

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079310.D
 Acq On : 20 Sep 2023 14:52
 Operator : JC\MD
 Sample : VN0920WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 01:56:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	160963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	252990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113873	52.407	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	8.171	113	87827	47.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.000%			
50) Toluene-d8	10.571	98	317841	47.307	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.620%			
62) 4-Bromofluorobenzene	12.853	95	103002	48.061	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	31737	19.927	ug/l	96
3) Chloromethane	2.365	50	39924	19.096	ug/l	98
4) Vinyl Chloride	2.518	62	46023	20.203	ug/l	97
5) Bromomethane	2.959	94	27352	20.888	ug/l	94
6) Chloroethane	3.124	64	33186	22.235	ug/l	96
7) Trichlorofluoromethane	3.495	101	58578	17.560	ug/l	99
8) Diethyl Ether	3.965	74	22358	19.310	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	33444	18.852	ug/l	100
10) Methyl Iodide	4.589	142	33373	22.997	ug/l	97
11) Tert butyl alcohol	5.536	59	30016	74.824	ug/l	98
12) 1,1-Dichloroethene	4.342	96	29820	17.370	ug/l	86
13) Acrolein	4.183	56	36673	95.838	ug/l	98
14) Allyl chloride	5.024	41	49239	17.980	ug/l #	90
15) Acrylonitrile	5.724	53	98894	95.074	ug/l	97
16) Acetone	4.436	43	95752	103.760	ug/l	91
17) Carbon Disulfide	4.712	76	78022	14.541	ug/l	98
18) Methyl Acetate	5.030	43	77309	20.384	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	114160	19.389	ug/l	95
20) Methylene Chloride	5.277	84	41923	18.668	ug/l #	84
21) trans-1,2-Dichloroethene	5.794	96	35064	17.607	ug/l	87
22) Diisopropyl ether	6.677	45	129401	21.535	ug/l #	91
23) Vinyl Acetate	6.612	43	366520	99.169	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	72284	19.514	ug/l	97
25) 2-Butanone	7.488	43	132481	98.944	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	56543	18.601	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	42814	18.801	ug/l	88
28) Bromochloromethane	7.818	49	32461	19.382	ug/l #	73
29) Tetrahydrofuran	7.841	42	85690	100.566	ug/l #	74
30) Chloroform	7.971	83	76441	19.821	ug/l	95
31) Cyclohexane	8.259	56	57650	18.171	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	62640	19.054	ug/l	96
36) 1,1-Dichloropropene	8.377	75	52926	18.765	ug/l	96
37) Ethyl Acetate	7.565	43	57046	20.279	ug/l #	91
38) Carbon Tetrachloride	8.365	117	52896	18.123	ug/l	99
39) Methylcyclohexane	9.606	83	49066	17.637	ug/l #	86
40) Benzene	8.612	78	163207	18.903	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	29732	20.962	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	62291	20.957	ug/l	96
43) Isopropyl Acetate	8.694	43	88448	19.269	ug/l #	89
44) Trichloroethene	9.359	130	39357	18.504	ug/l	91
45) 1,2-Dichloropropane	9.629	63	44649	20.837	ug/l	98
46) Dibromomethane	9.712	93	30092	20.687	ug/l	96
47) Bromodichloromethane	9.888	83	62556	20.997	ug/l	99
48) Methyl methacrylate	9.688	41	39701	19.310	ug/l #	84
49) 1,4-Dioxane	9.700	88	14670	346.903	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	273904	102.796	ug/l	89
52) Toluene	10.635	92	98946	18.648	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	59263	18.864	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	66242	19.715	ug/l #	87
55) 1,1,2-Trichloroethane	11.023	97	42934	20.621	ug/l	96
56) Ethyl methacrylate	10.876	69	55208	18.785	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	72951	20.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	126920	109.561	ug/l	89
59) 2-Hexanone	11.200	43	191721	99.343	ug/l	85
60) Dibromochloromethane	11.365	129	41703	18.821	ug/l	96
61) 1,2-Dibromoethane	11.470	107	39507	19.014	ug/l	99
64) Tetrachloroethene	11.106	164	33395	18.103	ug/l	98
65) Chlorobenzene	11.894	112	102672	17.915	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	40115	18.666	ug/l	97
67) Ethyl Benzene	11.970	91	180484	18.411	ug/l	94
68) m/p-Xylenes	12.076	106	134916	36.923	ug/l	95
69) o-Xylene	12.400	106	64168	18.311	ug/l	90
70) Styrene	12.412	104	107136	19.009	ug/l	99
71) Bromoform	12.582	173	27393	17.266	ug/l #	99
73) Isopropylbenzene	12.700	105	165494	18.180	ug/l	98
74) N-amyl acetate	12.500	43	63557	18.402	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	59563	17.571	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	46939m	17.406	ug/l	
77) Bromobenzene	12.982	156	38892	16.873	ug/l	95
78) n-propylbenzene	13.041	91	191556	18.732	ug/l	98
79) 2-Chlorotoluene	13.129	91	120972	18.087	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	138927	18.315	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	15872	16.181	ug/l #	79
82) 4-Chlorotoluene	13.223	91	115808	18.427	ug/l	99
83) tert-Butylbenzene	13.441	119	108227	17.247	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	137970	19.099	ug/l	100
85) sec-Butylbenzene	13.617	105	157844	18.271	ug/l	99
86) p-Isopropyltoluene	13.735	119	125080	18.123	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	66676	17.636	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	66217	17.333	ug/l	98
89) n-Butylbenzene	14.059	91	97124	17.895	ug/l	97
90) Hexachloroethane	14.335	117	25060	17.880	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	65727	17.610	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8916	17.302	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	19316	14.402	ug/l	98
94) Hexachlorobutadiene	15.506	225	15572	14.759	ug/l	96
95) Naphthalene	15.647	128	48785	12.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	21871	13.824	ug/l	96

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

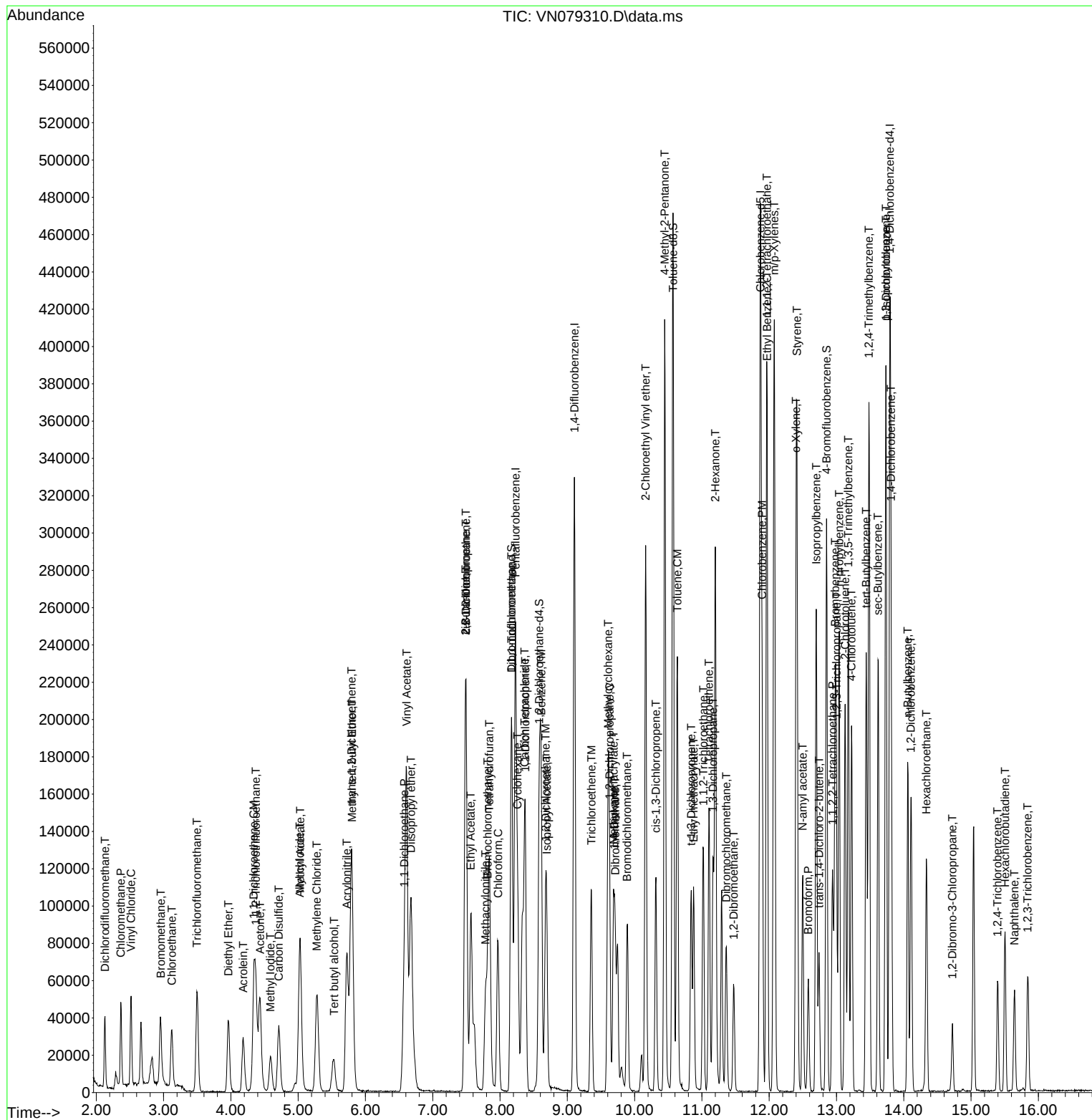
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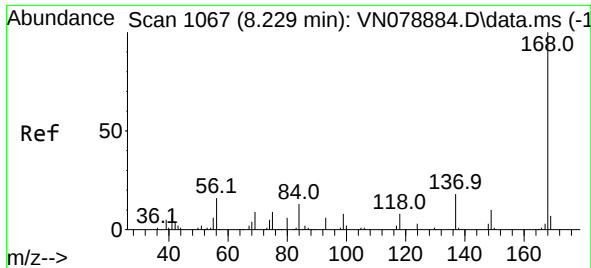
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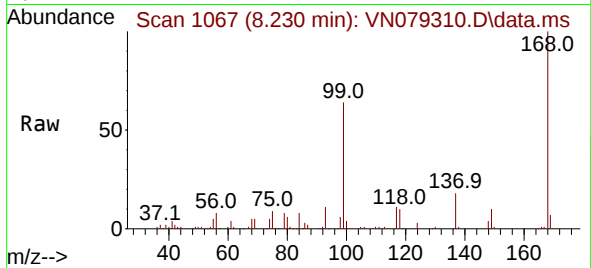
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079310.D
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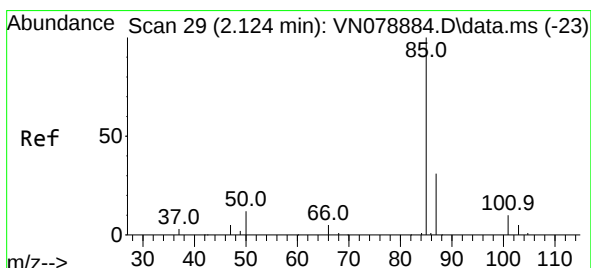
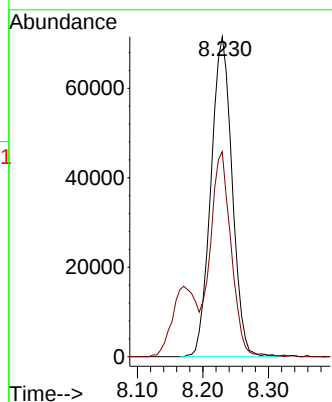
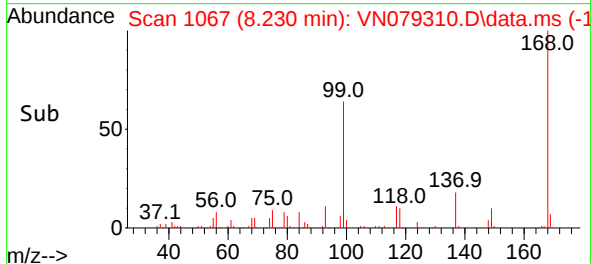
Instrument :
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Tgt Ion:168 Resp: 16096
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6

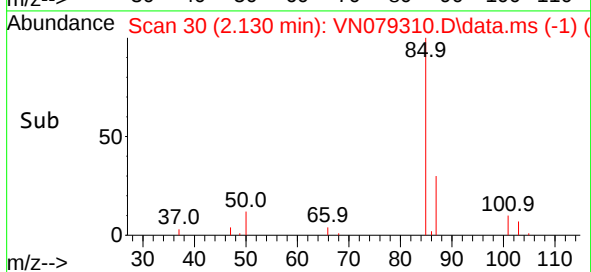
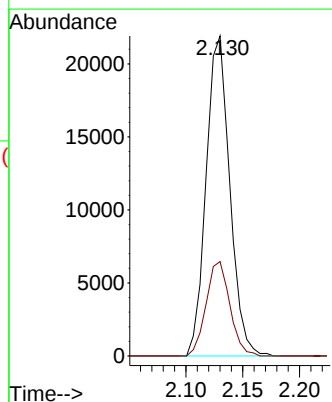
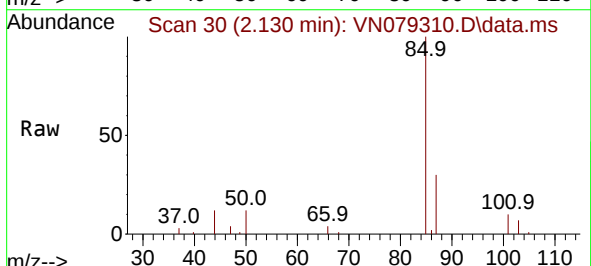
Manual Integrations
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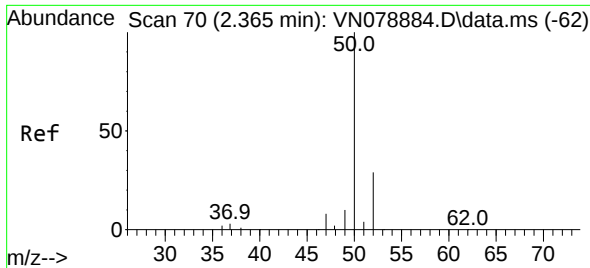
Reviewed By :John Carlone 09/21/2023
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#2
Dichlorodifluoromethane
Concen: 19.927 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion: 85 Resp: 31737
Ion Ratio Lower Upper
85 100
87 29.5 15.8 47.4





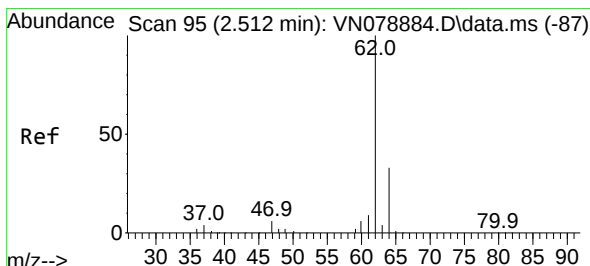
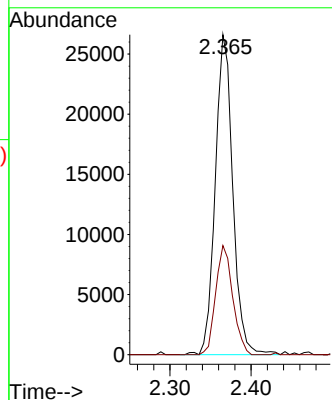
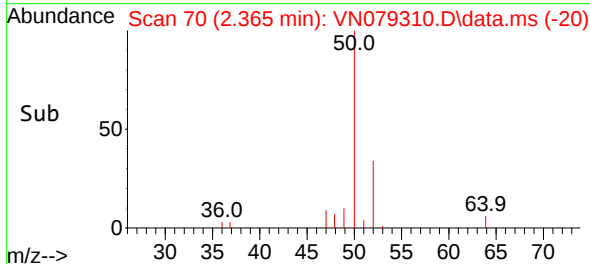
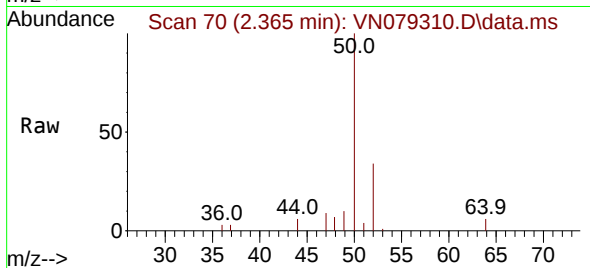
#3
Chloromethane
Concen: 19.096 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
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Tgt Ion: 50 Resp: 39924
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

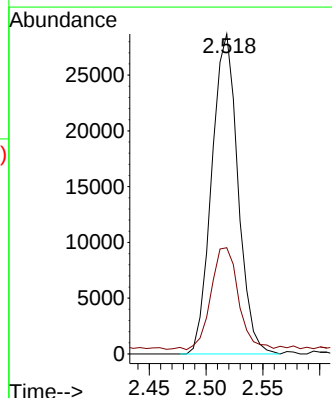
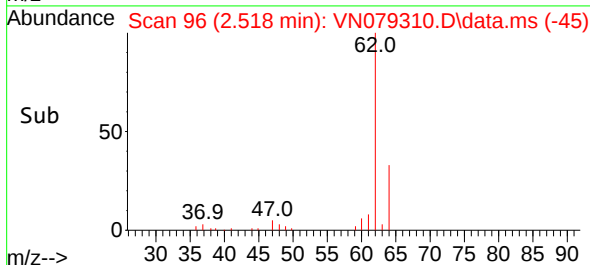
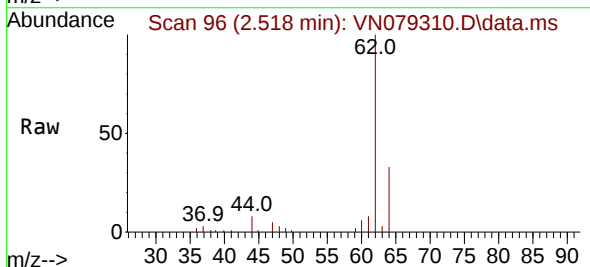
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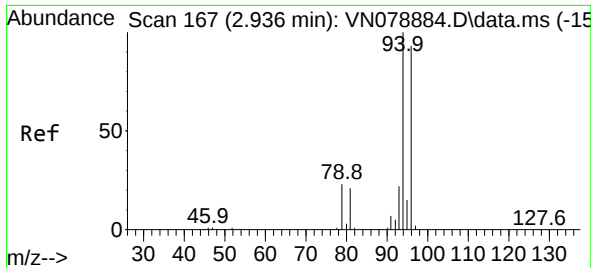
Reviewed By :John Carlone 09/21/2023
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#4
Vinyl Chloride
Concen: 20.203 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion: 62 Resp: 46023
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2





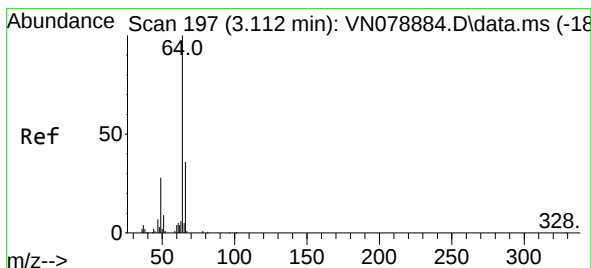
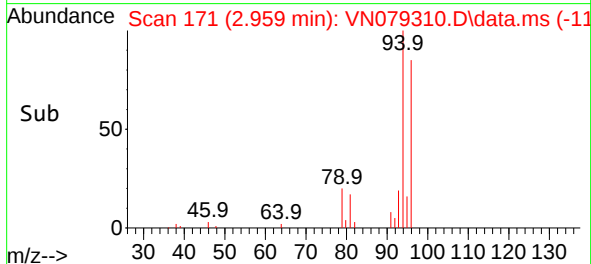
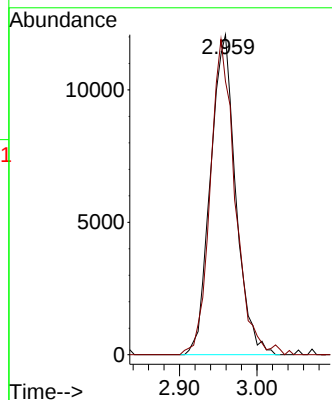
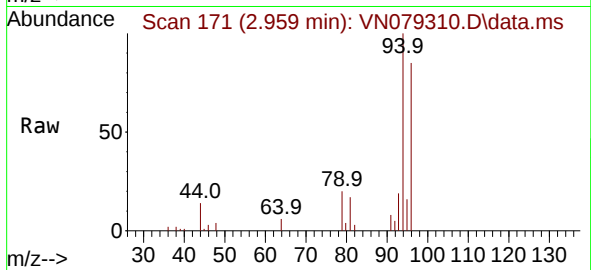
#5
Bromomethane
Concen: 20.888 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
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Tgt Ion: 94 Resp: 2735
Ion Ratio Lower Upper
94 100
96 85.4 73.1 109.7

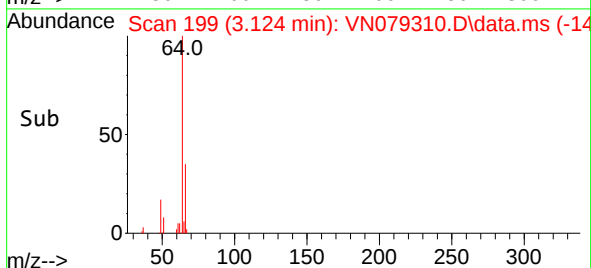
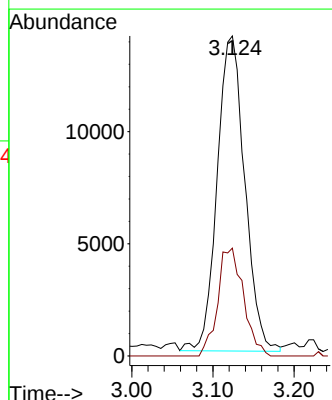
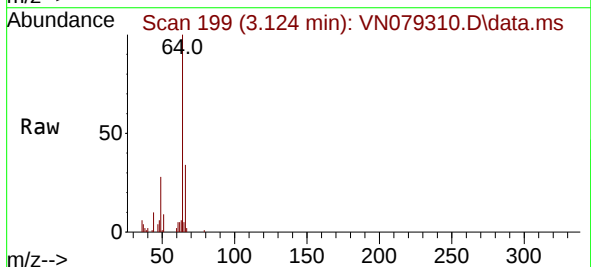
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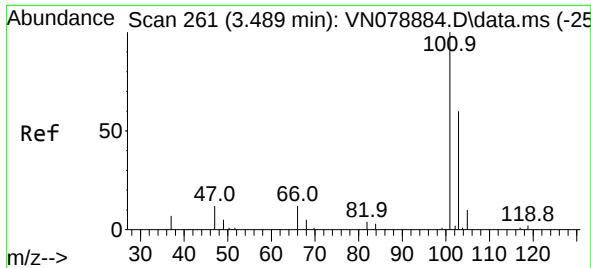
Reviewed By :John Carlone 09/21/2023
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#6
Chloroethane
Concen: 22.235 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

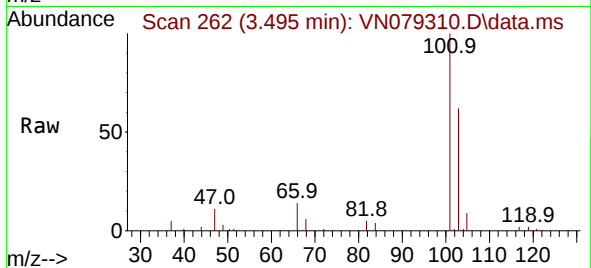
Tgt Ion: 64 Resp: 33186
Ion Ratio Lower Upper
64 100
66 34.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.560 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

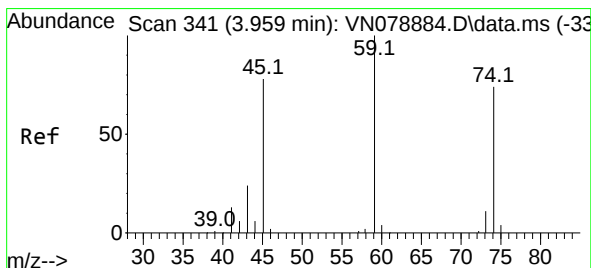
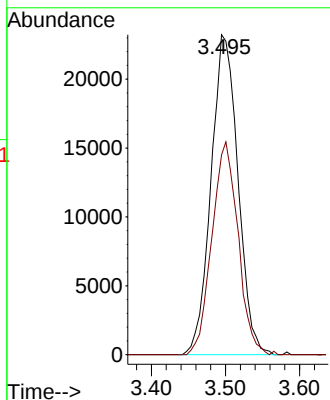
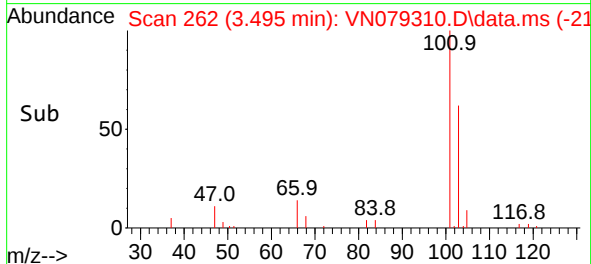
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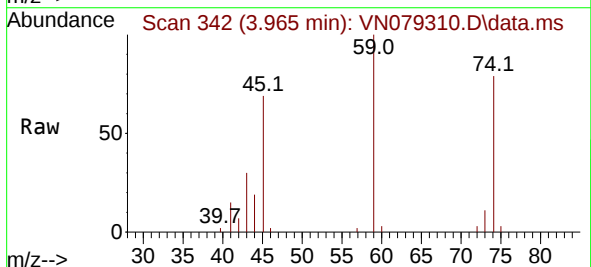
Tgt Ion:101 Resp: 58578
Ion Ratio Lower Upper
101 100
103 62.4 50.7 76.1

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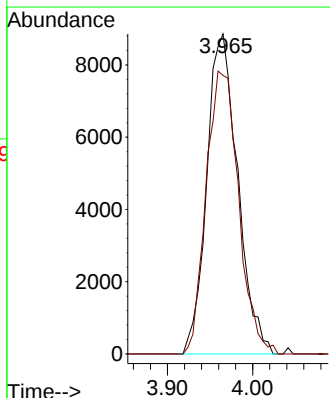
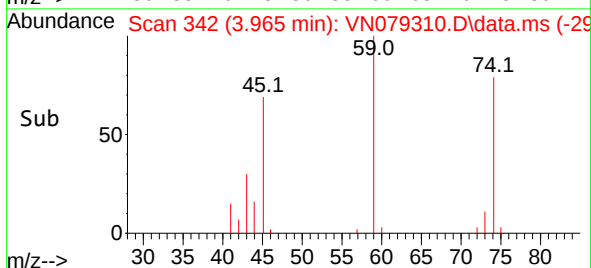
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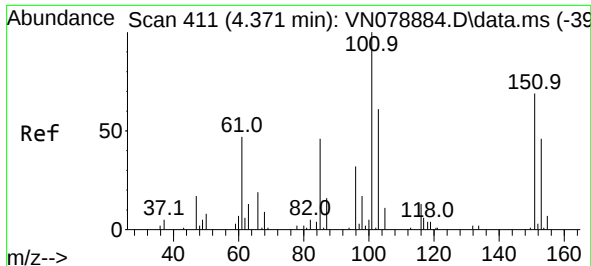


