

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070821.D
 Acq On : 28 Jan 2022 11:47
 Operator : JC/MD
 Sample : VN0128WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 28 23:15:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	608129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	958997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	887348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	398029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	435598	49.980	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.960%		
35) Dibromofluoromethane	8.021	113	299024	50.267	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.540%		
50) Toluene-d8	10.440	98	1211930	48.361	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.720%		
62) 4-Bromofluorobenzene	12.728	95	452557	50.678	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	118286	16.833	ug/l	98
3) Chloromethane	2.306	50	184715	17.983	ug/l	98
4) Vinyl Chloride	2.451	62	199078	20.377	ug/l	97
5) Bromomethane	2.877	94	130653	25.677	ug/l	99
6) Chloroethane	3.030	64	126840	20.805	ug/l	100
7) Trichlorofluoromethane	3.384	101	260997	23.386	ug/l	99
8) Diethyl Ether	3.827	74	79663	16.340	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.213	101	117317	17.392	ug/l	97
10) Methyl Iodide	4.422	142	131587	15.128	ug/l	96
11) Tert butyl alcohol	5.371	59	113674	72.294	ug/l	99
12) 1,1-Dichloroethene	4.186	96	109471	16.272	ug/l	90
13) Acrolein	4.044	56	221224	98.100	ug/l	99
14) Allyl chloride	4.840	41	239713	16.353	ug/l	89
15) Acrylonitrile	5.556	53	403729	80.712	ug/l	100
16) Acetone	4.288	43	488355	80.731	ug/l	100
17) Carbon Disulfide	4.535	76	298000	16.310	ug/l	100
18) Methyl Acetate	4.859	43	182684	15.356	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	440930	18.346	ug/l	94
20) Methylene Chloride	5.098	84	132938	16.684	ug/l #	86
21) trans-1,2-Dichloroethene	5.602	96	118541	17.507	ug/l	87
22) Diisopropyl ether	6.498	45	504574	17.367	ug/l	94
23) Vinyl Acetate	6.433	43	2095542	85.084	ug/l	95
24) 1,1-Dichloroethane	6.388	63	257744	17.734	ug/l	98
25) 2-Butanone	7.335	43	592360	77.820	ug/l	93
26) 2,2-Dichloropropane	7.327	77	214888	19.285	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	140209	17.432	ug/l	84
28) Bromochloromethane	7.656	49	118083	18.096	ug/l #	79
29) Tetrahydrofuran	7.686	42	371751	79.761	ug/l	89
30) Chloroform	7.817	83	261287	18.088	ug/l	100
31) Cyclohexane	8.096	56	255492	16.648	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	222307	19.707	ug/l	97
36) 1,1-Dichloropropene	8.222	75	191472	19.119	ug/l	96
37) Ethyl Acetate	7.415	43	222588	16.742	ug/l	98
38) Carbon Tetrachloride	8.206	117	191170	21.458	ug/l	98
39) Methylcyclohexane	9.459	83	224065	18.124	ug/l	87
40) Benzene	8.461	78	568636	18.325	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	117667	17.396	ug/l	87
42) 1,2-Dichloroethane	8.531	62	220570	20.500	ug/l	98
43) Isopropyl Acetate	8.560	43	362974	17.874	ug/l	96
44) Trichloroethene	9.215	130	133167	18.930	ug/l	91
45) 1,2-Dichloropropane	9.491	63	154746	18.329	ug/l	99
46) Dibromomethane	9.577	93	95612	19.477	ug/l	93
47) Bromodichloromethane	9.762	83	199450	19.876	ug/l	99
48) Methyl methacrylate	9.558	41	160521	16.592	ug/l #	86
49) 1,4-Dioxane	9.569	88	45726	314.659	ug/l	85
51) 4-Methyl-2-Pentanone	10.330	43	1123099	86.672	ug/l	98
52) Toluene	10.505	92	356891	19.227	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	212141	18.999	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	233233	19.381	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	135494	18.582	ug/l	95
56) Ethyl methacrylate	10.759	69	219779	17.420	ug/l	90
57) 1,3-Dichloropropane	11.044	76	243085	18.831	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	191419	71.025	ug/l	92
59) 2-Hexanone	11.084	43	808615	85.900	ug/l	97
60) Dibromochloromethane	11.237	129	141908	20.864	ug/l	98
61) 1,2-Dibromoethane	11.344	107	136404	18.632	ug/l	100
64) Tetrachloroethene	10.977	164	120851	18.575	ug/l	96
65) Chlorobenzene	11.768	112	369951	19.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	135086	20.405	ug/l	100
67) Ethyl Benzene	11.843	91	692621	19.432	ug/l	94
68) m/p-Xylenes	11.953	106	500368	38.588	ug/l	89
69) o-Xylene	12.280	106	244044	18.965	ug/l	89
70) Styrene	12.294	104	403694	19.610	ug/l	94
71) Bromoform	12.457	173	102539	20.504	ug/l #	100
73) Isopropylbenzene	12.578	105	659667	17.518	ug/l	98
74) N-amyl acetate	12.387	43	226087	14.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	211095	16.599	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	192919m	18.274	ug/l	
77) Bromobenzene	12.859	156	149305	17.685	ug/l	78
78) n-propylbenzene	12.918	91	763608	18.133	ug/l	96
79) 2-Chlorotoluene	13.004	91	467480	17.549	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	553770	18.185	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	56684	15.996	ug/l	97
82) 4-Chlorotoluene	13.104	91	455057	18.283	ug/l	90
83) tert-Butylbenzene	13.323	119	467807	17.648	ug/l	91
84) 1,2,4-Trimethylbenzene	13.366	105	532522	18.193	ug/l	97
85) sec-Butylbenzene	13.500	105	660586	18.331	ug/l	97
86) p-Isopropyltoluene	13.613	119	538808	19.033	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	263770	18.781	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	254475	18.207	ug/l	96
89) n-Butylbenzene	13.940	91	424951	18.196	ug/l	98
90) Hexachloroethane	14.209	117	93318	18.858	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	248019	17.874	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	37730	17.490	ug/l	74
93) 1,2,4-Trichlorobenzene	15.263	180	116090	18.131	ug/l	99
94) Hexachlorobutadiene	15.370	225	83048	20.208	ug/l	99
95) Naphthalene	15.504	128	250231	15.873	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	108959	17.720	ug/l	97

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ClientSampleId :
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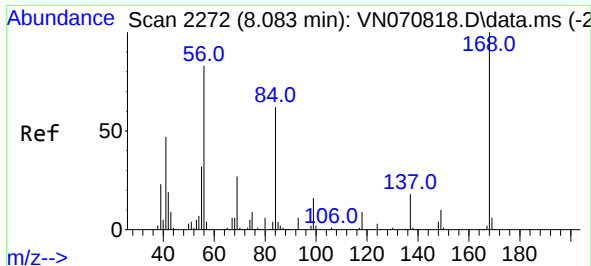
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

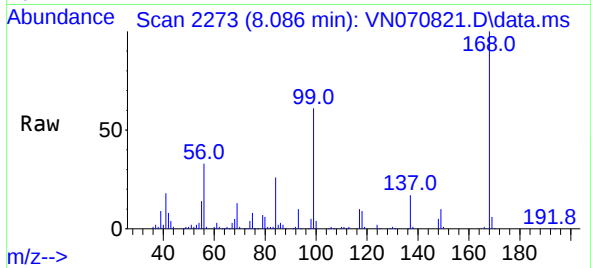
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070821.D
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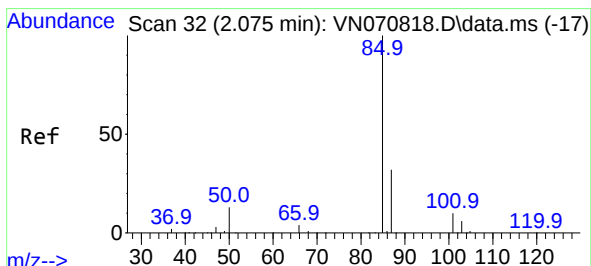
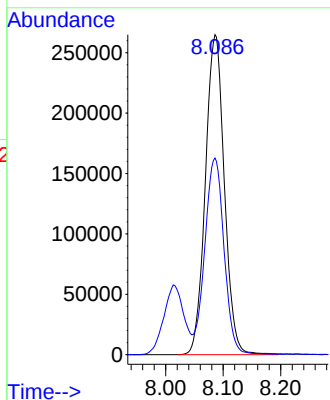
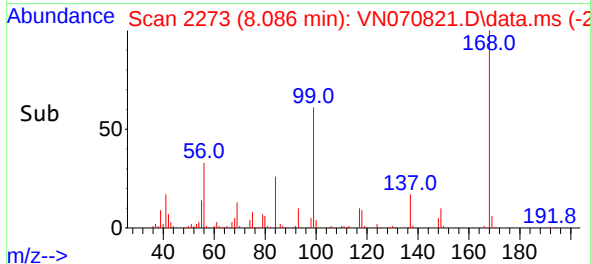
Instrument :
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Tgt Ion:168 Resp: 608129
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9

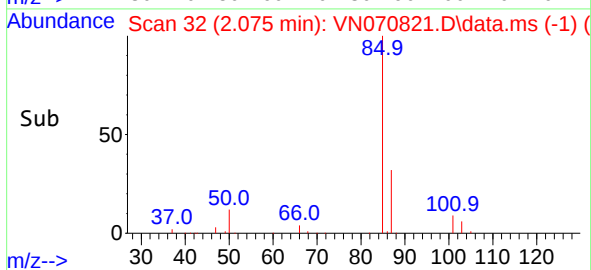
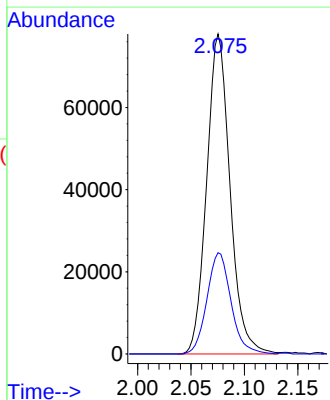
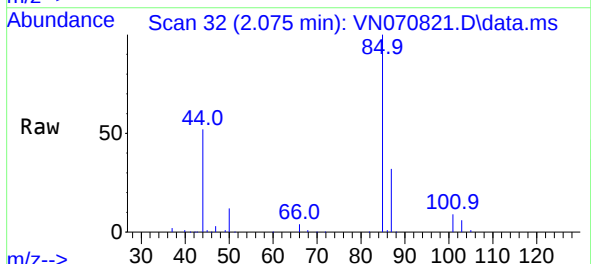
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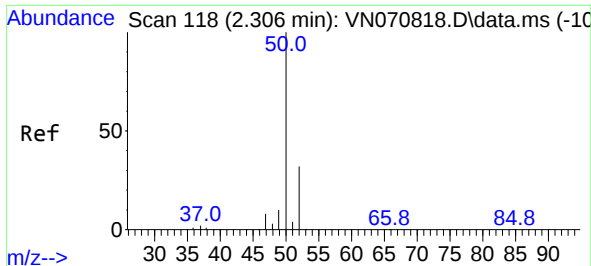
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#2
Dichlorodifluoromethane
Concen: 16.833 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

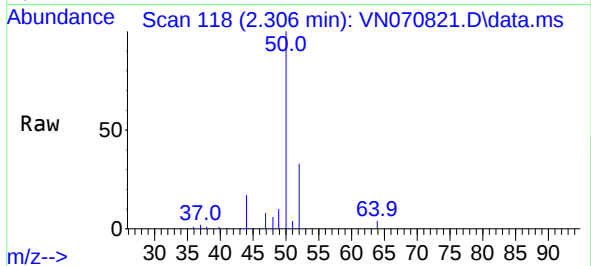
Tgt Ion: 85 Resp: 118286
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 17.983 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

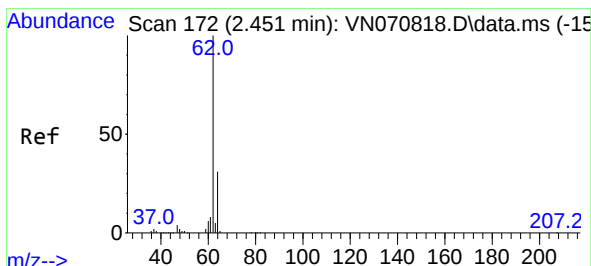
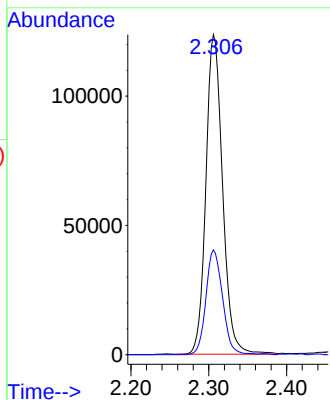
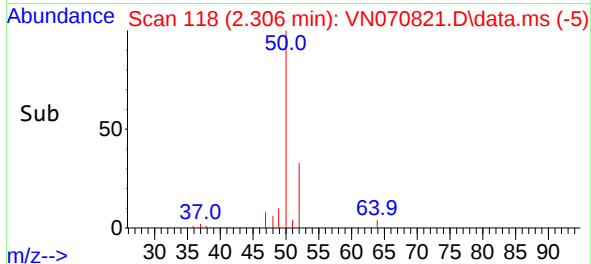
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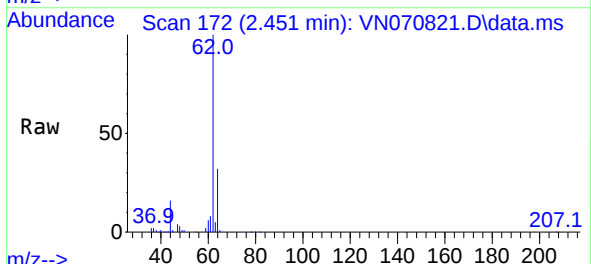
Tgt Ion: 50 Resp: 184715
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

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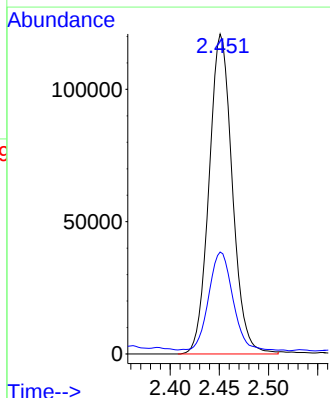
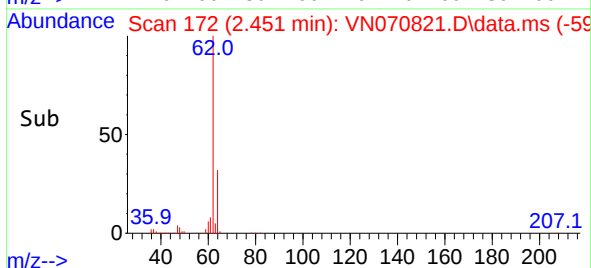
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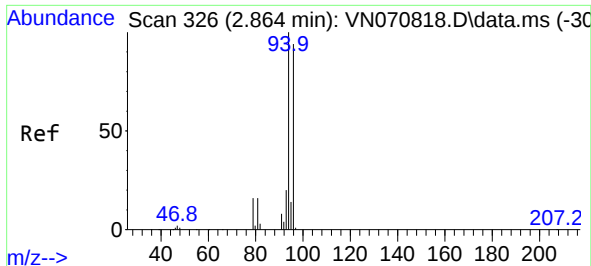


#4
Vinyl Chloride
Concen: 20.377 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



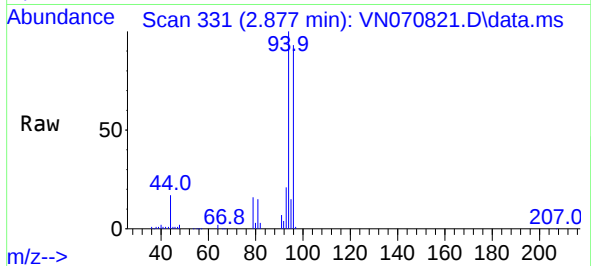
Tgt Ion: 62 Resp: 199078
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.6





#5
Bromomethane
Concen: 25.677 ug/l
RT: 2.877 min Scan# 31
Delta R.T. 0.029 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

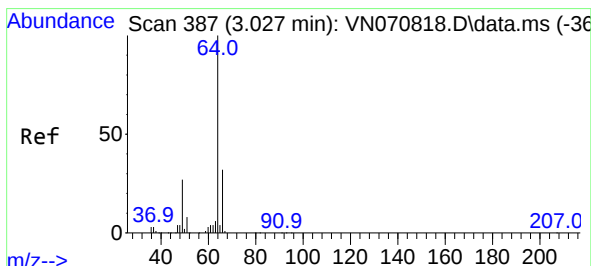
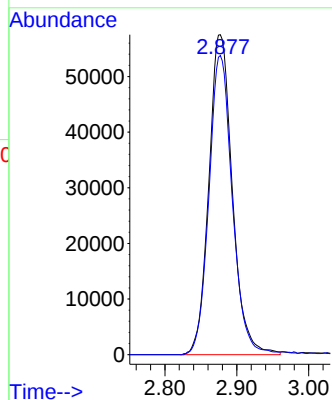
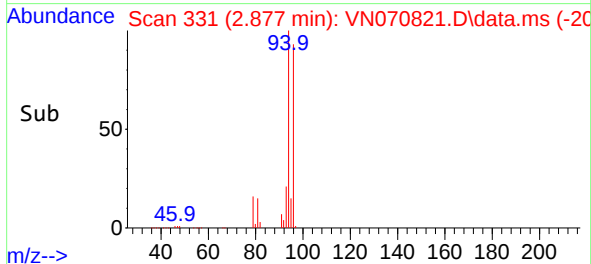
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Tgt Ion: 94 Resp: 13065
Ion Ratio Lower Upper
94 100
96 93.5 73.8 110.8

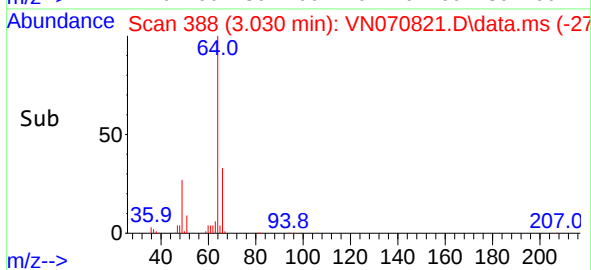
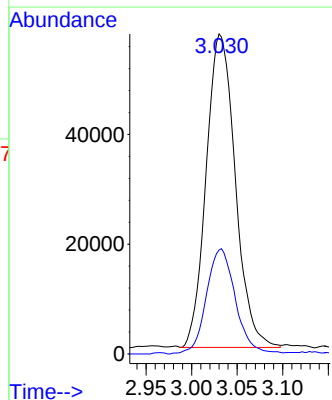
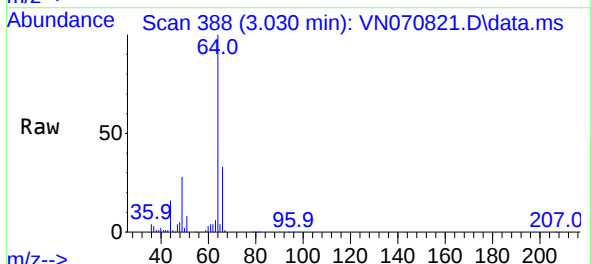
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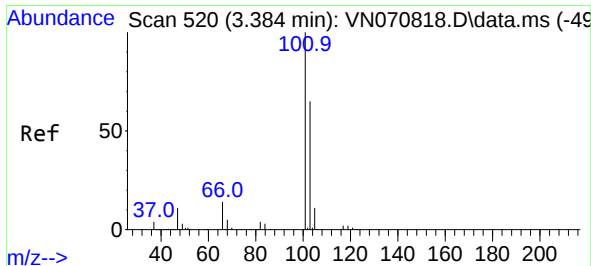
Reviewed By :John Carlone 01/31/2022
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#6
Chloroethane
Concen: 20.805 ug/l
RT: 3.030 min Scan# 388
Delta R.T. 0.011 min
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Tgt Ion: 64 Resp: 126840
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5





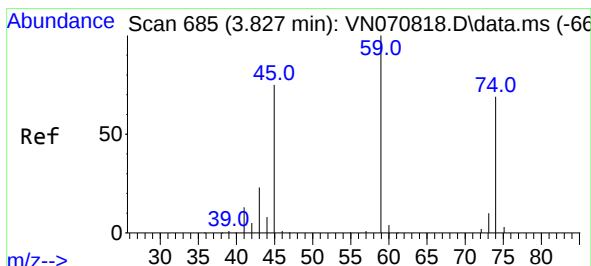
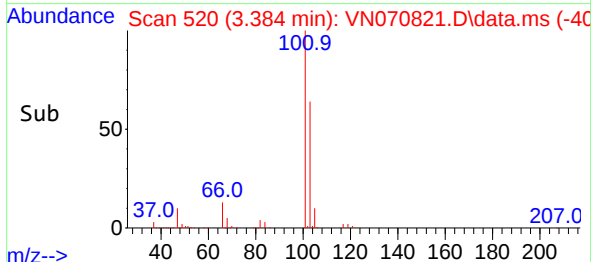
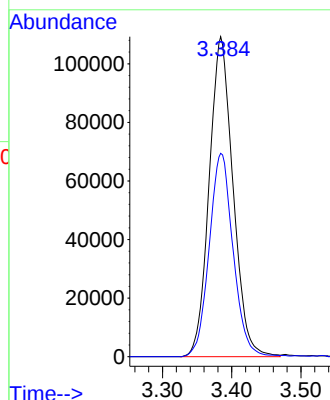
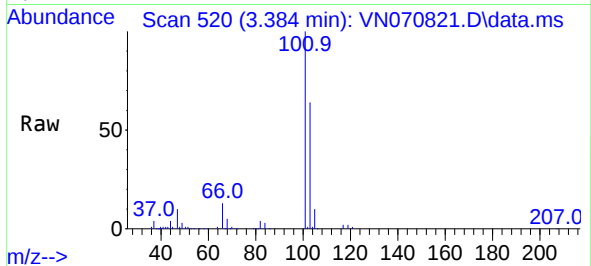
#7
 Trichlorofluoromethane
 Concen: 23.386 ug/l
 RT: 3.384 min Scan# 51
 Delta R.T. 0.008 min
 Lab File: VN070821.D
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Tgt Ion:101 Resp: 26099
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1

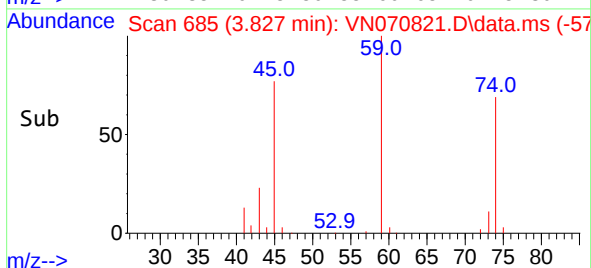
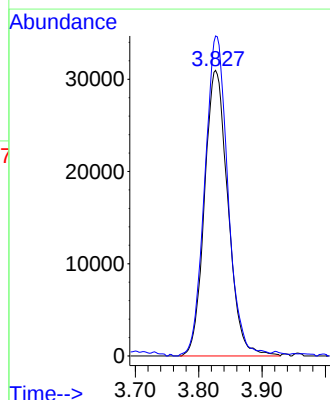
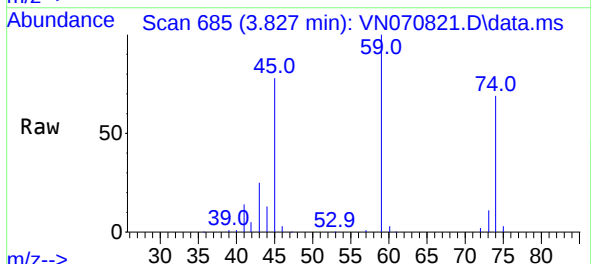
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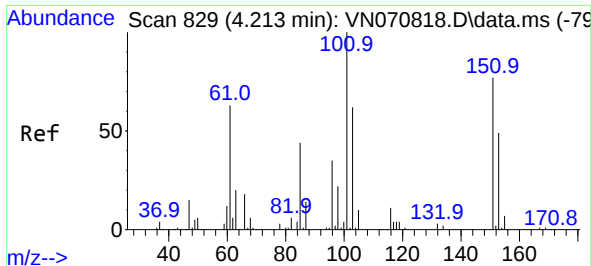
Reviewed By :John Carlone 01/31/2022
 Supervised By :Mahesh Dadoda 01/31/2022



