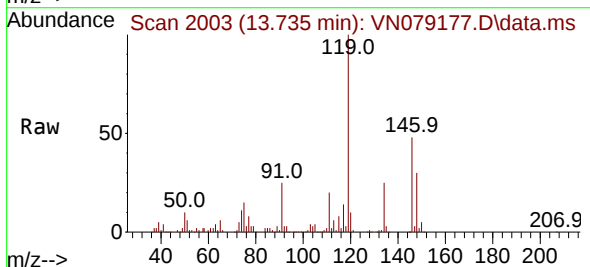
Tgt Ion:105 Resp: 213462
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 38.6

Manual Integrations
 APPROVED

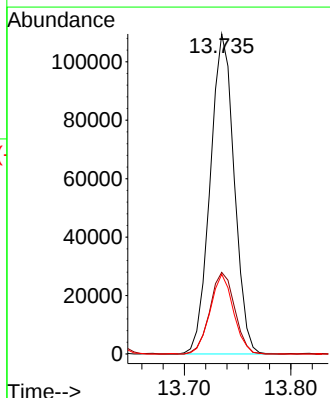
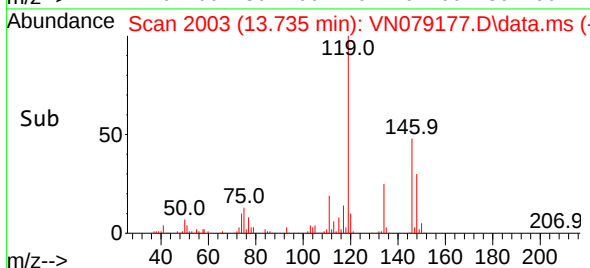
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

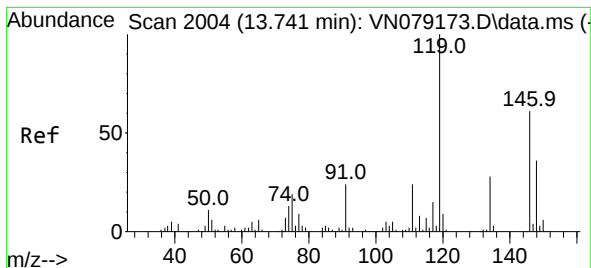


#82
 p-Isopropyltoluene
 Concen: 21.277 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079177.D
 Acq: 07 Sep 2023 16:08



Tgt Ion:119 Resp: 171607
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.8
 91 24.2 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 21.259 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

Tgt Ion:146 Resp: 9273

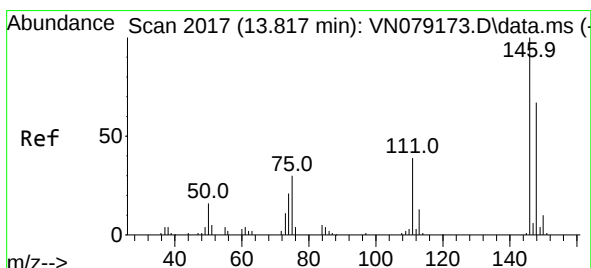
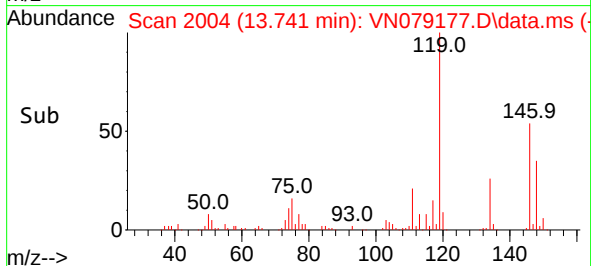
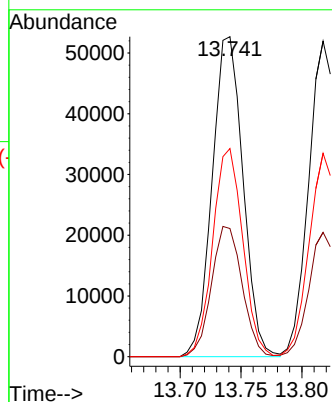
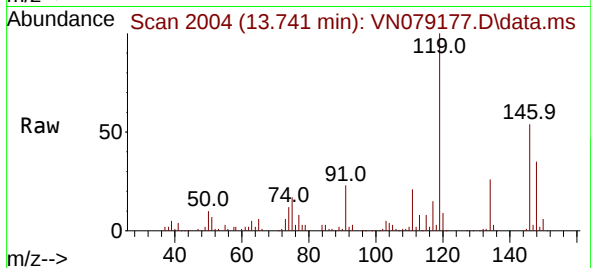
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	63.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#84

