

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079244.D
 Acq On : 12 Sep 2023 18:48
 Operator : JC\MD
 Sample : VN0912WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Quant Time: Sep 13 01:36:04 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	73483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	124212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	108454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	46000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	62472	62.979	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.960%#			
35) Dibromofluoromethane	8.177	113	46709	56.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.060%			
50) Toluene-d8	10.570	98	151385	49.899	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.853	95	50248	51.924	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	11102	15.269	ug/l	91
3) Chloromethane	2.365	50	23072	24.173	ug/l	96
4) Vinyl Chloride	2.512	62	22634	21.764	ug/l	96
5) Bromomethane	2.953	94	15354	25.685	ug/l	100
6) Chloroethane	3.118	64	18661	27.618	ug/l	99
7) Trichlorofluoromethane	3.494	101	24564	16.130	ug/l	94
8) Diethyl Ether	3.965	74	11425	21.615	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	11751	14.509	ug/l	91
10) Methyl Iodide	4.589	142	14212	21.452	ug/l	92
11) Tert butyl alcohol	5.530	59	19666	107.385	ug/l	95
12) 1,1-Dichloroethene	4.347	96	12137	15.486	ug/l	89
13) Acrolein	4.183	56	17002	97.326	ug/l	100
14) Allyl chloride	5.018	41	20152	16.119	ug/l	91
15) Acrylonitrile	5.736	53	44185	93.048	ug/l	97
16) Acetone	4.436	43	36065	85.607	ug/l	100
17) Carbon Disulfide	4.712	76	31669	12.929	ug/l	98
18) Methyl Acetate	5.041	43	30967	17.885	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	59685	22.205	ug/l	100
20) Methylene Chloride	5.277	84	19946	19.456	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	15424	16.965	ug/l #	81
22) Diisopropyl ether	6.677	45	48379	17.636	ug/l #	91
23) Vinyl Acetate	6.612	43	150952	89.466	ug/l	93
24) 1,1-Dichloroethane	6.577	63	30566	18.075	ug/l	97
25) 2-Butanone	7.494	43	54402	89.000	ug/l	96
26) 2,2-Dichloropropane	7.488	77	22726	16.377	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	19353	18.616	ug/l	91
28) Bromochloromethane	7.818	49	15032	19.661	ug/l	99
29) Tetrahydrofuran	7.847	42	35245	90.606	ug/l	89
30) Chloroform	7.971	83	36052	20.477	ug/l	94
31) Cyclohexane	8.265	56	18279	12.620	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	28912	19.264	ug/l	99
36) 1,1-Dichloropropene	8.377	75	20007	15.710	ug/l	97
37) Ethyl Acetate	7.571	43	23722	18.675	ug/l	98
38) Carbon Tetrachloride	8.371	117	24968	18.945	ug/l	92
39) Methylcyclohexane	9.606	83	18215	14.500	ug/l	88
40) Benzene	8.612	78	68791	17.645	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	11427	17.842	ug/l	95
42) 1,2-Dichloroethane	8.677	62	30895	23.019	ug/l	97
43) Isopropyl Acetate	8.694	43	35923	17.332	ug/l	99
44) Trichloroethene	9.359	130	16703	17.392	ug/l	87
45) 1,2-Dichloropropane	9.623	63	17919	18.520	ug/l	91
46) Dibromomethane	9.712	93	13894	21.153	ug/l #	83
47) Bromodichloromethane	9.894	83	28667	21.309	ug/l	95
48) Methyl methacrylate	9.688	41	16936	18.242	ug/l	89
49) 1,4-Dioxane	9.706	88	8661	453.569	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	112359	93.386	ug/l	99
52) Toluene	10.635	92	41771	17.434	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	28902	20.374	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	29257	19.283	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	19540	20.785	ug/l	95
56) Ethyl methacrylate	10.876	69	28108	21.180	ug/l	93
57) 1,3-Dichloropropane	11.170	76	32553	20.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	53553	102.688	ug/l	96
59) 2-Hexanone	11.200	43	81450	93.466	ug/l	97
60) Dibromochloromethane	11.359	129	23122	23.110	ug/l	99
61) 1,2-Dibromoethane	11.476	107	19488	20.772	ug/l	100
64) Tetrachloroethene	11.106	164	15403	19.477	ug/l	93
65) Chlorobenzene	11.900	112	44964	18.301	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	20926	22.713	ug/l	94
67) Ethyl Benzene	11.970	91	72163	17.172	ug/l	99
68) m/p-Xylenes	12.076	106	55196	35.237	ug/l	94
69) o-Xylene	12.406	106	28013	18.647	ug/l	93
70) Styrene	12.417	104	46535	19.260	ug/l	98
71) Bromoform	12.582	173	17247	25.358	ug/l #	98
73) Isopropylbenzene	12.700	105	68273	16.313	ug/l	99
74) N-amyl acetate	12.500	43	24809	15.625	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	27880	17.889	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	23335m	18.822	ug/l	
77) Bromobenzene	12.988	156	19134	18.056	ug/l	98
78) n-propylbenzene	13.041	91	72284	15.375	ug/l	100
79) 2-Chlorotoluene	13.129	91	50355	16.376	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	60305	17.293	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	8060	17.873	ug/l	88
82) 4-Chlorotoluene	13.223	91	46510	16.097	ug/l	98
83) tert-Butylbenzene	13.441	119	47112	16.331	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	58100	17.494	ug/l	98
85) sec-Butylbenzene	13.617	105	60905	15.335	ug/l	96
86) p-Isopropyltoluene	13.735	119	52889	16.668	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	29325	16.871	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	28329	16.129	ug/l	97
89) n-Butylbenzene	14.059	91	35033	14.040	ug/l	99
90) Hexachloroethane	14.341	117	10598	16.447	ug/l	70
91) 1,2-Dichlorobenzene	14.111	146	30208	17.605	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6038	25.486	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	9888	16.036	ug/l	99
94) Hexachlorobutadiene	15.505	225	8087	16.672	ug/l	99
95) Naphthalene	15.647	128	27630	15.087	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	12061	16.582	ug/l	99

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VN0912WBSD01

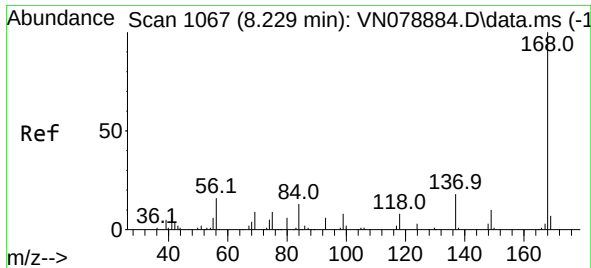
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/13/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

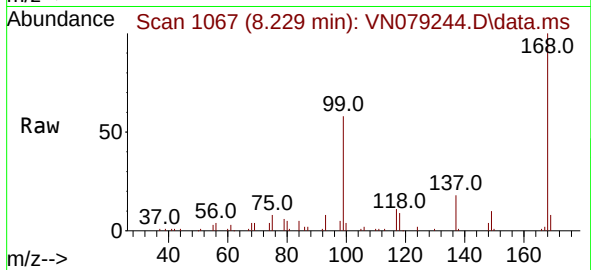
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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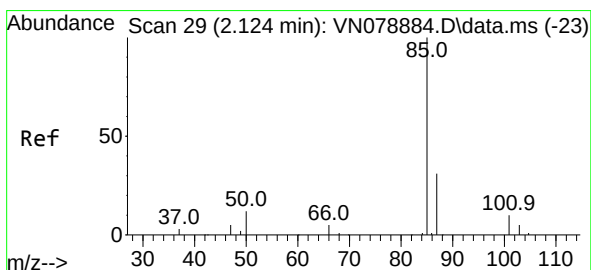
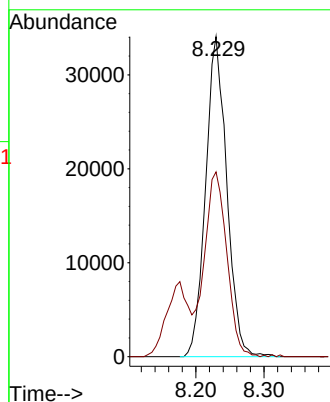
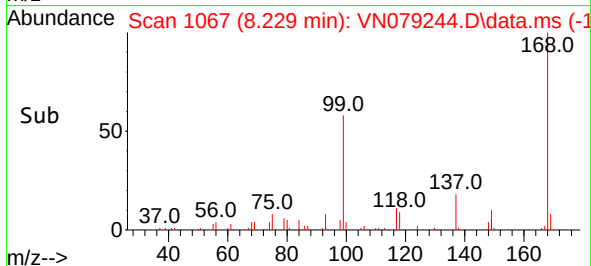
Instrument :
MSVOA_N
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VN0912WBSD01



Tgt Ion:168 Resp: 7348
Ion Ratio Lower Upper
168 100
99 57.2 53.0 79.6

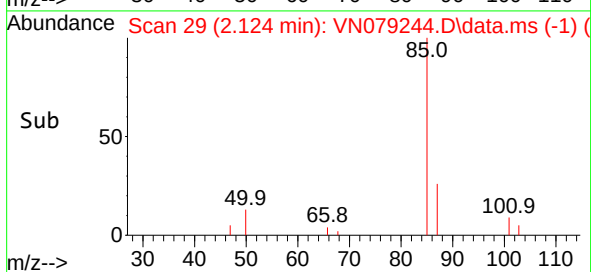
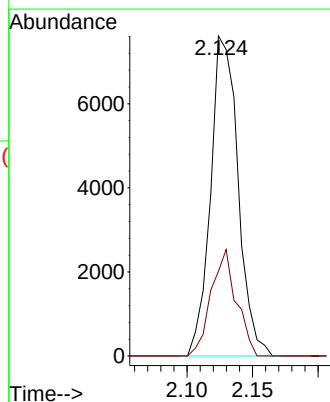
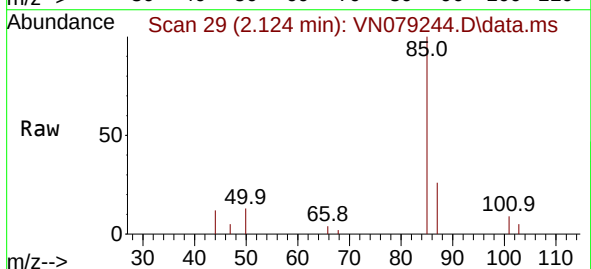
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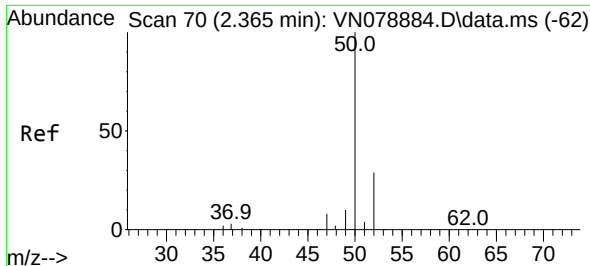
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#2
Dichlorodifluoromethane
Concen: 15.269 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Tgt Ion: 85 Resp: 11102
Ion Ratio Lower Upper
85 100
87 26.5 15.8 47.4





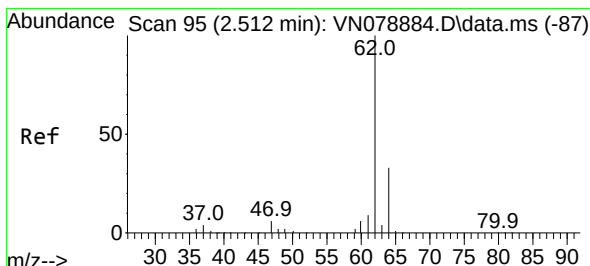
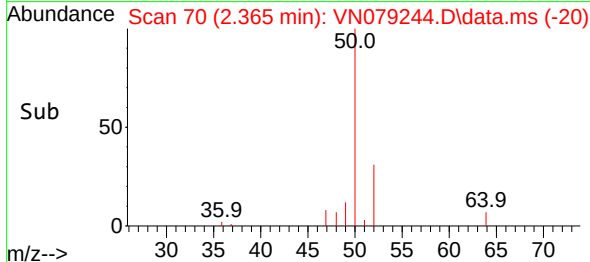
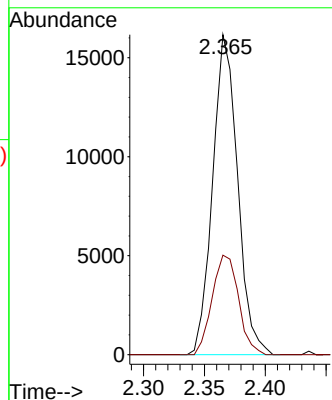
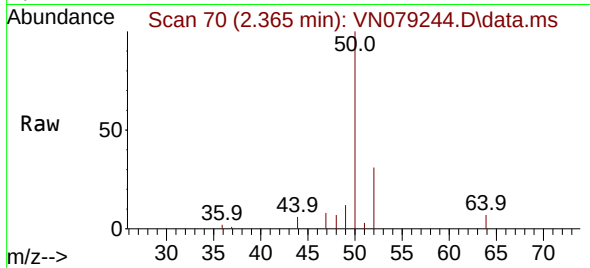
#3
Chloromethane
Concen: 24.173 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

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Tgt Ion: 50 Resp: 23072
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7

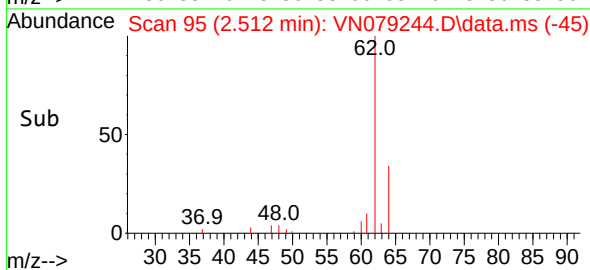
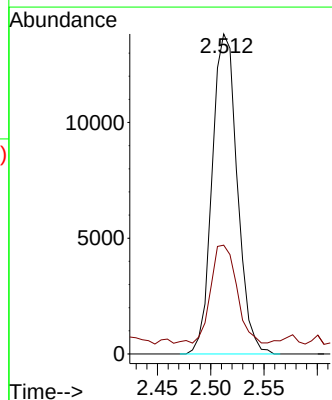
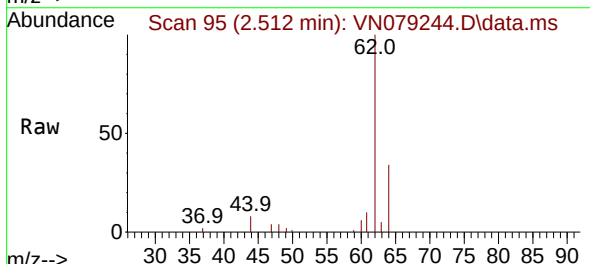
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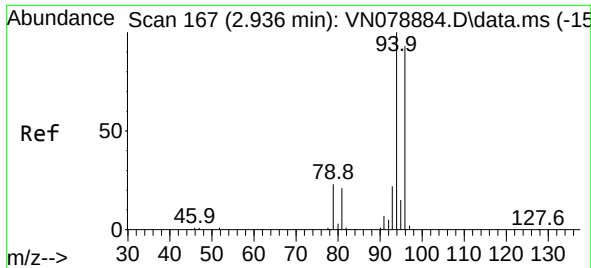
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#4
Vinyl Chloride
Concen: 21.764 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Tgt Ion: 62 Resp: 22634
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2





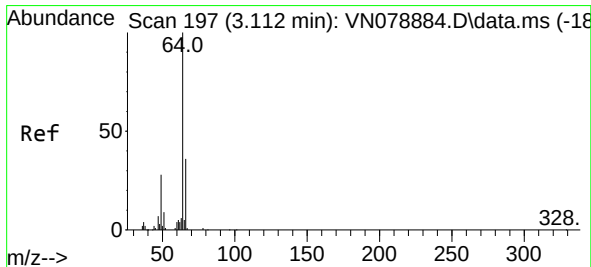
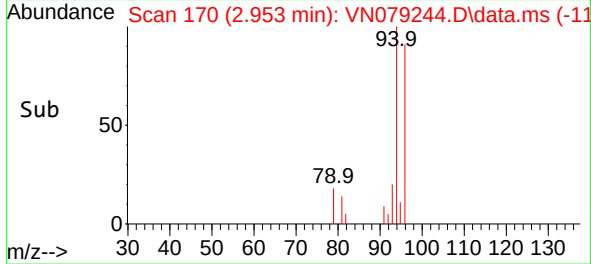
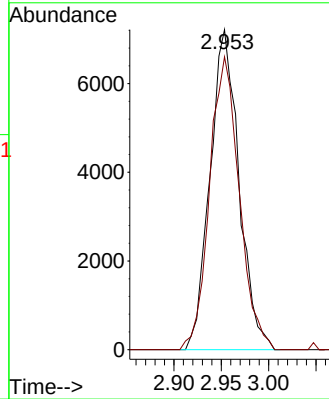
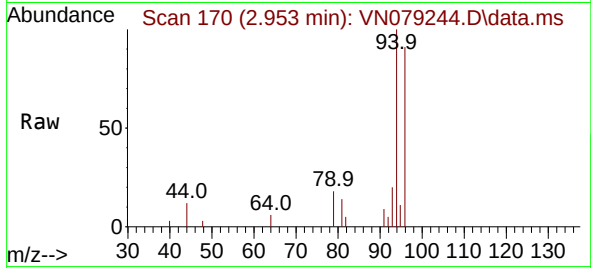
#5
Bromomethane
Concen: 25.685 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Instrument :
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Tgt Ion: 94 Resp: 15354
Ion Ratio Lower Upper
94 100
96 91.5 73.1 109.7

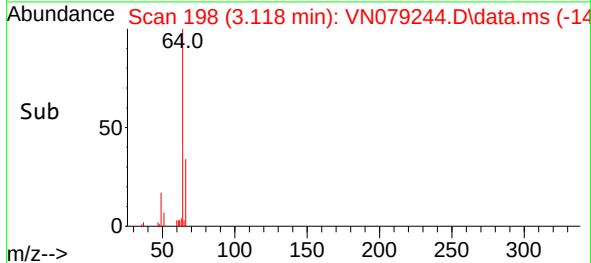
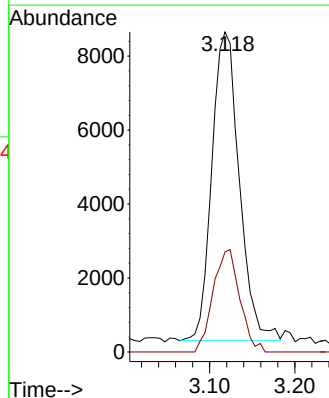
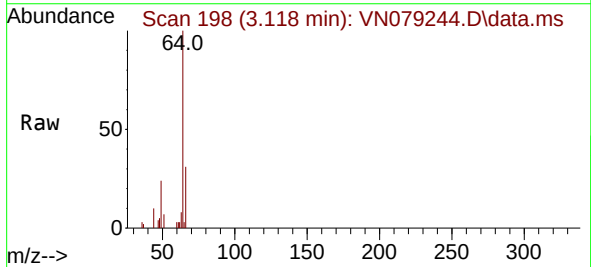
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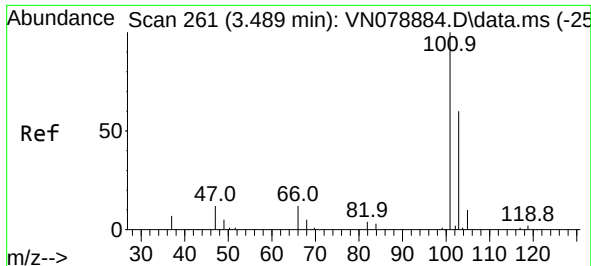
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#6
Chloroethane
Concen: 27.618 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079244.D
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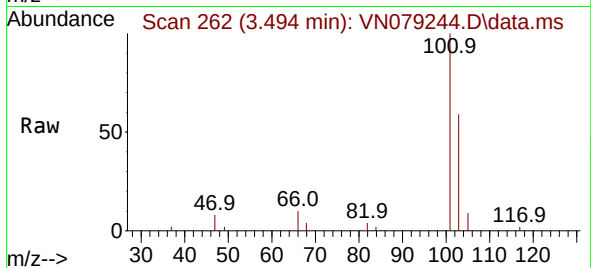
Tgt Ion: 64 Resp: 18661
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 16.130 ug/l
RT: 3.494 min Scan# 210
Delta R.T. -0.007 min
Lab File: VN079244.D
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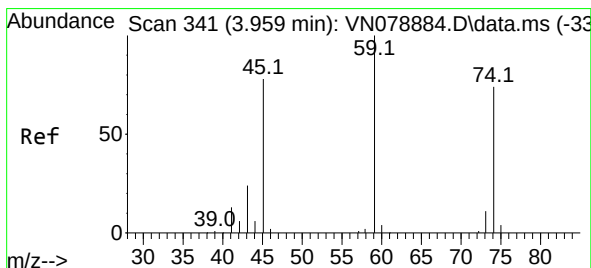
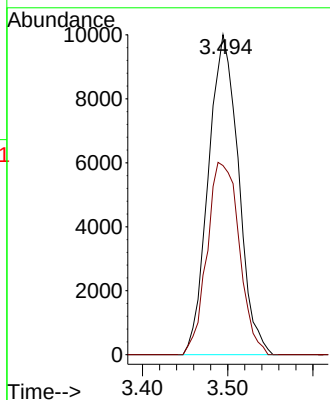
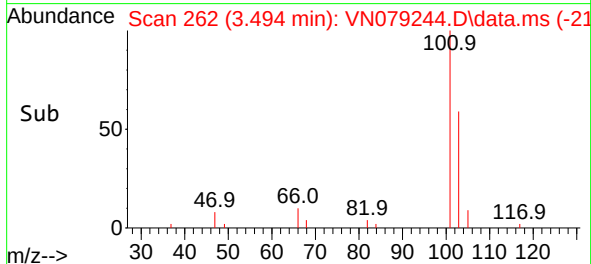
Instrument :
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Tgt Ion:101 Resp: 24564
Ion Ratio Lower Upper
101 100
103 59.1 50.7 76.1

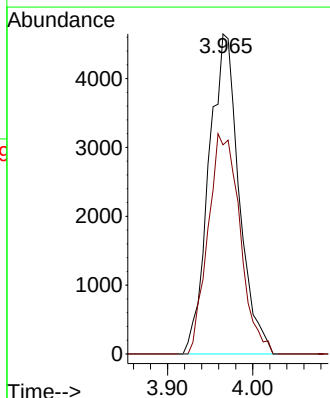
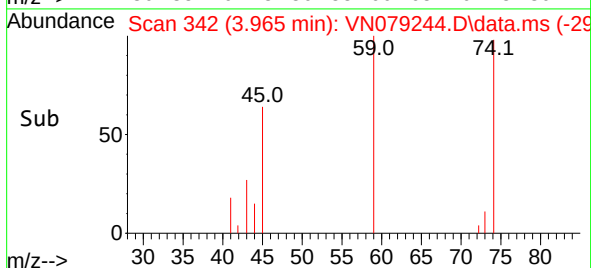
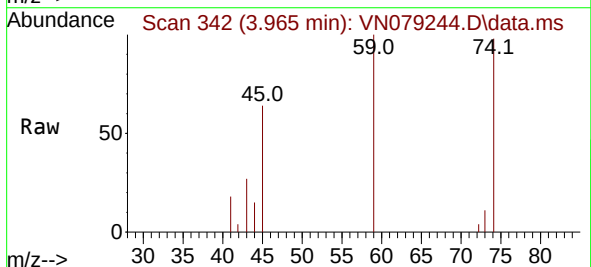
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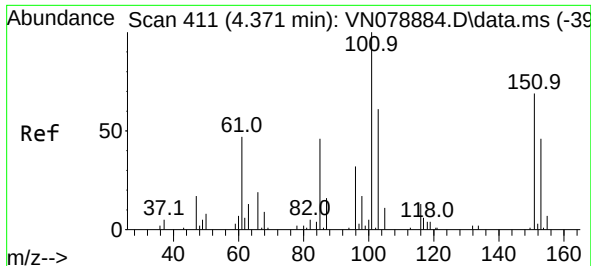
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#8
Diethyl Ether
Concen: 21.615 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 11425
Ion Ratio Lower Upper
74 100
45 72.9 34.4 103.3





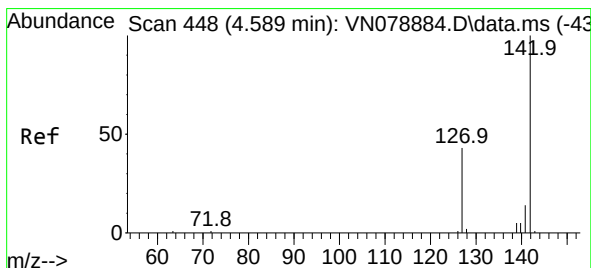
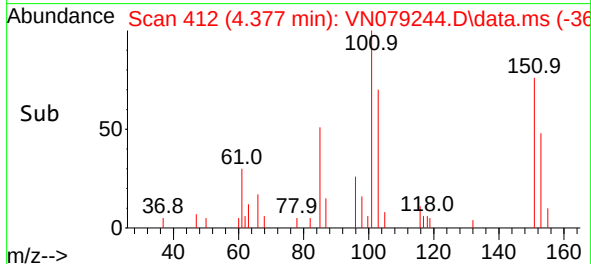
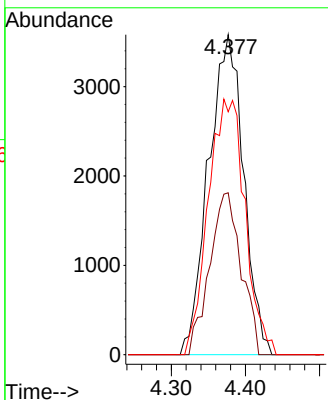
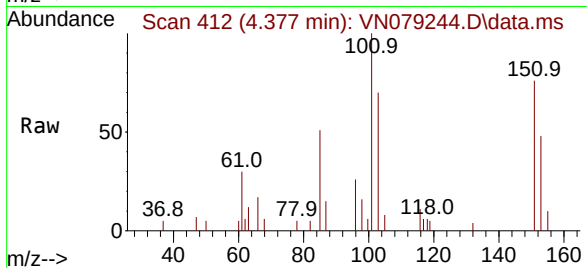
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.509 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079244.D
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Tgt Ion:101 Resp: 1175
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 84.0 57.6 86.4

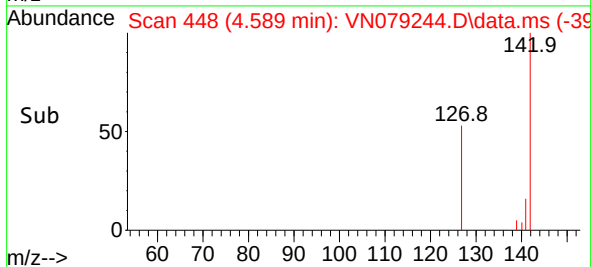
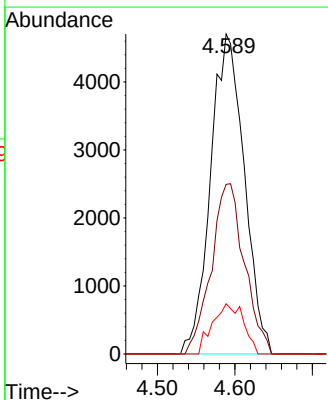
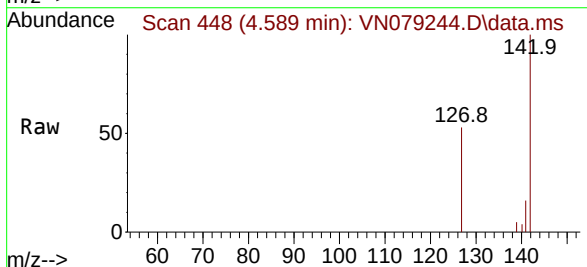
Manual Integrations
APPROVED