#8
 Diethyl Ether
 Concen: 16.340 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 79663
 Ion Ratio Lower Upper
 74 100
 45 109.9 47.0 141.2





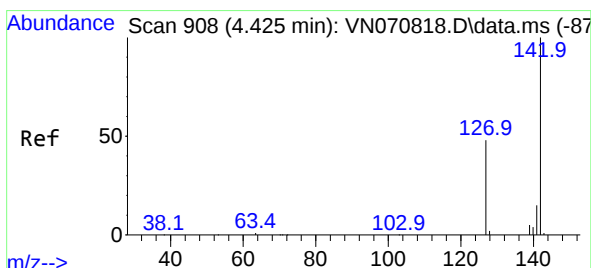
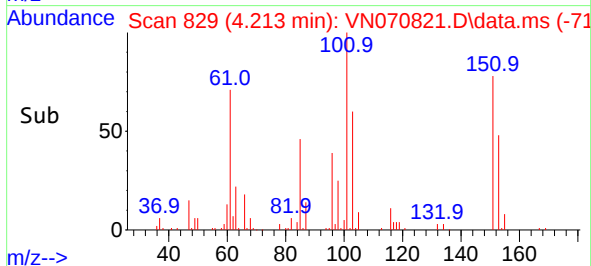
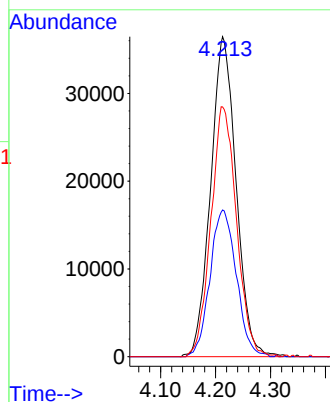
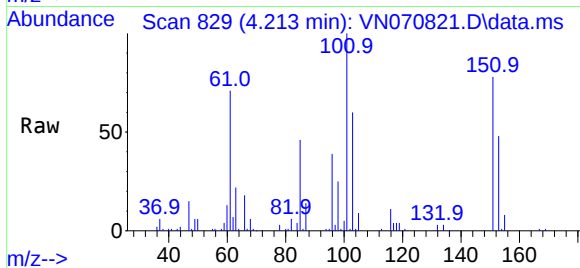
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.392 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:101 Resp: 11731
Ion Ratio Lower Upper
101 100
85 47.5 37.2 55.8
151 78.6 65.9 98.9

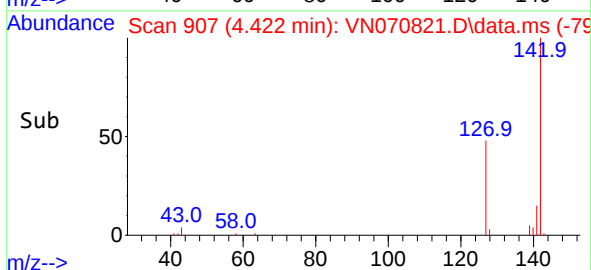
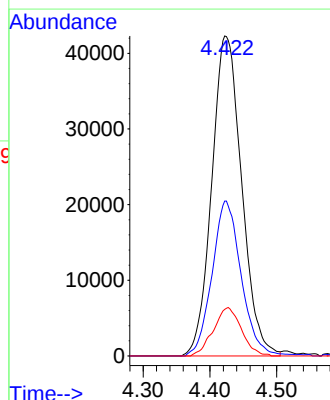
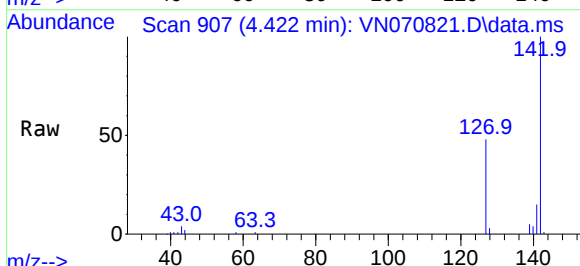
Manual Integrations
APPROVED

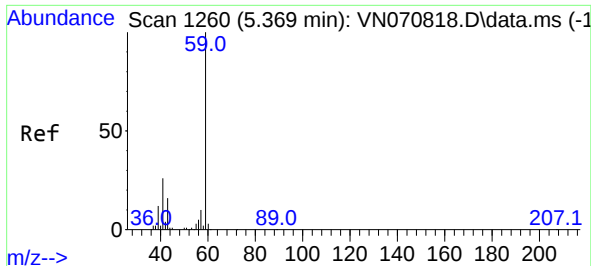
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#10
Methyl Iodide
Concen: 15.128 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

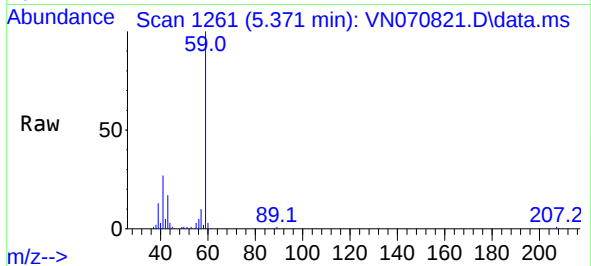
Tgt Ion:142 Resp: 131587
Ion Ratio Lower Upper
142 100
127 47.2 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 72.294 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

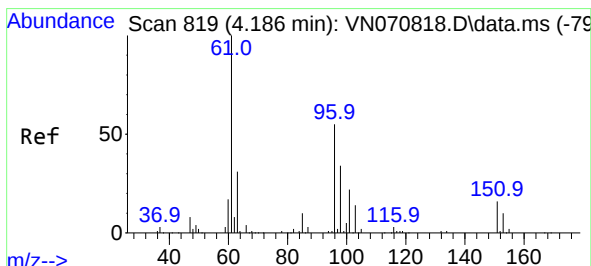
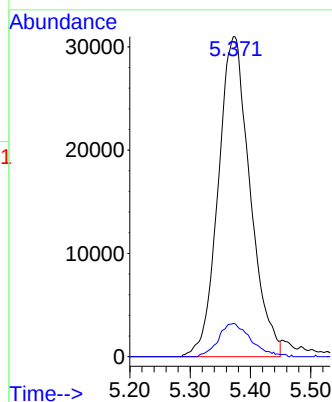
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



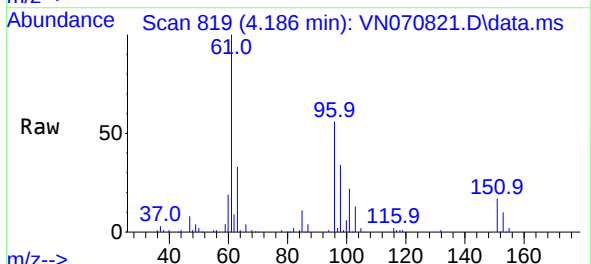
Tgt Ion: 59 Resp: 113674
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

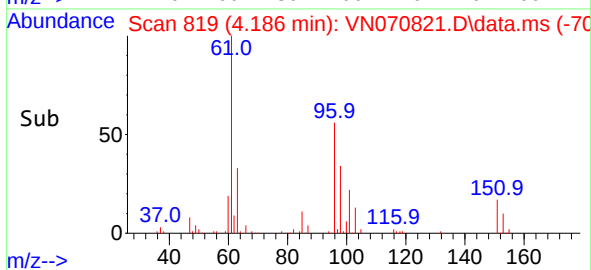
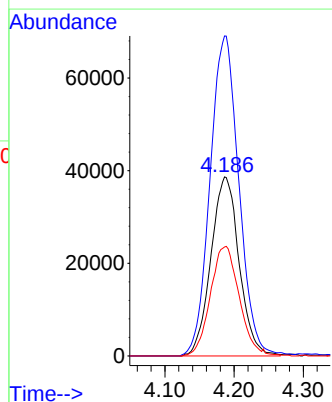
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

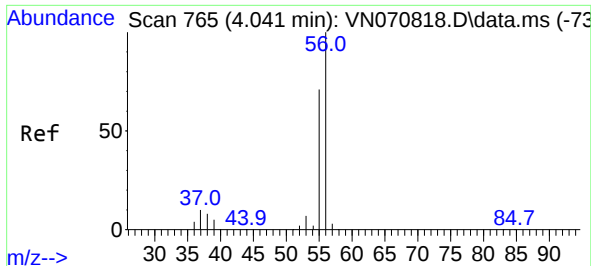


#12
1,1-Dichloroethene
Concen: 16.272 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.005 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



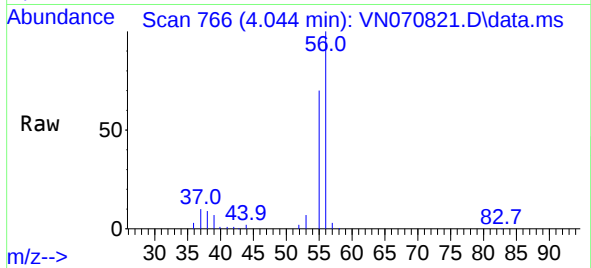
Tgt Ion: 96 Resp: 109471
Ion Ratio Lower Upper
96 100
61 178.8 131.0 196.6
98 60.9 52.4 78.6





#13
Acrolein
Concen: 98.100 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

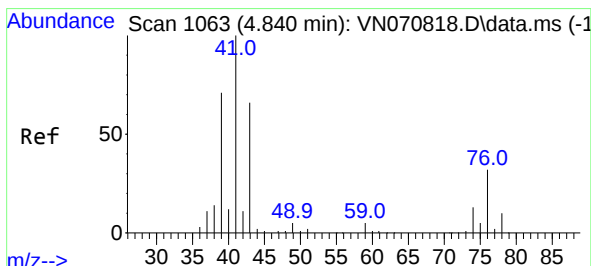
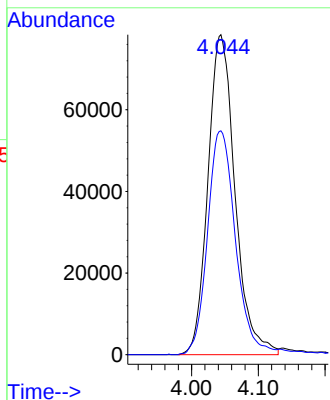
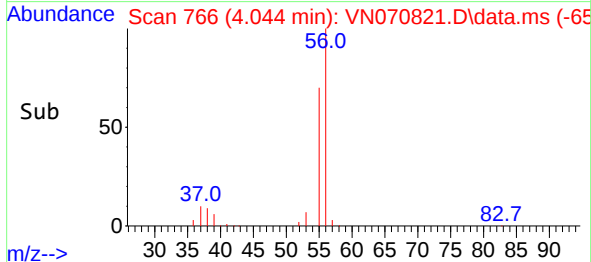
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 56 Resp: 221224
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

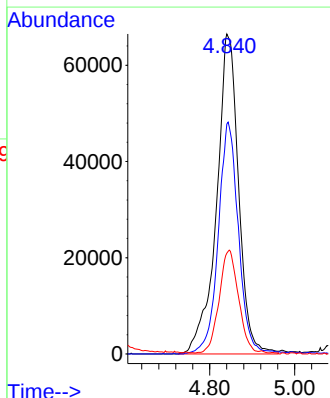
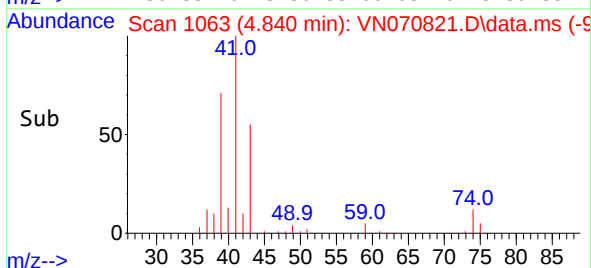
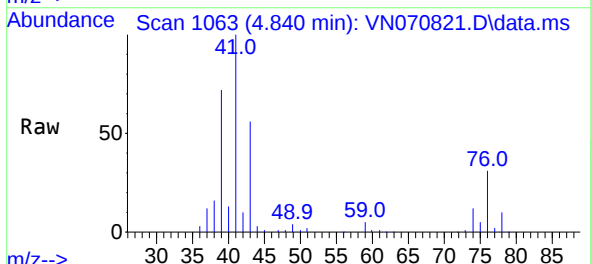
Manual Integrations
APPROVED

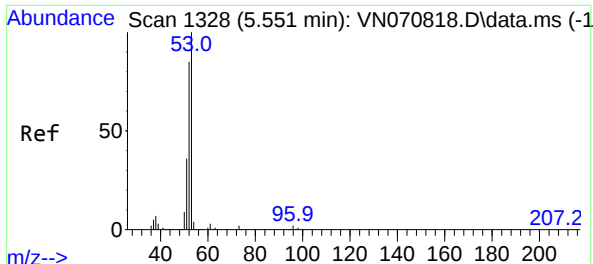
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#14
Allyl chloride
Concen: 16.353 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

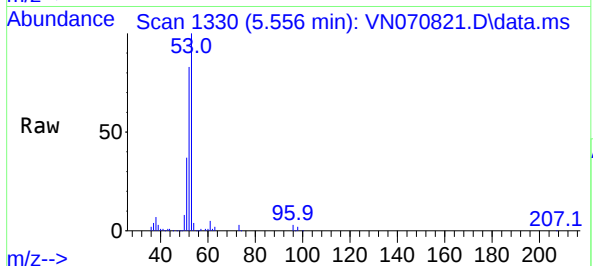
Tgt Ion: 41 Resp: 239713
Ion Ratio Lower Upper
41 100
39 66.5 61.2 91.8
76 28.0 26.0 39.0





#15
Acrylonitrile
Concen: 80.712 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

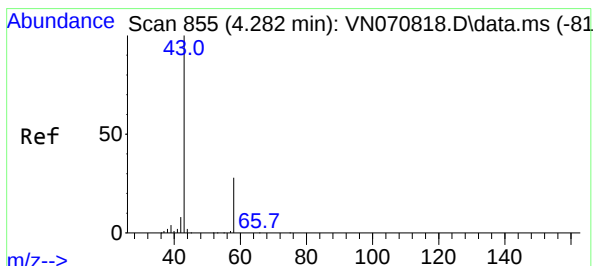
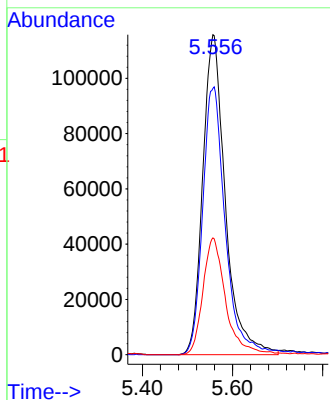
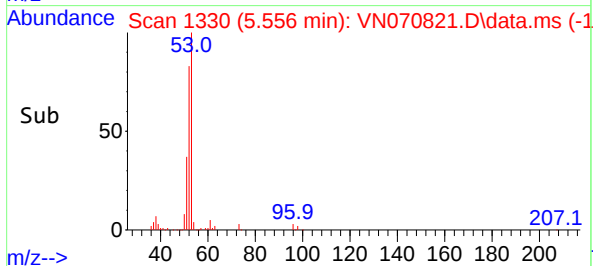
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 53 Resp: 403729
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 36.4 29.6 44.4

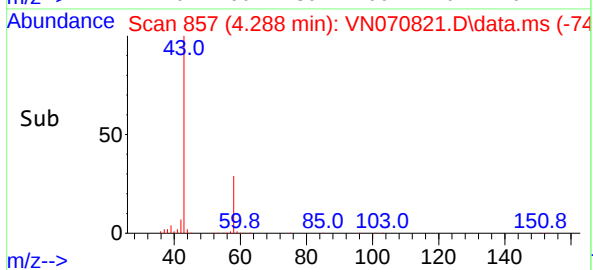
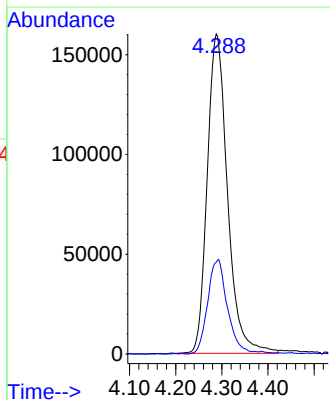
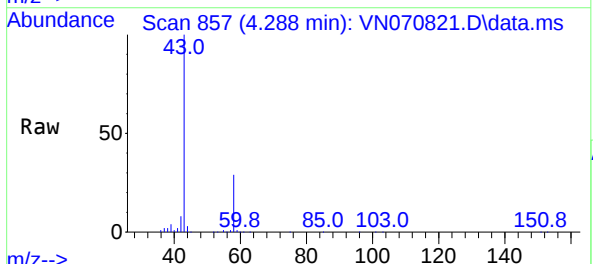
Manual Integrations
APPROVED

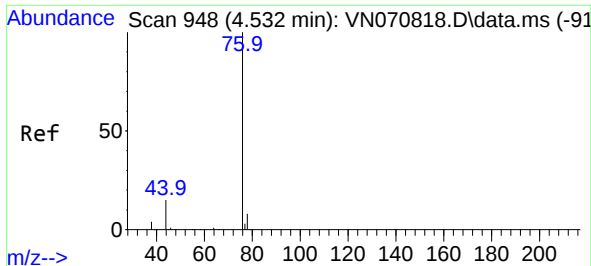
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#16
Acetone
Concen: 80.731 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

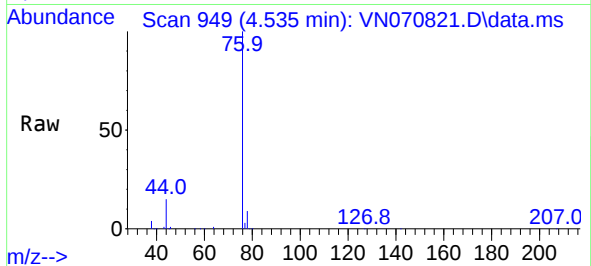
Tgt Ion: 43 Resp: 488355
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7





#17
Carbon Disulfide
Concen: 16.310 ug/l
RT: 4.535 min Scan# 948
Delta R.T. 0.006 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

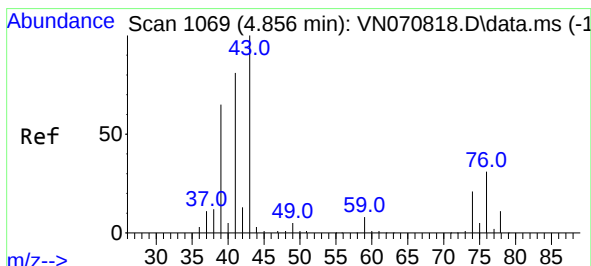
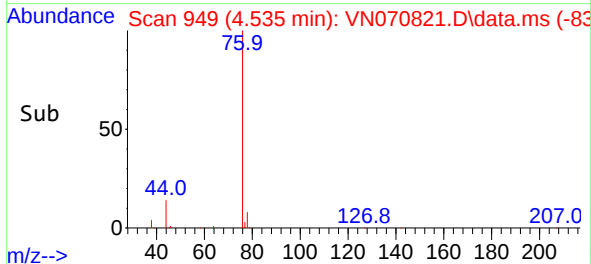
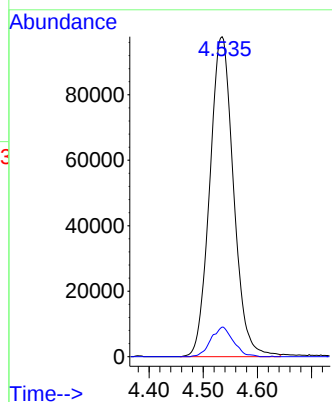
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 76 Resp: 298000
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

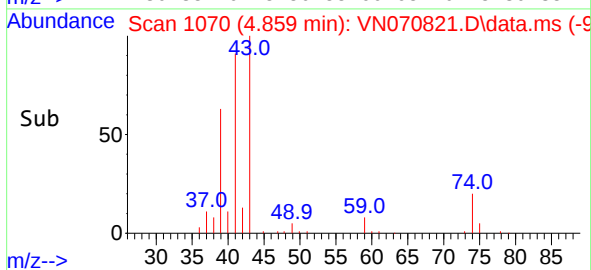
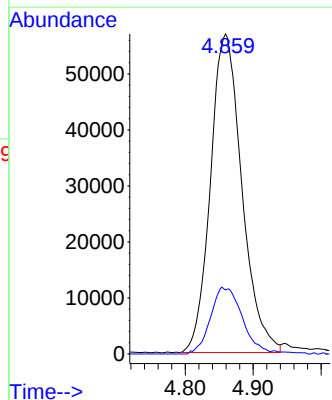
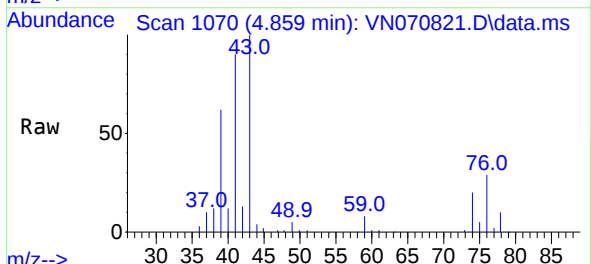
Manual Integrations
APPROVED

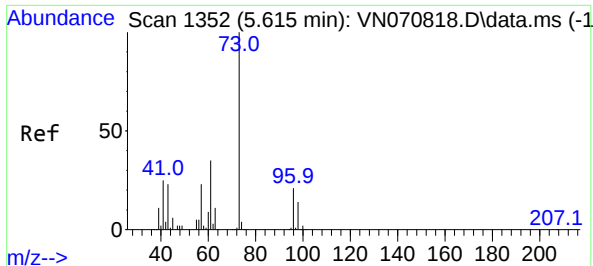
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#18
Methyl Acetate
Concen: 15.356 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

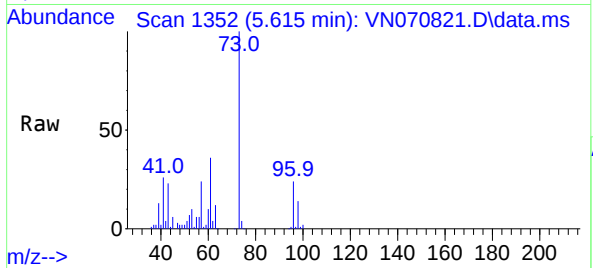
Tgt Ion: 43 Resp: 182684
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.346 ug/l
RT: 5.615 min Scan# 1159
Delta R.T. -0.001 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

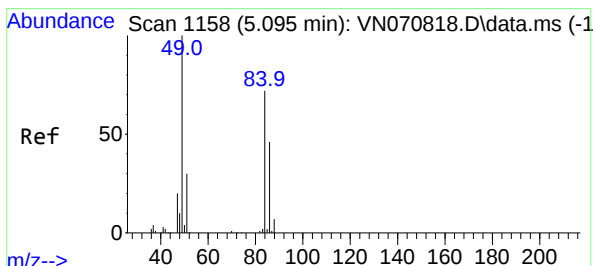
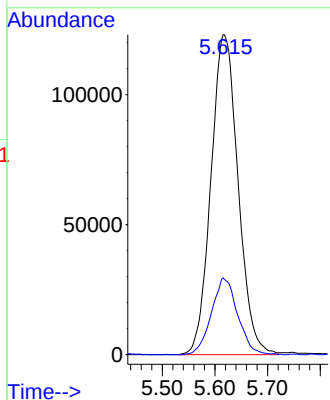
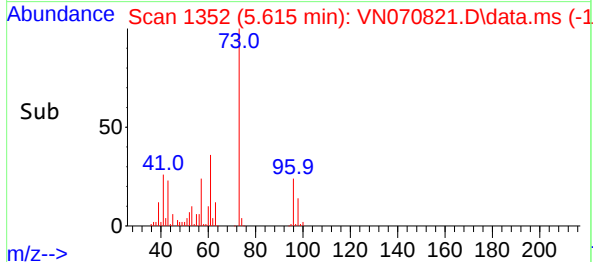
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