1,4-Dichlorobenzene

Concen: 21.542 ug/l

RT: 13.817 min Scan# 2017

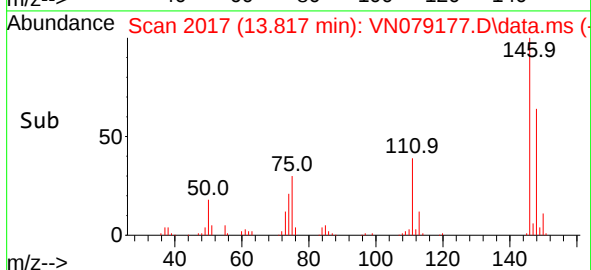
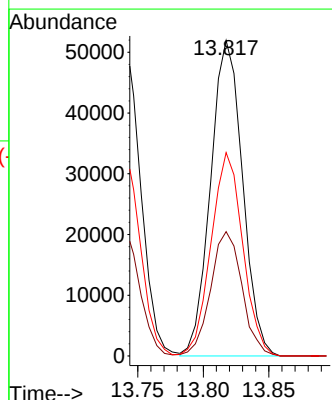
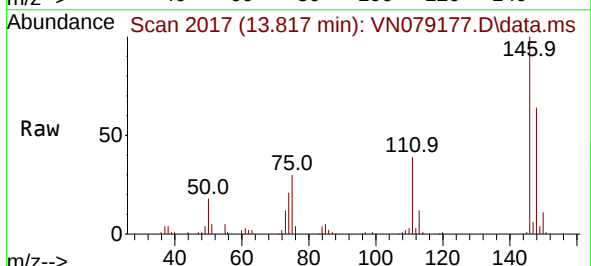
Delta R.T. 0.000 min

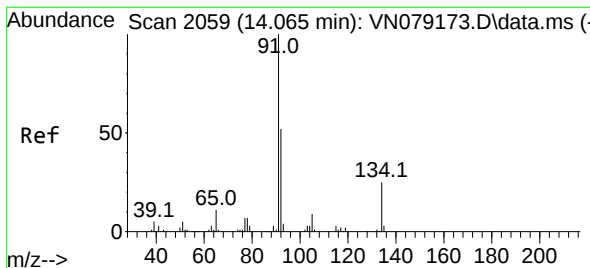
Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Tgt Ion:146 Resp: 88131

Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	64.0	32.1	96.5





#85

n-Butylbenzene

Concen: 22.112 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. -0.001 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