#8
Diethyl Ether
Concen: 19.310 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



Tgt Ion: 74 Resp: 22358
Ion Ratio Lower Upper
74 100
45 92.7 34.4 103.3





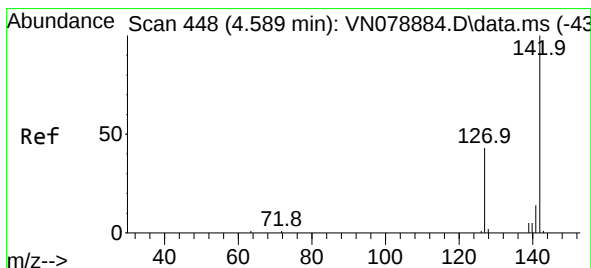
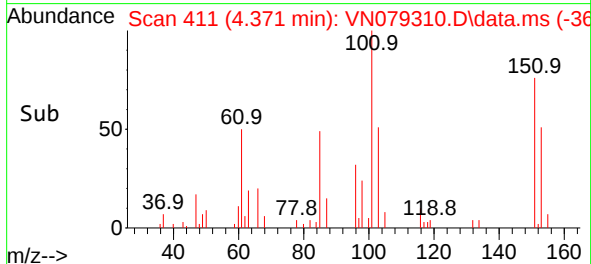
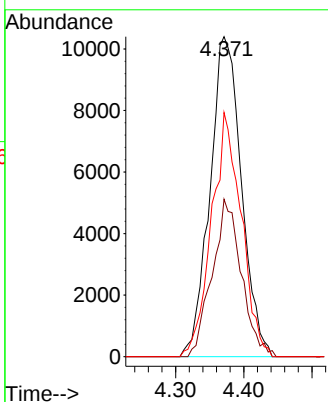
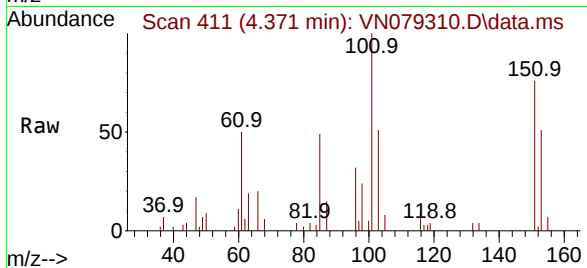
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.852 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:101 Resp: 3344
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 72.0 57.6 86.4

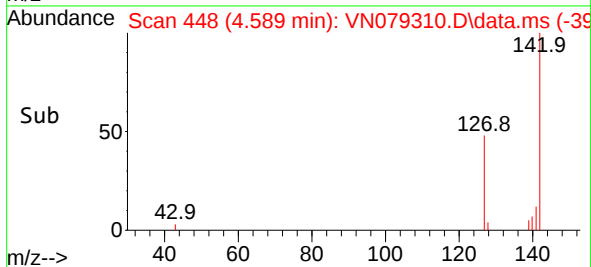
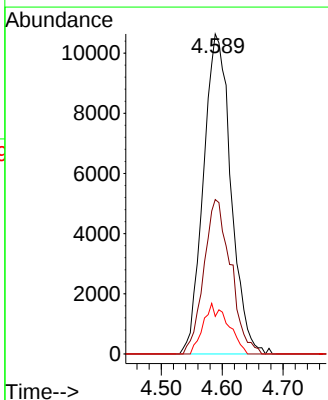
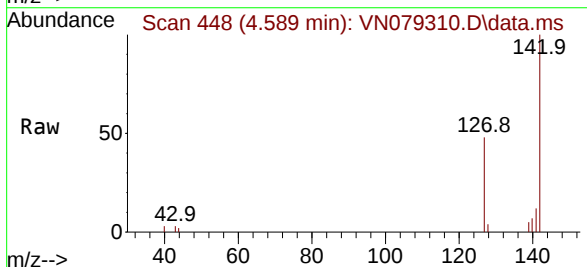
Manual Integrations
APPROVED

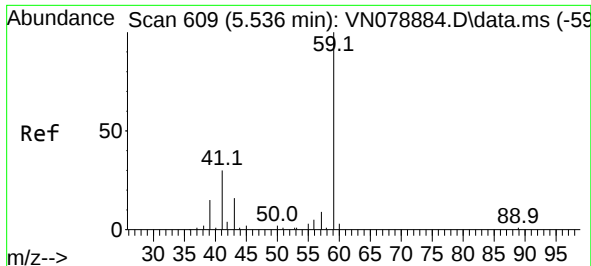
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#10
Methyl Iodide
Concen: 22.997 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

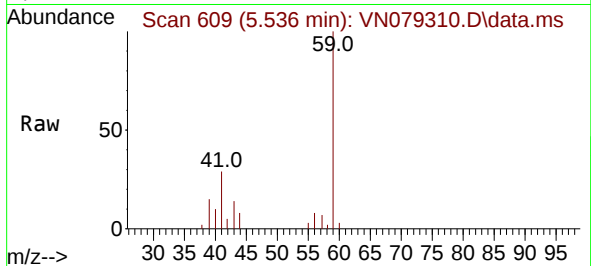
Tgt Ion:142 Resp: 33373
Ion Ratio Lower Upper
142 100
127 48.3 37.6 56.4
141 11.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 74.824 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

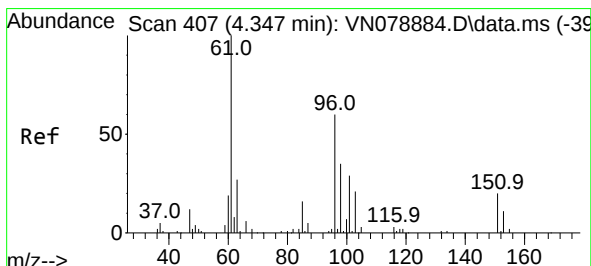
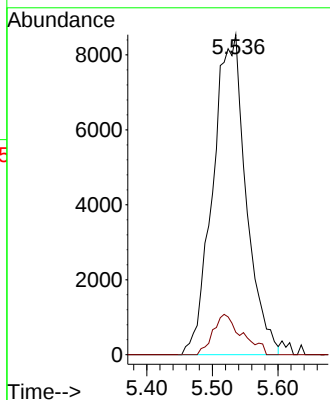
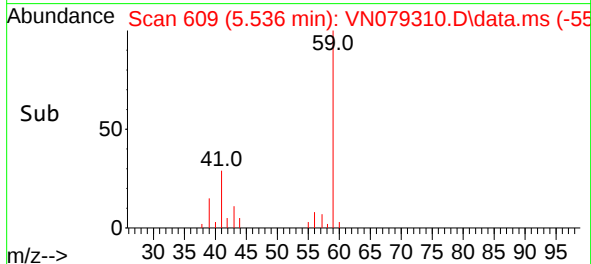
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



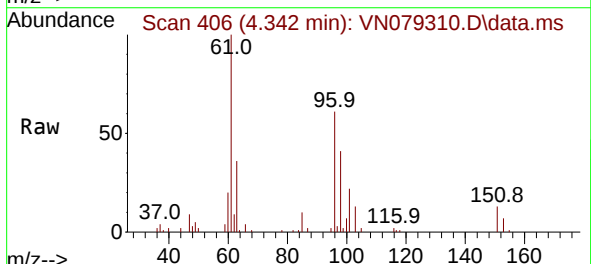
Tgt Ion: 59 Resp: 30010
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

Manual Integrations
APPROVED

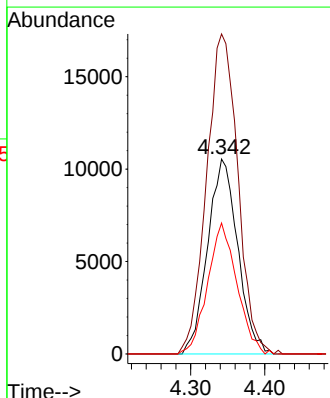
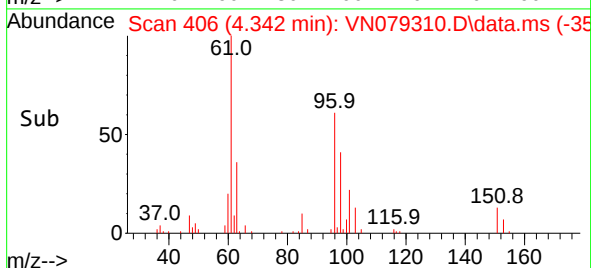
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

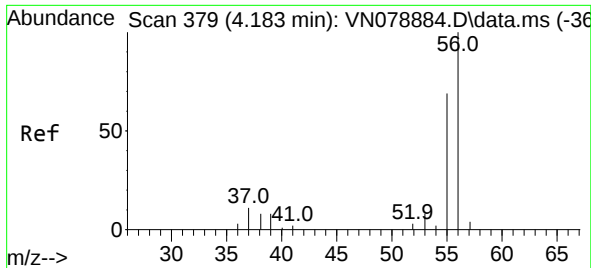


#12
1,1-Dichloroethene
Concen: 17.370 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



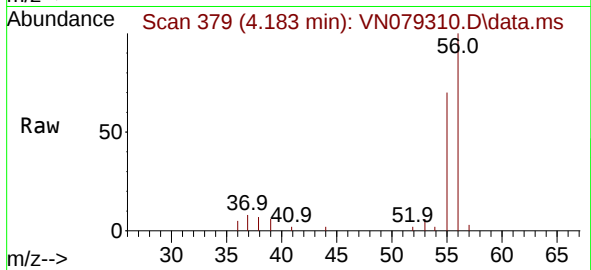
Tgt Ion: 96 Resp: 29820
Ion Ratio Lower Upper
96 100
61 164.1 112.7 169.1
98 67.2 51.2 76.8





#13
Acrolein
Concen: 95.838 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

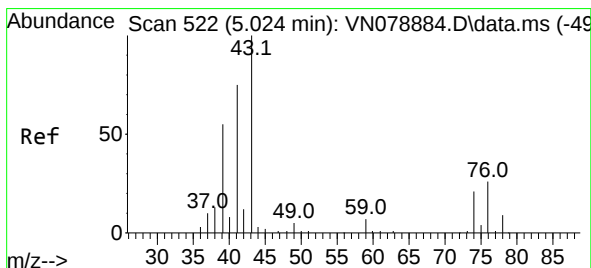
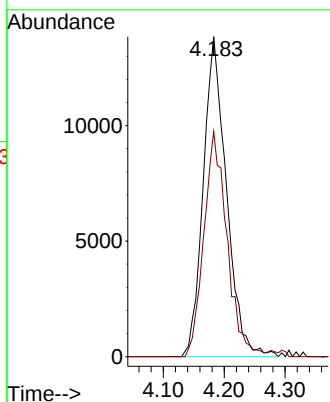
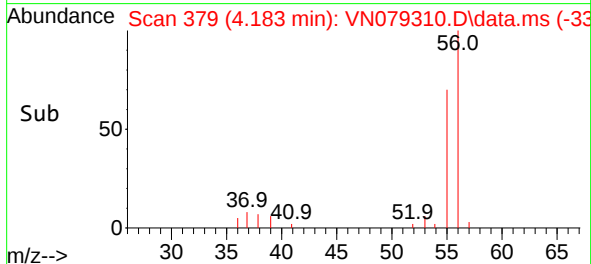
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



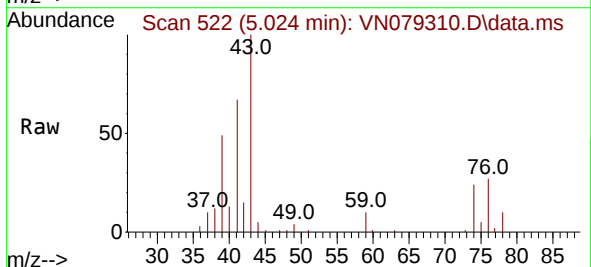
Tgt Ion: 56 Resp: 3667
Ion Ratio Lower Upper
56 100
55 69.9 54.5 81.7

Manual Integrations
APPROVED

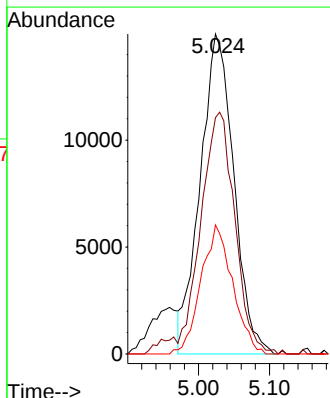
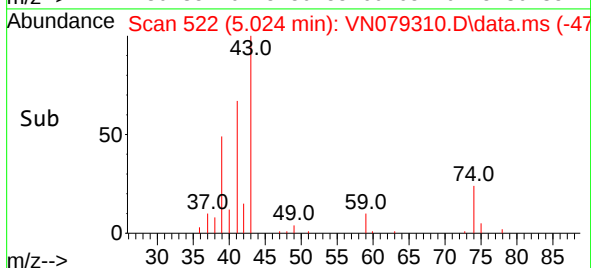
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

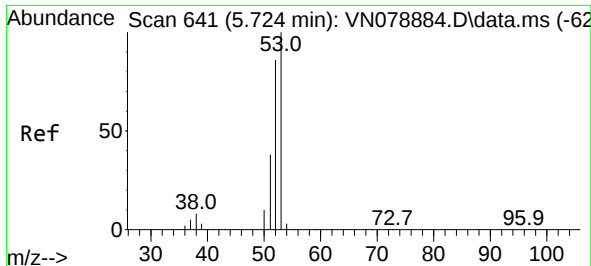


#14
Allyl chloride
Concen: 17.980 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



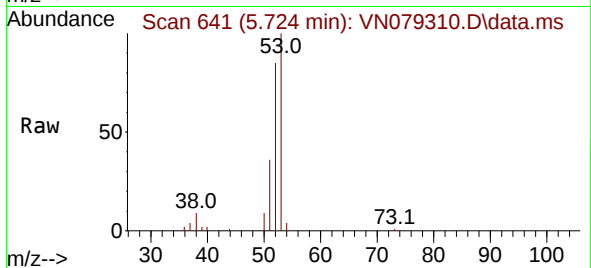
Tgt Ion: 41 Resp: 49239
Ion Ratio Lower Upper
41 100
39 78.9 58.8 88.2
76 37.9 39.1 58.7#





#15
Acrylonitrile
Concen: 95.074 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

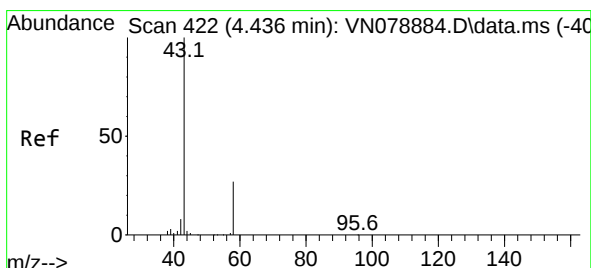
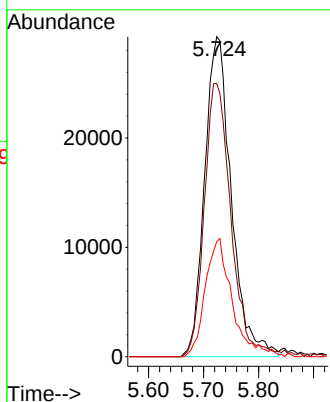
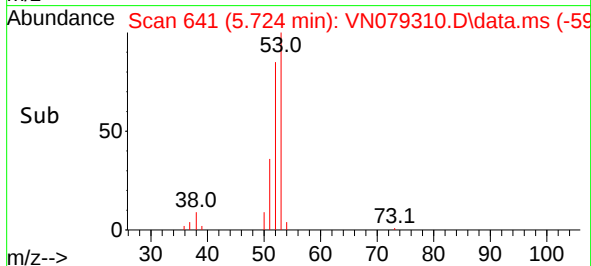
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 53 Resp: 98894
Ion Ratio Lower Upper
53 100
52 84.8 65.3 97.9
51 37.1 28.9 43.3

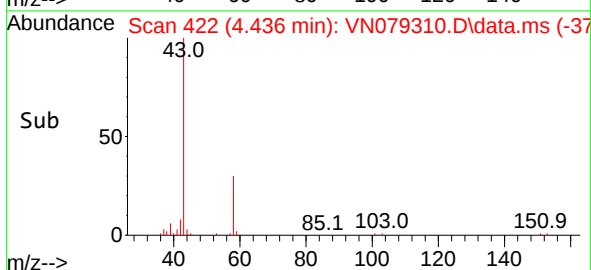
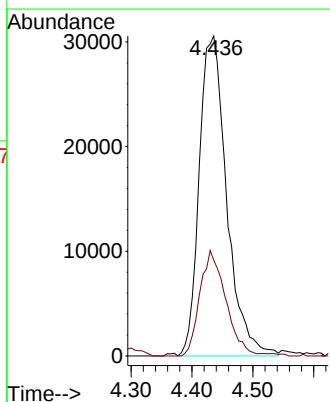
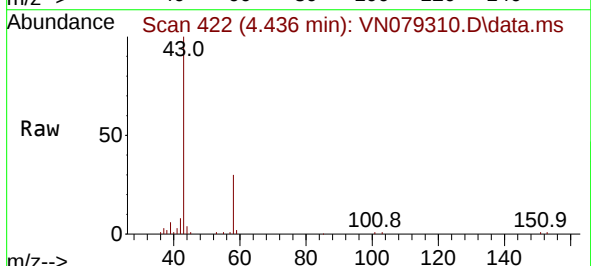
Manual Integrations
APPROVED

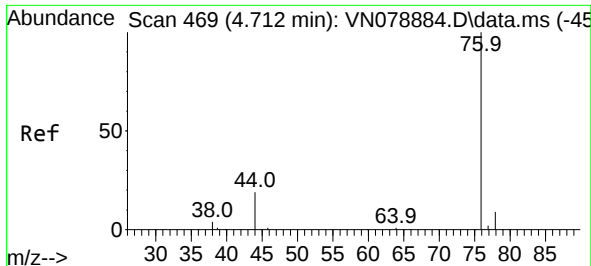
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#16
Acetone
Concen: 103.760 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

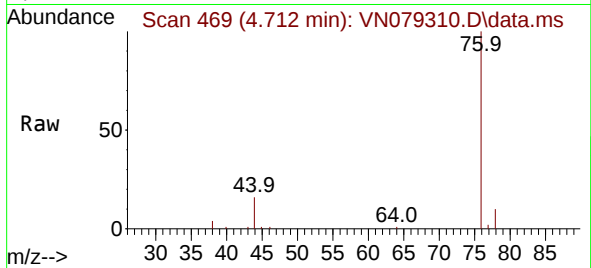
Tgt Ion: 43 Resp: 95752
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0





#17
Carbon Disulfide
Concen: 14.541 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

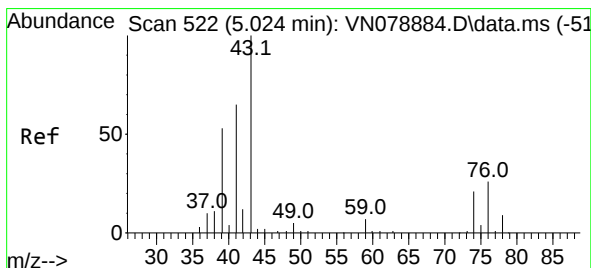
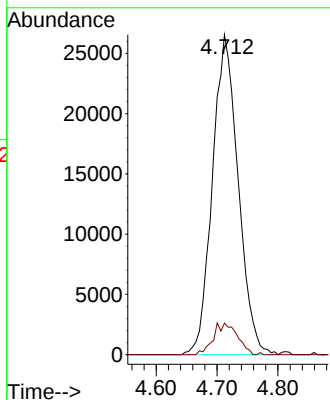
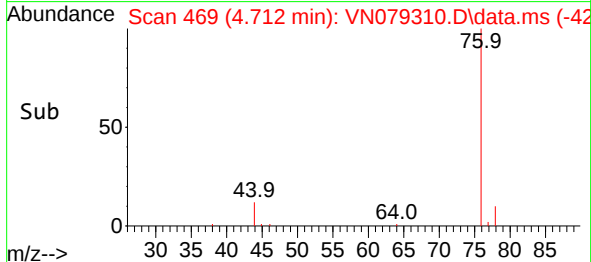
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



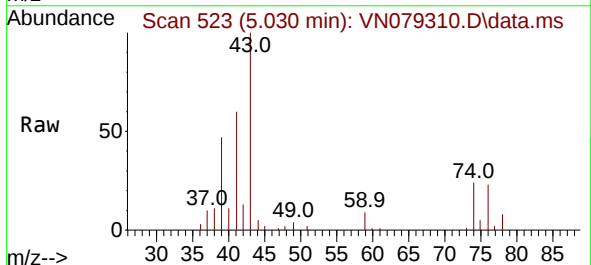
Tgt Ion: 76 Resp: 7802
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

Manual Integrations
APPROVED

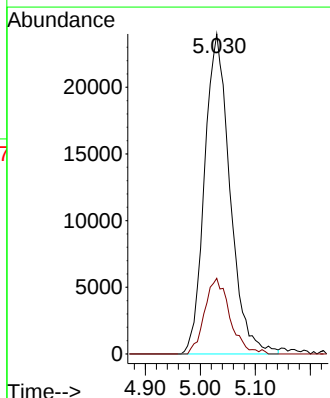
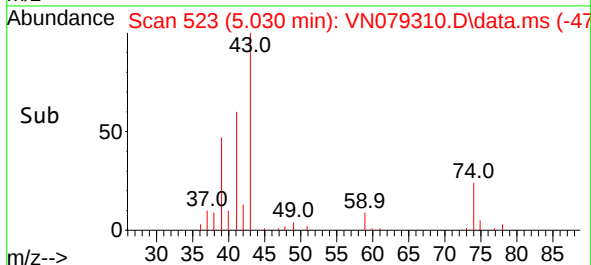
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

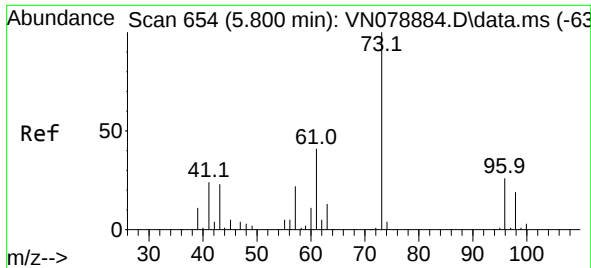


#18
Methyl Acetate
Concen: 20.384 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



Tgt Ion: 43 Resp: 77309
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#





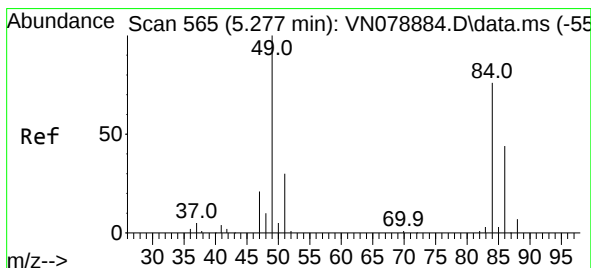
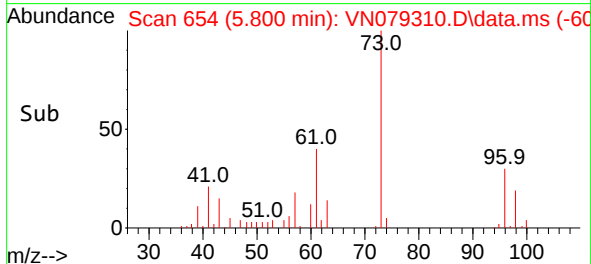
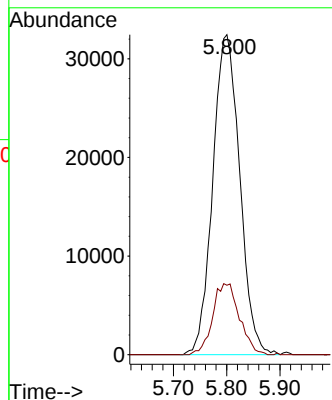
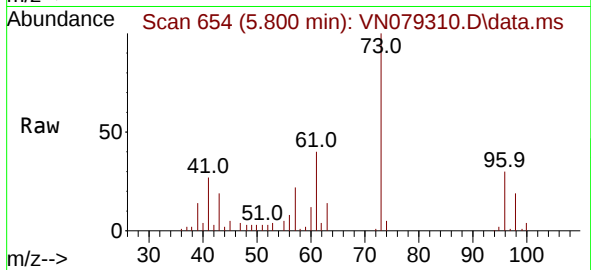
#19
Methyl tert-butyl Ether
Concen: 19.389 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.018 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 73 Resp: 114160
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

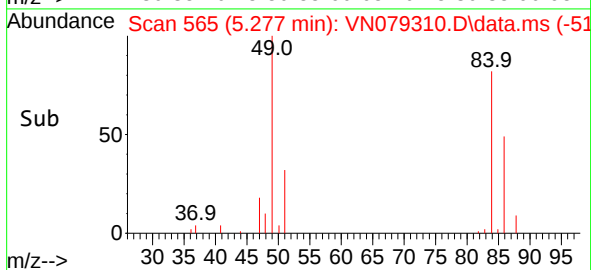
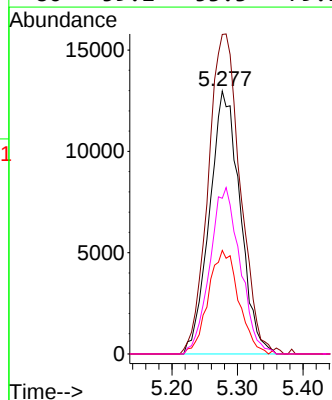
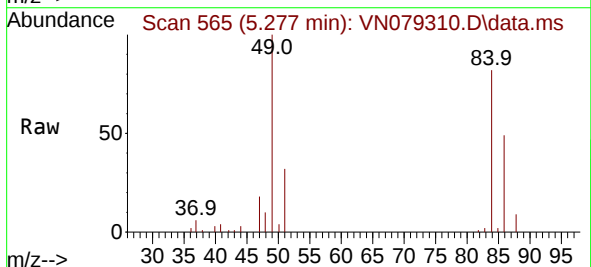
Manual Integrations
APPROVED

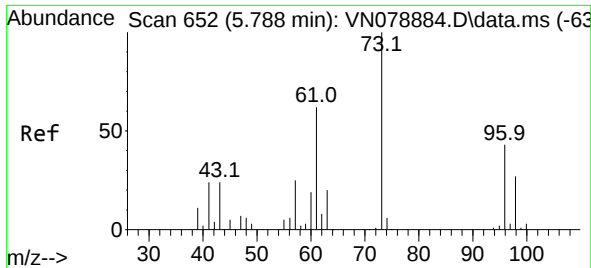
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#20
Methylene Chloride
Concen: 18.668 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion: 84 Resp: 41923
Ion Ratio Lower Upper
84 100
49 121.5 79.7 119.5#
51 39.4 25.2 37.8#
86 59.2 53.3 79.9