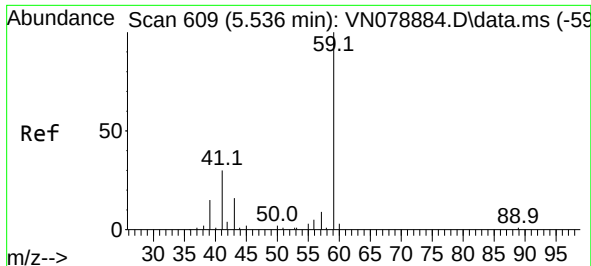
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#10
Methyl Iodide
Concen: 21.452 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

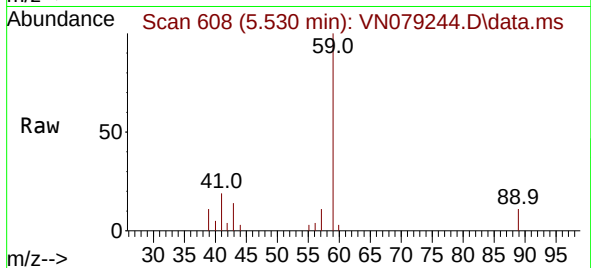
Tgt Ion:142 Resp: 14212
Ion Ratio Lower Upper
142 100
127 53.0 37.6 56.4
141 15.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 107.385 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

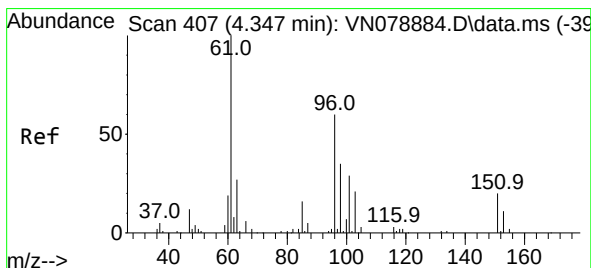
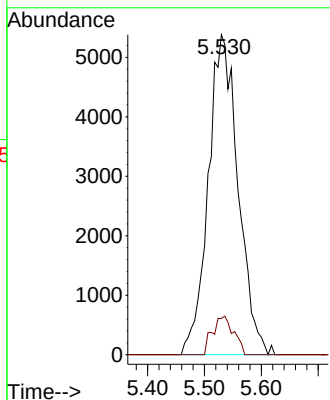
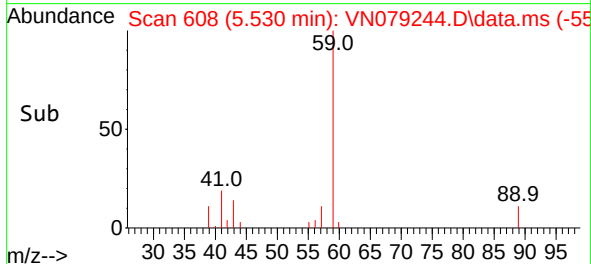
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 59 Resp: 1966
Ion Ratio Lower Upper
59 100
57 8.5 8.2 12.4

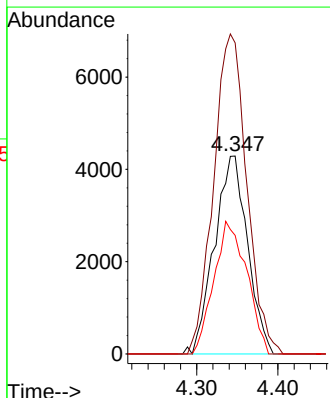
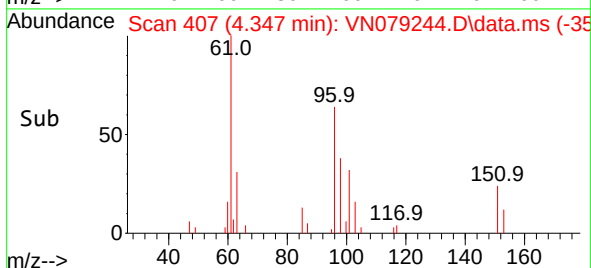
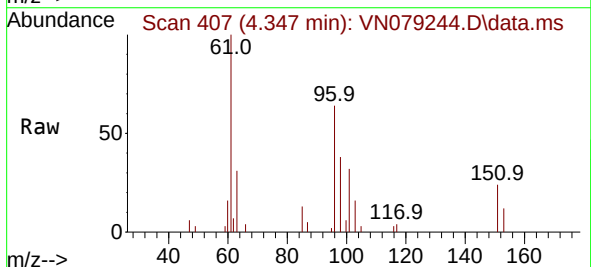
Manual Integrations
APPROVED

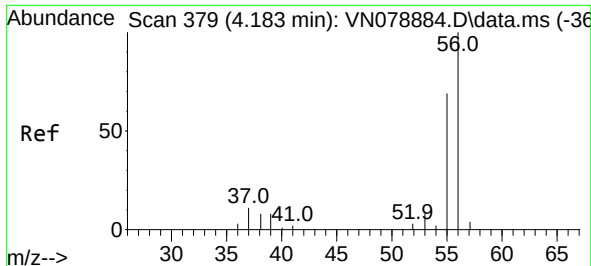
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#12
1,1-Dichloroethene
Concen: 15.486 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

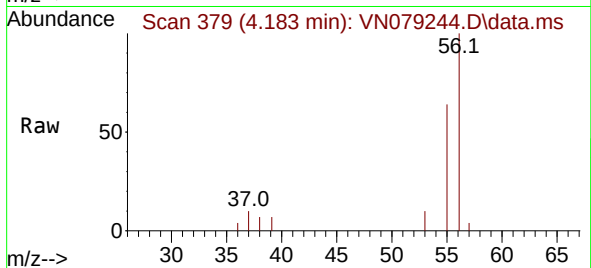
Tgt Ion: 96 Resp: 12137
Ion Ratio Lower Upper
96 100
61 157.1 112.7 169.1
98 59.9 51.2 76.8





#13
Acrolein
Concen: 97.326 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

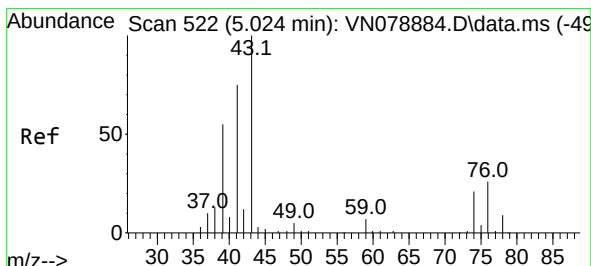
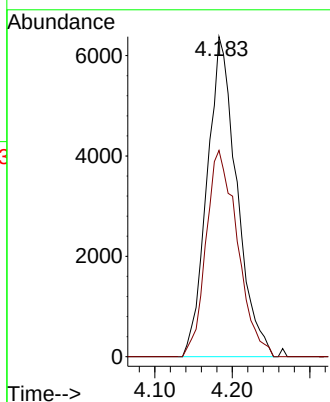
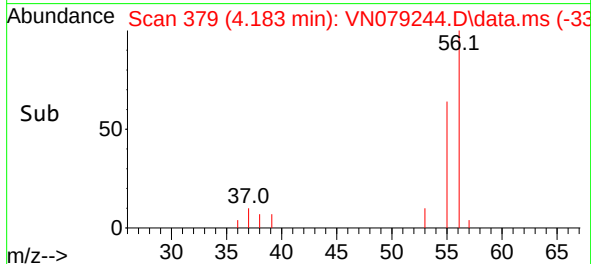
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



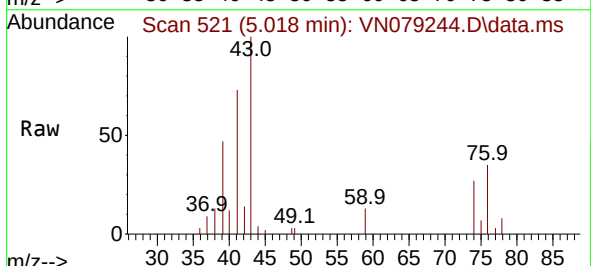
Tgt Ion: 56 Resp: 1700
Ion Ratio Lower Upper
56 100
55 68.3 54.5 81.7

Manual Integrations
APPROVED

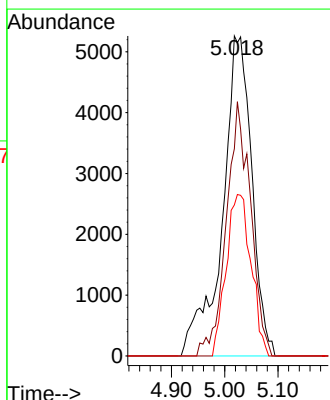
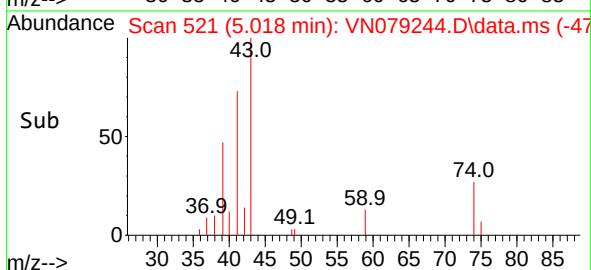
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

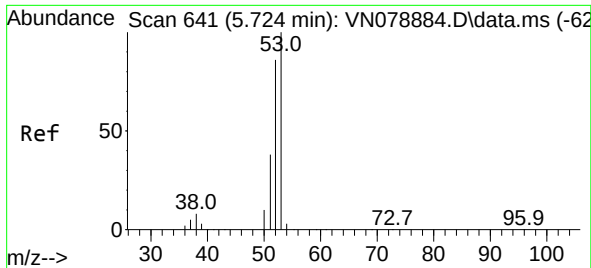


#14
Allyl chloride
Concen: 16.119 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48



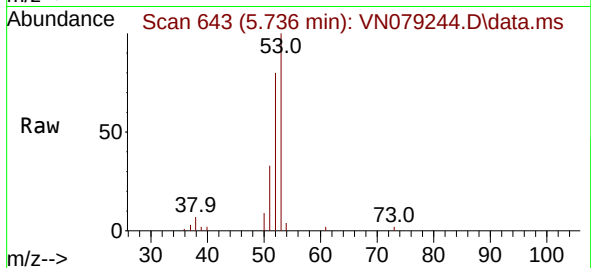
Tgt Ion: 41 Resp: 20152
Ion Ratio Lower Upper
41 100
39 65.8 58.8 88.2
76 42.6 39.1 58.7





#15
Acrylonitrile
Concen: 93.048 ug/l
RT: 5.736 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

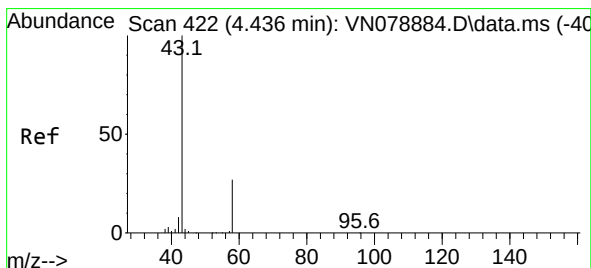
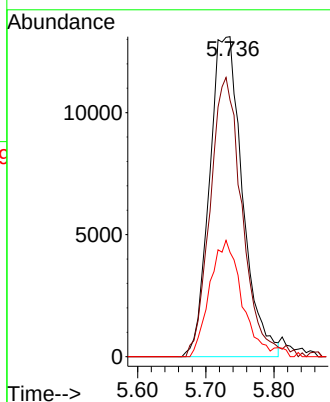
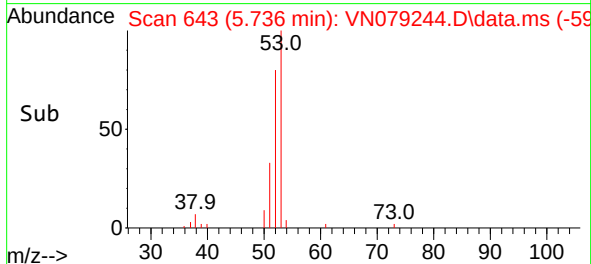
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 53 Resp: 44185
Ion Ratio Lower Upper
53 100
52 84.7 65.3 97.9
51 35.1 28.9 43.3

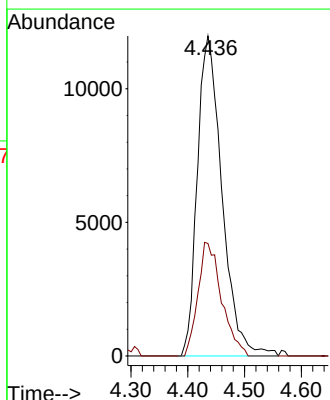
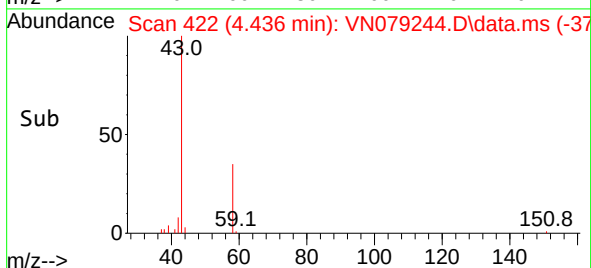
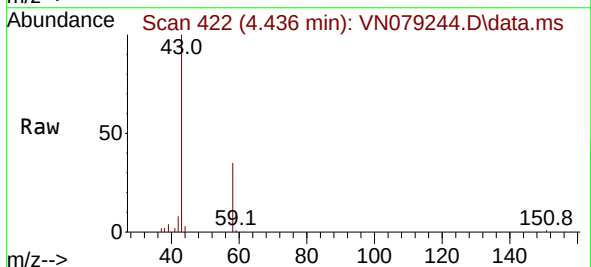
Manual Integrations
APPROVED

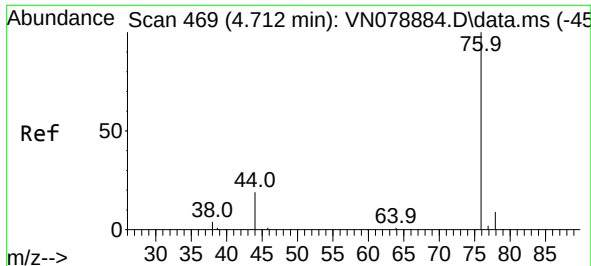
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#16
Acetone
Concen: 85.607 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

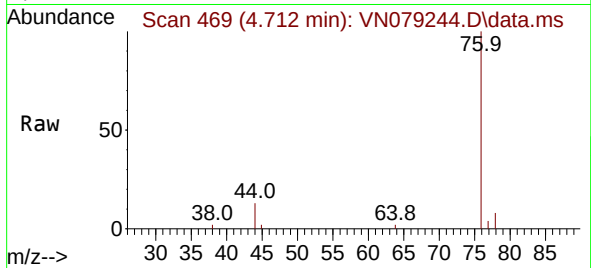
Tgt Ion: 43 Resp: 36065
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





#17
Carbon Disulfide
Concen: 12.929 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

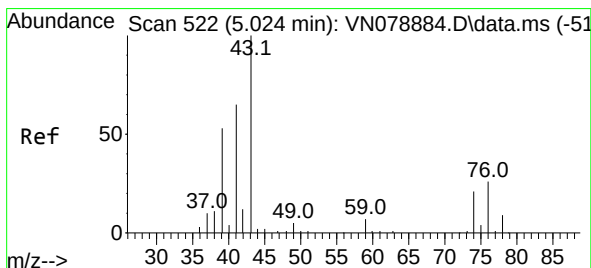
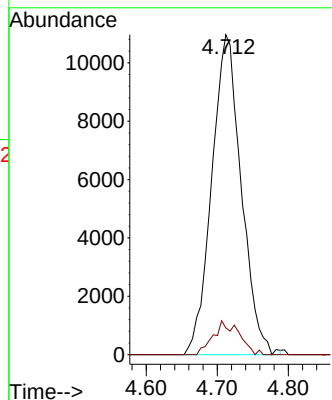
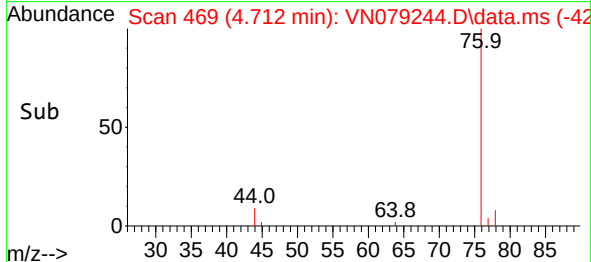
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



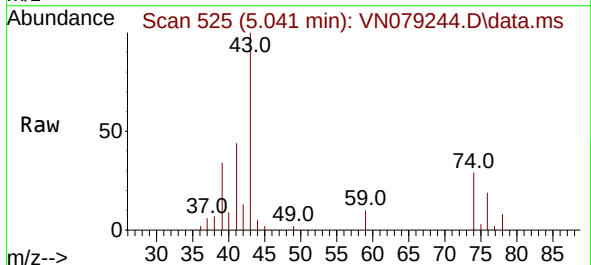
Tgt Ion: 76 Resp: 31669
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

Manual Integrations
APPROVED

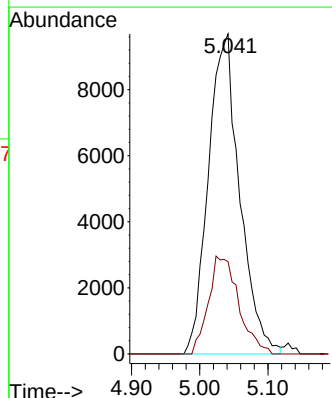
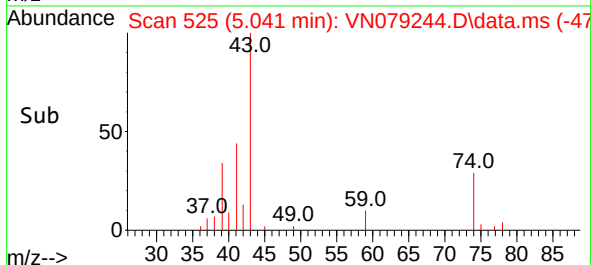
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

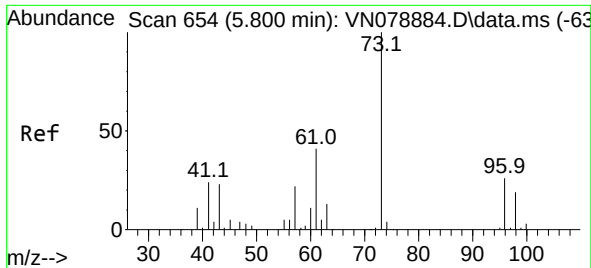


#18
Methyl Acetate
Concen: 17.885 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.001 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48



Tgt Ion: 43 Resp: 30967
Ion Ratio Lower Upper
43 100
74 29.4 26.2 39.4





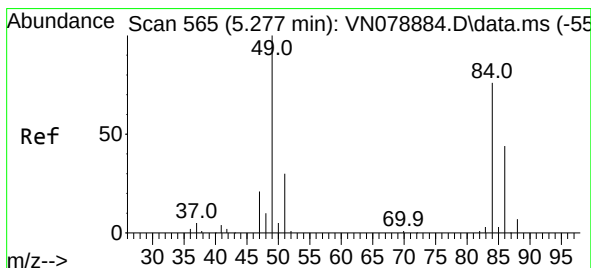
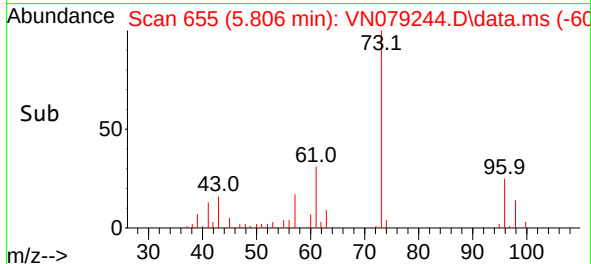
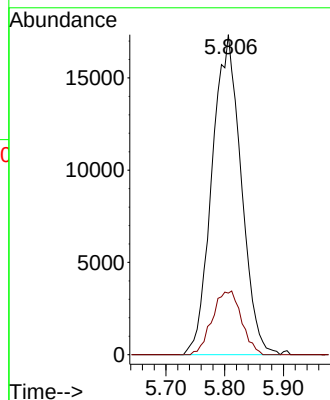
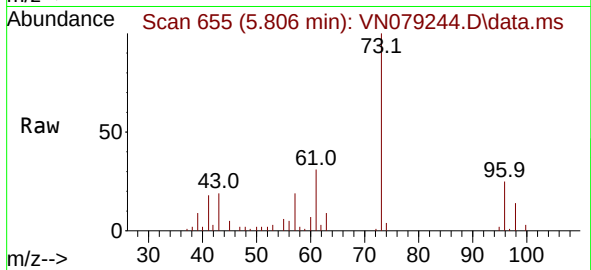
#19
Methyl tert-butyl Ether
Concen: 22.205 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 73 Resp: 5968
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4

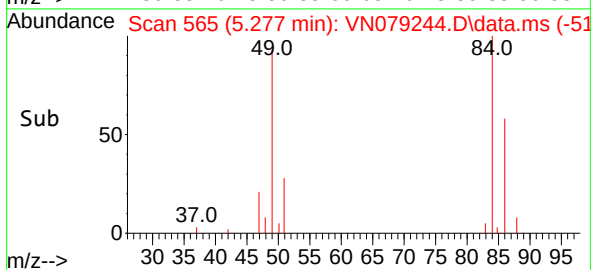
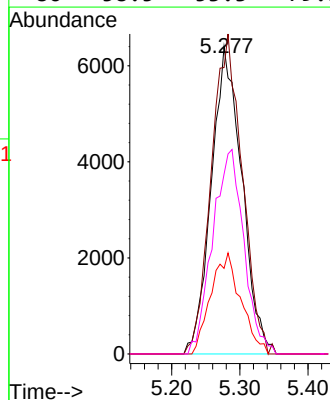
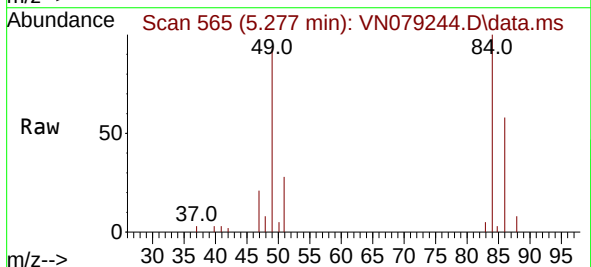
Manual Integrations
APPROVED

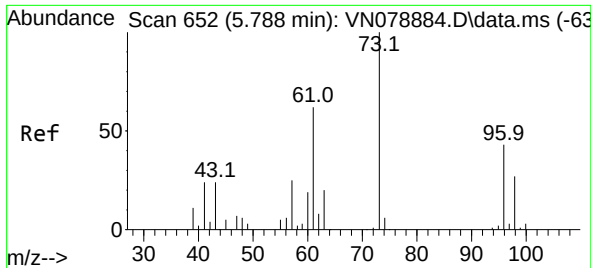
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#20
Methylene Chloride
Concen: 19.456 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Tgt Ion: 84 Resp: 19946
Ion Ratio Lower Upper
84 100
49 93.2 79.7 119.5
51 27.9 25.2 37.8
86 58.5 53.3 79.9





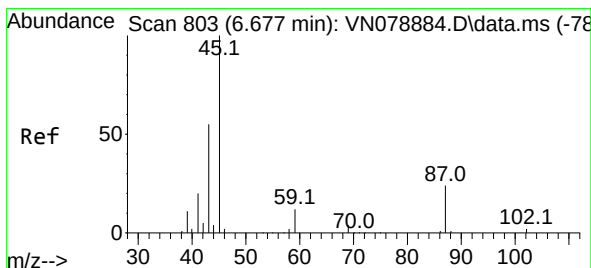
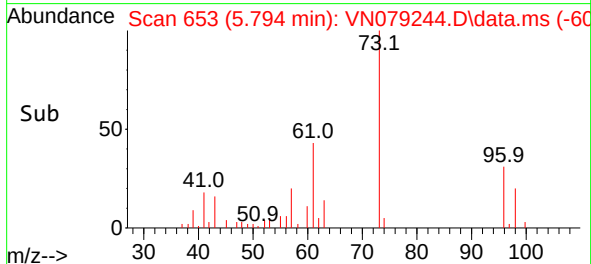
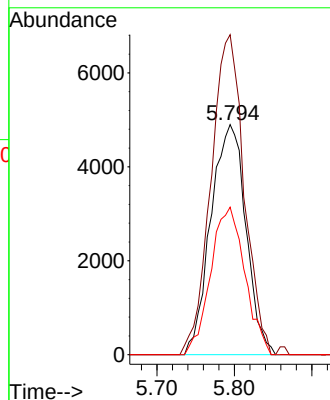
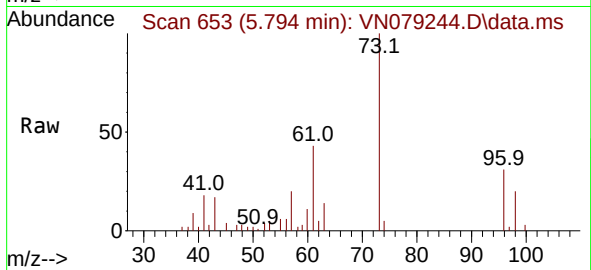
#21
trans-1,2-Dichloroethene
Concen: 16.965 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 96 Resp: 15424
Ion Ratio Lower Upper
96 100
61 139.0 90.1 135.1
98 64.1 46.4 69.6

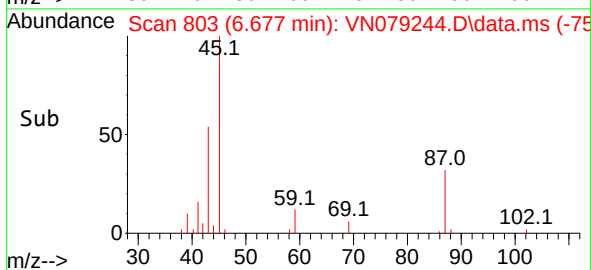
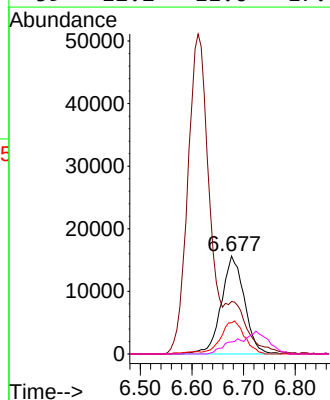
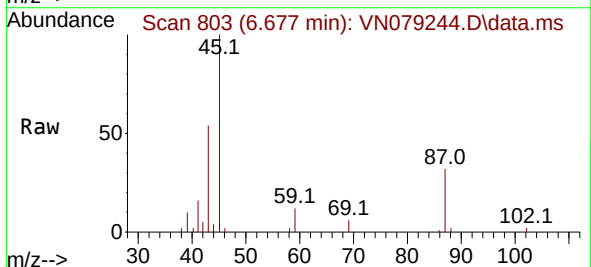
Manual Integrations
APPROVED

