

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076221.D
 Acq On : 12 Jan 2023 11:15
 Operator : JC\MD
 Sample : VN0112WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

Quant Time: Jan 13 01:55:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	375713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	586601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186603	45.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.300%		
35) Dibromofluoromethane	8.171	113	173707	47.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	10.571	98	619334	45.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.200%		
62) 4-Bromofluorobenzene	12.853	95	212916	47.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	58103	21.780	ug/l	93
3) Chloromethane	2.377	50	57303	17.274	ug/l	96
4) Vinyl Chloride	2.530	62	69532	17.572	ug/l	100
5) Bromomethane	2.959	94	59046	17.558	ug/l	94
6) Chloroethane	3.124	64	52048	17.762	ug/l	94
7) Trichlorofluoromethane	3.506	101	102663	17.098	ug/l	95
8) Diethyl Ether	3.977	74	36545	16.664	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	60939	17.774	ug/l	99
10) Methyl Iodide	4.600	142	87614	15.746	ug/l	99
11) Tert butyl alcohol	5.536	59	44264	76.533	ug/l	100
12) 1,1-Dichloroethene	4.359	96	54765	16.446	ug/l	98
13) Acrolein	4.189	56	64459	90.908	ug/l	95
14) Allyl chloride	5.042	41	60995	15.669	ug/l	90
15) Acrylonitrile	5.730	53	126999	80.465	ug/l	99
16) Acetone	4.447	43	107498	76.293	ug/l	100
17) Carbon Disulfide	4.730	76	117252	14.543	ug/l	100
18) Methyl Acetate	5.042	43	73474	17.641	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	196509	17.920	ug/l	93
20) Methylene Chloride	5.289	84	64176	16.599	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	59208	16.236	ug/l	96
22) Diisopropyl ether	6.677	45	160778	17.002	ug/l	98
23) Vinyl Acetate	6.612	43	502654	78.975	ug/l	97
24) 1,1-Dichloroethane	6.583	63	104878	16.630	ug/l	100
25) 2-Butanone	7.494	43	162027	82.128	ug/l	99
26) 2,2-Dichloropropane	7.500	77	89934	16.839	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	70591	16.185	ug/l	97
28) Bromochloromethane	7.824	49	47273	17.102	ug/l	99
29) Tetrahydrofuran	7.847	42	107587	87.020	ug/l	97
30) Chloroform	7.971	83	115776	16.305	ug/l	96
31) Cyclohexane	8.265	56	96638	16.508	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	104899	16.664	ug/l	98
36) 1,1-Dichloropropene	8.383	75	82670	17.131	ug/l	98
37) Ethyl Acetate	7.565	43	71118	18.347	ug/l	96
38) Carbon Tetrachloride	8.371	117	92180	17.067	ug/l	98
39) Methylcyclohexane	9.606	83	102267	17.566	ug/l	99
40) Benzene	8.612	78	255594	17.167	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	34983	17.363	ug/l	96
42) 1,2-Dichloroethane	8.677	62	84456	17.062	ug/l	98
43) Isopropyl Acetate	8.694	43	112625	17.614	ug/l	100
44) Trichloroethene	9.353	130	70435	16.792	ug/l	94
45) 1,2-Dichloropropane	9.624	63	59356	16.382	ug/l	97
46) Dibromomethane	9.712	93	45353	16.877	ug/l	99
47) Bromodichloromethane	9.894	83	88218	16.740	ug/l #	99
48) Methyl methacrylate	9.682	41	50594	17.568	ug/l	98
49) 1,4-Dioxane	9.700	88	23667	334.281	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	342362	88.536	ug/l	99
52) Toluene	10.629	92	166922	17.214	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	83093	16.107	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	98242	17.345	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	64866	17.043	ug/l	97
56) Ethyl methacrylate	10.877	69	87486	17.305	ug/l	98
57) 1,3-Dichloropropane	11.165	76	106812	17.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	98764	61.360	ug/l	99
59) 2-Hexanone	11.194	43	242647	86.045	ug/l	100
60) Dibromochloromethane	11.359	129	70104	16.562	ug/l	100
61) 1,2-Dibromoethane	11.471	107	64669	16.790	ug/l	99
64) Tetrachloroethene	11.106	164	72283	19.969	ug/l	98
65) Chlorobenzene	11.894	112	177828	16.843	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	67963	17.379	ug/l	98
67) Ethyl Benzene	11.965	91	314206	17.633	ug/l	99
68) m/p-Xylenes	12.071	106	248637	35.254	ug/l	100
69) o-Xylene	12.400	106	123568	17.704	ug/l	99
70) Styrene	12.412	104	201537	18.161	ug/l	99
71) Bromoform	12.582	173	48236	16.951	ug/l #	98
73) Isopropylbenzene	12.700	105	320860	18.389	ug/l	99
74) N-amyl acetate	12.494	43	89624	17.509	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	89452	16.584	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94699m	19.457	ug/l	
77) Bromobenzene	12.982	156	78138	17.695	ug/l	96
78) n-propylbenzene	13.035	91	355196	18.457	ug/l	100
79) 2-Chlorotoluene	13.129	91	211944	17.643	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	267883	18.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22302	16.494	ug/l	93
82) 4-Chlorotoluene	13.129	91	211944	17.643	ug/l	99
83) tert-Butylbenzene	13.441	119	252315	19.596	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	265297	18.312	ug/l	100
85) sec-Butylbenzene	13.618	105	333265	18.753	ug/l	100
86) p-Isopropyltoluene	13.729	119	274502	18.563	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	138760	17.011	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	139532	16.745	ug/l	99
89) n-Butylbenzene	14.059	91	209880	17.520	ug/l	99
90) Hexachloroethane	14.335	117	46038	17.405	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	141429	17.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14557	15.209	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	63445	15.950	ug/l	98
94) Hexachlorobutadiene	15.506	225	37484	17.272	ug/l	98
95) Naphthalene	15.647	128	179798	15.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61772	16.615	ug/l	99

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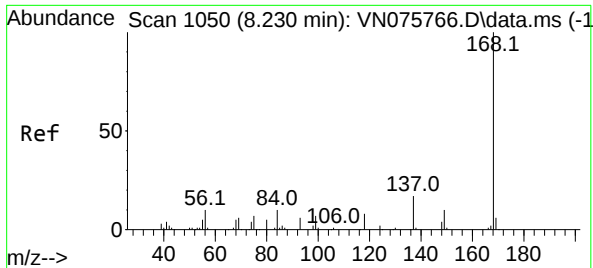
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



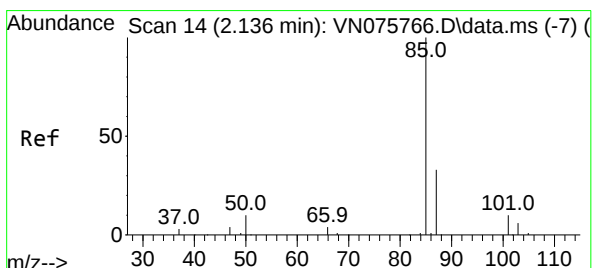
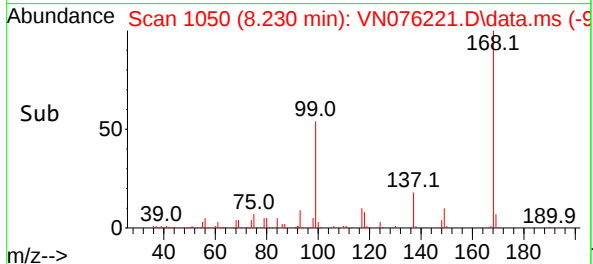
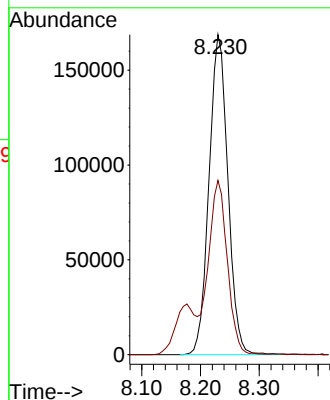
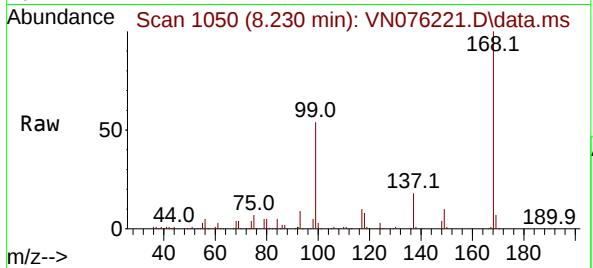
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion:168 Resp: 37571
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4

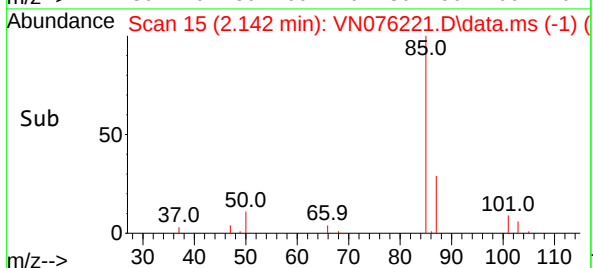
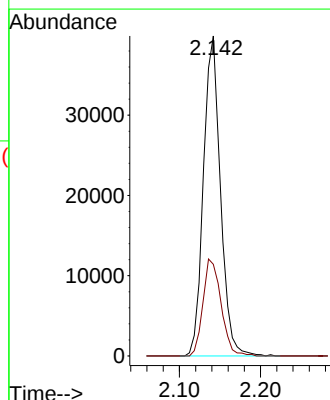
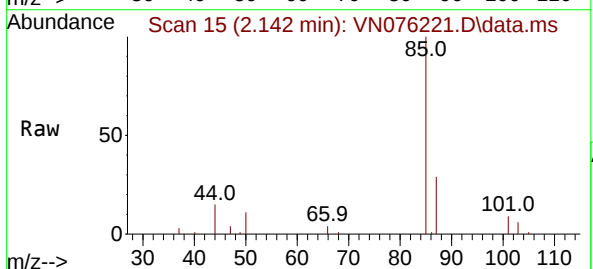
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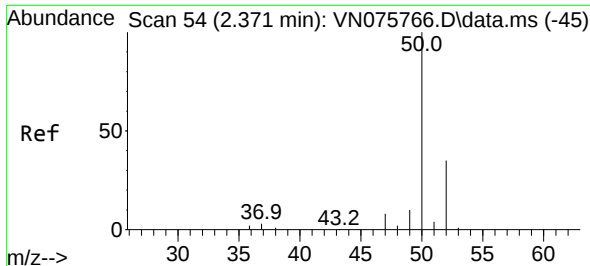
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#2
Dichlorodifluoromethane
Concen: 21.780 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 85 Resp: 58103
Ion Ratio Lower Upper
85 100
87 28.7 16.3 48.9





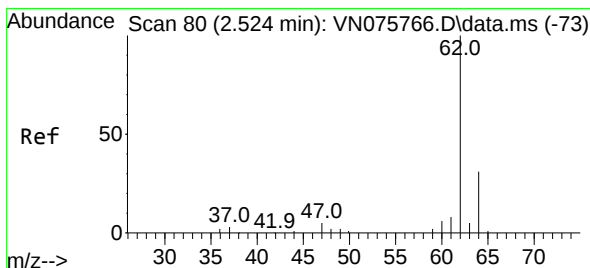
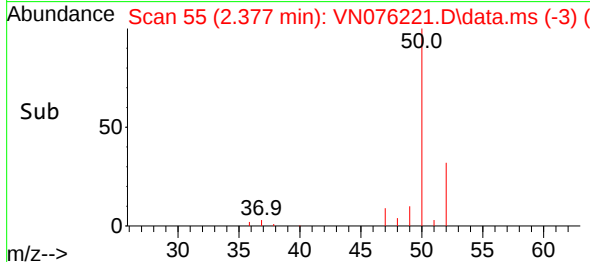
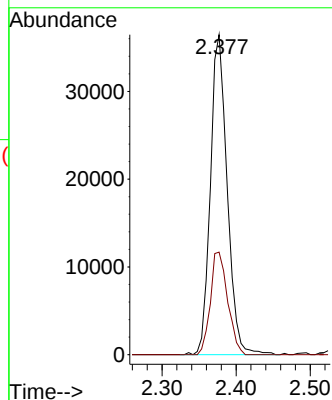
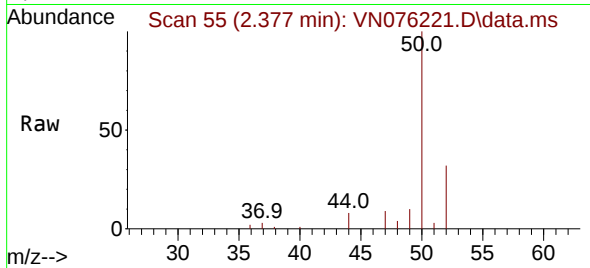
#3
Chloromethane
Concen: 17.274 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

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Tgt Ion: 50 Resp: 5730
Ion Ratio Lower Upper
50 100
52 32.0 27.7 41.5

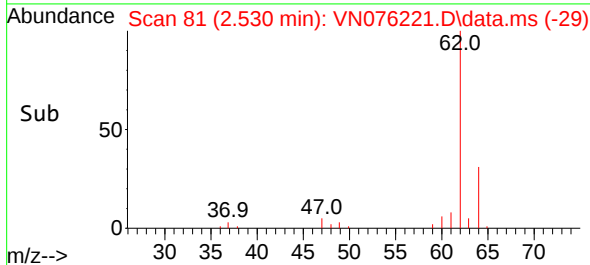
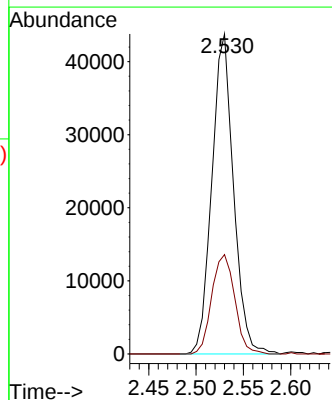
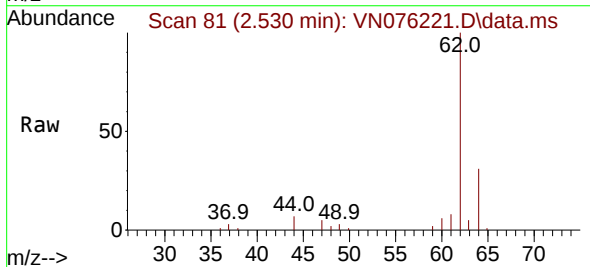
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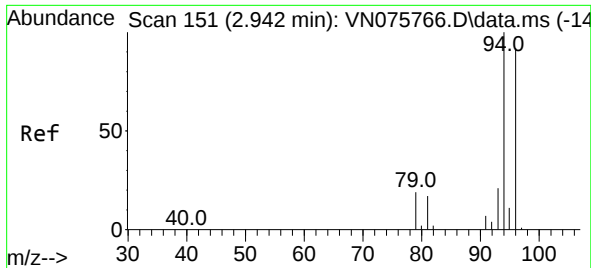
Reviewed By :John Carlone 01/13/2023
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#4
Vinyl Chloride
Concen: 17.572 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 62 Resp: 69532
Ion Ratio Lower Upper
62 100
64 31.0 24.9 37.3





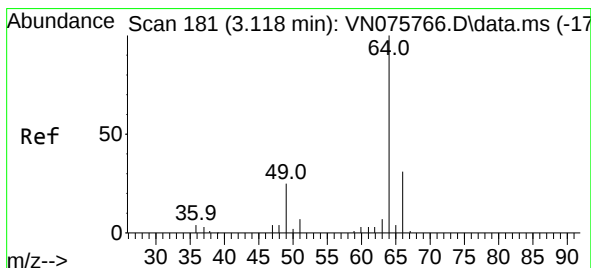
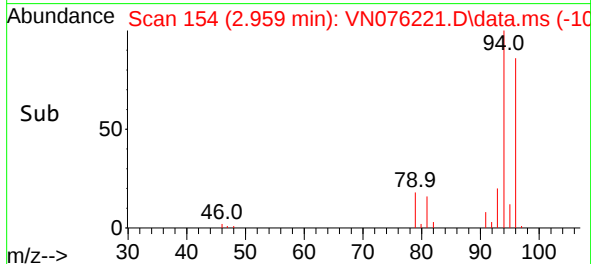
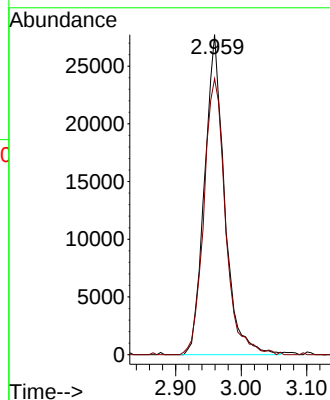
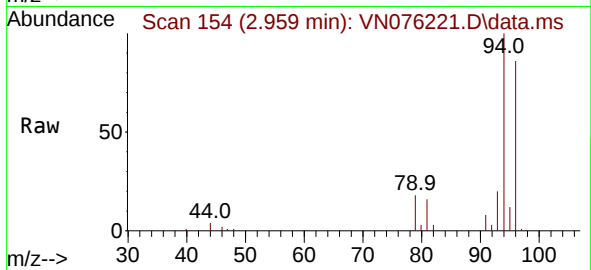
#5
Bromomethane
Concen: 17.558 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076221.D
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Instrument :
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Tgt Ion: 94 Resp: 59040
Ion Ratio Lower Upper
94 100
96 86.3 73.8 110.6

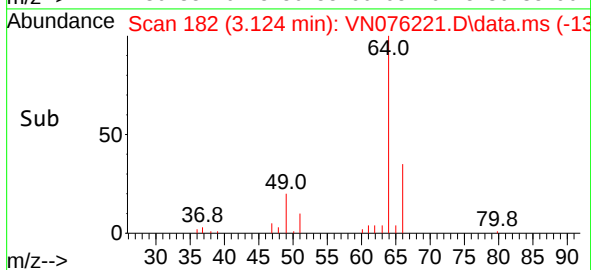
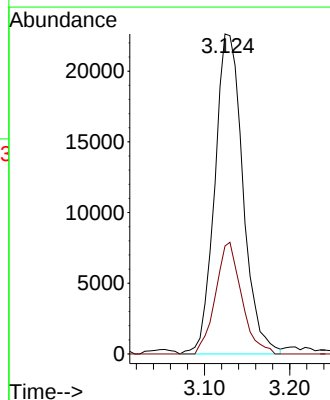
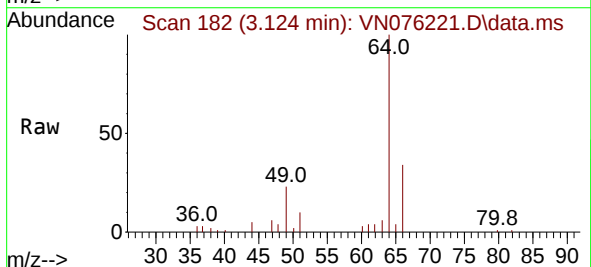
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#6
Chloroethane
Concen: 17.762 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

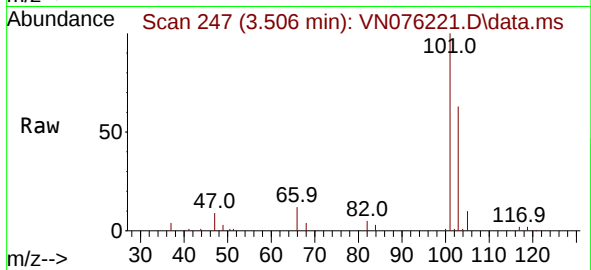
Tgt Ion: 64 Resp: 52048
Ion Ratio Lower Upper
64 100
66 33.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.098 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076221.D
 Acq: 12 Jan 2023 11:15

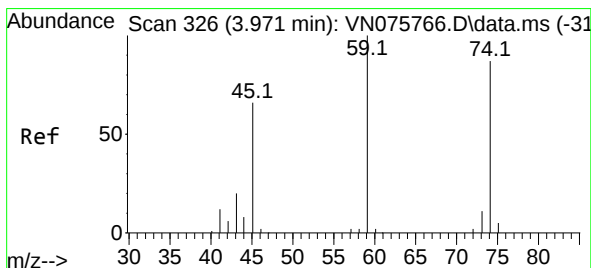
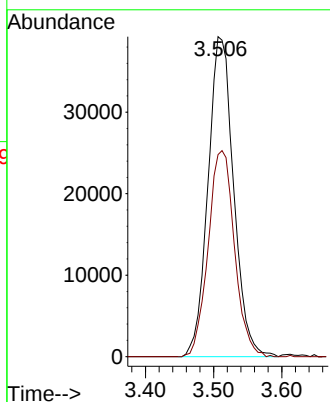
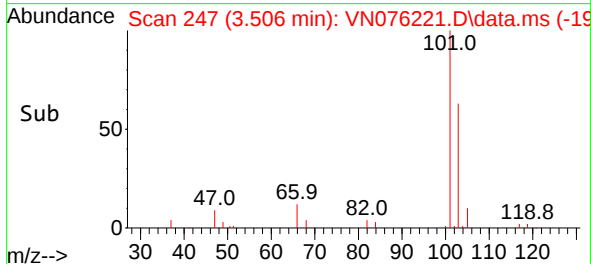
Instrument :
 MSVOA_N
 ClientSampleId :
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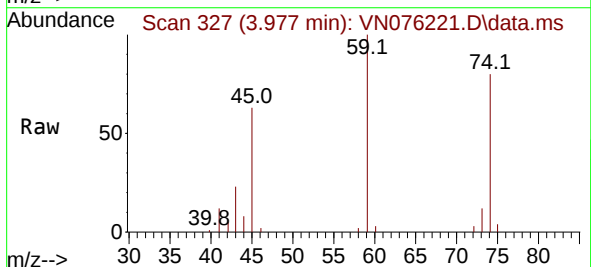
Tgt Ion:101 Resp: 10266
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.4 80.2

Manual Integrations
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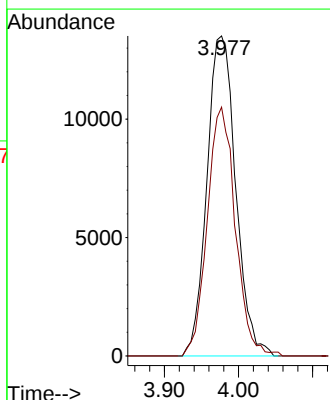
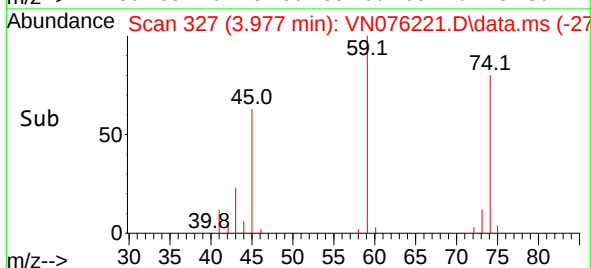
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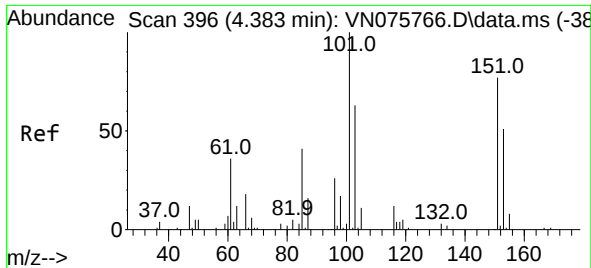


#8
 Diethyl Ether
 Concen: 16.664 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076221.D
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Tgt Ion: 74 Resp: 36545
 Ion Ratio Lower Upper
 74 100
 45 75.6 37.8 113.4





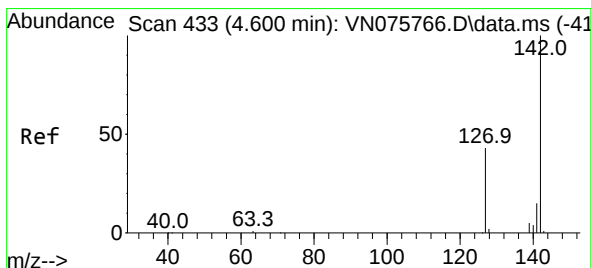
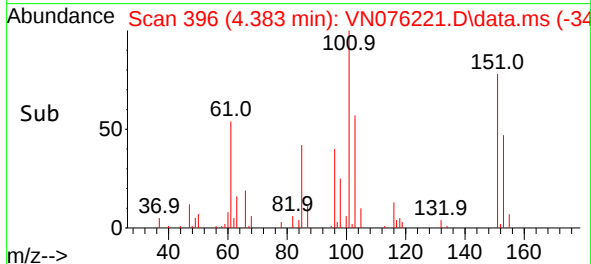
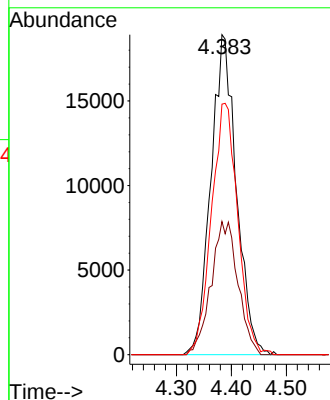
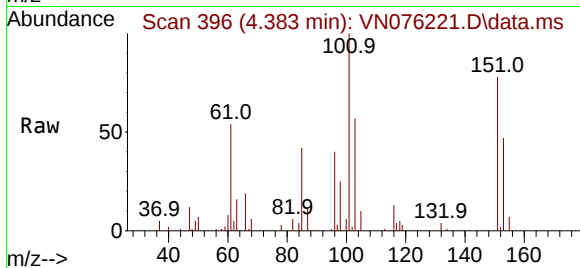
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.774 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion:101 Resp: 60939
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 80.8 65.6 98.4

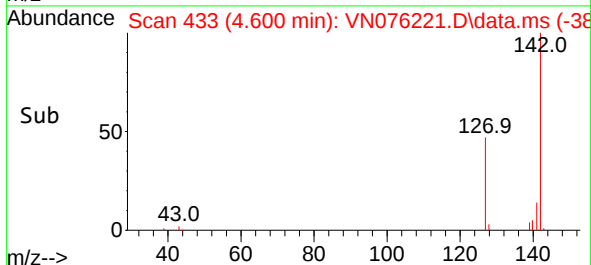
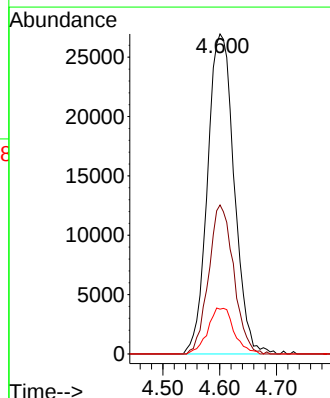
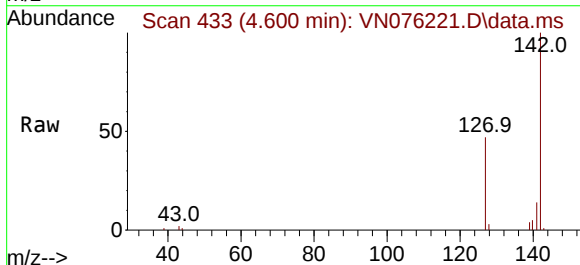
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#10
Methyl Iodide
Concen: 15.746 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