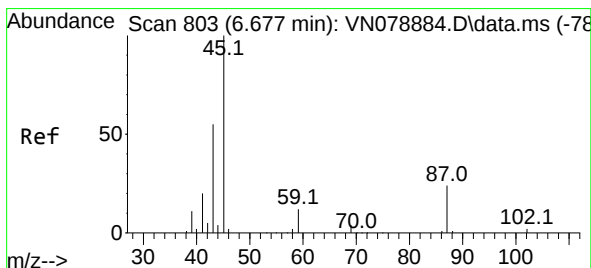
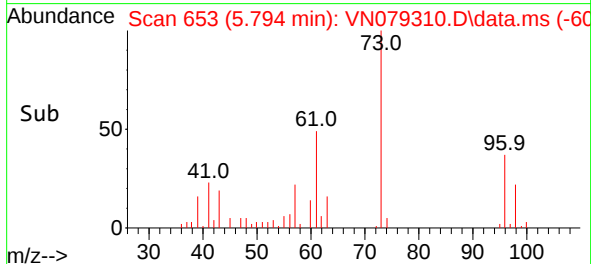
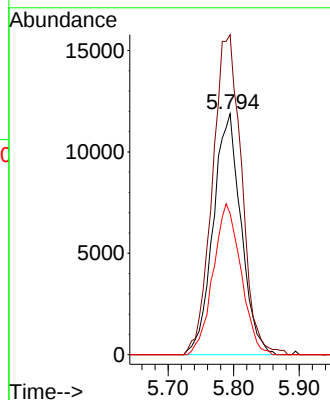
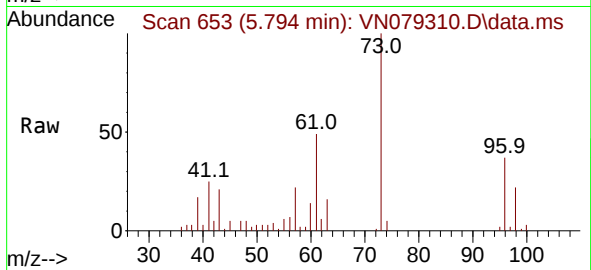
#21
trans-1,2-Dichloroethene
Concen: 17.607 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 96 Resp: 35064
Ion Ratio Lower Upper
96 100
61 132.8 90.1 135.1
98 58.6 46.4 69.6

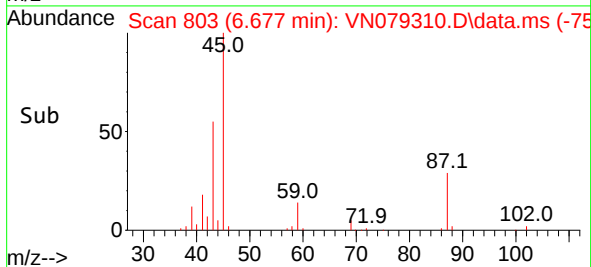
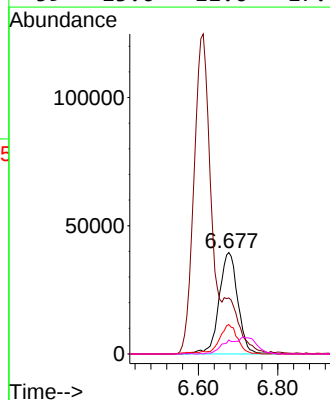
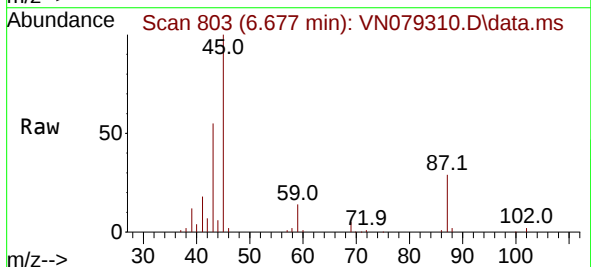
Manual Integrations
APPROVED

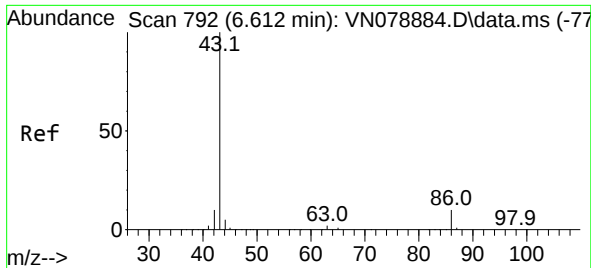
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#22
Diisopropyl ether
Concen: 21.535 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion: 45 Resp: 129401
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 29.0 31.8 47.8#
59 13.6 11.6 17.4





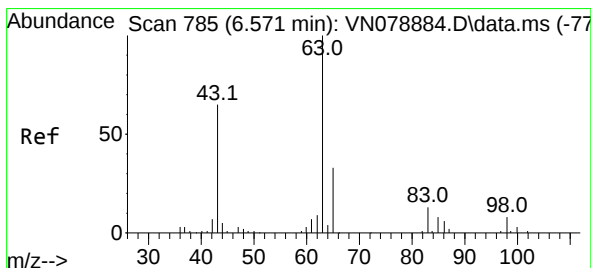
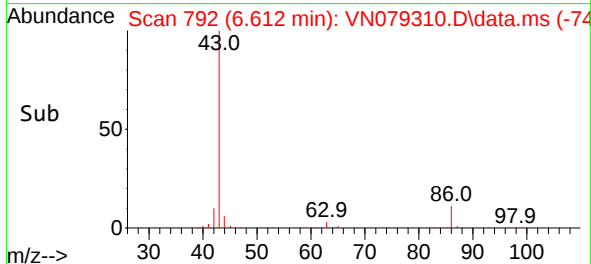
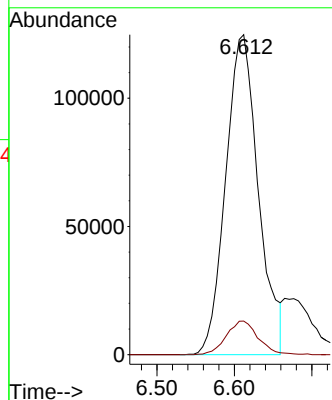
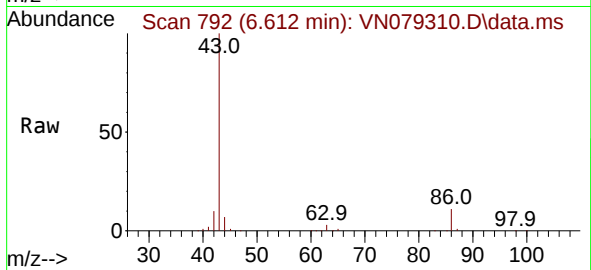
#23
 Vinyl Acetate
 Concen: 99.169 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079310.D
 Acq: 20 Sep 2023 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01

Tgt Ion: 43 Resp: 366520
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

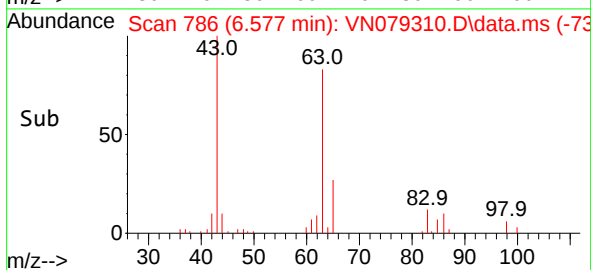
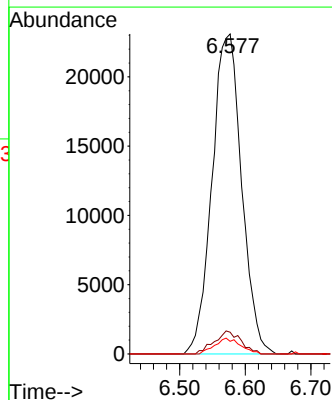
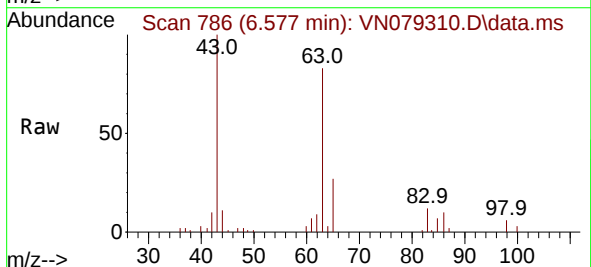
Manual Integrations
 APPROVED

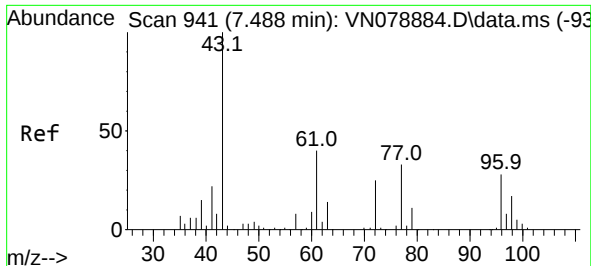
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#24
 1,1-Dichloroethane
 Concen: 19.514 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079310.D
 Acq: 20 Sep 2023 14:52

Tgt Ion: 63 Resp: 72284
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 3.9 2.5 7.4





#25

2-Butanone

Concen: 98.944 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion: 43 Resp: 13248

Ion Ratio Lower Upper

43 100

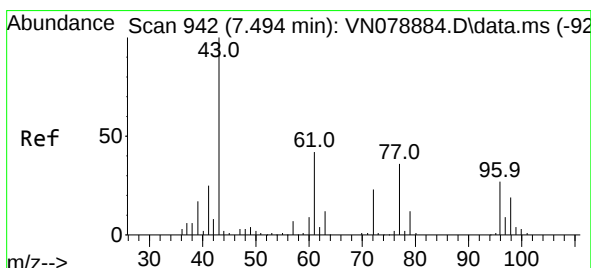
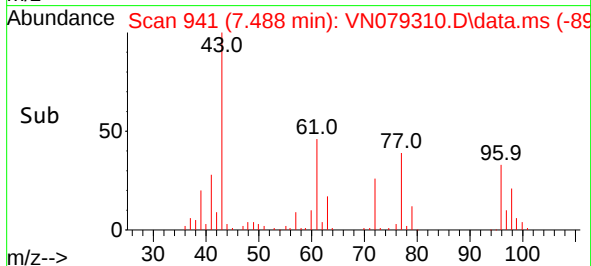
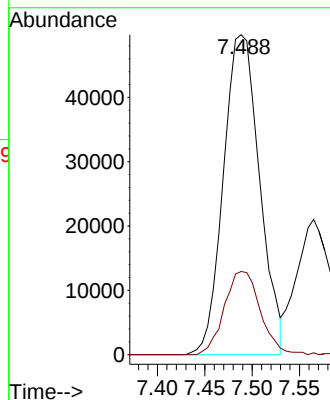
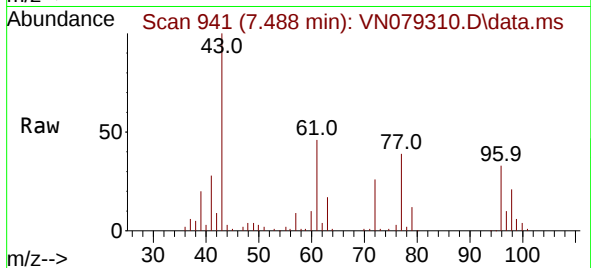
72 26.0 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#26

2,2-Dichloropropane

Concen: 18.601 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079310.D

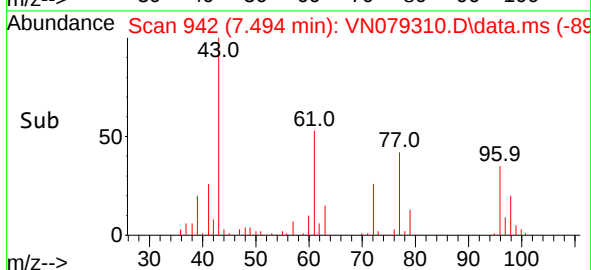
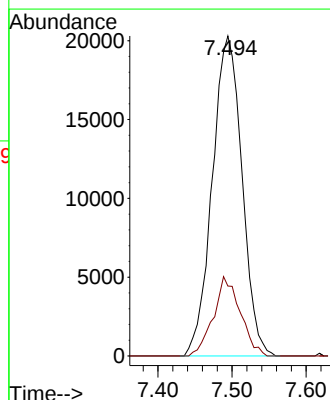
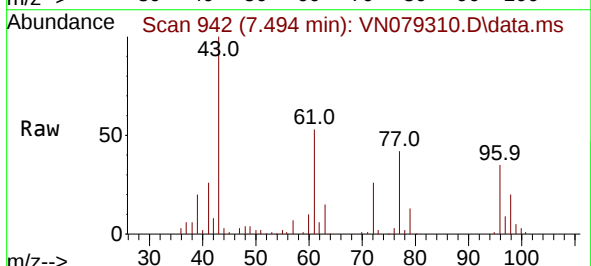
Acq: 20 Sep 2023 14:52

Tgt Ion: 77 Resp: 56543

Ion Ratio Lower Upper

77 100

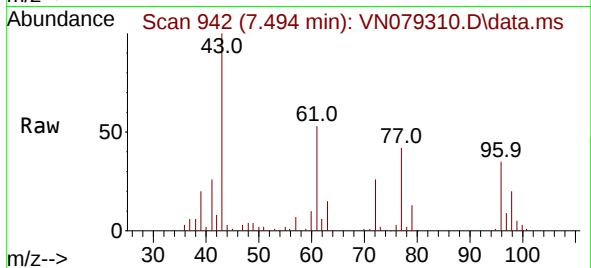
97 22.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.801 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079310.D
 Acq: 20 Sep 2023 14:52

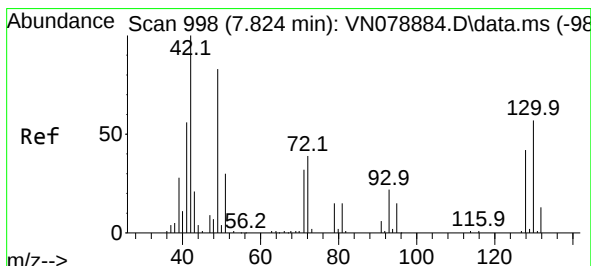
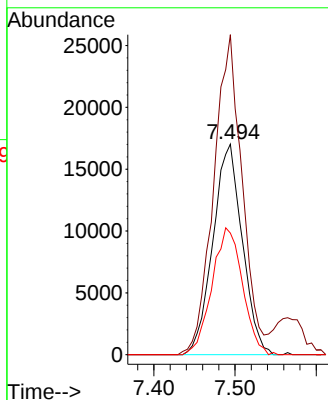
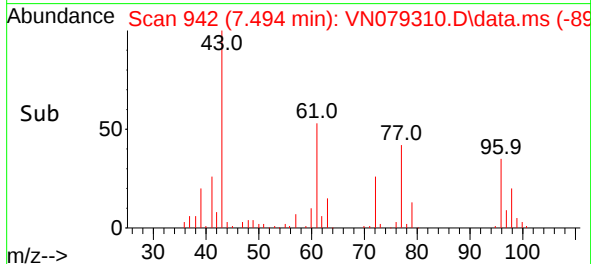
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01



Tgt Ion: 96 Resp: 42814
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 255.2
 98 62.7 0.0 128.8

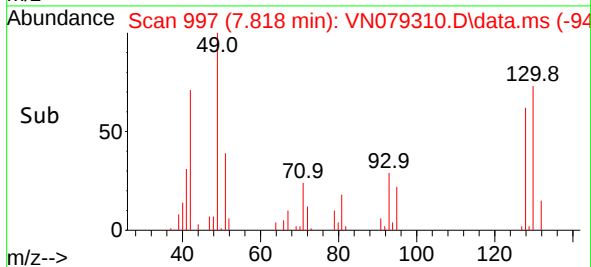
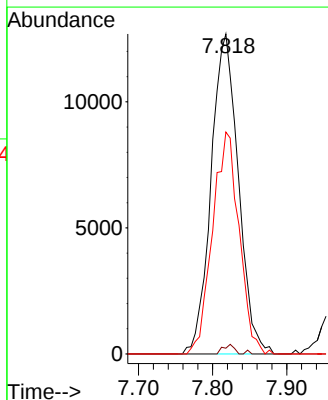
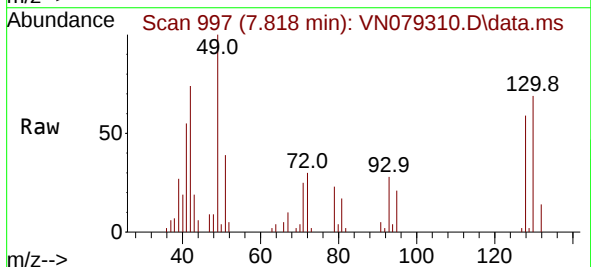
Manual Integrations
 APPROVED

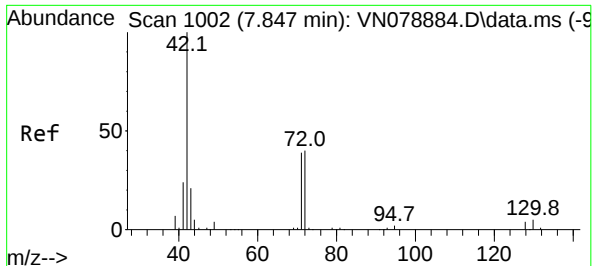
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#28
 Bromochloromethane
 Concen: 19.382 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079310.D
 Acq: 20 Sep 2023 14:52

Tgt Ion: 49 Resp: 32461
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 67.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 100.566 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion: 42 Resp: 85690

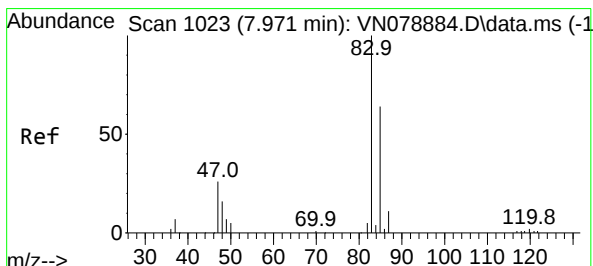
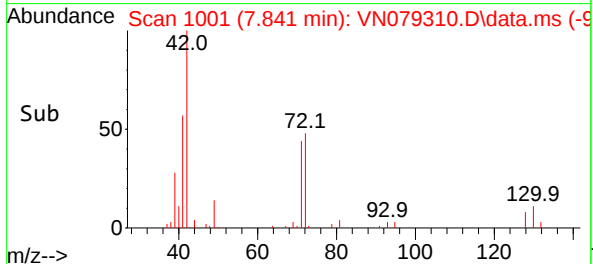
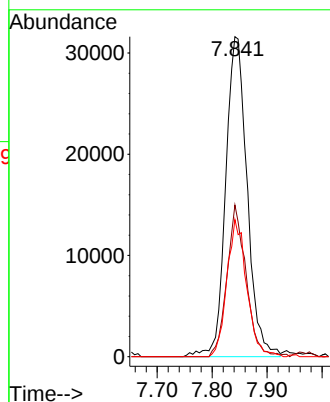
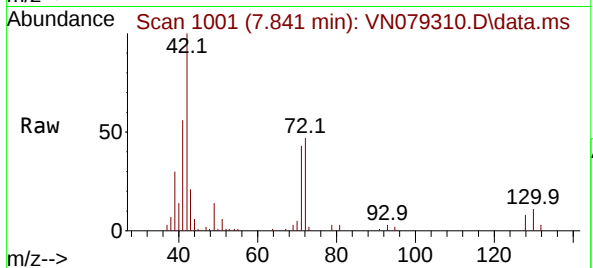
Ion	Ratio	Lower	Upper
42	100		
72	42.3	49.8	74.6
71	39.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#30

Chloroform

Concen: 19.821 ug/l

RT: 7.971 min Scan# 1023

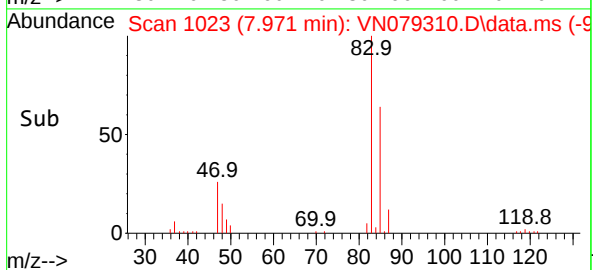
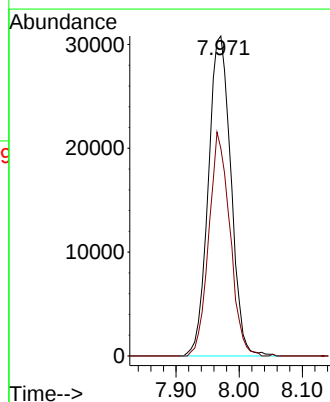
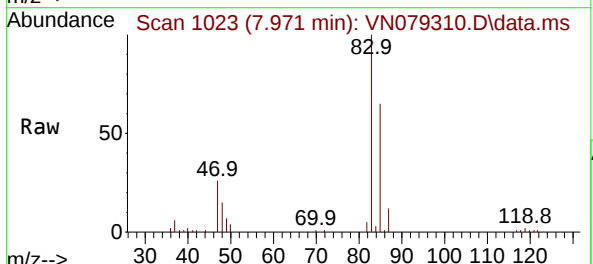
Delta R.T. -0.006 min

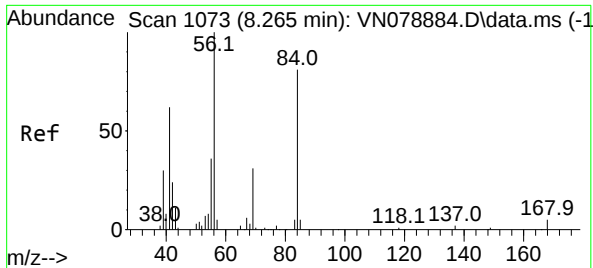
Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Tgt Ion: 83 Resp: 76441

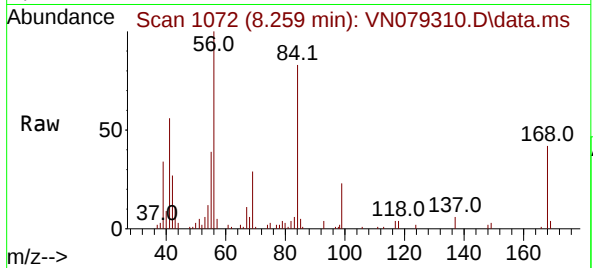
Ion	Ratio	Lower	Upper
83	100		
85	64.8	55.4	83.0





#31
Cyclohexane
Concen: 18.171 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

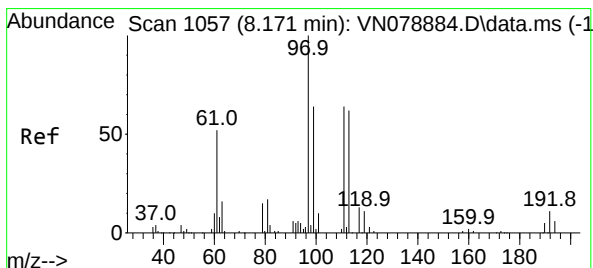
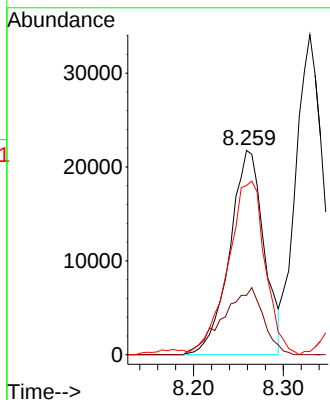
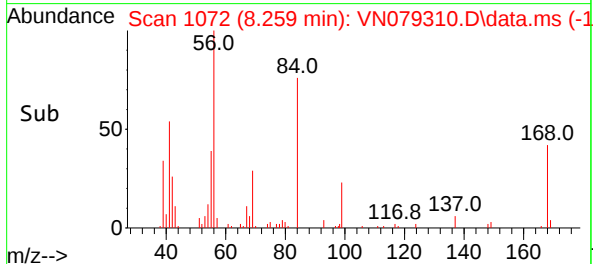
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



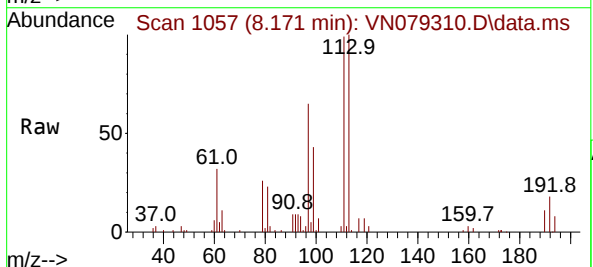
Tgt Ion: 56 Resp: 57650
Ion Ratio Lower Upper
56 100
69 29.1 26.8 40.2
84 80.8 81.8 122.6

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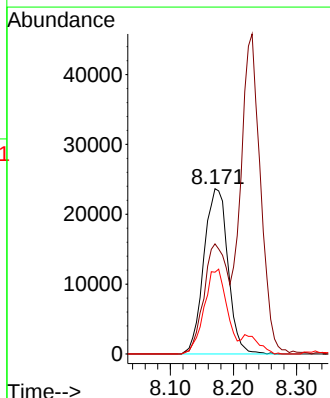
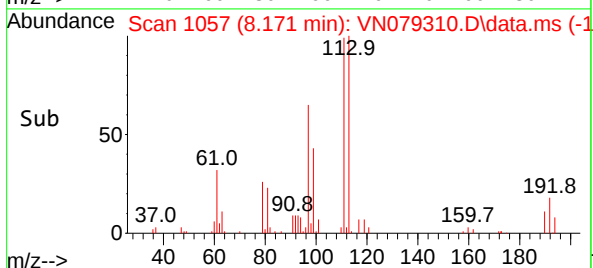
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

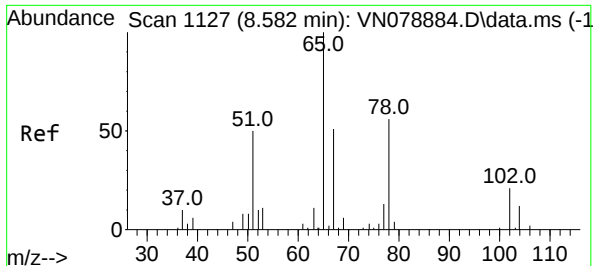


#32
1,1,1-Trichloroethane
Concen: 19.054 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



Tgt Ion: 97 Resp: 62640
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 48.3 34.7 52.1





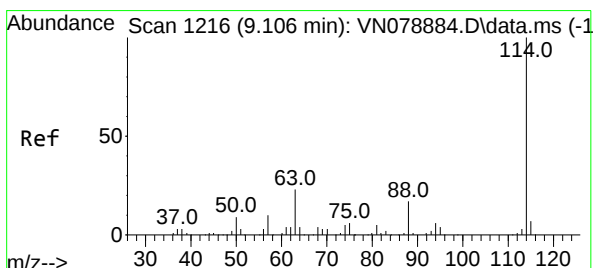
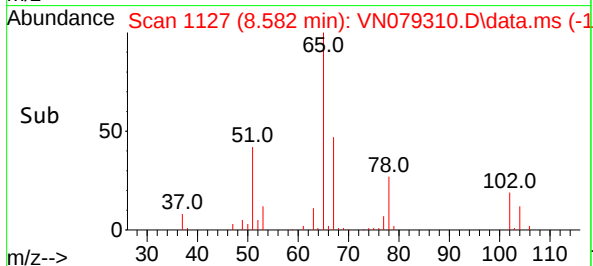
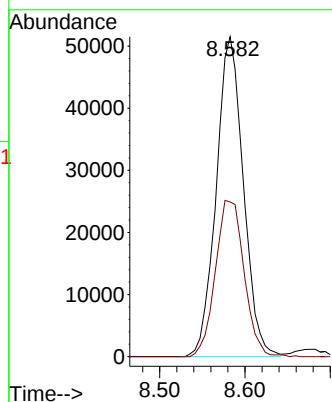
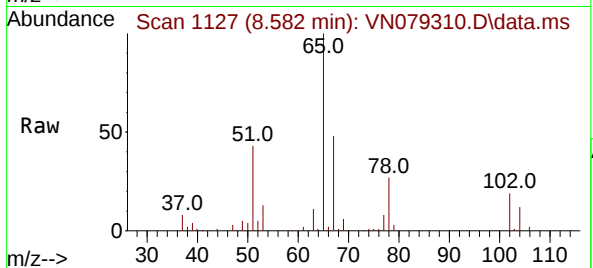
#33
1,2-Dichloroethane-d4
Concen: 52.407 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 65 Resp: 11387
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