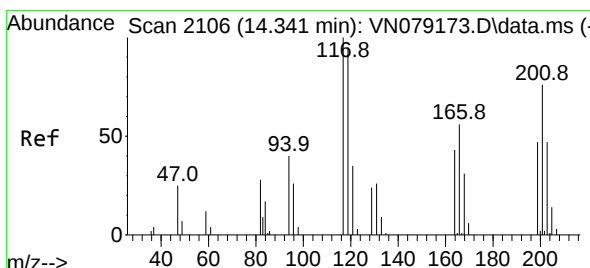
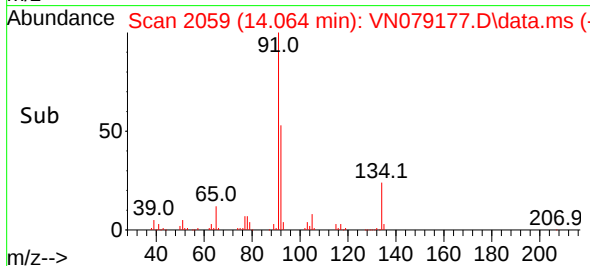
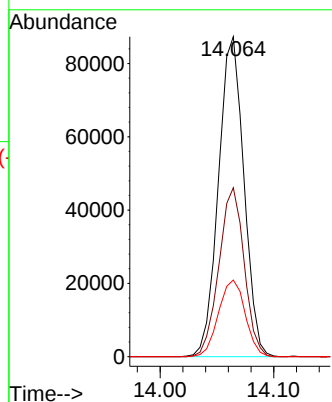
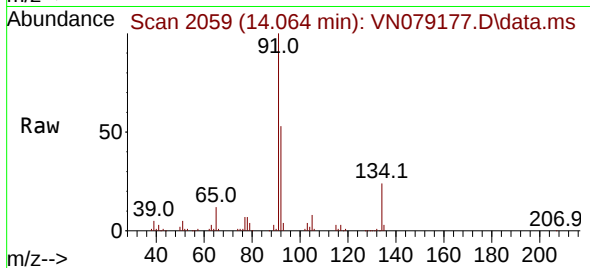
Tgt Ion:	91	Resp:	13583
Ion Ratio	Lower	Upper	
91	100		
92	52.4	0.0	105.0
134	25.1	0.0	49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#86

Hexachloroethane

Concen: 17.670 ug/l

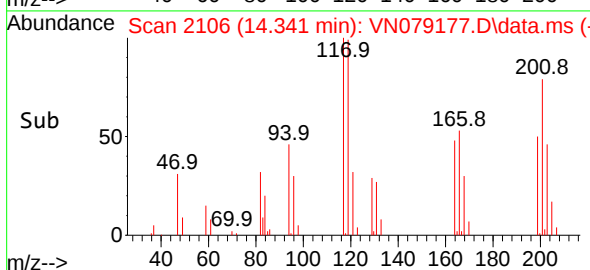
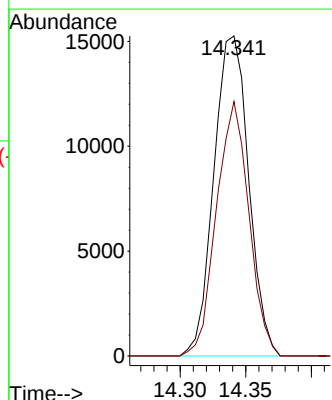
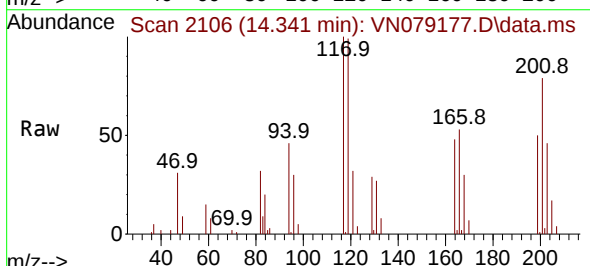
RT: 14.341 min Scan# 2106

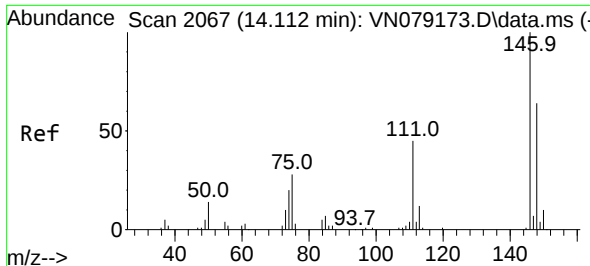
Delta R.T. -0.000 min

Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Tgt Ion:	117	Resp:	28217
Ion Ratio	Lower	Upper	
117	100		
201	74.1	37.2	111.6