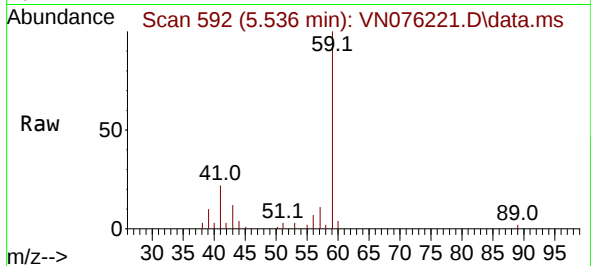
Tgt Ion:142 Resp: 87614
Ion Ratio Lower Upper
142 100
127 43.8 34.7 52.1
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 76.533 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

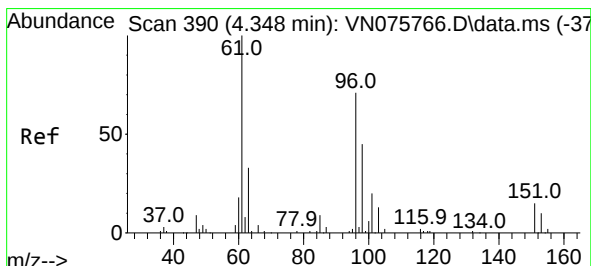
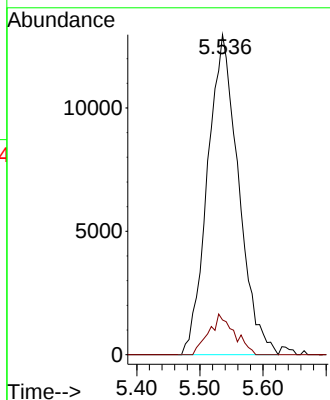
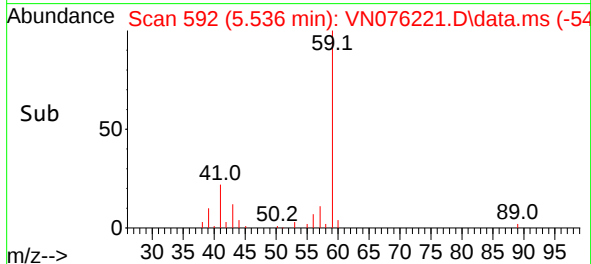
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



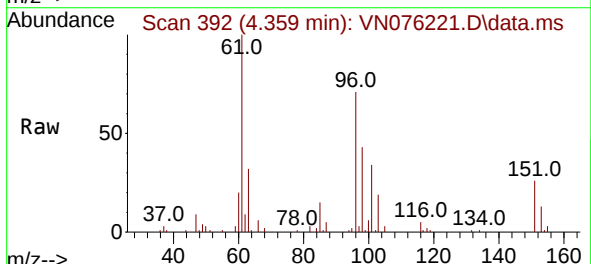
Tgt Ion: 59 Resp: 44264
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

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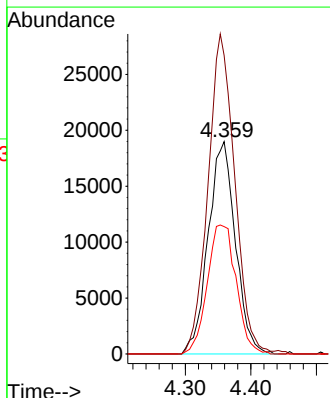
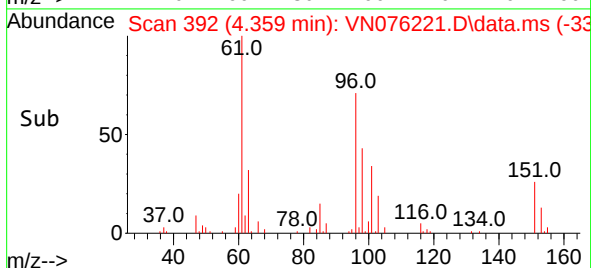
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

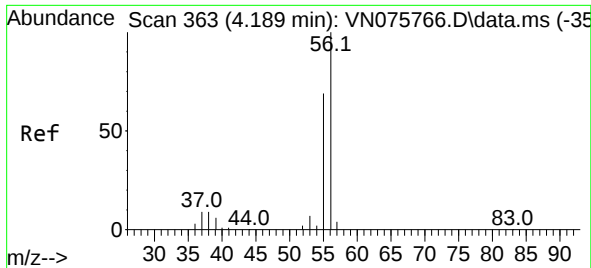


#12
1,1-Dichloroethene
Concen: 16.446 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15



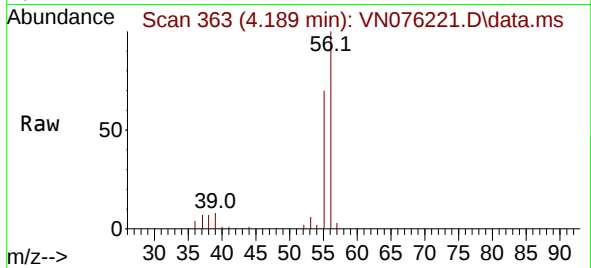
Tgt Ion: 96 Resp: 54765
Ion Ratio Lower Upper
96 100
61 140.6 113.3 169.9
98 60.0 50.9 76.3





#13
Acrolein
Concen: 90.908 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

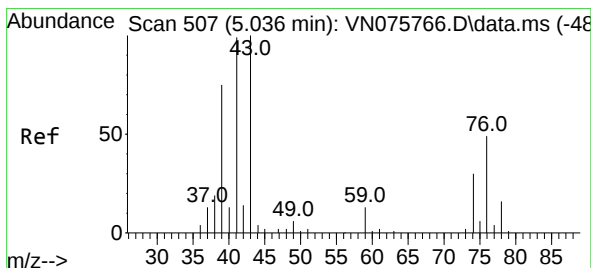
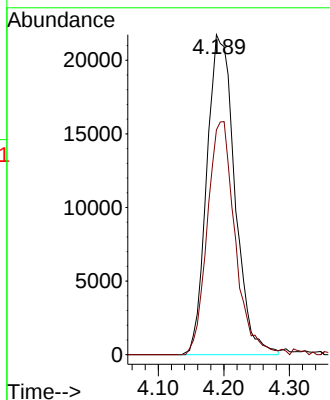
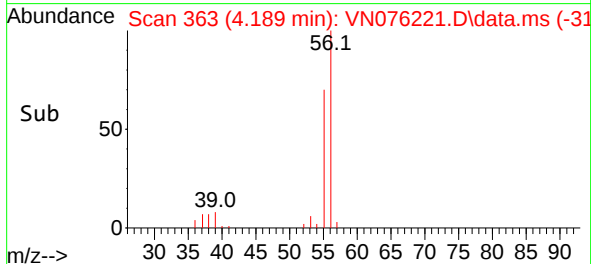
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



Tgt Ion: 56 Resp: 64459
Ion Ratio Lower Upper
56 100
55 72.3 54.8 82.2

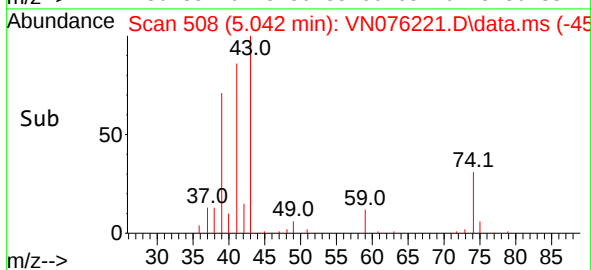
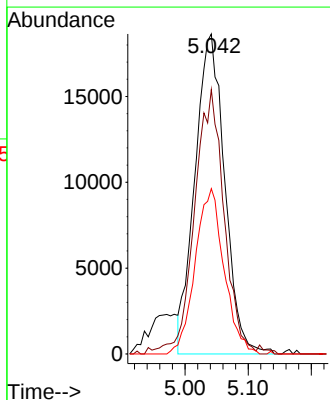
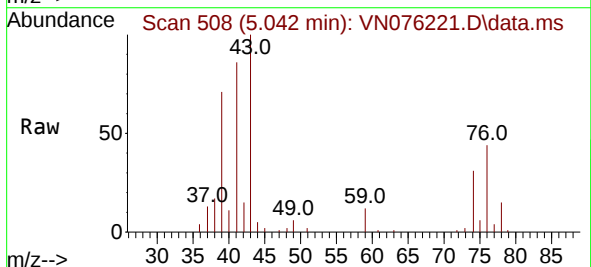
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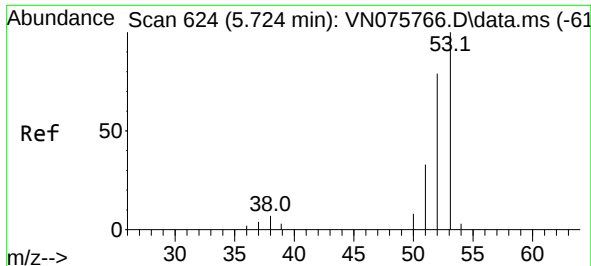
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#14
Allyl chloride
Concen: 15.669 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 41 Resp: 60995
Ion Ratio Lower Upper
41 100
39 82.0 58.3 87.5
76 50.1 35.8 53.6





#15

Acrylonitrile

Concen: 80.465 ug/l

RT: 5.730 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion: 53 Resp: 126999

Ion Ratio Lower Upper

53 100

52 81.6 65.4 98.0

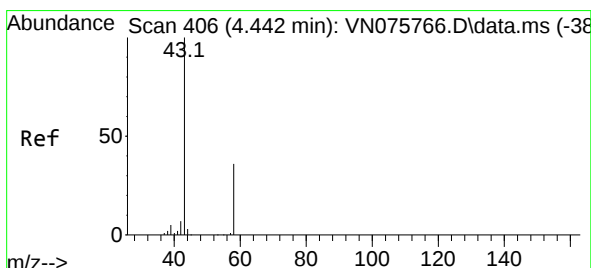
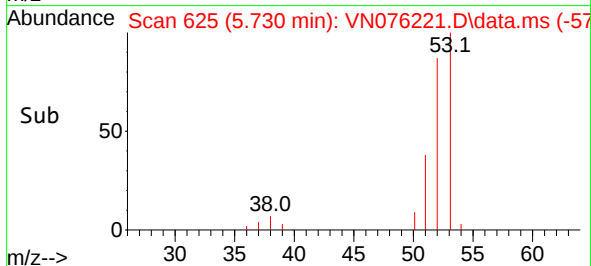
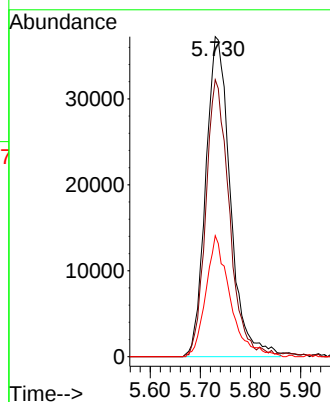
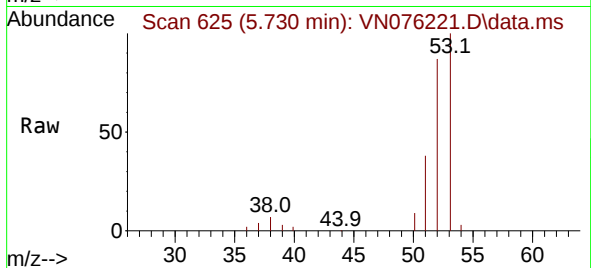
51 37.4 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#16

Acetone

Concen: 76.293 ug/l

RT: 4.447 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN076221.D

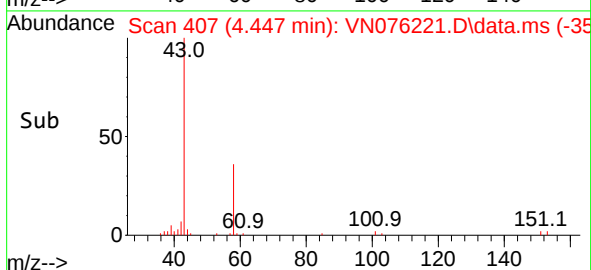
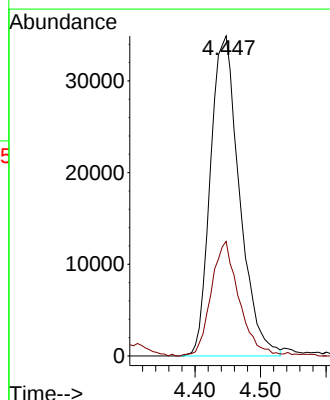
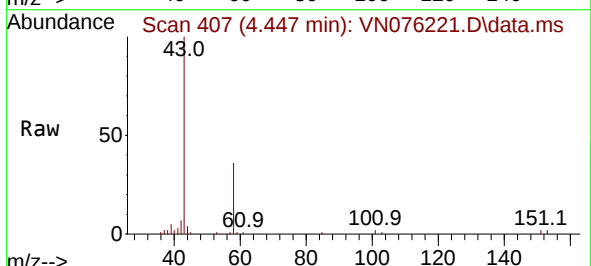
Acq: 12 Jan 2023 11:15

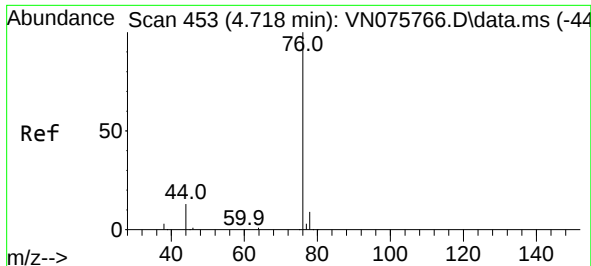
Tgt Ion: 43 Resp: 107498

Ion Ratio Lower Upper

43 100

58 35.8 28.6 43.0





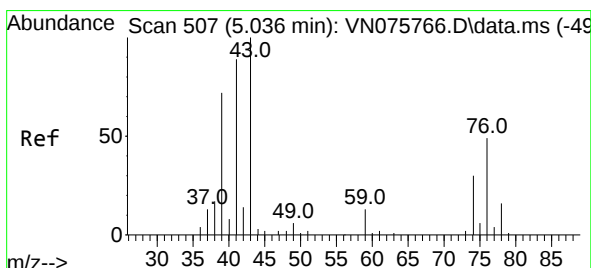
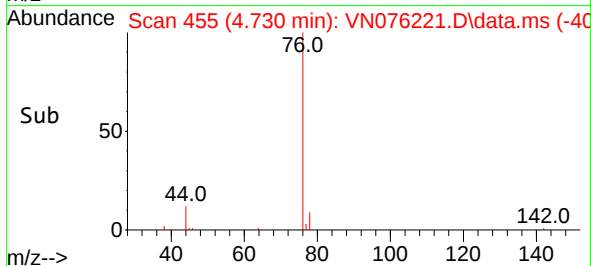
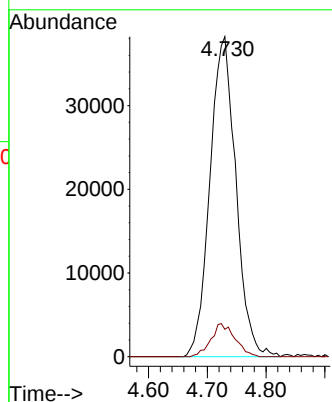
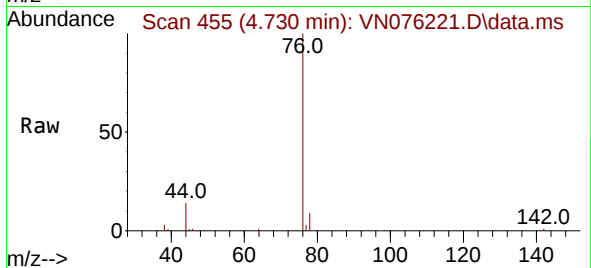
#17
Carbon Disulfide
Concen: 14.543 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 76 Resp: 11725
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

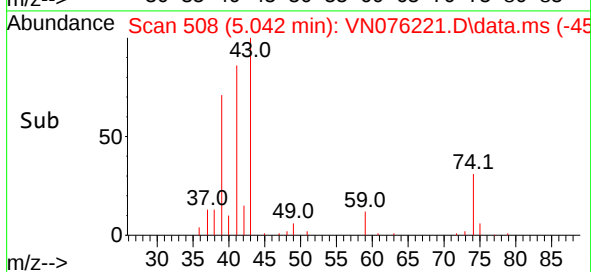
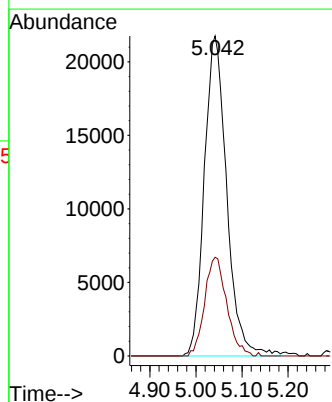
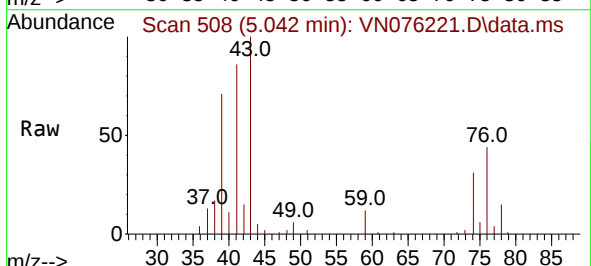
Manual Integrations
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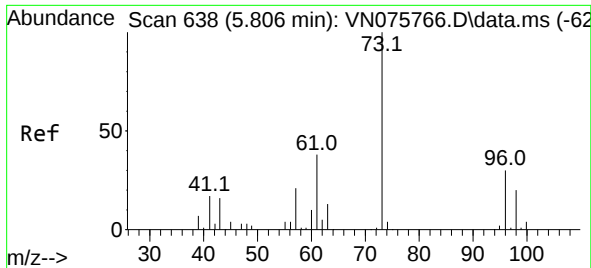
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#18
Methyl Acetate
Concen: 17.641 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 43 Resp: 73474
Ion Ratio Lower Upper
43 100
74 30.4 23.6 35.4





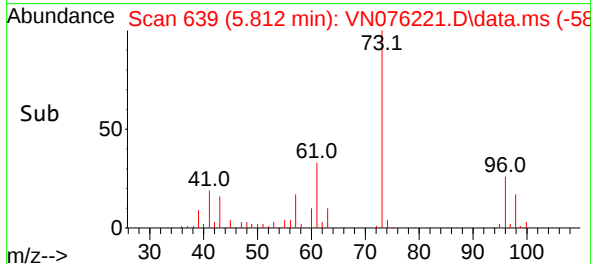
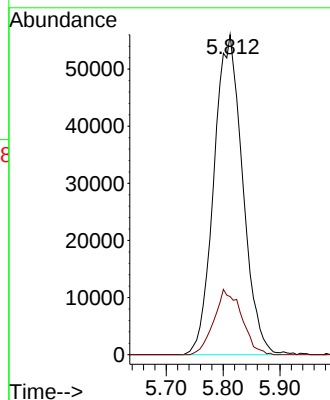
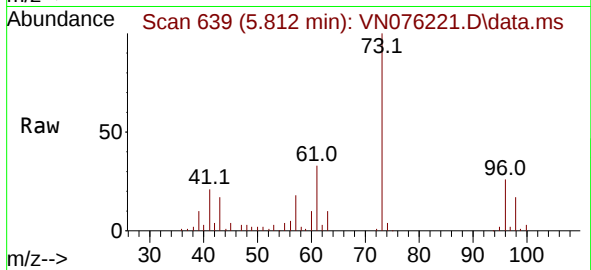
#19
Methyl tert-butyl Ether
Concen: 17.920 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 73 Resp: 196509
Ion Ratio Lower Upper
73 100
57 18.2 17.1 25.7

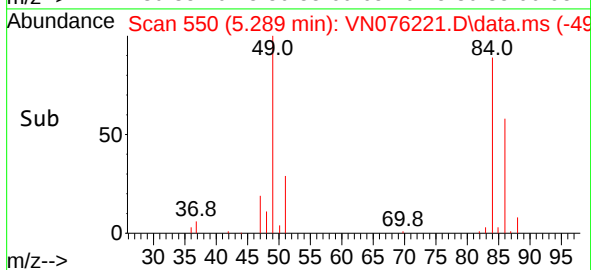
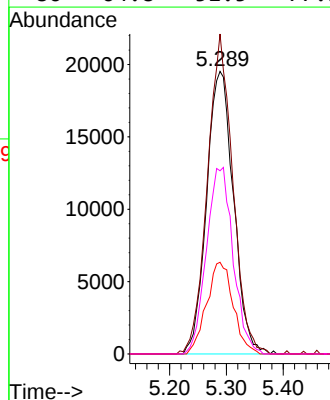
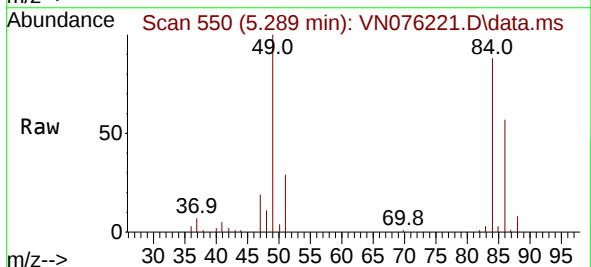
Manual Integrations
APPROVED

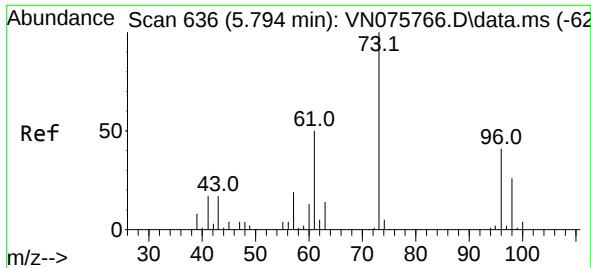
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#20
Methylene Chloride
Concen: 16.599 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

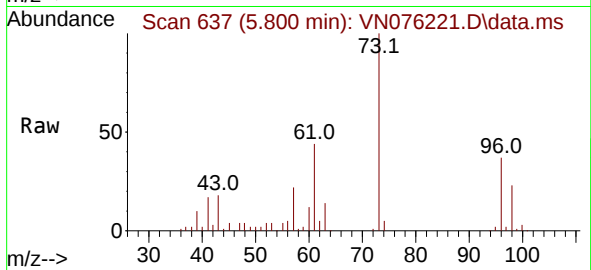
Tgt Ion: 84 Resp: 64176
Ion Ratio Lower Upper
84 100
49 113.2 81.8 122.6
51 32.5 26.7 40.1
86 64.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 16.236 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

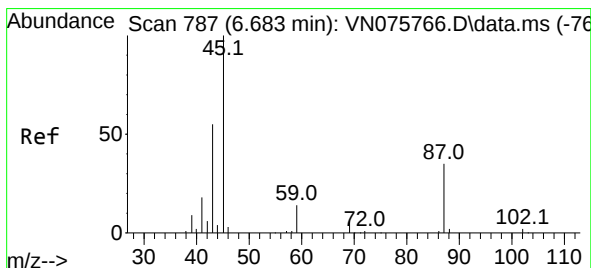
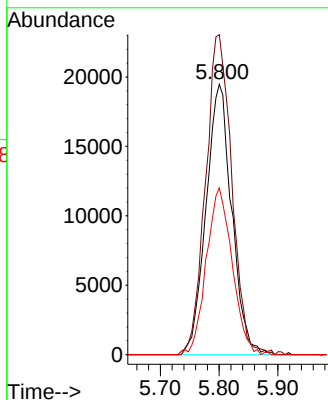
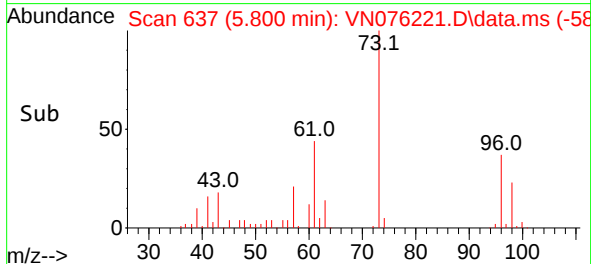
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



Tgt Ion: 96 Resp: 59208
Ion Ratio Lower Upper
96 100
61 118.3 98.1 147.1
98 61.7 51.4 77.2

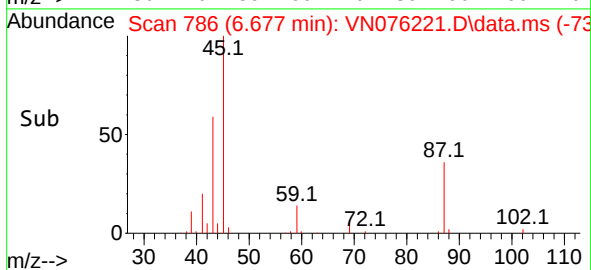
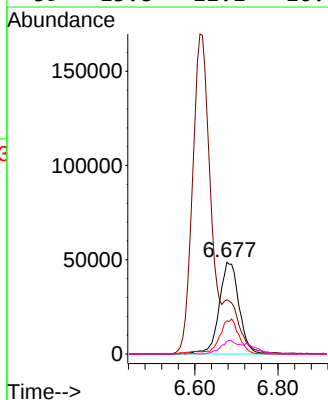
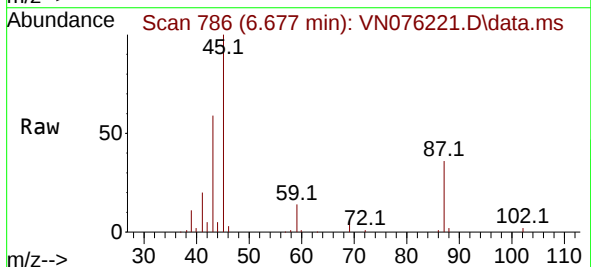
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#22
Diisopropyl ether
Concen: 17.002 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 45 Resp: 160778
Ion Ratio Lower Upper
45 100
43 58.0 44.2 66.4
87 36.3 28.3 42.5
59 13.8 11.1 16.7