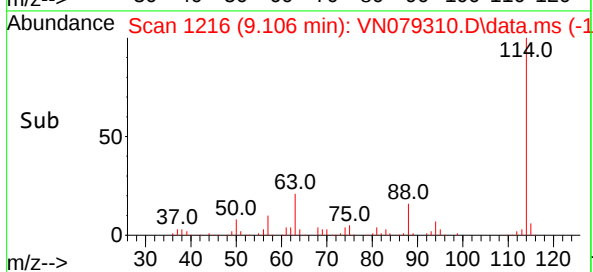
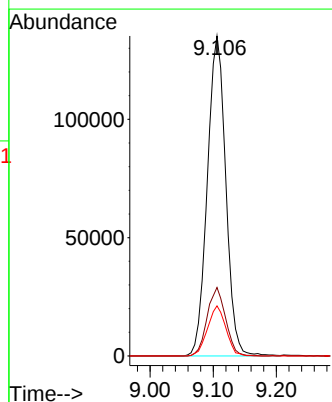
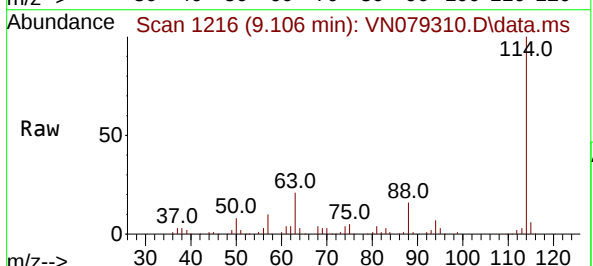
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion:114 Resp: 275081
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.999 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

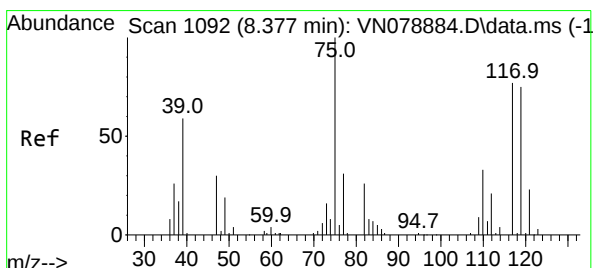
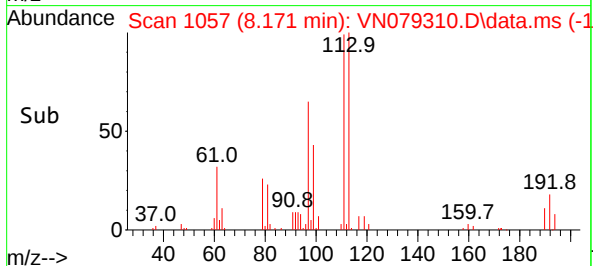
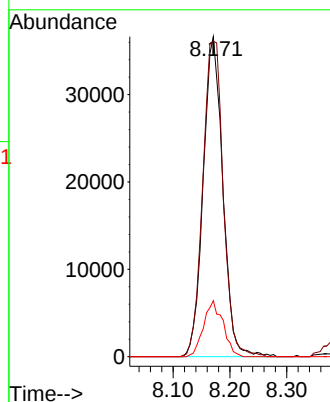
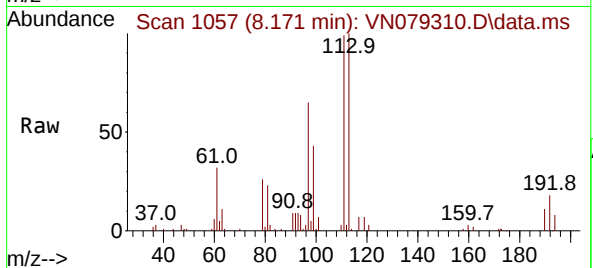
Tgt Ion:	113	Resp:	8782
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	123.8
192	17.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#36

1,1-Dichloropropene

Concen: 18.765 ug/l

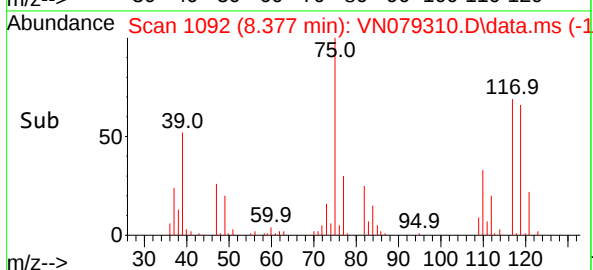
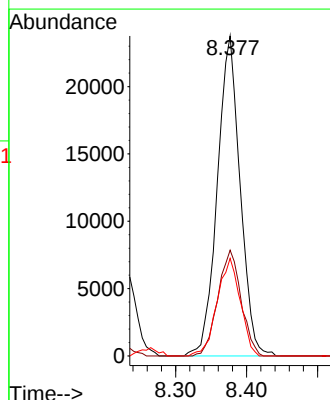
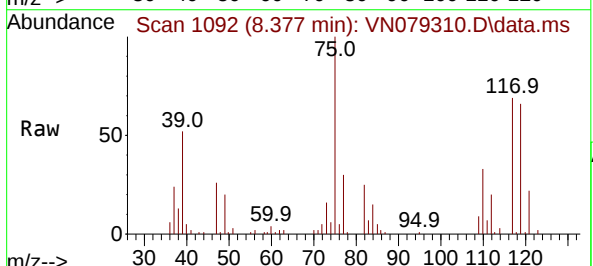
RT: 8.377 min Scan# 1092

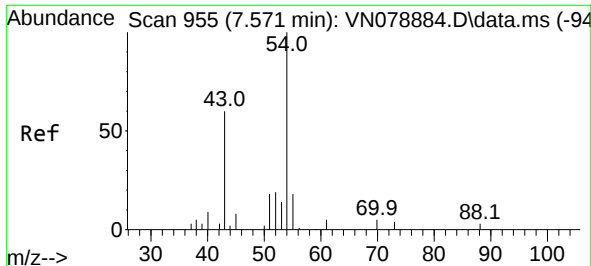
Delta R.T. -0.000 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Tgt Ion:	75	Resp:	52926
Ion Ratio	Lower	Upper	
75	100		
110	33.7	19.1	57.3
77	30.8	25.0	37.4





#37

Ethyl Acetate

Concen: 20.279 ug/l

RT: 7.565 min Scan# 955

Delta R.T. -0.006 min

Lab File: VN079310.D

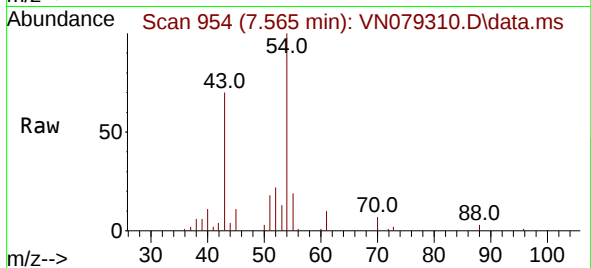
Acq: 20 Sep 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01



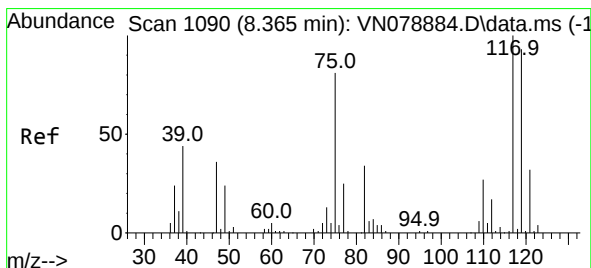
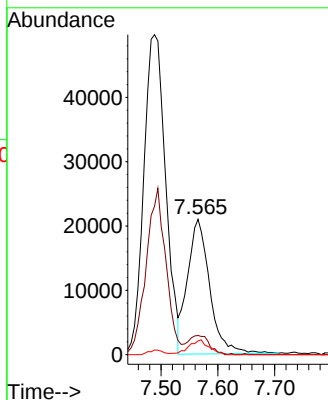
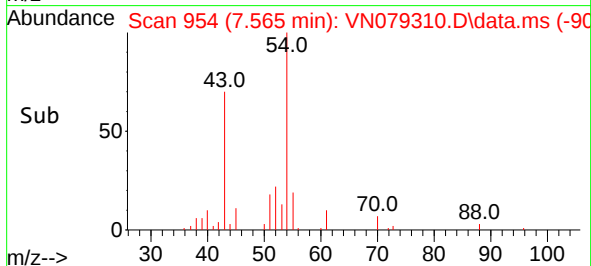
Tgt Ion:	43	Resp:	57040
Ion Ratio	Lower	Upper	
43	100		
61	12.9	13.2	19.8
70	10.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#38

Carbon Tetrachloride

Concen: 18.123 ug/l

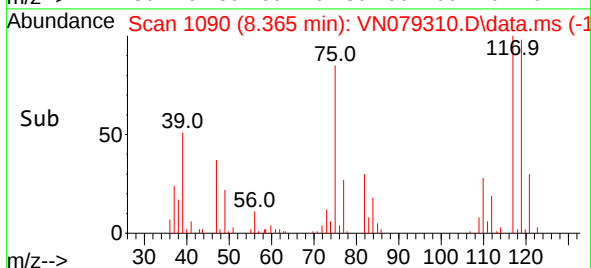
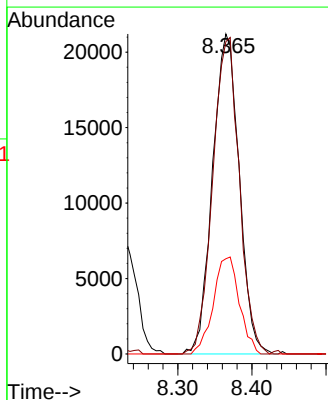
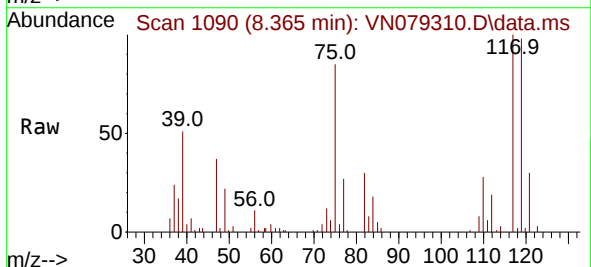
RT: 8.365 min Scan# 1090

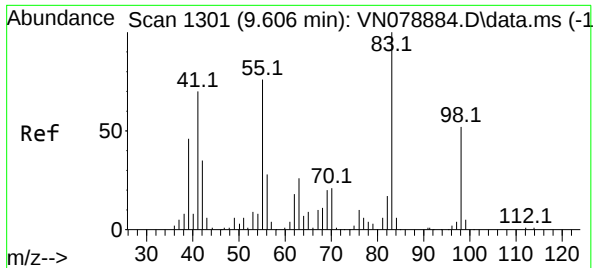
Delta R.T. -0.006 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Tgt Ion:	117	Resp:	52896
Ion Ratio	Lower	Upper	
117	100		
119	97.6	77.3	115.9
121	29.8	23.3	34.9





#39

Methylcyclohexane

Concen: 17.637 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion: 83 Resp: 4906

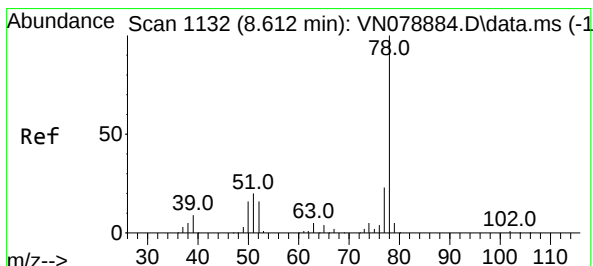
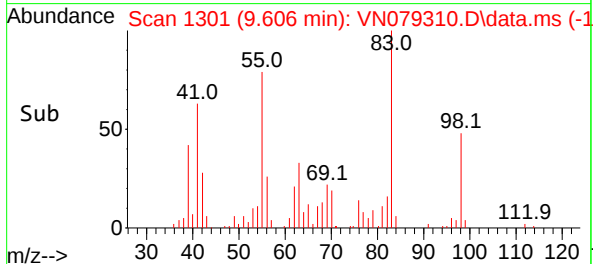
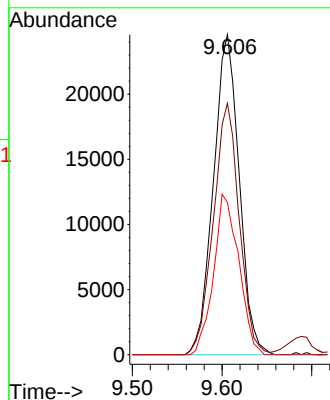
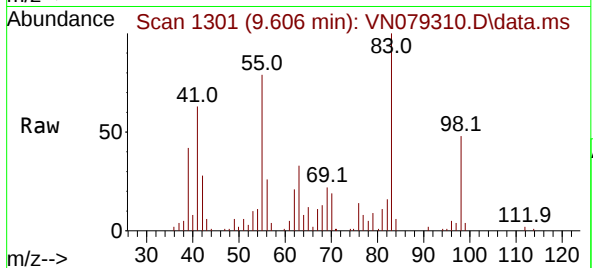
Ion	Ratio	Lower	Upper
83	100		
55	78.6	49.1	73.7
98	47.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#40

Benzene

Concen: 18.903 ug/l

RT: 8.612 min Scan# 1132

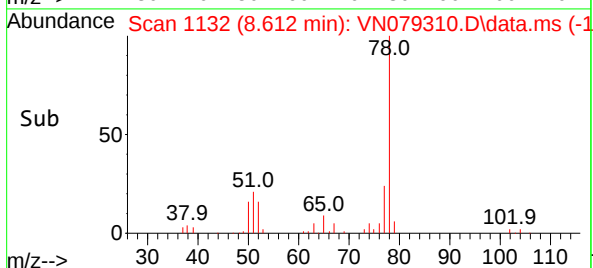
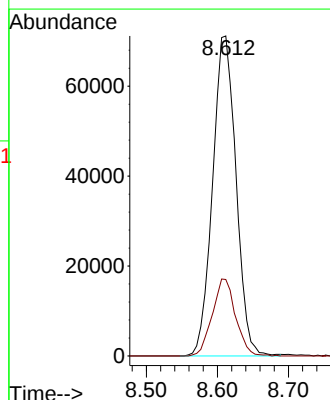
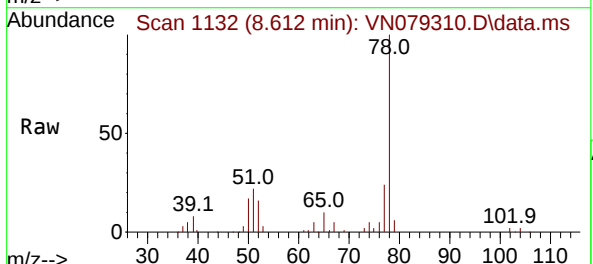
Delta R.T. -0.000 min

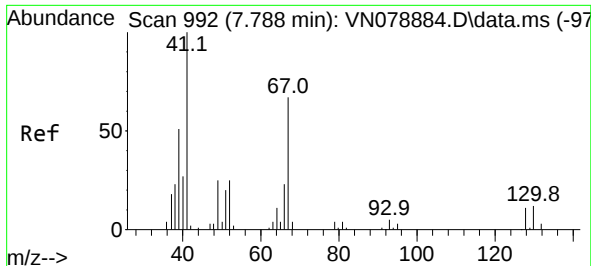
Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Tgt Ion: 78 Resp: 163207

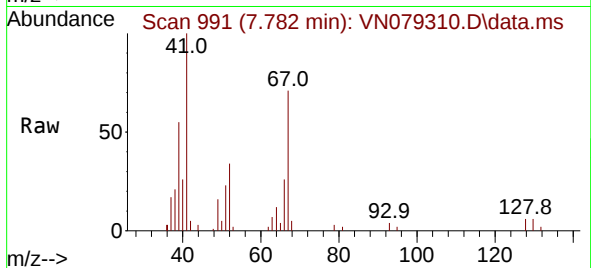
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





#41
Methacrylonitrile
Concen: 20.962 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

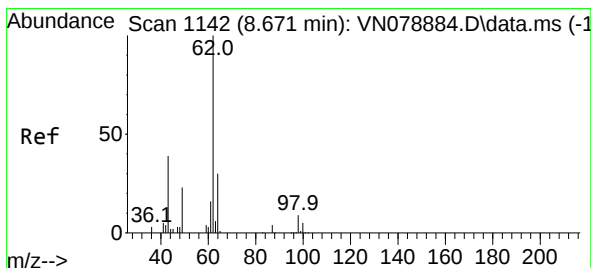
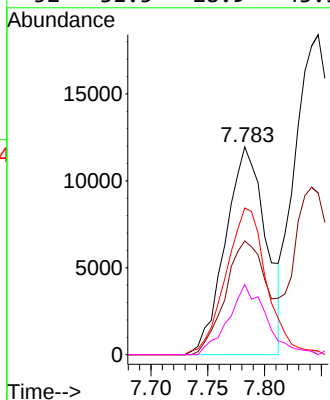
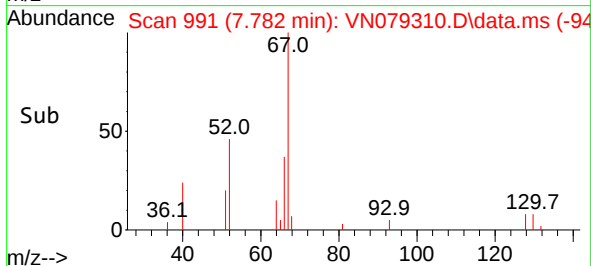
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 41 Resp: 2973
Ion Ratio Lower Upper
41 100
39 57.0 42.6 64.0
67 71.2 77.5 116.3
52 31.5 28.9 43.3

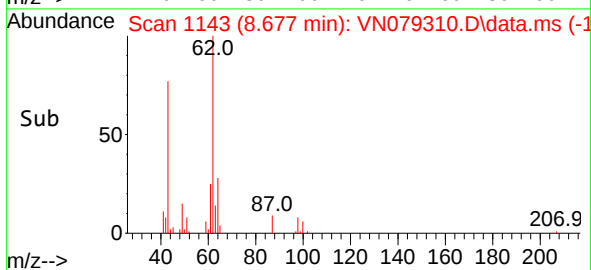
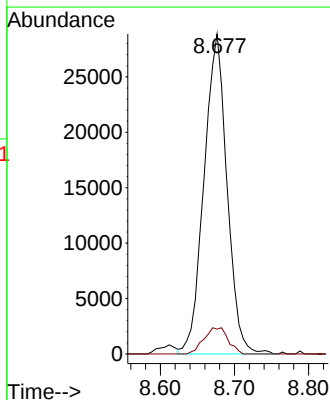
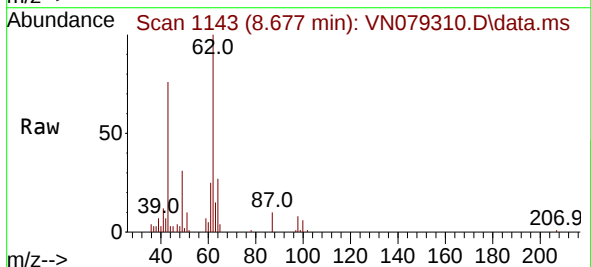
Manual Integrations
APPROVED

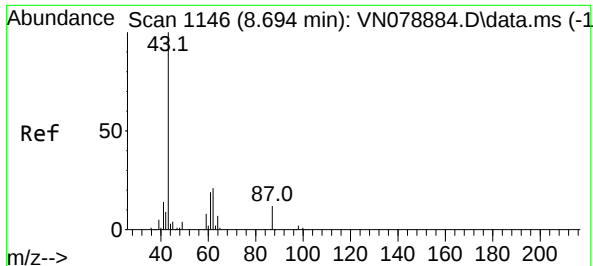
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#42
1,2-Dichloroethane
Concen: 20.957 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

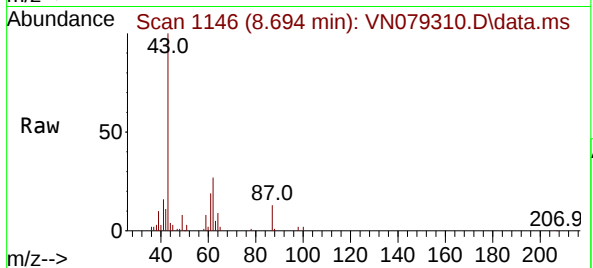
Tgt Ion: 62 Resp: 62291
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.269 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

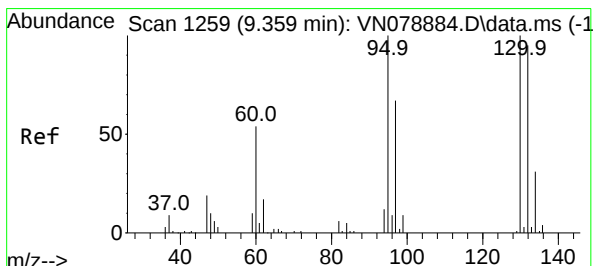
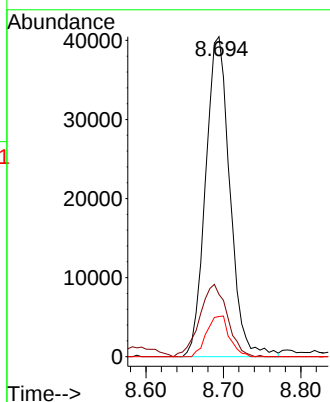
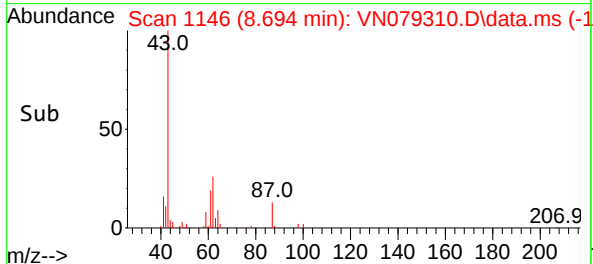
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 43 Resp: 8844
Ion Ratio Lower Upper
43 100
61 25.7 24.7 37.1
87 11.9 14.6 21.8

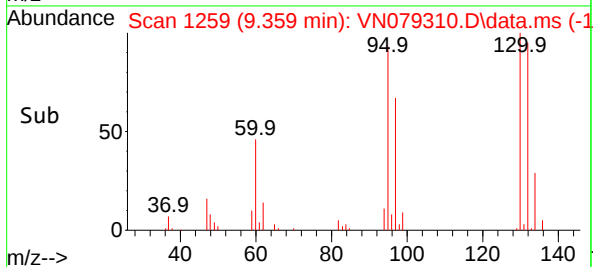
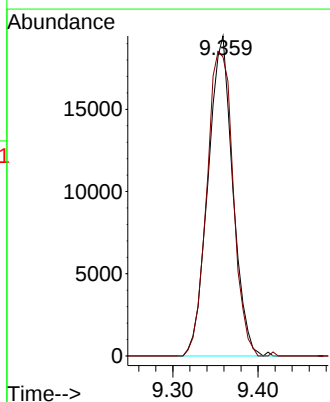
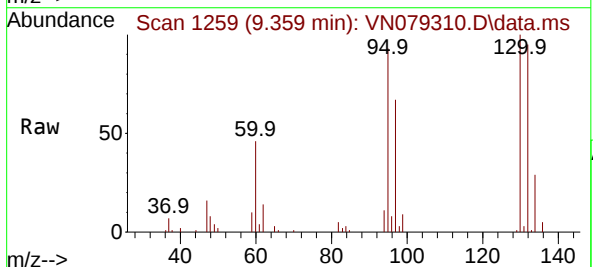
Manual Integrations
APPROVED

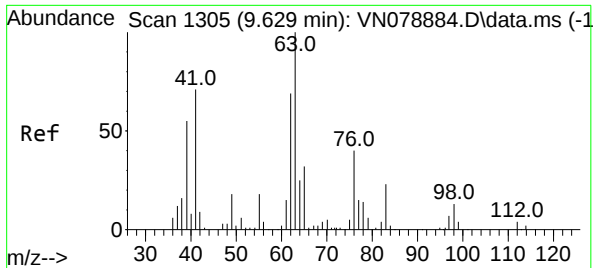
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#44
Trichloroethene
Concen: 18.504 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion:130 Resp: 39357
Ion Ratio Lower Upper
130 100
95 93.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.837 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion: 63 Resp: 44649

Ion Ratio Lower Upper

63 100

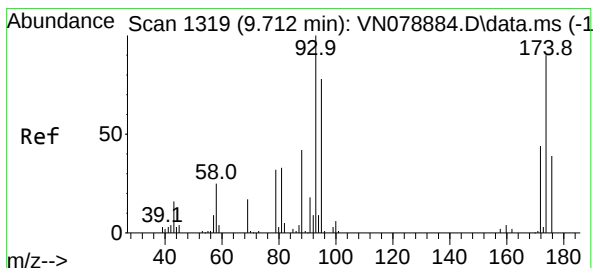
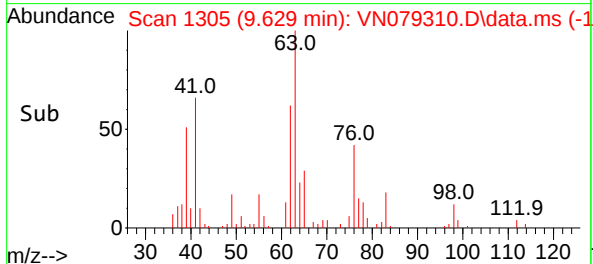
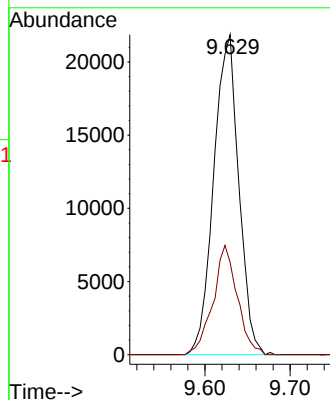
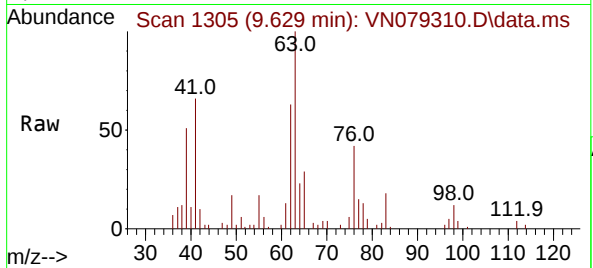
65 28.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

Dibromomethane

Concen: 20.687 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

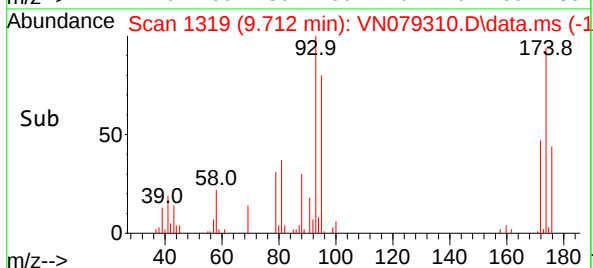
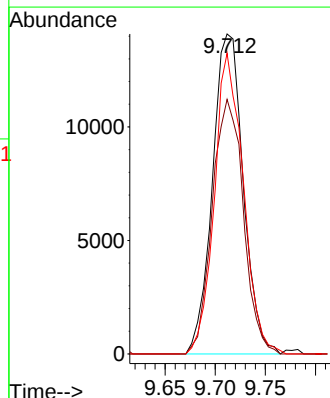
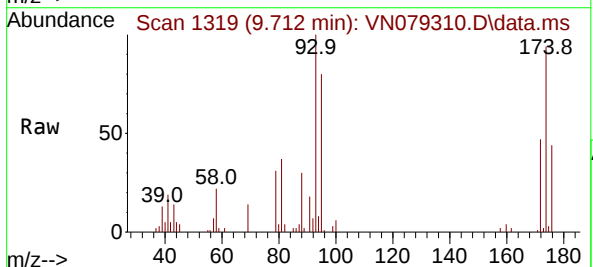
Tgt Ion: 93 Resp: 30092