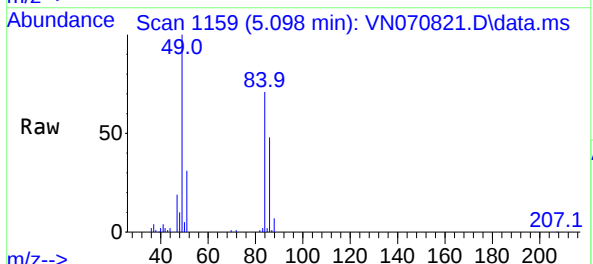
Tgt Ion: 73 Resp: 440930
Ion Ratio Lower Upper
73 100
57 24.0 16.8 25.2

Manual Integrations
APPROVED

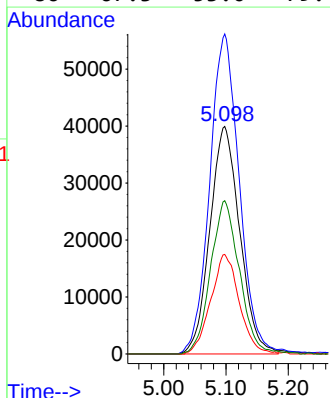
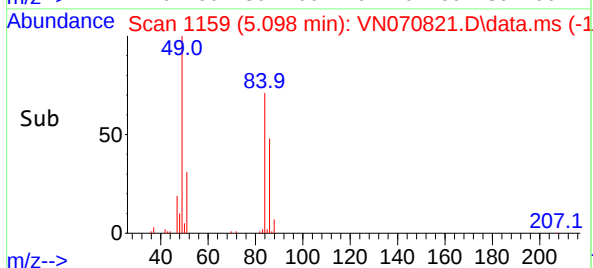
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

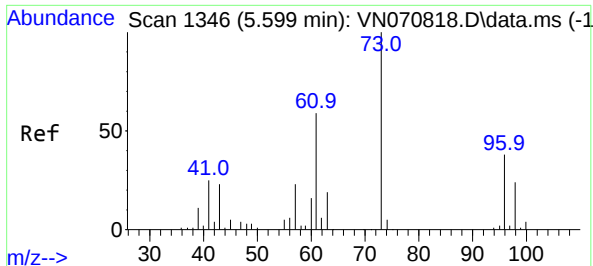


#20
Methylene Chloride
Concen: 16.684 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



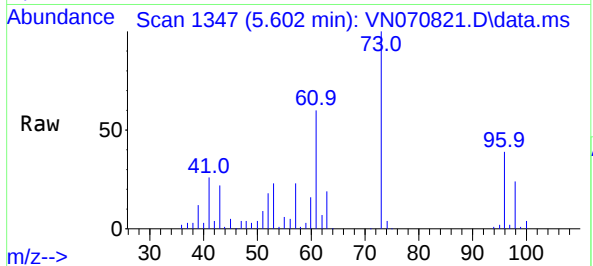
Tgt Ion: 84 Resp: 132938
Ion Ratio Lower Upper
84 100
49 140.6 93.5 140.3#
51 43.7 29.4 44.2
86 67.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.507 ug/l
RT: 5.602 min Scan# 11854
Delta R.T. 0.008 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

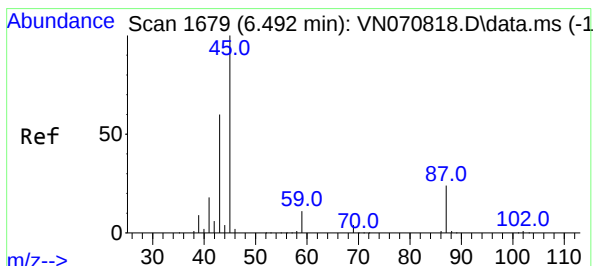
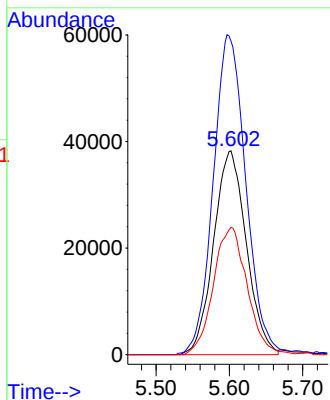
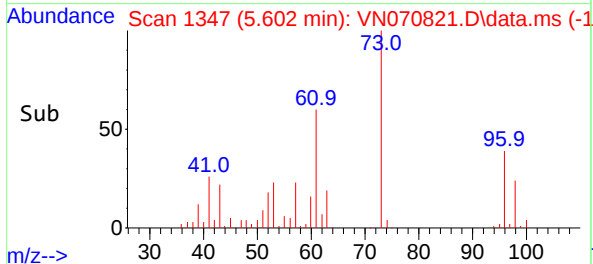
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



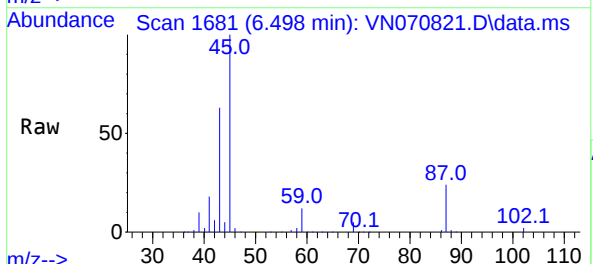
Tgt Ion: 96 Resp: 11854
Ion Ratio Lower Upper
96 100
61 153.2 105.8 158.6
98 62.4 52.0 78.0

Manual Integrations
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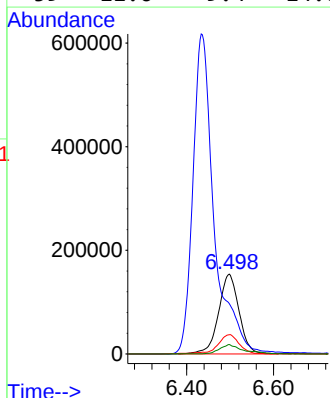
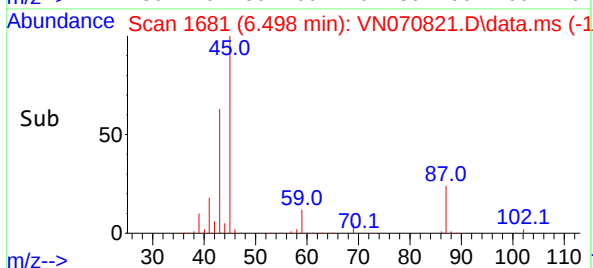
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

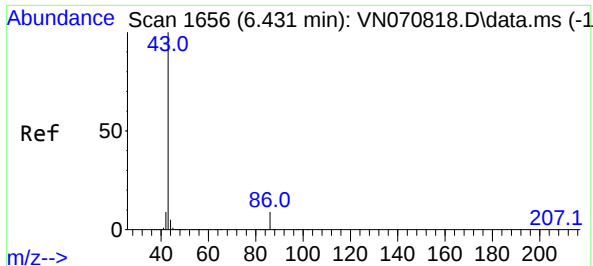


#22
Diisopropyl ether
Concen: 17.367 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



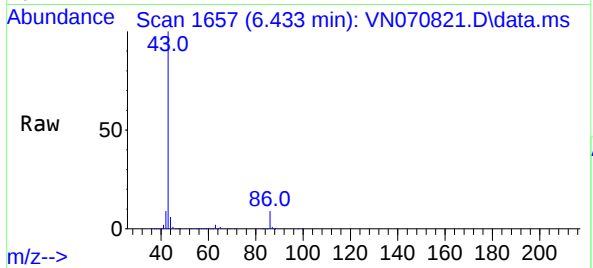
Tgt Ion: 45 Resp: 504574
Ion Ratio Lower Upper
45 100
43 60.9 51.7 77.5
87 23.9 23.2 34.8
59 11.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 85.084 ug/l
 RT: 6.433 min Scan# 1656
 Delta R.T. 0.002 min
 Lab File: VN070821.D
 Acq: 28 Jan 2022 11:47

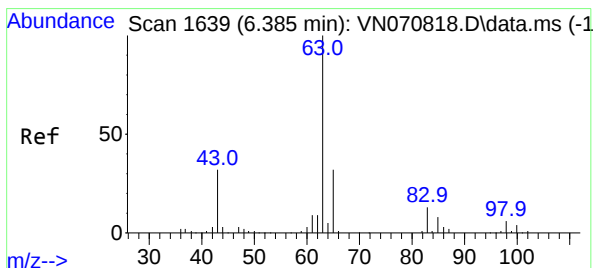
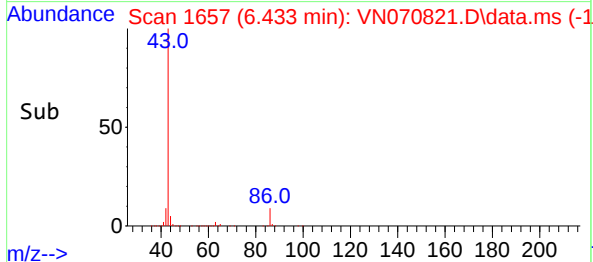
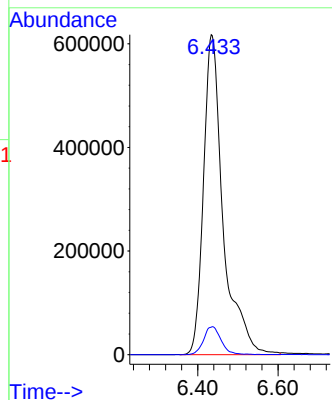
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01



Tgt Ion: 43 Resp: 209554
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

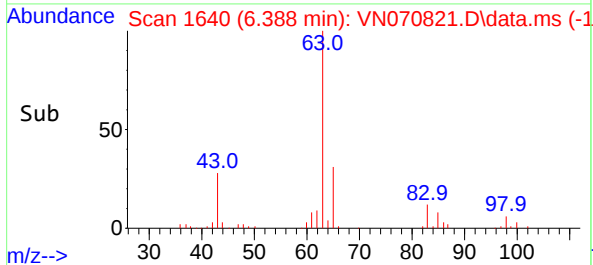
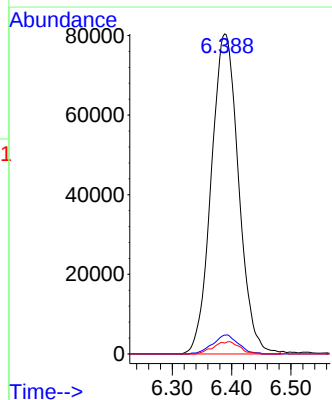
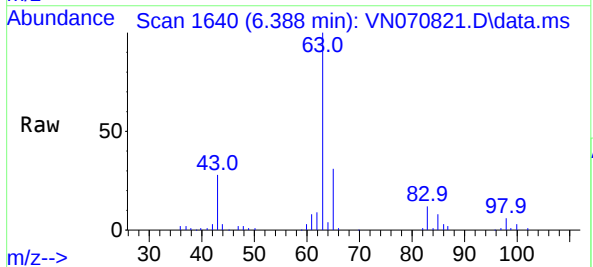
Manual Integrations
 APPROVED

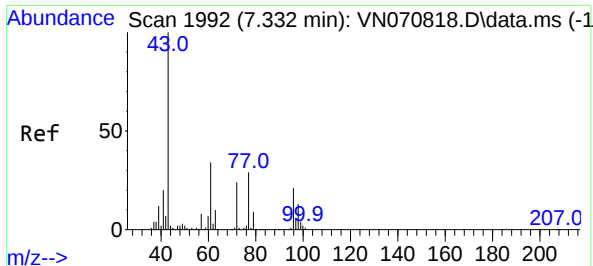
Reviewed By :John Carlone 01/31/2022
 Supervised By :Mahesh Dadoda 01/31/2022



#24
 1,1-Dichloroethane
 Concen: 17.734 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN070821.D
 Acq: 28 Jan 2022 11:47

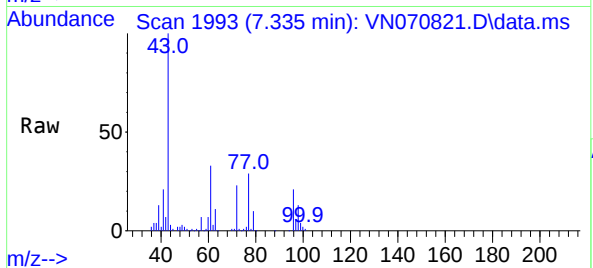
Tgt Ion: 63 Resp: 257744
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.4 2.1 6.5





#25
2-Butanone
Concen: 77.820 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

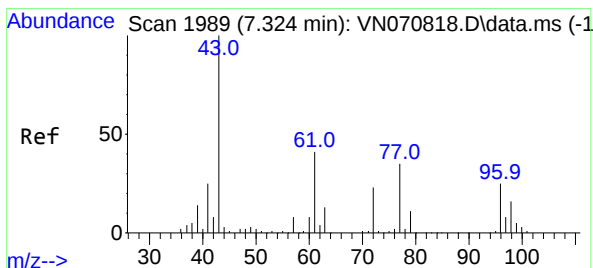
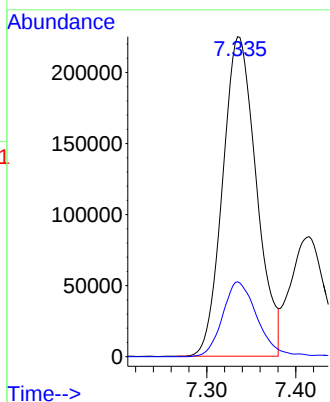
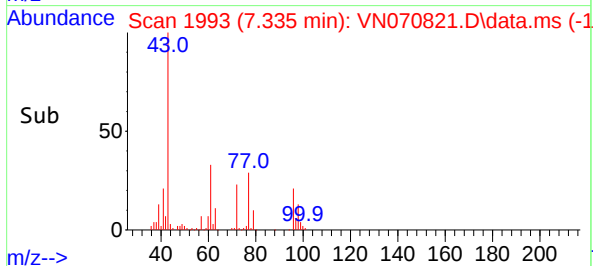
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



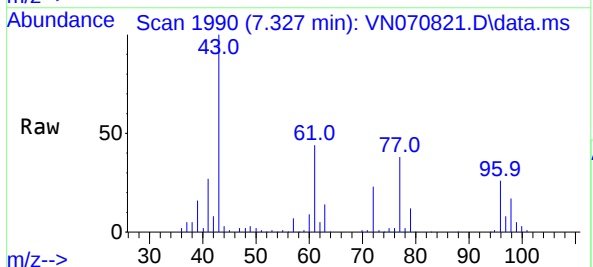
Tgt Ion: 43 Resp: 592360
Ion Ratio Lower Upper
43 100
72 23.4 21.7 32.5

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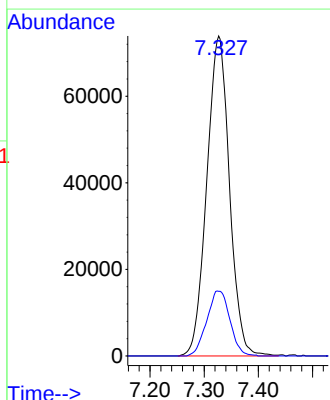
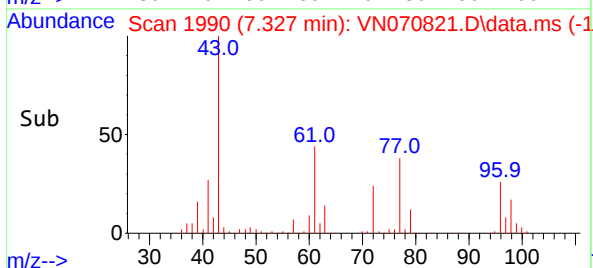
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

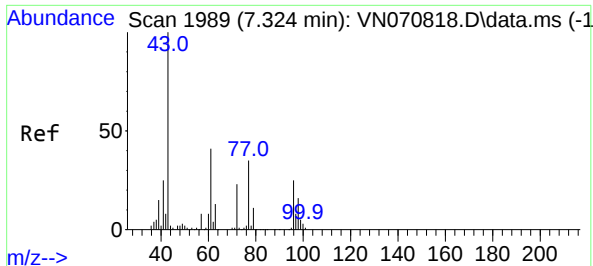


#26
2,2-Dichloropropane
Concen: 19.285 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion: 77 Resp: 214888
Ion Ratio Lower Upper
77 100
97 20.7 11.6 34.8





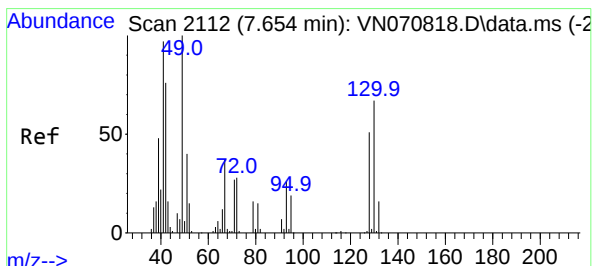
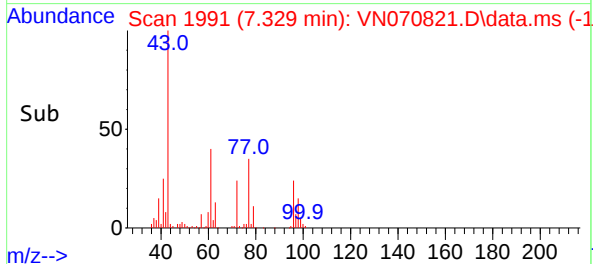
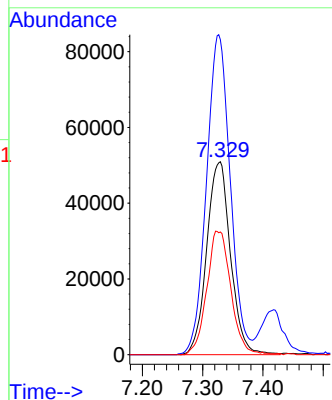
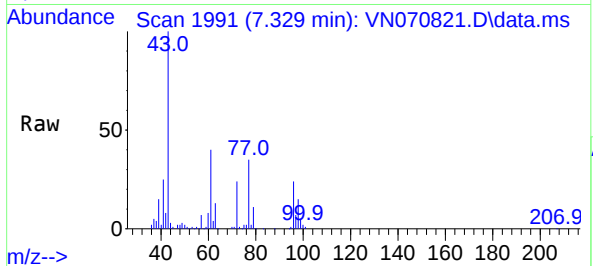
#27
 cis-1,2-Dichloroethene
 Concen: 17.432 ug/l
 RT: 7.329 min Scan# 1989
 Delta R.T. 0.005 min
 Lab File: VN070821.D
 Acq: 28 Jan 2022 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01

Tgt Ion: 96 Resp: 140209
 Ion Ratio Lower Upper
 96 100
 61 165.4 0.0 275.0
 98 64.3 0.0 129.6

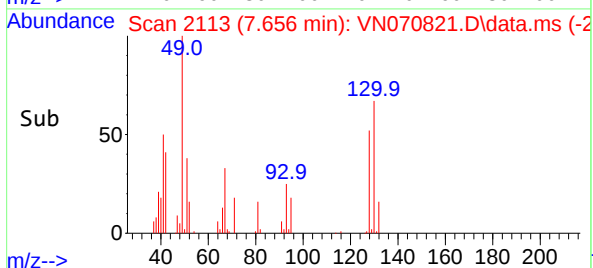
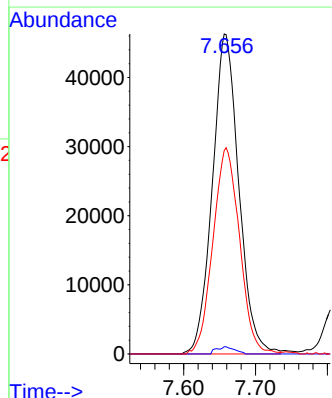
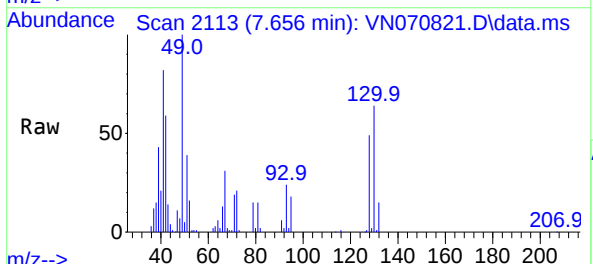
Manual Integrations
 APPROVED

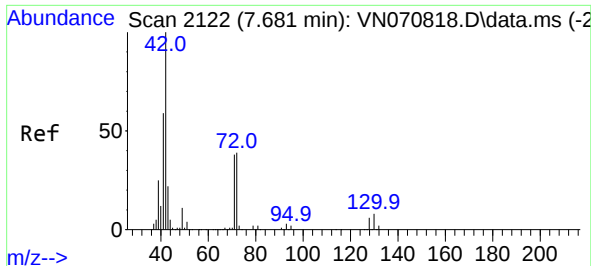
Reviewed By :John Carlone 01/31/2022
 Supervised By :Mahesh Dadoda 01/31/2022



#28
 Bromochloromethane
 Concen: 18.096 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. -0.001 min
 Lab File: VN070821.D
 Acq: 28 Jan 2022 11:47

Tgt Ion: 49 Resp: 118083
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 64.9 67.8 101.8#





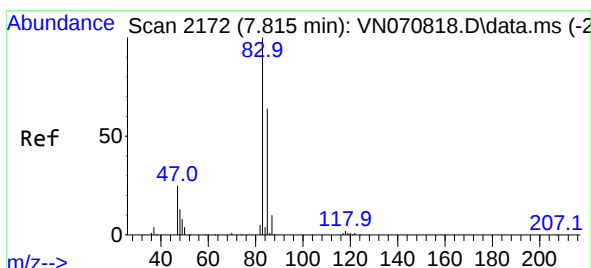
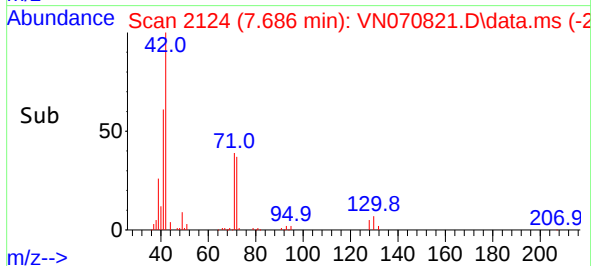
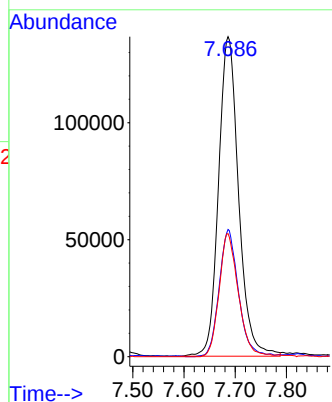
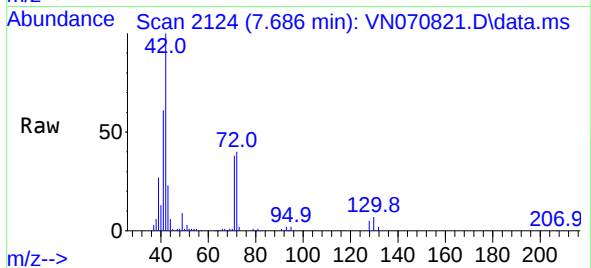
#29
Tetrahydrofuran
Concen: 79.761 ug/l
RT: 7.686 min Scan# 2123
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 42 Resp: 37175
Ion Ratio Lower Upper
42 100
72 38.2 36.3 54.5
71 36.9 34.7 52.1