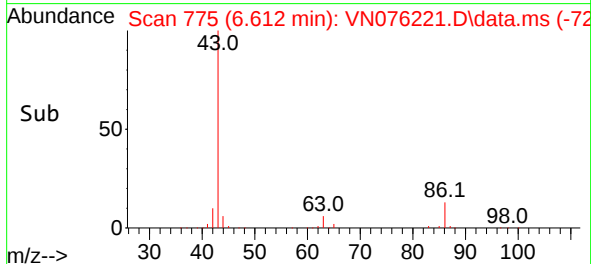
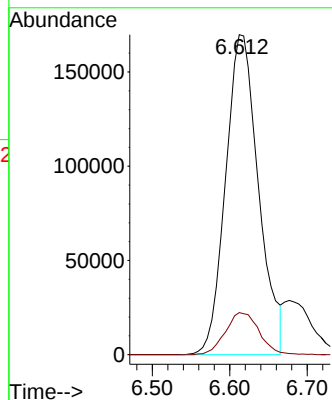
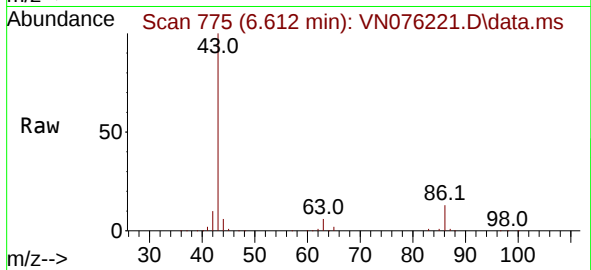
#23
 Vinyl Acetate
 Concen: 78.975 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN076221.D
 Acq: 12 Jan 2023 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS01

Tgt Ion: 43 Resp: 502654
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.4 17.2

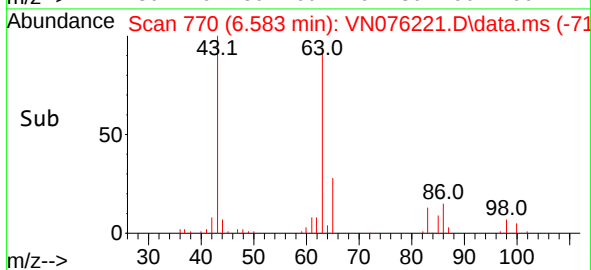
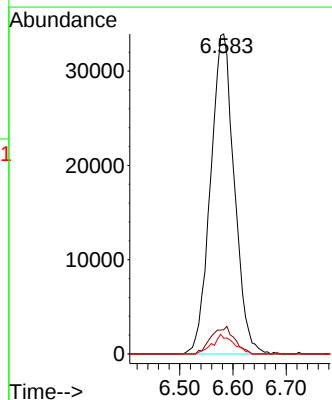
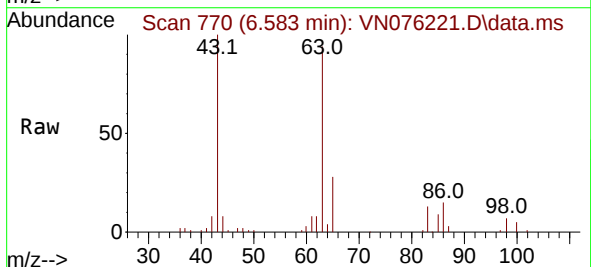
Manual Integrations
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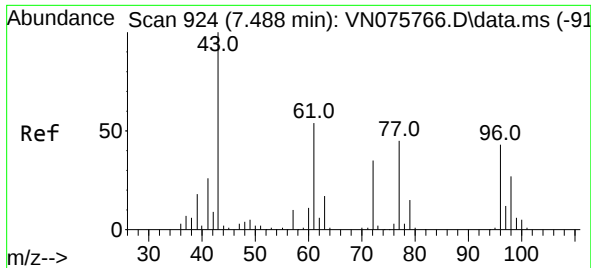
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#24
 1,1-Dichloroethane
 Concen: 16.630 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076221.D
 Acq: 12 Jan 2023 11:15

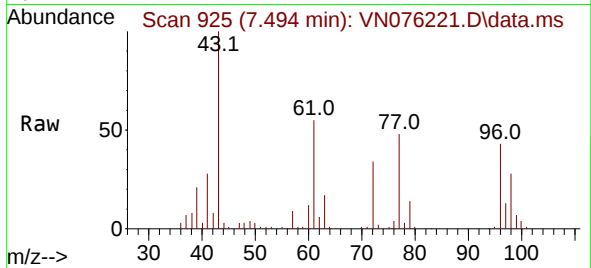
Tgt Ion: 63 Resp: 104878
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.5
 100 4.9 2.5 7.6





#25
2-Butanone
Concen: 82.128 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

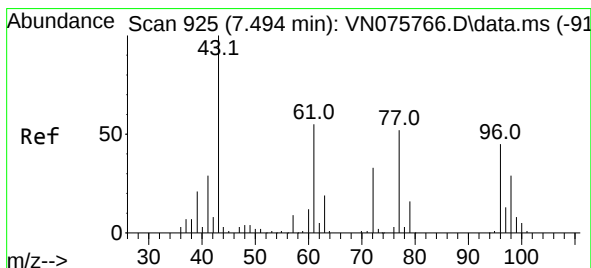
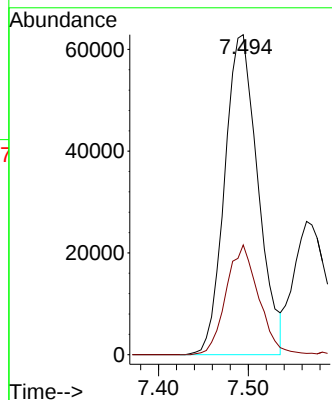
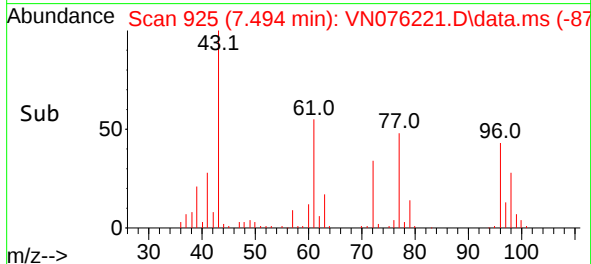
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



Tgt Ion: 43 Resp: 16202
Ion Ratio Lower Upper
43 100
72 34.3 28.0 42.0

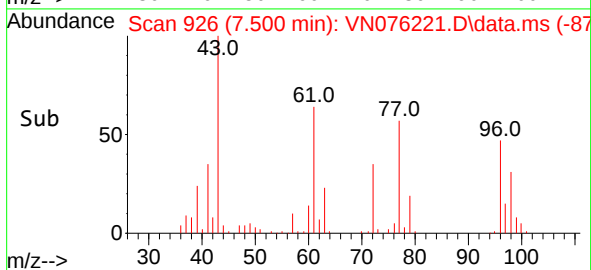
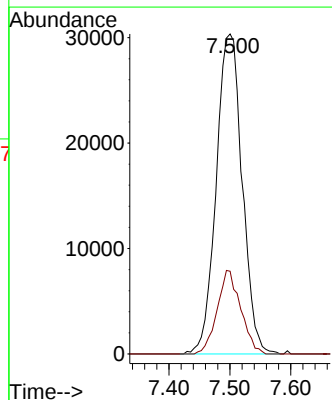
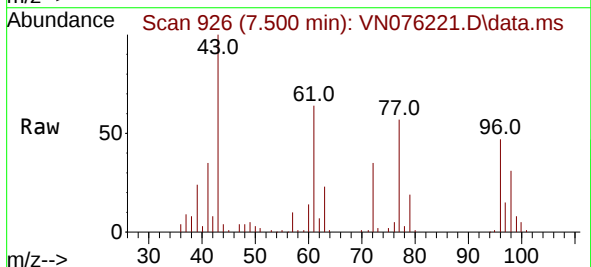
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#26
2,2-Dichloropropane
Concen: 16.839 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

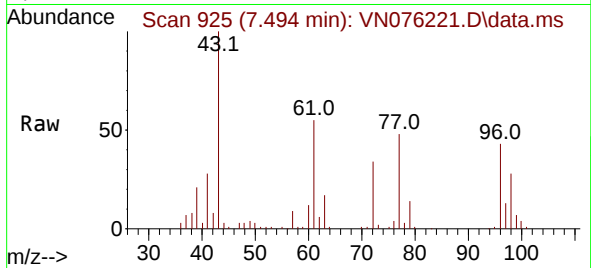
Tgt Ion: 77 Resp: 89934
Ion Ratio Lower Upper
77 100
97 23.6 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 16.185 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

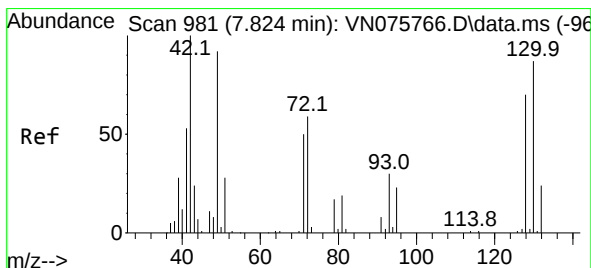
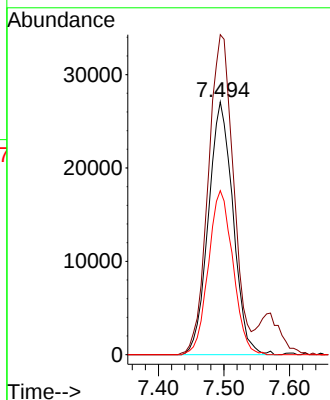
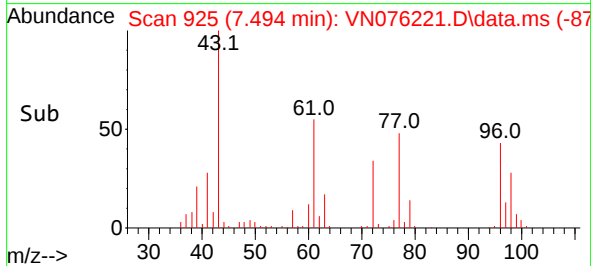
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



Tgt Ion: 96 Resp: 7059
Ion Ratio Lower Upper
96 100
61 129.5 0.0 247.8
98 64.7 0.0 128.4

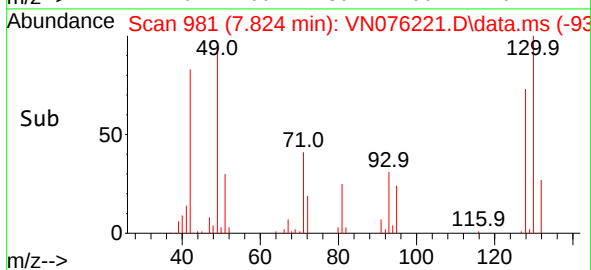
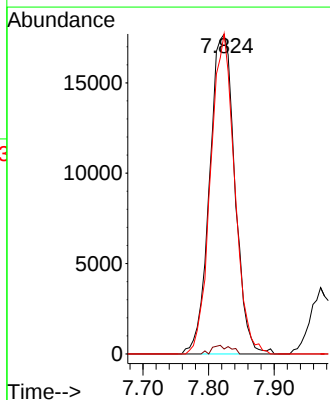
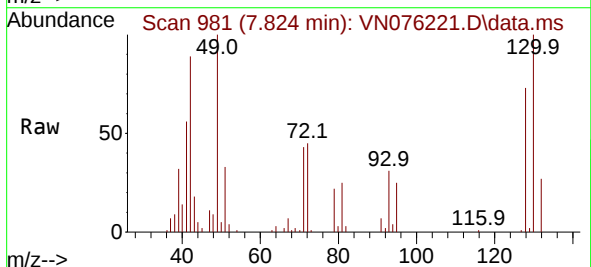
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#28
Bromochloromethane
Concen: 17.102 ug/l
RT: 7.824 min Scan# 981
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

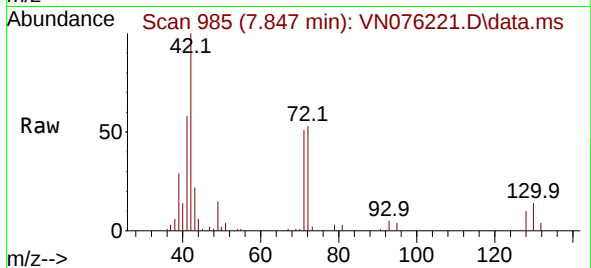
Tgt Ion: 49 Resp: 47273
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.0
130 95.3 77.0 115.4





#29
Tetrahydrofuran
Concen: 87.020 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

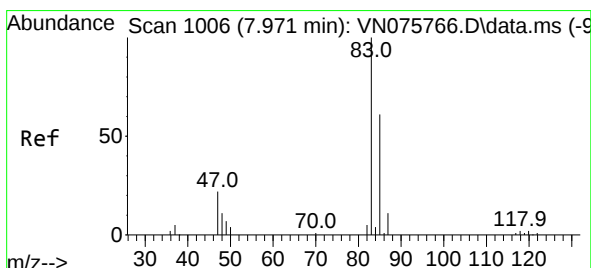
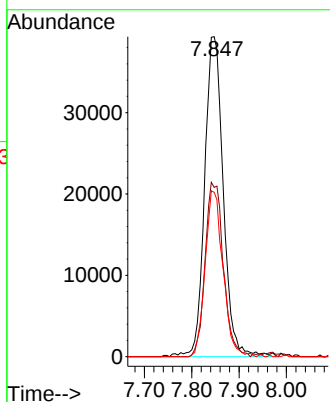
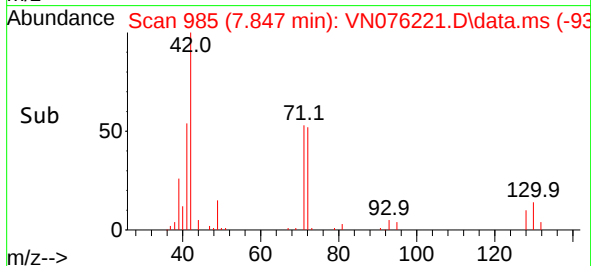
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



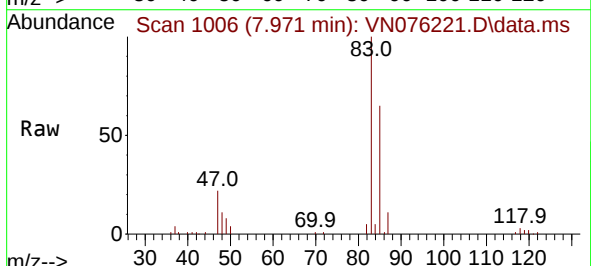
Tgt Ion: 42 Resp: 10758
Ion Ratio Lower Upper
42 100
72 53.4 44.5 66.7
71 49.6 41.0 61.6

Manual Integrations
APPROVED

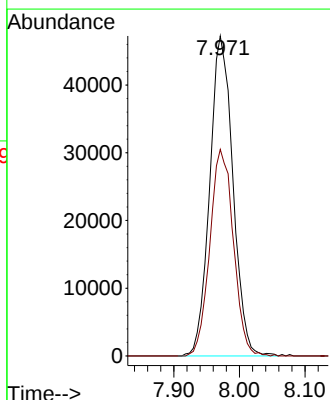
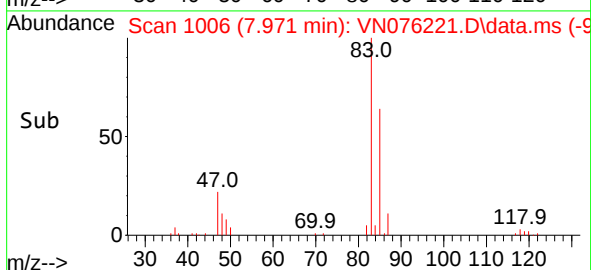
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

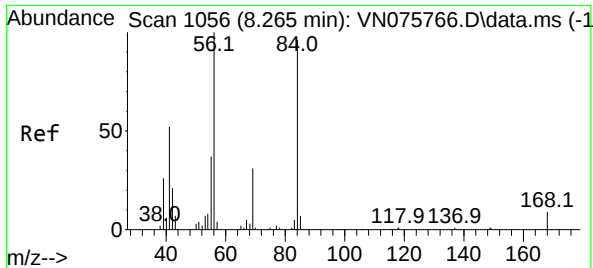


#30
Chloroform
Concen: 16.305 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15



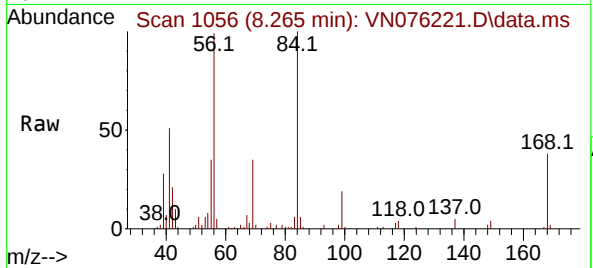
Tgt Ion: 83 Resp: 115776
Ion Ratio Lower Upper
83 100
85 64.6 49.1 73.7





#31
Cyclohexane
Concen: 16.508 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

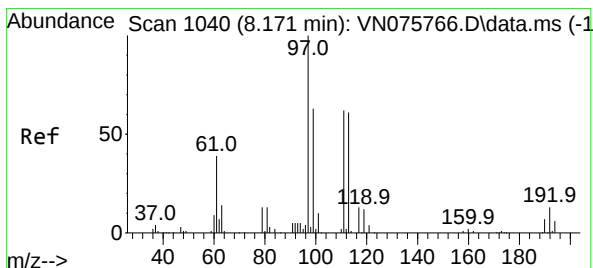
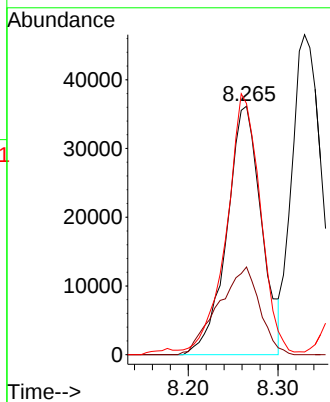
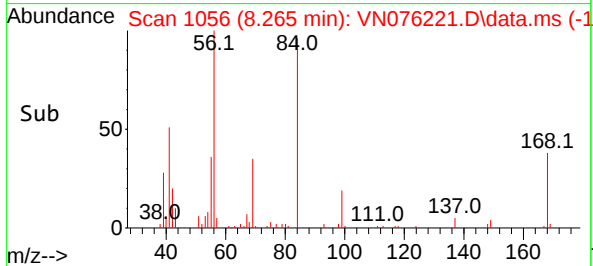
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



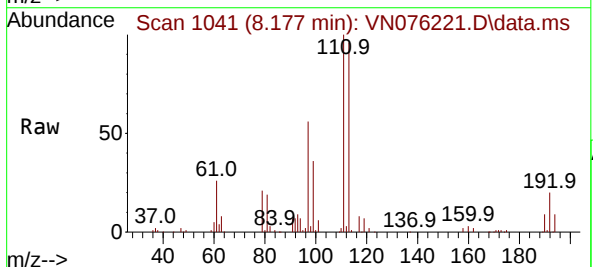
Tgt Ion: 56 Resp: 96638
Ion Ratio Lower Upper
56 100
69 35.3 24.7 37.1
84 99.2 76.5 114.7

Manual Integrations
APPROVED

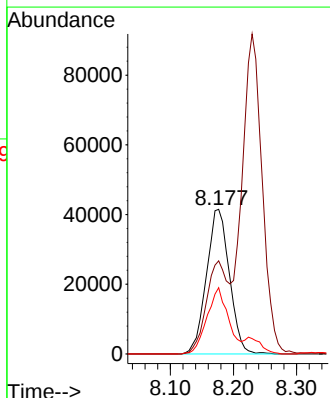
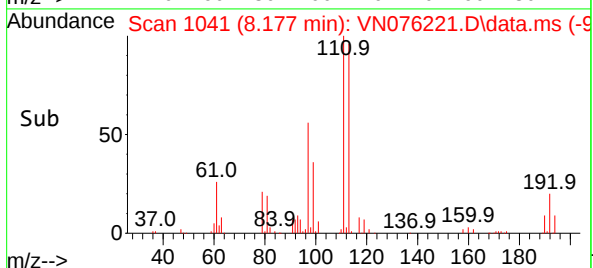
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

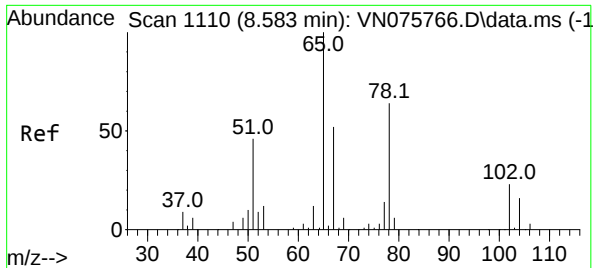


#32
1,1,1-Trichloroethane
Concen: 16.664 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15



Tgt Ion: 97 Resp: 104899
Ion Ratio Lower Upper
97 100
99 60.7 50.2 75.2
61 42.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.653 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion: 65 Resp: 186600

Ion Ratio Lower Upper

65 100

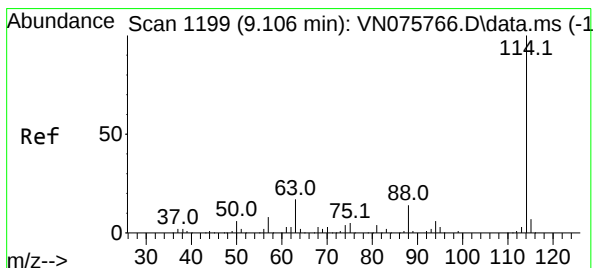
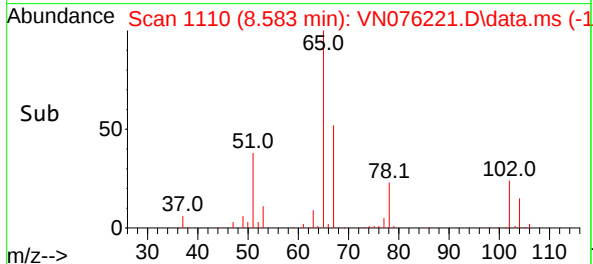
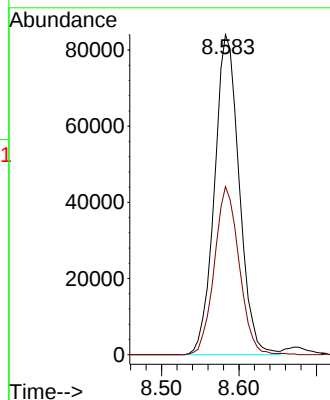
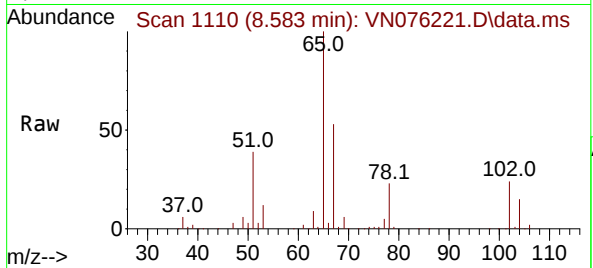
67 52.7 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

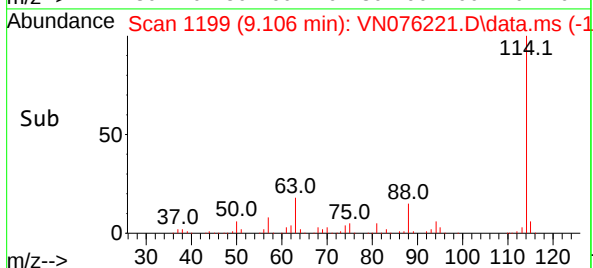
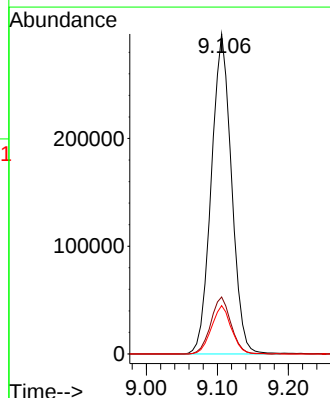
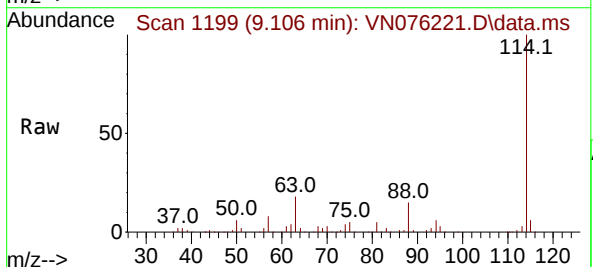
Tgt Ion:114 Resp: 586601

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.817 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion:113 Resp: 17370

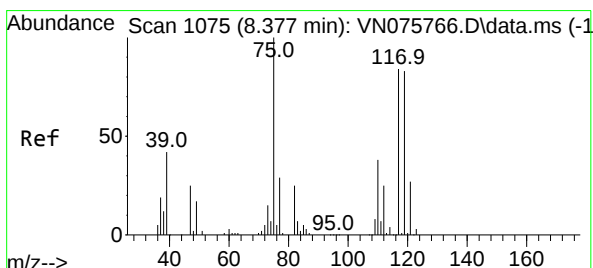
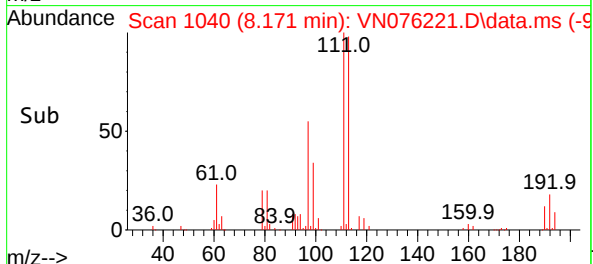
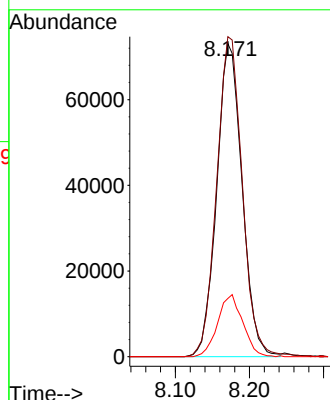
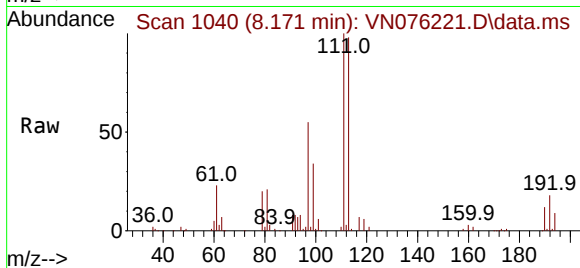
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	19.6	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#36