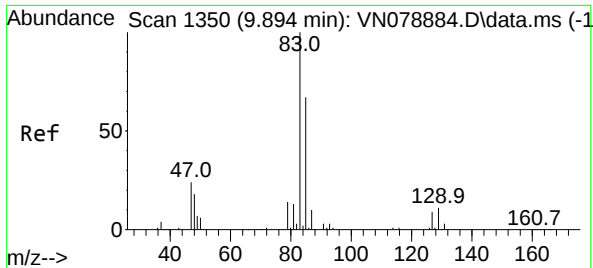
Ion Ratio Lower Upper

93 100

95 80.4 63.8 95.8

174 88.3 65.6 98.4





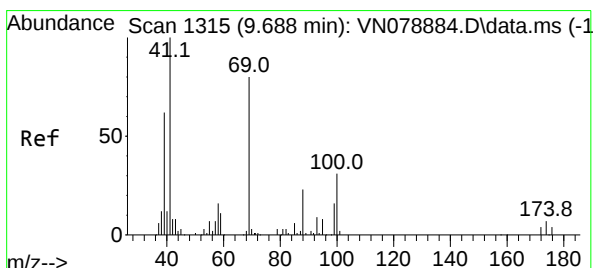
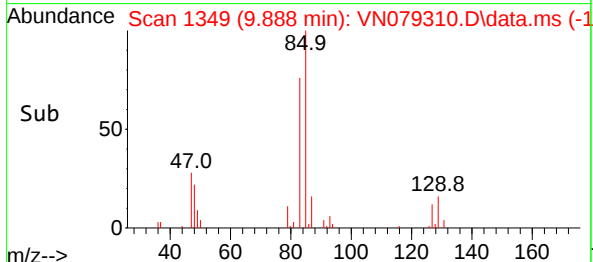
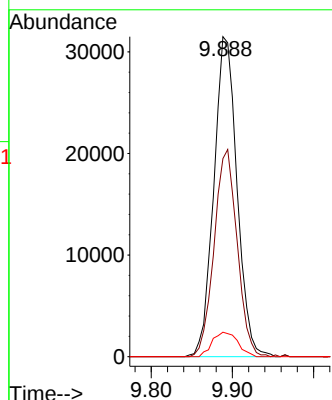
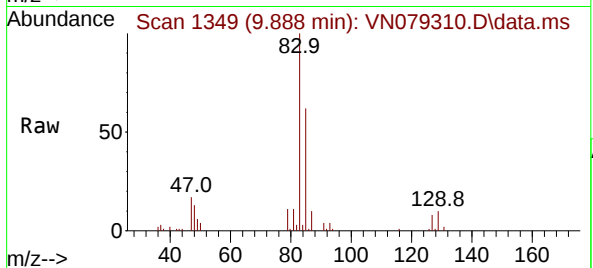
#47
Bromodichloromethane
Concen: 20.997 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 83 Resp: 62550
Ion Ratio Lower Upper
83 100
85 61.9 49.6 74.4
127 7.6 7.0 10.6

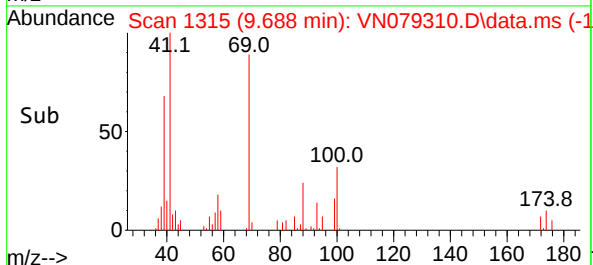
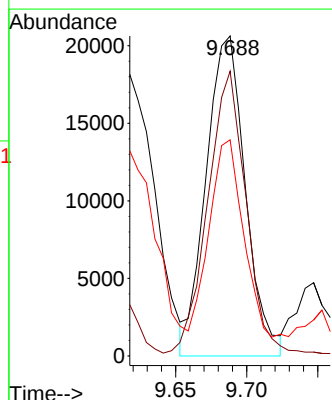
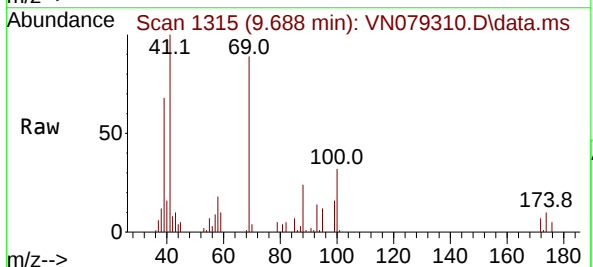
Manual Integrations
APPROVED

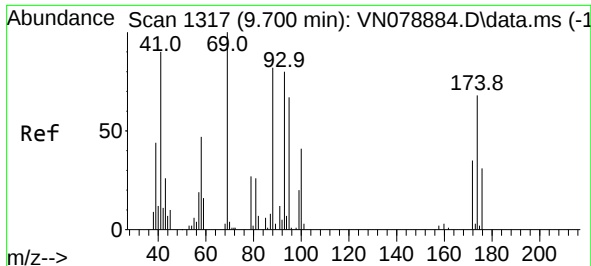
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#48
Methyl methacrylate
Concen: 19.310 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

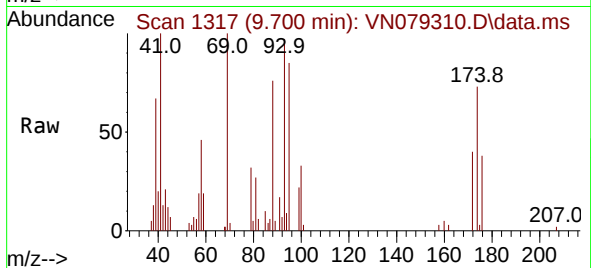
Tgt Ion: 41 Resp: 39701
Ion Ratio Lower Upper
41 100
69 88.2 90.4 135.6#
39 65.8 54.6 81.8





#49
1,4-Dioxane
Concen: 346.903 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

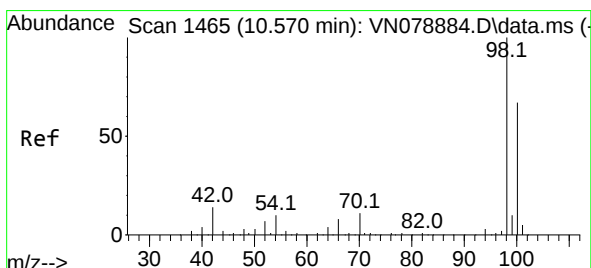
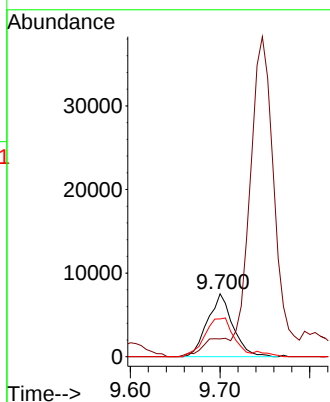
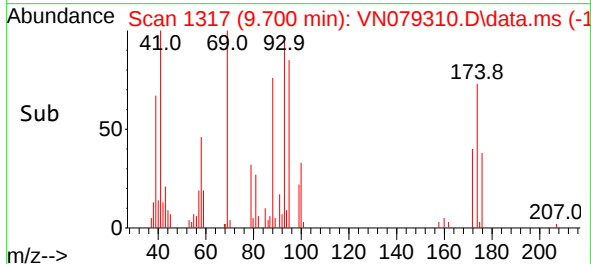
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



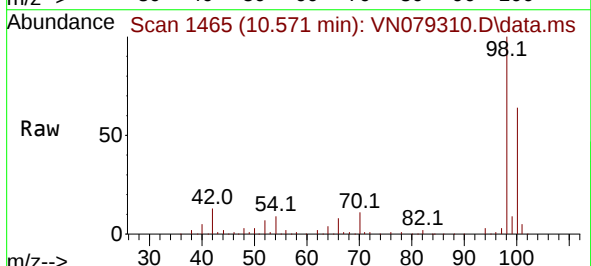
Tgt Ion: 88 Resp: 14670
Ion Ratio Lower Upper
88 100
43 23.0 17.0 25.6
58 70.4 47.0 70.4

Manual Integrations
APPROVED

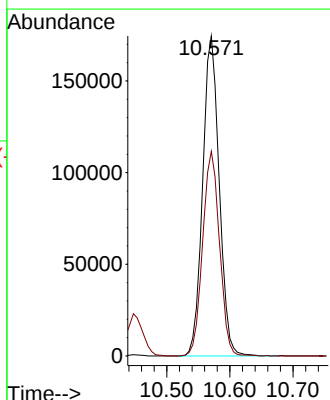
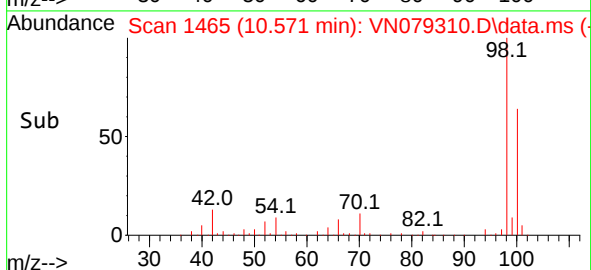
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

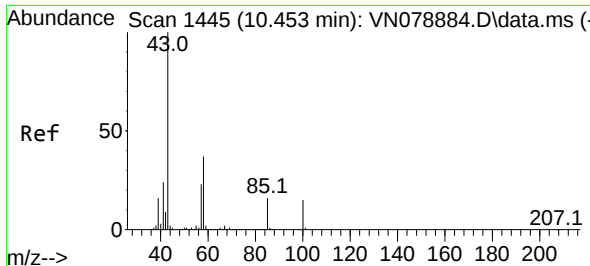


#50
Toluene-d8
Concen: 47.307 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



Tgt Ion: 98 Resp: 317841
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





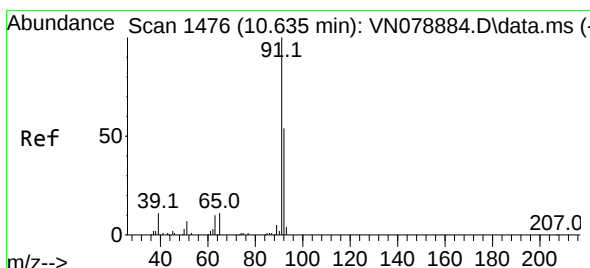
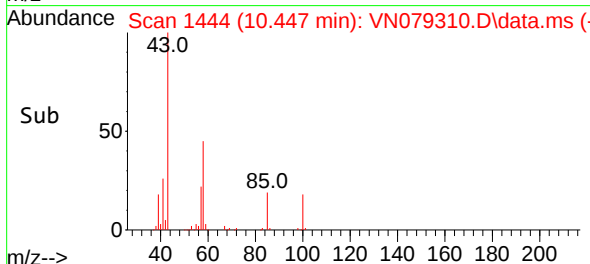
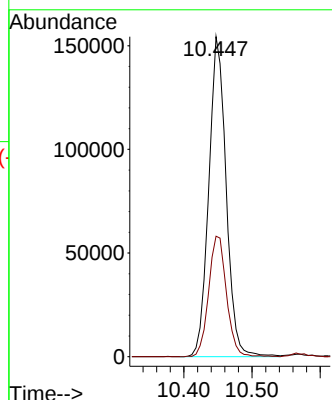
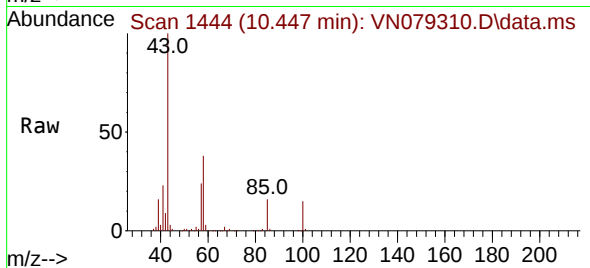
#51
4-Methyl-2-Pentanone
Concen: 102.796 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 43 Resp: 273904
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8

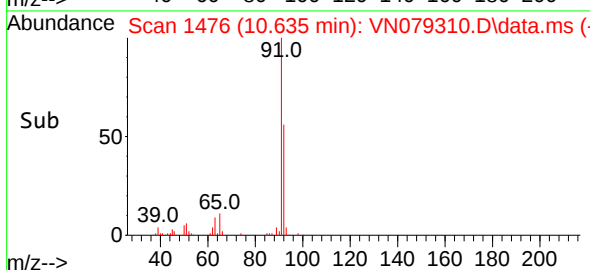
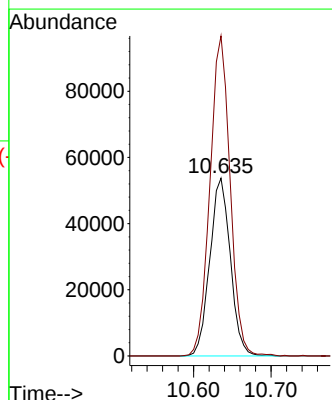
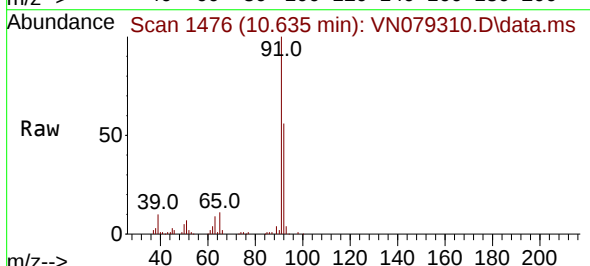
Manual Integrations
APPROVED

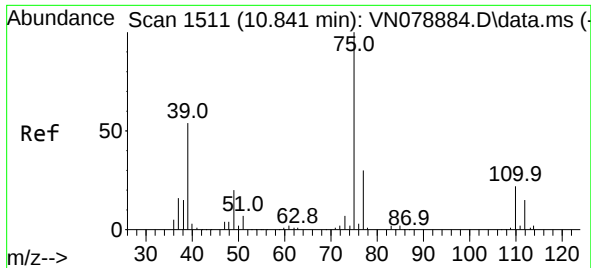
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#52
Toluene
Concen: 18.648 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

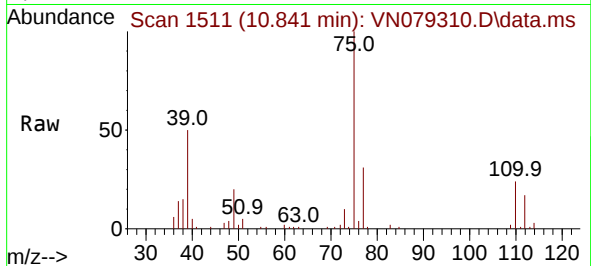
Tgt Ion: 92 Resp: 98946
Ion Ratio Lower Upper
92 100
91 176.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.864 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

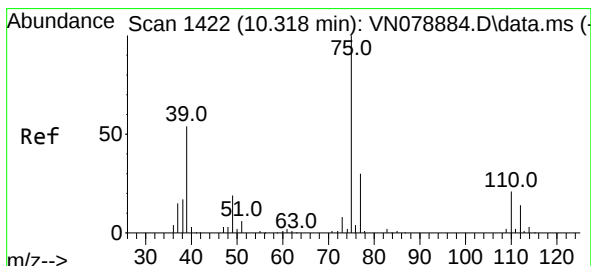
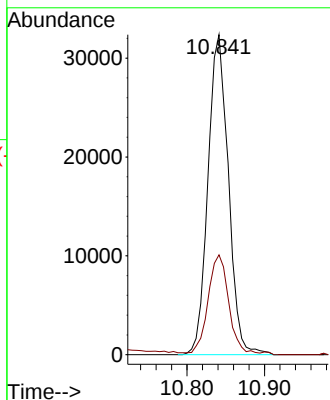
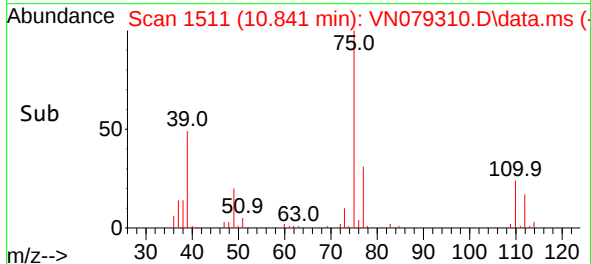
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



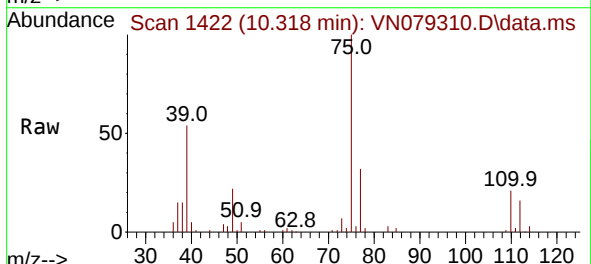
Tgt Ion: 75 Resp: 5926
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

Manual Integrations
APPROVED

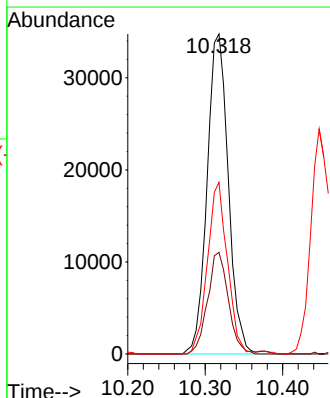
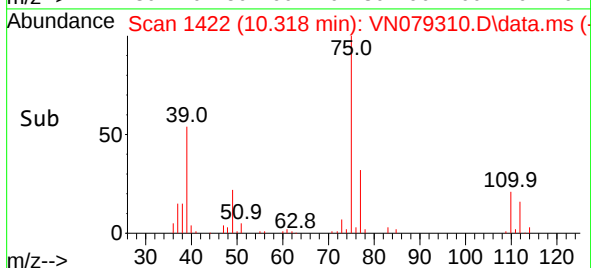
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

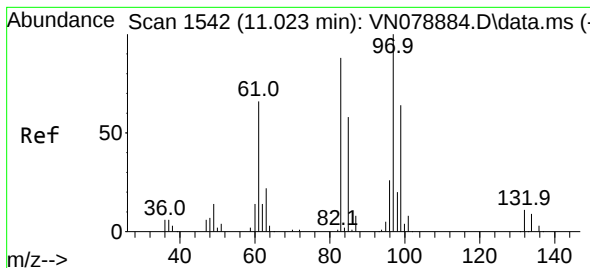


#54
cis-1,3-Dichloropropene
Concen: 19.715 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



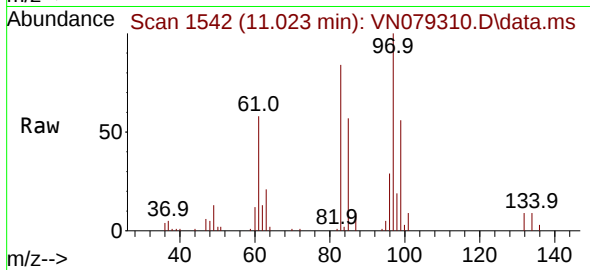
Tgt Ion: 75 Resp: 66242
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 53.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.621 ug/l
RT: 11.023 min Scan# 11023
Delta R.T. -0.001 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

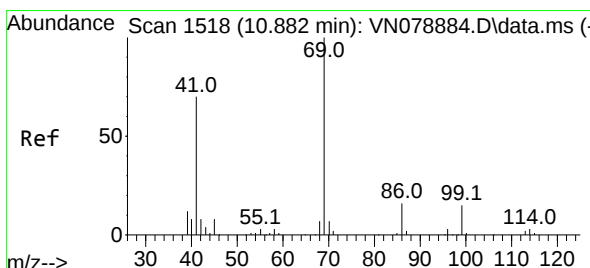
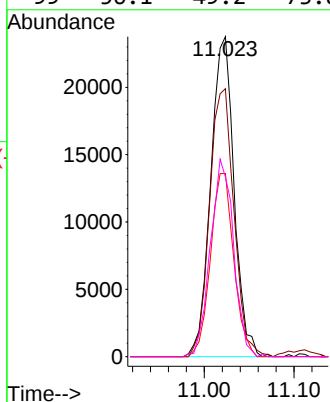
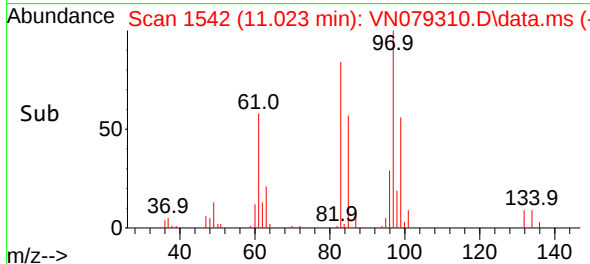
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



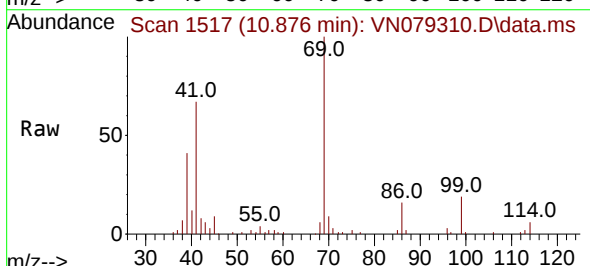
Tgt Ion: 97 Resp: 42934
Ion Ratio Lower Upper
97 100
83 83.8 65.1 97.7
85 57.2 43.4 65.2
99 56.1 49.2 73.8

Manual Integrations
APPROVED

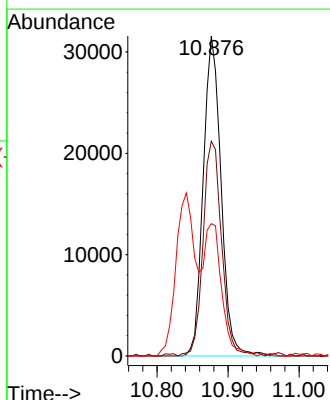
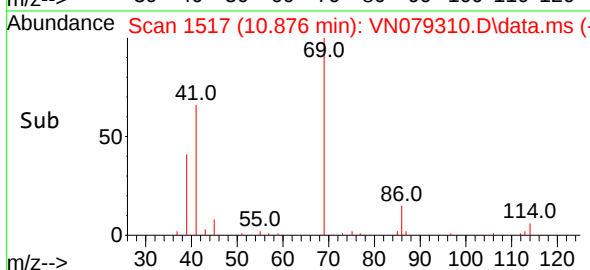
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

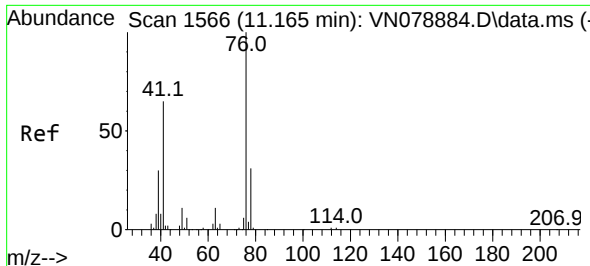


#56
Ethyl methacrylate
Concen: 18.785 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



Tgt Ion: 69 Resp: 55208
Ion Ratio Lower Upper
69 100
41 69.7 39.6 59.4#
39 42.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.269 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079310.D

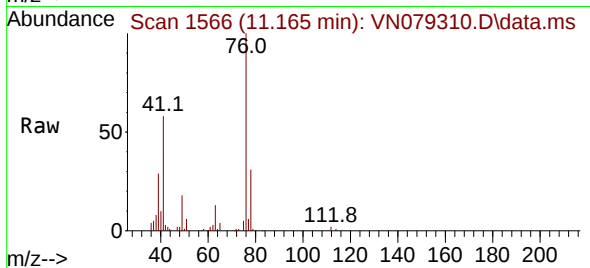
Acq: 20 Sep 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01



Tgt Ion: 76 Resp: 7295

Ion Ratio Lower Upper

76 100

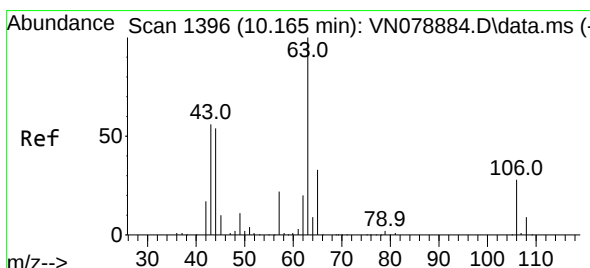
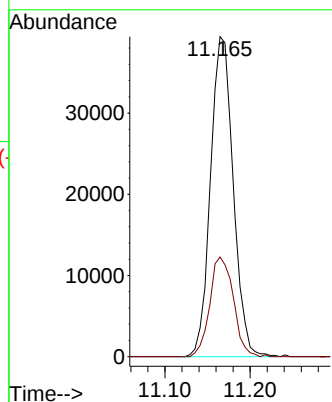
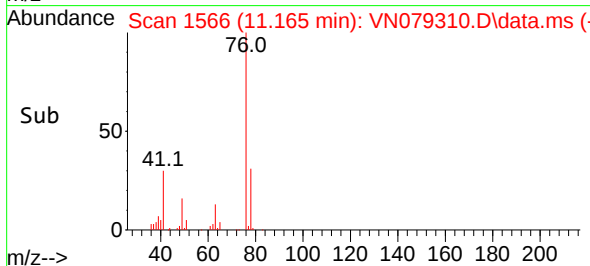
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 109.561 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079310.D

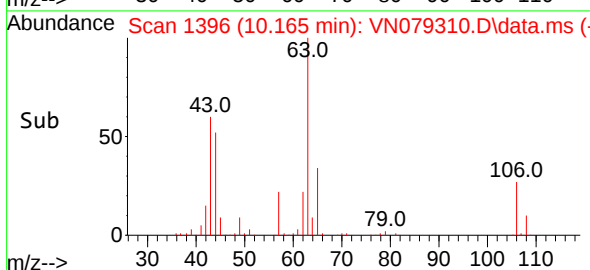
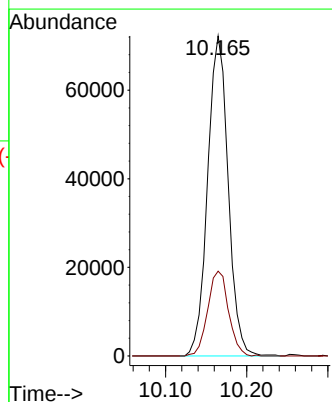
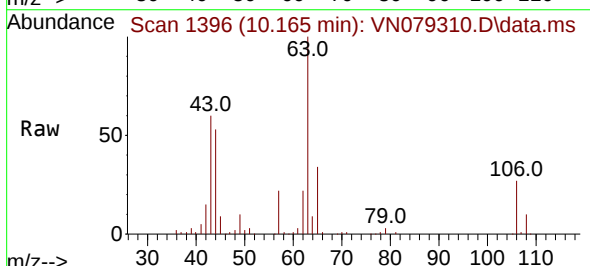
Acq: 20 Sep 2023 14:52