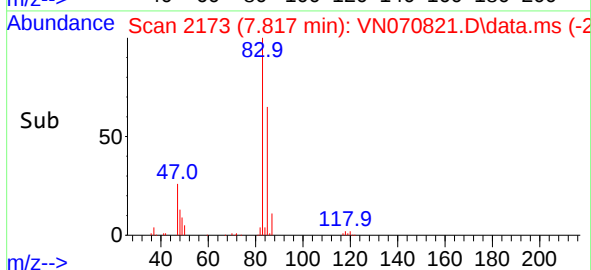
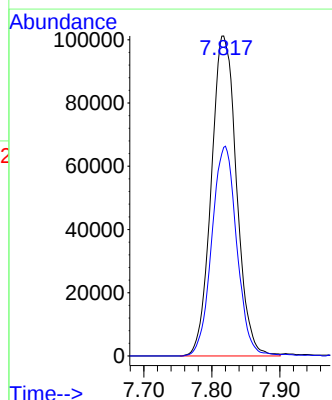
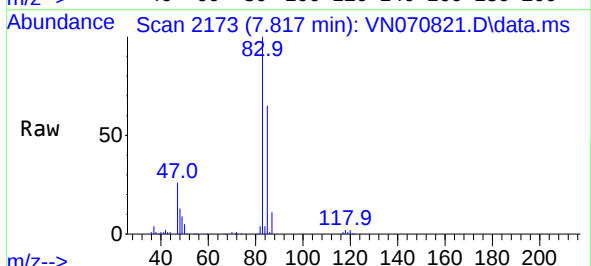
Manual Integrations
APPROVED

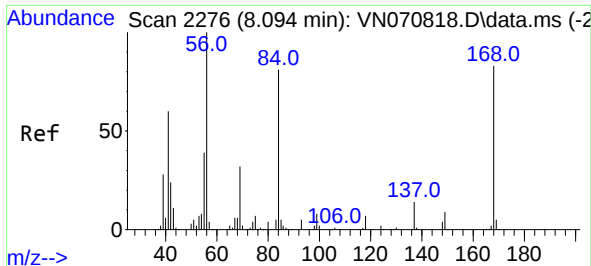
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#30
Chloroform
Concen: 18.088 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.001 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

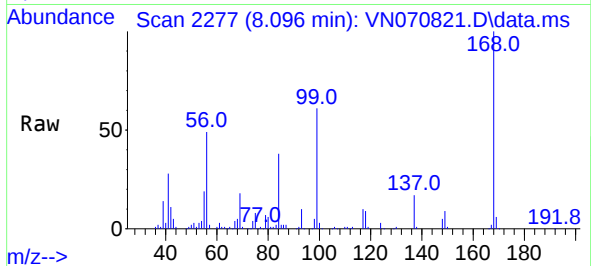
Tgt Ion: 83 Resp: 261287
Ion Ratio Lower Upper
83 100
85 65.2 51.9 77.9





#31
Cyclohexane
Concen: 16.648 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

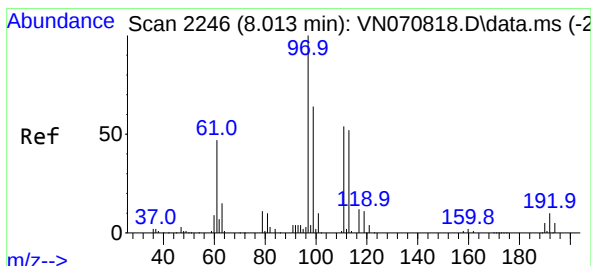
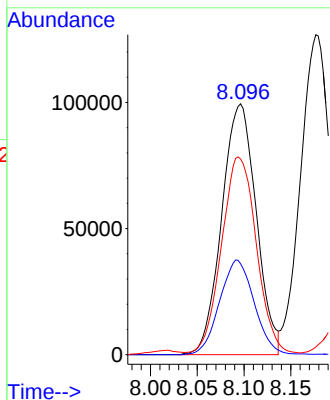
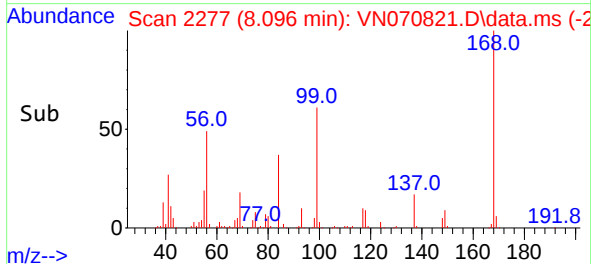
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



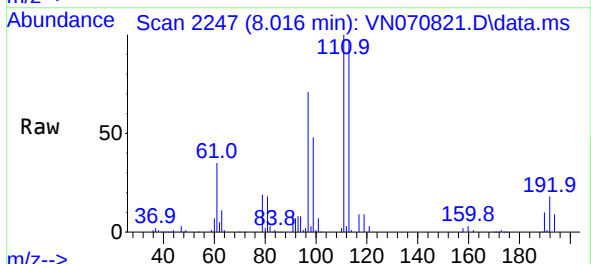
Tgt Ion: 56 Resp: 255492
Ion Ratio Lower Upper
56 100
69 36.2 27.1 40.7
84 76.9 73.4 110.0

Manual Integrations
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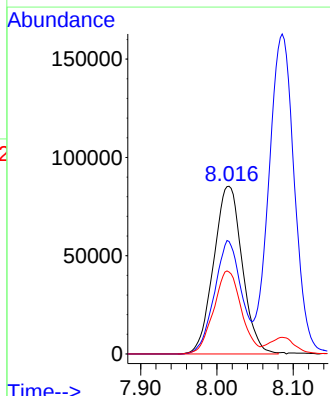
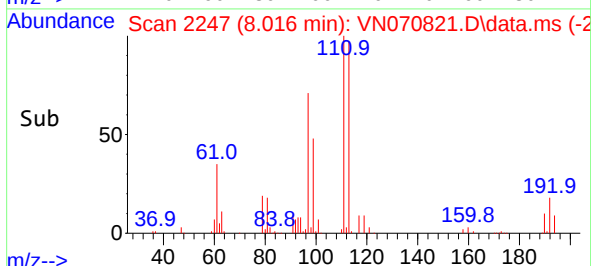
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

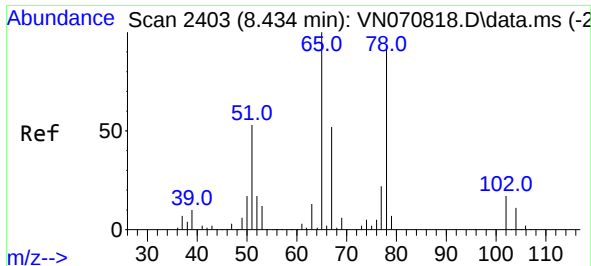


#32
1,1,1-Trichloroethane
Concen: 19.707 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion: 97 Resp: 222307
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 47.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.980 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070821.D

Acq: 28 Jan 2022 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

Tgt Ion: 65 Resp: 435598

Ion Ratio Lower Upper

65 100

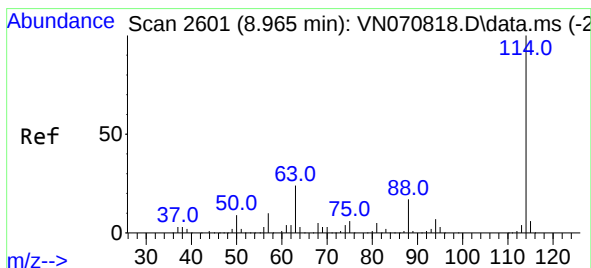
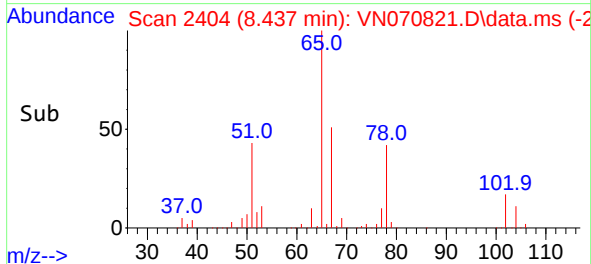
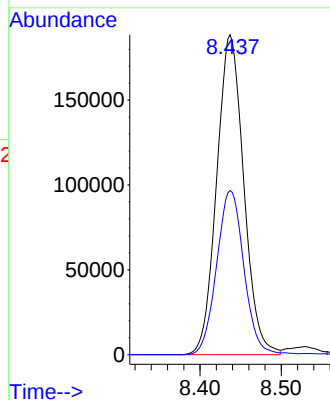
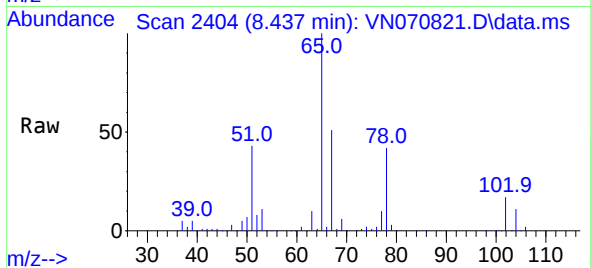
67 51.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2022

Supervised By :Mahesh Dadoda 01/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070821.D

Acq: 28 Jan 2022 11:47

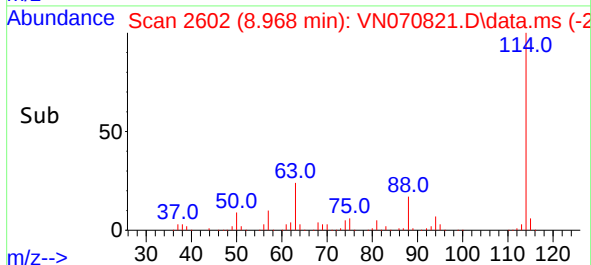
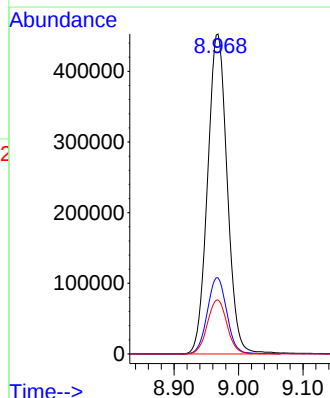
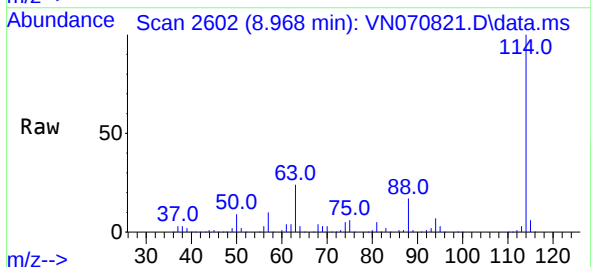
Tgt Ion:114 Resp: 958997

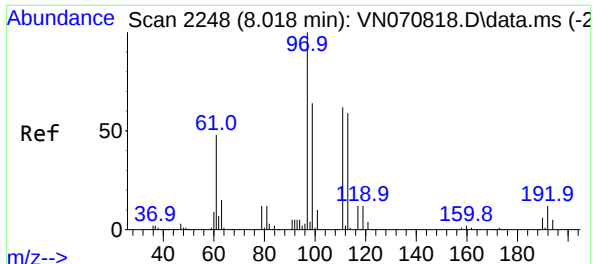
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

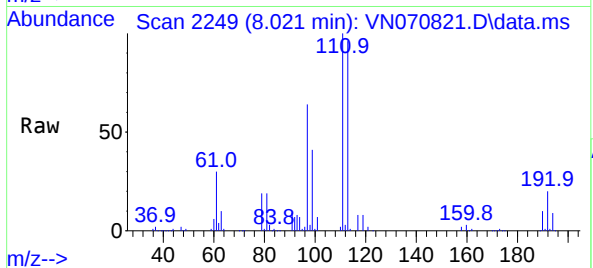
88 16.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.267 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

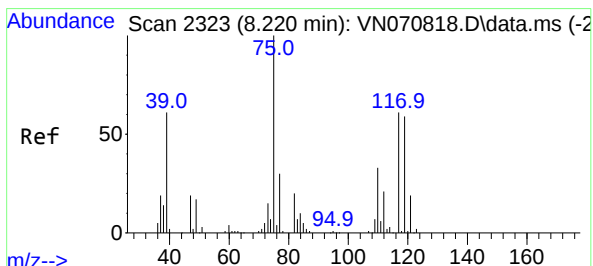
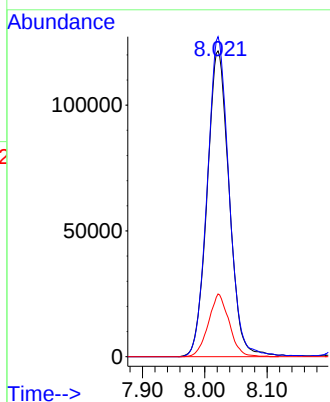
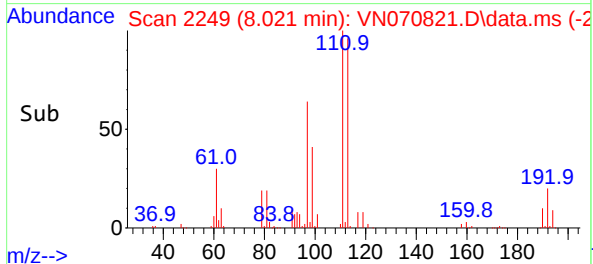
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



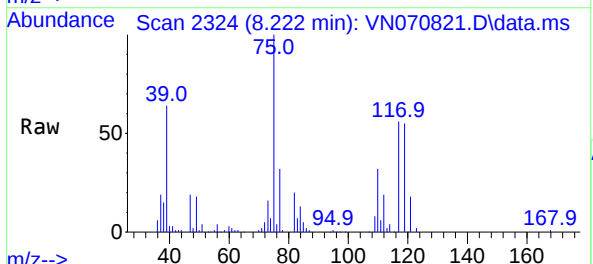
Tgt Ion:113 Resp: 299024
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.4 16.9 25.3

Manual Integrations
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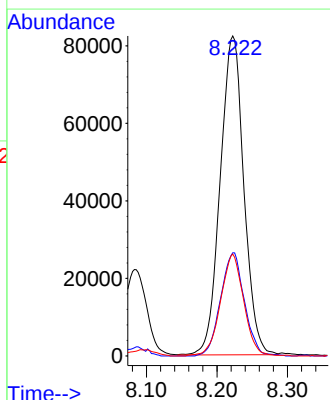
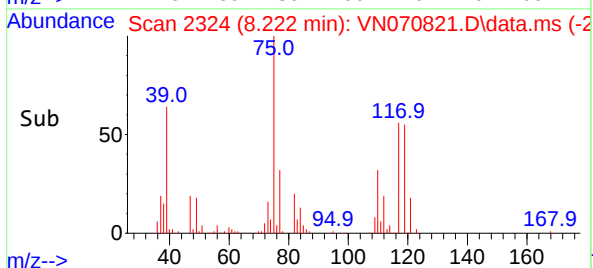
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

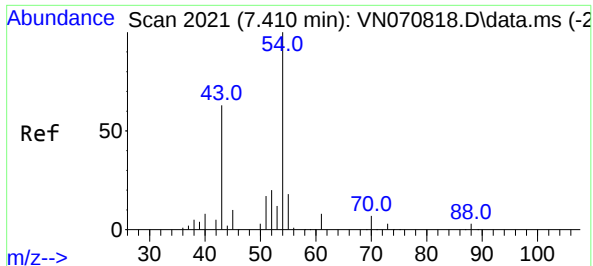


#36
1,1-Dichloropropene
Concen: 19.119 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion: 75 Resp: 191472
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 31.3 24.4 36.6





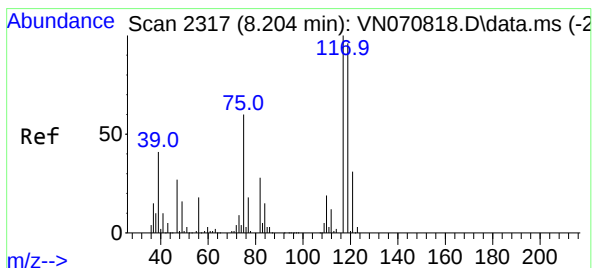
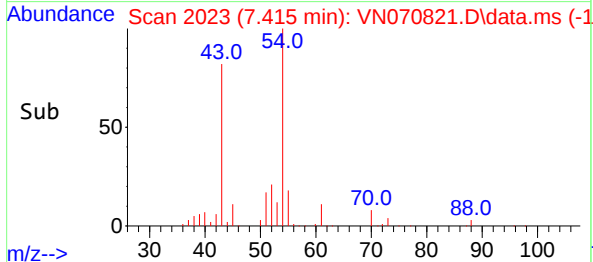
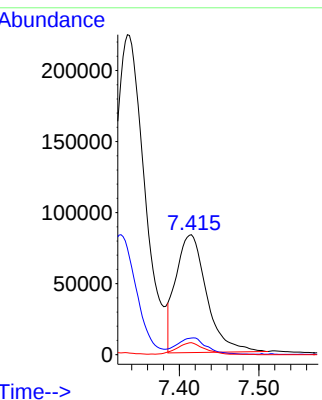
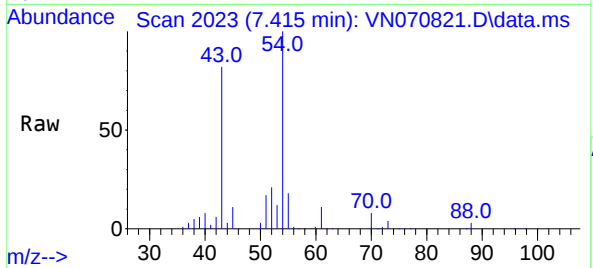
#37
Ethyl Acetate
Concen: 16.742 ug/l
RT: 7.415 min Scan# 2021
Delta R.T. 0.005 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 43 Resp: 222588
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 9.4 7.9 11.9

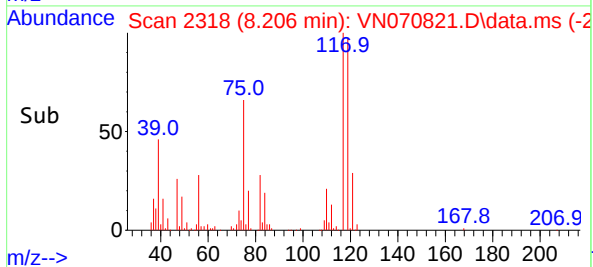
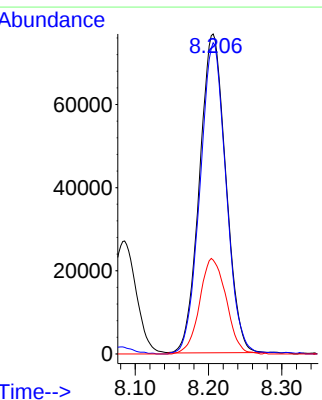
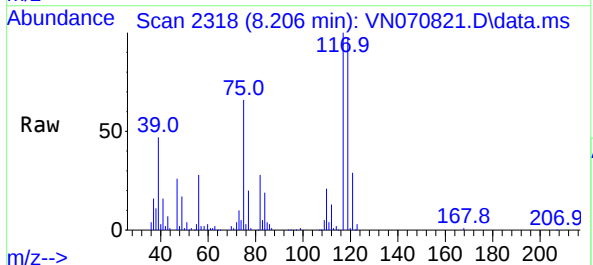
Manual Integrations
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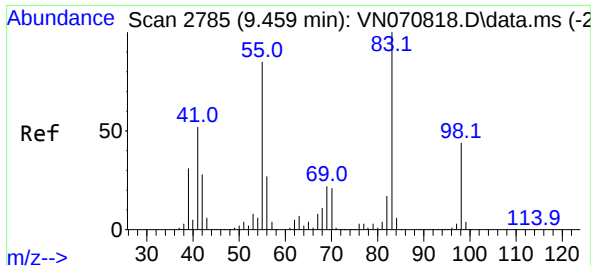
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#38
Carbon Tetrachloride
Concen: 21.458 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

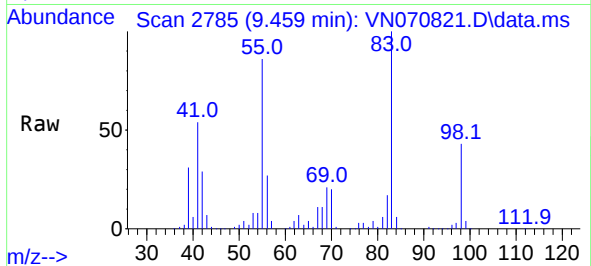
Tgt Ion:117 Resp: 191170
Ion Ratio Lower Upper
117 100
119 97.7 76.1 114.1
121 29.5 24.2 36.2





#39
Methylcyclohexane
Concen: 18.124 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

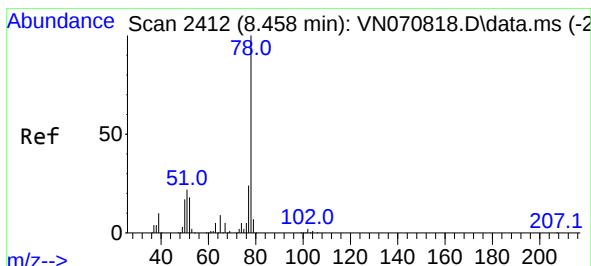
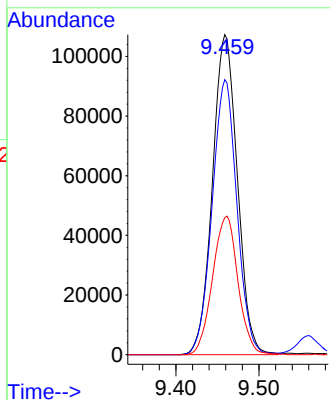
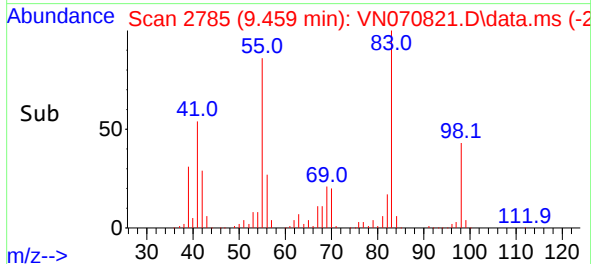
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



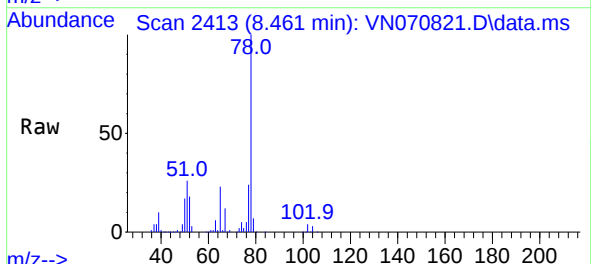
Tgt Ion: 83 Resp: 22406
Ion Ratio Lower Upper
83 100
55 86.0 58.1 87.1
98 42.8 38.4 57.6

Manual Integrations
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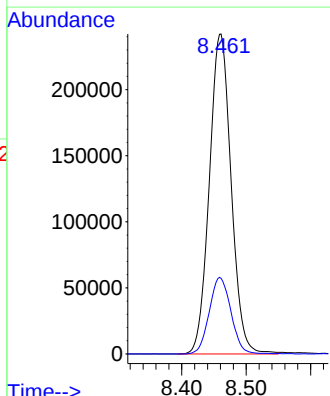
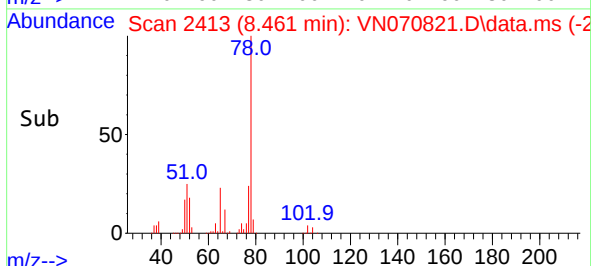
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