#87

1,2-Dichlorobenzene

Concen: 21.228 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079177.D

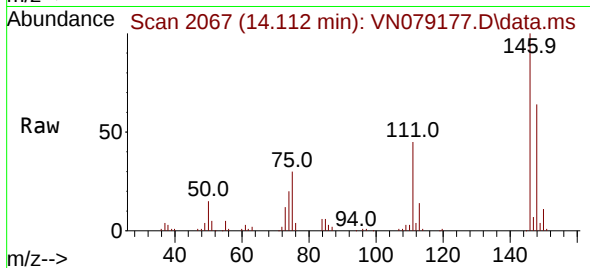
Acq: 07 Sep 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01



Tgt Ion:146 Resp: 9138

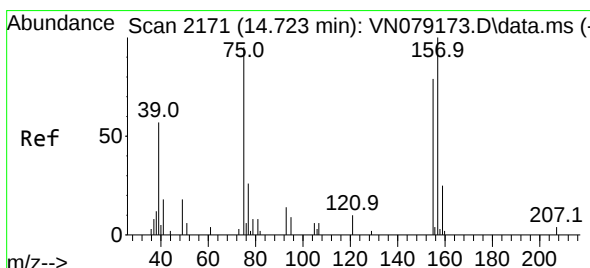
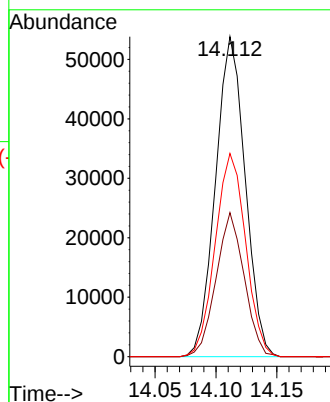
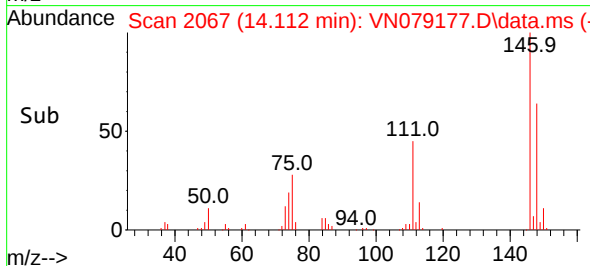
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.5	64.5
148	65.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.136 ug/l

RT: 14.723 min Scan# 2171

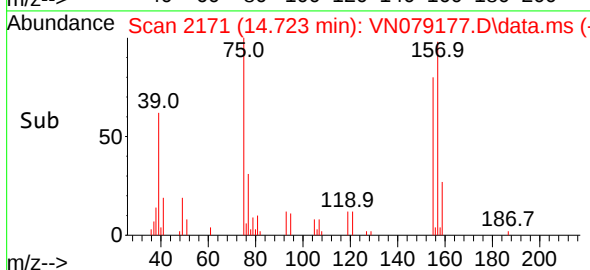
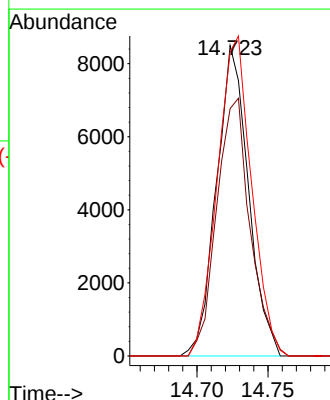
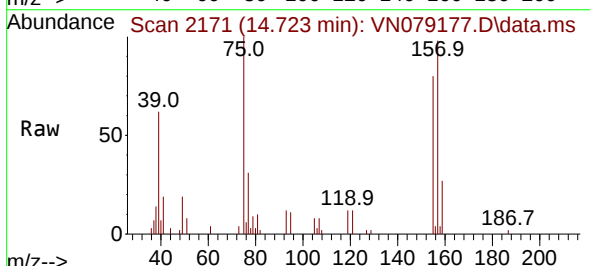
Delta R.T. 0.000 min