1,1-Dichloropropene

Concen: 17.131 ug/l

RT: 8.383 min Scan# 1076

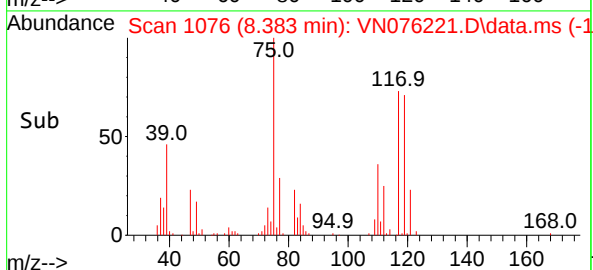
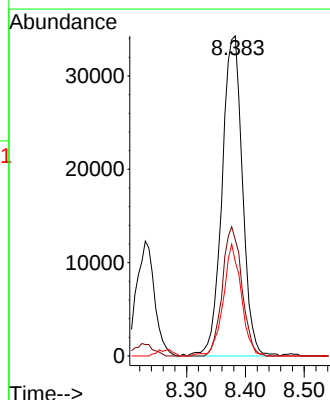
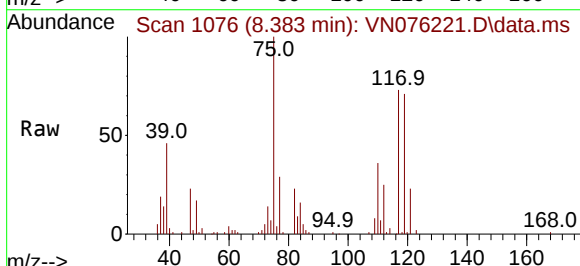
Delta R.T. 0.006 min

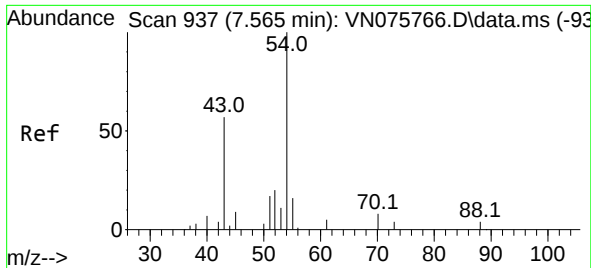
Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Tgt Ion: 75 Resp: 82670

Ion	Ratio	Lower	Upper
75	100		
110	38.6	18.8	56.4
77	31.1	24.1	36.1





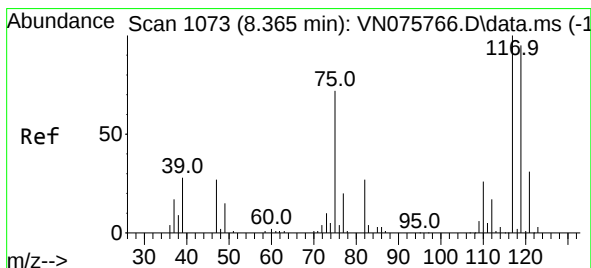
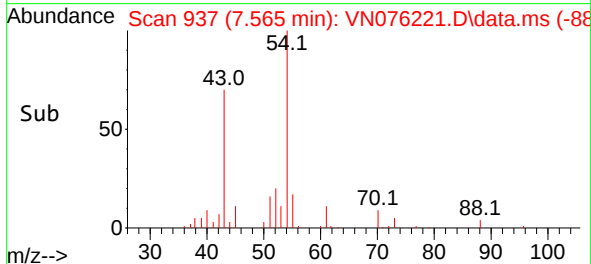
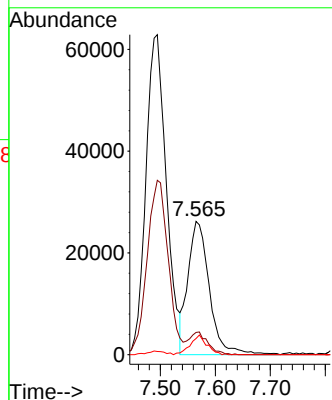
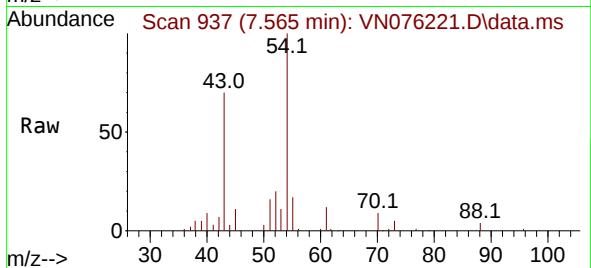
#37
Ethyl Acetate
Concen: 18.347 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 43 Resp: 71118
Ion Ratio Lower Upper
43 100
61 13.9 13.0 19.4
70 11.3 9.4 14.0

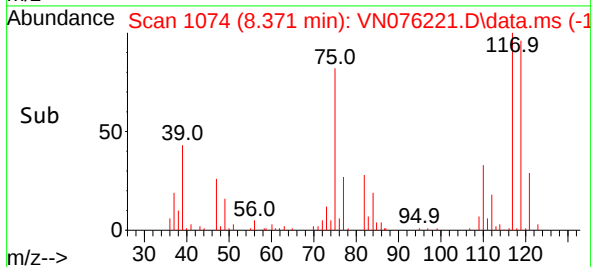
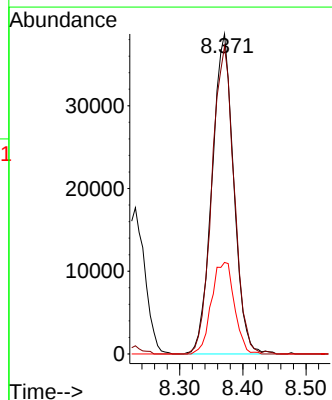
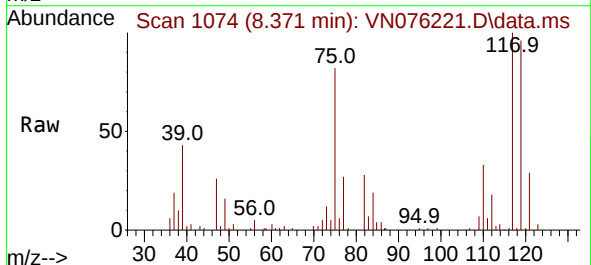
Manual Integrations
APPROVED

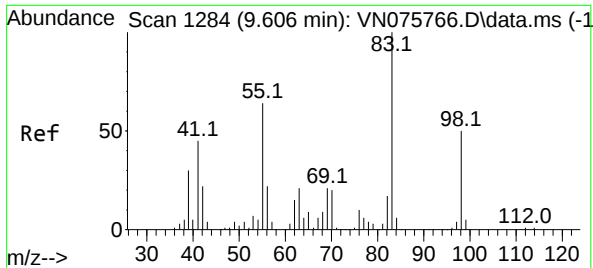
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#38
Carbon Tetrachloride
Concen: 17.067 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

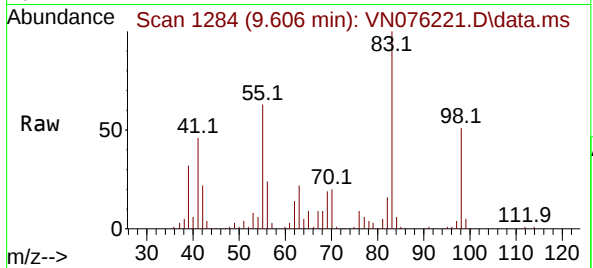
Tgt Ion:117 Resp: 92180
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1
121 28.6 24.5 36.7





#39
Methylcyclohexane
Concen: 17.566 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

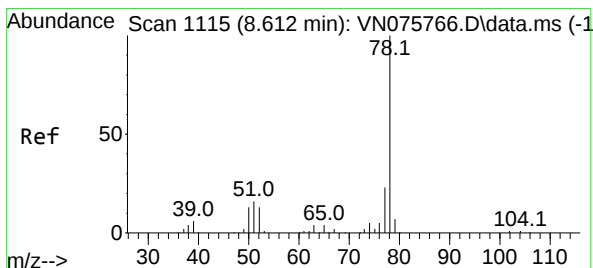
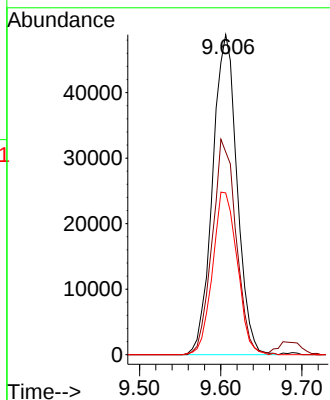
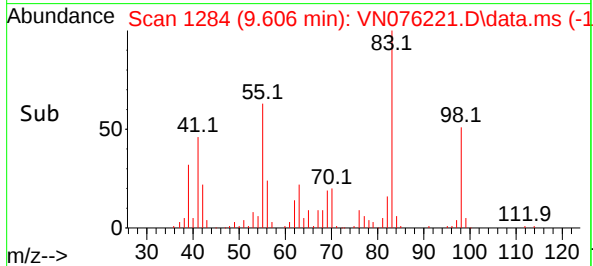
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



Tgt Ion: 83 Resp: 10226
Ion Ratio Lower Upper
83 100
55 63.3 51.4 77.0
98 50.6 39.8 59.8

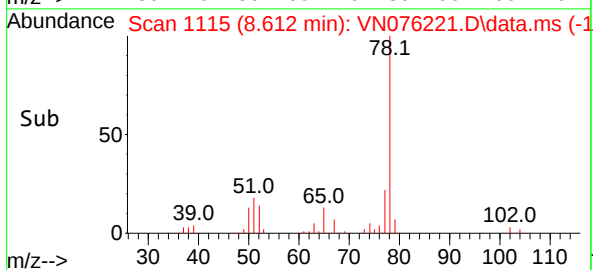
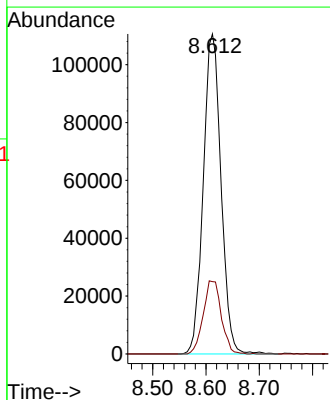
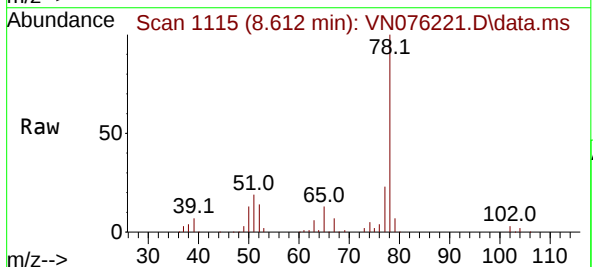
Manual Integrations
APPROVED

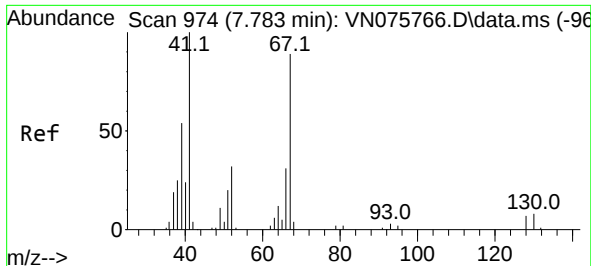
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#40
Benzene
Concen: 17.167 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

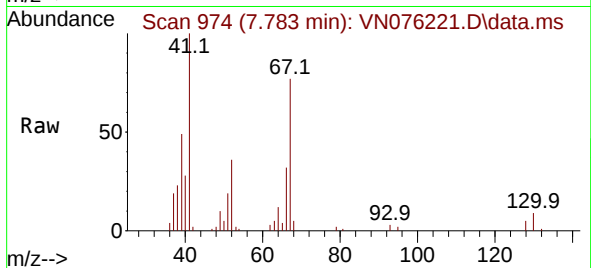
Tgt Ion: 78 Resp: 255594
Ion Ratio Lower Upper
78 100
77 22.6 18.5 27.7





#41
Methacrylonitrile
Concen: 17.363 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

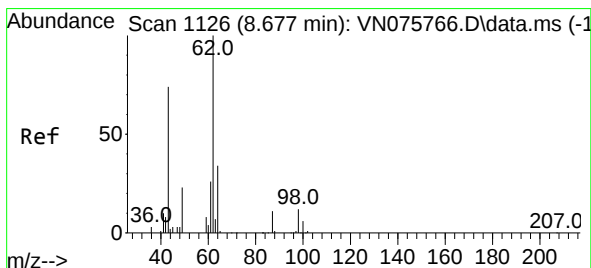
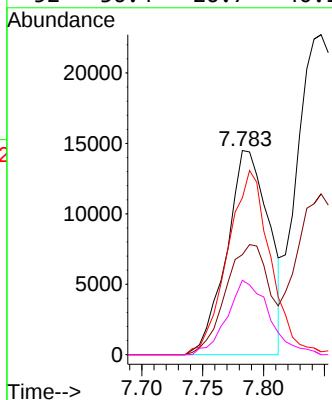
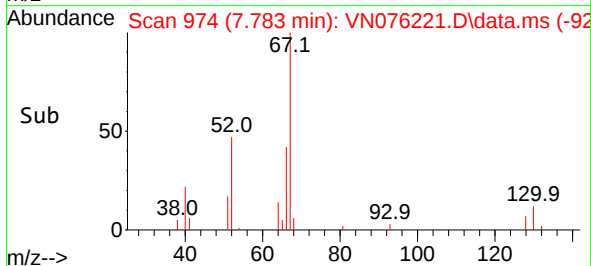
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



Tgt Ion:	41	Resp:	3498
Ion Ratio	100	Lower	Upper
41	100		
39	56.0	43.1	64.7
67	91.5	70.7	106.1
52	36.4	26.7	40.1

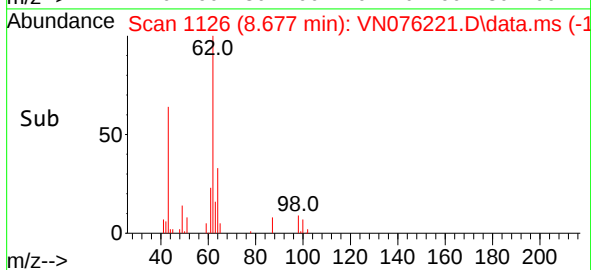
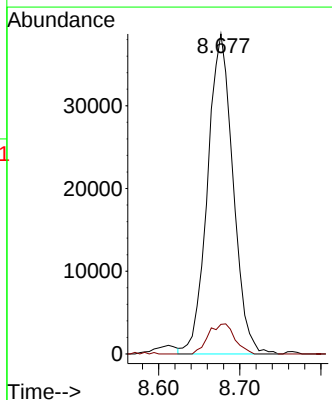
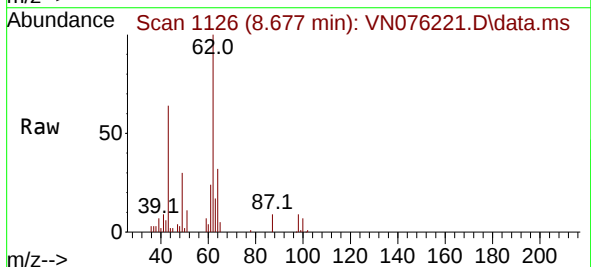
Manual Integrations
APPROVED

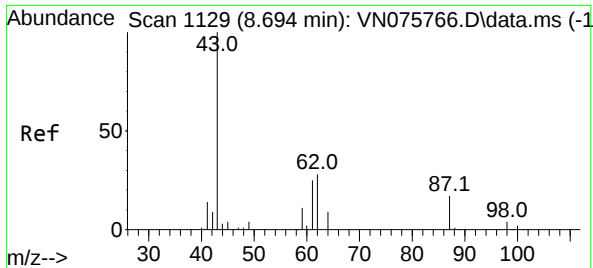
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#42
1,2-Dichloroethane
Concen: 17.062 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion:	62	Resp:	84456
Ion Ratio	100	Lower	Upper
62	100		
98	9.7	0.0	20.8





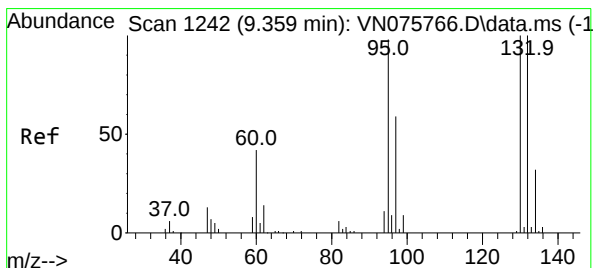
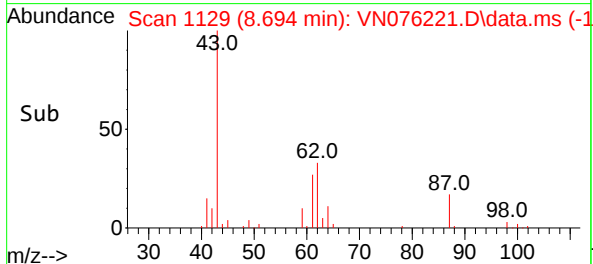
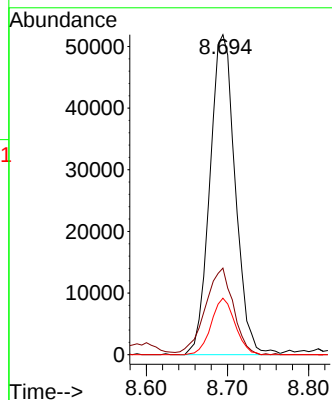
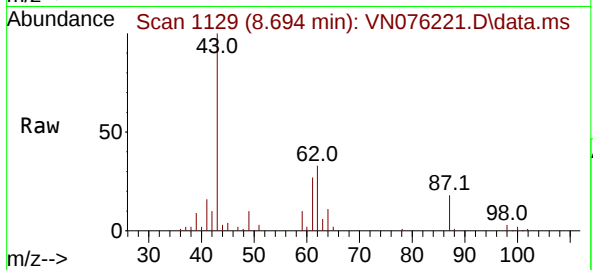
#43
Isopropyl Acetate
Concen: 17.614 ug/l
RT: 8.694 min Scan# 11262
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 43 Resp: 11262
Ion Ratio Lower Upper
43 100
61 30.0 24.2 36.4
87 16.6 13.3 19.9

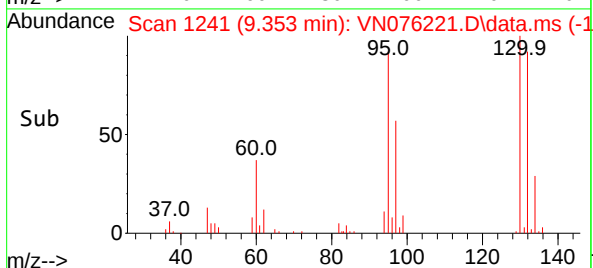
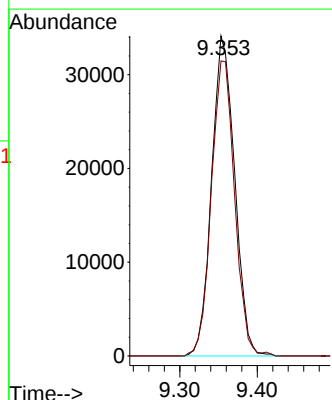
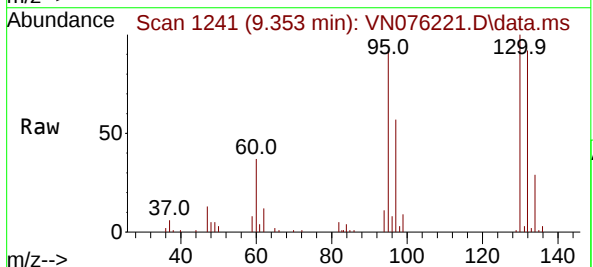
Manual Integrations
APPROVED

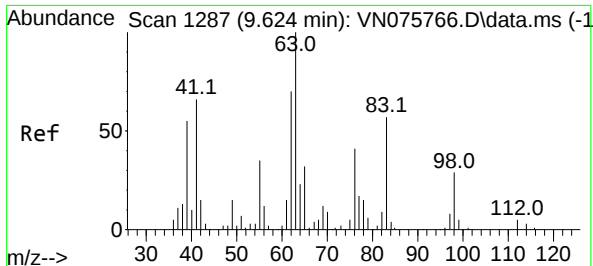
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#44
Trichloroethene
Concen: 16.792 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion:130 Resp: 70435
Ion Ratio Lower Upper
130 100
95 92.2 0.0 195.4





#45

1,2-Dichloropropane

Concen: 16.382 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion: 63 Resp: 59350

Ion Ratio Lower Upper

63 100

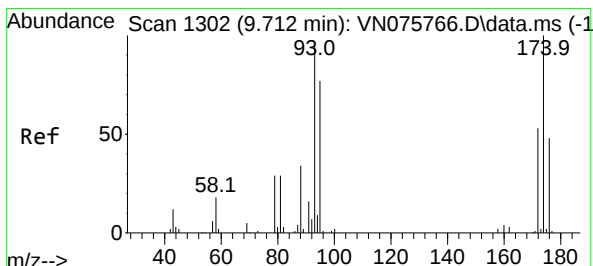
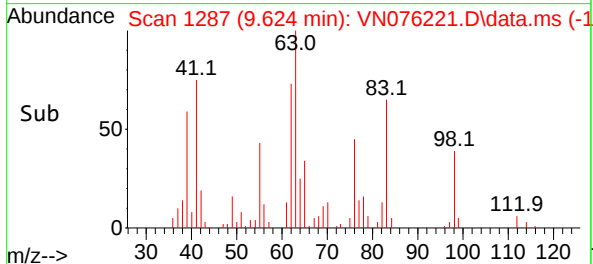
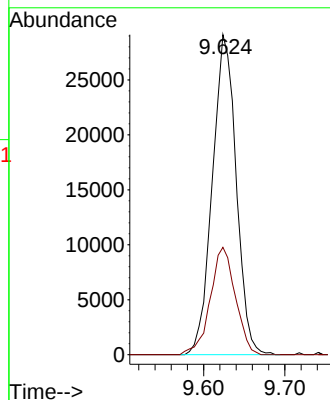
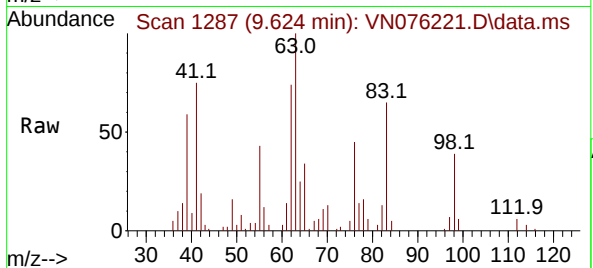
65 33.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#46

Dibromomethane

Concen: 16.877 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

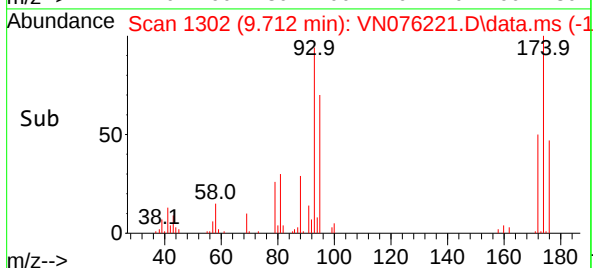
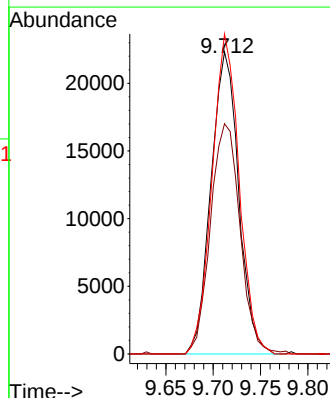
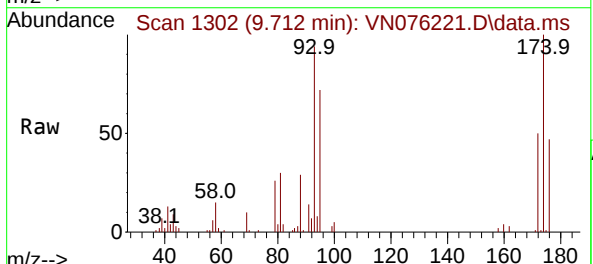
Tgt Ion: 93 Resp: 45353

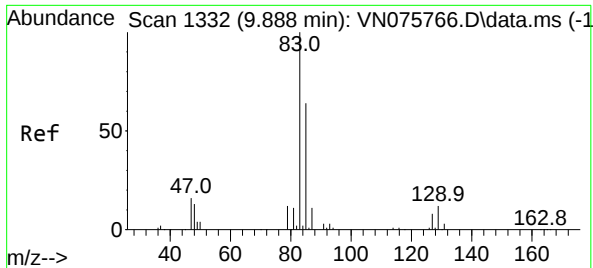
Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

174 104.0 82.4 123.6





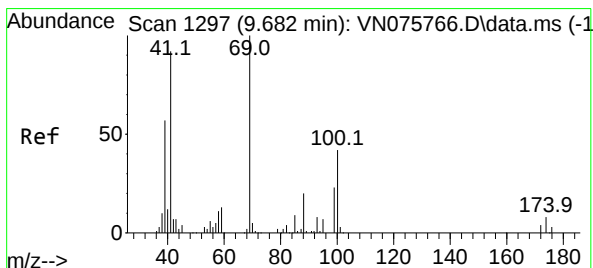
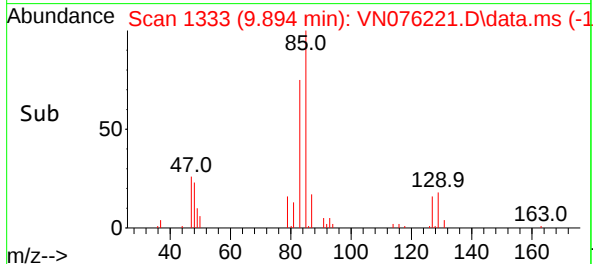
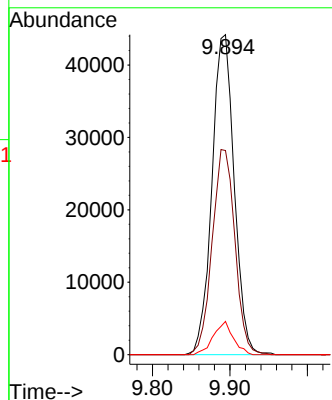
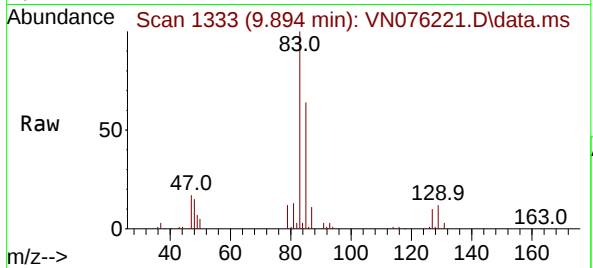
#47
Bromodichloromethane
Concen: 16.740 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 83 Resp: 88218
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3
127 10.4 6.6 10.0