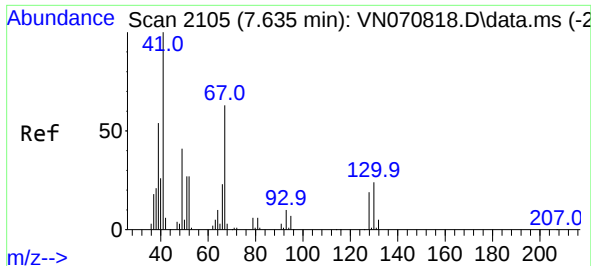


#40
Benzene
Concen: 18.325 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



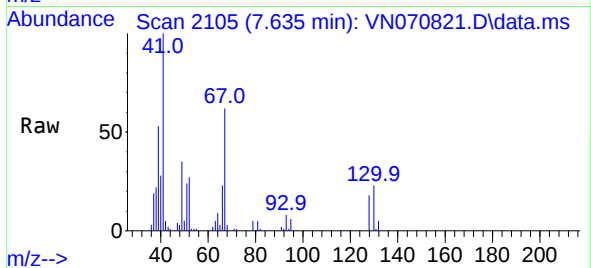
Tgt Ion: 78 Resp: 568636
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 17.396 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

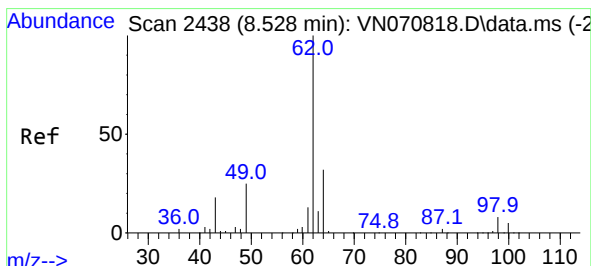
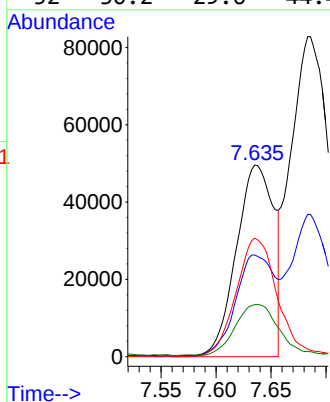
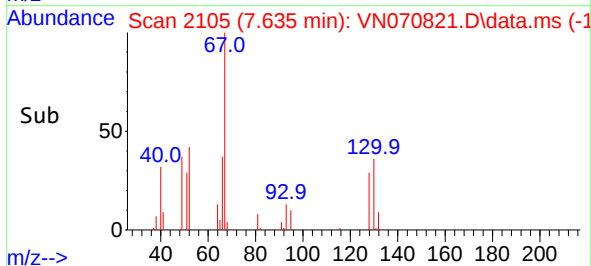
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 41 Resp: 11766
Ion Ratio Lower Upper
41 100
39 53.9 48.1 72.1
67 69.1 68.3 102.5
52 30.2 29.6 44.4

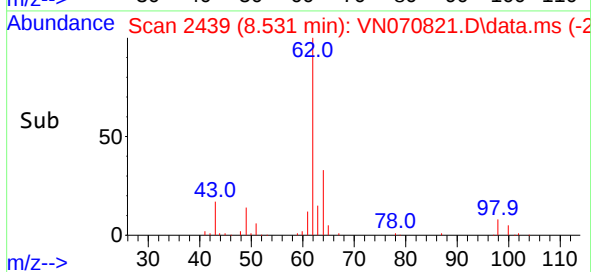
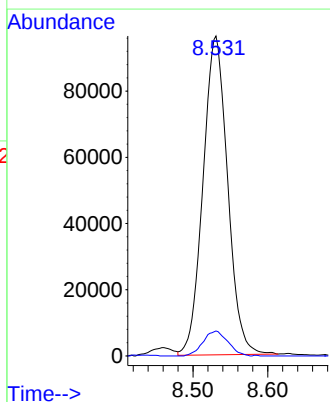
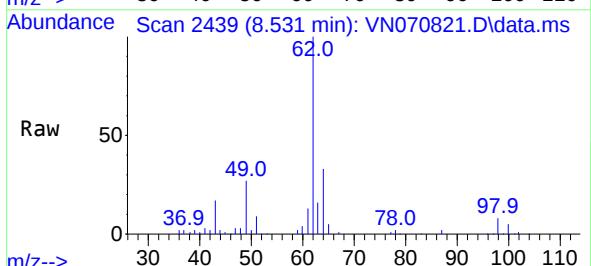
Manual Integrations
APPROVED

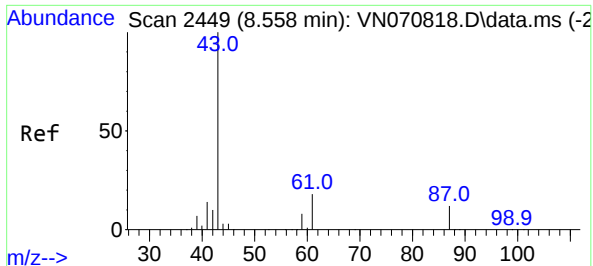
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#42
1,2-Dichloroethane
Concen: 20.500 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

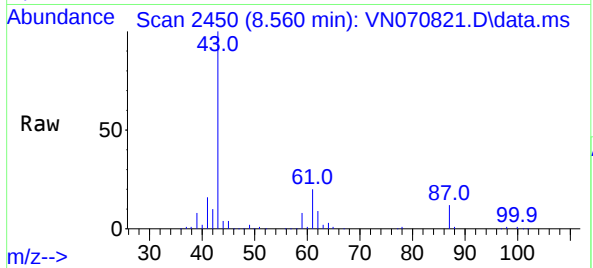
Tgt Ion: 62 Resp: 220570
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.874 ug/l
RT: 8.560 min Scan# 2449
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

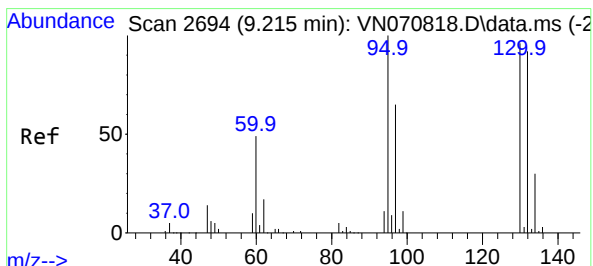
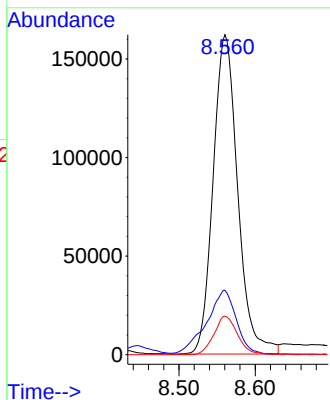
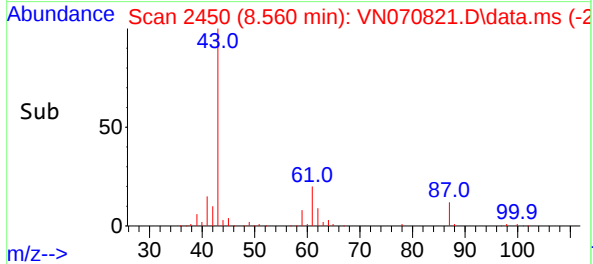
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 43 Resp: 362974
Ion Ratio Lower Upper
43 100
61 24.2 20.4 30.6
87 11.6 11.2 16.8

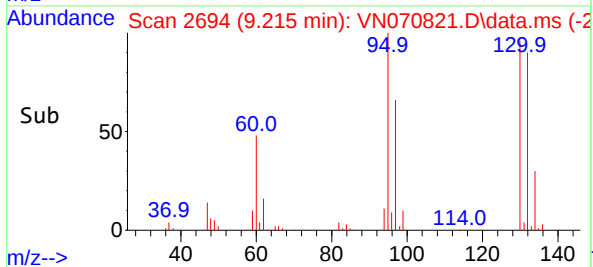
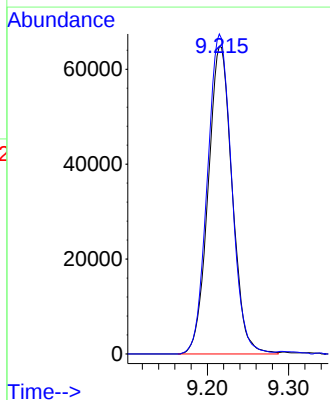
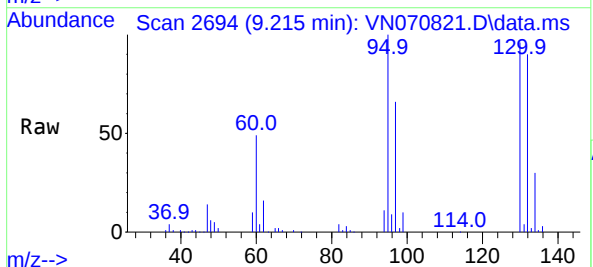
Manual Integrations
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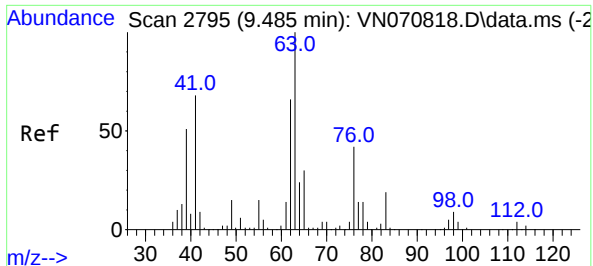
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#44
Trichloroethene
Concen: 18.930 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Tgt Ion:130 Resp: 133167
Ion Ratio Lower Upper
130 100
95 104.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.329 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070821.D

Acq: 28 Jan 2022 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

Tgt Ion: 63 Resp: 15474

Ion Ratio Lower Upper

63 100

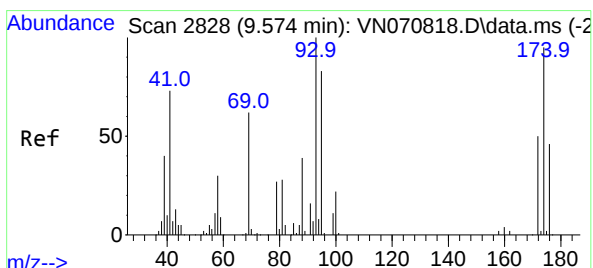
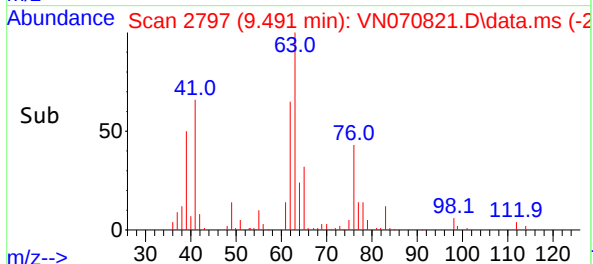
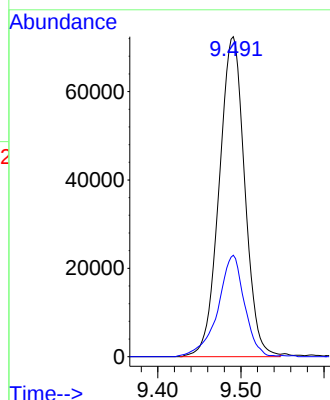
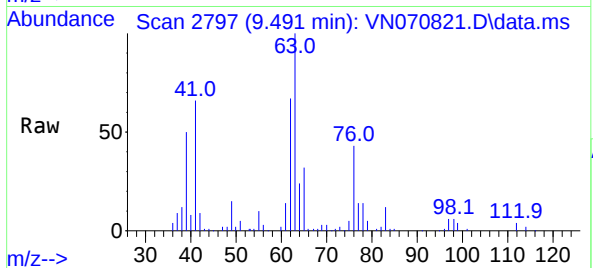
65 31.4 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 01/31/2022

Supervised By :Mahesh Dadoda 01/31/2022



#46

Dibromomethane

Concen: 19.477 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070821.D

Acq: 28 Jan 2022 11:47

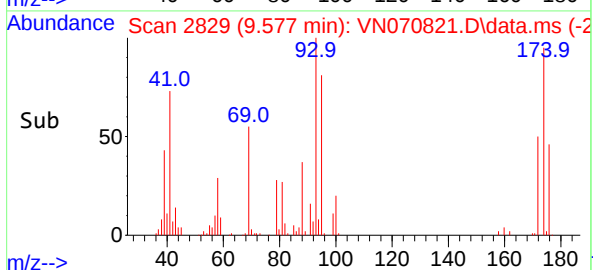
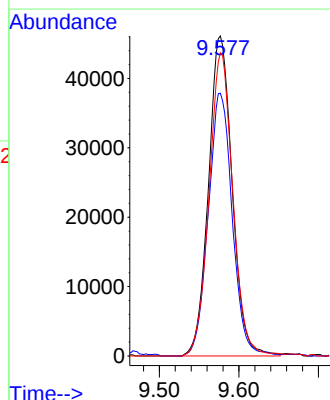
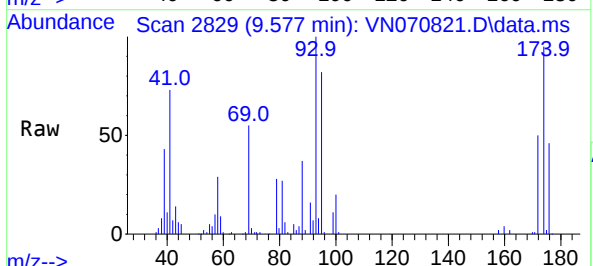
Tgt Ion: 93 Resp: 95612

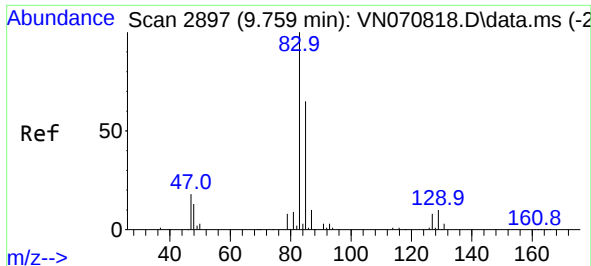
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

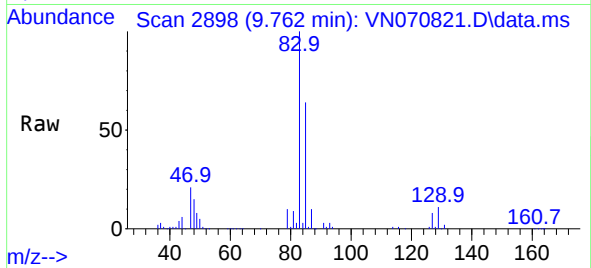
174 94.6 84.6 127.0





#47
Bromodichloromethane
Concen: 19.876 ug/l
RT: 9.762 min Scan# 2897
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

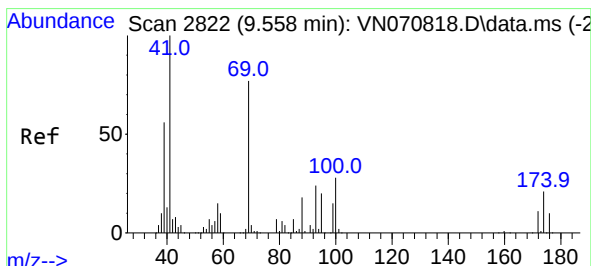
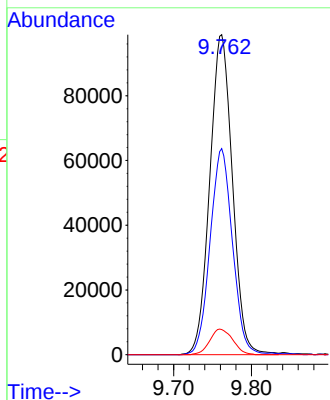
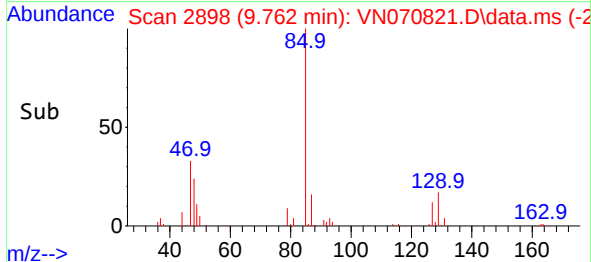
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



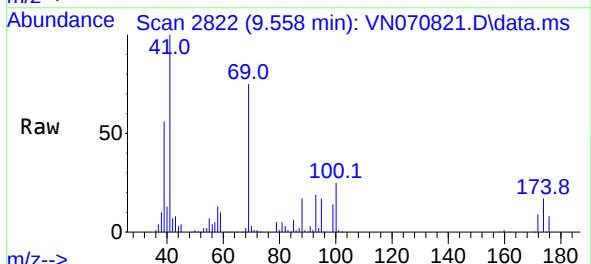
Tgt Ion: 83 Resp: 199450
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 7.9 7.1 10.7

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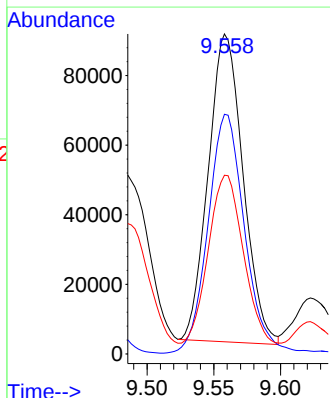
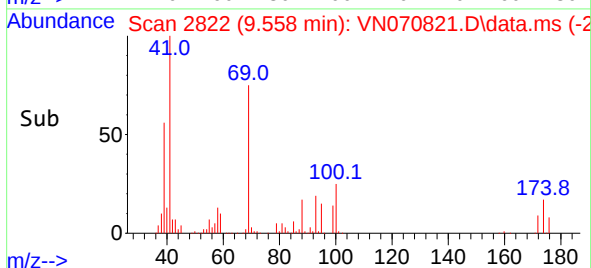
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

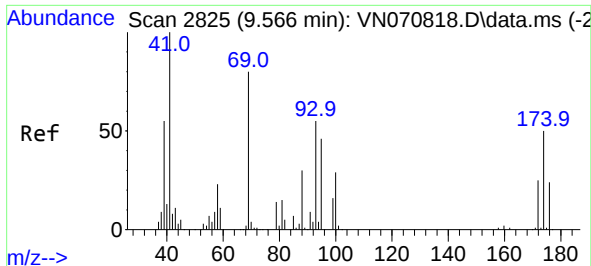


#48
Methyl methacrylate
Concen: 16.592 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



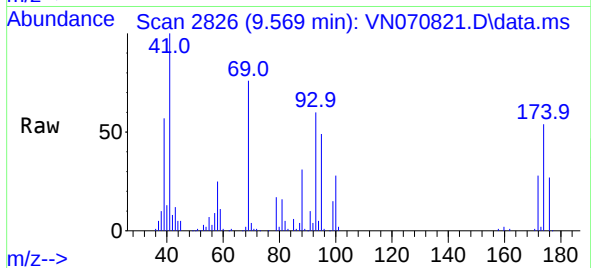
Tgt Ion: 41 Resp: 160521
Ion Ratio Lower Upper
41 100
69 81.5 72.4 108.6
39 56.0 58.4 87.6





#49
1,4-Dioxane
Concen: 314.659 ug/l
RT: 9.569 min Scan# 2825
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

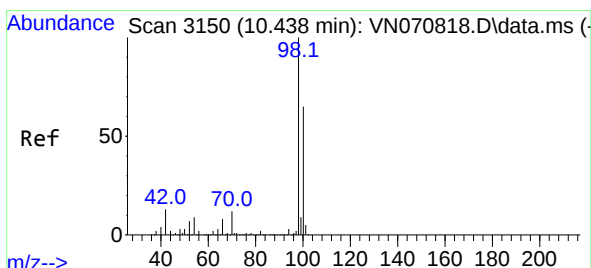
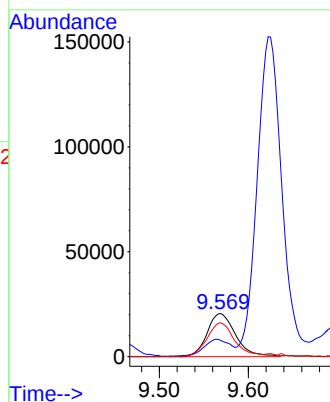
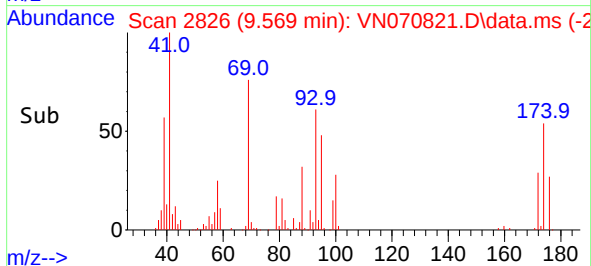
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 88 Resp: 45720
Ion Ratio Lower Upper
88 100
43 35.1 23.4 35.2
58 75.8 50.6 75.8

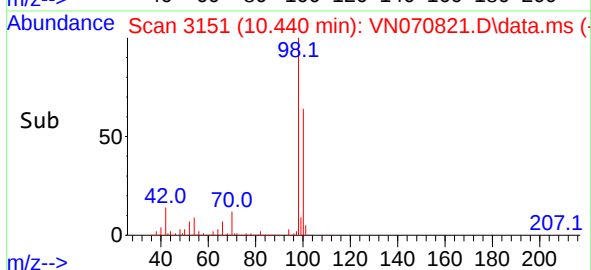
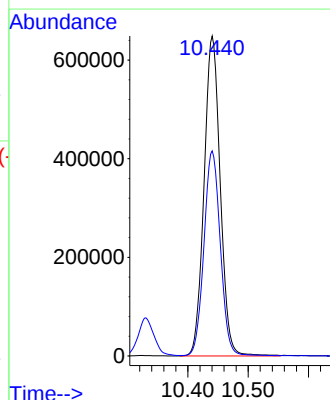
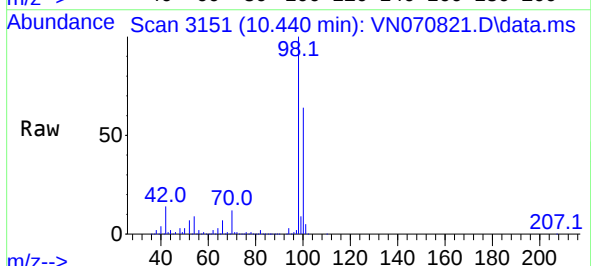
Manual Integrations
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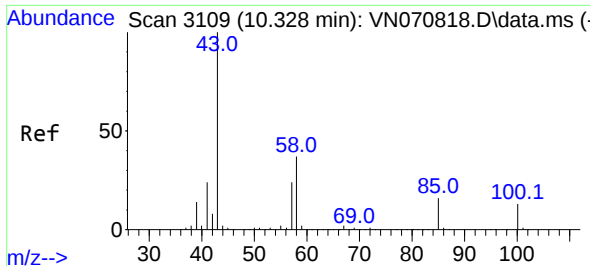
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#50
Toluene-d8
Concen: 48.361 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Tgt Ion: 98 Resp: 1211930
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





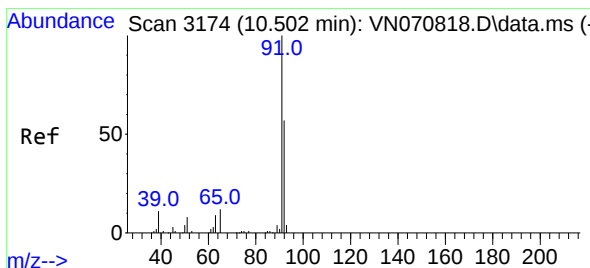
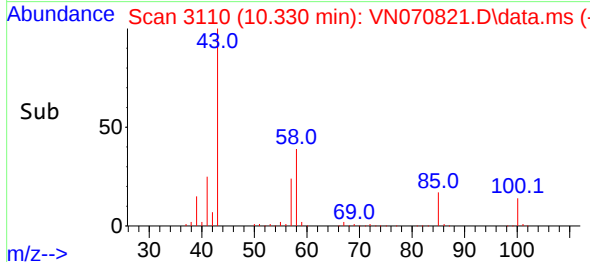
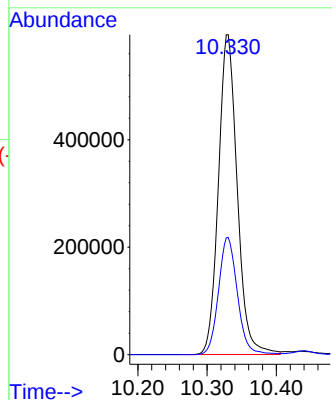
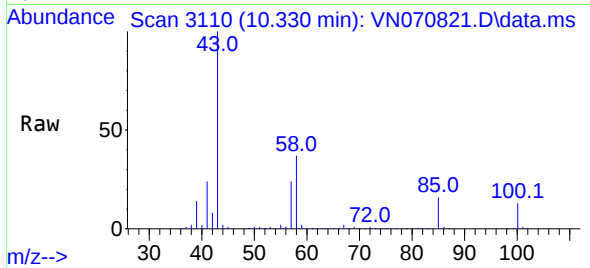
#51
4-Methyl-2-Pentanone
Concen: 86.672 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 43 Resp: 1123099
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