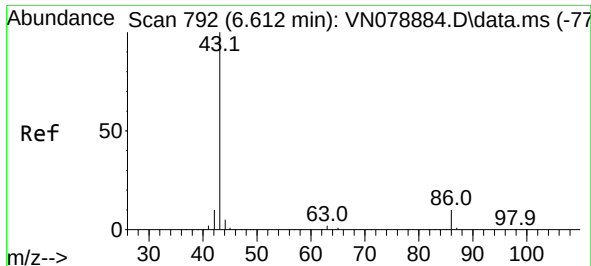
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#22
Diisopropyl ether
Concen: 17.636 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

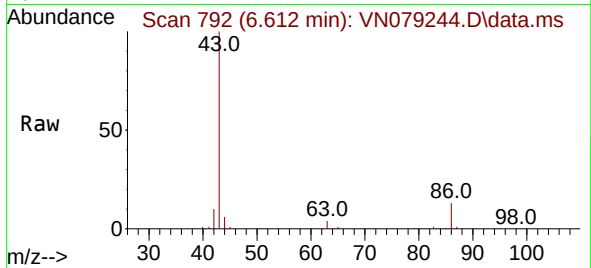
Tgt Ion: 45 Resp: 48379
Ion Ratio Lower Upper
45 100
43 51.2 45.5 68.3
87 31.8 31.8 47.8#
59 12.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 89.466 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

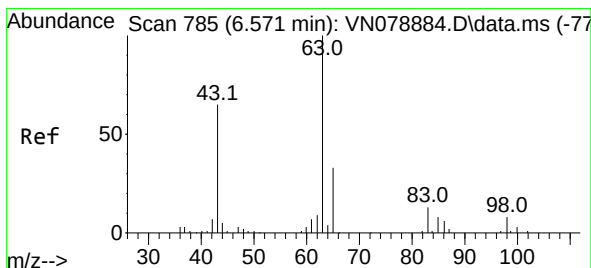
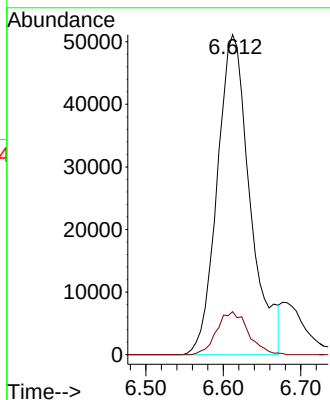
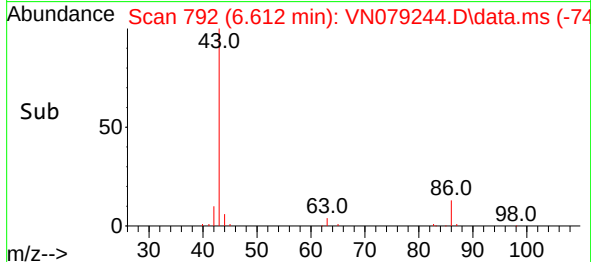
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



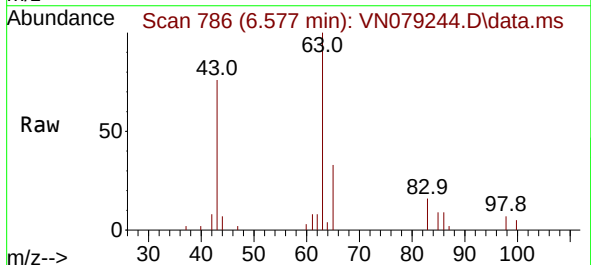
Tgt Ion: 43 Resp: 150952
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6

Manual Integrations
 APPROVED

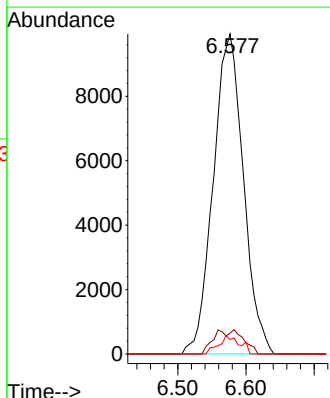
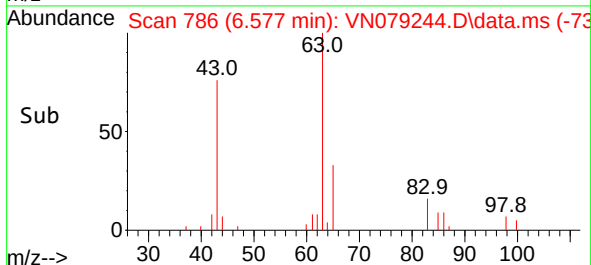
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

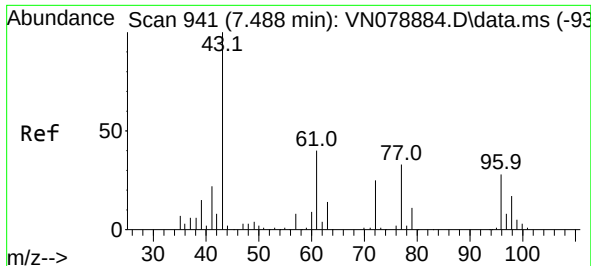


#24
 1,1-Dichloroethane
 Concen: 18.075 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48



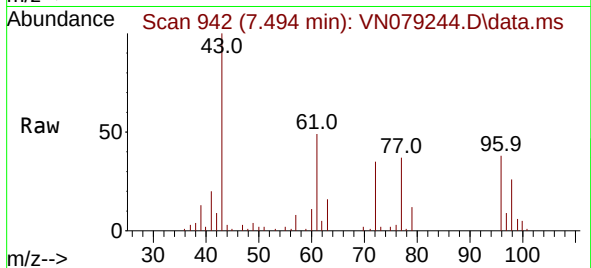
Tgt Ion: 63 Resp: 30566
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 89.000 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

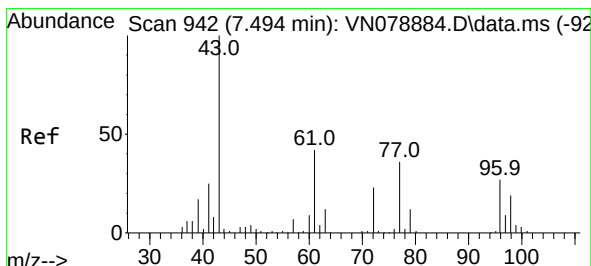
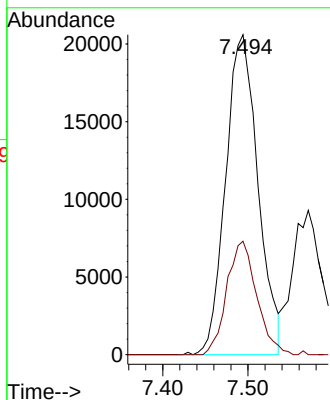
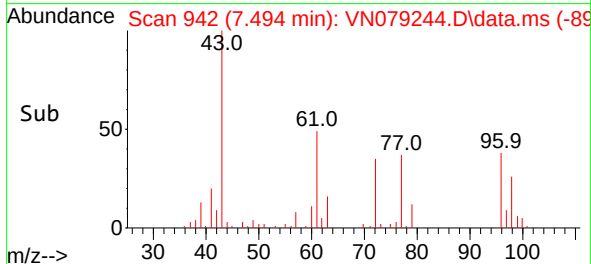
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



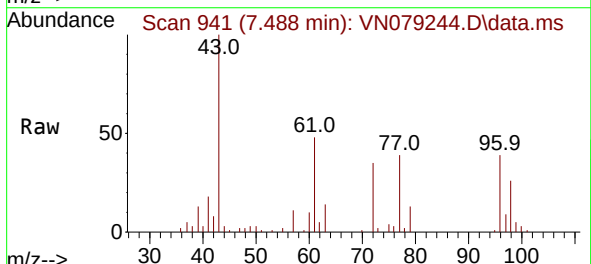
Tgt Ion: 43 Resp: 5440
Ion Ratio Lower Upper
43 100
72 35.5 30.2 45.2

Manual Integrations
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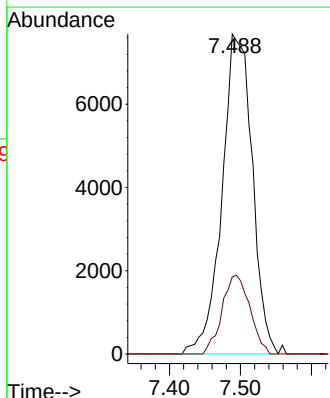
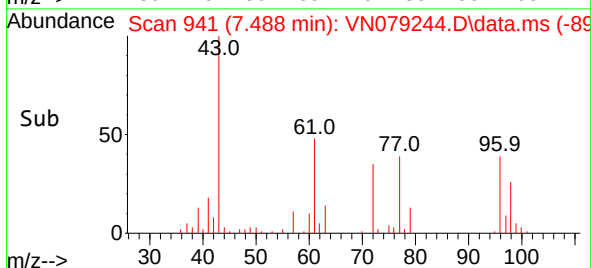
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

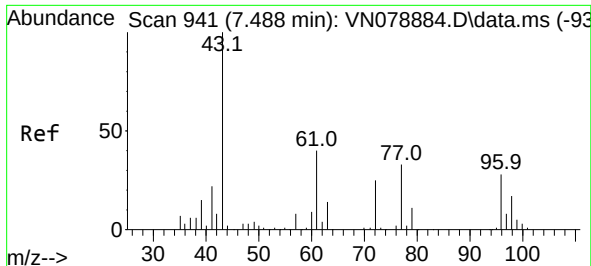


#26
2,2-Dichloropropane
Concen: 16.377 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48



Tgt Ion: 77 Resp: 22726
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





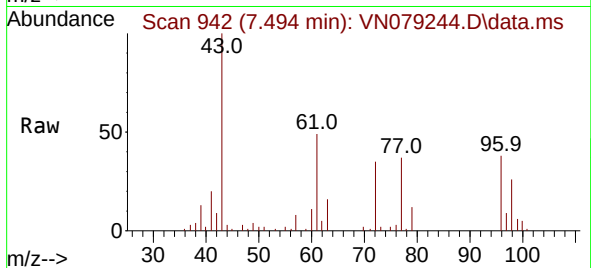
#27
 cis-1,2-Dichloroethene
 Concen: 18.616 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01



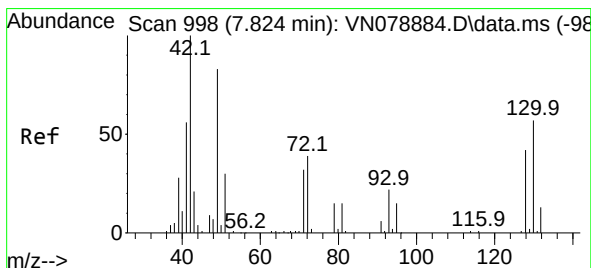
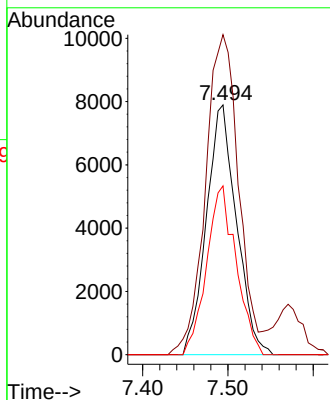
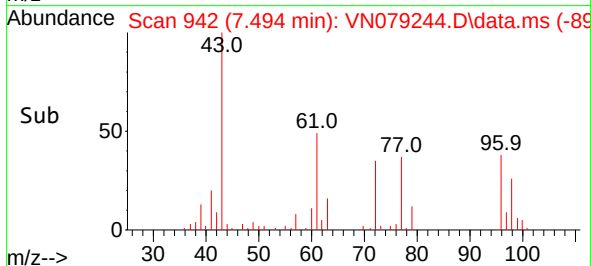
Tgt Ion: 96 Resp: 1935
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 255.2
 98 66.2 0.0 128.8

Manual Integrations

APPROVED

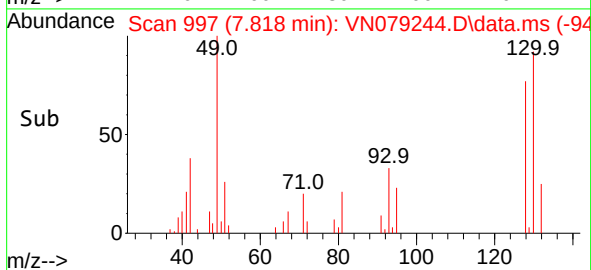
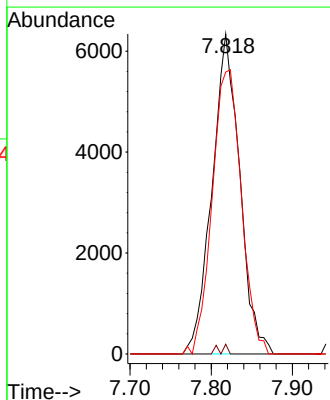
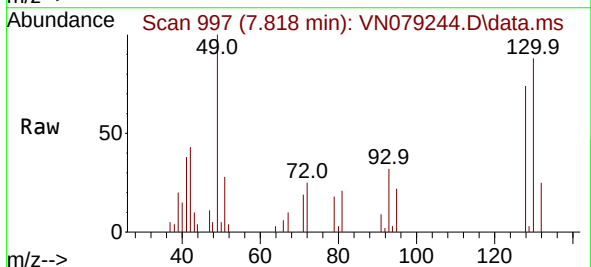
Reviewed By :John Carlone 09/13/2023

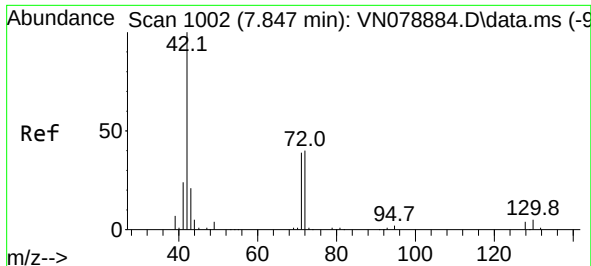
Supervised By :Mahesh Dadoda 09/13/2023



#28
 Bromochloromethane
 Concen: 19.661 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

Tgt Ion: 49 Resp: 15032
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.8
 130 93.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 90.606 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

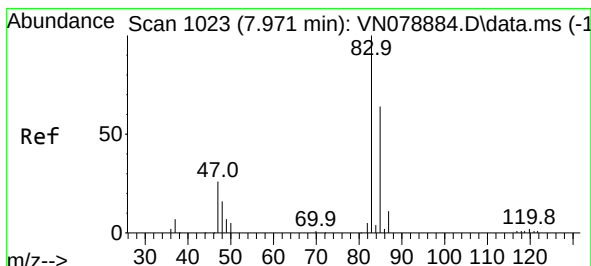
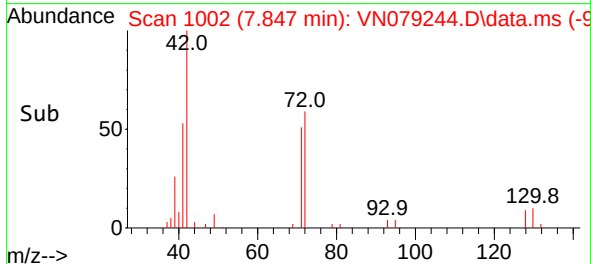
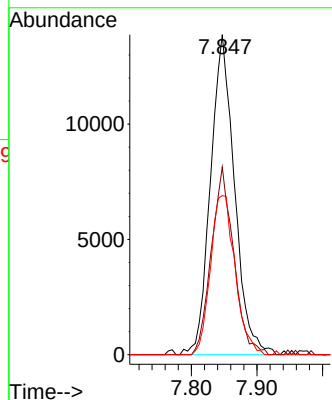
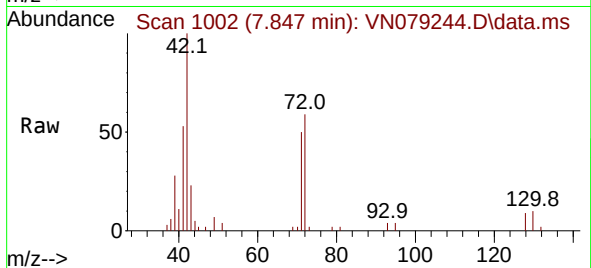
Tgt Ion:	42	Resp:	3524
Ion Ratio	Lower	Upper	
42	100		
72	54.6	49.8	74.6
71	50.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#30

Chloroform

Concen: 20.477 ug/l

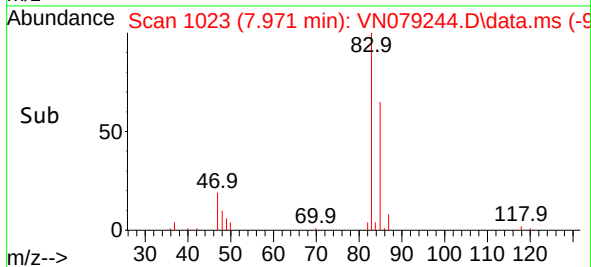
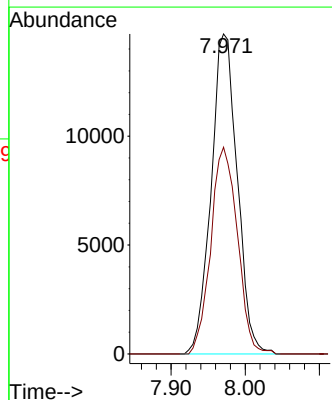
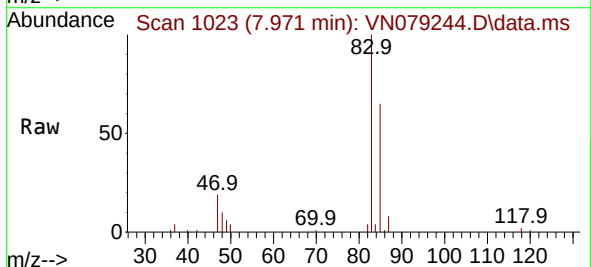
RT: 7.971 min Scan# 1023

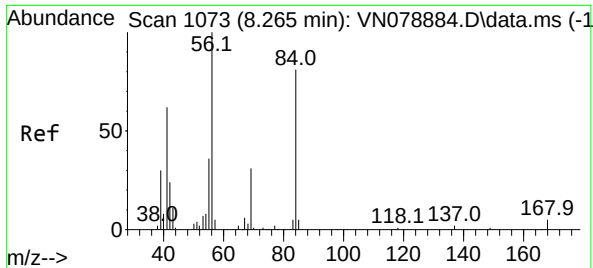
Delta R.T. -0.006 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

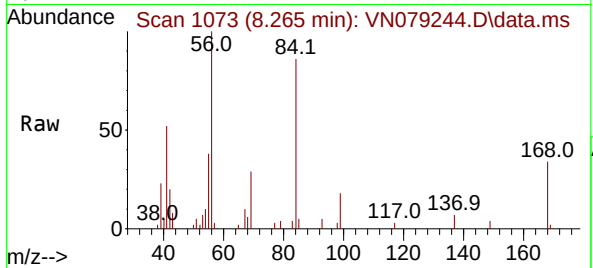
Tgt Ion:	83	Resp:	36052
Ion Ratio	Lower	Upper	
83	100		
85	64.6	55.4	83.0





#31
Cyclohexane
Concen: 12.620 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

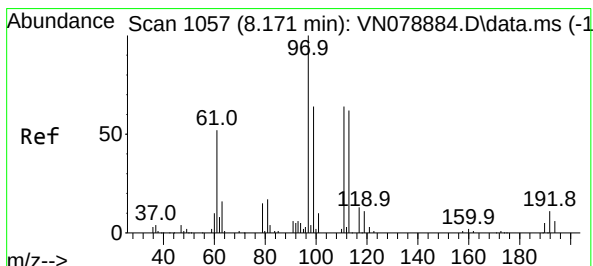
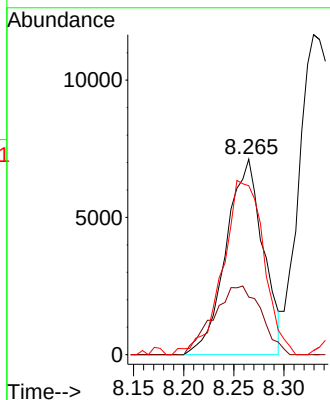
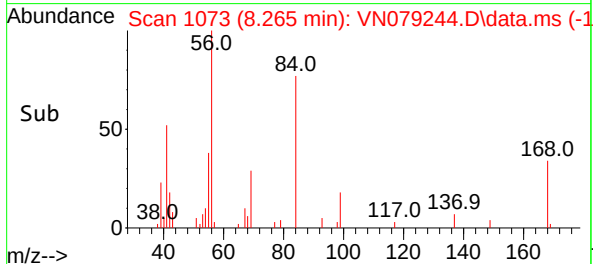
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



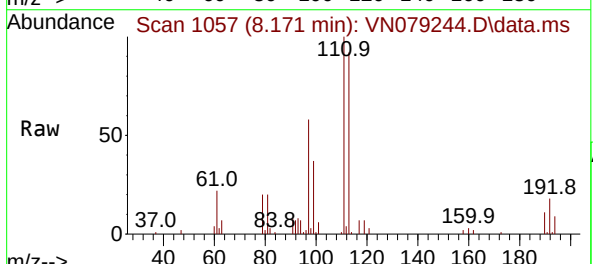
Tgt Ion: 56 Resp: 18279
Ion Ratio Lower Upper
56 100
69 29.5 26.8 40.2
84 83.2 81.8 122.6

Manual Integrations
APPROVED

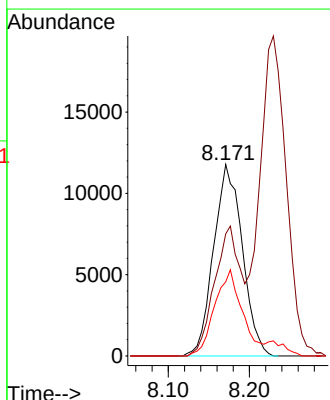
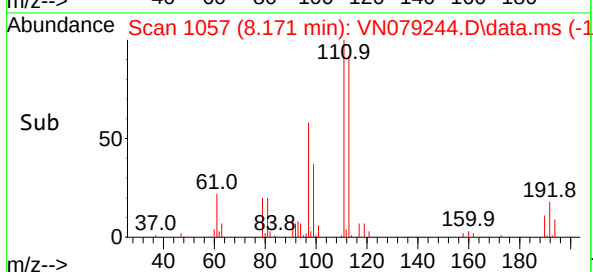
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

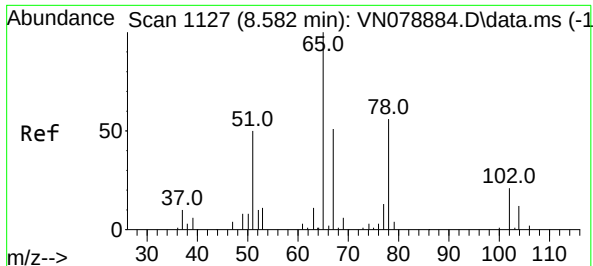


#32
1,1,1-Trichloroethane
Concen: 19.264 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48



Tgt Ion: 97 Resp: 28912
Ion Ratio Lower Upper
97 100
99 61.3 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 62.979 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 65 Resp: 62472

Ion Ratio Lower Upper

65 100

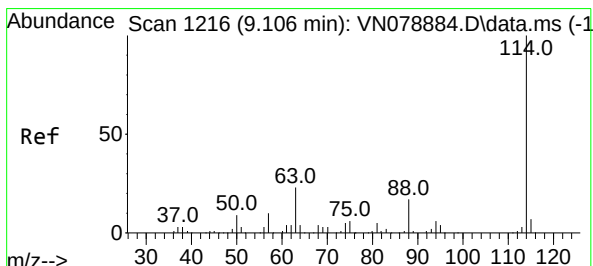
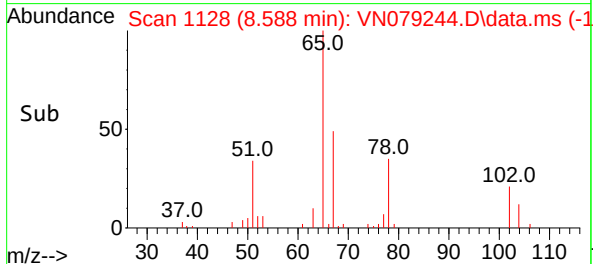
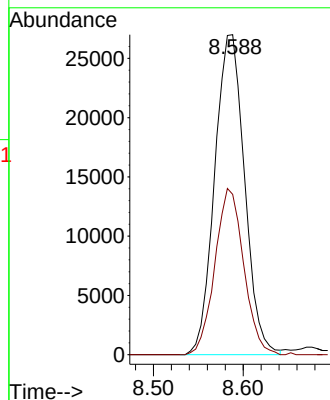
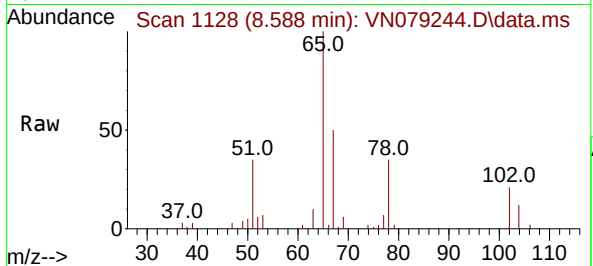
67 50.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

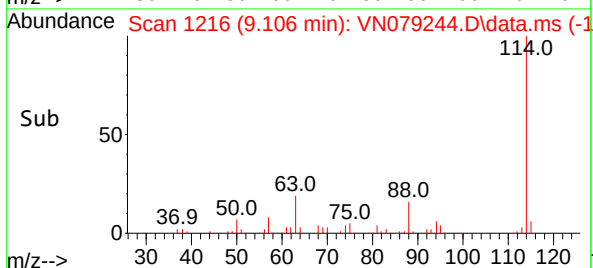
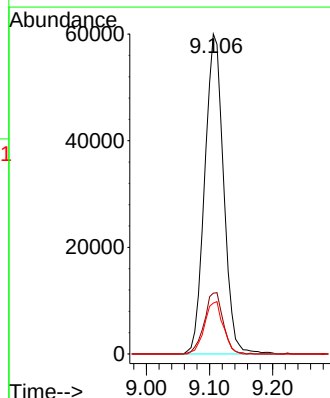
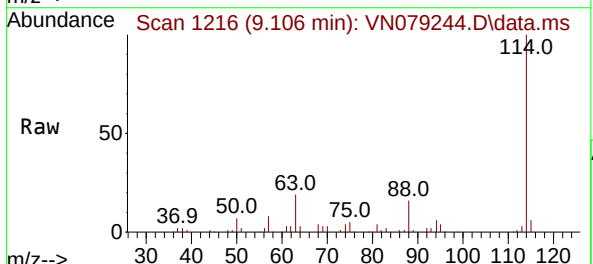
Tgt Ion:114 Resp: 124212