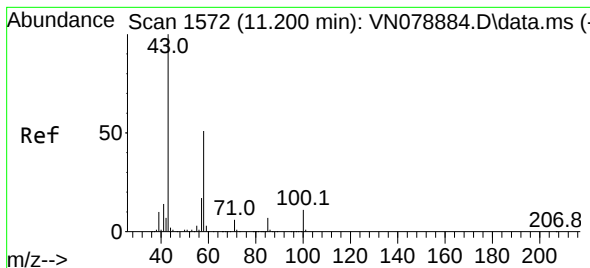
Tgt Ion: 63 Resp: 126920

Ion Ratio Lower Upper

63 100

106 26.8 26.2 39.4





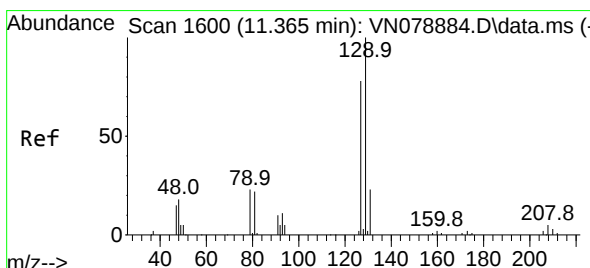
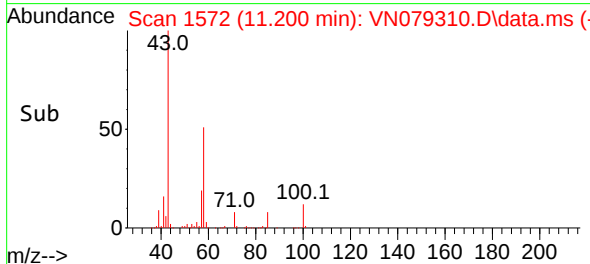
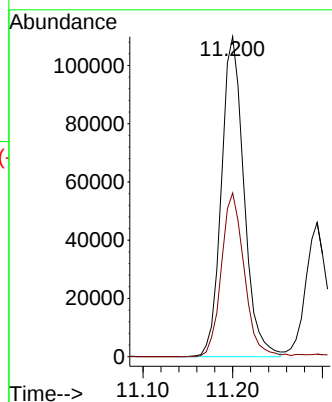
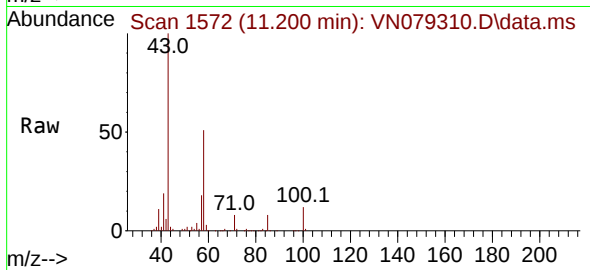
#59
2-Hexanone
Concen: 99.343 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 43 Resp: 19172
Ion Ratio Lower Upper
43 100
58 51.8 31.7 95.1

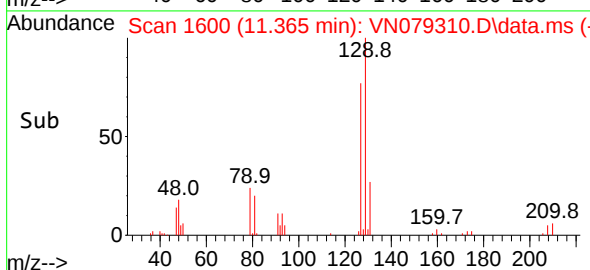
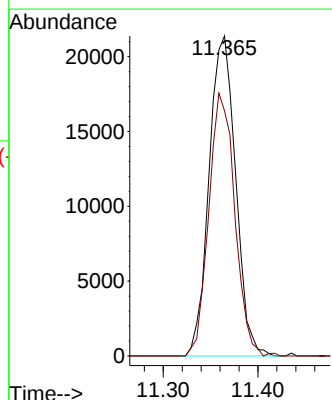
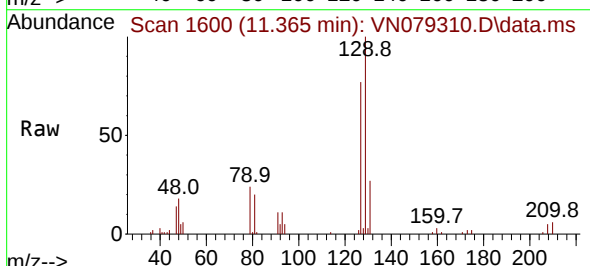
Manual Integrations
APPROVED

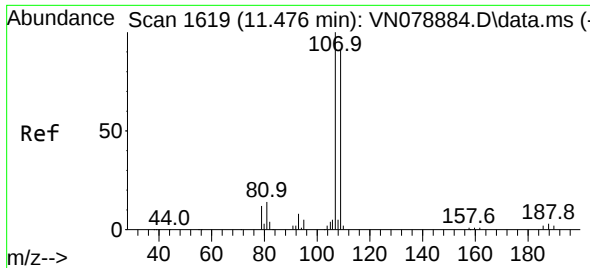
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#60
Dibromochloromethane
Concen: 18.821 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion:129 Resp: 41703
Ion Ratio Lower Upper
129 100
127 80.4 38.6 116.0





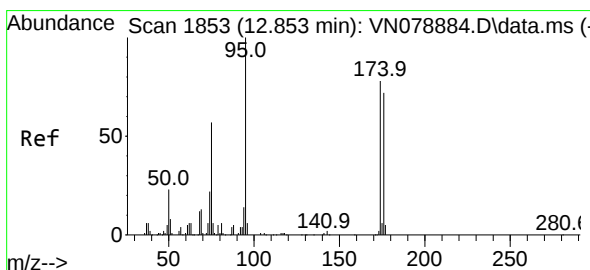
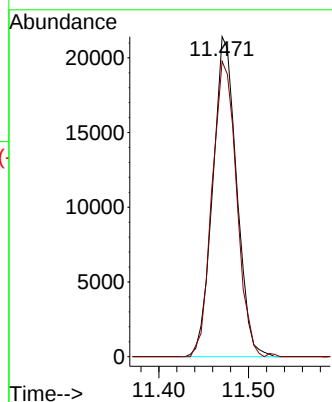
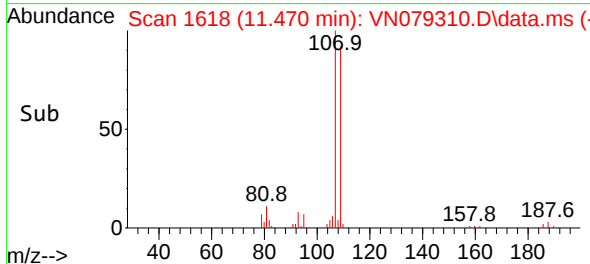
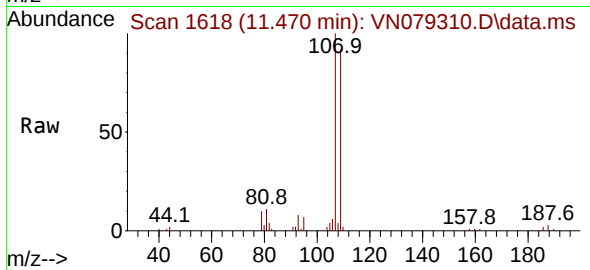
#61
1,2-Dibromoethane
Concen: 19.014 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:107 Resp: 3950
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8

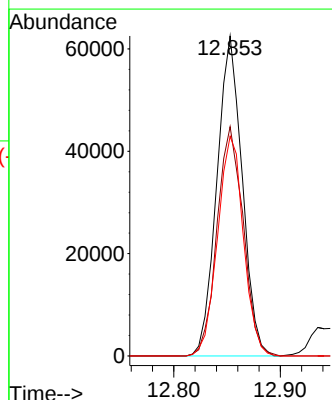
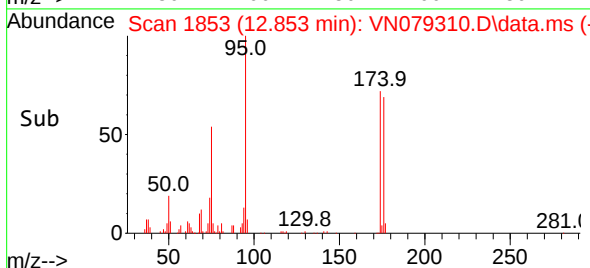
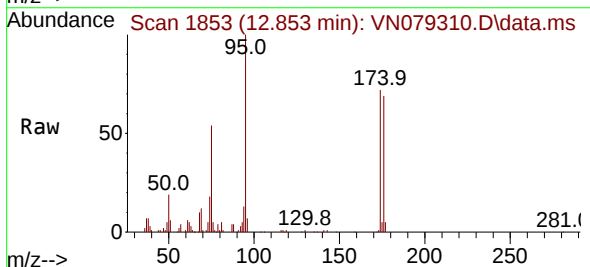
Manual Integrations
APPROVED

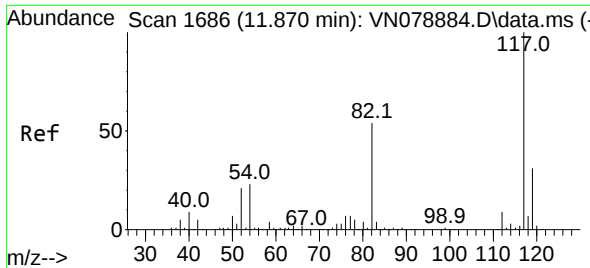
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#62
4-Bromofluorobenzene
Concen: 48.061 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

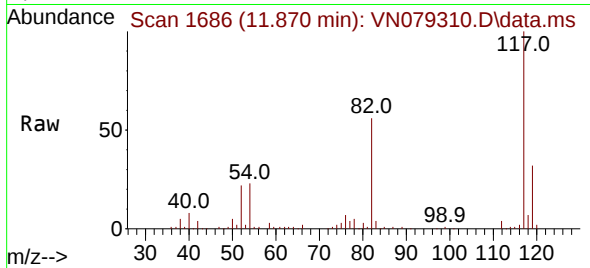
Tgt Ion: 95 Resp: 103002
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 70.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

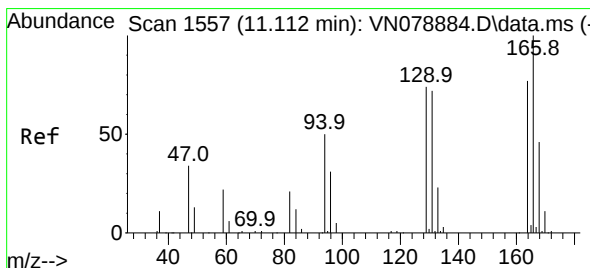
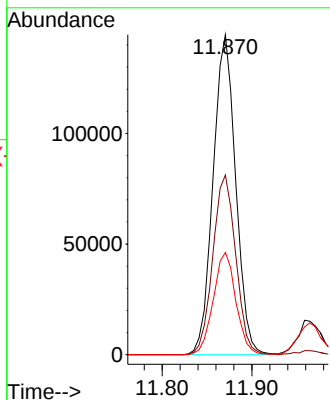
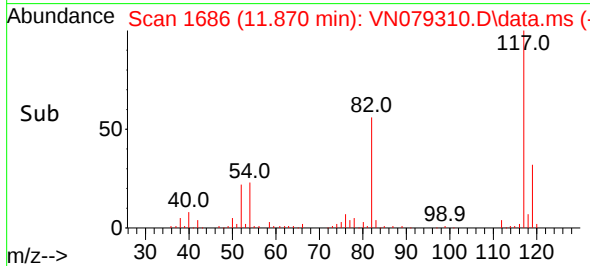
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion:117 Resp: 252990
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 32.0 25.6 38.4

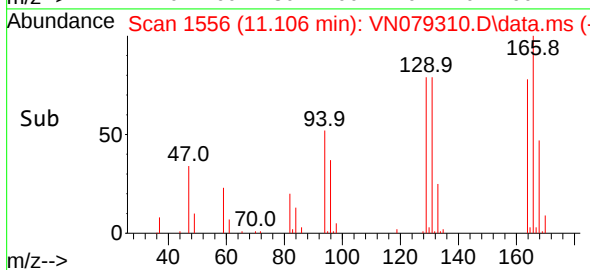
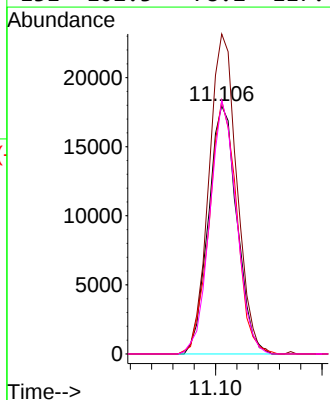
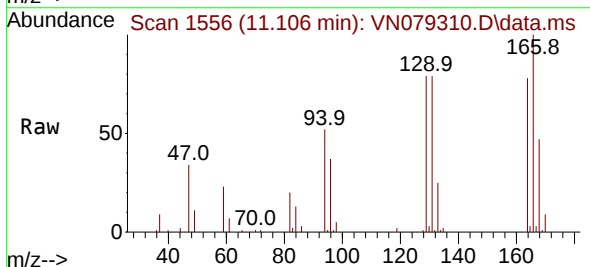
Manual Integrations
APPROVED

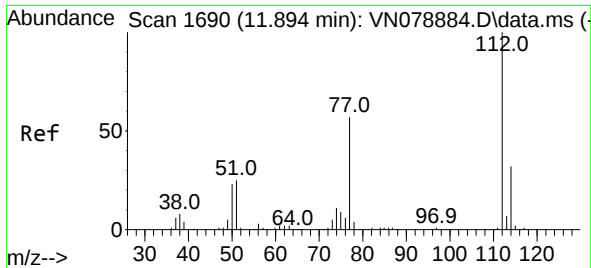
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
Tetrachloroethene
Concen: 18.103 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion:164 Resp: 33395
Ion Ratio Lower Upper
164 100
166 129.0 101.4 152.0
129 102.2 82.4 123.6
131 102.3 78.2 117.4





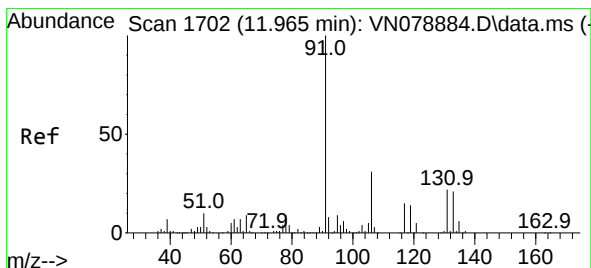
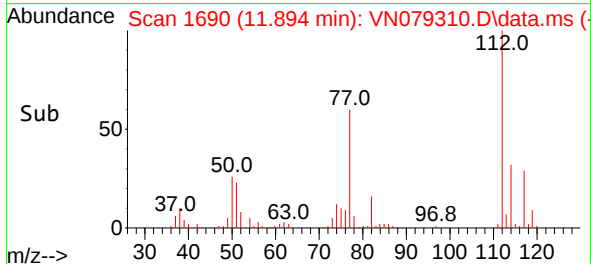
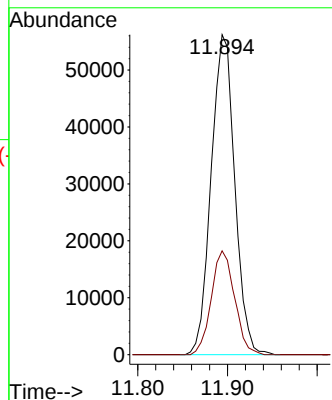
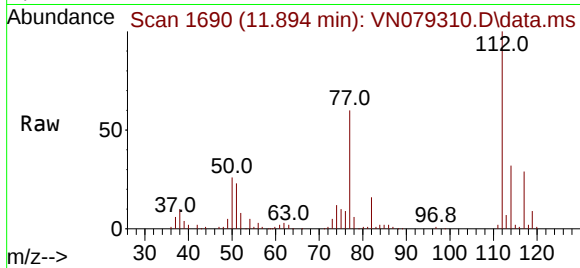
#65
Chlorobenzene
Concen: 17.915 ug/l
RT: 11.894 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:112 Resp: 102672
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

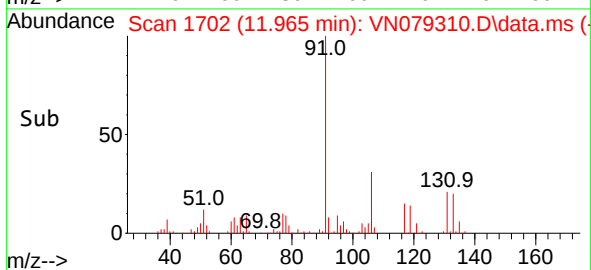
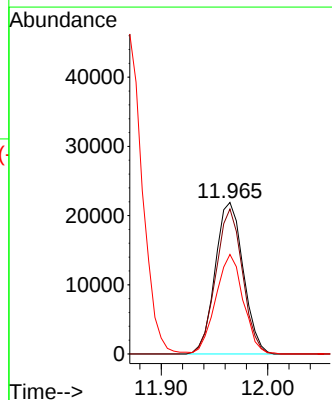
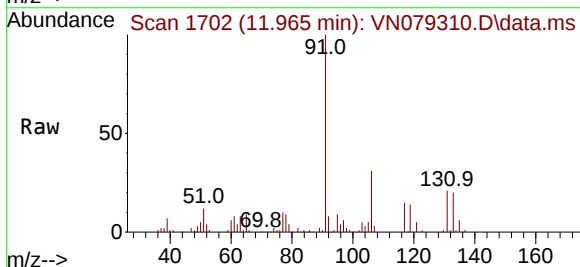
Manual Integrations
APPROVED

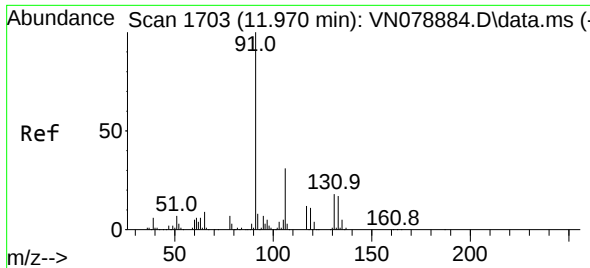
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.666 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion:131 Resp: 40115
Ion Ratio Lower Upper
131 100
133 91.1 46.4 139.1
119 64.3 34.1 102.2





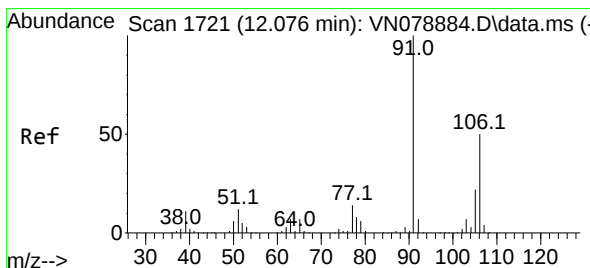
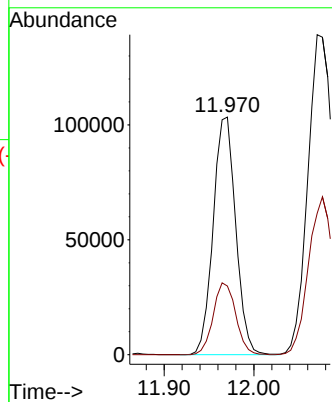
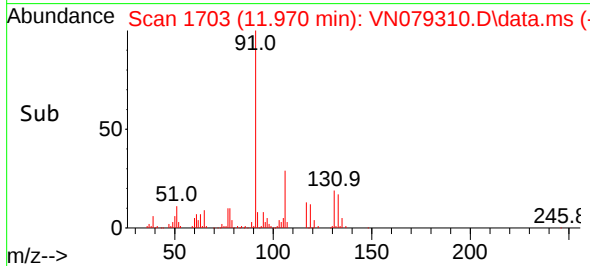
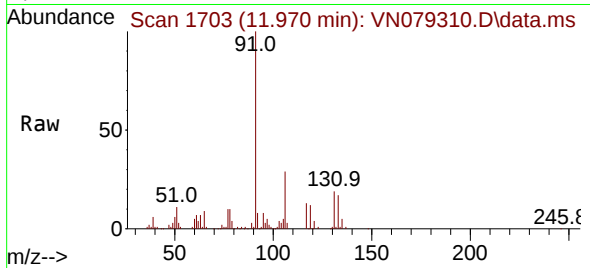
#67
Ethyl Benzene
Concen: 18.411 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 91 Resp: 180484
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4

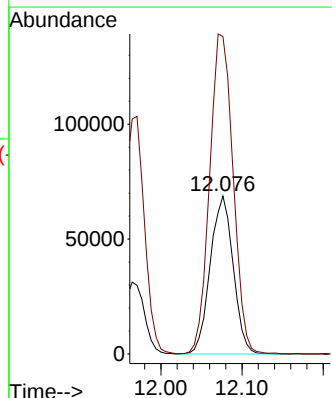
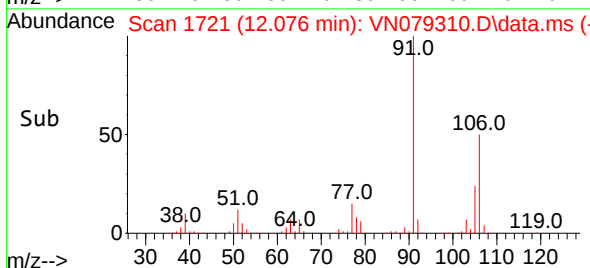
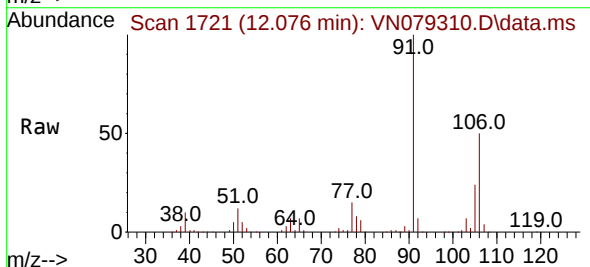
Manual Integrations
APPROVED

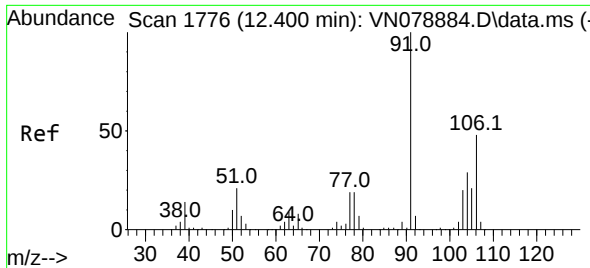
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#68
m/p-Xylenes
Concen: 36.923 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion:106 Resp: 134916
Ion Ratio Lower Upper
106 100
91 207.7 159.6 239.4





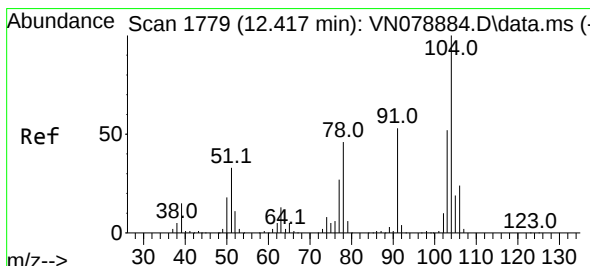
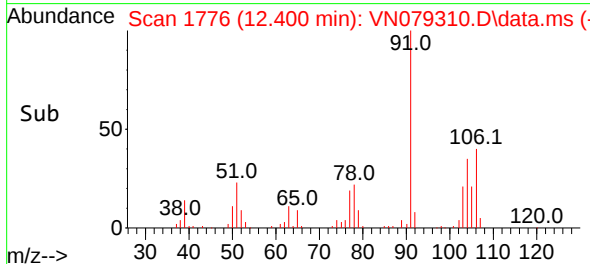
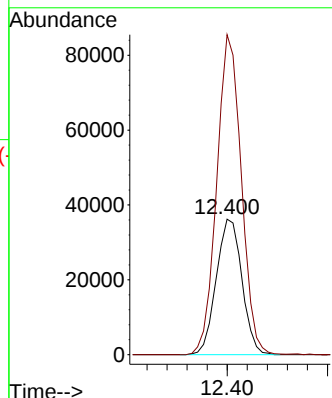
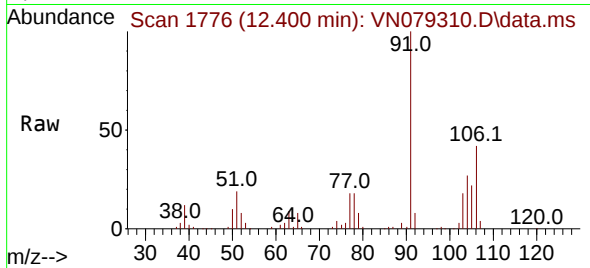
#69
o-Xylene
Concen: 18.311 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:106 Resp: 64168
Ion Ratio Lower Upper
106 100
91 226.4 105.2 315.5

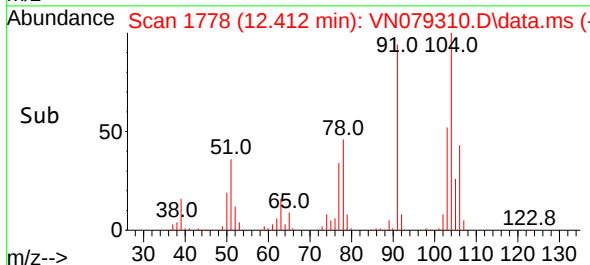
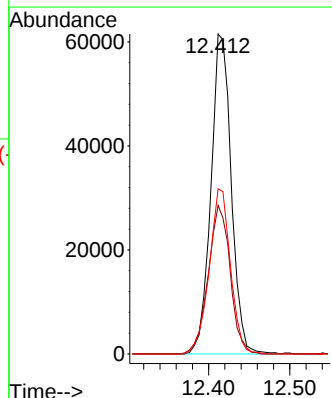
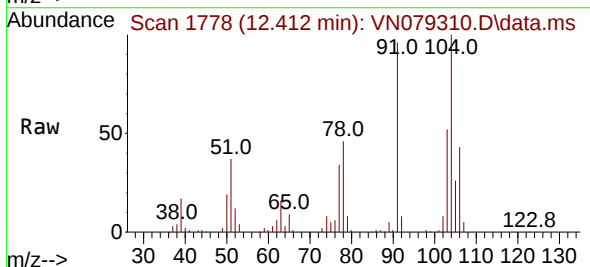
Manual Integrations
APPROVED

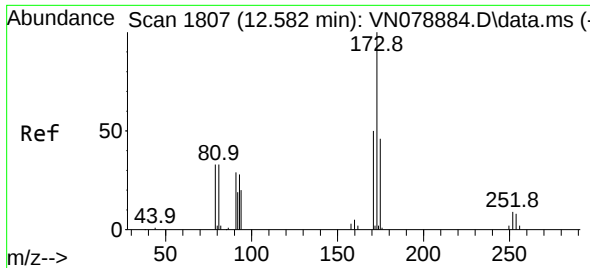
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
Styrene
Concen: 19.009 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

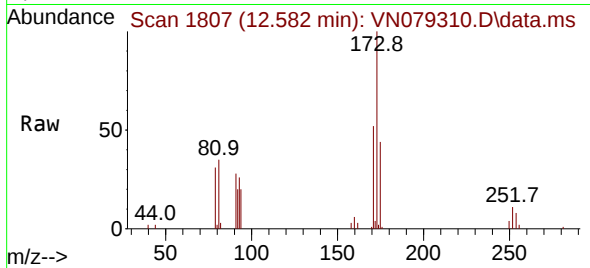
Tgt Ion:104 Resp: 107136
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 53.8 43.2 64.8