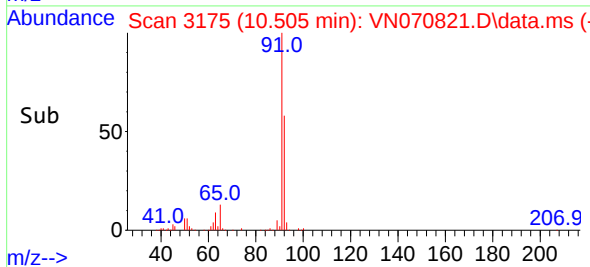
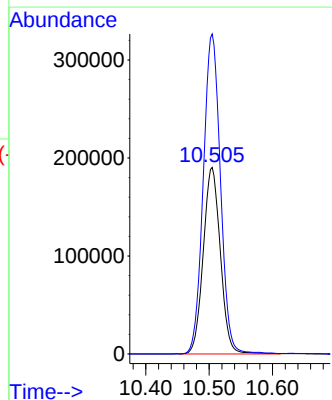
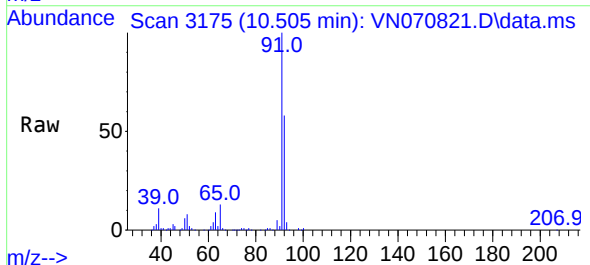
Manual Integrations
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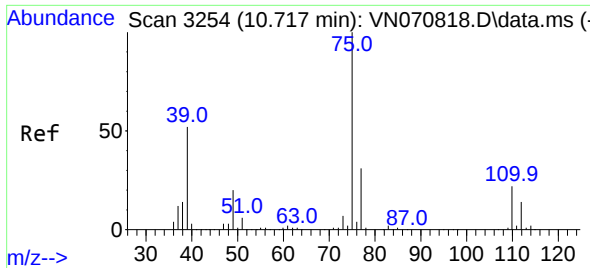
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#52
Toluene
Concen: 19.227 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Tgt Ion: 92 Resp: 356891
Ion Ratio Lower Upper
92 100
91 172.5 142.0 213.0





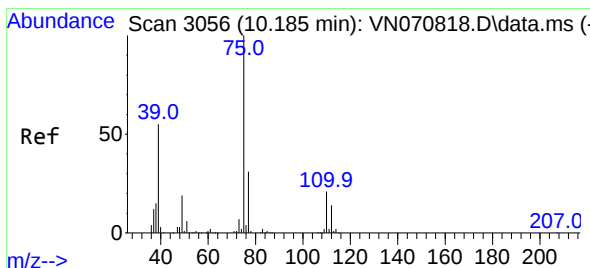
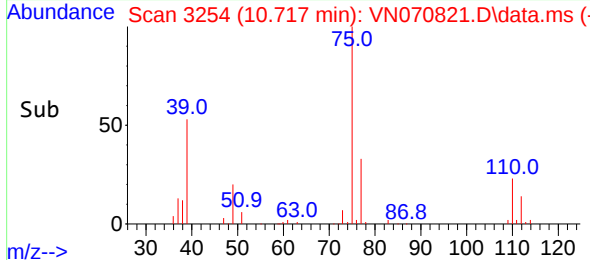
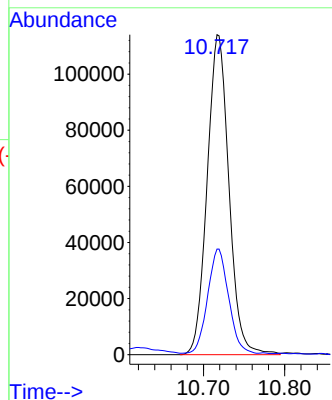
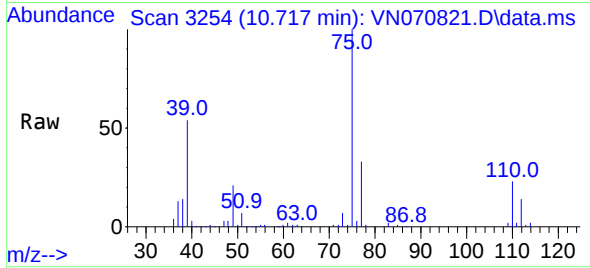
#53
t-1,3-Dichloropropene
Concen: 18.999 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 75 Resp: 21214
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4

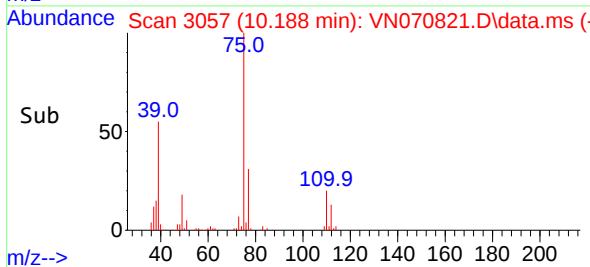
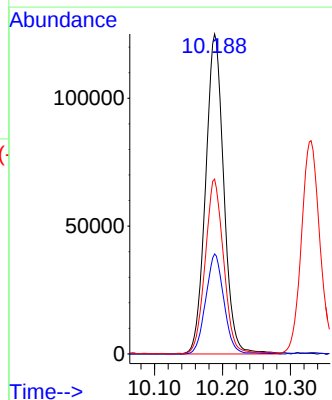
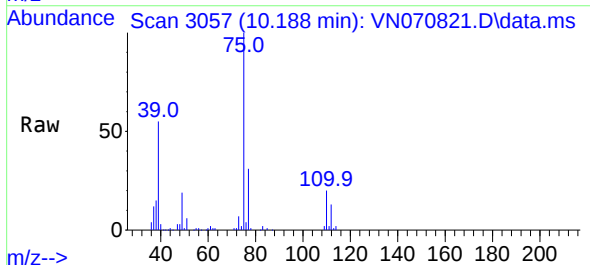
Manual Integrations
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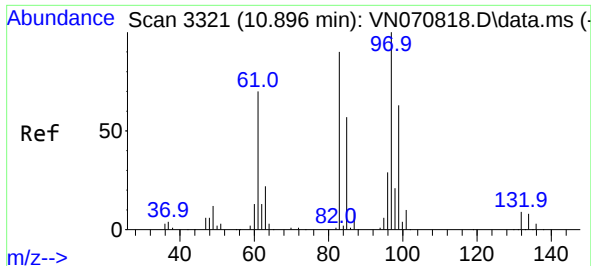
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#54
cis-1,3-Dichloropropene
Concen: 19.381 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

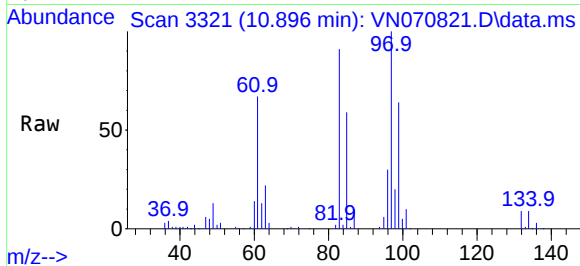
Tgt Ion: 75 Resp: 233233
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 54.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.582 ug/l
RT: 10.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

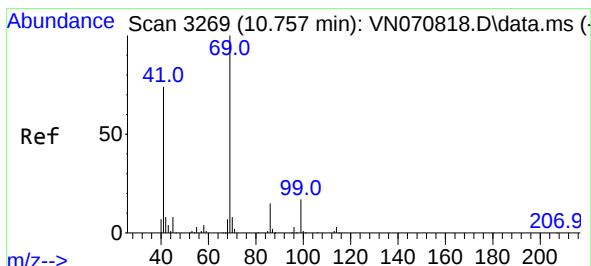
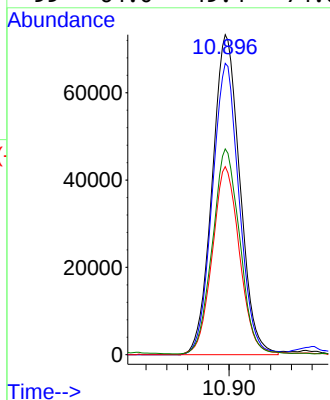
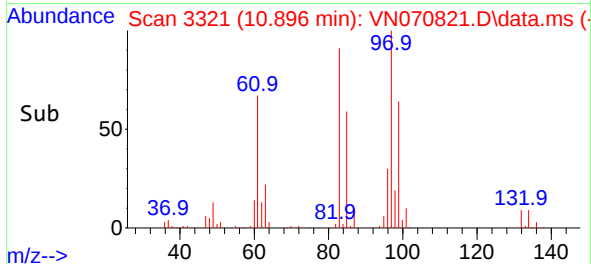


Tgt Ion: 97 Resp: 135494

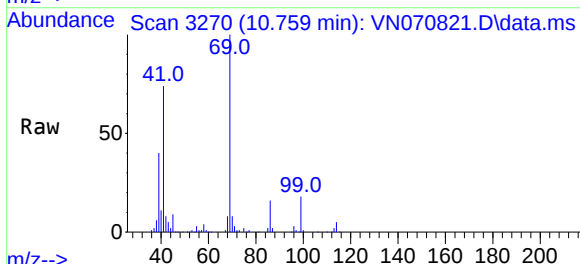
Ion	Ratio	Lower	Upper
97	100		
83	91.1	67.8	101.6
85	58.8	45.4	68.2
99	64.0	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

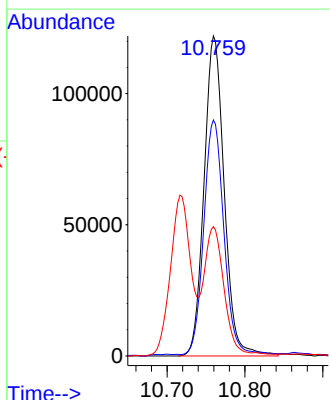
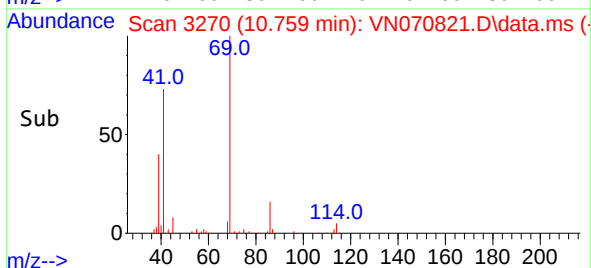


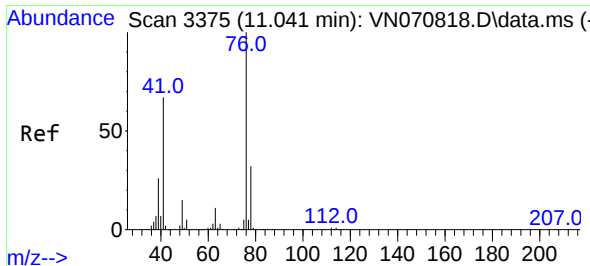
#56
Ethyl methacrylate
Concen: 17.420 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.001 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion: 69 Resp: 219779

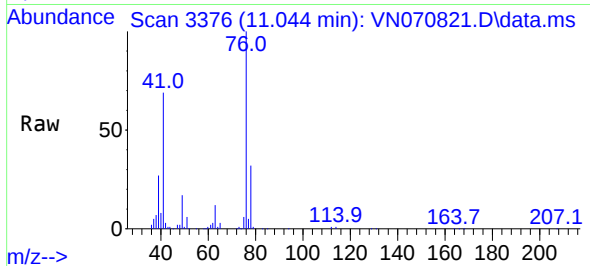
Ion	Ratio	Lower	Upper
69	100		
41	73.2	51.4	77.0
39	37.8	34.6	52.0





#57
1,3-Dichloropropane
Concen: 18.831 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

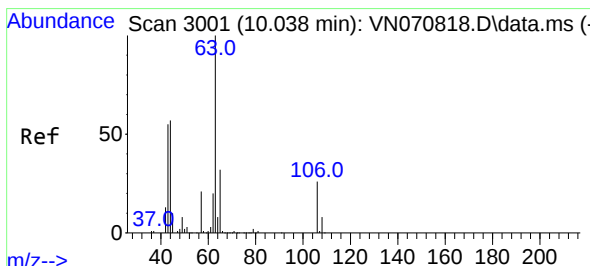
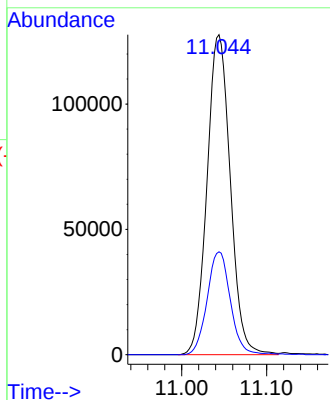
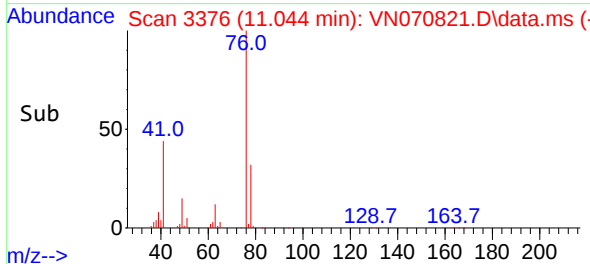
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



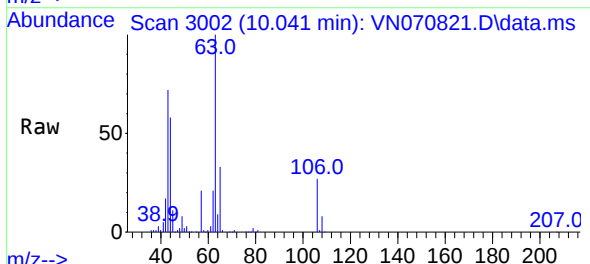
Tgt Ion: 76 Resp: 243085
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
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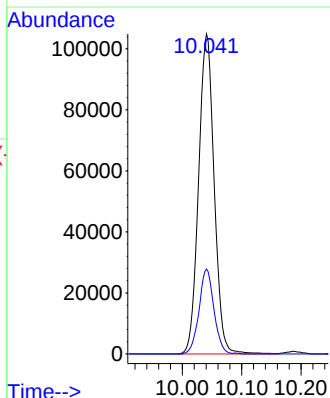
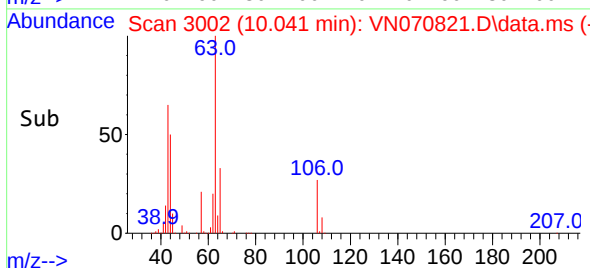
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

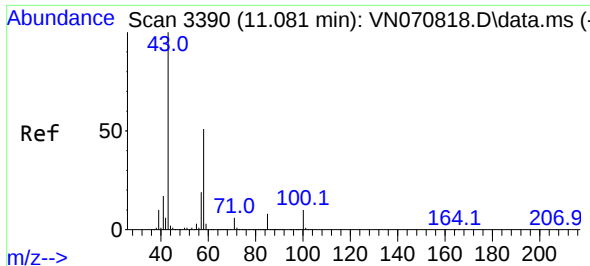


#58
2-Chloroethyl Vinyl ether
Concen: 71.025 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



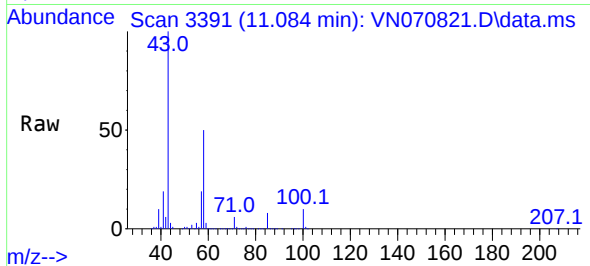
Tgt Ion: 63 Resp: 191419
Ion Ratio Lower Upper
63 100
106 25.3 23.9 35.9





#59
2-Hexanone
Concen: 85.900 ug/l
RT: 11.084 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

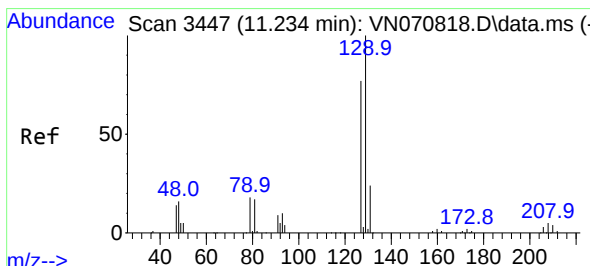
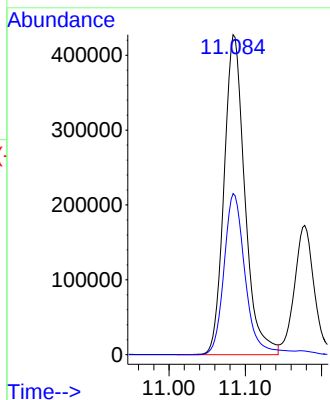
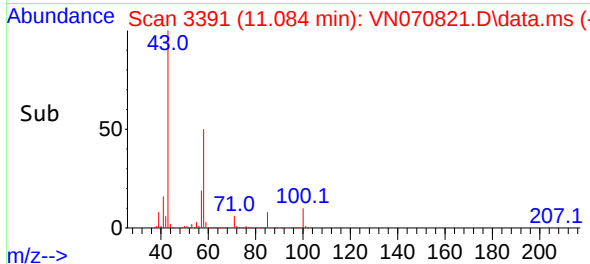
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 43 Resp: 80861
Ion Ratio Lower Upper
43 100
58 51.4 26.9 80.7

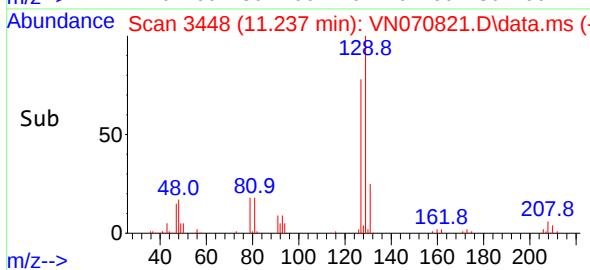
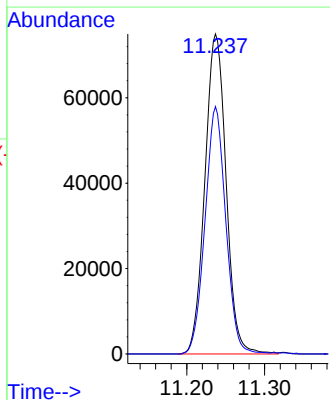
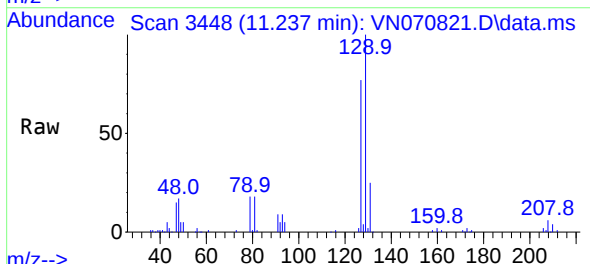
Manual Integrations
APPROVED

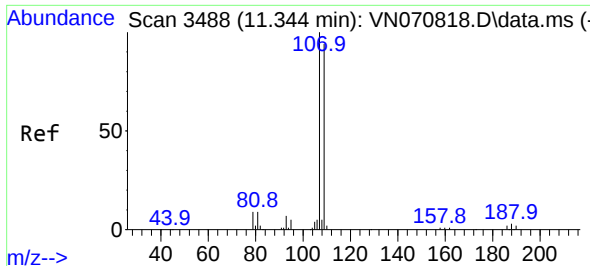
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#60
Dibromochloromethane
Concen: 20.864 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

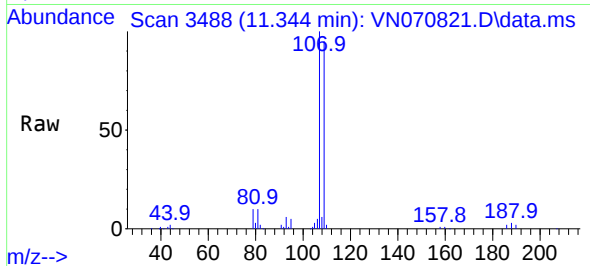
Tgt Ion:129 Resp: 141908
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.632 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

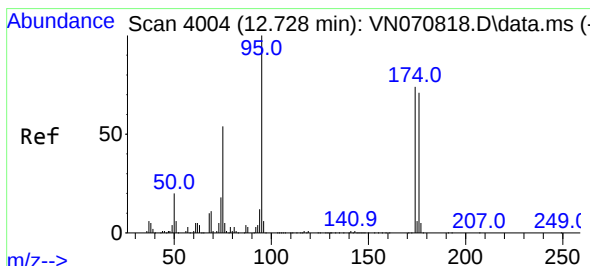
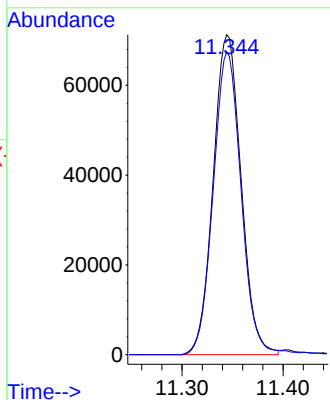
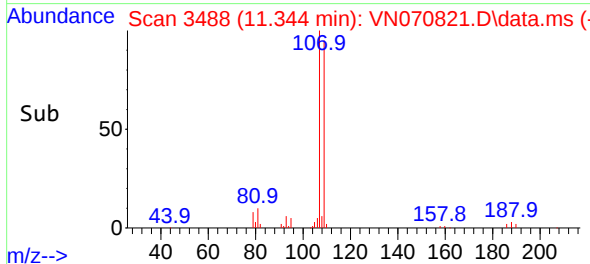
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



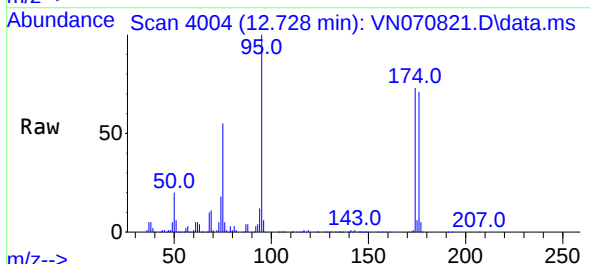
Tgt Ion:107 Resp: 136404
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