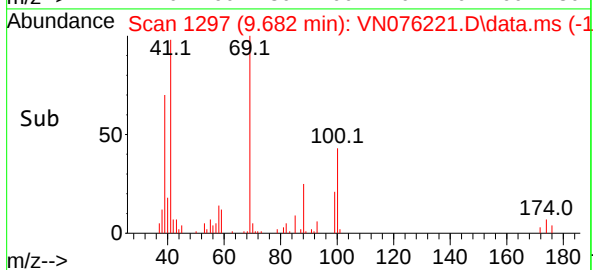
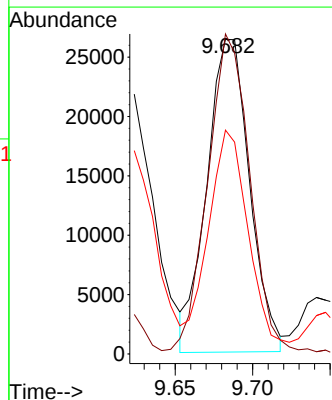
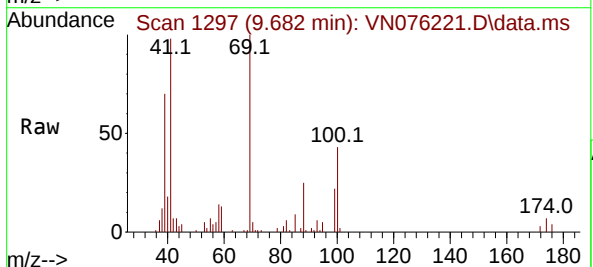
Manual Integrations
APPROVED

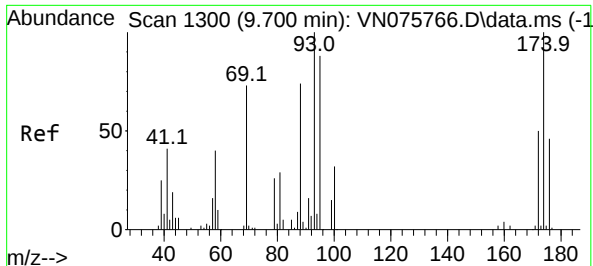
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#48
Methyl methacrylate
Concen: 17.568 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 41 Resp: 50594
Ion Ratio Lower Upper
41 100
69 102.2 81.9 122.9
39 68.7 51.6 77.4





#49

1,4-Dioxane

Concen: 334.281 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion: 88 Resp: 2366

Ion Ratio Lower Upper

88 100

43 27.2 17.1 25.7

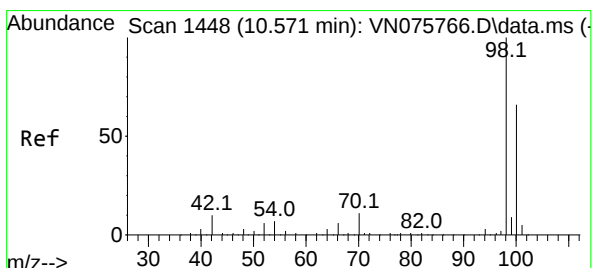
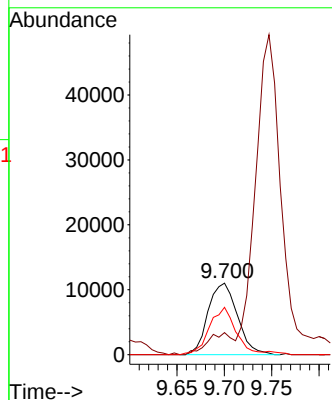
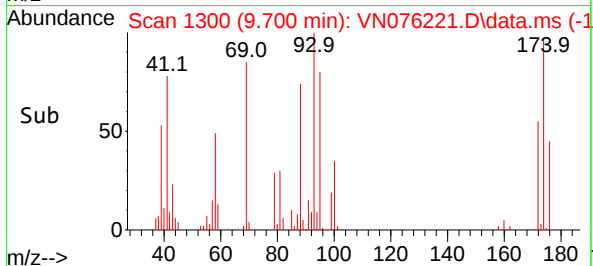
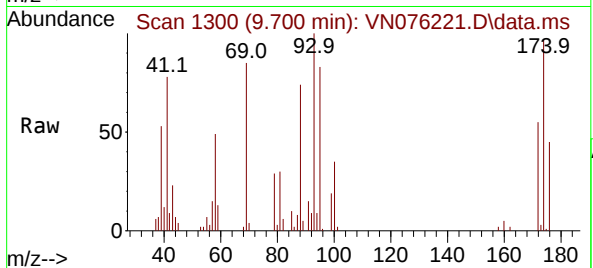
58 61.7 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

Toluene-d8

Concen: 45.598 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076221.D

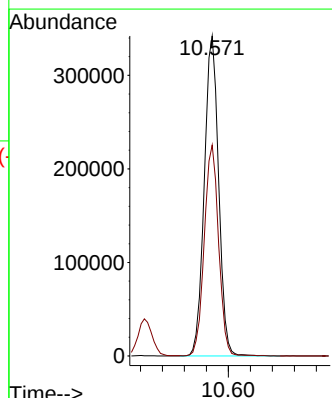
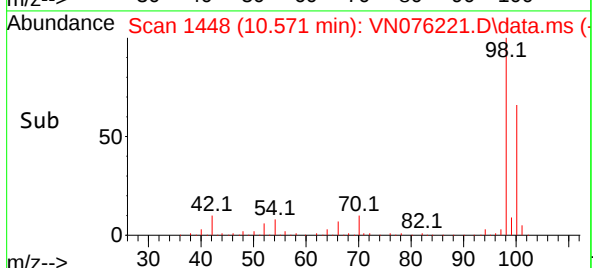
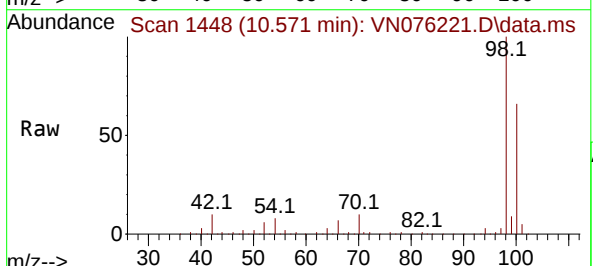
Acq: 12 Jan 2023 11:15

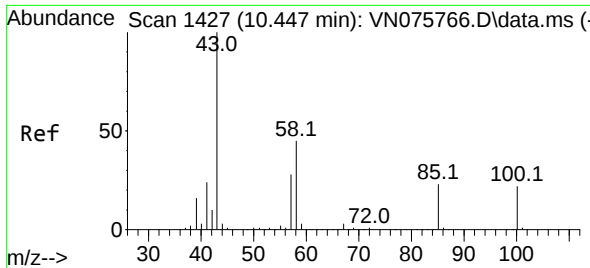
Tgt Ion: 98 Resp: 619334

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1





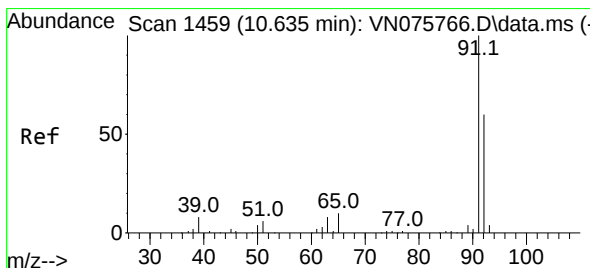
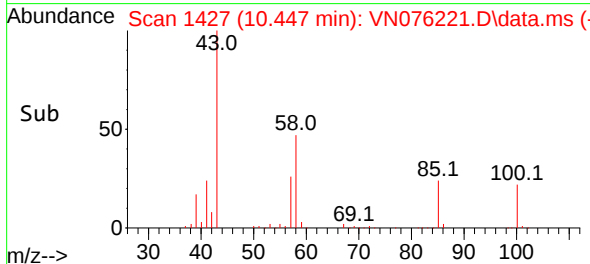
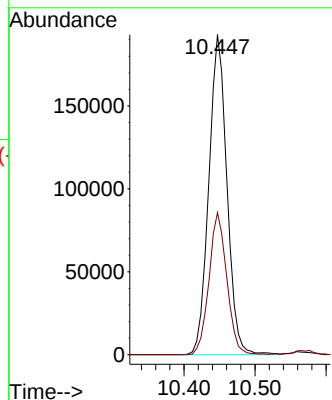
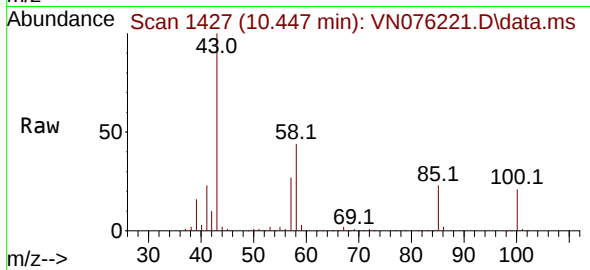
#51
4-Methyl-2-Pentanone
Concen: 88.536 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 43 Resp: 342362
Ion Ratio Lower Upper
43 100
58 43.6 35.5 53.3

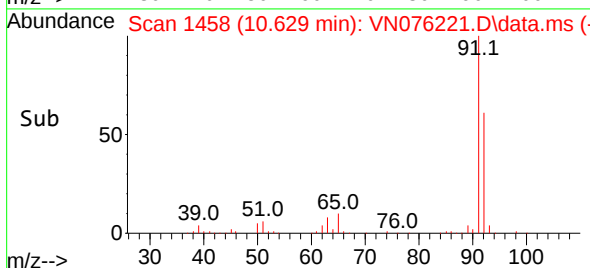
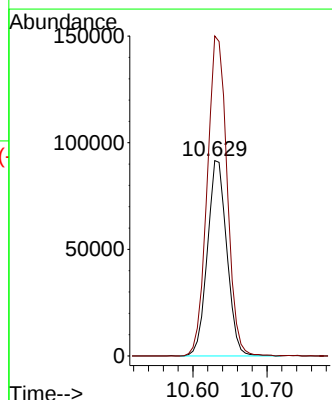
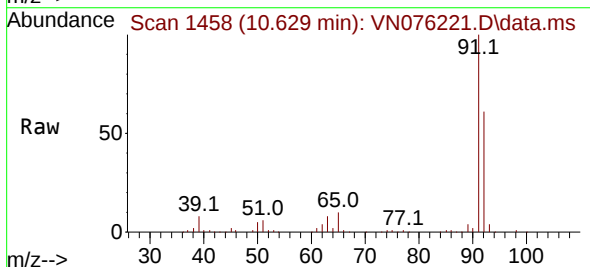
Manual Integrations
APPROVED

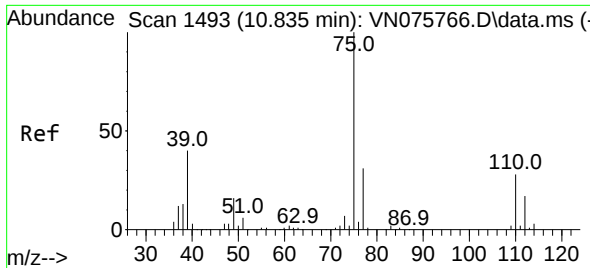
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#52
Toluene
Concen: 17.214 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 92 Resp: 166922
Ion Ratio Lower Upper
92 100
91 167.5 137.3 205.9





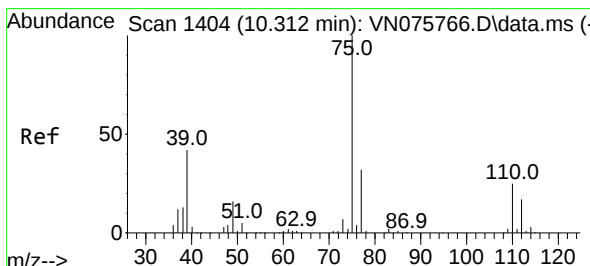
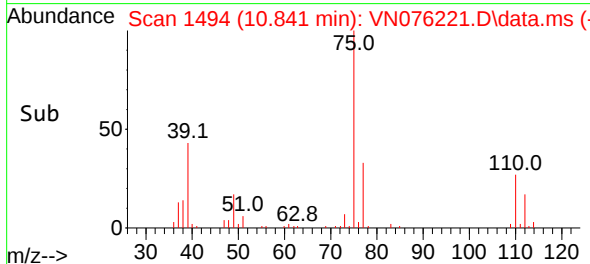
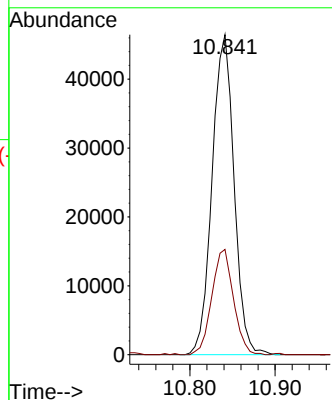
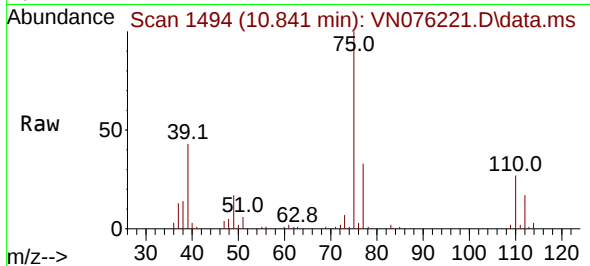
#53
t-1,3-Dichloropropene
Concen: 16.107 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 75 Resp: 8309
Ion Ratio Lower Upper
75 100
77 32.9 24.9 37.3

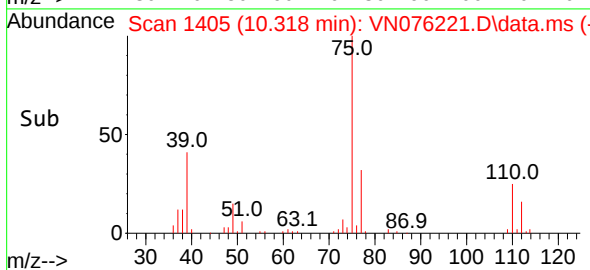
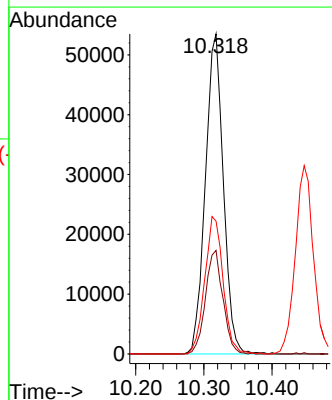
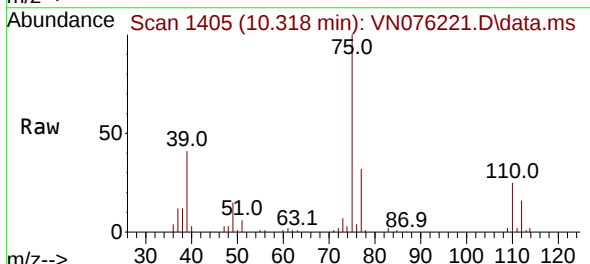
Manual Integrations
APPROVED

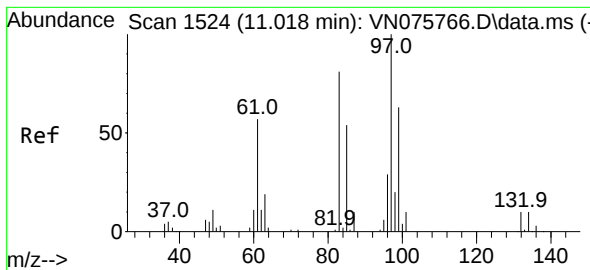
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#54
cis-1,3-Dichloropropene
Concen: 17.345 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

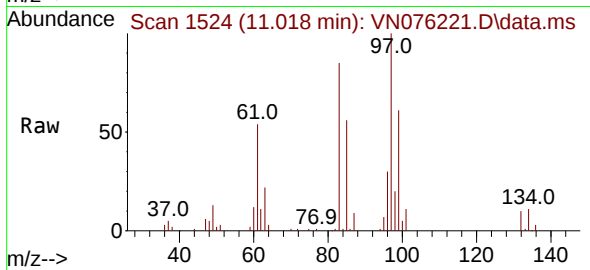
Tgt Ion: 75 Resp: 98242
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
39 41.5 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 17.043 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

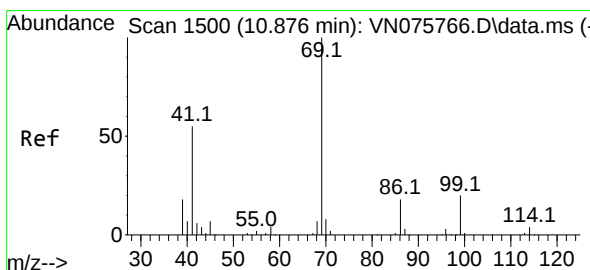
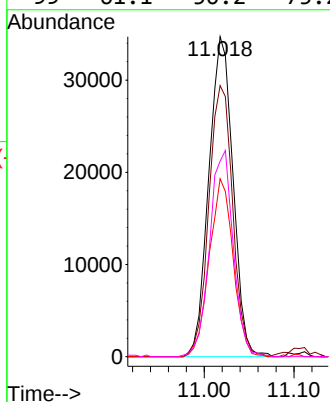
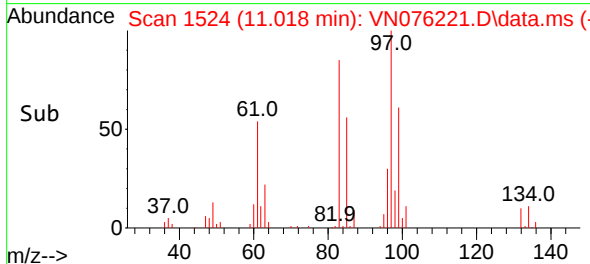


Tgt Ion: 97 Resp: 64860

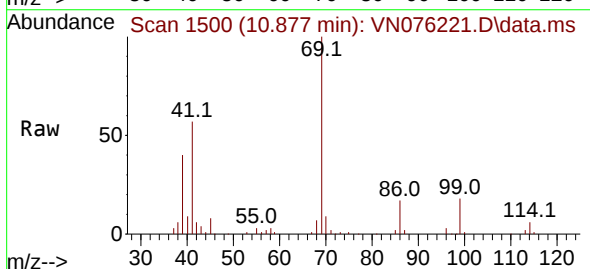
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.0	97.4
85	55.6	43.0	64.6
99	61.1	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

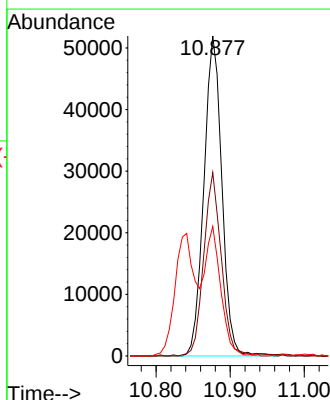
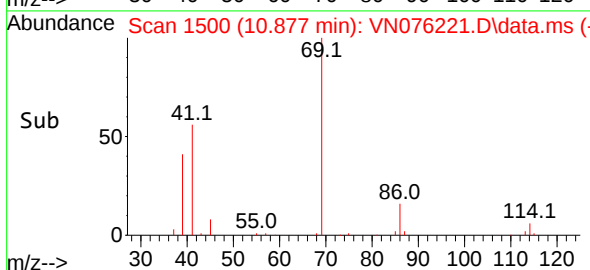


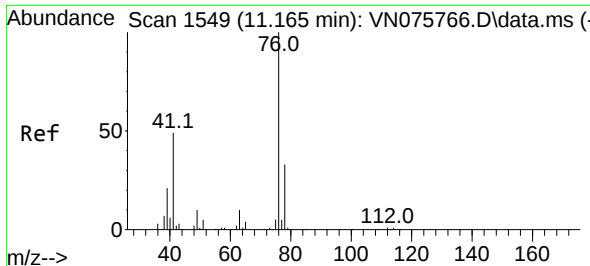
#56
Ethyl methacrylate
Concen: 17.305 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15



Tgt Ion: 69 Resp: 87486

Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.2	66.4
39	35.0	26.4	39.6





#57

1,3-Dichloropropane

Concen: 17.109 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion: 76 Resp: 10681

Ion Ratio Lower Upper

76 100

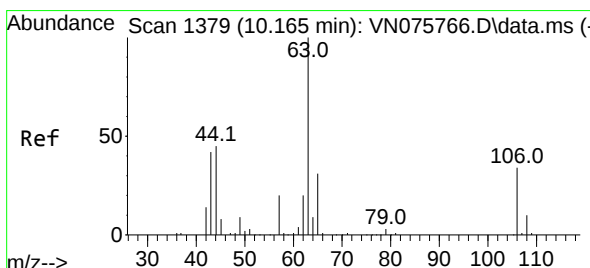
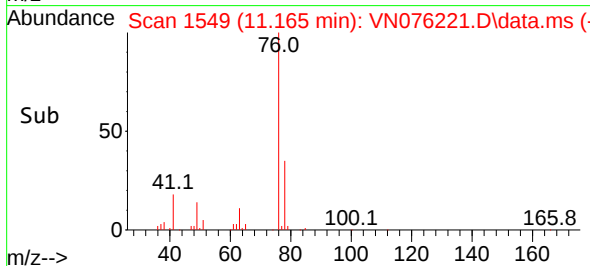
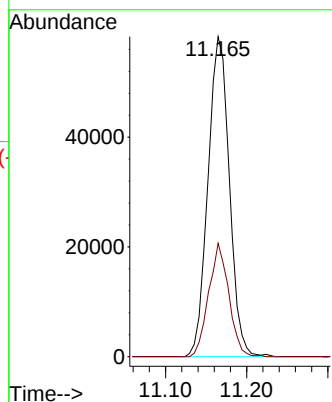
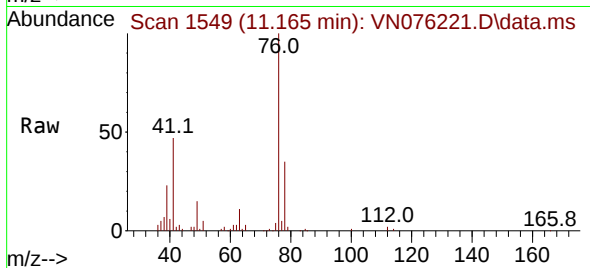
78 33.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 61.360 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076221.D

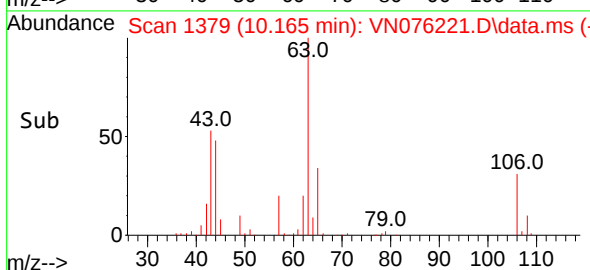
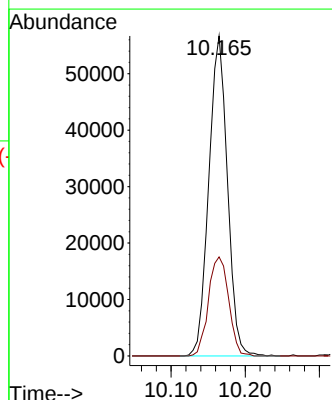
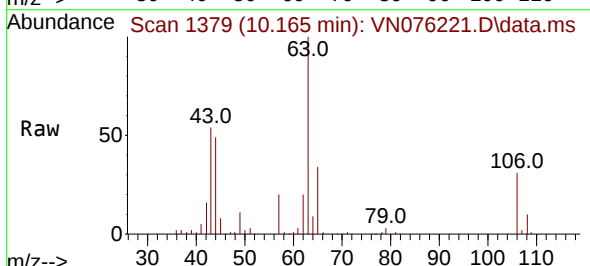
Acq: 12 Jan 2023 11:15

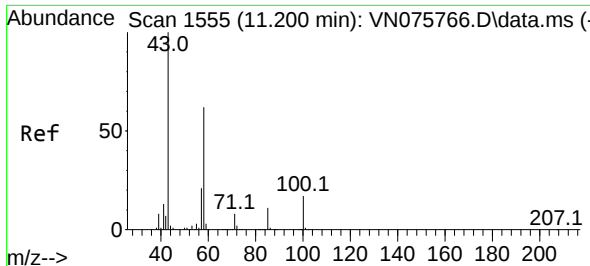
Tgt Ion: 63 Resp: 98764

Ion Ratio Lower Upper

63 100

106 33.6 26.4 39.6





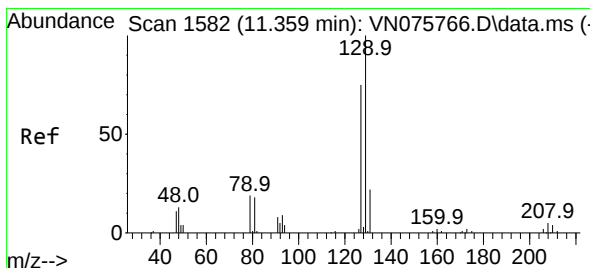
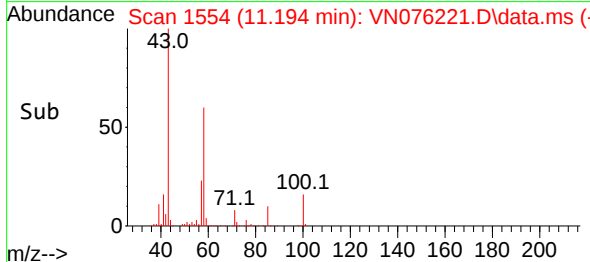
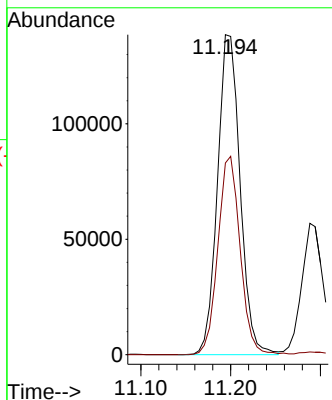
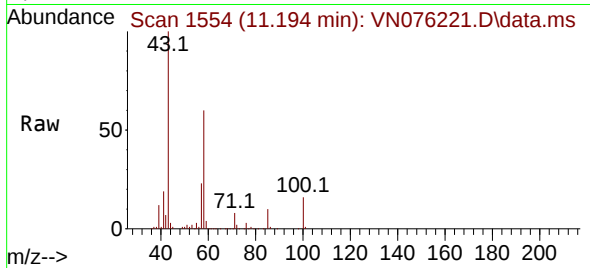
#59
2-Hexanone
Concen: 86.045 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 43 Resp: 24264
Ion Ratio Lower Upper
43 100
58 61.1 30.6 92.0