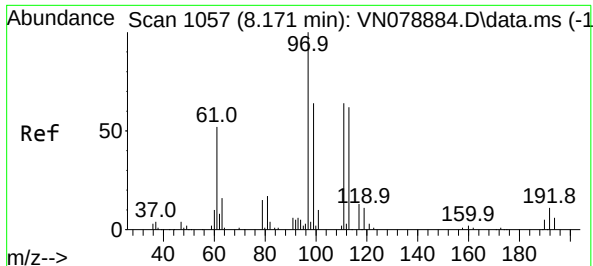
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.532 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

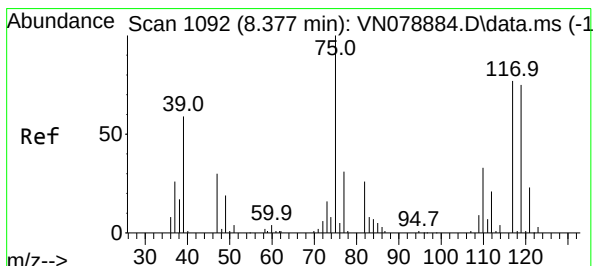
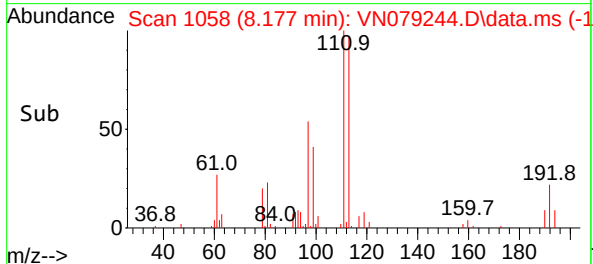
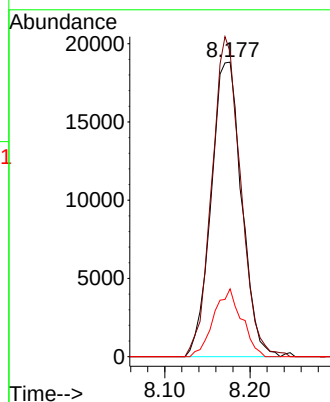
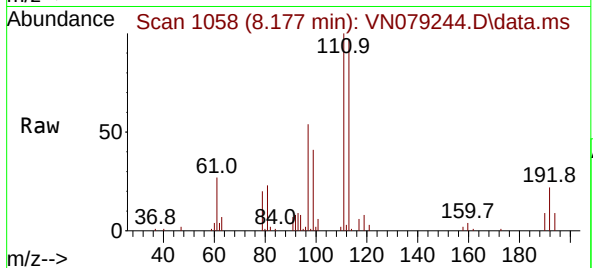
Tgt Ion:	113	Resp:	46709
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	21.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#36

1,1-Dichloropropene

Concen: 15.710 ug/l

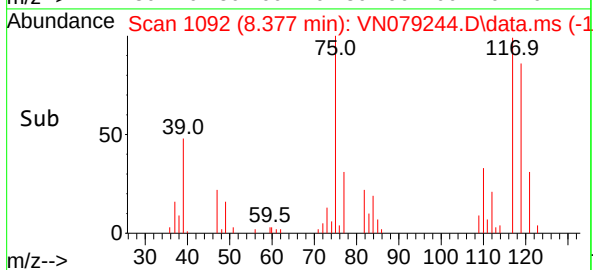
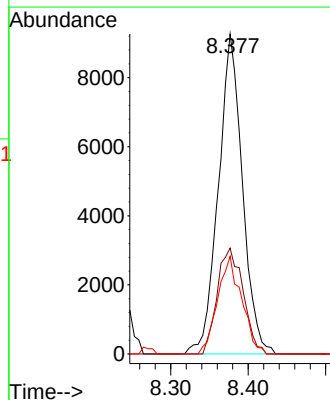
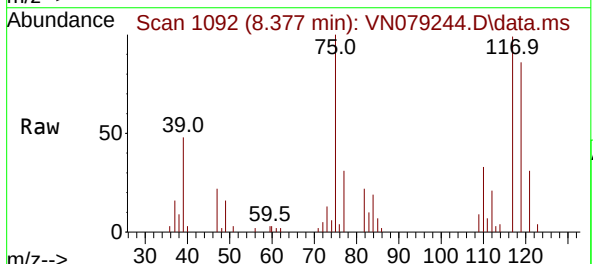
RT: 8.377 min Scan# 1092

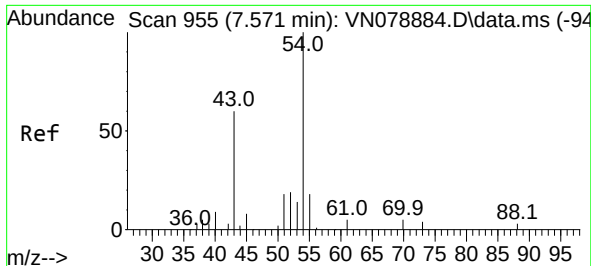
Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Tgt Ion:	75	Resp:	20007
Ion	Ratio	Lower	Upper
75	100		
110	35.5	19.1	57.3
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 18.675 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079244.D

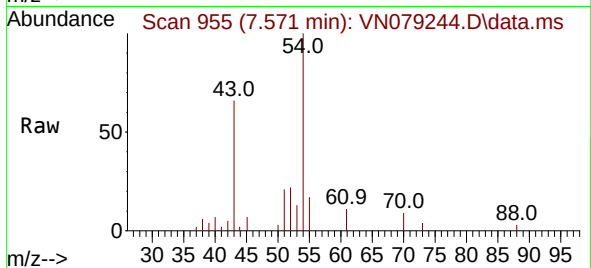
Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01



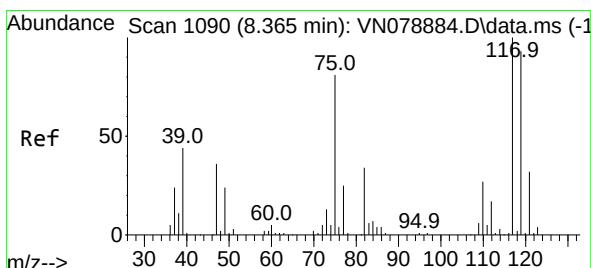
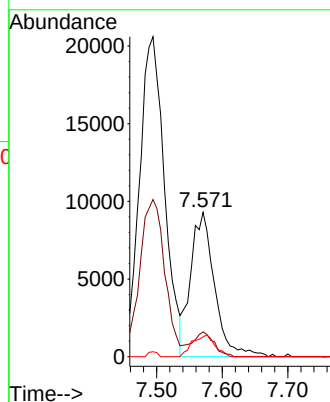
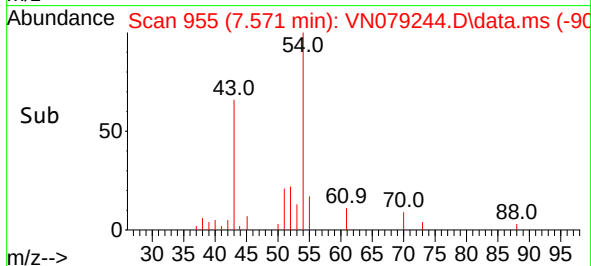
Tgt Ion: 43	Resp: 2372
Ion Ratio	Lower Upper
43	100
61	15.2 13.2 19.8
70	14.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#38

Carbon Tetrachloride

Concen: 18.945 ug/l

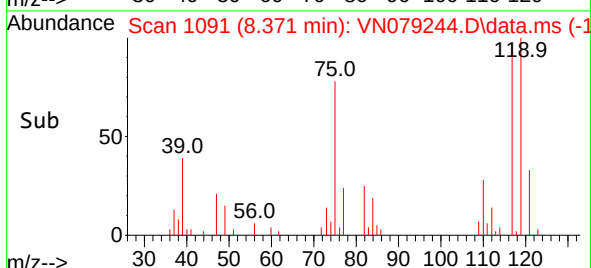
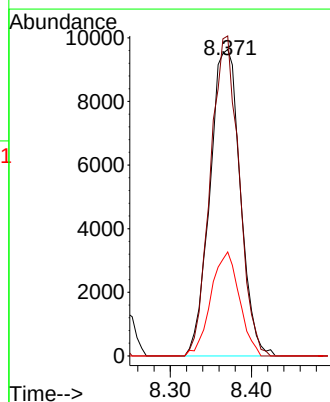
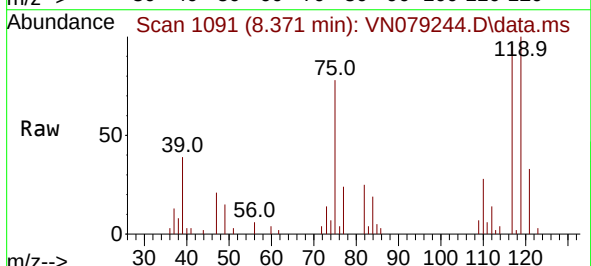
RT: 8.371 min Scan# 1091

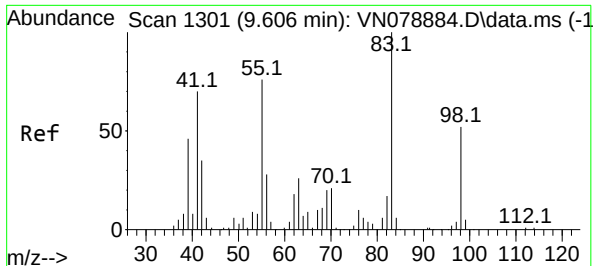
Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Tgt Ion: 117	Resp: 24968
Ion Ratio	Lower Upper
117	100
119	104.4 77.3 115.9
121	33.9 23.3 34.9





#39

Methylcyclohexane

Concen: 14.500 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 83 Resp: 1821

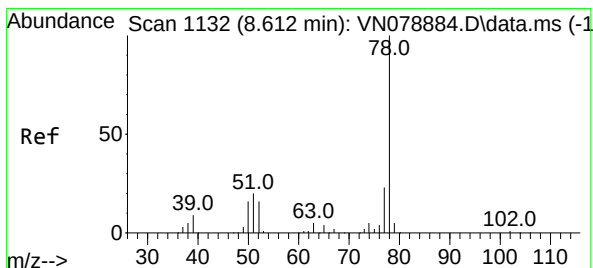
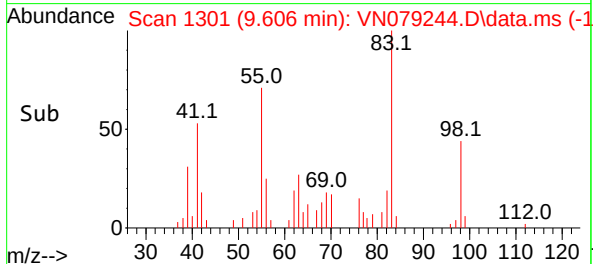
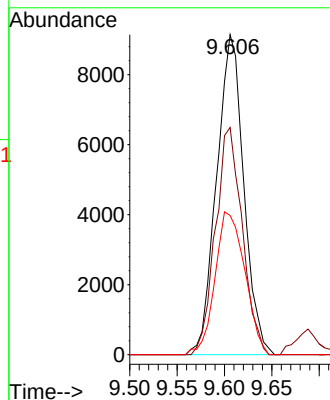
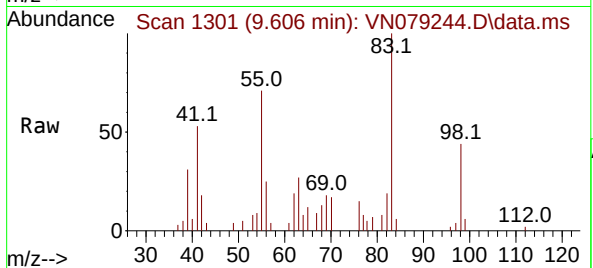
Ion	Ratio	Lower	Upper
83	100		
55	71.0	49.1	73.7
98	43.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#40

Benzene

Concen: 17.645 ug/l

RT: 8.612 min Scan# 1132

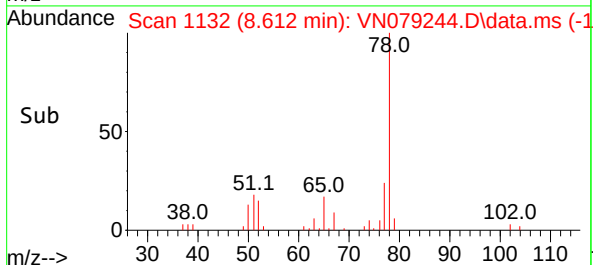
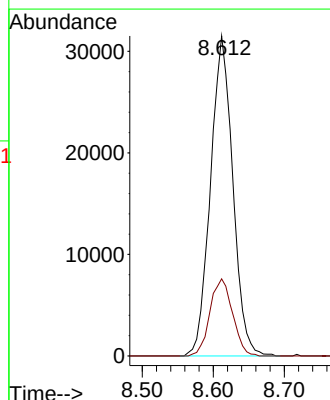
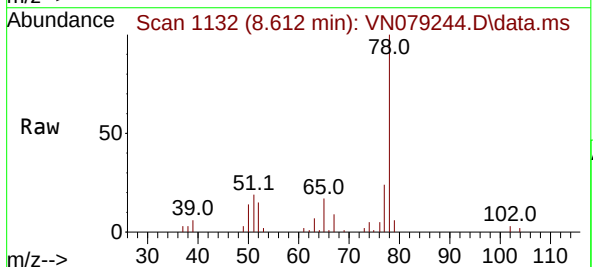
Delta R.T. -0.000 min

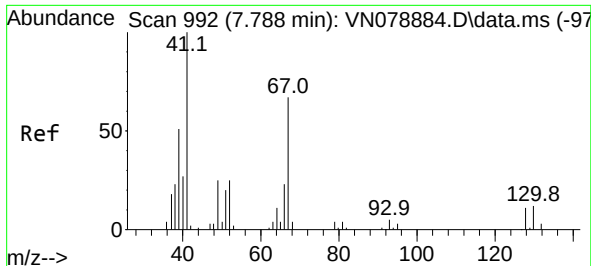
Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Tgt Ion: 78 Resp: 68791

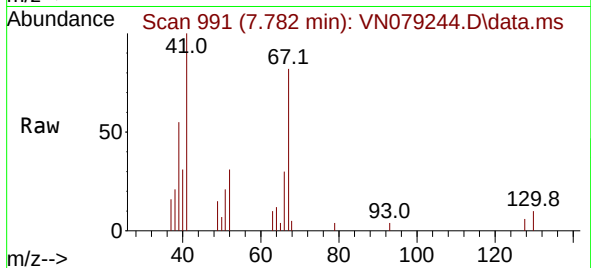
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





#41
Methacrylonitrile
Concen: 17.842 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

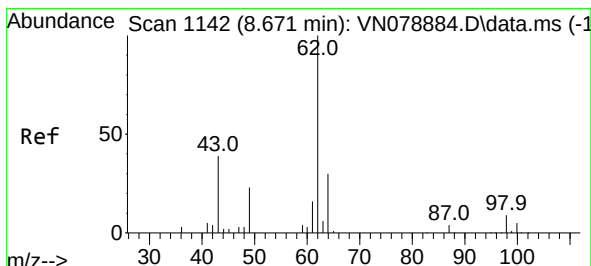
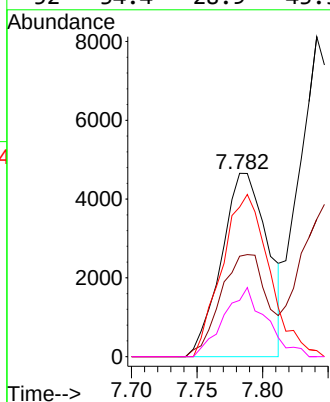
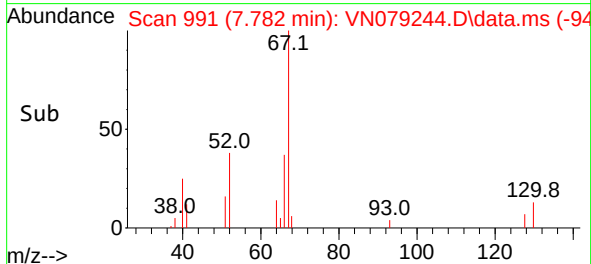
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:	41	Resp:	1142
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.6	64.0
67	90.7	77.5	116.3
52	34.4	28.9	43.3

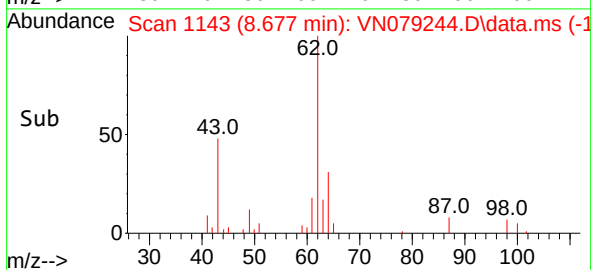
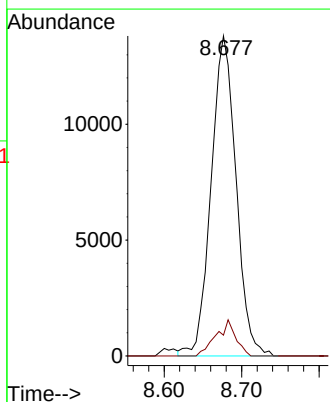
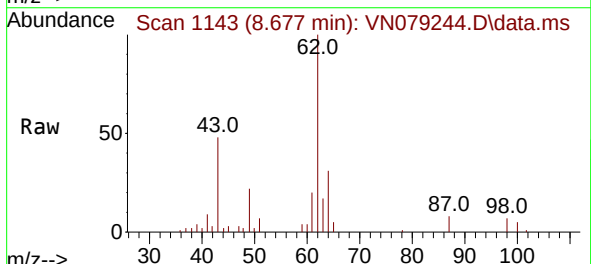
Manual Integrations
APPROVED

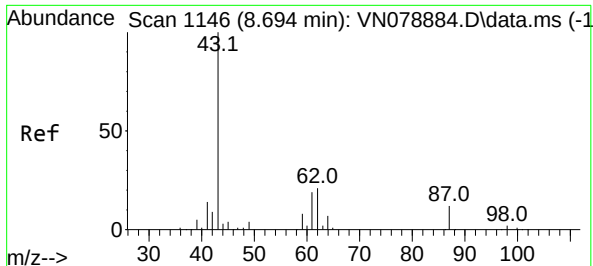
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#42
1,2-Dichloroethane
Concen: 23.019 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Tgt Ion:	62	Resp:	30895
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.332 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

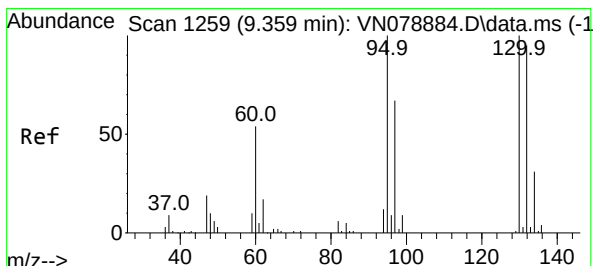
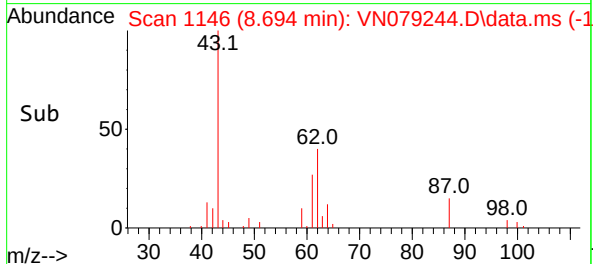
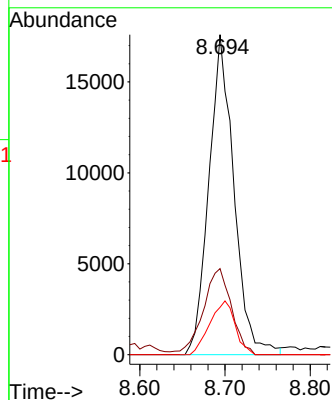
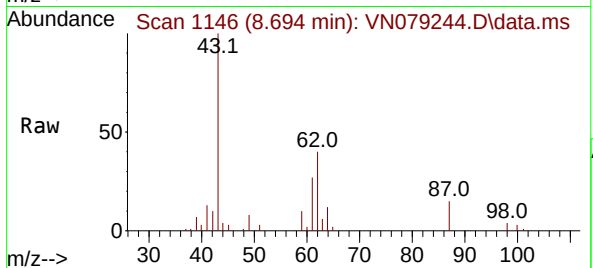
Tgt Ion: 43	Resp: 3592
Ion Ratio	Lower Upper
43 100	
61 30.5	24.7 37.1
87 17.0	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#44

Trichloroethene

Concen: 17.392 ug/l

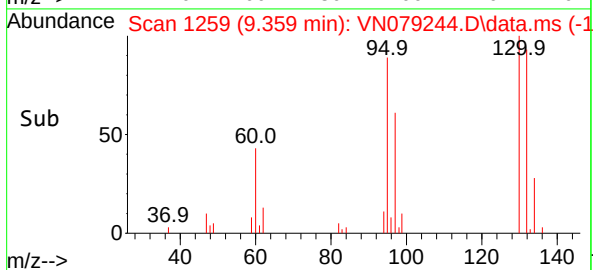
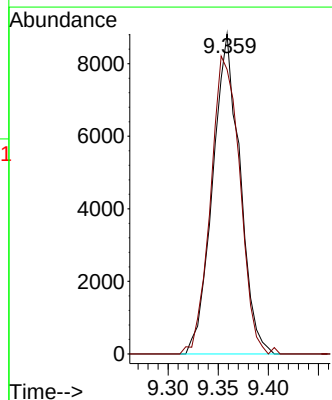
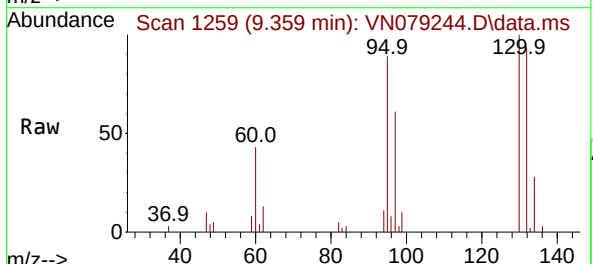
RT: 9.359 min Scan# 1259

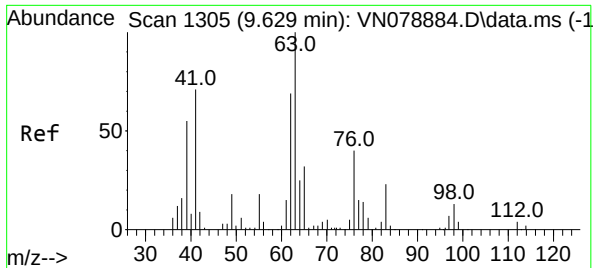
Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Tgt Ion:130	Resp: 16703
Ion Ratio	Lower Upper
130 100	
95 88.9	0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.520 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.001 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 63 Resp: 17919

Ion Ratio Lower Upper

63 100

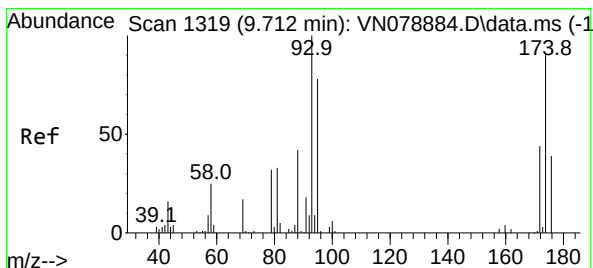
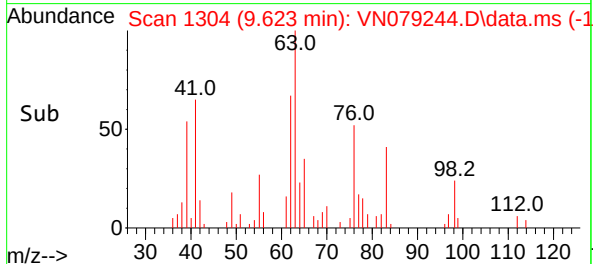
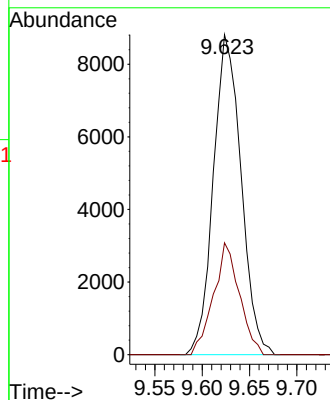
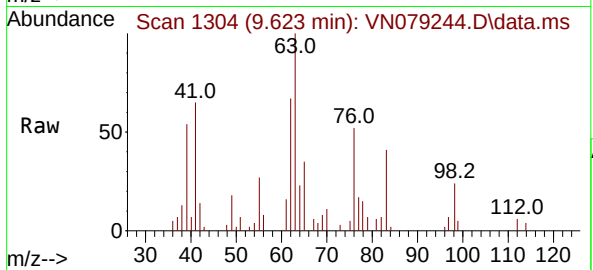
65 35.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#46

Dibromomethane

Concen: 21.153 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

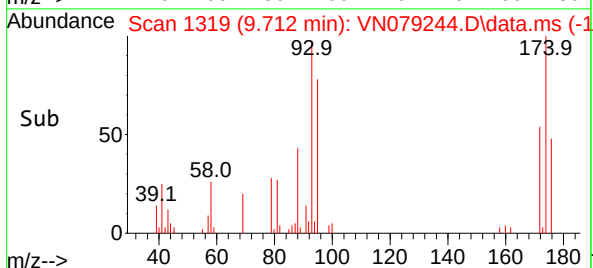
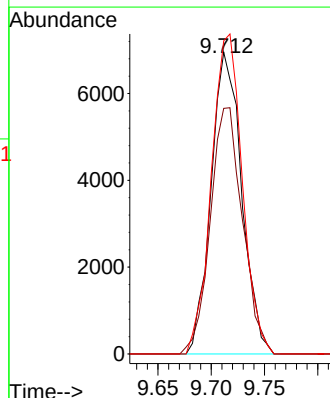
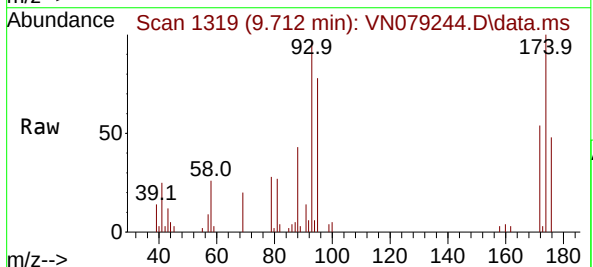
Tgt Ion: 93 Resp: 13894