#71
Bromoform
Concen: 17.266 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

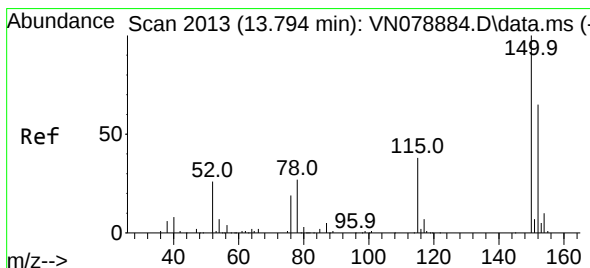
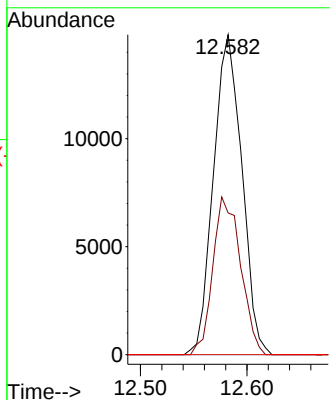
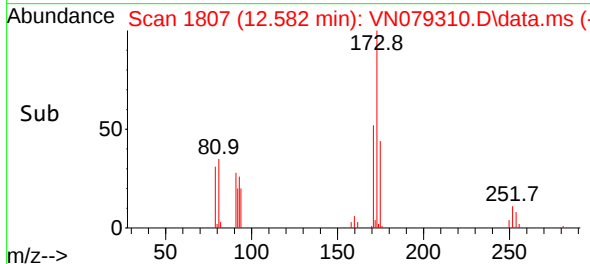
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



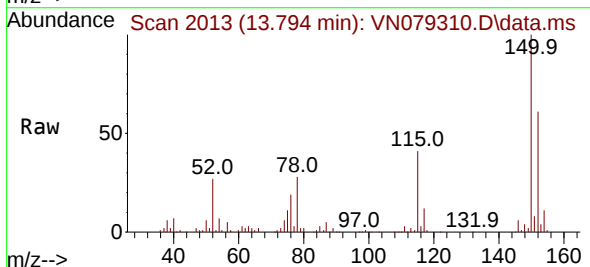
Tgt Ion:173 Resp: 2739
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

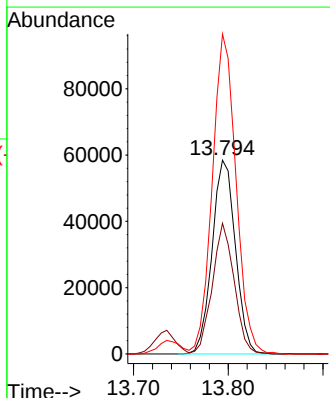
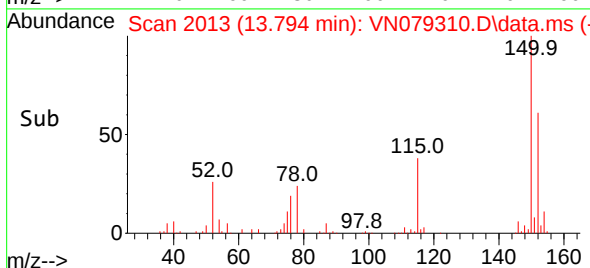
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

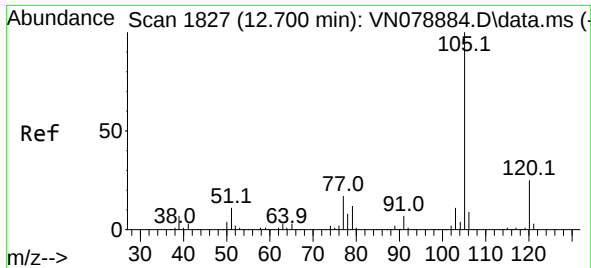


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



Tgt Ion:152 Resp: 100056
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 167.4 0.0 355.8





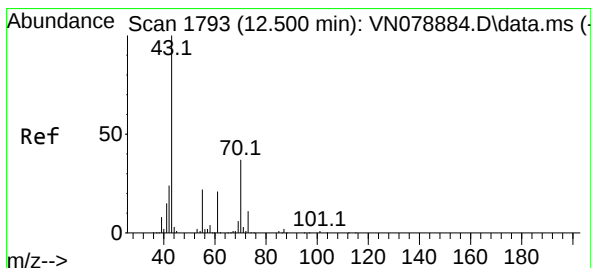
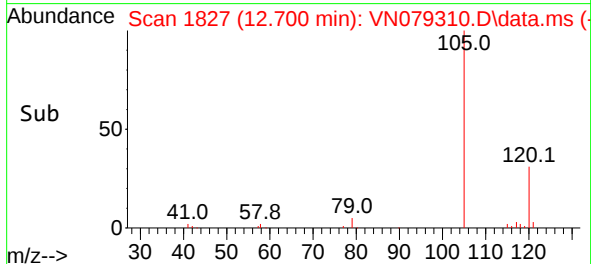
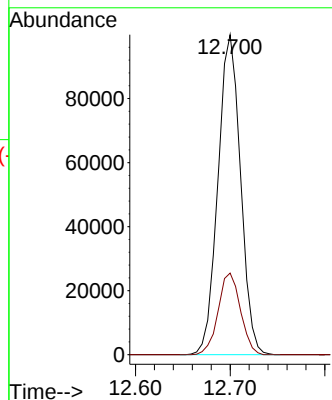
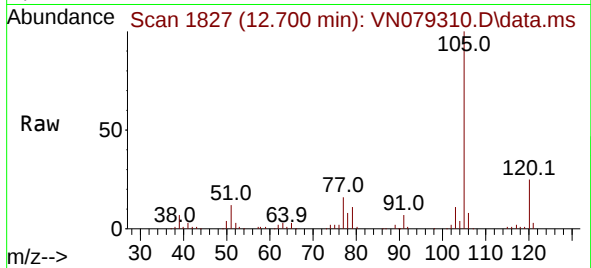
#73
Isopropylbenzene
Concen: 18.180 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:105 Resp: 165494
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

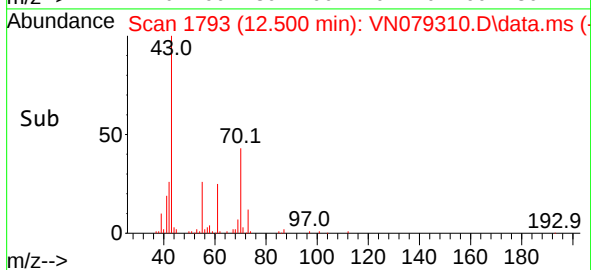
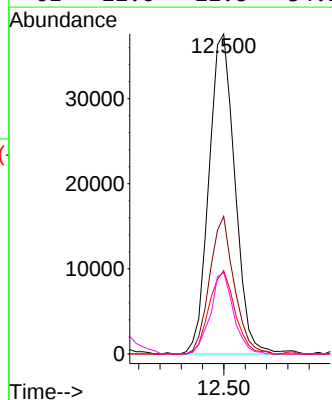
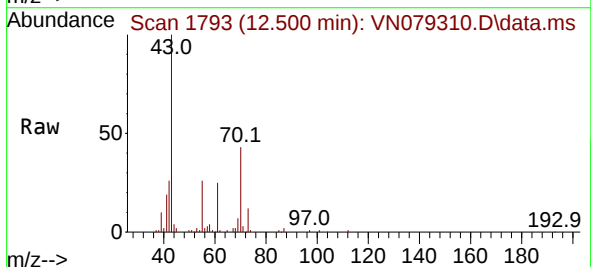
Manual Integrations
APPROVED

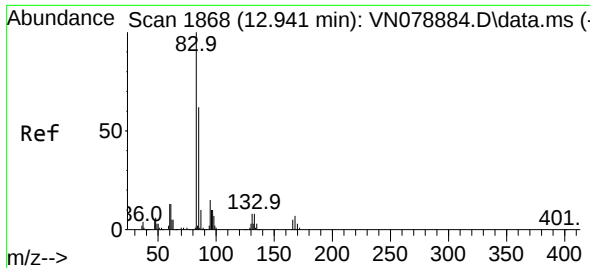
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#74
N-ethyl acetate
Concen: 18.402 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

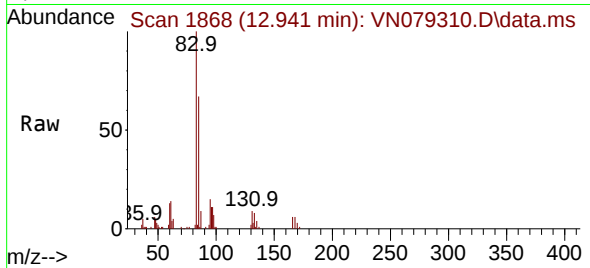
Tgt Ion: 43 Resp: 63557
Ion Ratio Lower Upper
43 100
70 40.7 43.4 65.2#
55 25.9 21.4 32.0
61 22.6 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 17.571 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

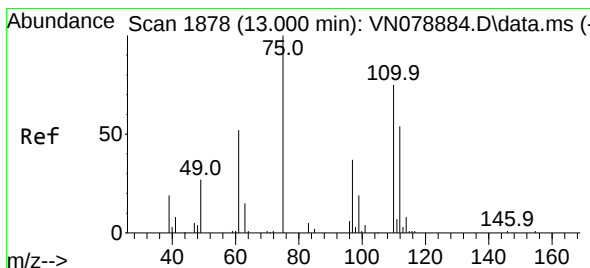
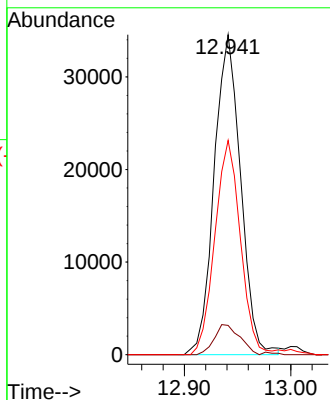
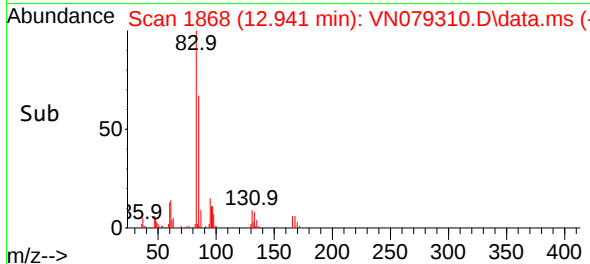
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 83 Resp: 5956
Ion Ratio Lower Upper
83 100
131 9.0 5.0 15.0
85 64.6 31.9 95.7

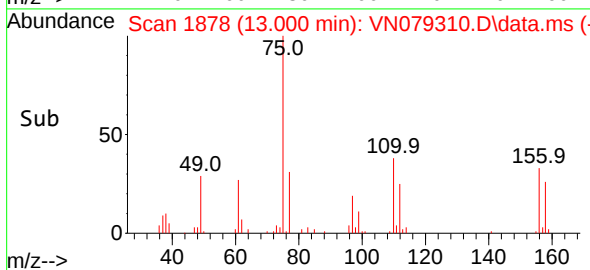
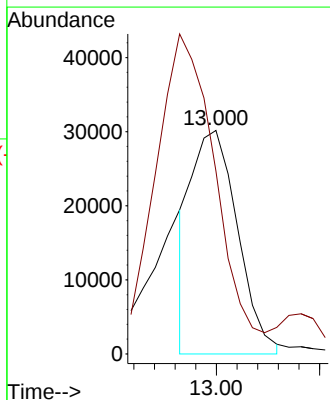
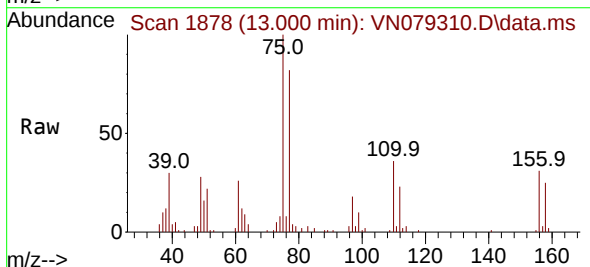
Manual Integrations
APPROVED

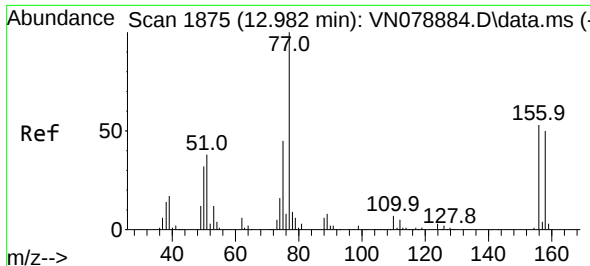
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#76
1,2,3-Trichloropropane
Concen: 17.406 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

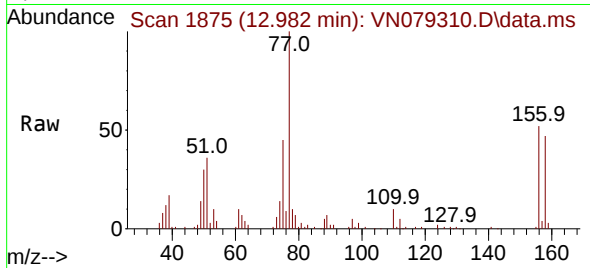
Tgt Ion: 75 Resp: 46939
Ion Ratio Lower Upper
75 100
77 188.0 84.5 253.5





#77
Bromobenzene
Concen: 16.873 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

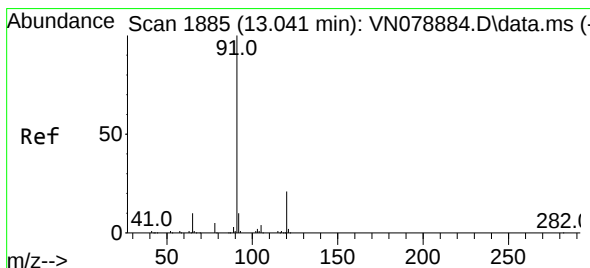
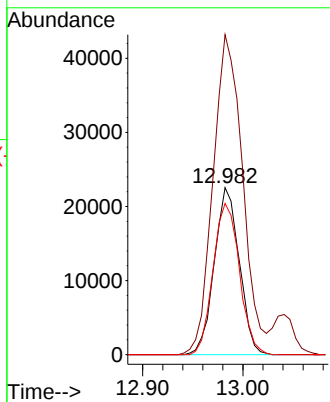
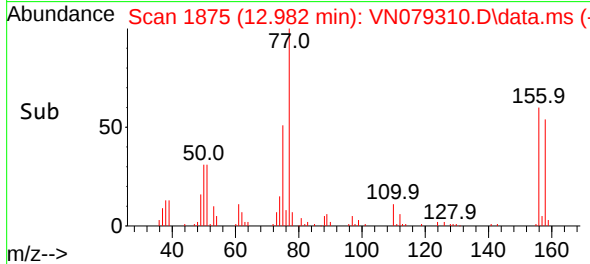
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



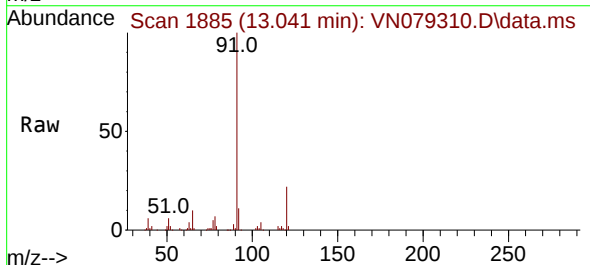
Tgt Ion:156 Resp: 38892
Ion Ratio Lower Upper
156 100
77 226.9 107.7 323.3
158 95.5 48.4 145.3

Manual Integrations
APPROVED

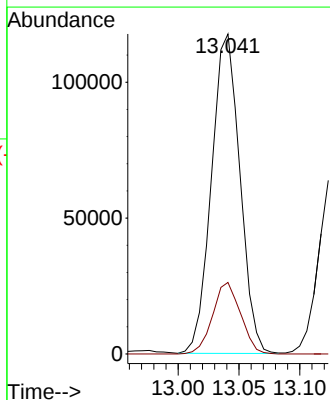
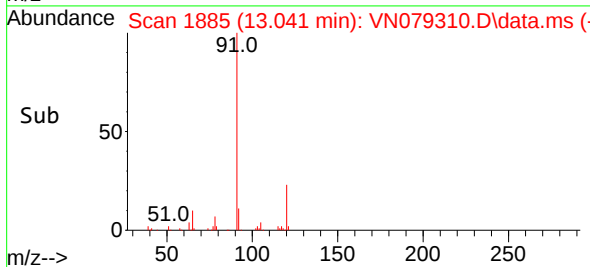
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

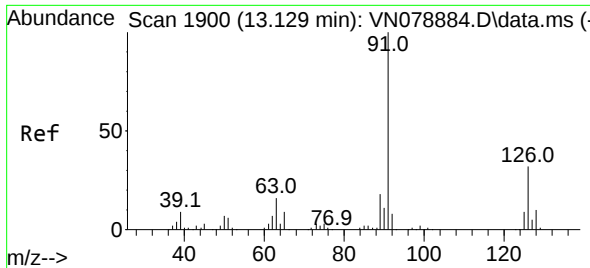


#78
n-propylbenzene
Concen: 18.732 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



Tgt Ion: 91 Resp: 191556
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





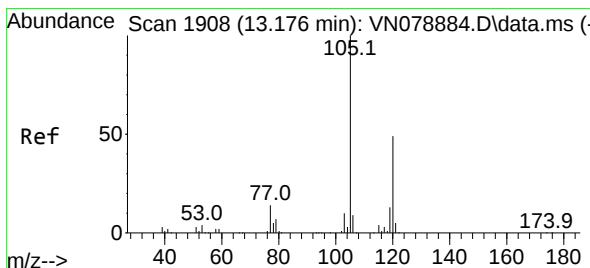
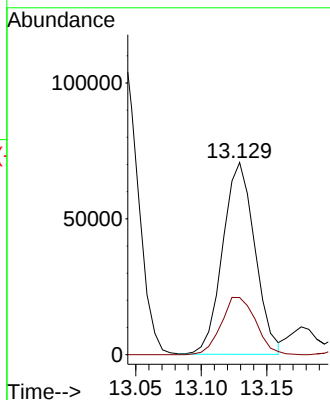
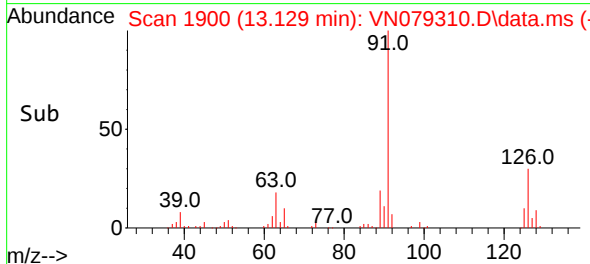
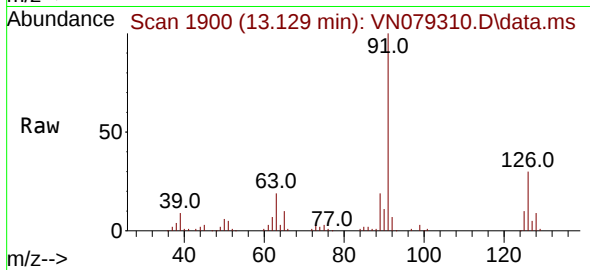
#79
2-Chlorotoluene
Concen: 18.087 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 91 Resp: 120972
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

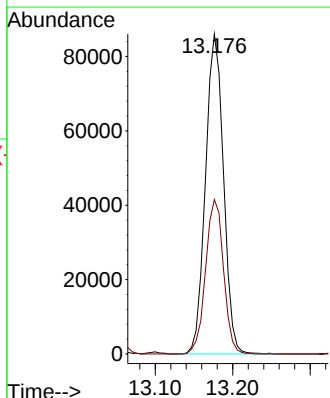
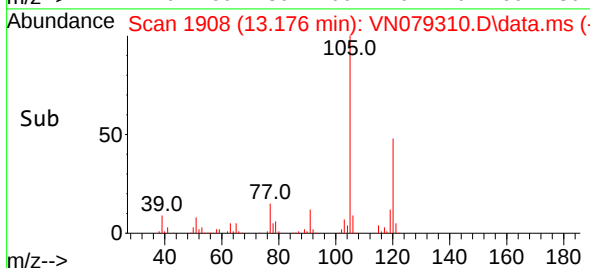
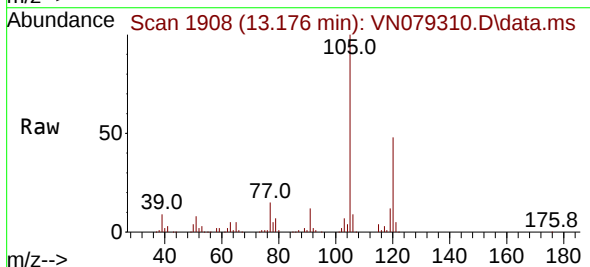
Manual Integrations
APPROVED

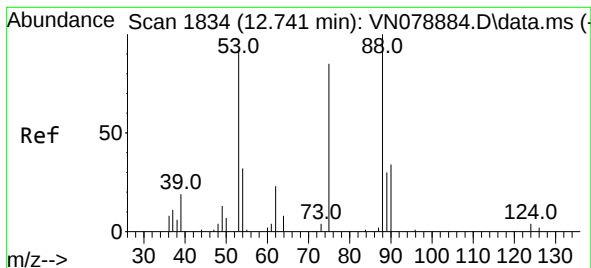
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.315 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

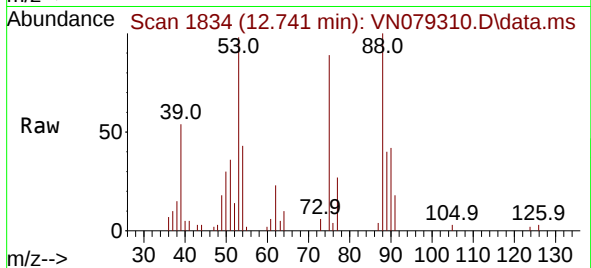
Tgt Ion:105 Resp: 138927
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.181 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

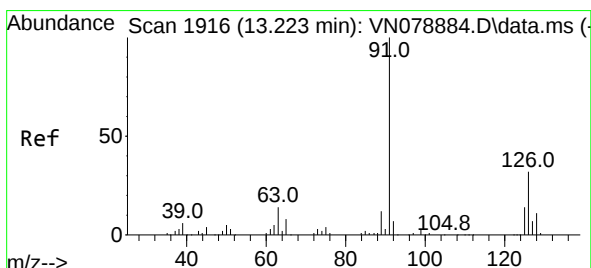
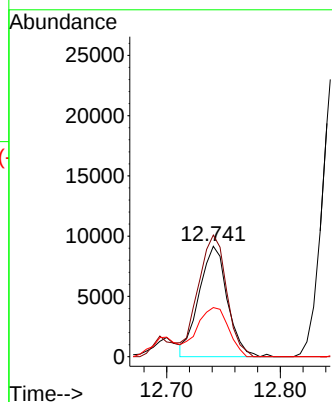
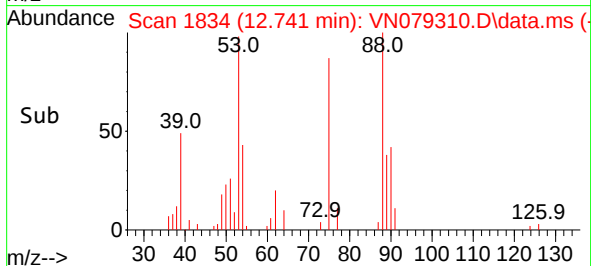
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



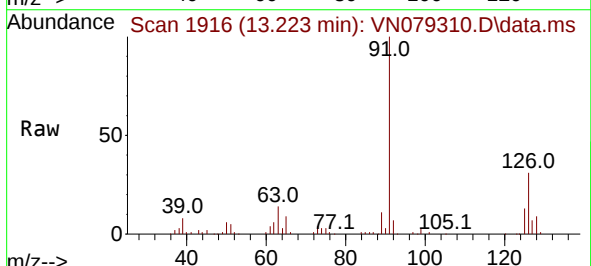
Tgt Ion: 75 Resp: 15872
Ion Ratio Lower Upper
75 100
53 112.6 67.4 101.2
89 49.9 38.8 58.2

Manual Integrations
APPROVED

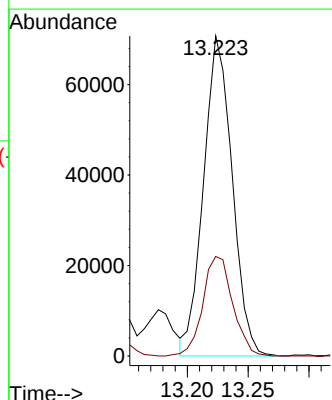
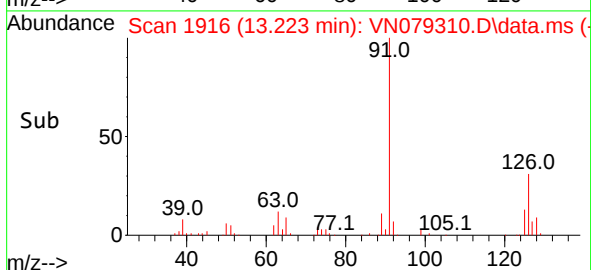
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

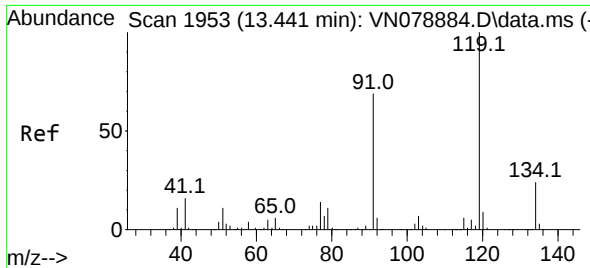


#82
4-Chlorotoluene
Concen: 18.427 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



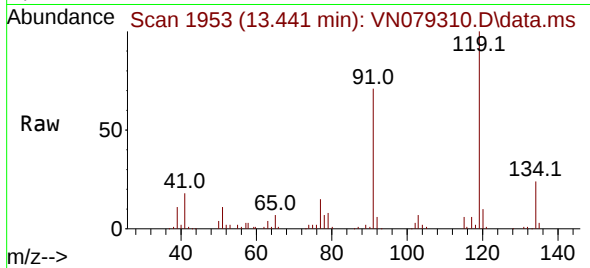
Tgt Ion: 91 Resp: 115808
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.247 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

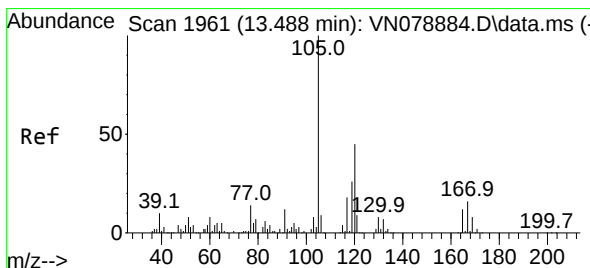
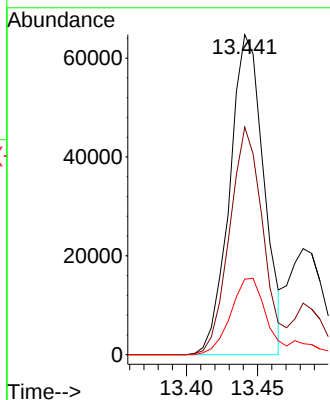
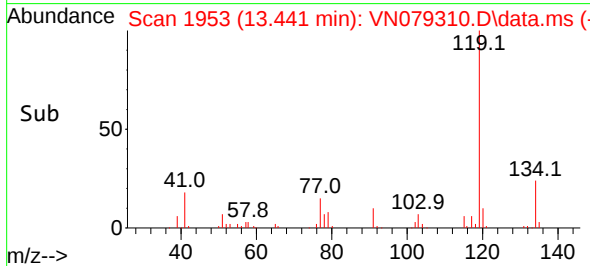
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