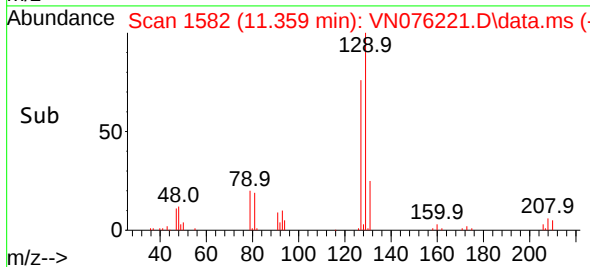
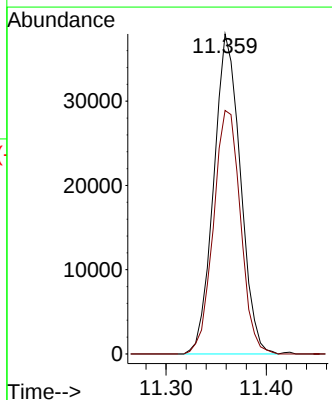
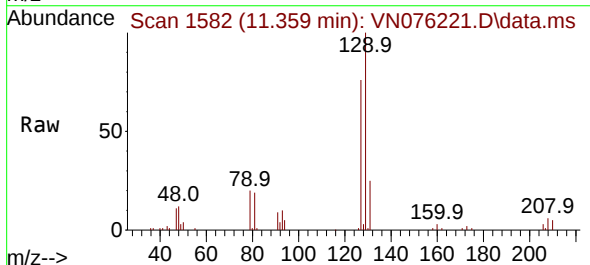
Manual Integrations
APPROVED

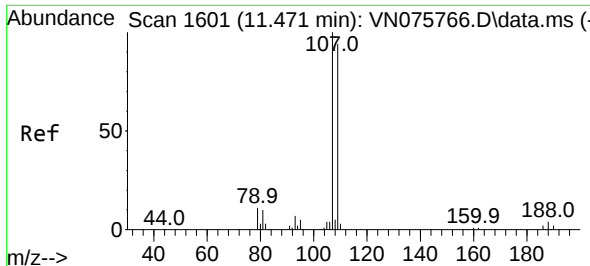
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#60
Dibromochloromethane
Concen: 16.562 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion:129 Resp: 70104
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9





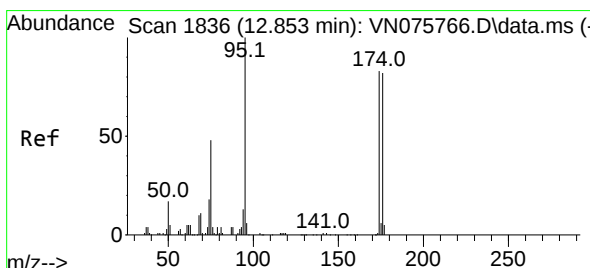
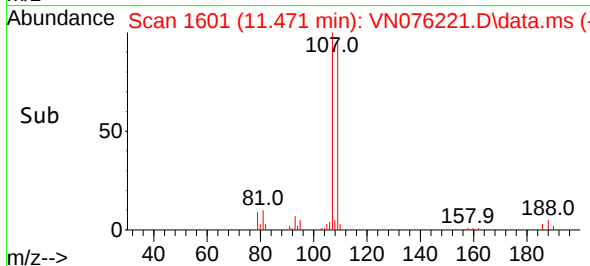
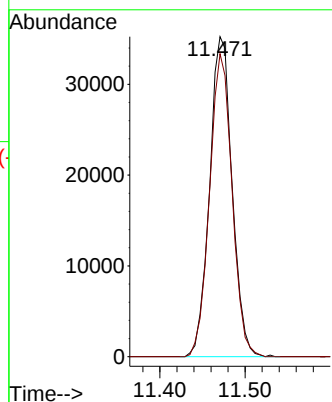
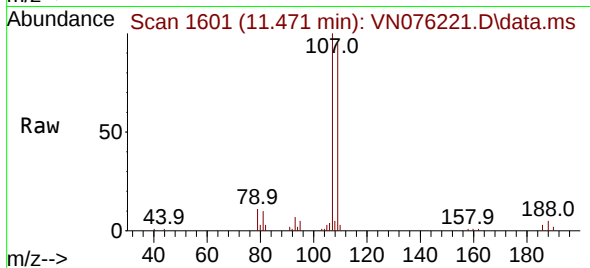
#61
1,2-Dibromoethane
Concen: 16.790 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion:107 Resp: 64669
Ion Ratio Lower Upper
107 100
109 94.3 74.8 112.2

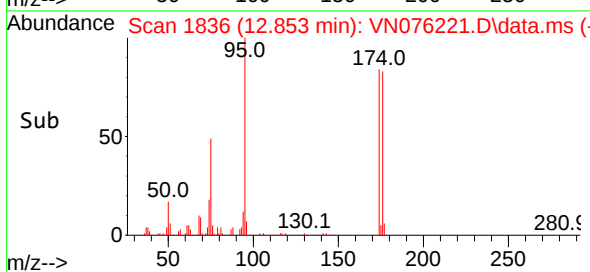
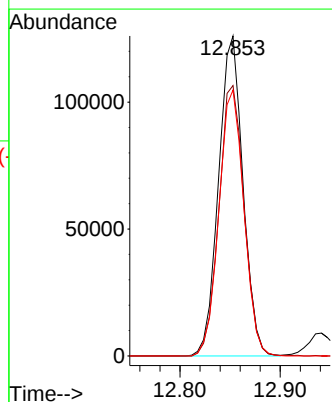
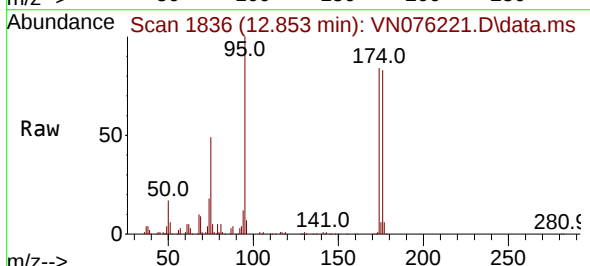
Manual Integrations
APPROVED

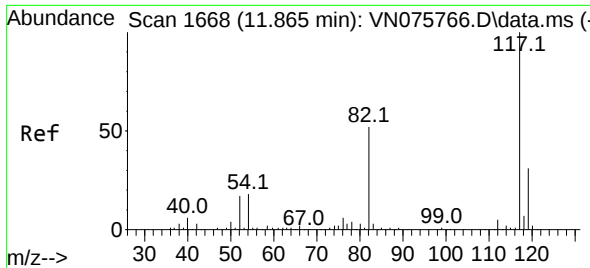
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#62
4-Bromofluorobenzene
Concen: 47.329 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

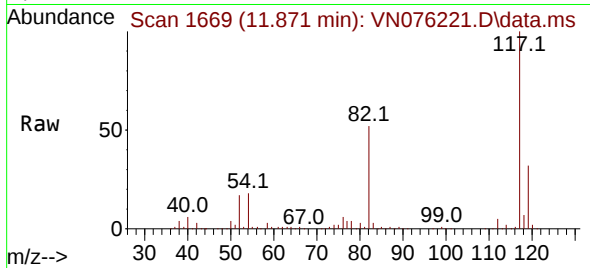
Tgt Ion: 95 Resp: 212916
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 85.0 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

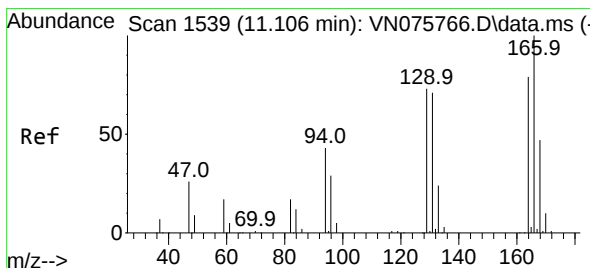
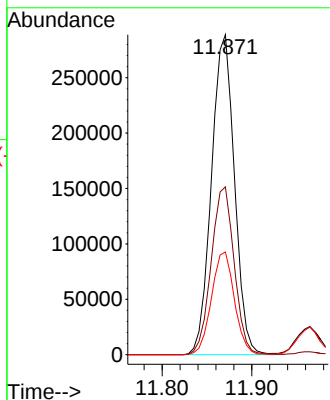
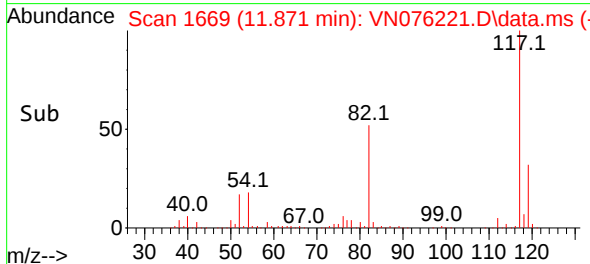
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



Tgt Ion:117 Resp: 514395
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.1 24.6 37.0

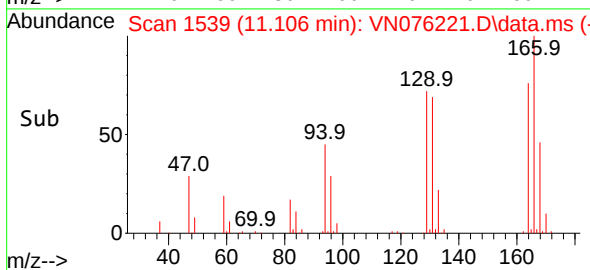
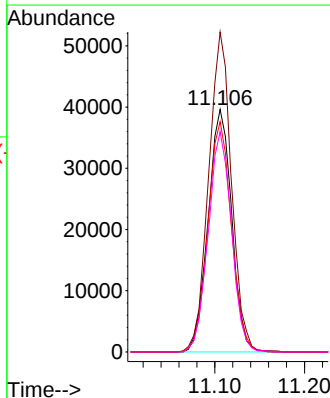
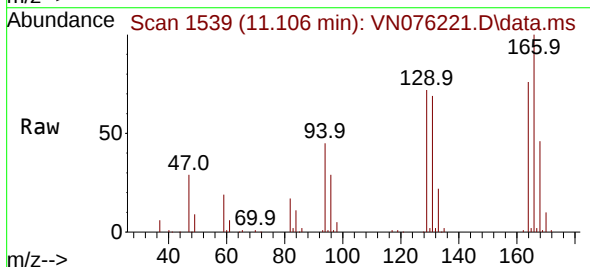
Manual Integrations
APPROVED

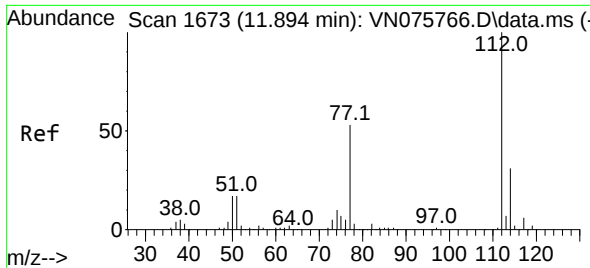
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#64
Tetrachloroethene
Concen: 19.969 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

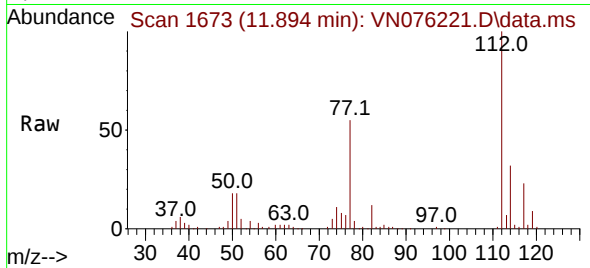
Tgt Ion:164 Resp: 72283
Ion Ratio Lower Upper
164 100
166 131.9 101.9 152.9
129 95.0 74.2 111.2
131 90.9 72.4 108.6





#65
Chlorobenzene
Concen: 16.843 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

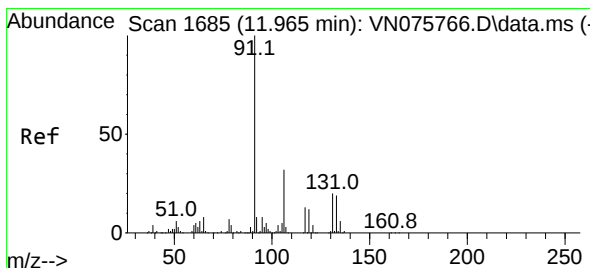
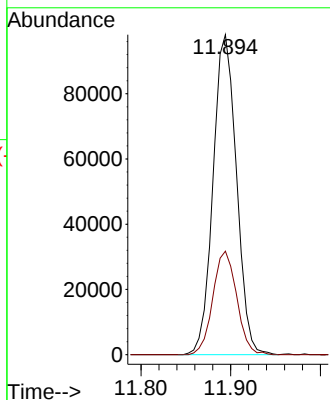
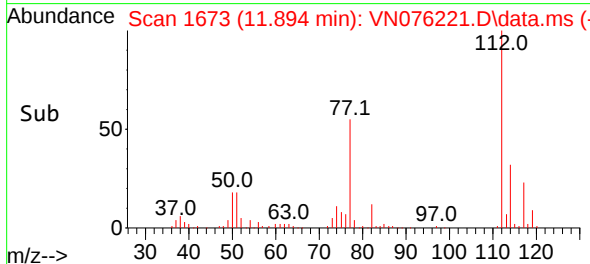
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



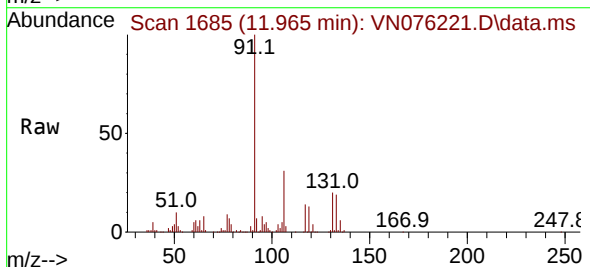
Tgt Ion:112 Resp: 177828
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1

Manual Integrations
APPROVED

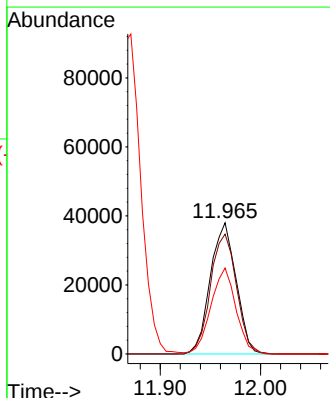
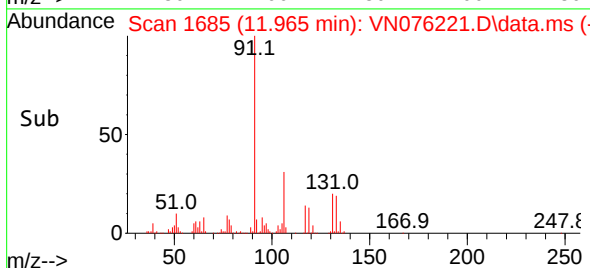
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

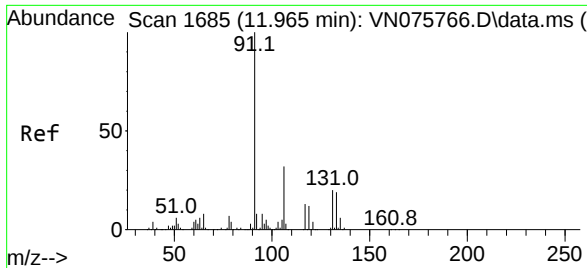


#66
1,1,1,2-Tetrachloroethane
Concen: 17.379 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15



Tgt Ion:131 Resp: 67963
Ion Ratio Lower Upper
131 100
133 92.6 47.5 142.5
119 63.4 31.9 95.7





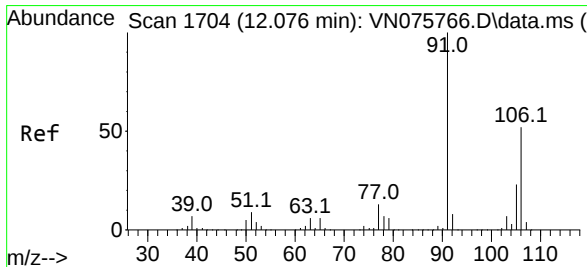
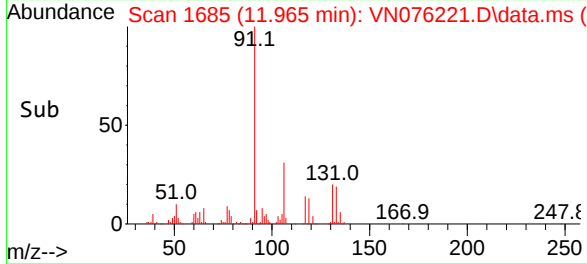
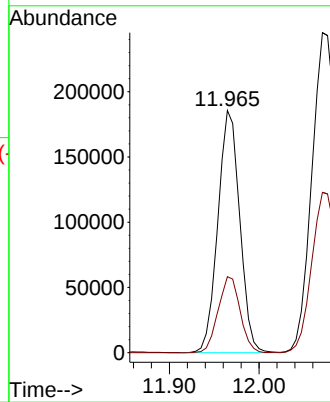
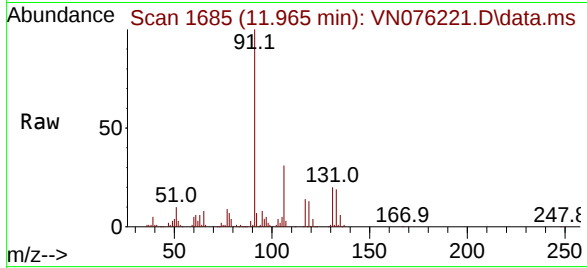
#67
Ethyl Benzene
Concen: 17.633 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 91 Resp: 314200
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5

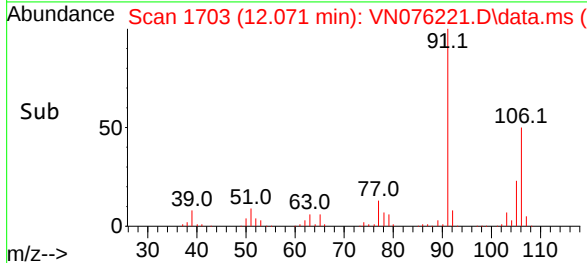
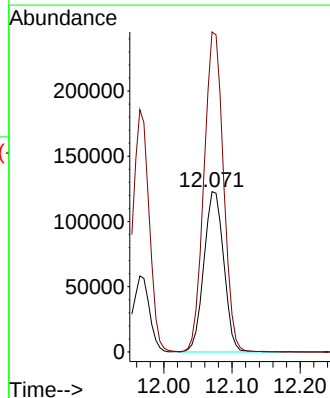
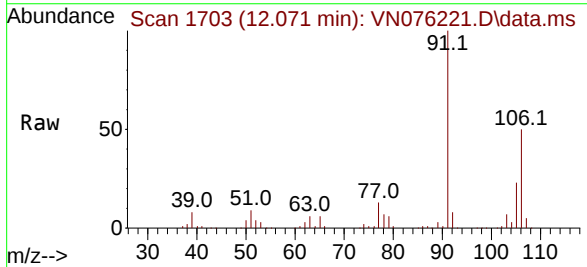
Manual Integrations
APPROVED

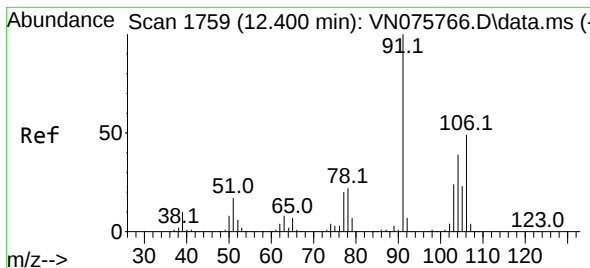
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#68
m/p-Xylenes
Concen: 35.254 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion:106 Resp: 248637
Ion Ratio Lower Upper
106 100
91 195.9 156.6 235.0





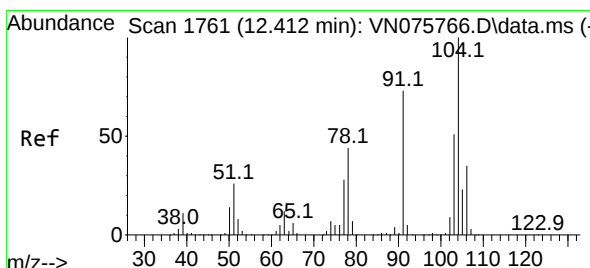
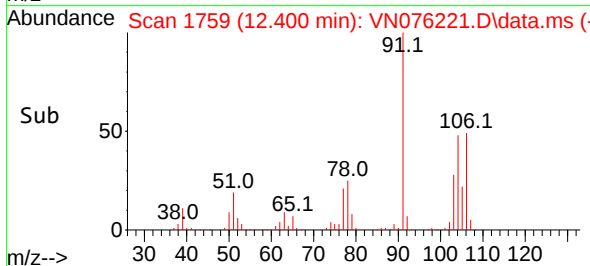
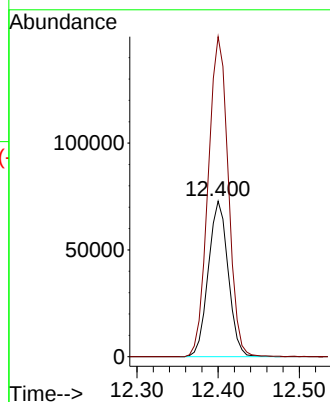
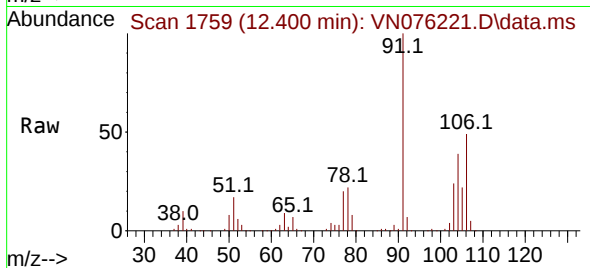
#69
o-Xylene
Concen: 17.704 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion:106 Resp: 123568
Ion Ratio Lower Upper
106 100
91 208.6 103.8 311.6

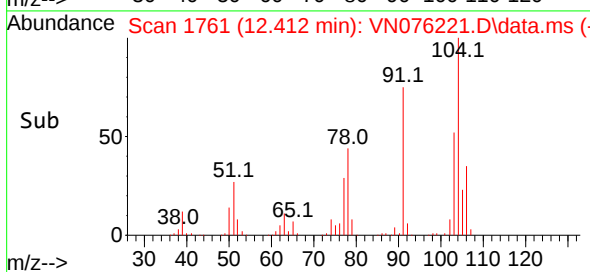
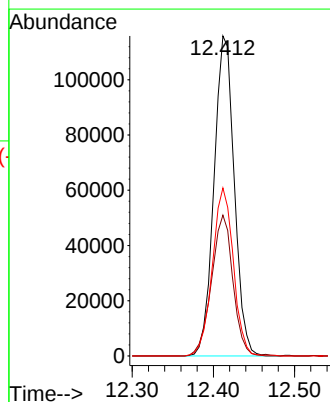
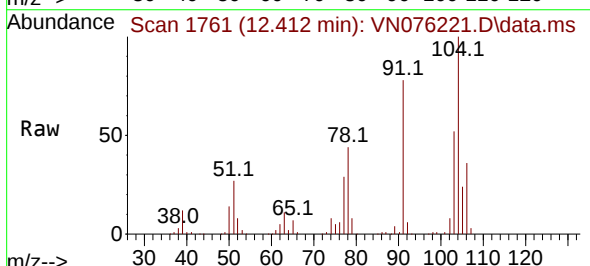
Manual Integrations
APPROVED

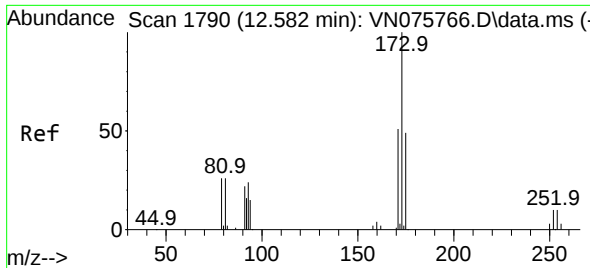
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#70
Styrene
Concen: 18.161 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

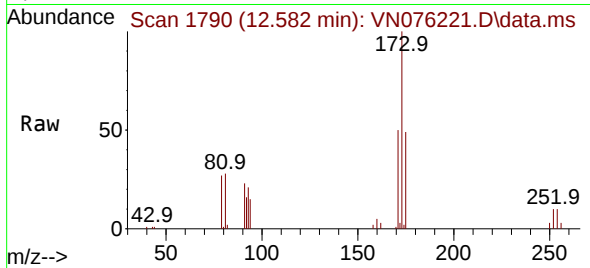
Tgt Ion:104 Resp: 201537
Ion Ratio Lower Upper
104 100
78 46.2 37.5 56.3
103 54.3 43.5 65.3





#71
Bromoform
Concen: 16.951 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

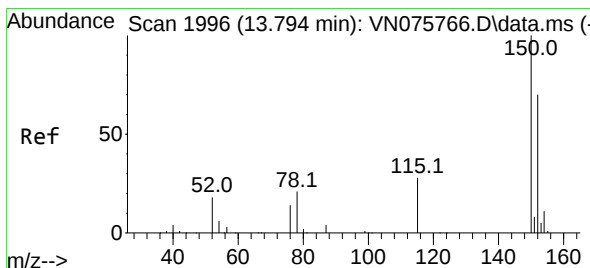
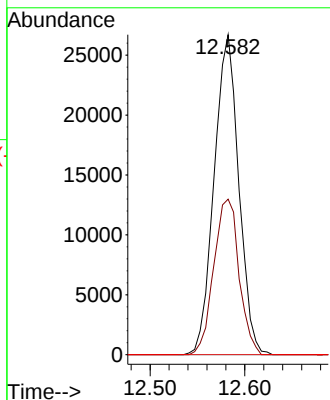
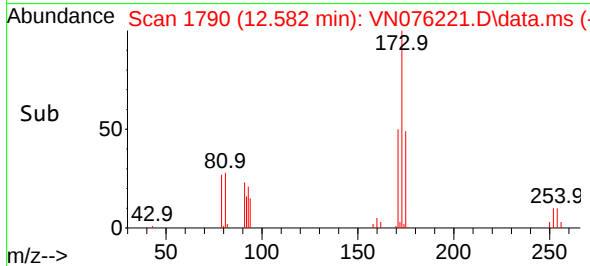
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