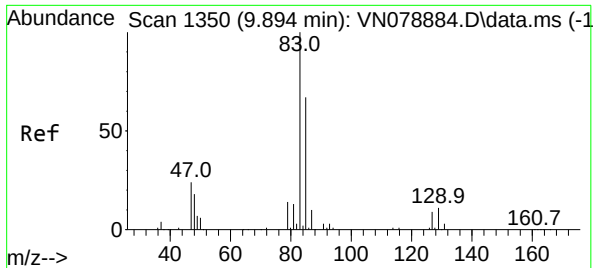
Ion Ratio Lower Upper

93 100

95 85.9 63.8 95.8

174 106.7 65.6 98.4#





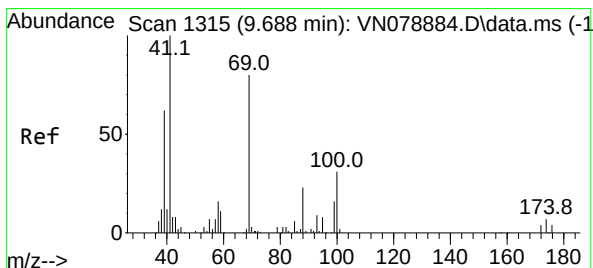
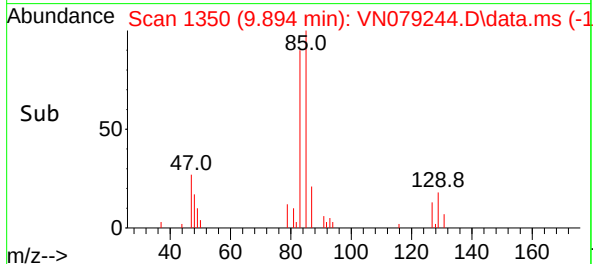
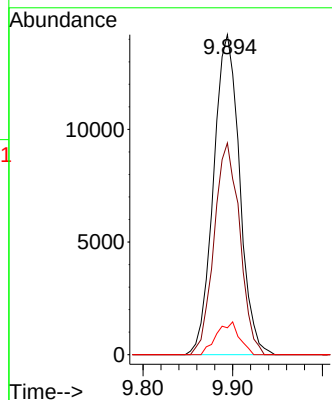
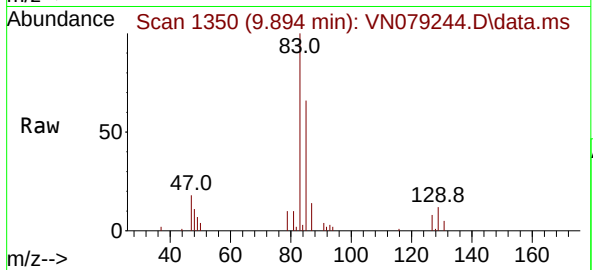
#47
Bromodichloromethane
Concen: 21.309 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 83 Resp: 2866
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 8.4 7.0 10.6

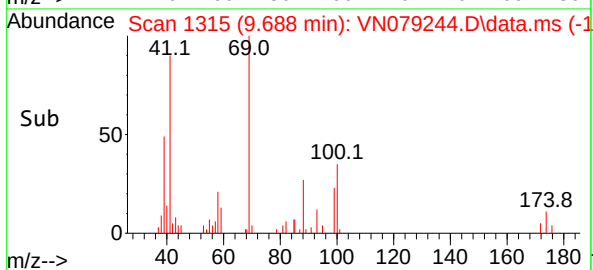
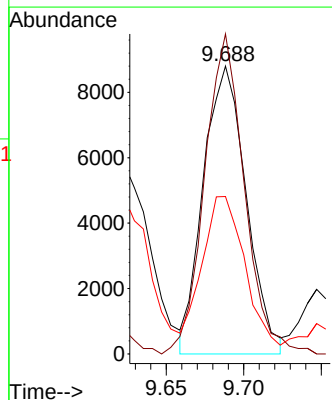
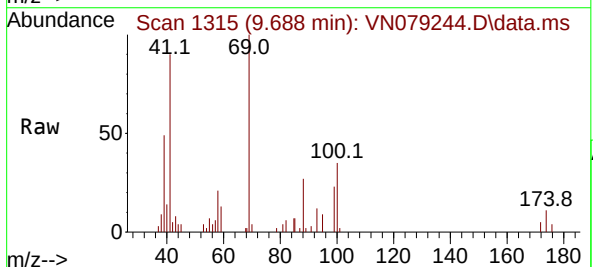
Manual Integrations
APPROVED

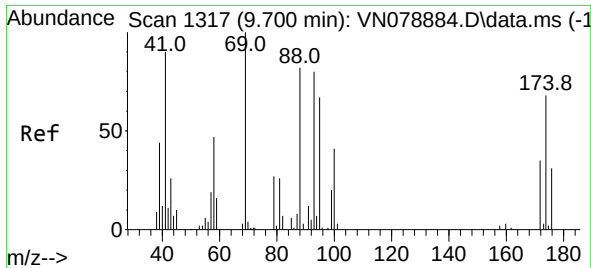
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#48
Methyl methacrylate
Concen: 18.242 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

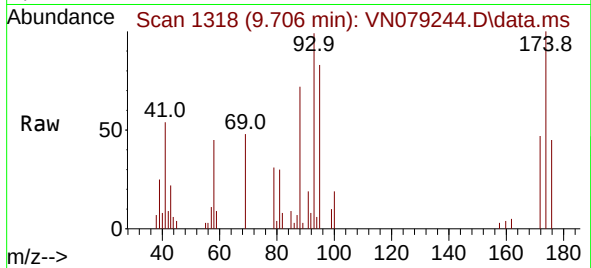
Tgt Ion: 41 Resp: 16936
Ion Ratio Lower Upper
41 100
69 103.2 90.4 135.6
39 56.1 54.6 81.8





#49
1,4-Dioxane
Concen: 453.569 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

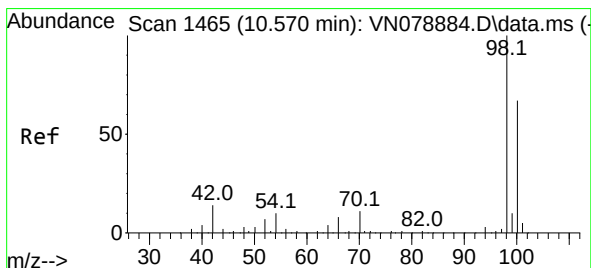
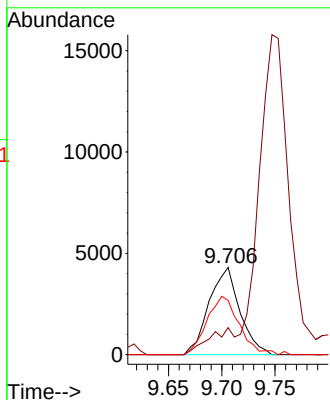
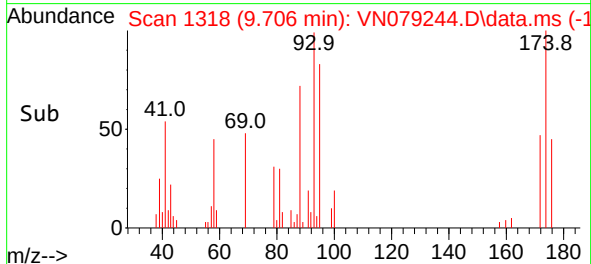
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 88 Resp: 866
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 70.5 47.0 70.4

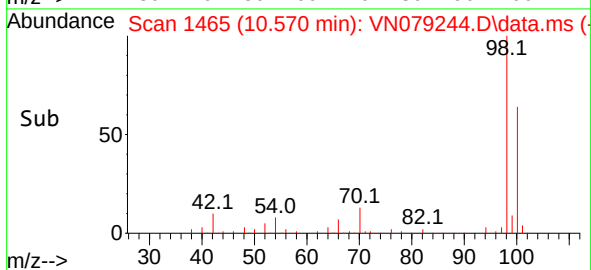
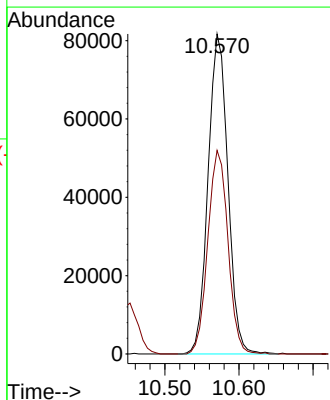
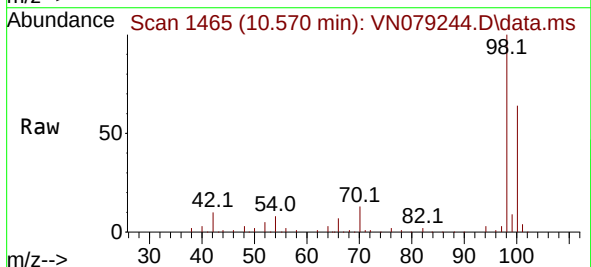
Manual Integrations
APPROVED

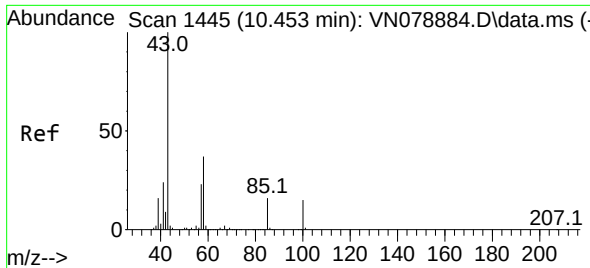
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#50
Toluene-d8
Concen: 49.899 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

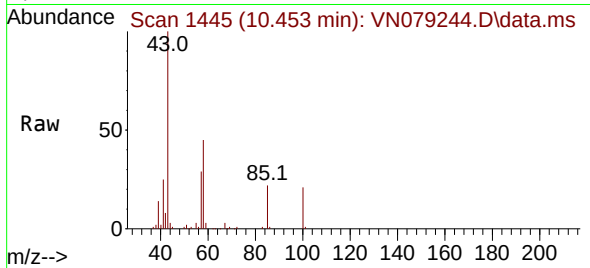
Tgt Ion: 98 Resp: 151385
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 93.386 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

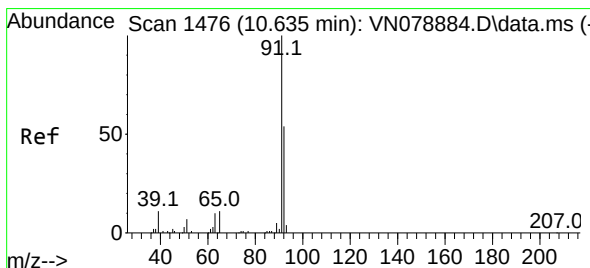
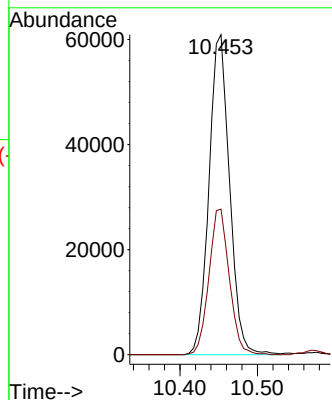
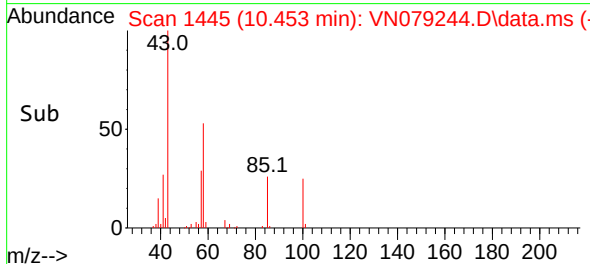
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



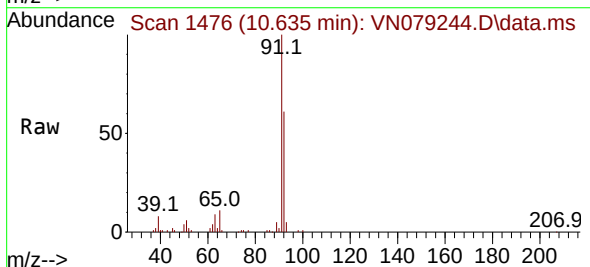
Tgt Ion: 43 Resp: 11235
Ion Ratio Lower Upper
43 100
58 45.0 36.6 54.8

Manual Integrations
APPROVED

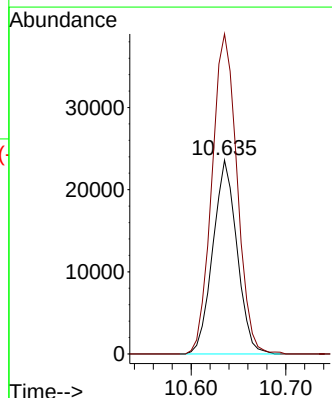
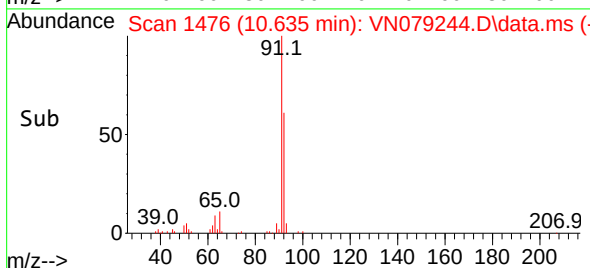
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

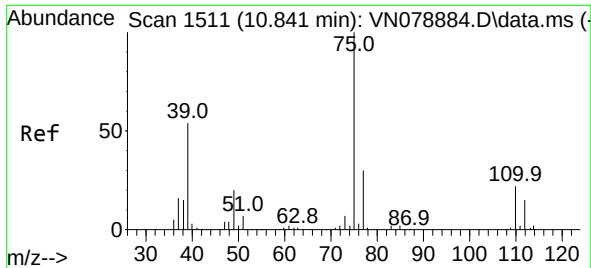


#52
Toluene
Concen: 17.434 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48



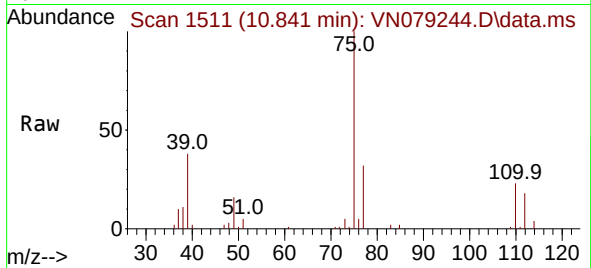
Tgt Ion: 92 Resp: 41771
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 20.374 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

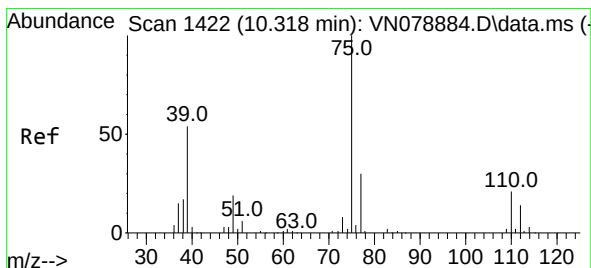
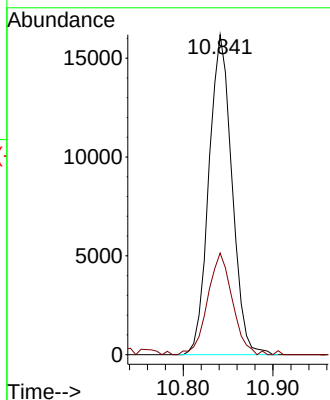
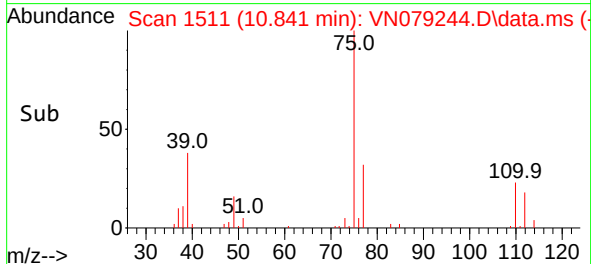
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



Tgt Ion: 75 Resp: 2890
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0

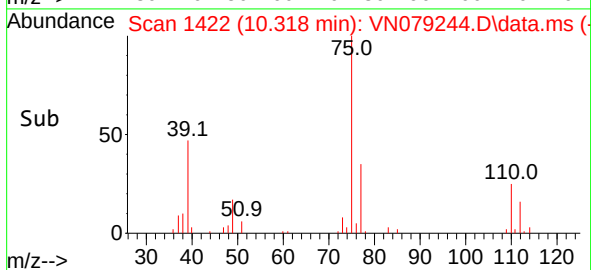
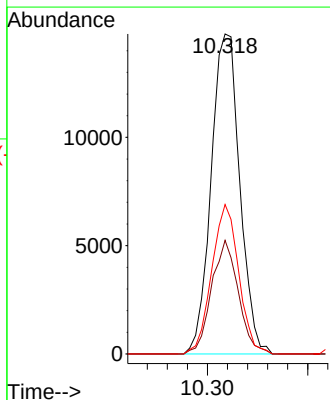
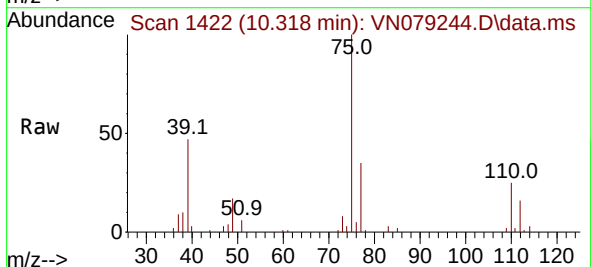
Manual Integrations
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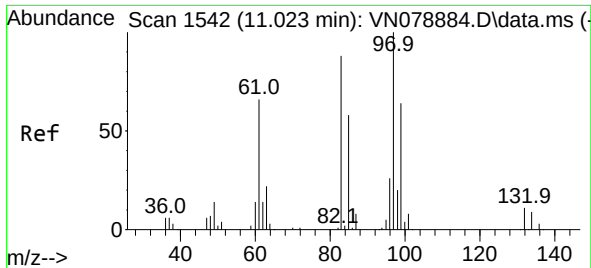
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.283 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

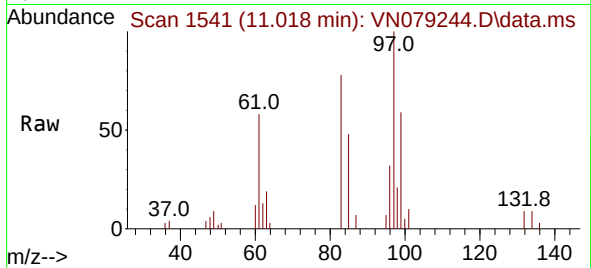
Tgt Ion: 75 Resp: 29257
 Ion Ratio Lower Upper
 75 100
 77 35.5 26.1 39.1
 39 46.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.785 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

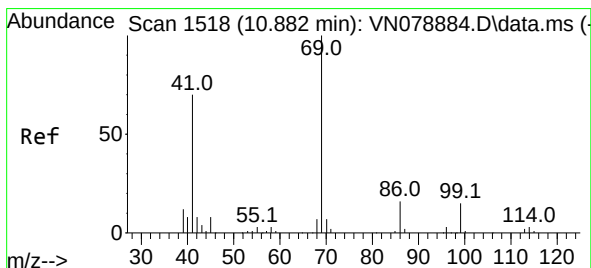
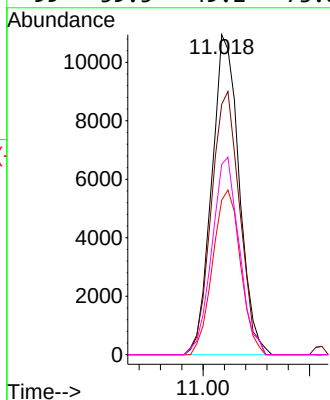
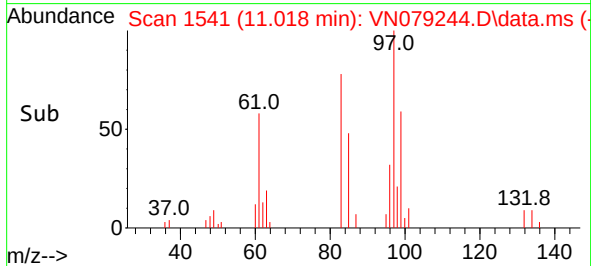
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:	97	Resp:	19540
Ion Ratio	Lower	Upper	
97	100		
83	78.2	65.1	97.7
85	48.3	43.4	65.2
99	59.5	49.2	73.8

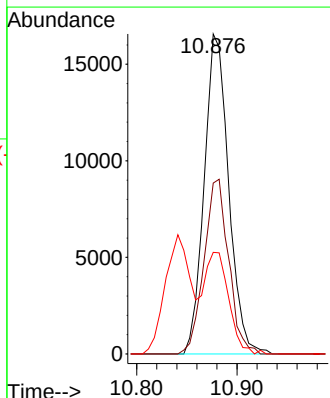
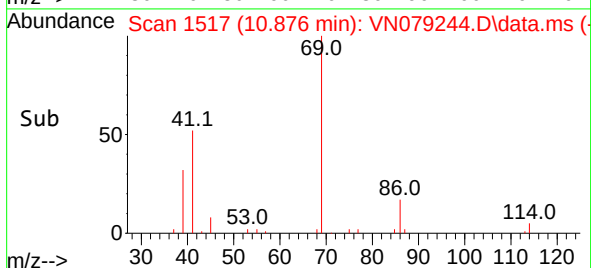
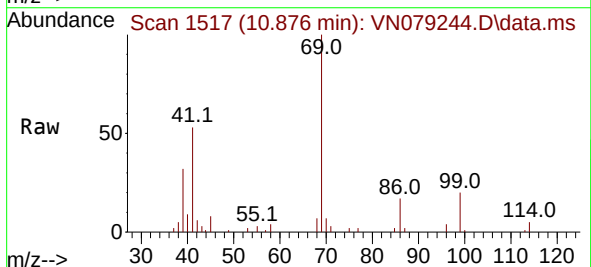
Manual Integrations
APPROVED

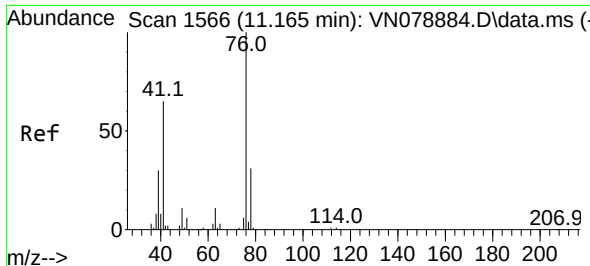
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#56
Ethyl methacrylate
Concen: 21.180 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Tgt Ion:	69	Resp:	28108
Ion Ratio	Lower	Upper	
69	100		
41	55.0	39.6	59.4
39	32.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.031 ug/l

RT: 11.170 min Scan# 1566

Delta R.T. 0.005 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 76 Resp: 3255

Ion Ratio Lower Upper

76 100

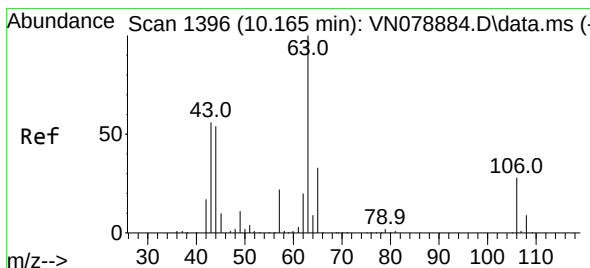
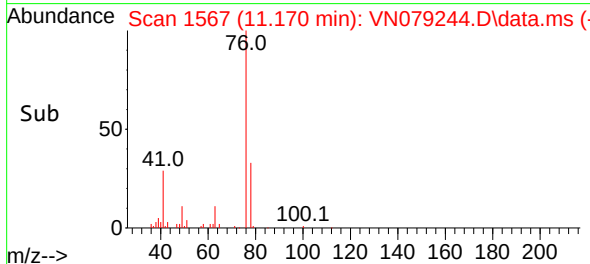
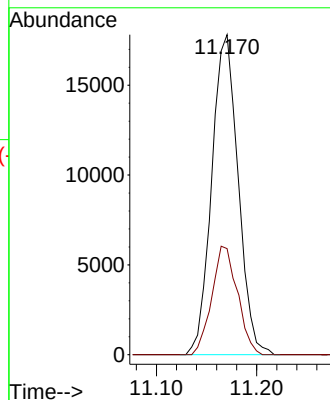
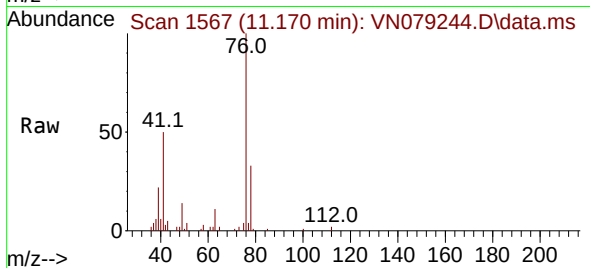
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.688 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079244.D

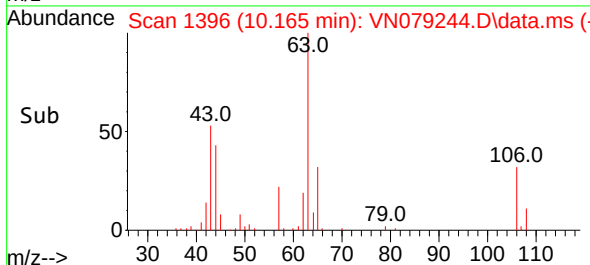
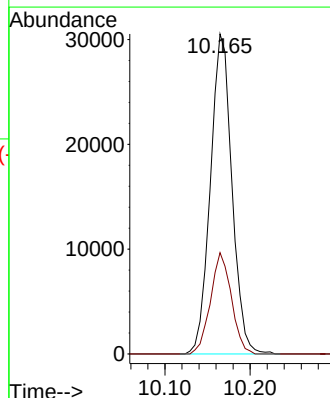
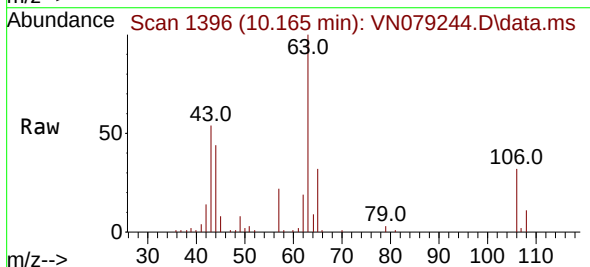
Acq: 12 Sep 2023 18:48

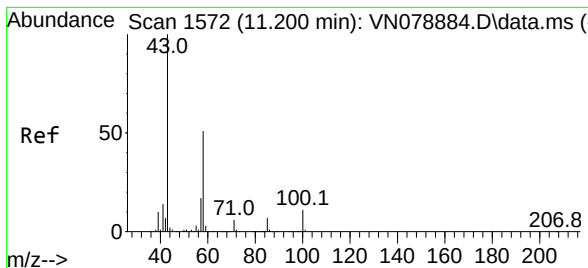
Tgt Ion: 63 Resp: 53553

Ion Ratio Lower Upper

63 100

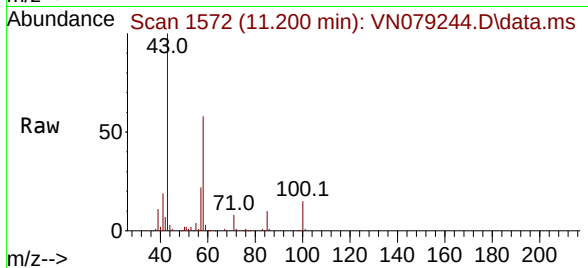
106 30.6 26.2 39.4





#59
2-Hexanone
Concen: 93.466 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