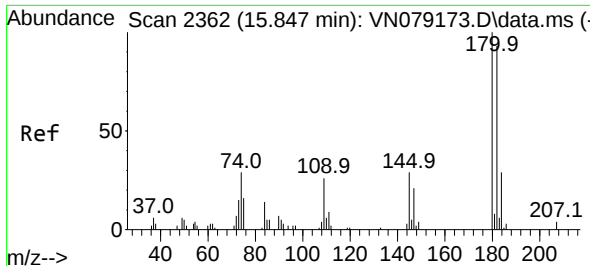
Lab File: VN079177.D

Acq: 07 Sep 2023 16:08

Tgt Ion: 75 Resp: 13305

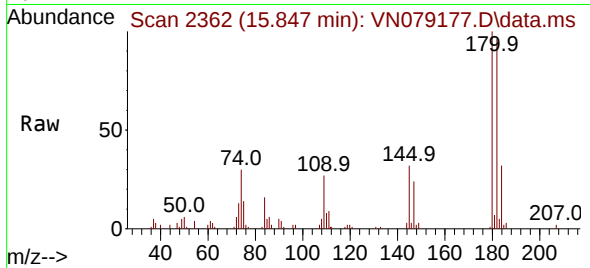
Ion	Ratio	Lower	Upper
75	100		
155	86.7	68.1	102.1
157	110.3	83.9	125.9





#89
1,2,4-Trichlorobenzene
Concen: 19.882 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

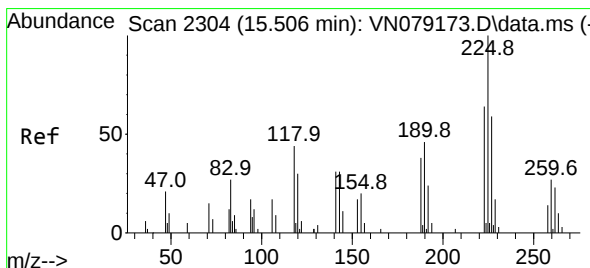
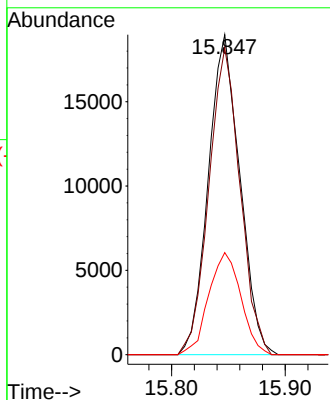
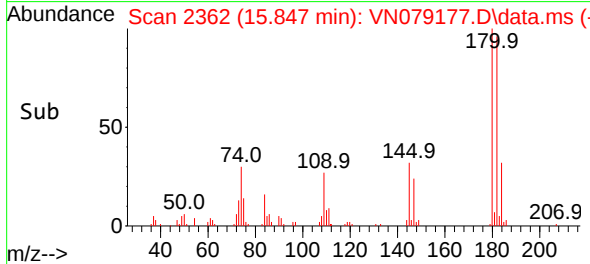
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



Tgt Ion:180 Resp: 3662
Ion Ratio Lower Upper
180 100
182 94.5 74.5 111.7
145 32.6 26.2 39.2

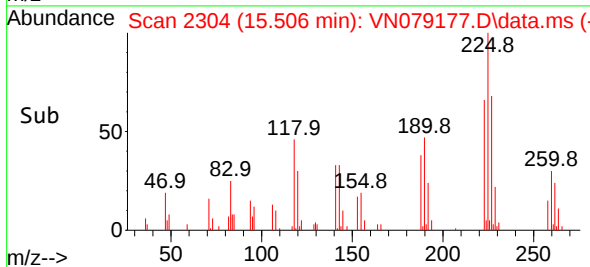
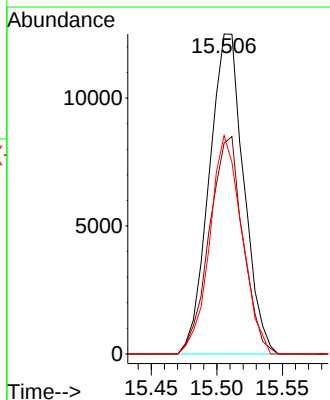
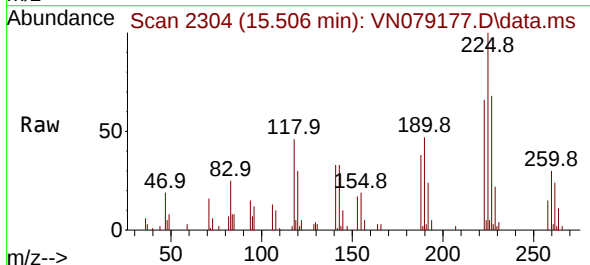
Manual Integrations
APPROVED