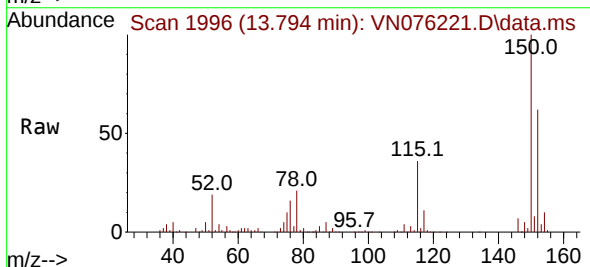
Tgt Ion:173 Resp: 48230
Ion Ratio Lower Upper
173 100
175 49.9 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

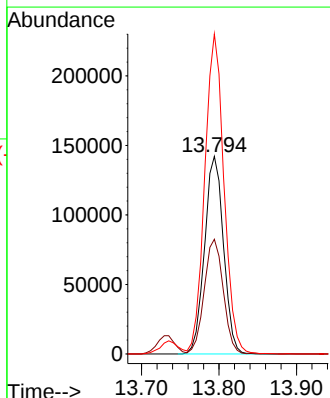
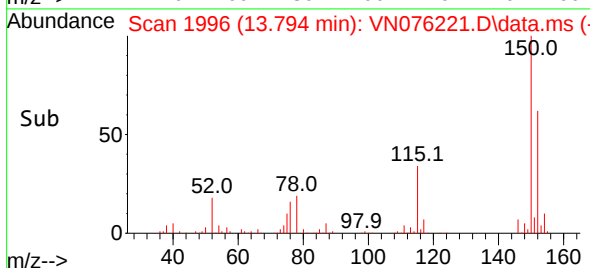
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

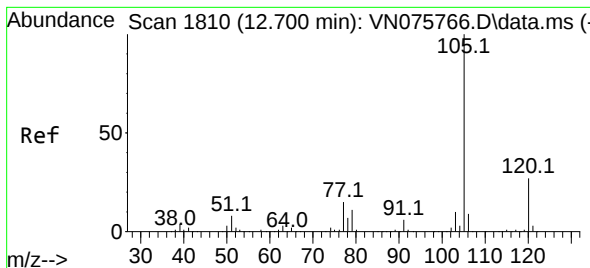


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15



Tgt Ion:152 Resp: 241454
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 164.1 0.0 347.0





#73

Isopropylbenzene

Concen: 18.389 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion:105 Resp: 320860

Ion Ratio Lower Upper

105 100

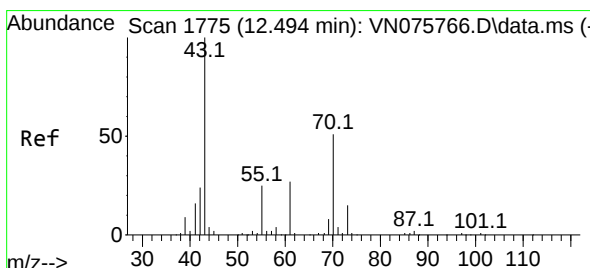
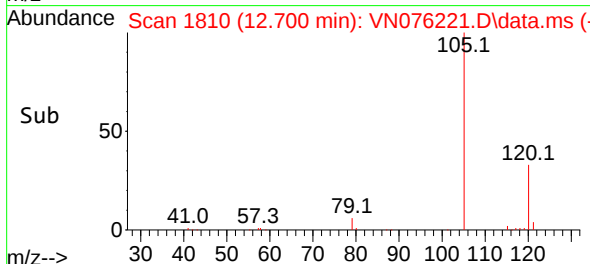
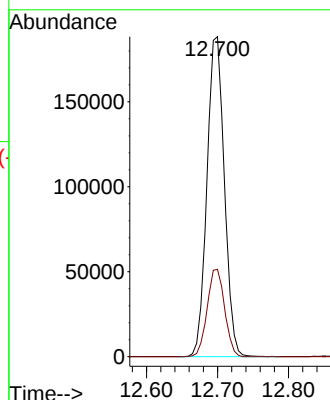
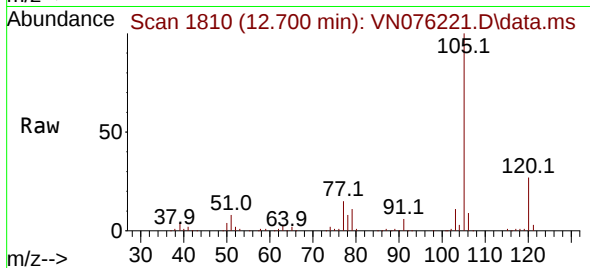
120 27.4 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#74

N-ethyl acetate

Concen: 17.509 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Tgt Ion: 43 Resp: 89624

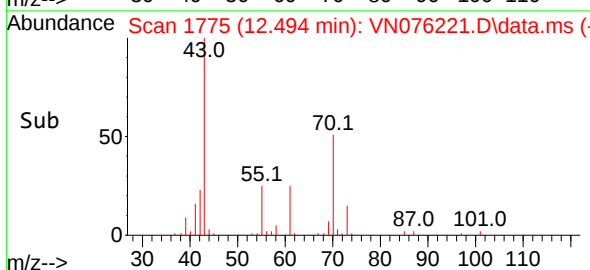
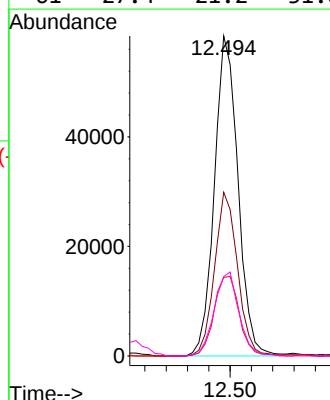
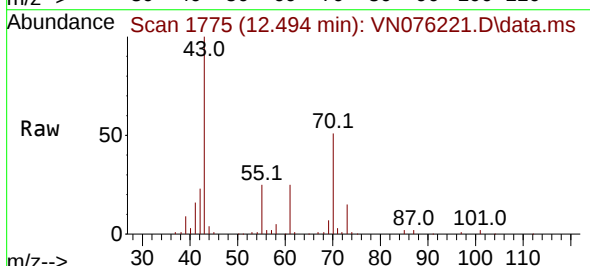
Ion Ratio Lower Upper

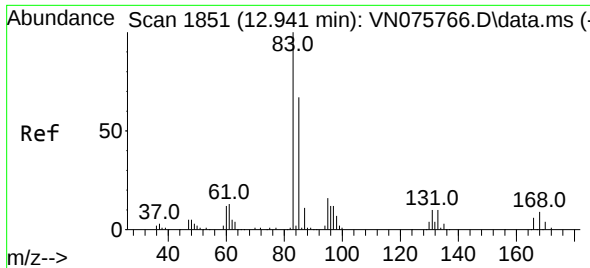
43 100

70 49.9 41.4 62.0

55 26.8 21.3 31.9

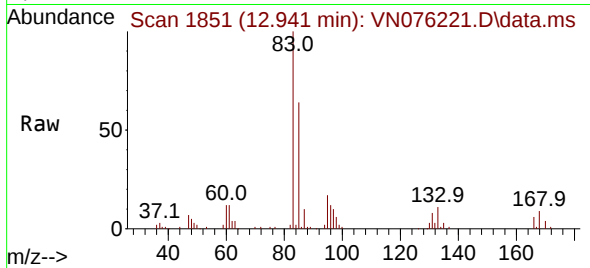
61 27.4 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 16.584 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

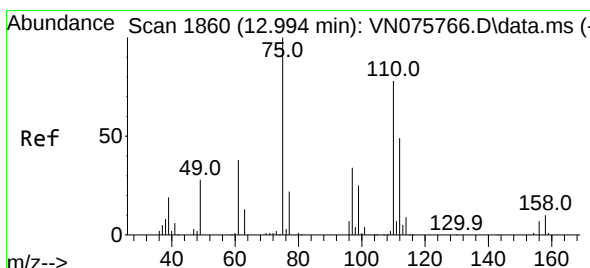
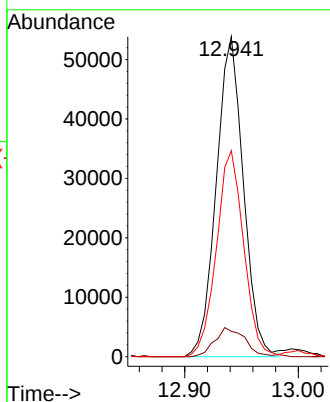
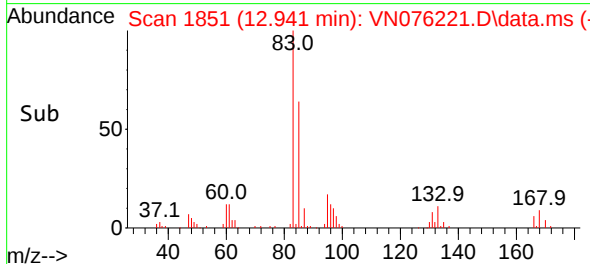
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



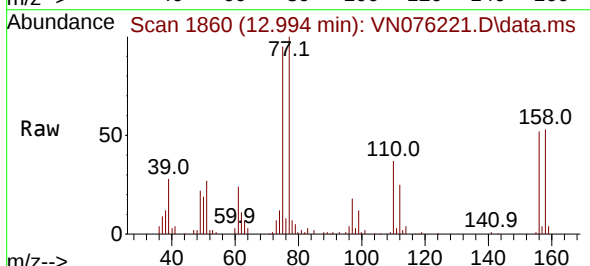
Tgt Ion: 83 Resp: 89452
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 64.6 32.6 98.0

Manual Integrations
APPROVED

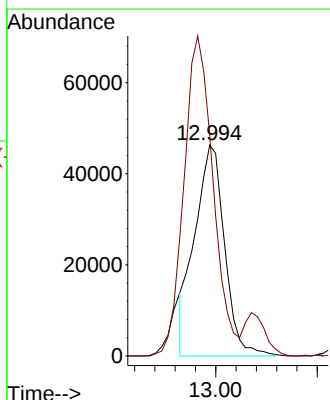
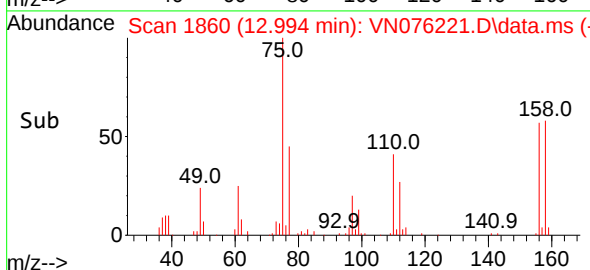
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

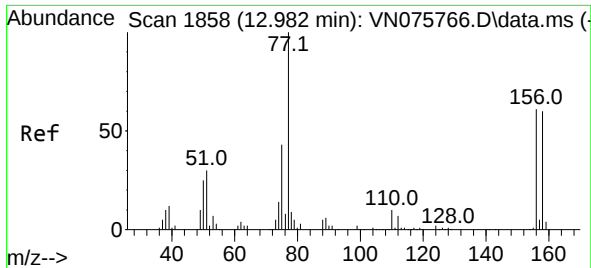


#76
1,2,3-Trichloropropane
Concen: 19.457 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15



Tgt Ion: 75 Resp: 94699
Ion Ratio Lower Upper
75 100
77 148.4 82.6 247.8





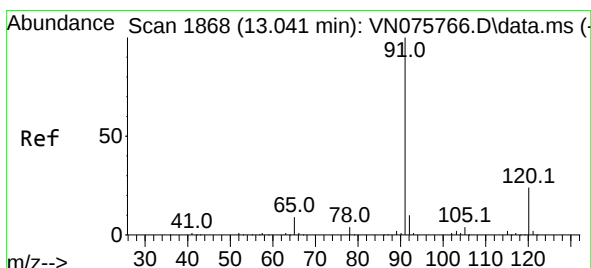
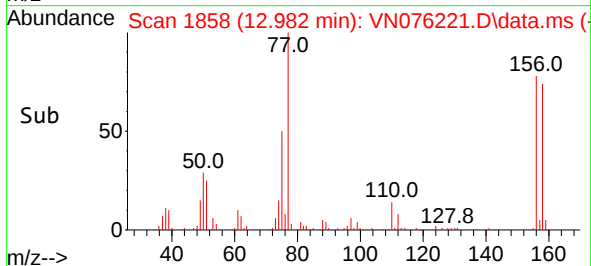
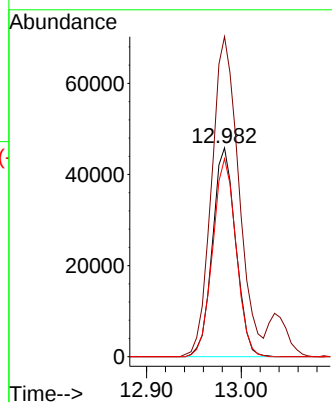
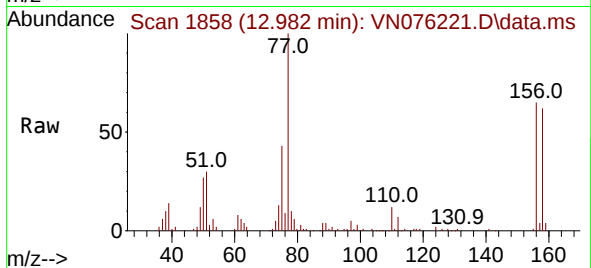
#77
Bromobenzene
Concen: 17.695 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion:156 Resp: 78138
Ion Ratio Lower Upper
156 100
77 179.9 93.8 281.3
158 95.6 48.9 146.6

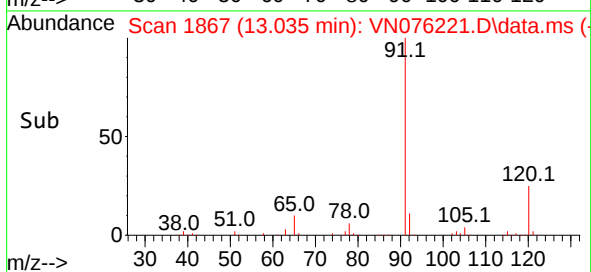
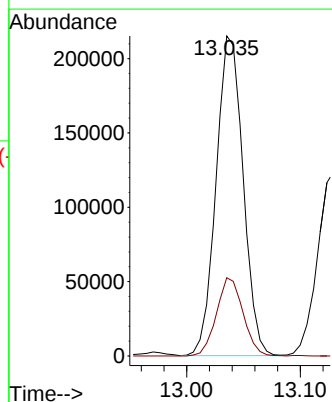
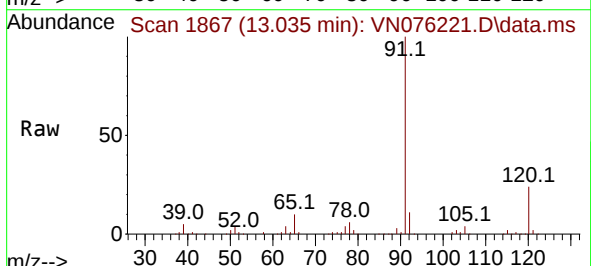
Manual Integrations
APPROVED

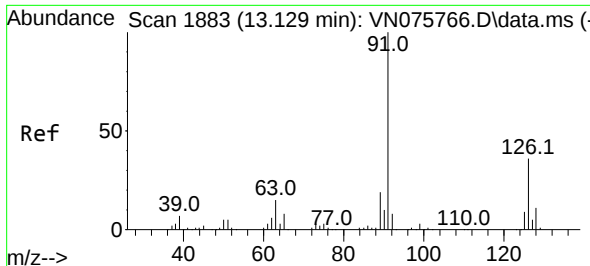
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#78
n-propylbenzene
Concen: 18.457 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 91 Resp: 355196
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.1





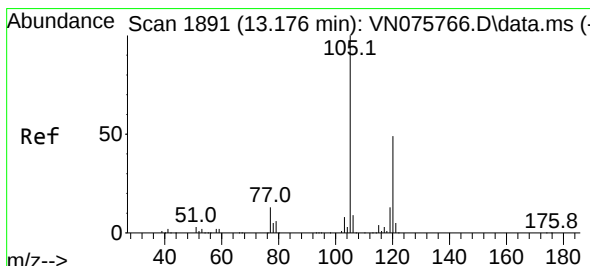
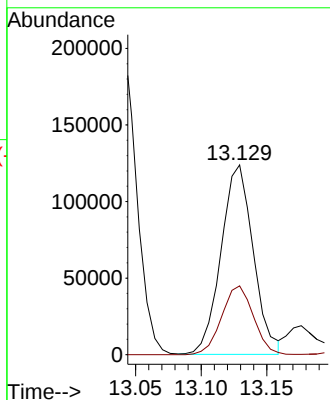
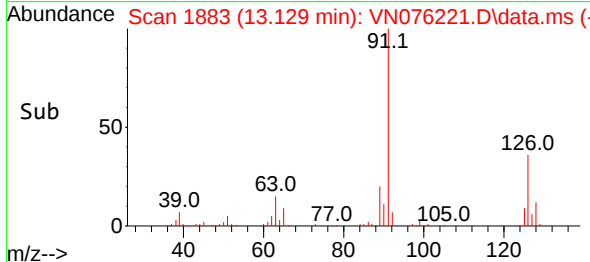
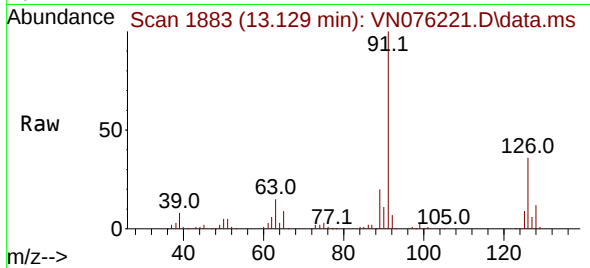
#79
2-Chlorotoluene
Concen: 17.643 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 91 Resp: 211944
Ion Ratio Lower Upper
91 100
126 35.8 17.5 52.5

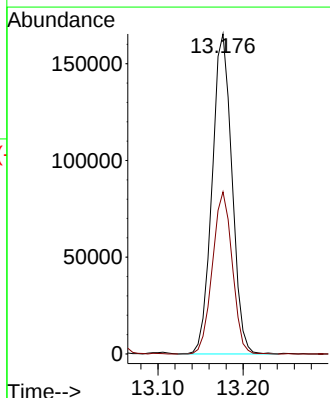
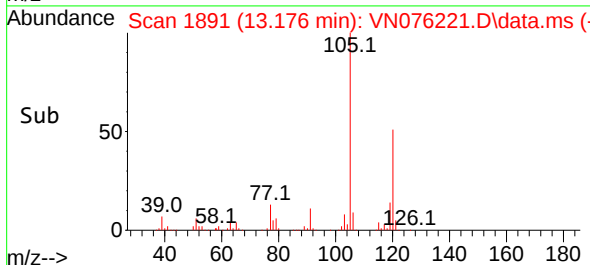
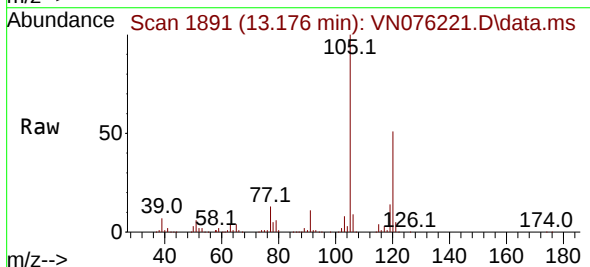
Manual Integrations
APPROVED

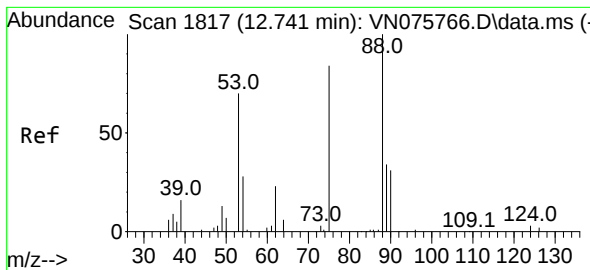
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.344 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion:105 Resp: 267883
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





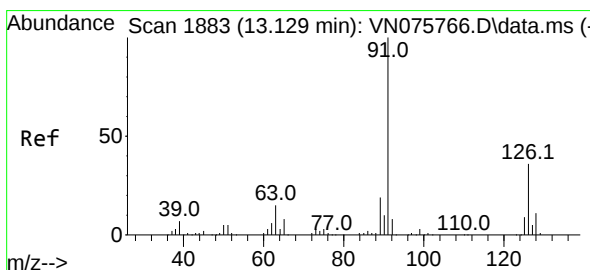
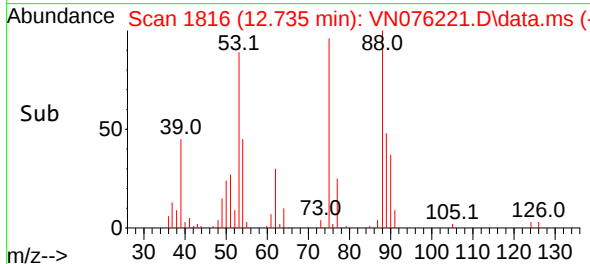
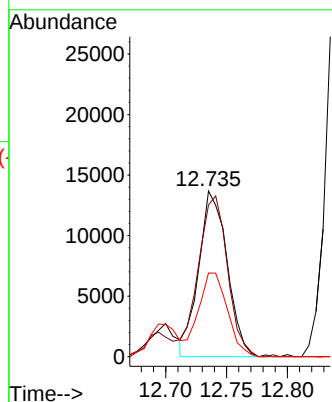
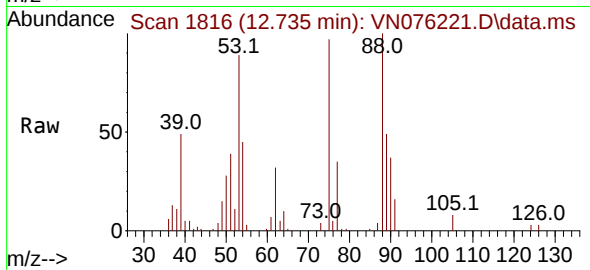
#81
trans-1,4-Dichloro-2-butene
Concen: 16.494 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion: 75 Resp: 2230
Ion Ratio Lower Upper
75 100
53 100.9 73.8 110.6
89 52.1 39.5 59.3

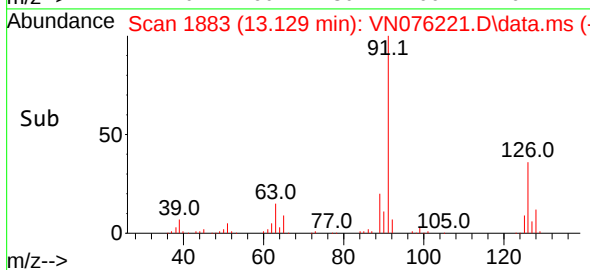
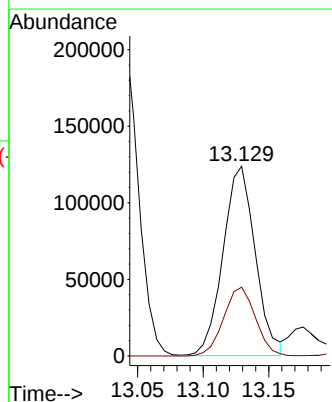
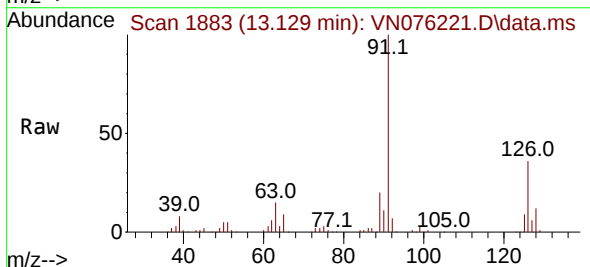
Manual Integrations
APPROVED

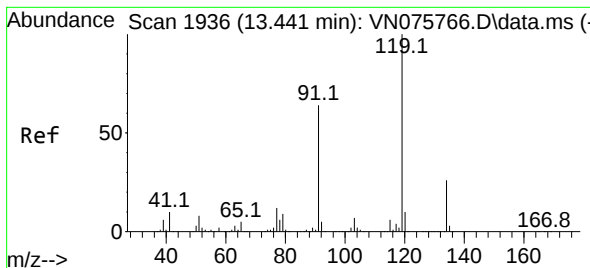
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#82
4-Chlorotoluene
Concen: 17.643 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion: 91 Resp: 211944
Ion Ratio Lower Upper
91 100
126 35.8 17.5 52.5





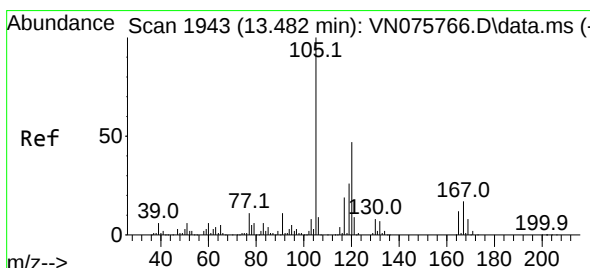
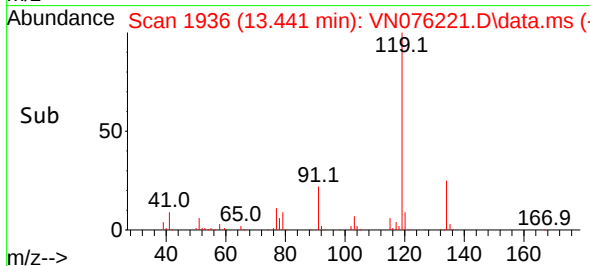
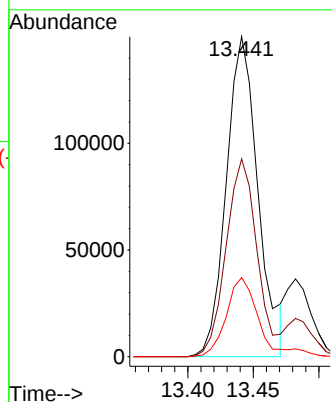
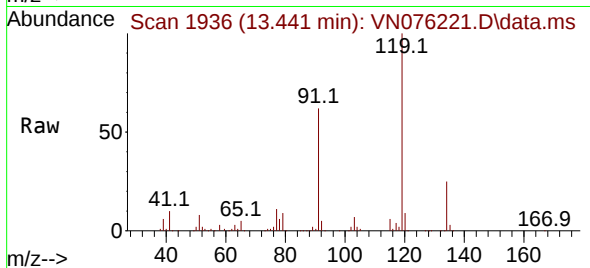
#83
tert-Butylbenzene
Concen: 19.596 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01

Tgt Ion:119 Resp: 25231
Ion Ratio Lower Upper
119 100
91 60.7 31.9 95.5
134 25.4 13.8 41.4