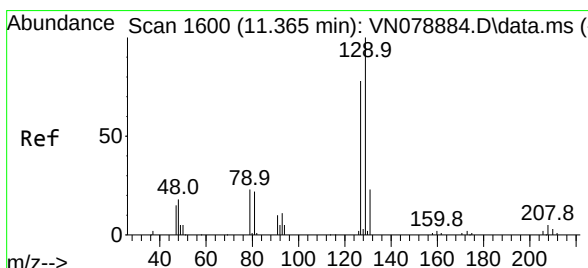
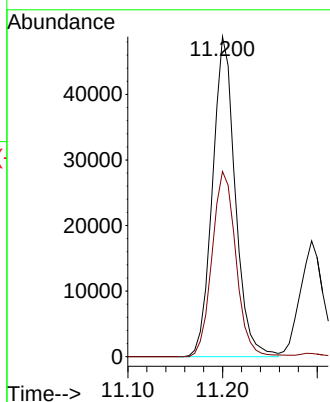
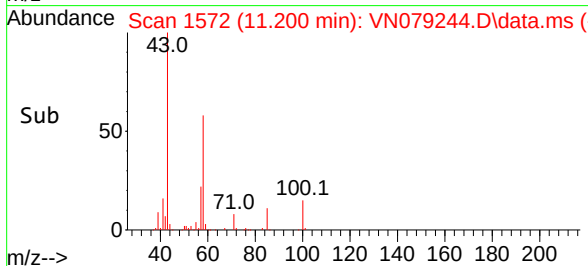
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 43 Resp: 81450
Ion Ratio Lower Upper
43 100
58 60.8 31.7 95.1

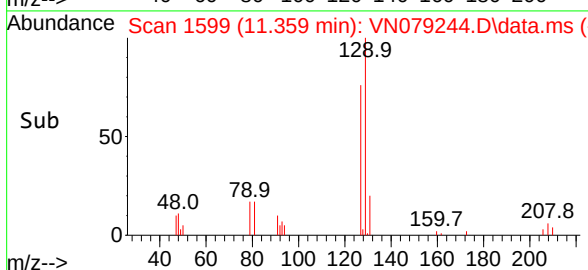
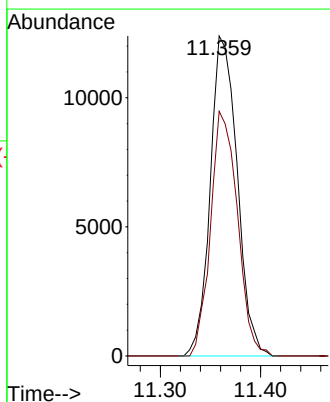
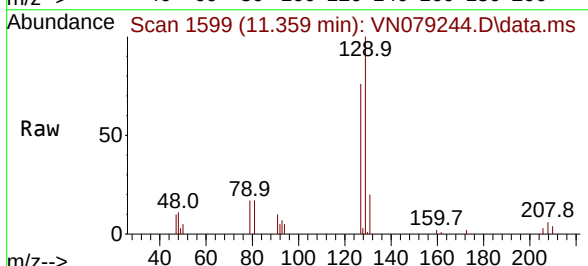
Manual Integrations
APPROVED

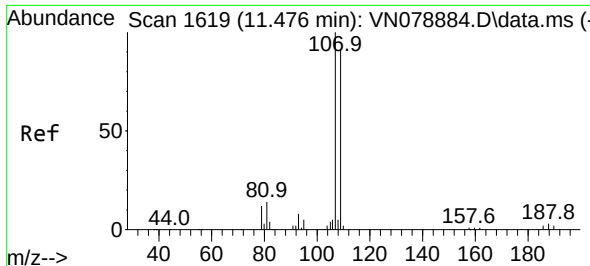
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#60
Dibromochloromethane
Concen: 23.110 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

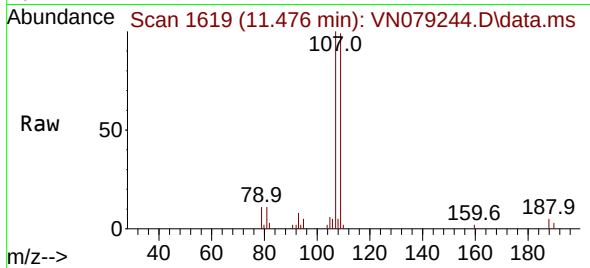
Tgt Ion:129 Resp: 23122
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.772 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

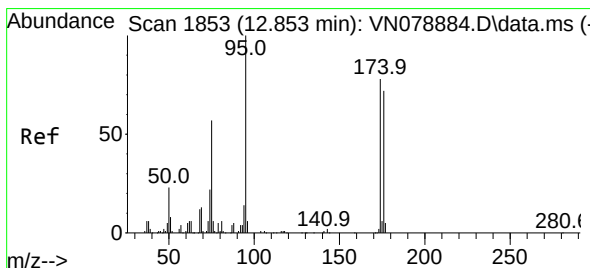
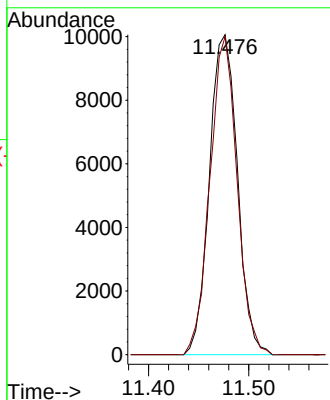
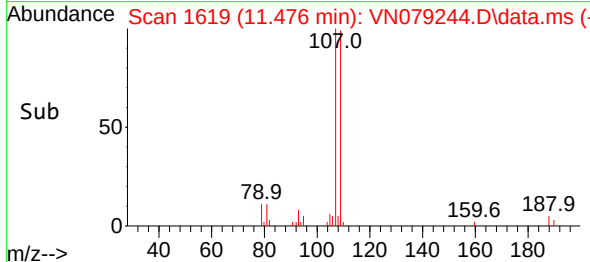
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



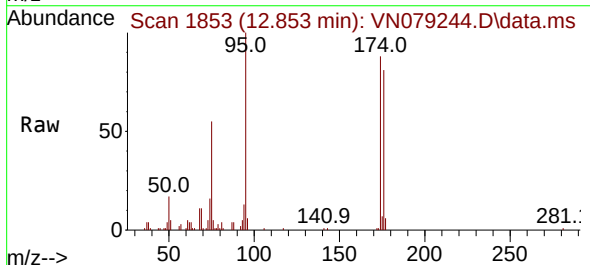
Tgt Ion:107 Resp: 1948
Ion Ratio Lower Upper
107 100
109 96.2 76.6 114.8

Manual Integrations
APPROVED

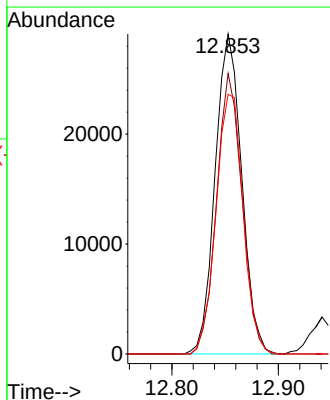
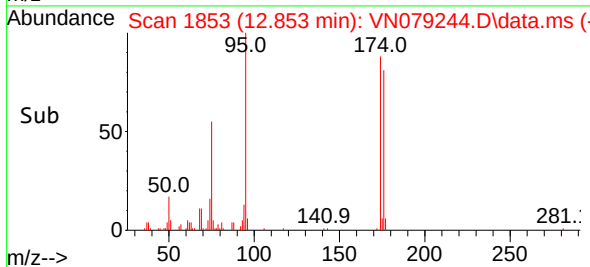
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

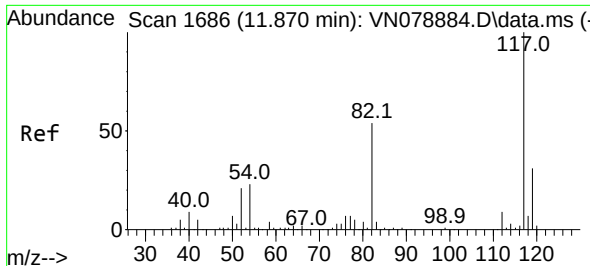


#62
4-Bromofluorobenzene
Concen: 51.924 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48



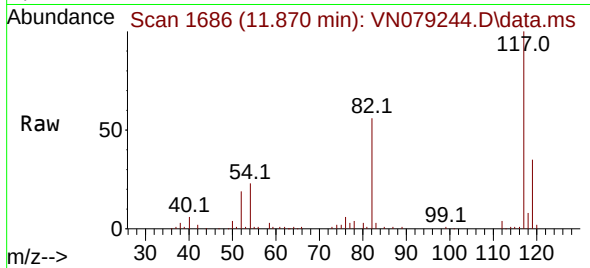
Tgt Ion: 95 Resp: 50248
Ion Ratio Lower Upper
95 100
174 84.7 0.0 143.8
176 83.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

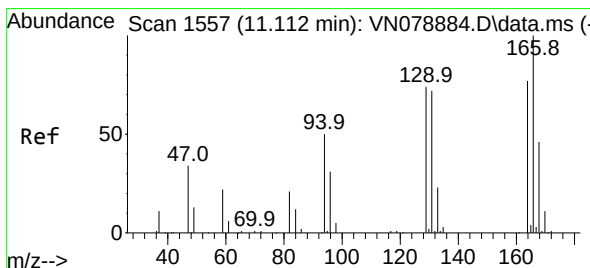
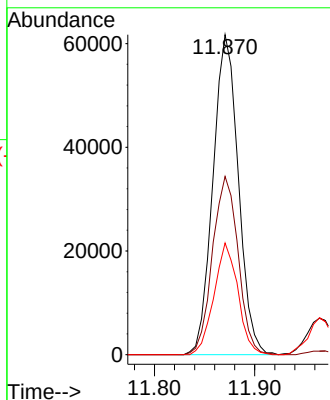
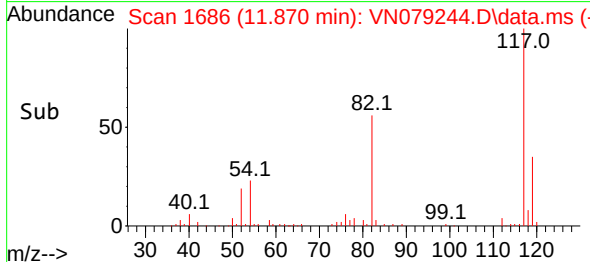
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:117 Resp: 108454
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 34.9 25.6 38.4

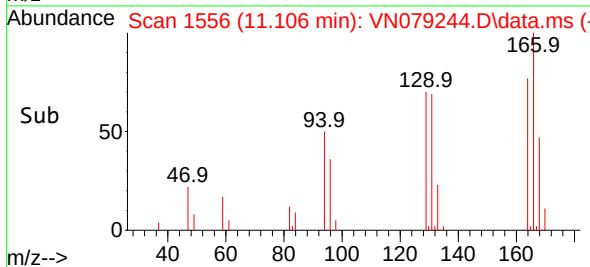
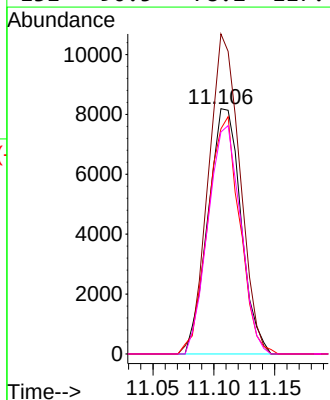
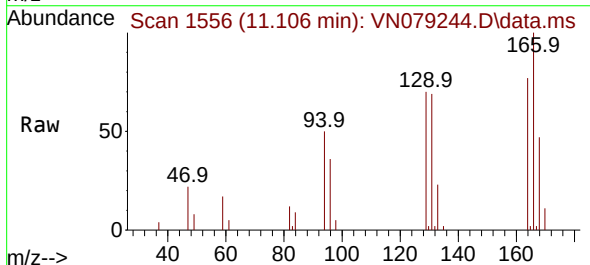
Manual Integrations
APPROVED

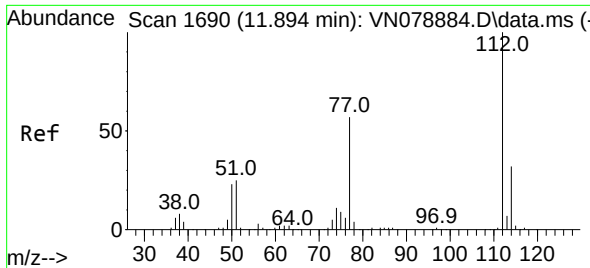
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#64
Tetrachloroethene
Concen: 19.477 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

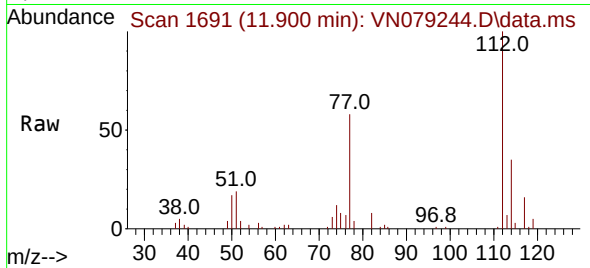
Tgt Ion:164 Resp: 15403
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.0
129 91.8 82.4 123.6
131 90.5 78.2 117.4





#65
Chlorobenzene
Concen: 18.301 ug/l
RT: 11.900 min Scan# 1189
Delta R.T. 0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

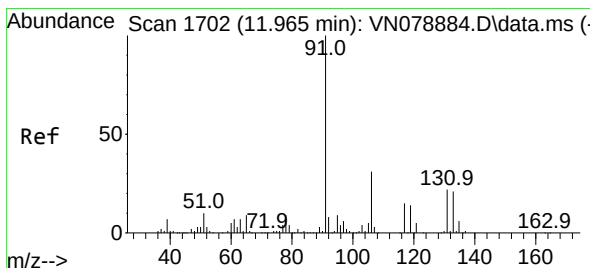
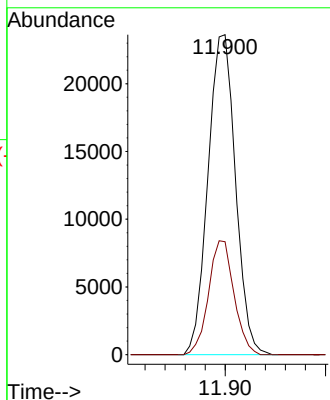
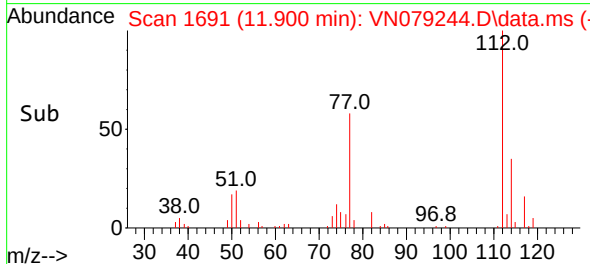
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:112 Resp: 44964
Ion Ratio Lower Upper
112 100
114 35.3 25.0 37.4

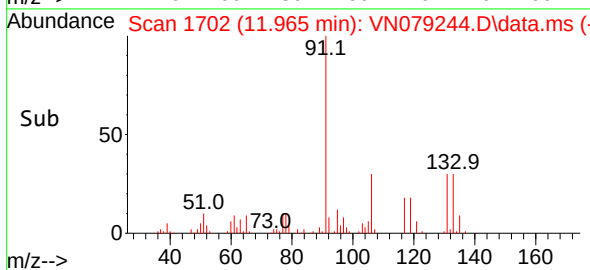
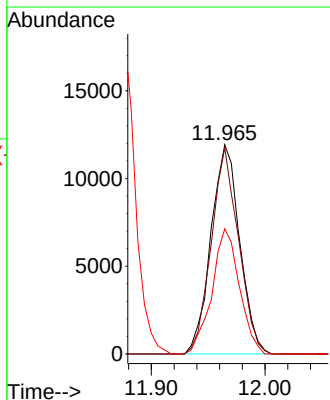
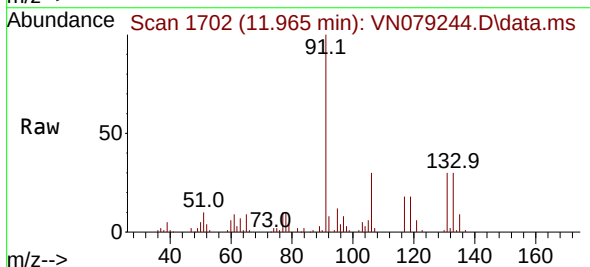
Manual Integrations
APPROVED

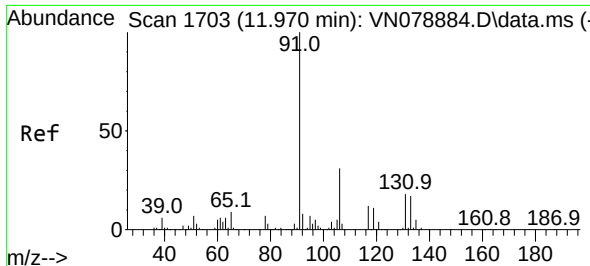
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.713 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

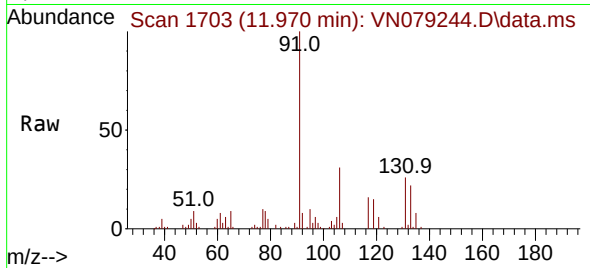
Tgt Ion:131 Resp: 20926
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 57.3 34.1 102.2





#67
Ethyl Benzene
Concen: 17.172 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

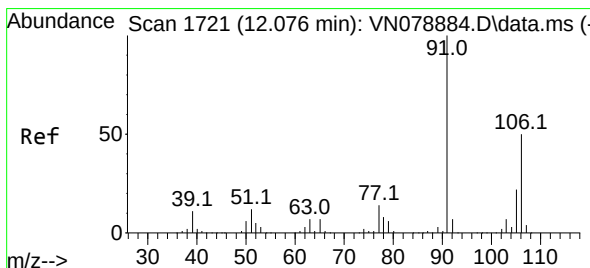
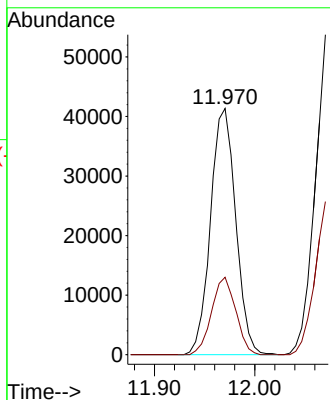
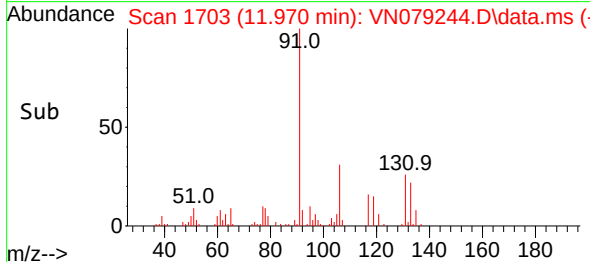
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



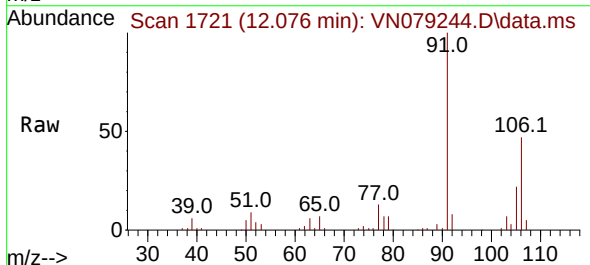
Tgt Ion: 91 Resp: 7216
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

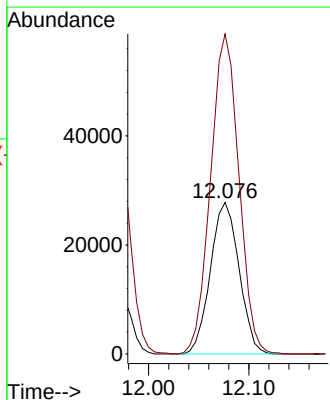
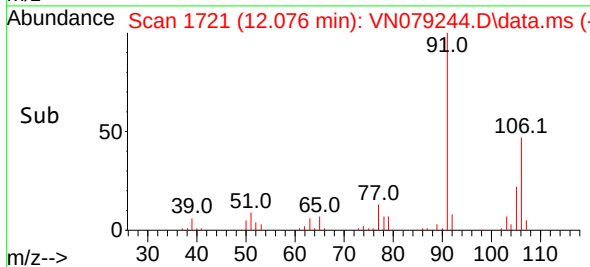
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

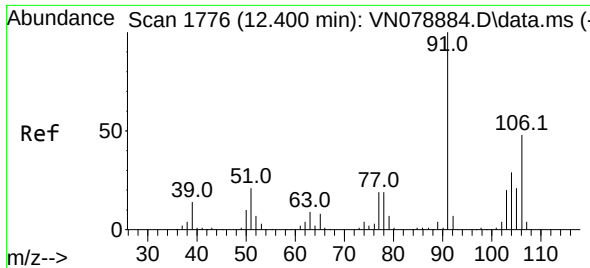


#68
m/p-Xylenes
Concen: 35.237 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48



Tgt Ion:106 Resp: 55196
Ion Ratio Lower Upper
106 100
91 208.5 159.6 239.4





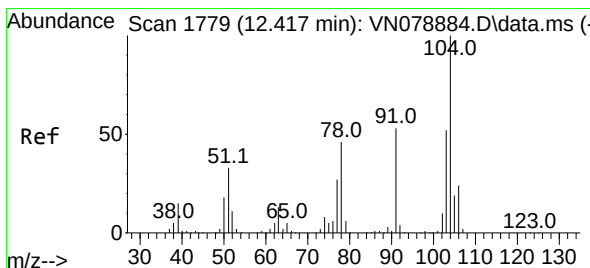
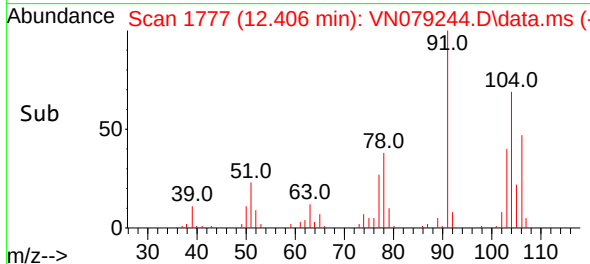
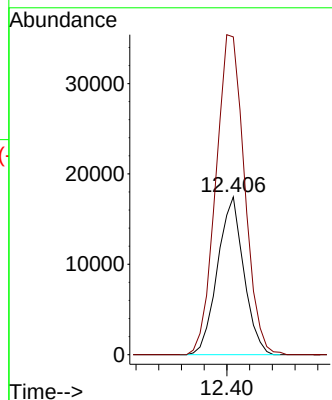
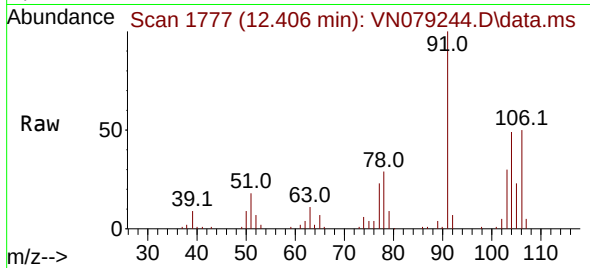
#69
o-Xylene
Concen: 18.647 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:106 Resp: 2801
Ion Ratio Lower Upper
106 100
91 221.5 105.2 315.5

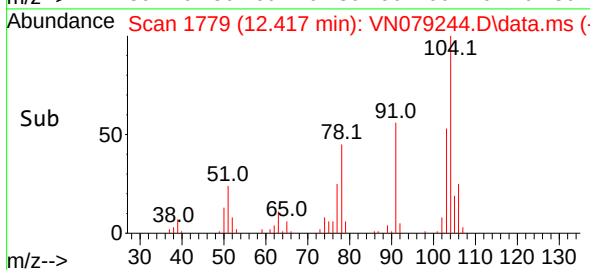
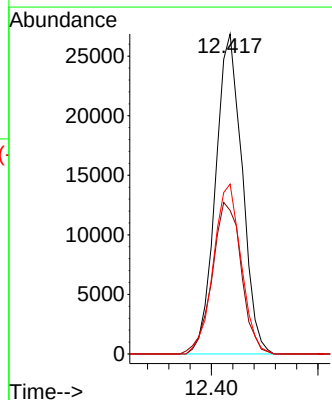
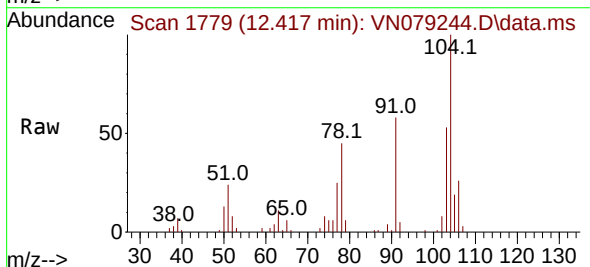
Manual Integrations
APPROVED

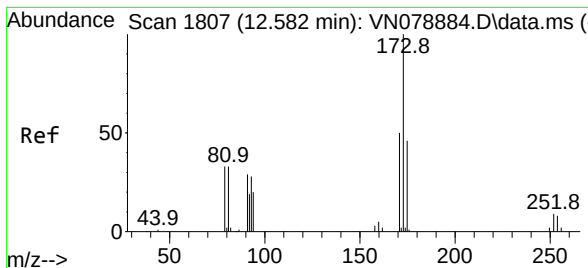
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#70
Styrene
Concen: 19.260 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Tgt Ion:104 Resp: 46535
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 55.1 43.2 64.8