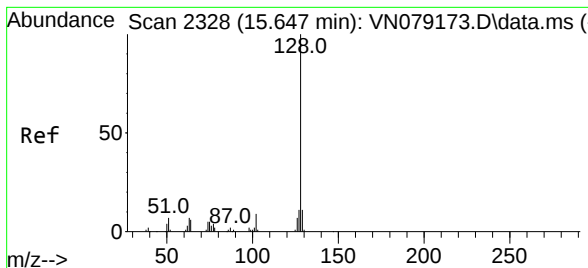
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#90
Hexachlorobutadiene
Concen: 20.488 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

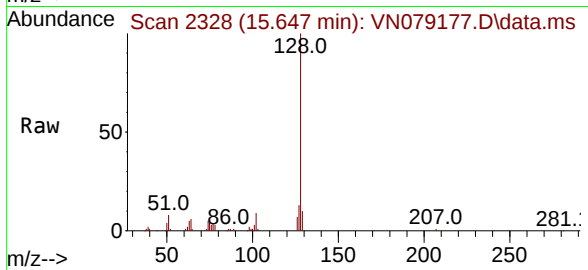
Tgt Ion:225 Resp: 22924
Ion Ratio Lower Upper
225 100
223 65.9 0.0 125.6
227 63.4 0.0 124.0





#91
Naphthalene
Concen: 19.461 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08

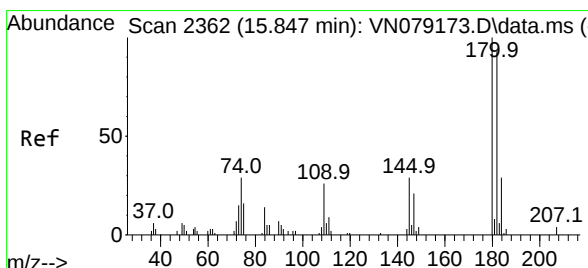
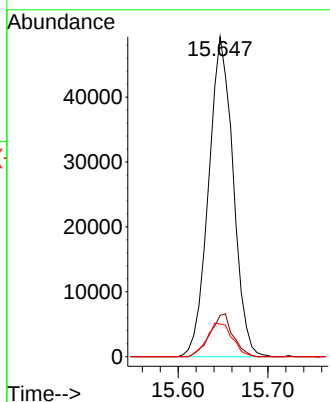
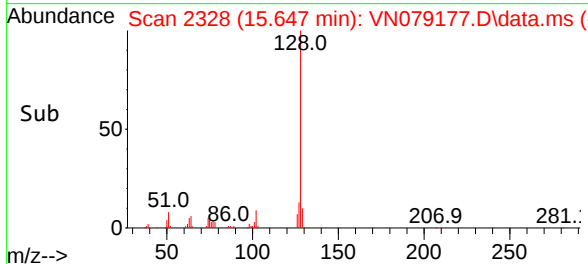
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01



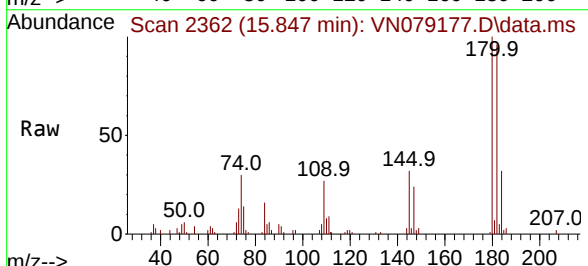
Tgt Ion:128 Resp: 93679
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.882 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079177.D
Acq: 07 Sep 2023 16:08



Tgt Ion:180 Resp: 36625
Ion Ratio Lower Upper
180 100
182 94.5 0.0 186.2
145 32.6 0.0 65.4