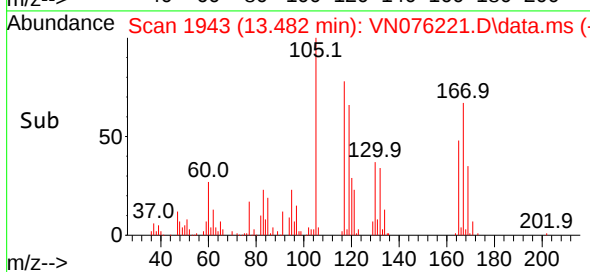
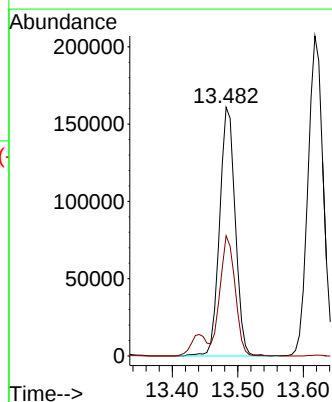
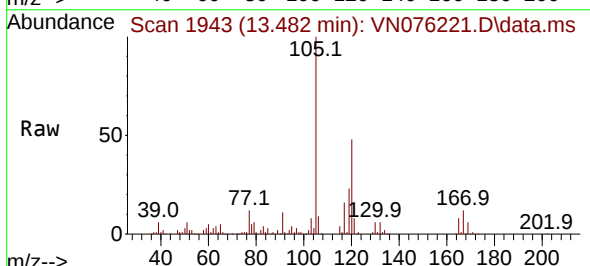
Manual Integrations
APPROVED

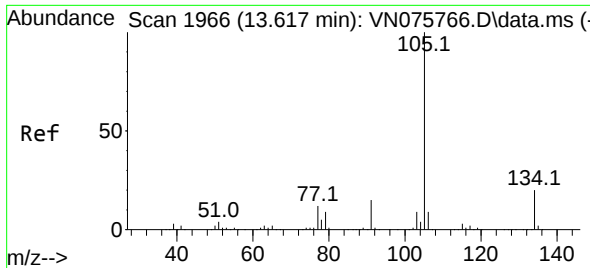
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.312 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

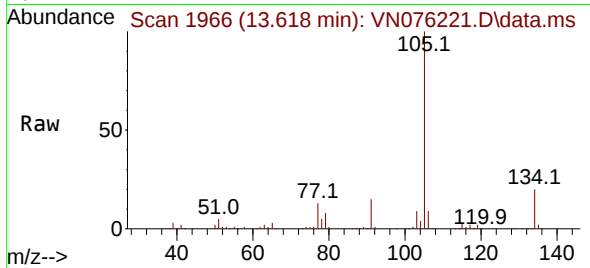
Tgt Ion:105 Resp: 265297
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 18.753 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076221.D
 Acq: 12 Jan 2023 11:15

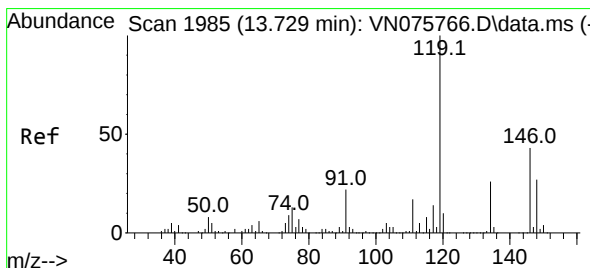
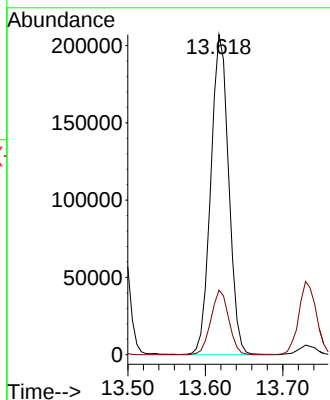
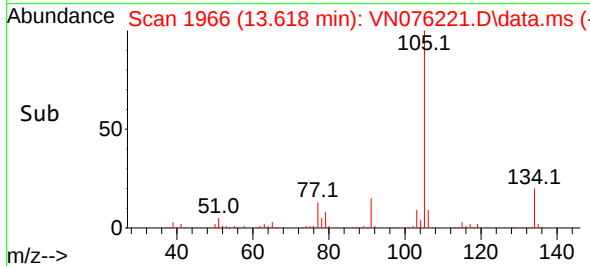
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS01



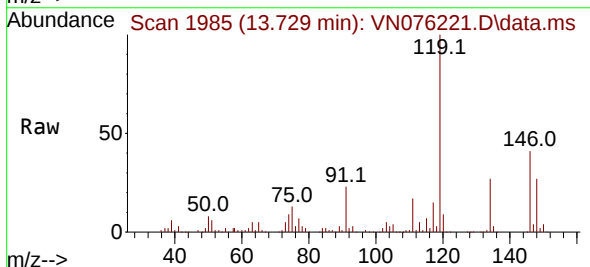
Tgt Ion:105 Resp: 33326
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
 APPROVED

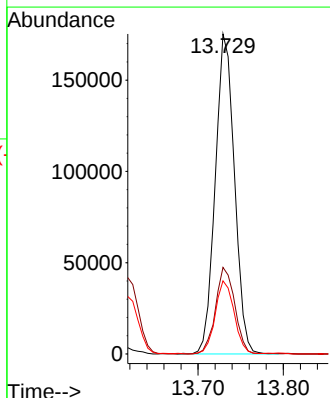
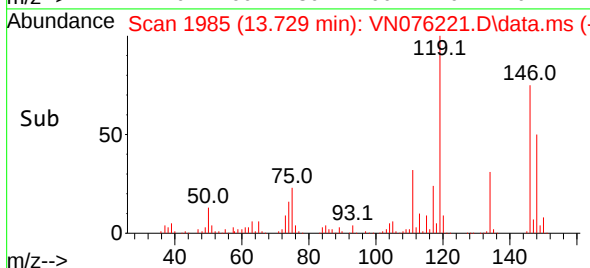
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

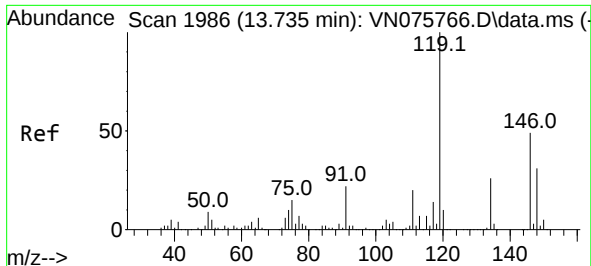


#86
 p-Isopropyltoluene
 Concen: 18.563 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076221.D
 Acq: 12 Jan 2023 11:15



Tgt Ion:119 Resp: 274502
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.0 39.0
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 17.011 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion:146 Resp: 138760

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

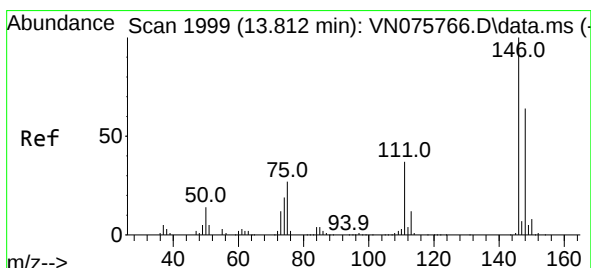
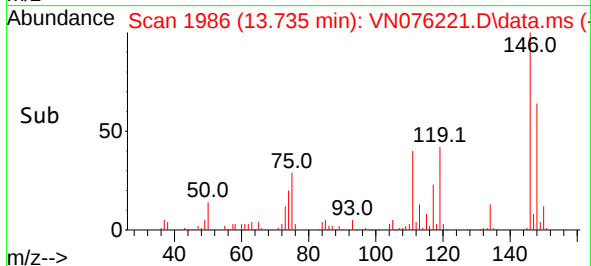
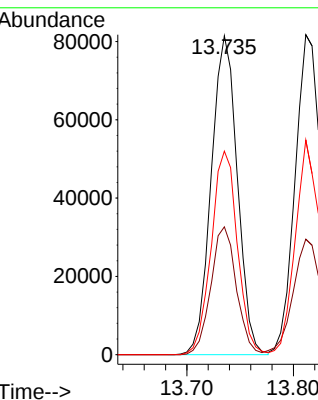
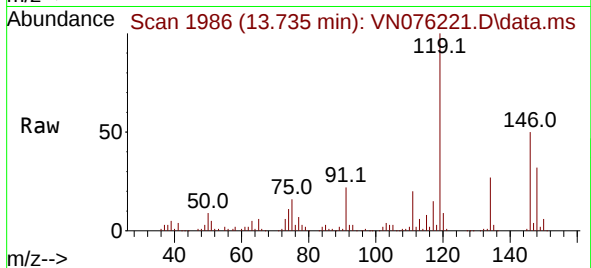
148 64.0 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#88

1,4-Dichlorobenzene

Concen: 16.745 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

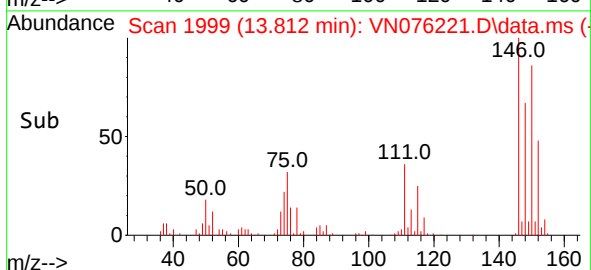
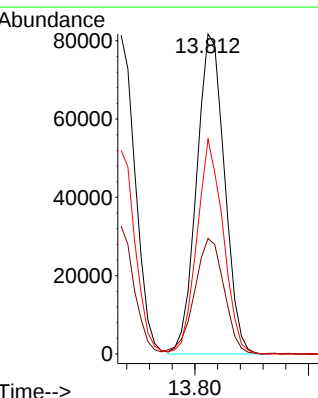
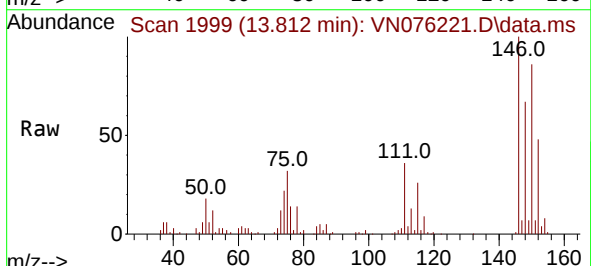
Tgt Ion:146 Resp: 139532

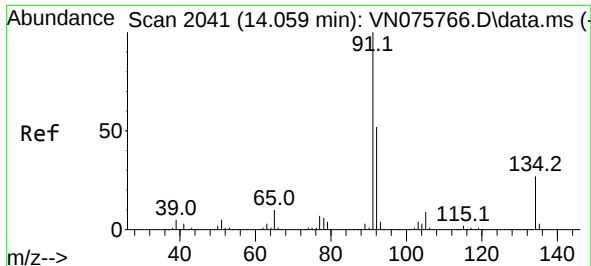
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 63.3 32.0 96.2





#89

n-Butylbenzene

Concen: 17.520 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

Tgt Ion: 91 Resp: 209880

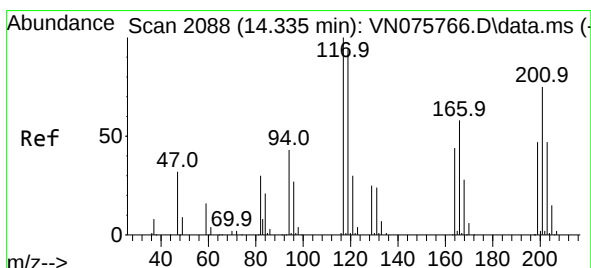
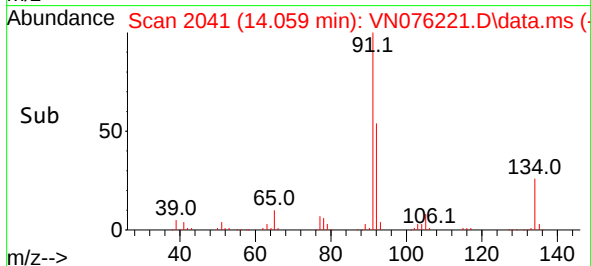
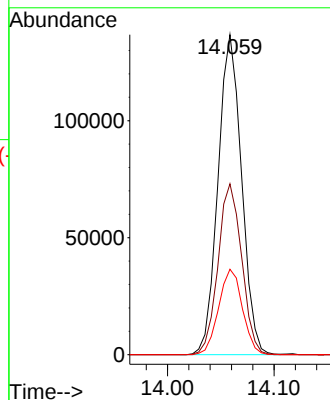
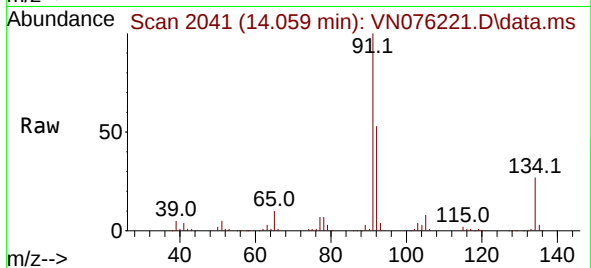
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.2
134	27.0	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#90

Hexachloroethane

Concen: 17.405 ug/l

RT: 14.335 min Scan# 2088

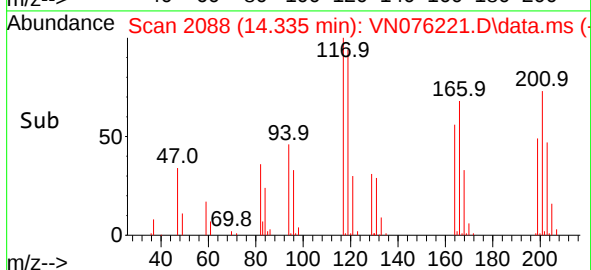
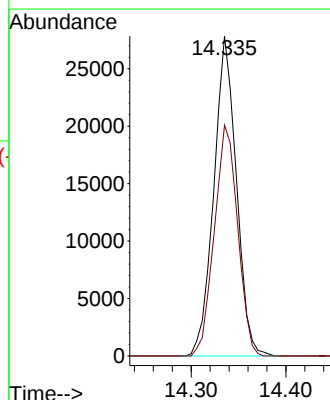
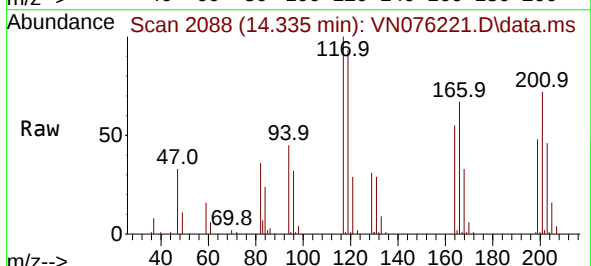
Delta R.T. 0.000 min

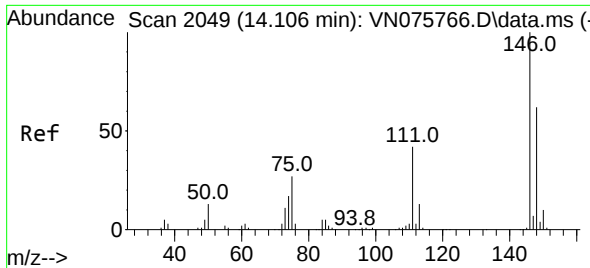
Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Tgt Ion:117 Resp: 46038

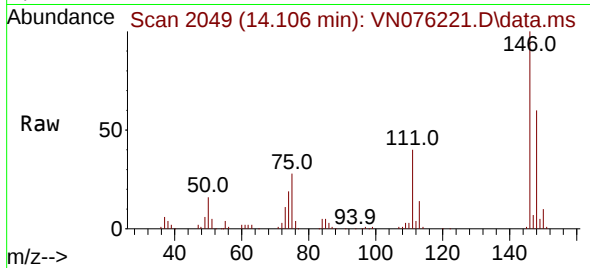
Ion	Ratio	Lower	Upper
117	100		
201	74.6	38.0	114.1





#91
1,2-Dichlorobenzene
Concen: 17.603 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

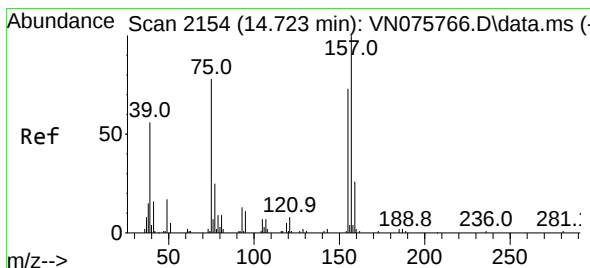
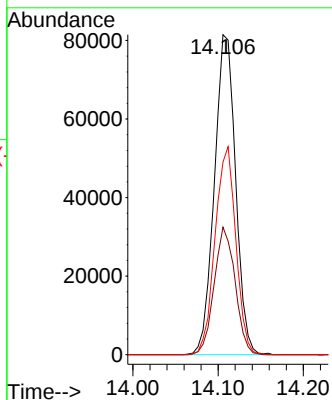
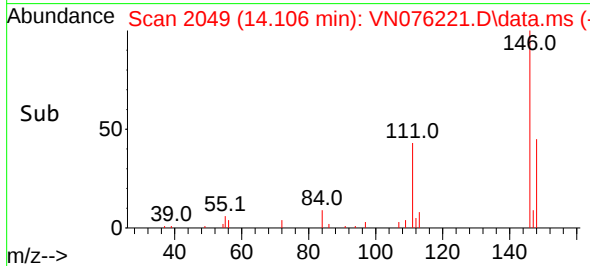
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



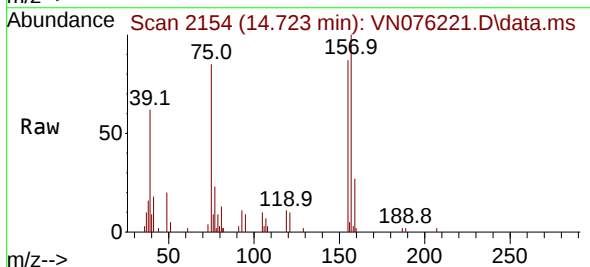
Tgt Ion:146 Resp: 141429
Ion Ratio Lower Upper
146 100
111 39.3 20.3 61.0
148 63.5 31.7 95.1

Manual Integrations
APPROVED

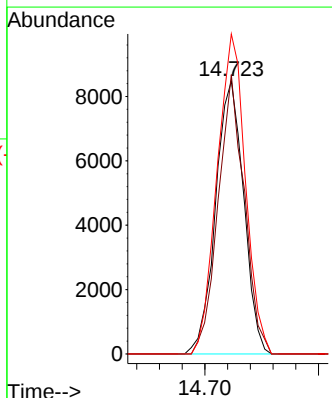
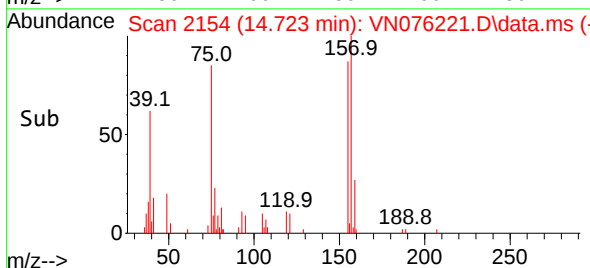
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

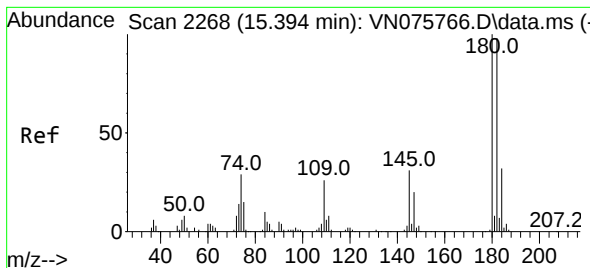


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.209 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15



Tgt Ion: 75 Resp: 14557
Ion Ratio Lower Upper
75 100
155 95.0 49.3 147.8
157 118.3 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 15.950 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS01

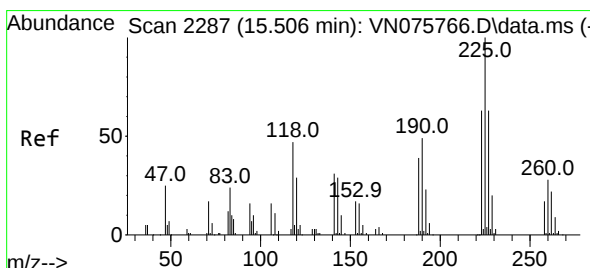
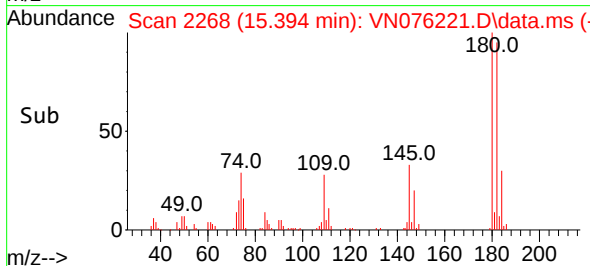
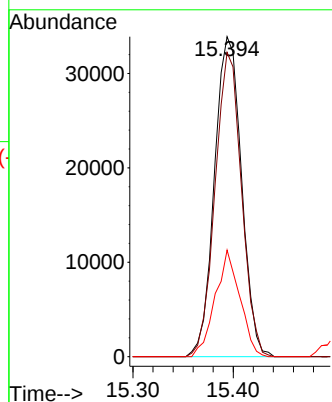
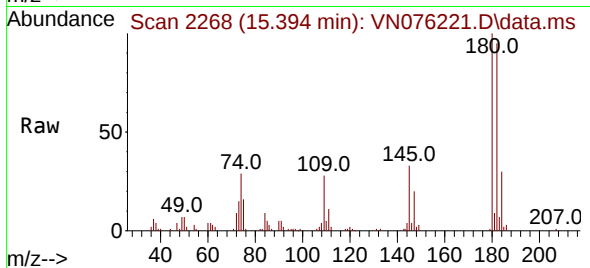
Tgt Ion:	180	Resp:	6344
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.5	142.5
145	30.4	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#94

Hexachlorobutadiene

Concen: 17.272 ug/l

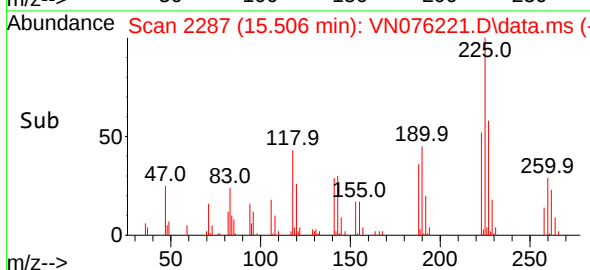
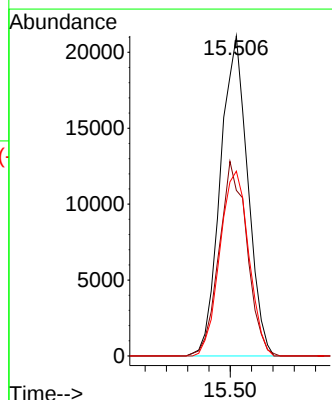
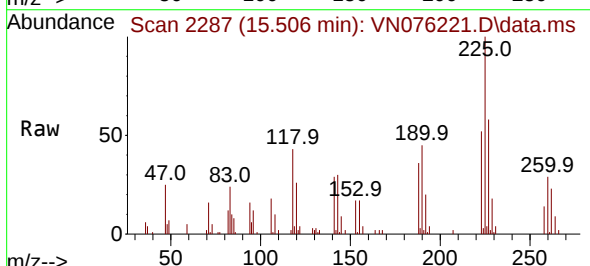
RT: 15.506 min Scan# 2287

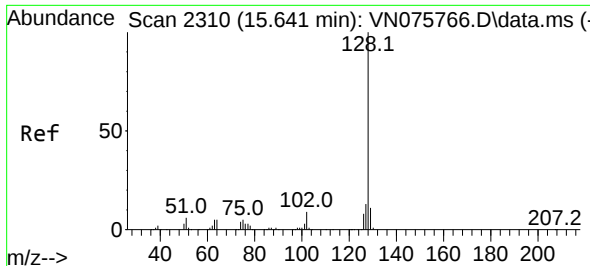
Delta R.T. 0.000 min

Lab File: VN076221.D

Acq: 12 Jan 2023 11:15

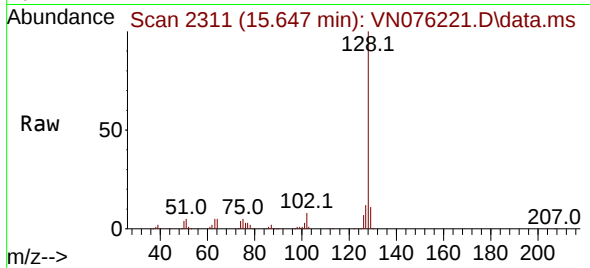
Tgt Ion:	225	Resp:	37484
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.5	94.5
227	61.0	31.6	95.0





#95
Naphthalene
Concen: 15.264 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

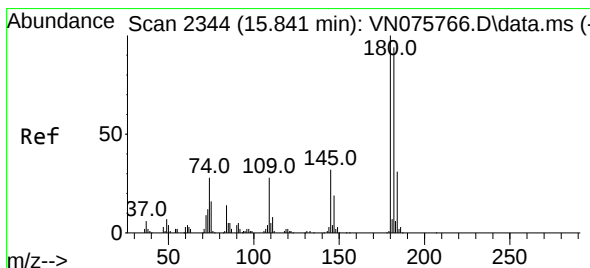
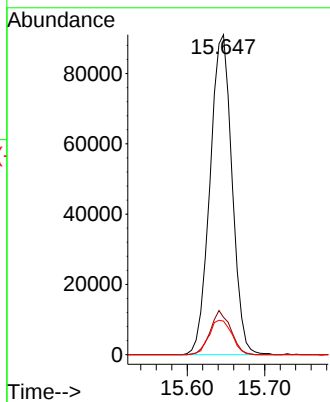
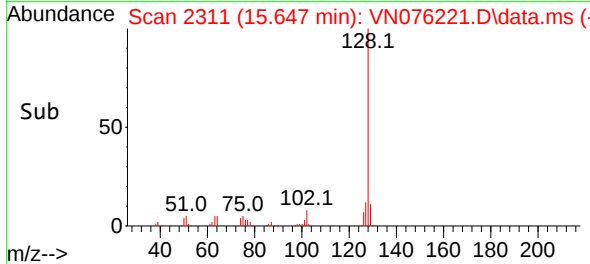
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS01



Tgt Ion:128 Resp: 179798
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.615 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076221.D
Acq: 12 Jan 2023 11:15

Tgt Ion:180 Resp: 61772
Ion Ratio Lower Upper
180 100
182 93.2 47.0 141.0
145 31.1 16.0 47.9