#71

Bromoform

Concen: 25.358 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

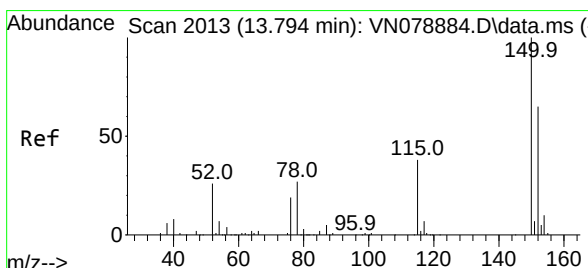
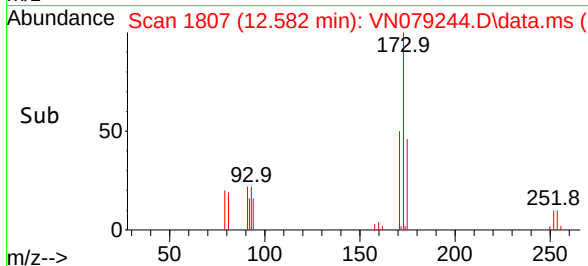
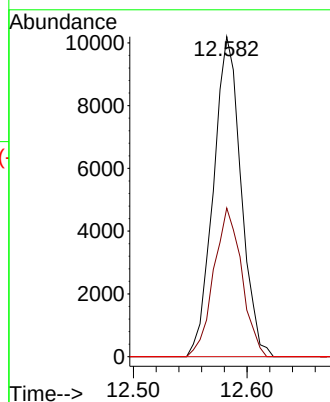
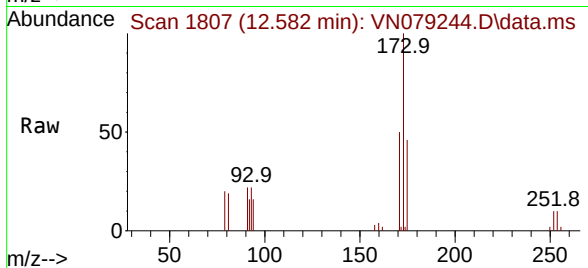
Tgt Ion:	173	Resp:	1724
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

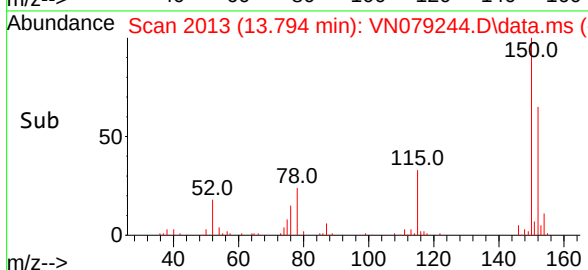
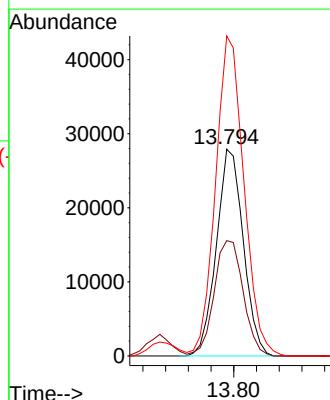
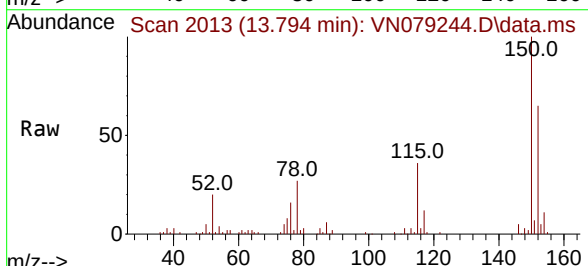
RT: 13.794 min Scan# 2013

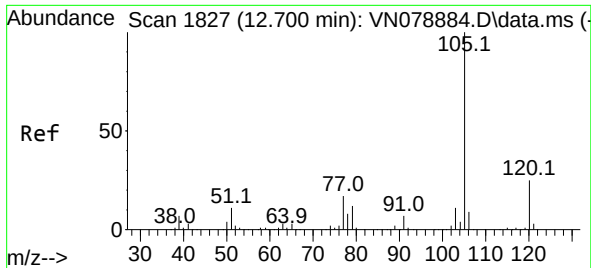
Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Tgt Ion:	152	Resp:	46000
Ion Ratio	Lower	Upper	
152	100		
115	60.0	32.3	96.8
150	162.8	0.0	355.8





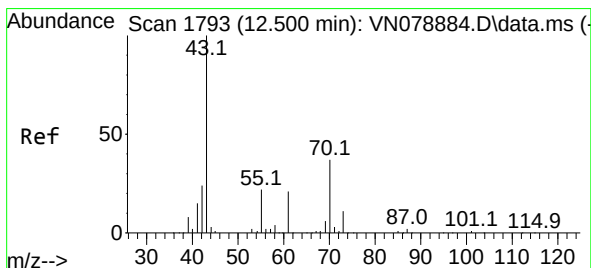
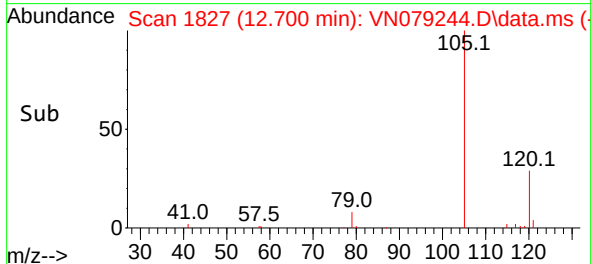
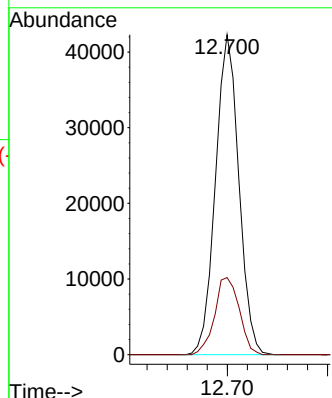
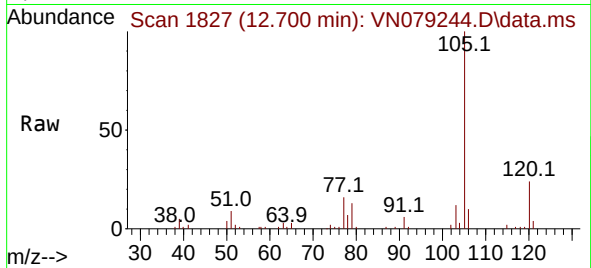
#73
Isopropylbenzene
Concen: 16.313 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:105 Resp: 6827
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

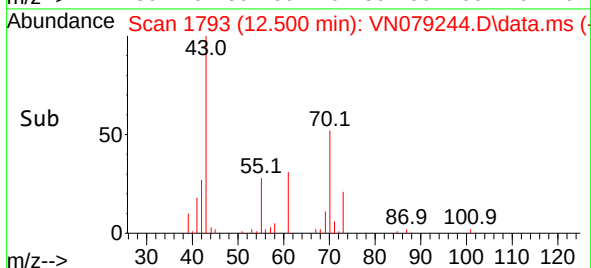
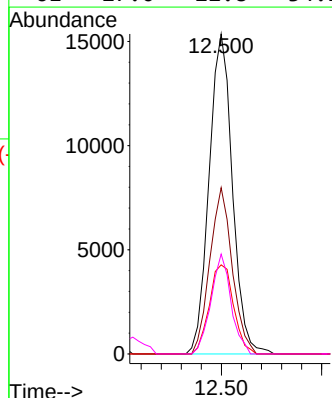
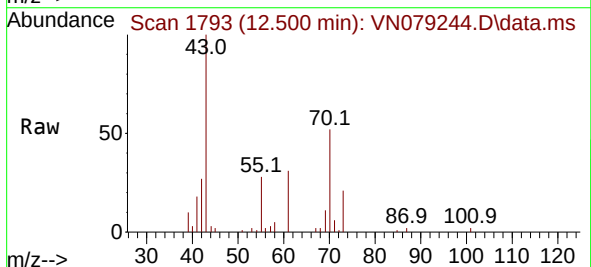
Manual Integrations
APPROVED

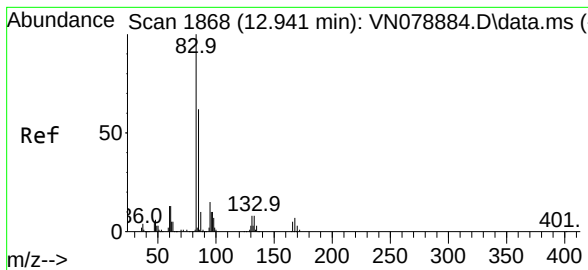
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#74
N-ethyl acetate
Concen: 15.625 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

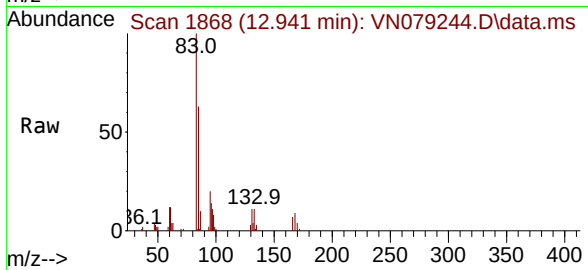
Tgt Ion: 43 Resp: 24809
Ion Ratio Lower Upper
43 100
70 50.0 43.4 65.2
55 29.0 21.4 32.0
61 27.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.889 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

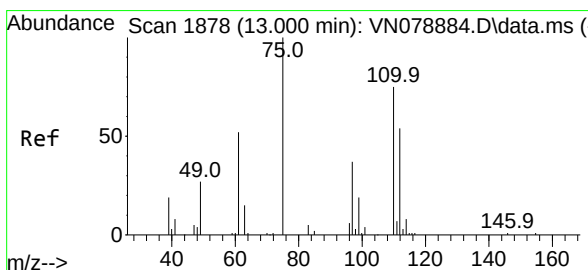
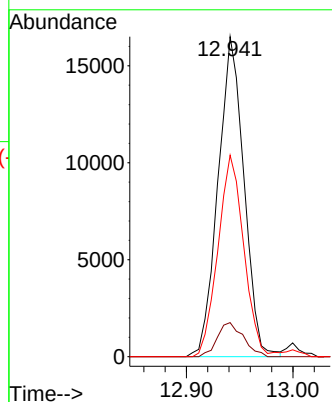
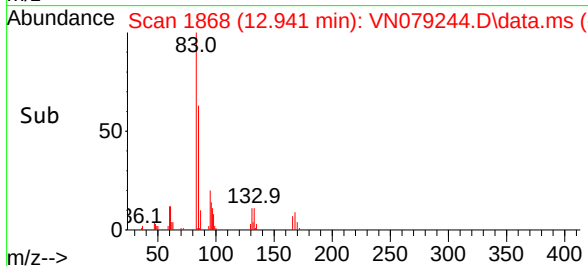
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 83 Resp: 27880
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 63.0 31.9 95.7

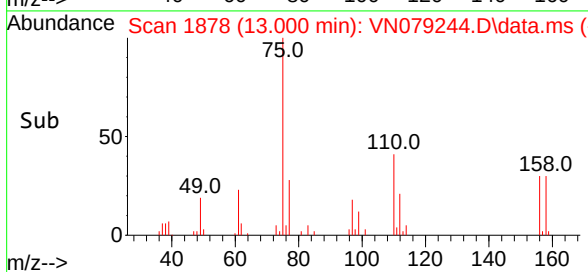
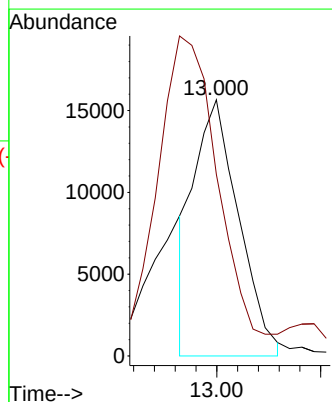
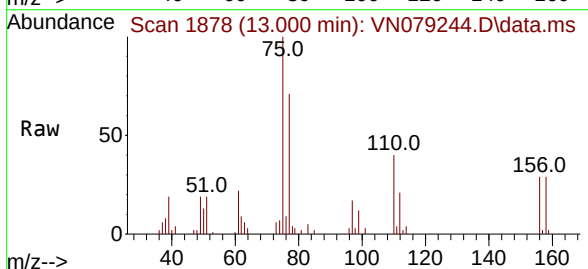
Manual Integrations
APPROVED

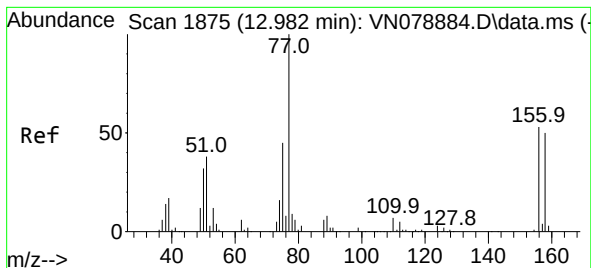
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#76
1,2,3-Trichloropropane
Concen: 18.822 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Tgt Ion: 75 Resp: 23335
Ion Ratio Lower Upper
75 100
77 172.6 84.5 253.5





#77

Bromobenzene

Concen: 18.056 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

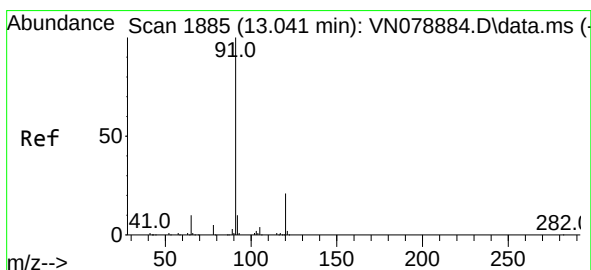
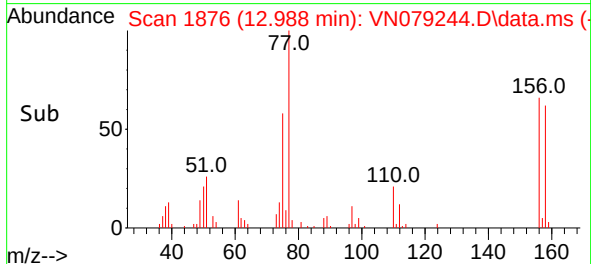
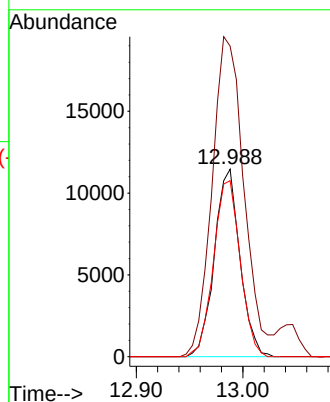
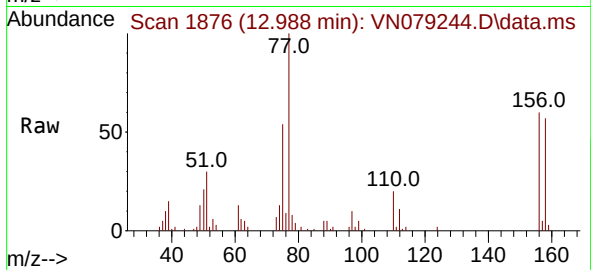
Tgt Ion:	156	Resp:	19134
Ion Ratio	Lower	Upper	
156	100		
77	210.5	107.7	323.3
158	97.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#78

n-propylbenzene

Concen: 15.375 ug/l

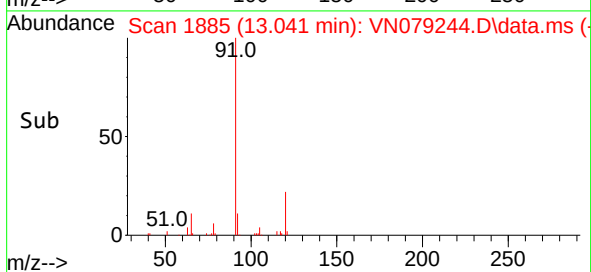
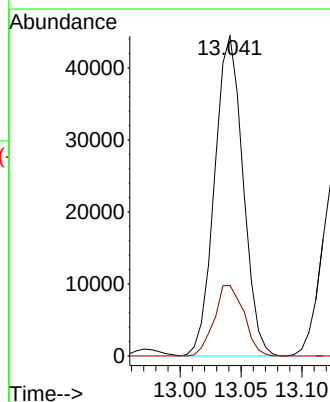
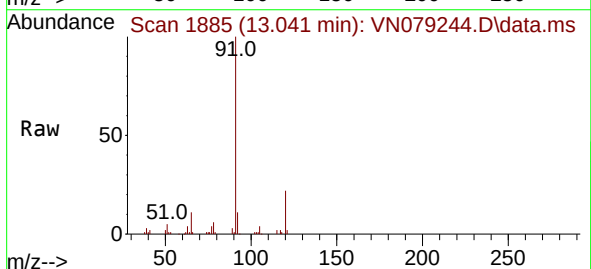
RT: 13.041 min Scan# 1885

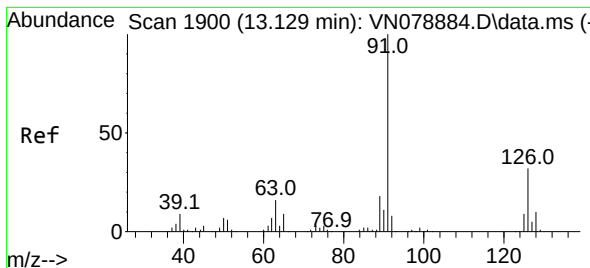
Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Tgt Ion:	91	Resp:	72284
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





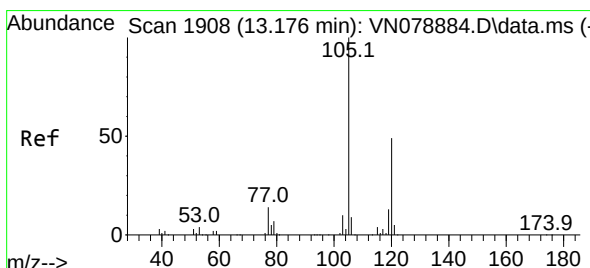
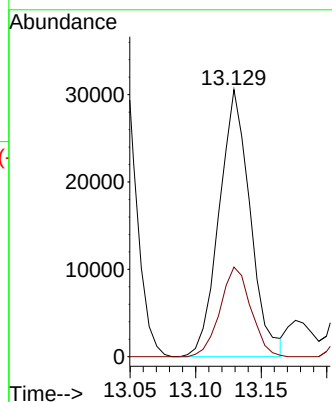
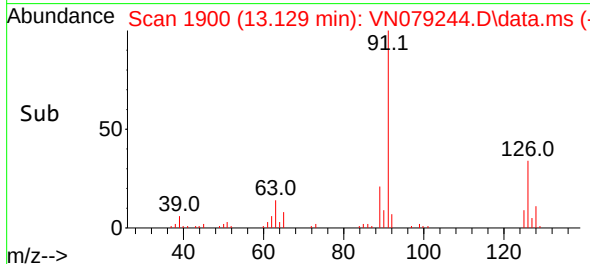
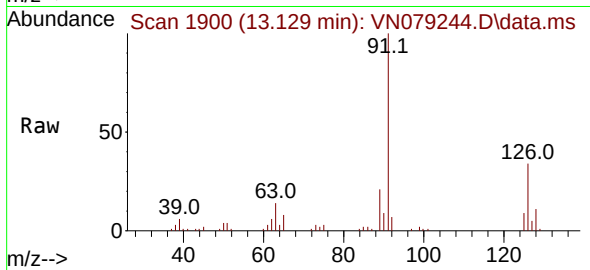
#79
2-Chlorotoluene
Concen: 16.376 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 91 Resp: 5035
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

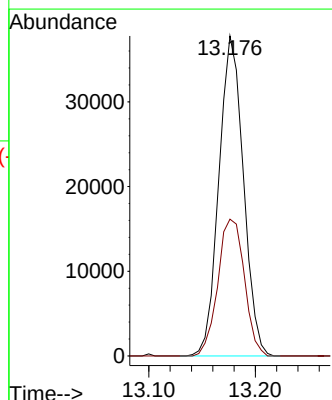
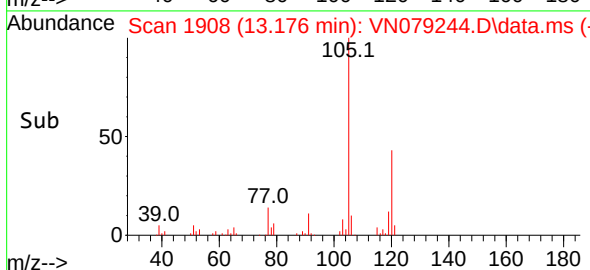
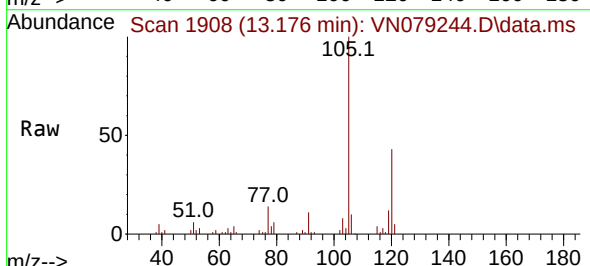
Manual Integrations
APPROVED

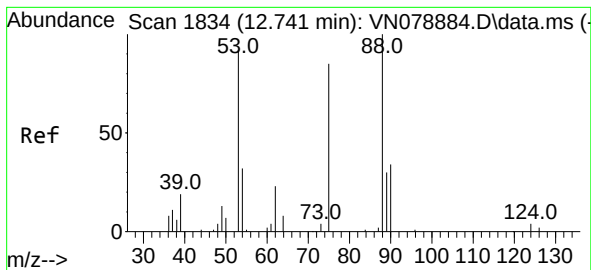
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.293 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

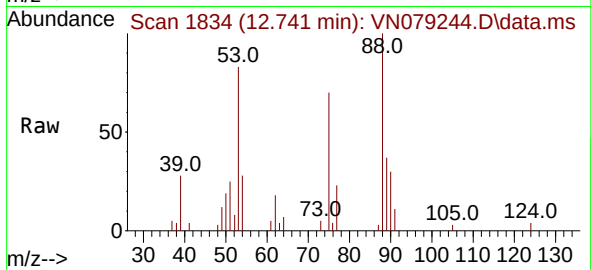
Tgt Ion:105 Resp: 60305
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.873 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

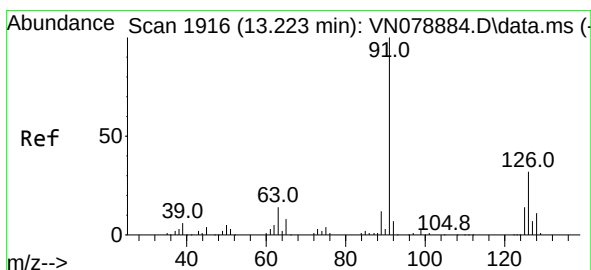
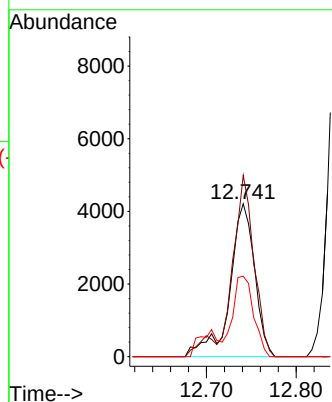
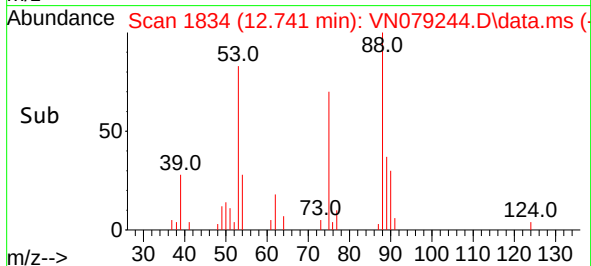
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 75 Resp: 8060
Ion Ratio Lower Upper
75 100
53 97.8 67.4 101.2
89 44.3 38.8 58.2

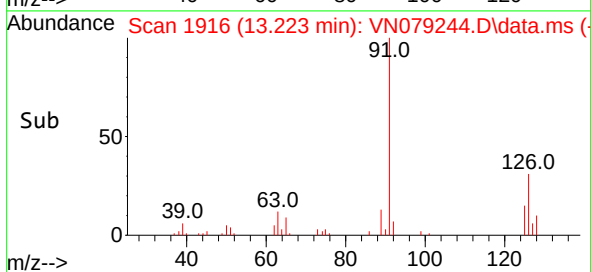
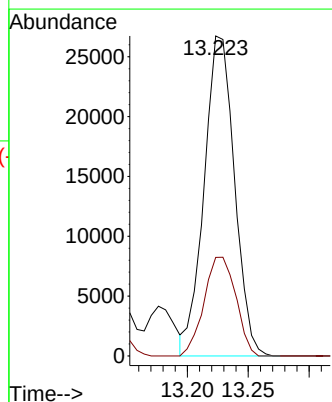
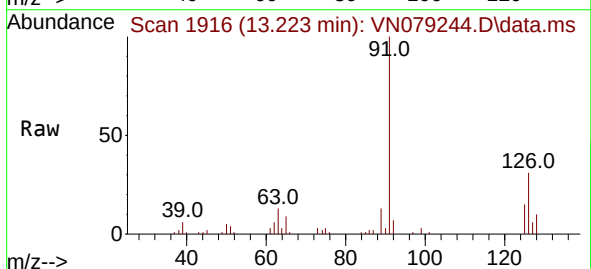
Manual Integrations
APPROVED

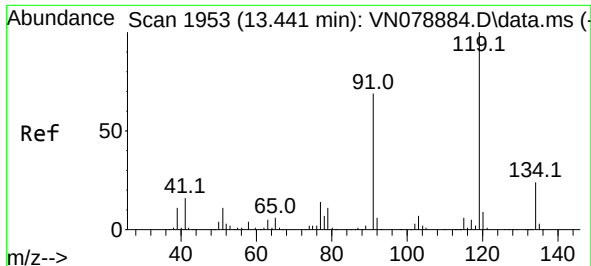
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#82
4-Chlorotoluene
Concen: 16.097 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

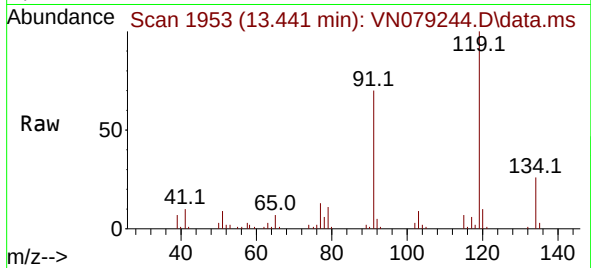
Tgt Ion: 91 Resp: 46510
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.331 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

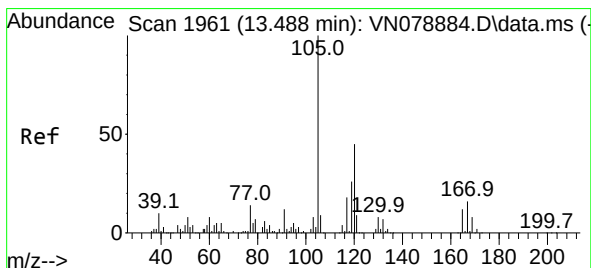
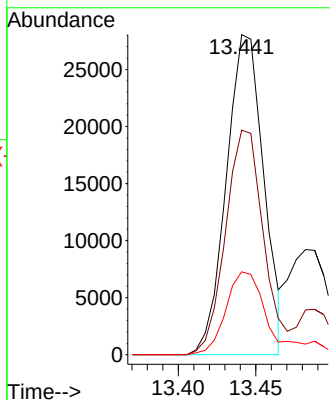
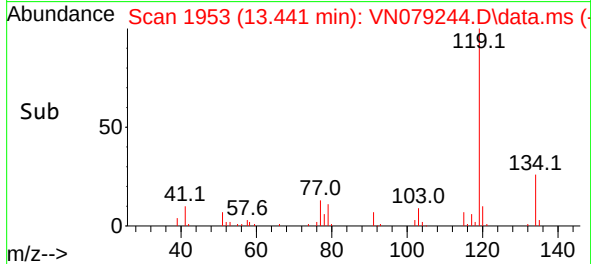
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