Manual Integrations
APPROVED

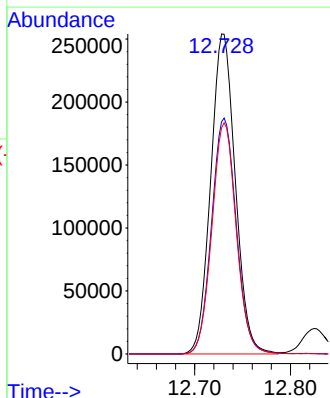
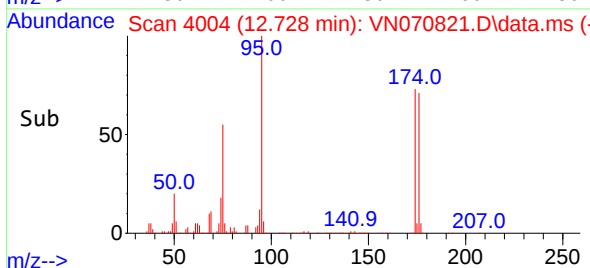
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

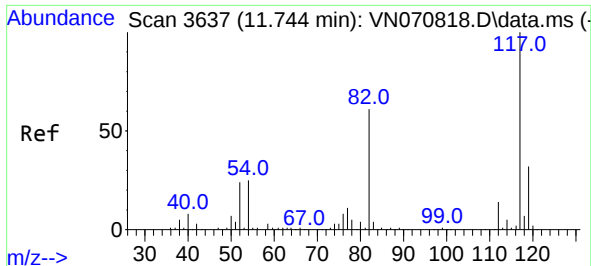


#62
4-Bromofluorobenzene
Concen: 50.678 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



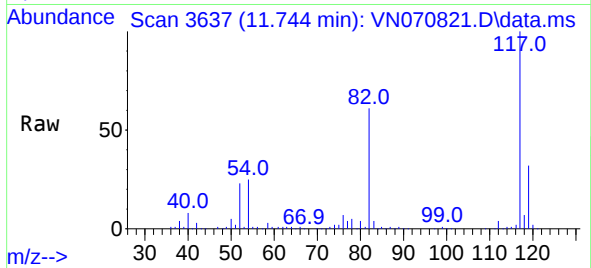
Tgt Ion: 95 Resp: 452557
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

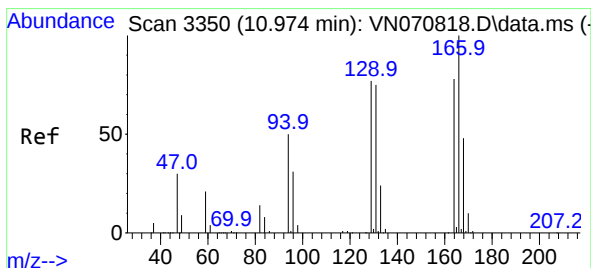
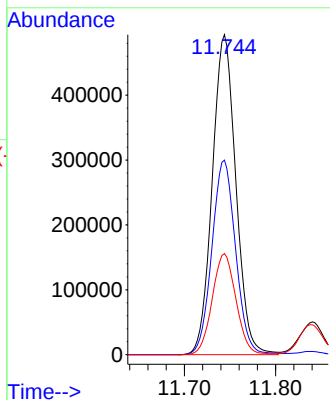
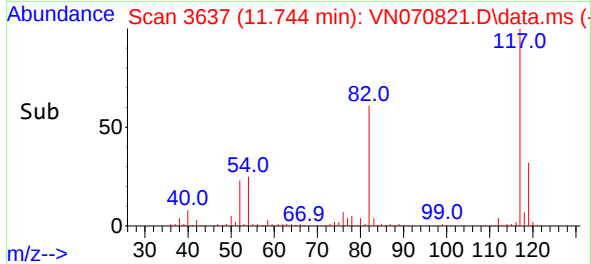
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



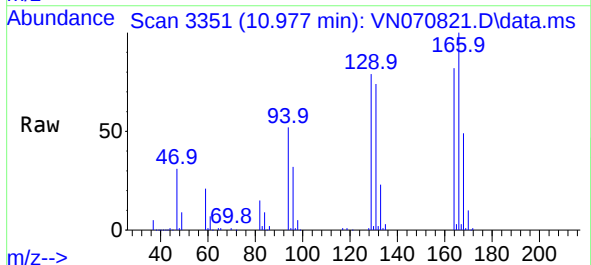
Tgt Ion:117 Resp: 887348
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
APPROVED

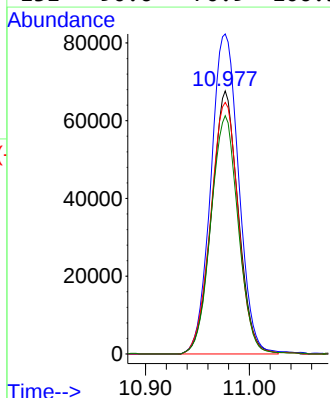
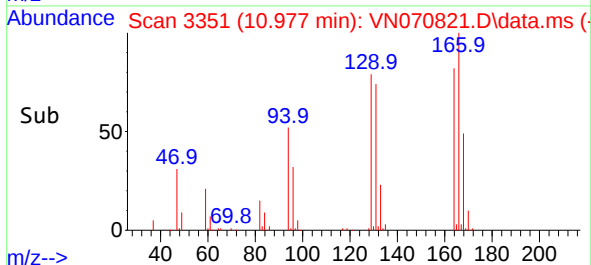
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

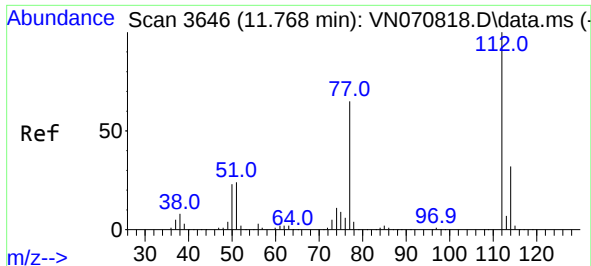


#64
Tetrachloroethene
Concen: 18.575 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



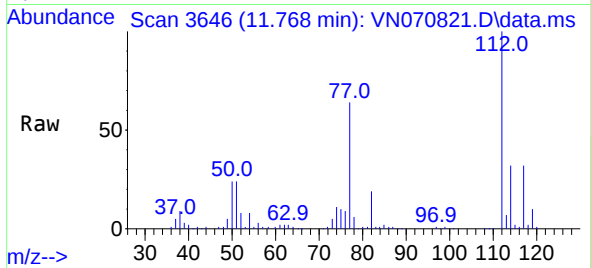
Tgt Ion:164 Resp: 120851
Ion Ratio Lower Upper
164 100
166 121.7 101.9 152.9
129 95.6 72.0 108.0
131 90.6 70.9 106.3





#65
Chlorobenzene
Concen: 19.243 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

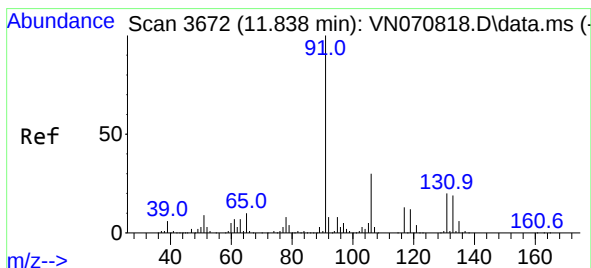
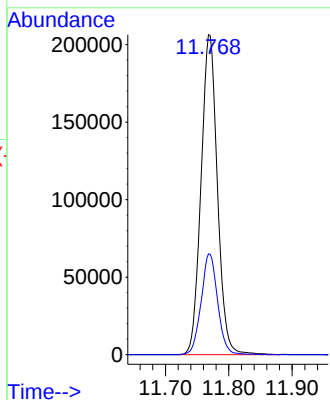
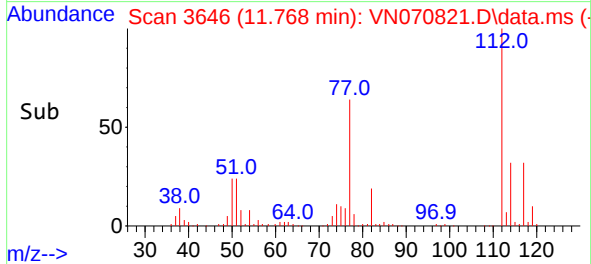
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



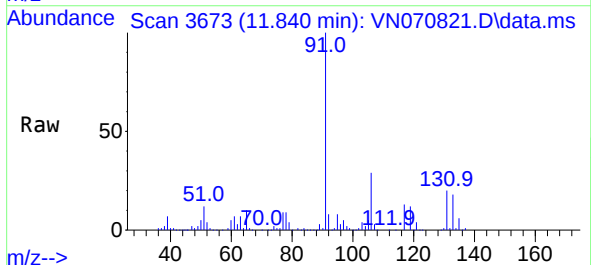
Tgt Ion:112 Resp: 36995
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
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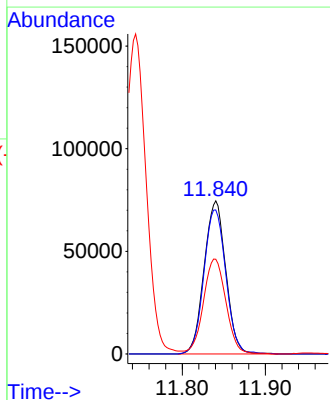
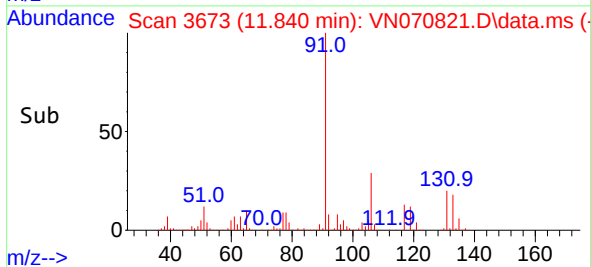
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

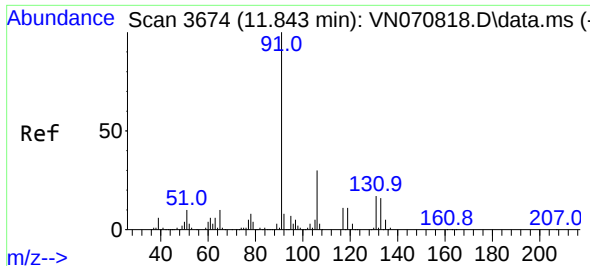


#66
1,1,1,2-Tetrachloroethane
Concen: 20.405 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



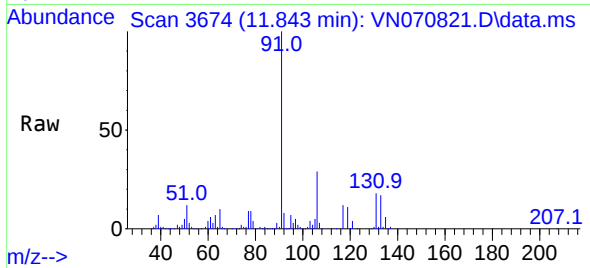
Tgt Ion:131 Resp: 135086
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 19.432 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

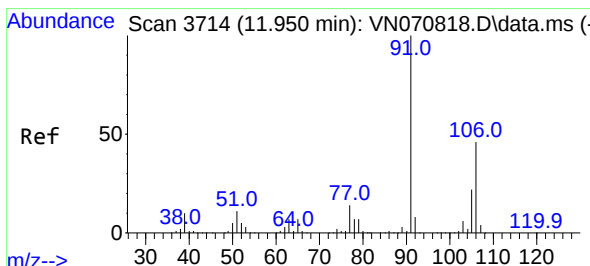
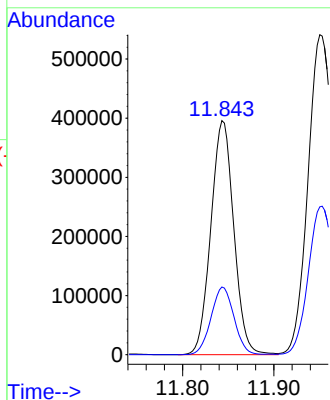
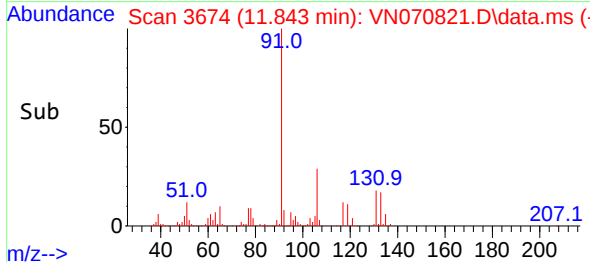
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



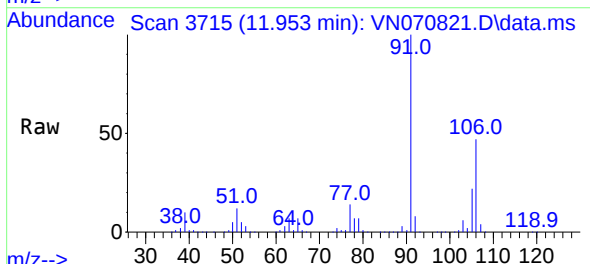
Tgt Ion: 91 Resp: 69262
Ion Ratio Lower Upper
91 100
106 28.9 25.7 38.5

Manual Integrations
APPROVED

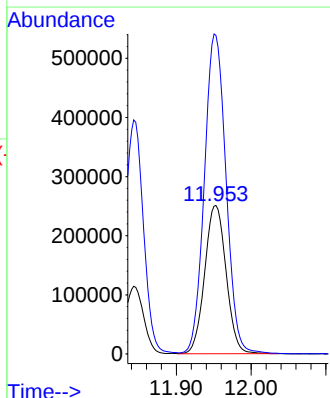
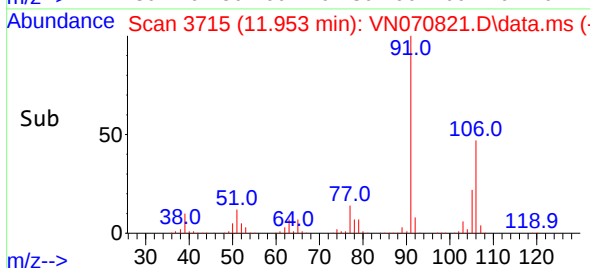
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

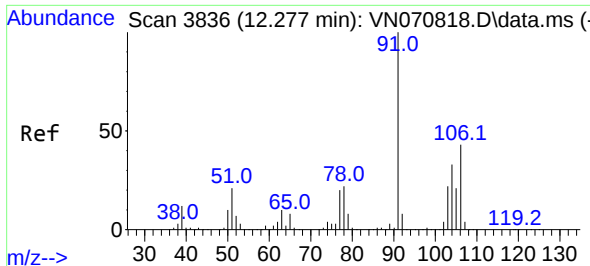


#68
m/p-Xylenes
Concen: 38.588 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion:106 Resp: 500368
Ion Ratio Lower Upper
106 100
91 217.8 160.6 240.8





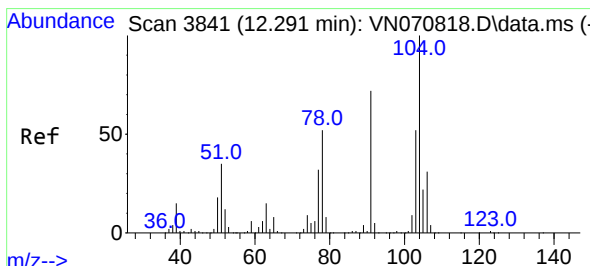
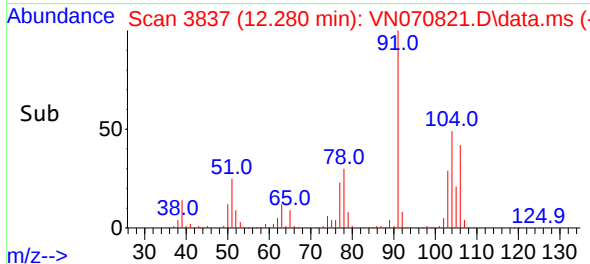
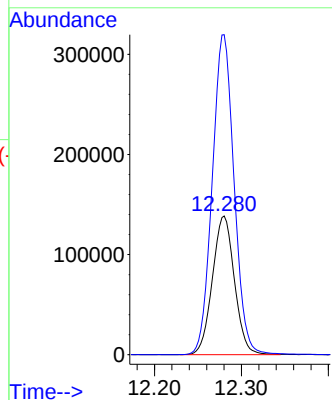
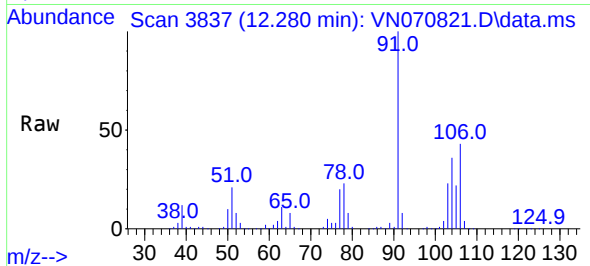
#69
o-Xylene
Concen: 18.965 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:106 Resp: 244044
Ion Ratio Lower Upper
106 100
91 229.2 105.8 317.3

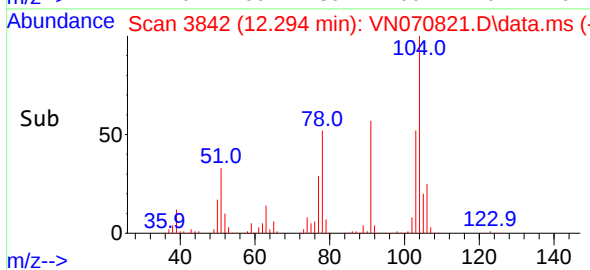
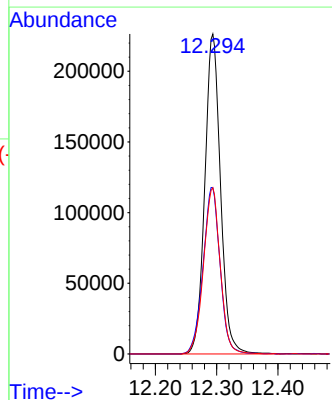
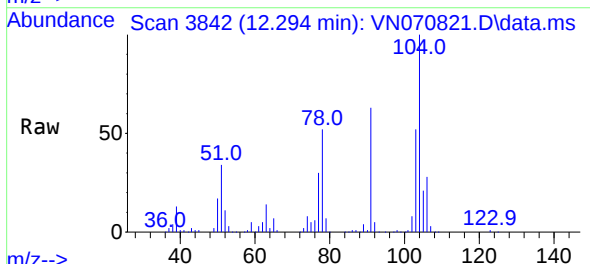
Manual Integrations
APPROVED

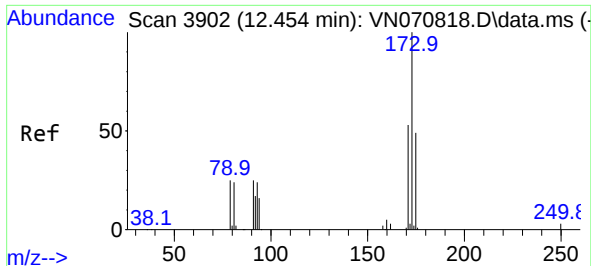
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#70
Styrene
Concen: 19.610 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

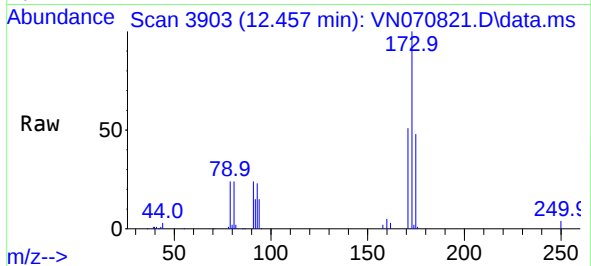
Tgt Ion:104 Resp: 403694
Ion Ratio Lower Upper
104 100
78 56.4 38.7 58.1
103 55.3 45.0 67.6





#71
Bromoform
Concen: 20.504 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

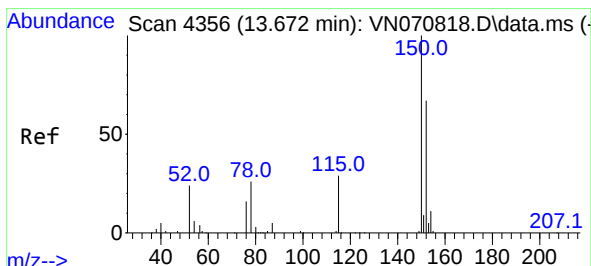
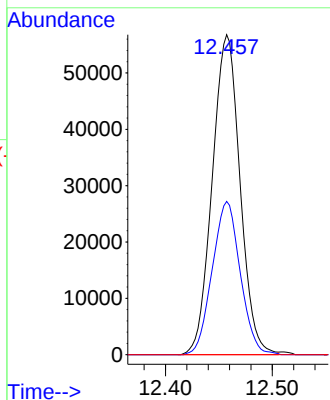
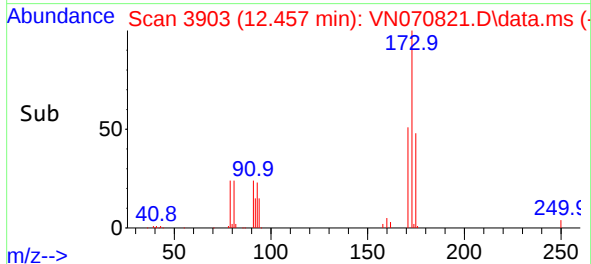
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



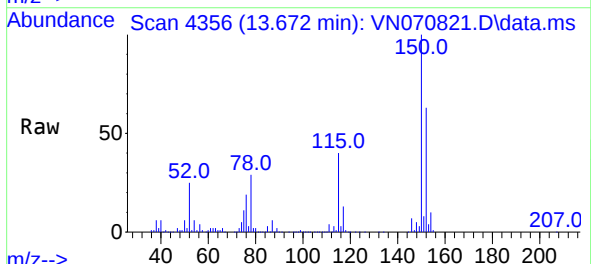
Tgt Ion:173 Resp: 102539
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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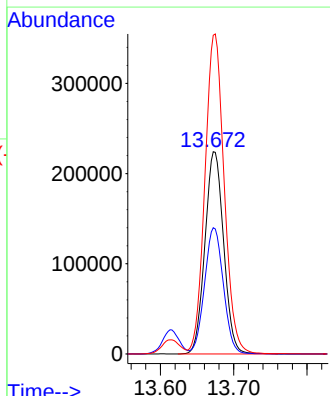
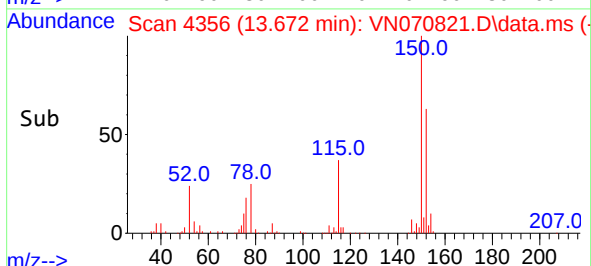
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

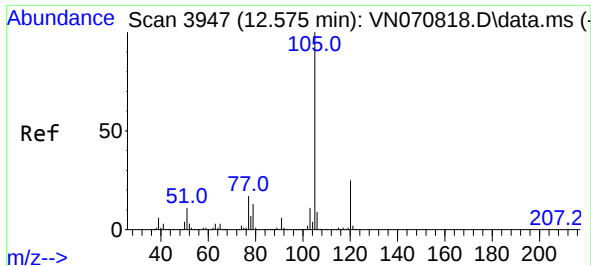


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion:152 Resp: 398029
Ion Ratio Lower Upper
152 100
115 62.6 27.5 82.5
150 162.4 0.0 344.4