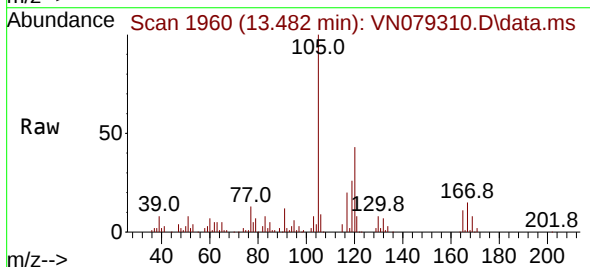
Tgt Ion:119 Resp: 108227
Ion Ratio Lower Upper
119 100
91 70.1 33.9 101.7
134 24.5 13.2 39.6

Manual Integrations
APPROVED

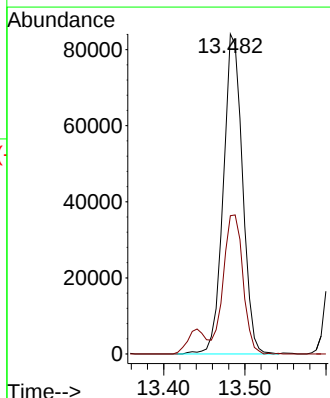
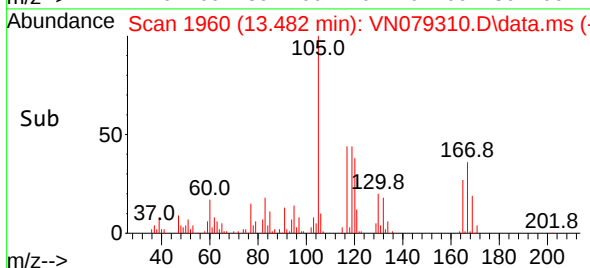
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

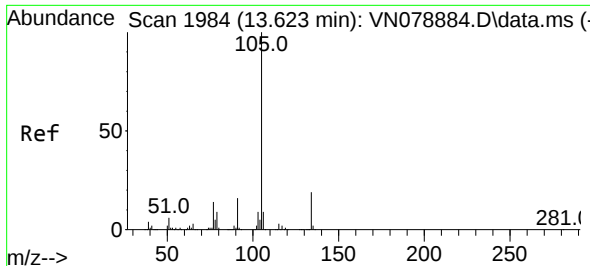


#84
1,2,4-Trimethylbenzene
Concen: 19.099 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



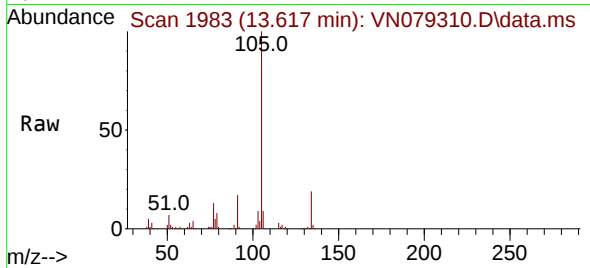
Tgt Ion:105 Resp: 137970
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.271 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079310.D
 Acq: 20 Sep 2023 14:52

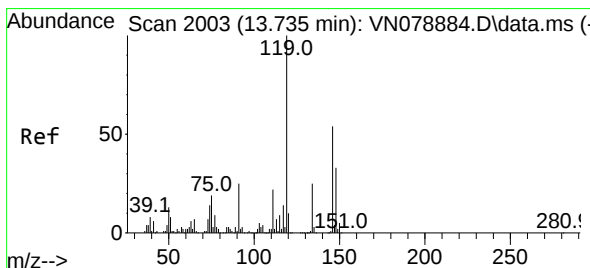
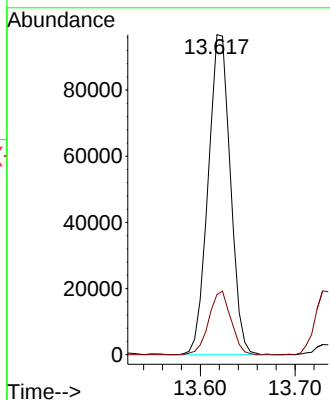
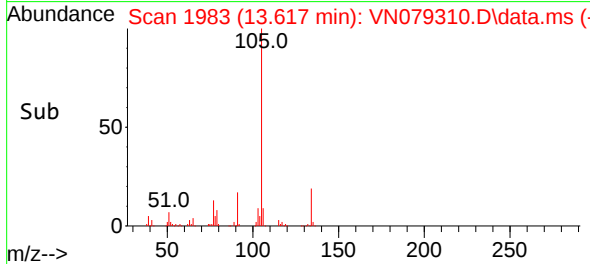
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01



Tgt Ion:105 Resp: 157844
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

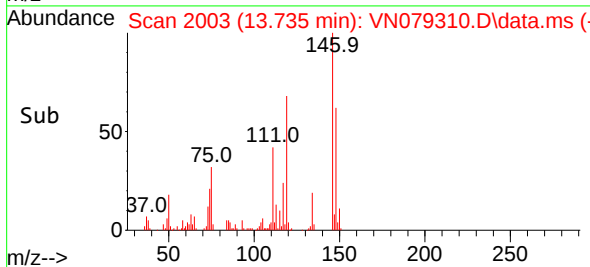
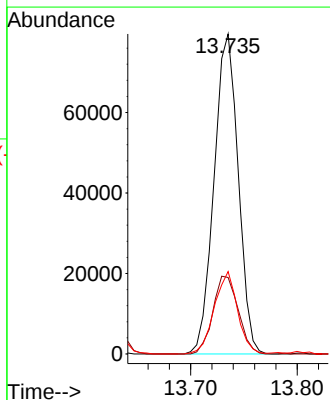
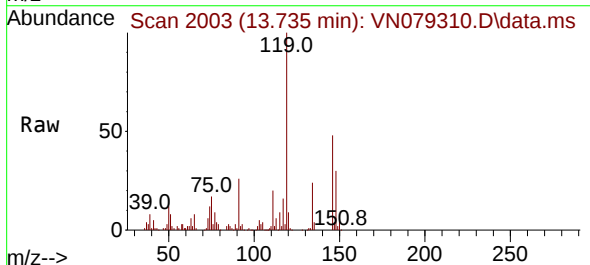
Manual Integrations
 APPROVED

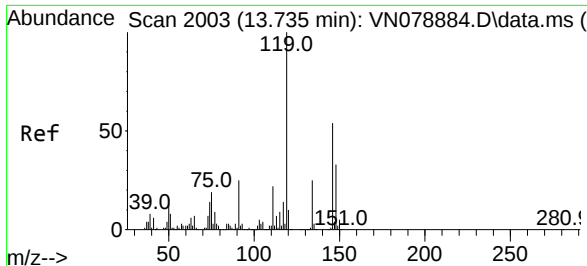
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#86
 p-Isopropyltoluene
 Concen: 18.123 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079310.D
 Acq: 20 Sep 2023 14:52

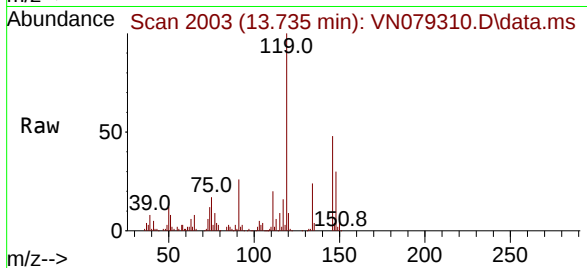
Tgt Ion:119 Resp: 125080
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.8 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 17.636 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079310.D
 Acq: 20 Sep 2023 14:52

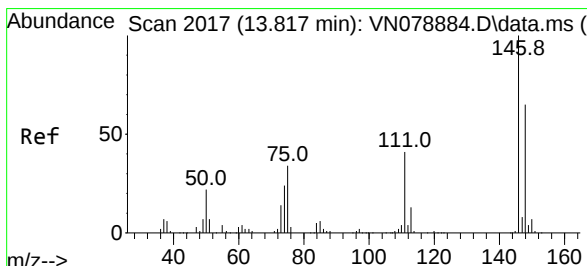
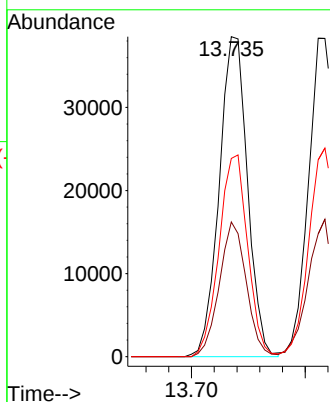
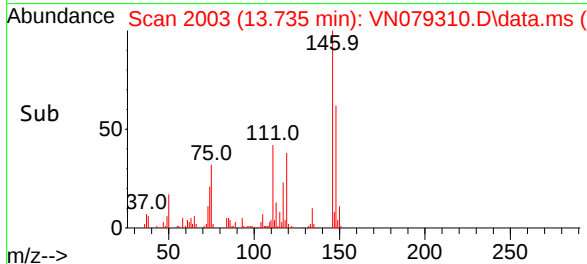
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01



Tgt Ion:146 Resp: 66670
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.1 66.3
 148 63.7 32.0 96.0

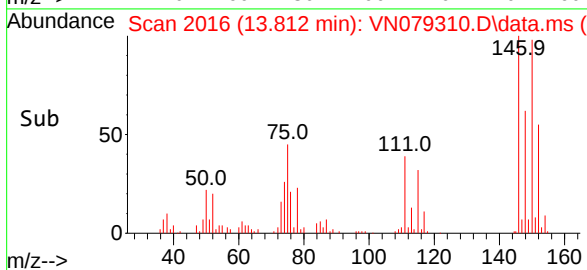
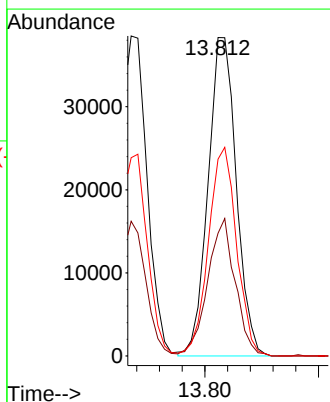
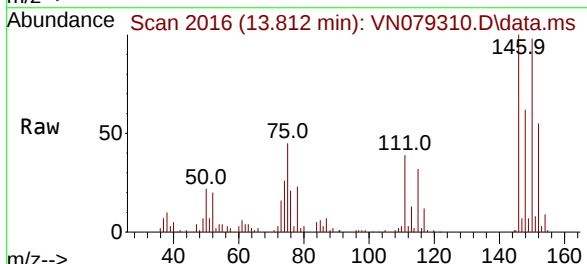
Manual Integrations
 APPROVED

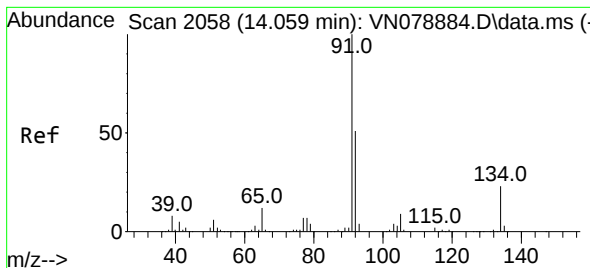
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#88
 1,4-Dichlorobenzene
 Concen: 17.333 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN079310.D
 Acq: 20 Sep 2023 14:52

Tgt Ion:146 Resp: 66217
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.6 61.8
 148 65.3 31.6 94.8





#89

n-Butylbenzene

Concen: 17.895 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

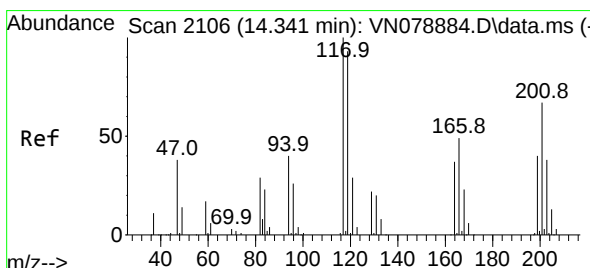
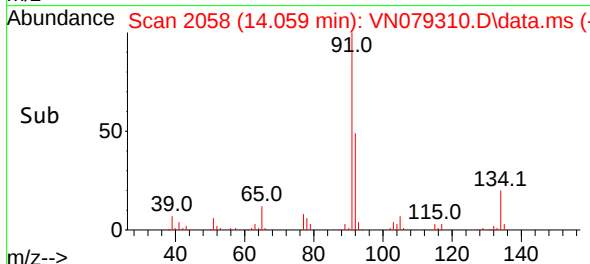
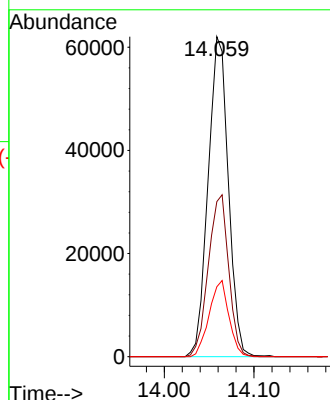
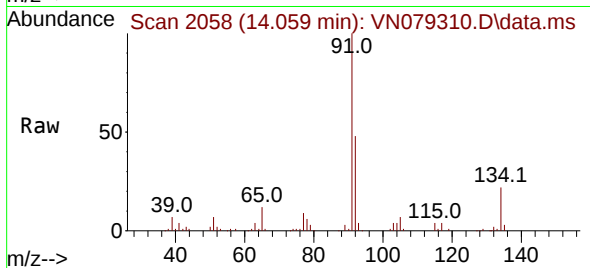
Tgt Ion:	91	Resp:	97124
Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.4	79.0
134	23.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#90

Hexachloroethane

Concen: 17.880 ug/l

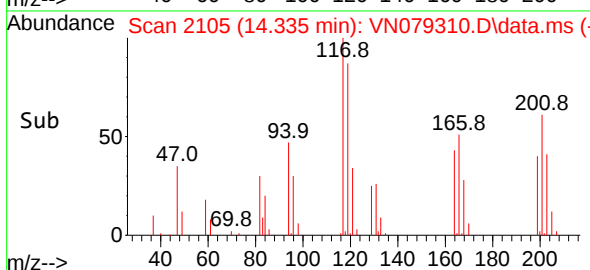
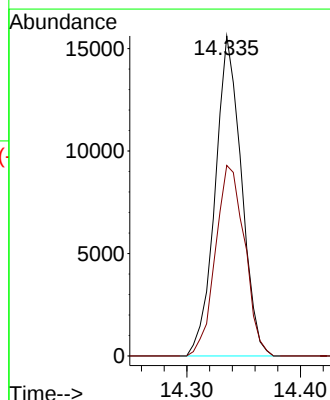
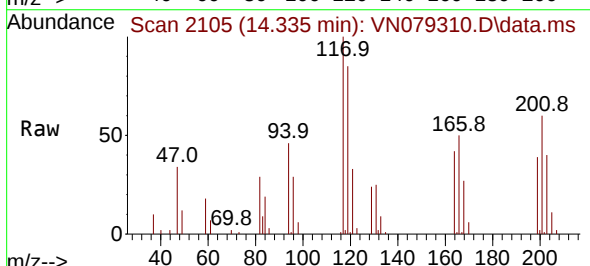
RT: 14.335 min Scan# 2105

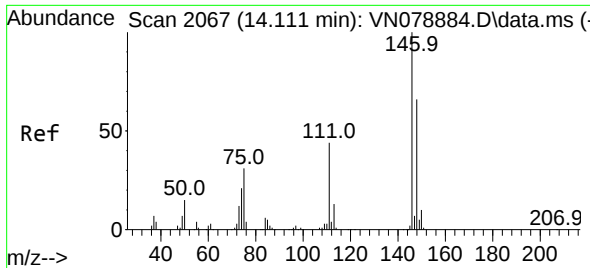
Delta R.T. 0.000 min

Lab File: VN079310.D

Acq: 20 Sep 2023 14:52

Tgt Ion:	117	Resp:	25060
Ion	Ratio	Lower	Upper
117	100		
201	66.4	29.3	88.0





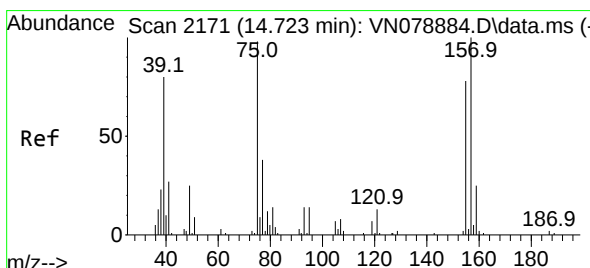
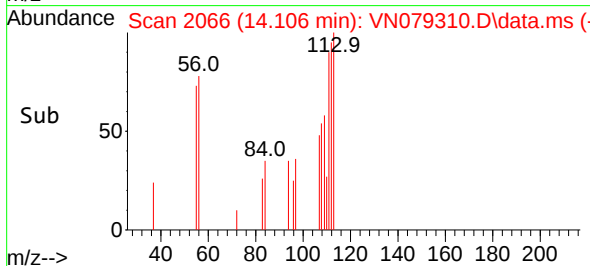
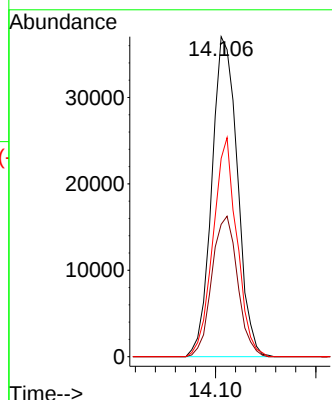
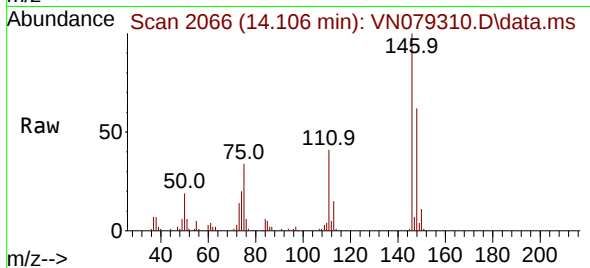
#91
1,2-Dichlorobenzene
Concen: 17.610 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:146 Resp: 6572
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.7 31.8 95.3

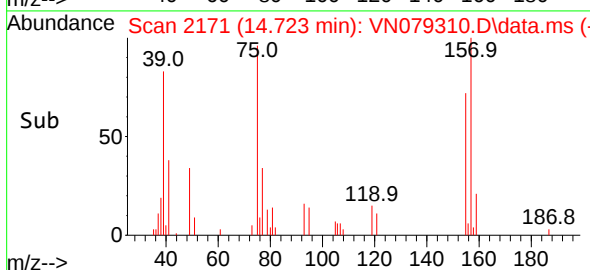
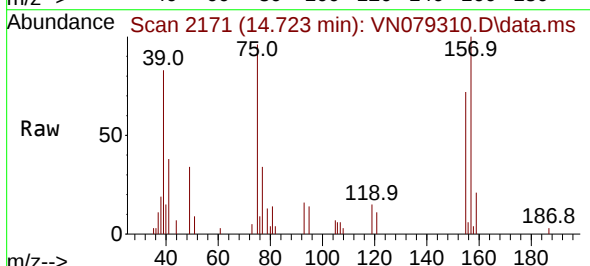
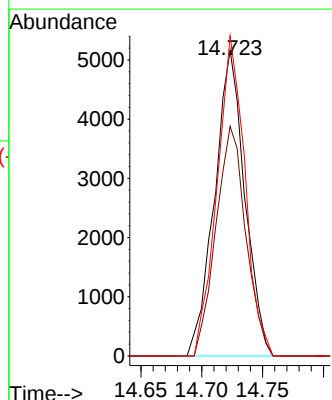
Manual Integrations
APPROVED

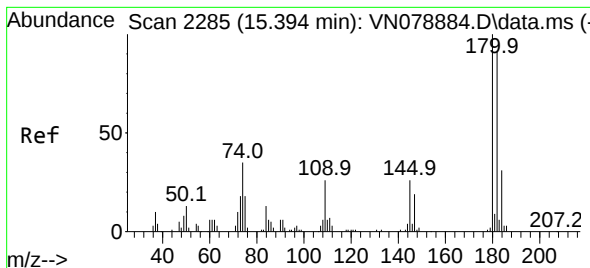
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.302 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

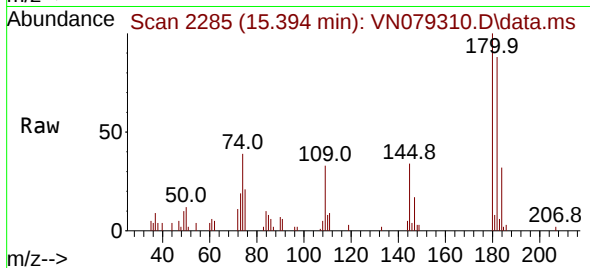
Tgt Ion: 75 Resp: 8916
Ion Ratio Lower Upper
75 100
155 74.2 39.1 117.2
157 96.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 14.402 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

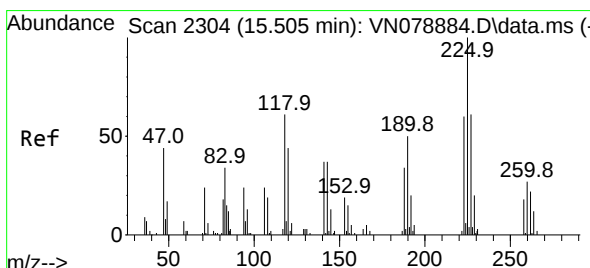
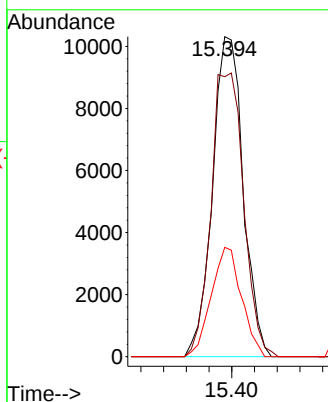
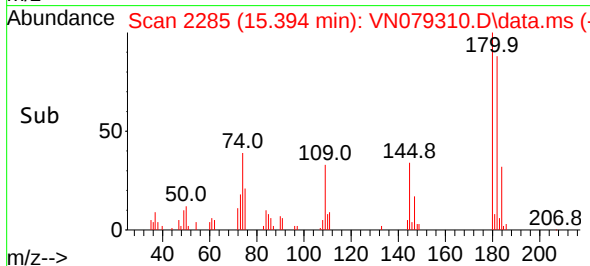
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



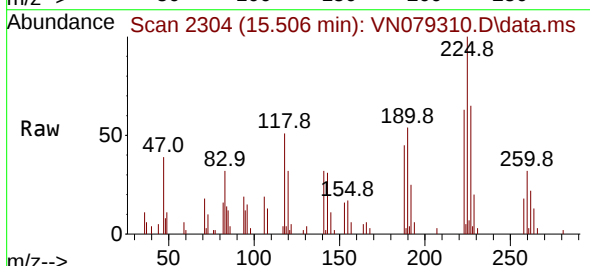
Tgt Ion:180 Resp: 19310
Ion Ratio Lower Upper
180 100
182 94.3 46.1 138.2
145 33.7 16.6 49.8

Manual Integrations
APPROVED

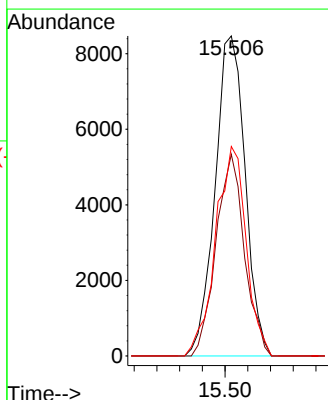
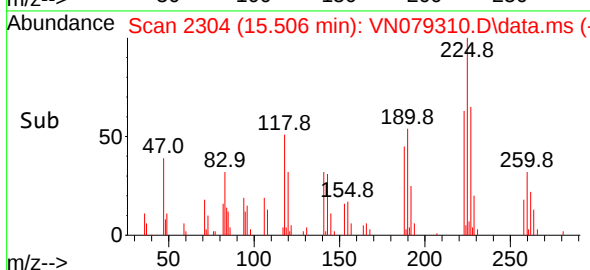
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

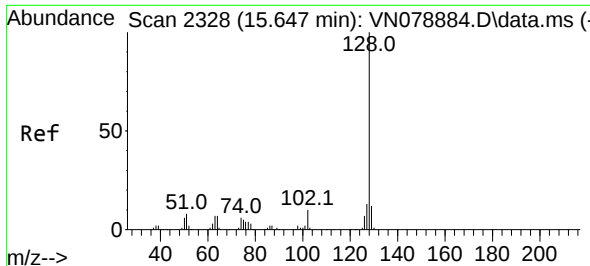


#94
Hexachlorobutadiene
Concen: 14.759 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52



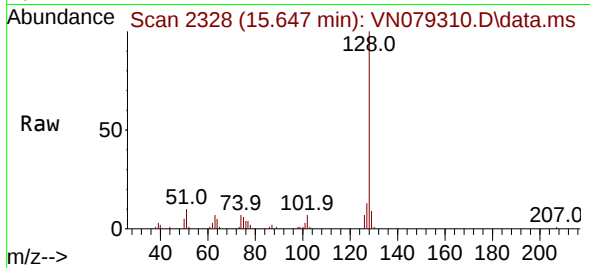
Tgt Ion:225 Resp: 15572
Ion Ratio Lower Upper
225 100
223 59.5 31.3 93.8
227 66.4 31.9 95.9





#95
Naphthalene
Concen: 12.247 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

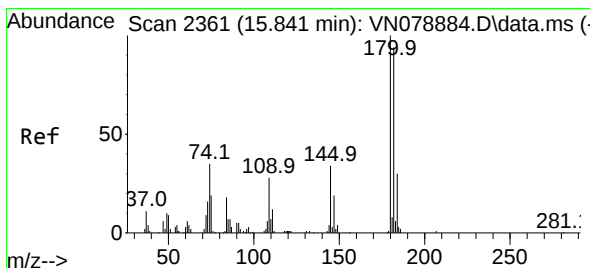
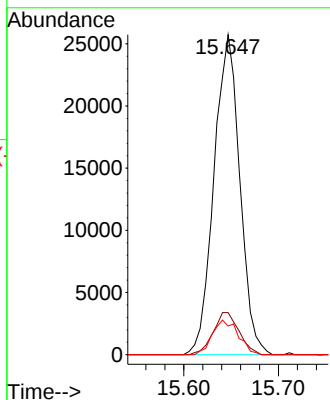
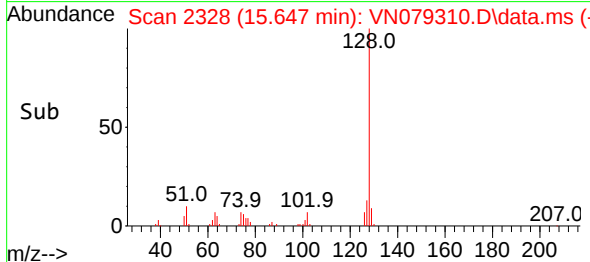
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion:128 Resp: 48785
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 13.824 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079310.D
Acq: 20 Sep 2023 14:52

Tgt Ion:180 Resp: 21871
Ion Ratio Lower Upper
180 100
182 97.1 46.2 138.6
145 34.5 17.5 52.6