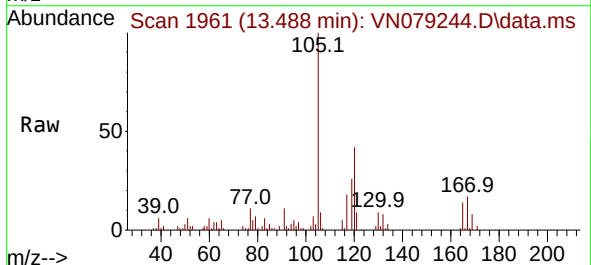
Tgt Ion:119 Resp: 47112
Ion Ratio Lower Upper
119 100
91 71.1 33.9 101.7
134 29.6 13.2 39.6

Manual Integrations
APPROVED

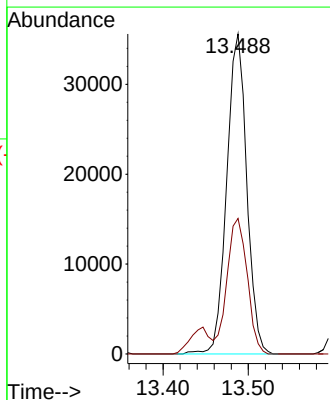
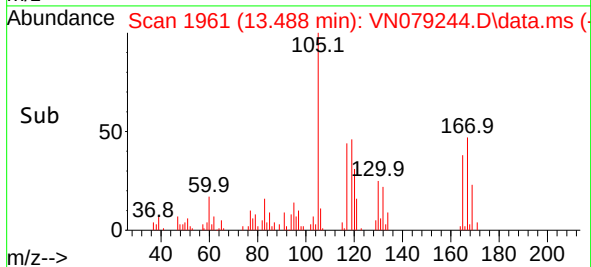
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

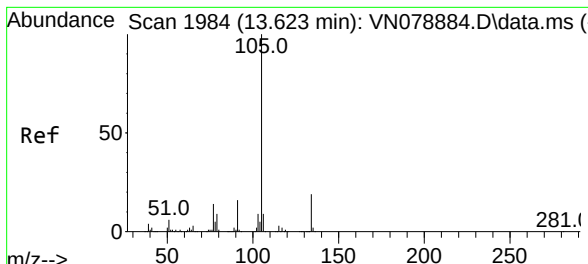


#84
1,2,4-Trimethylbenzene
Concen: 17.494 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48



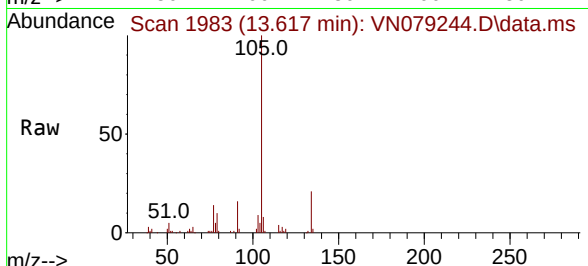
Tgt Ion:105 Resp: 58100
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 15.335 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

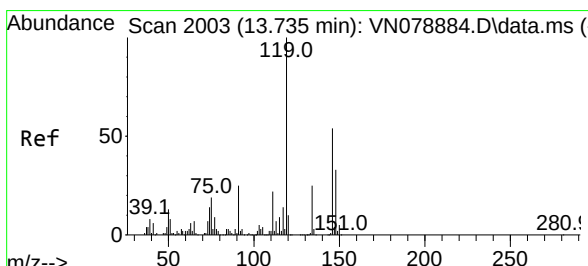
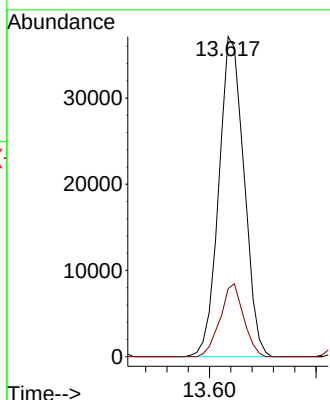
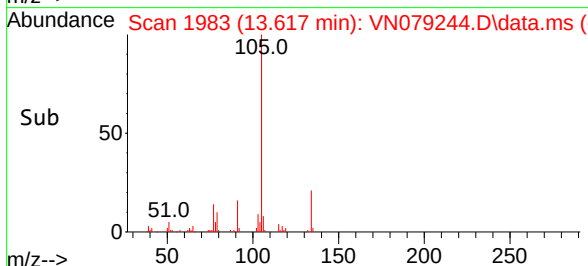
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



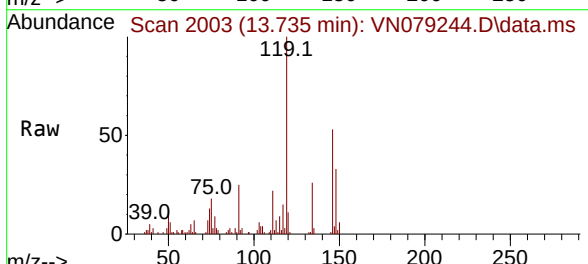
Tgt Ion:105 Resp: 6090
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.8 29.3

Manual Integrations
 APPROVED

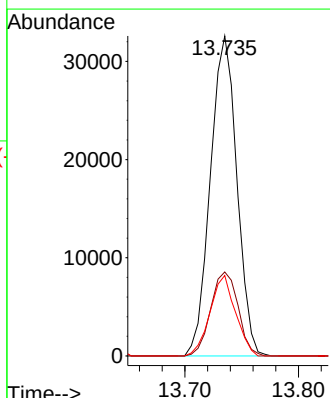
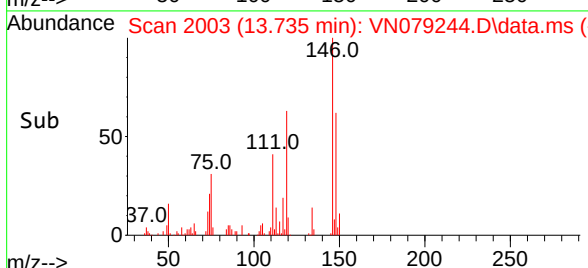
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

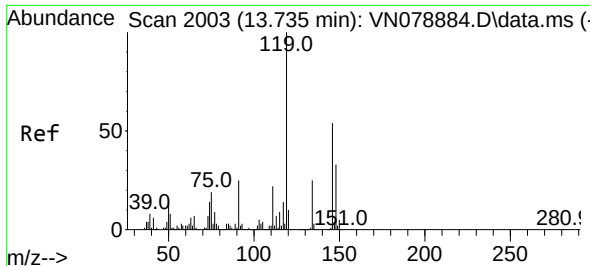


#86
 p-Isopropyltoluene
 Concen: 16.668 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48



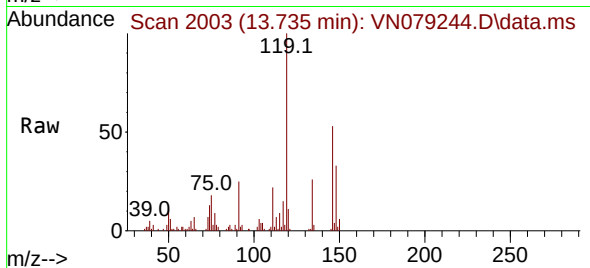
Tgt Ion:119 Resp: 52889
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.6 37.8
 91 24.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 16.871 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

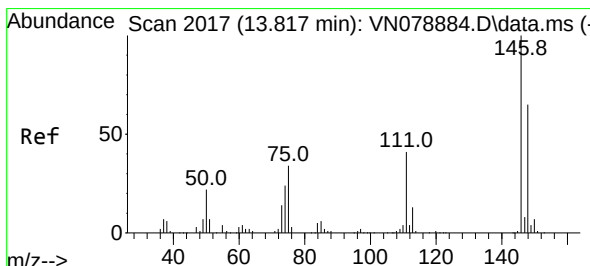
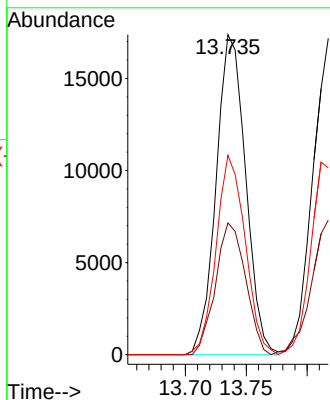
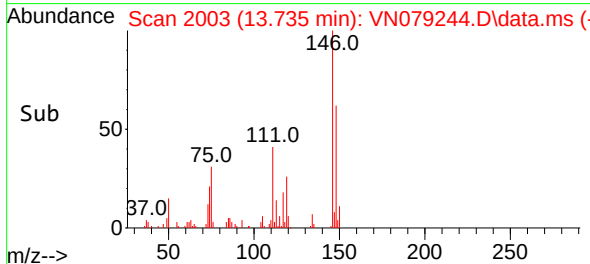
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



Tgt Ion:146 Resp: 29329
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.1 66.3
 148 61.3 32.0 96.0

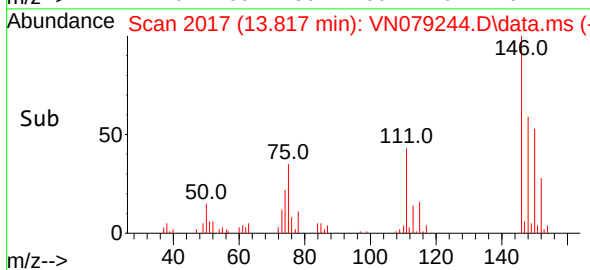
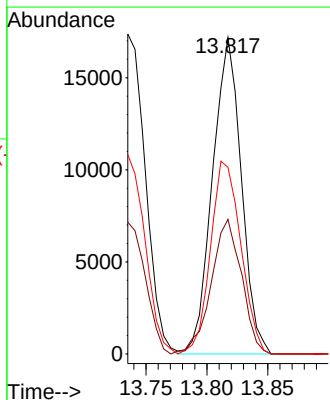
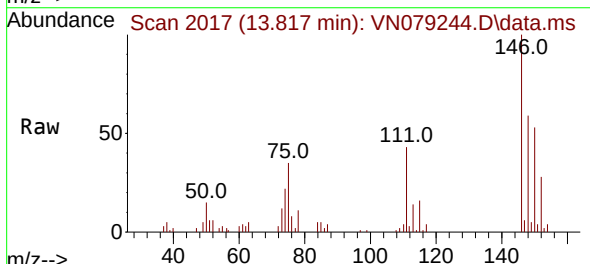
Manual Integrations
 APPROVED

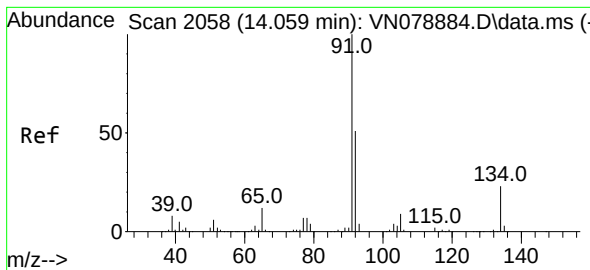
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#88
 1,4-Dichlorobenzene
 Concen: 16.129 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

Tgt Ion:146 Resp: 28329
 Ion Ratio Lower Upper
 146 100
 111 44.9 20.6 61.8
 148 64.2 31.6 94.8





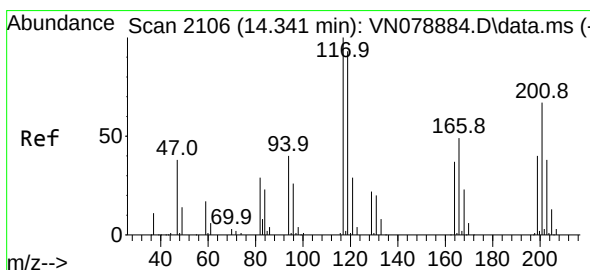
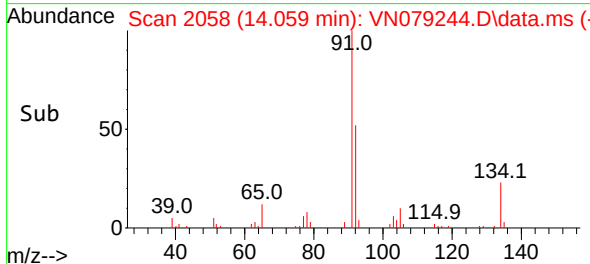
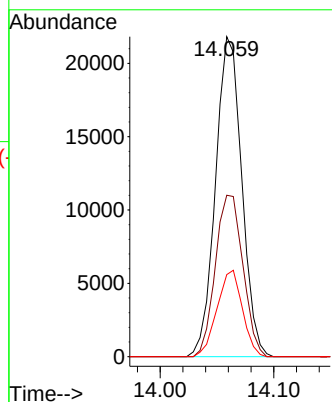
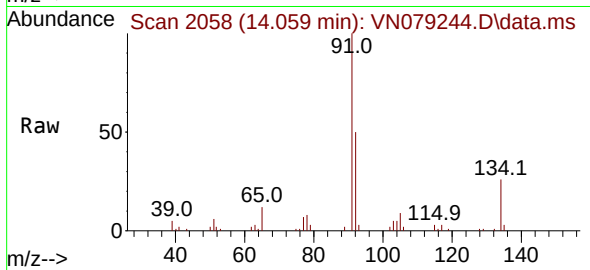
#89
n-Butylbenzene
Concen: 14.040 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 91 Resp: 3503
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 26.1 12.6 37.6

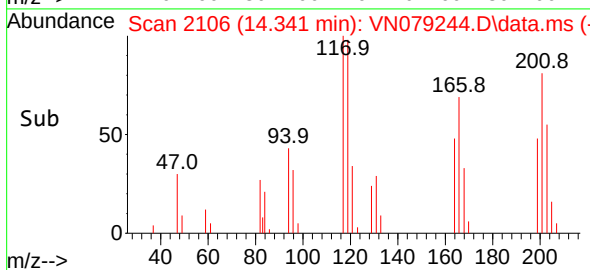
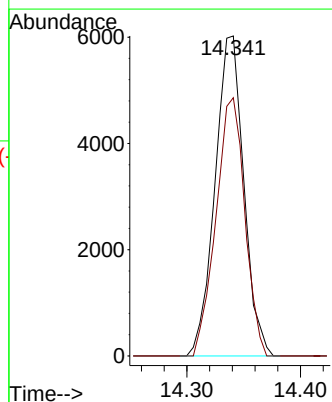
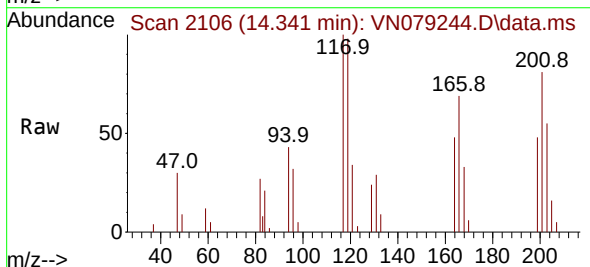
Manual Integrations
APPROVED

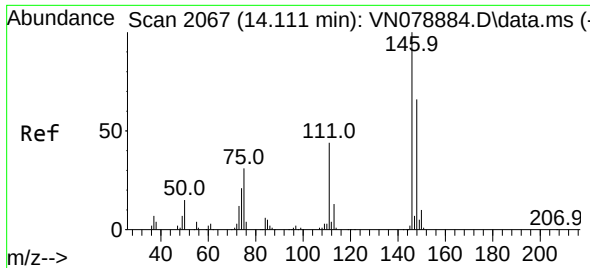
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#90
Hexachloroethane
Concen: 16.447 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

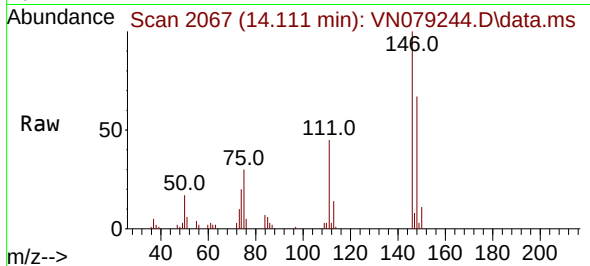
Tgt Ion:117 Resp: 10598
Ion Ratio Lower Upper
117 100
201 80.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 17.605 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

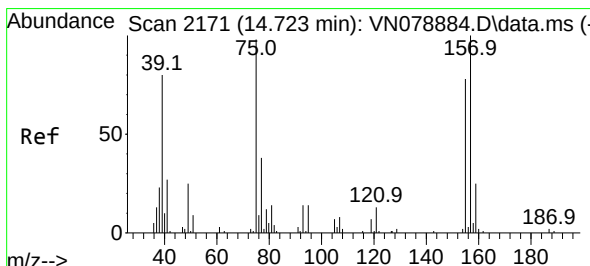
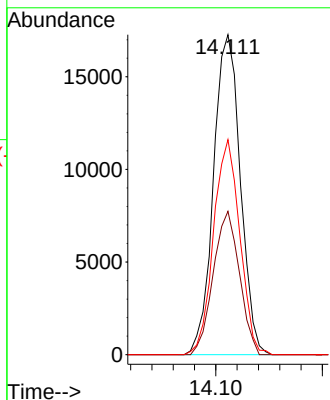
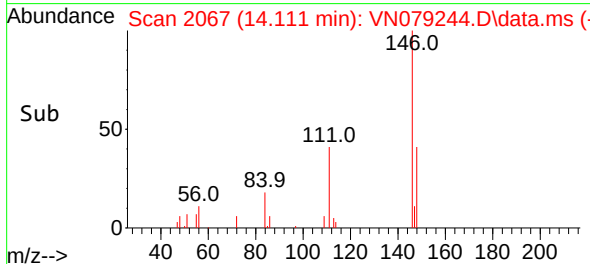
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:146 Resp: 30208
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 65.7 31.8 95.3

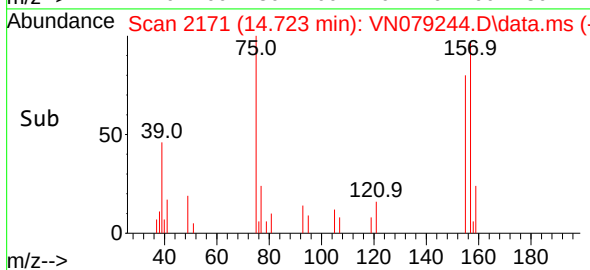
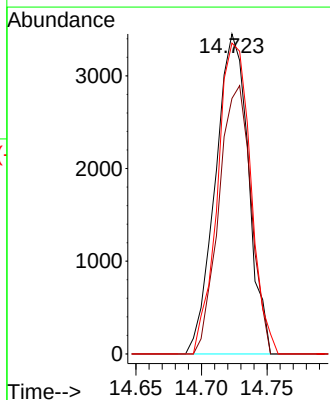
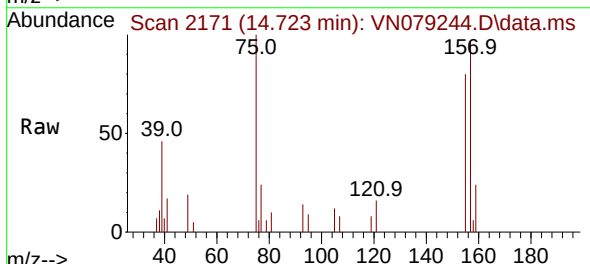
Manual Integrations
APPROVED

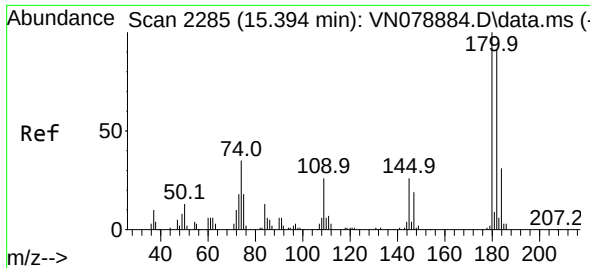
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.486 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079244.D
Acq: 12 Sep 2023 18:48

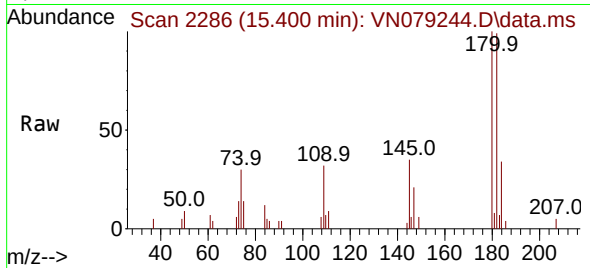
Tgt Ion: 75 Resp: 6038
Ion Ratio Lower Upper
75 100
155 81.6 39.1 117.2
157 97.4 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 16.036 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

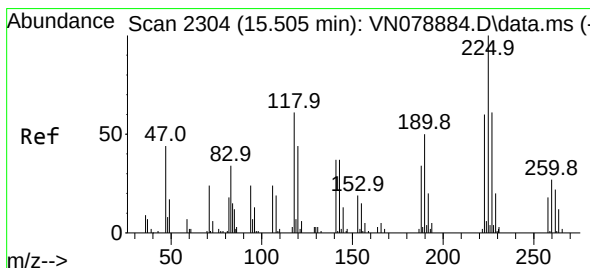
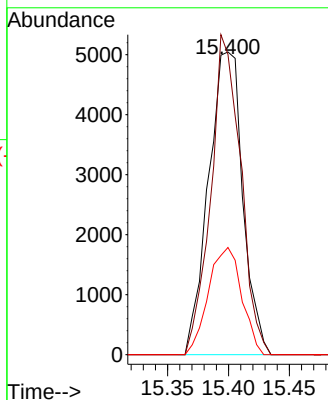
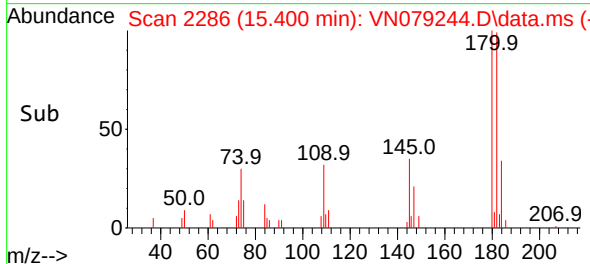
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



Tgt Ion:180 Resp: 988
 Ion Ratio Lower Upper
 180 100
 182 92.1 46.1 138.2
 145 34.4 16.6 49.8

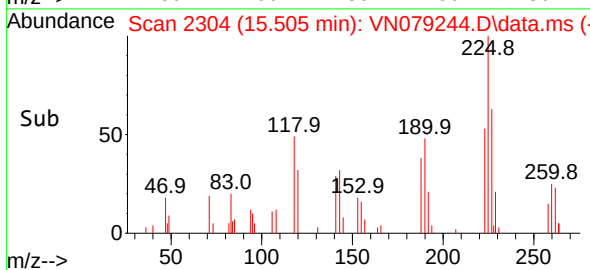
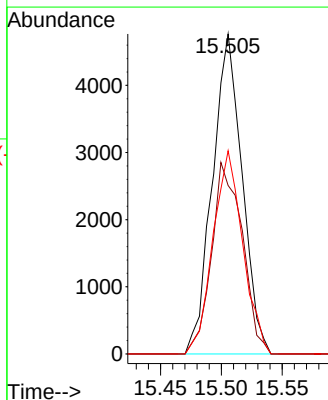
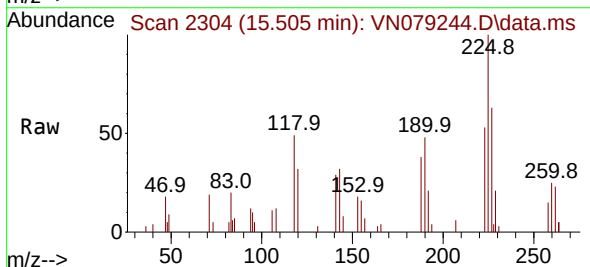
Manual Integrations
 APPROVED

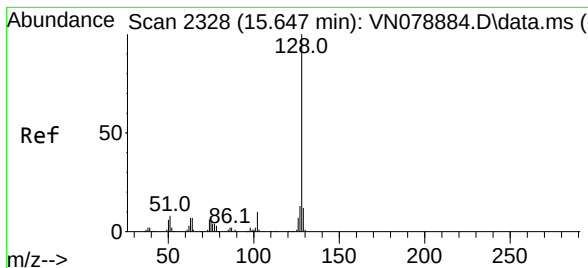
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#94
 Hexachlorobutadiene
 Concen: 16.672 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.001 min
 Lab File: VN079244.D
 Acq: 12 Sep 2023 18:48

Tgt Ion:225 Resp: 8087
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 63.8 31.9 95.9





#95

Naphthalene

Concen: 15.087 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion:128 Resp: 27630

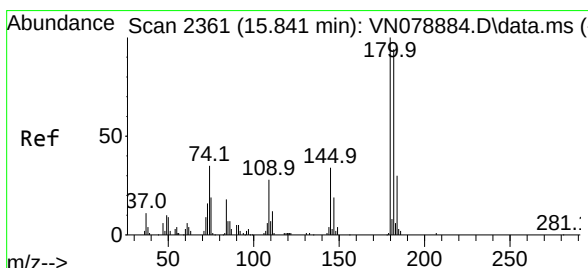
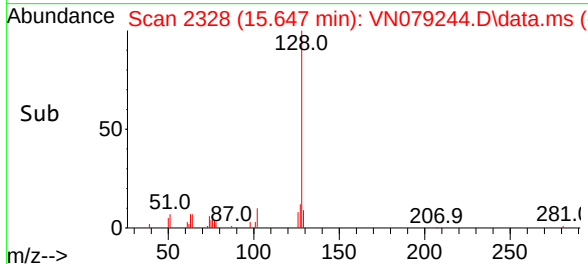
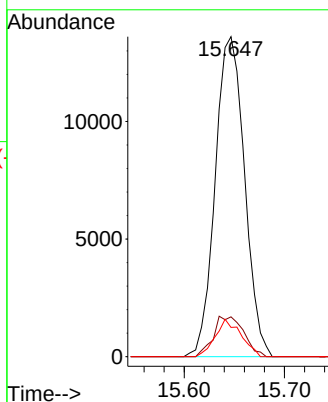
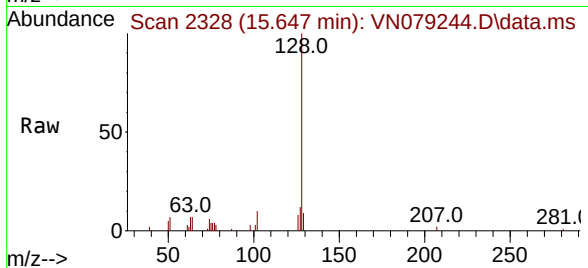
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.582 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079244.D

Acq: 12 Sep 2023 18:48

Tgt Ion:180 Resp: 12061

Ion	Ratio	Lower	Upper
180	100		
182	91.9	46.2	138.6
145	34.4	17.5	52.6