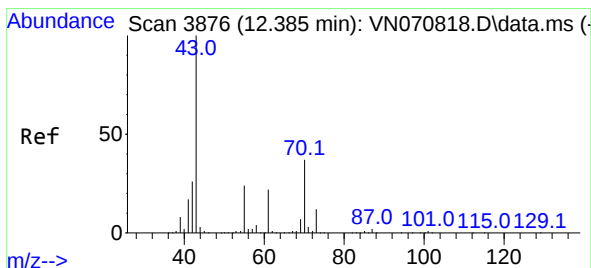
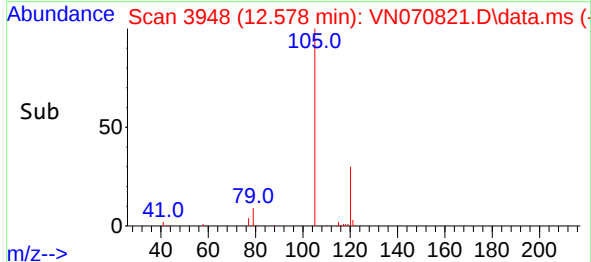
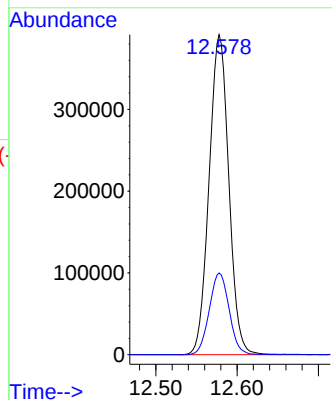
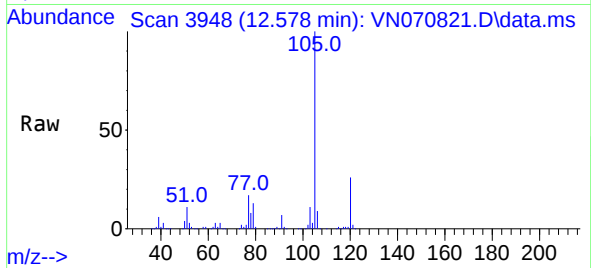
#73
Isopropylbenzene
Concen: 17.518 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:105 Resp: 65966
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

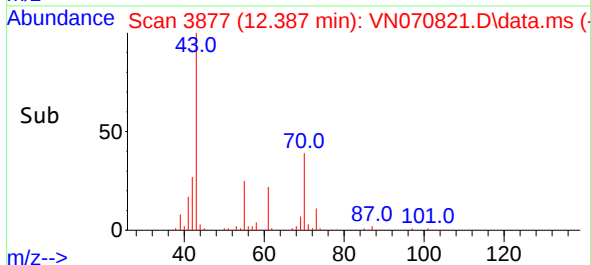
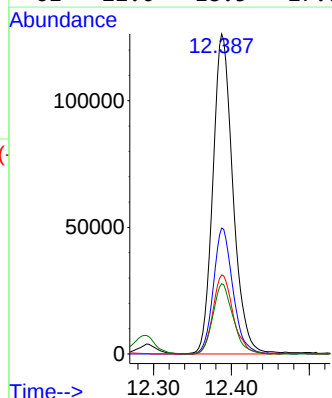
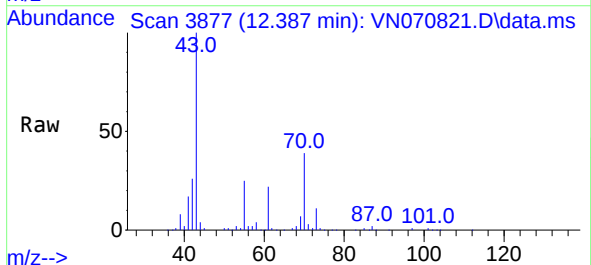
Manual Integrations
APPROVED

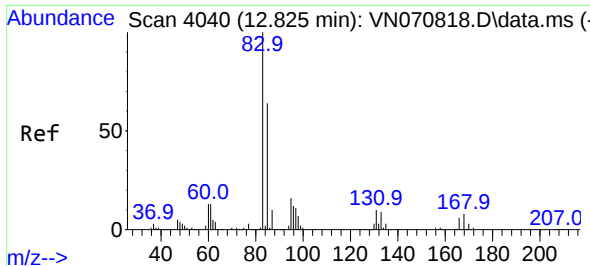
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#74
N-ethyl acetate
Concen: 14.685 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

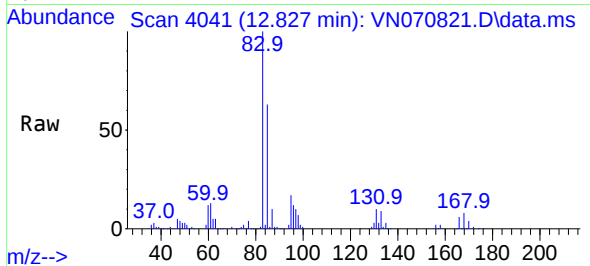
Tgt Ion: 43 Resp: 226087
Ion Ratio Lower Upper
43 100
70 38.3 33.4 50.0
55 24.8 19.3 28.9
61 22.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 16.599 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

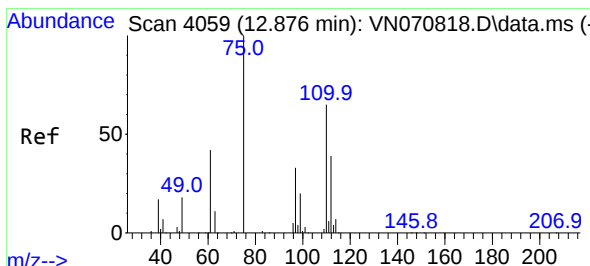
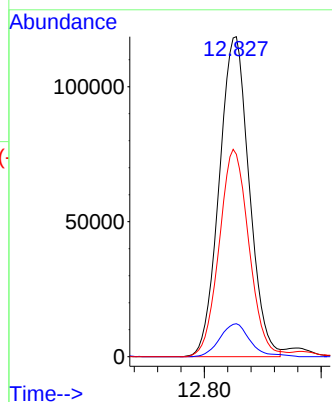
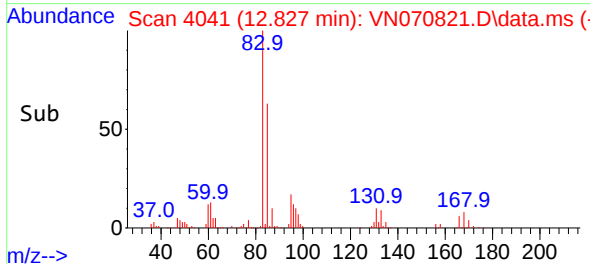
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



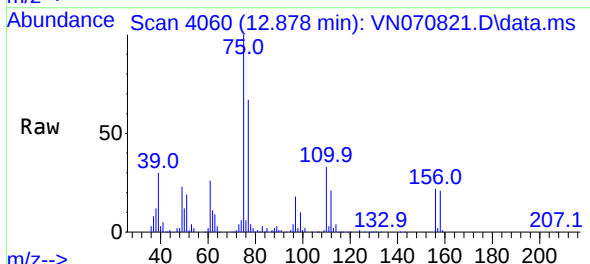
Tgt Ion: 83 Resp: 211099
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 64.5 32.4 97.2

Manual Integrations
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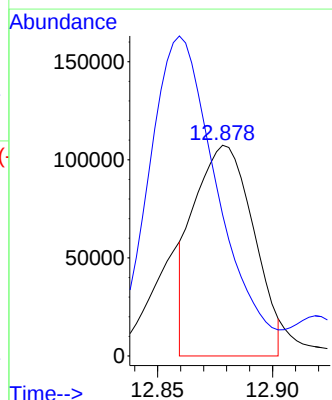
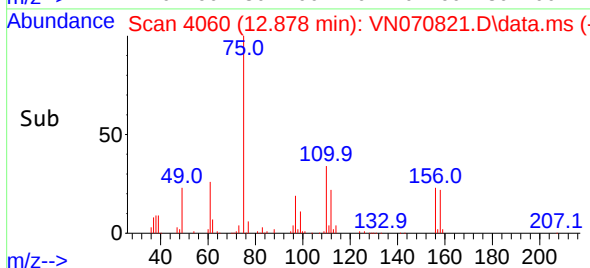
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

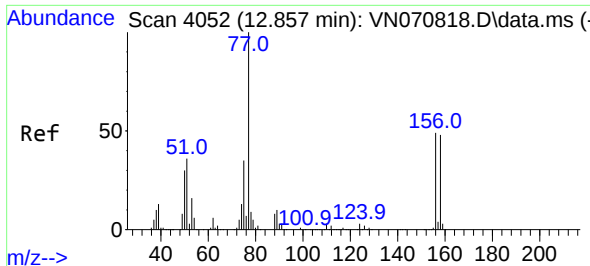


#76
1,2,3-Trichloropropane
Concen: 18.274 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



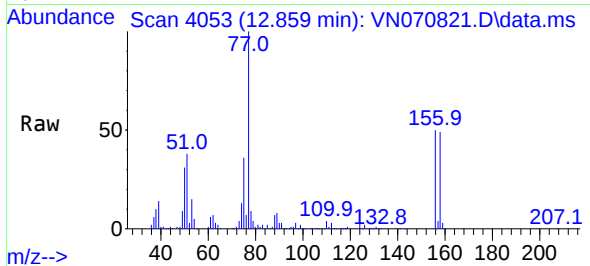
Tgt Ion: 75 Resp: 192919
Ion Ratio Lower Upper
75 100
77 177.1 82.6 247.8





#77
Bromobenzene
Concen: 17.685 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.001 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

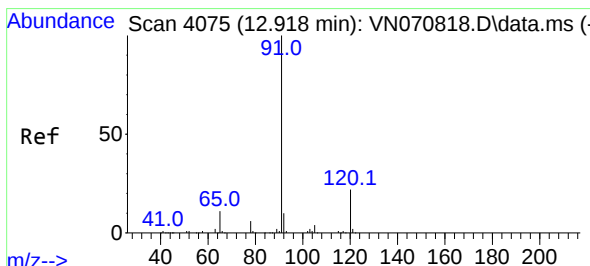
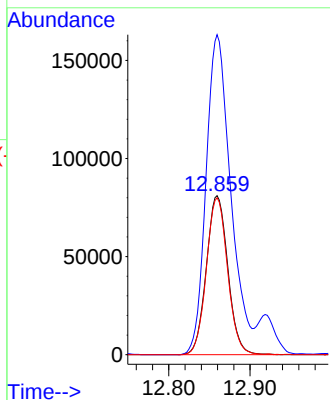
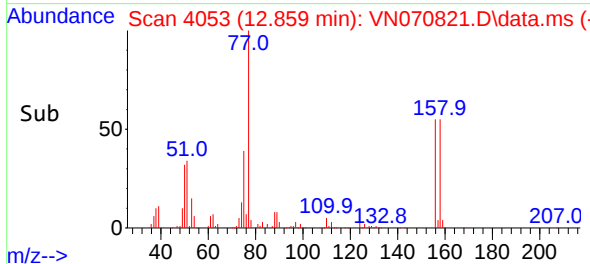
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



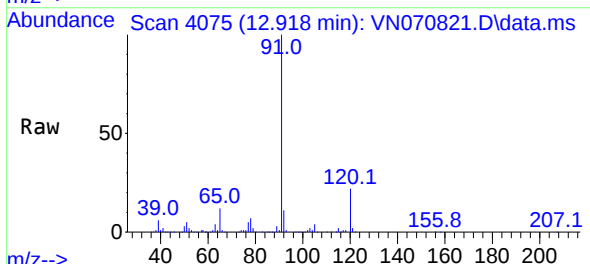
Tgt Ion:156 Resp: 149308
Ion Ratio Lower Upper
156 100
77 228.9 90.6 271.8
158 97.1 48.9 146.7

Manual Integrations
APPROVED

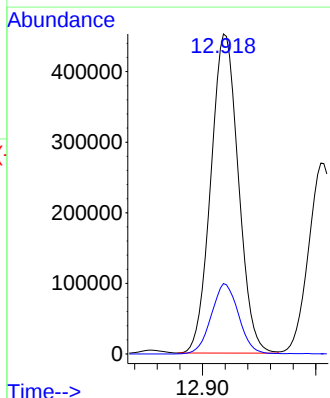
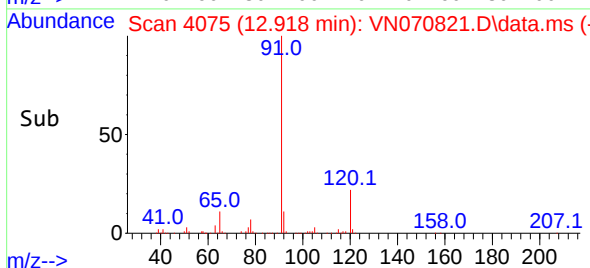
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

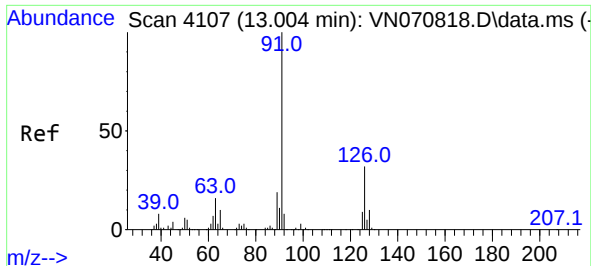


#78
n-propylbenzene
Concen: 18.133 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion: 91 Resp: 763608
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





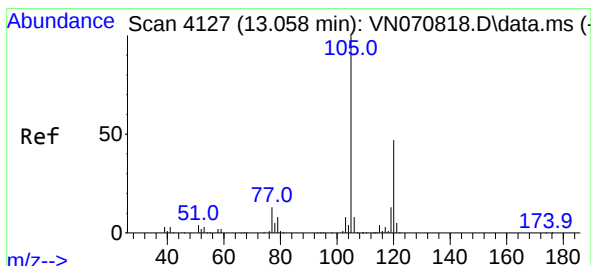
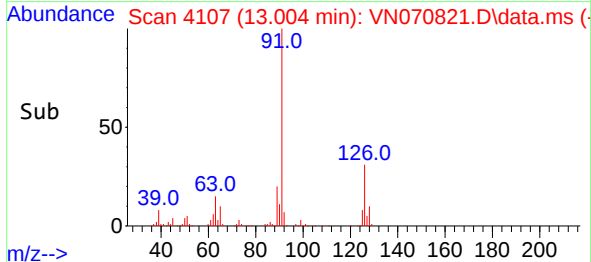
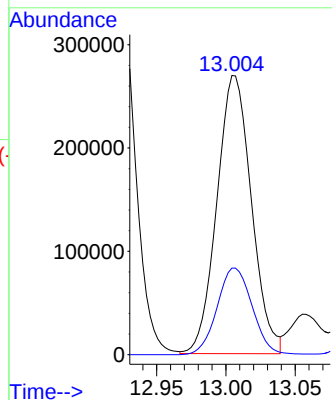
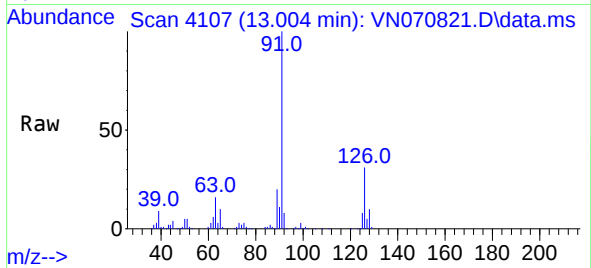
#79
2-Chlorotoluene
Concen: 17.549 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 91 Resp: 467480
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

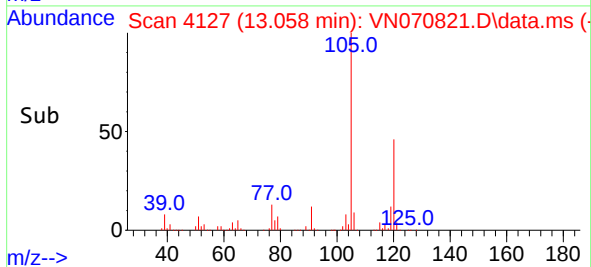
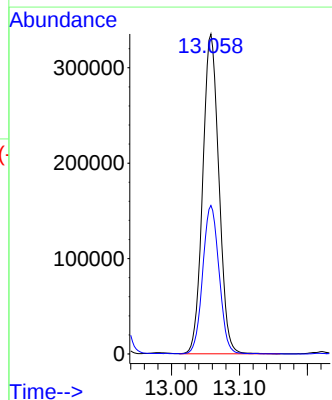
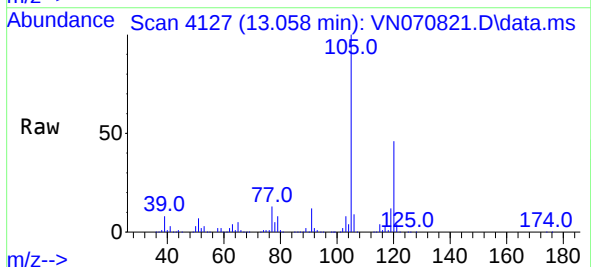
Manual Integrations
APPROVED

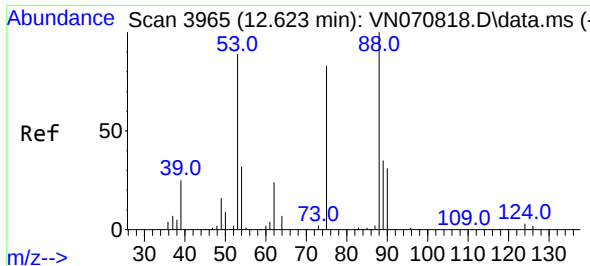
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.185 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

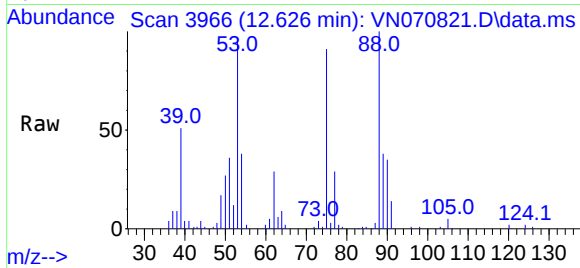
Tgt Ion:105 Resp: 553770
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 15.996 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

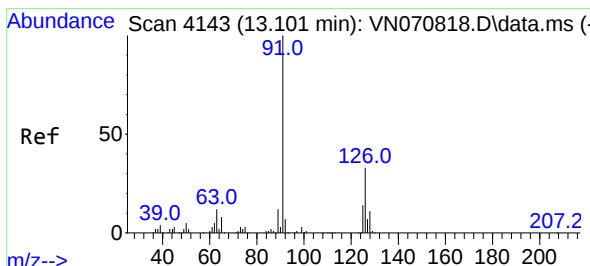
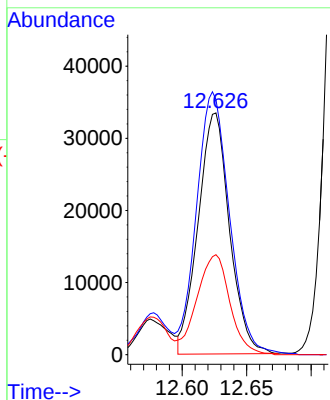
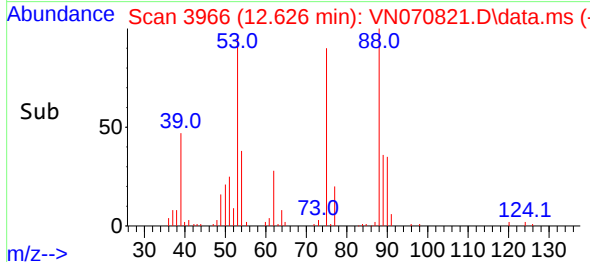
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



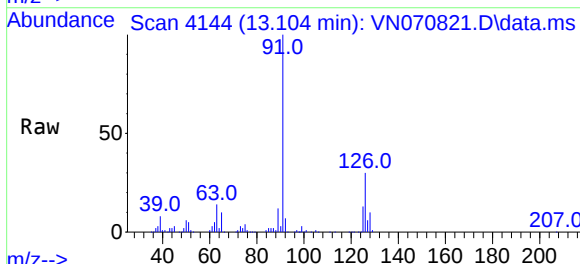
Tgt Ion: 75 Resp: 56684
Ion Ratio Lower Upper
75 100
53 115.1 90.5 135.7
89 43.4 38.2 57.4

Manual Integrations
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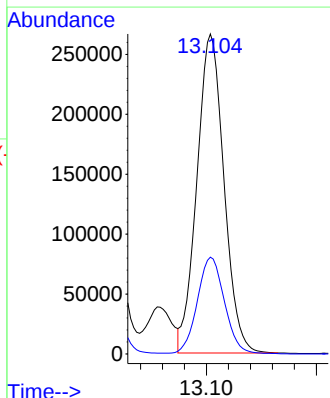
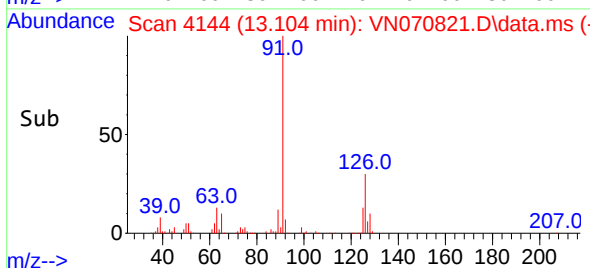
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

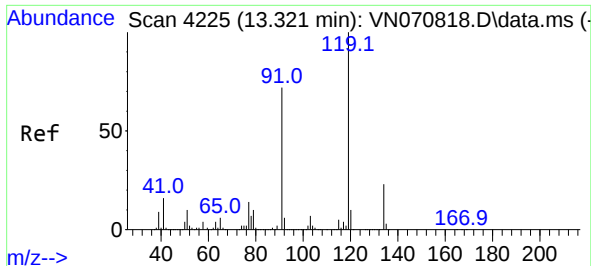


#82
4-Chlorotoluene
Concen: 18.283 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion: 91 Resp: 455057
Ion Ratio Lower Upper
91 100
126 30.6 18.2 54.6





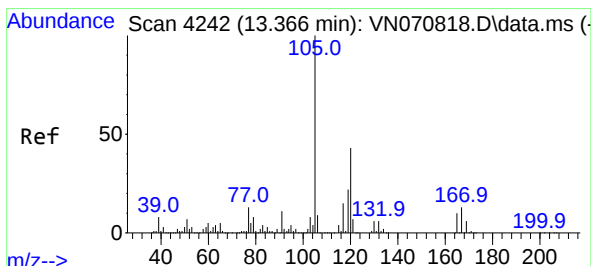
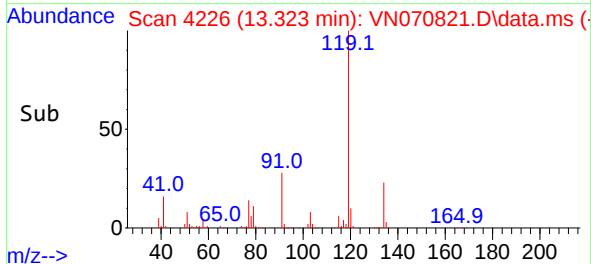
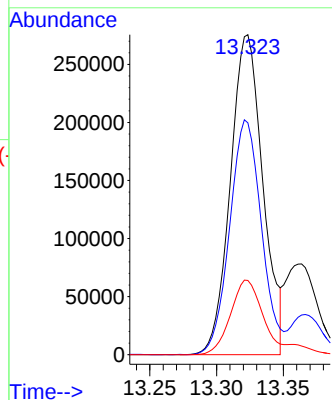
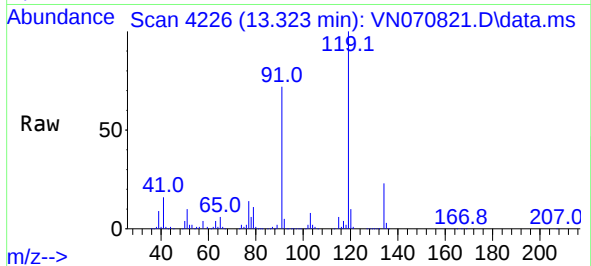
#83
tert-Butylbenzene
Concen: 17.648 ug/l
RT: 13.323 min Scan# 4225
Delta R.T. 0.002 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:119 Resp: 46780
Ion Ratio Lower Upper
119 100
91 71.9 31.5 94.5
134 23.3 12.4 37.4

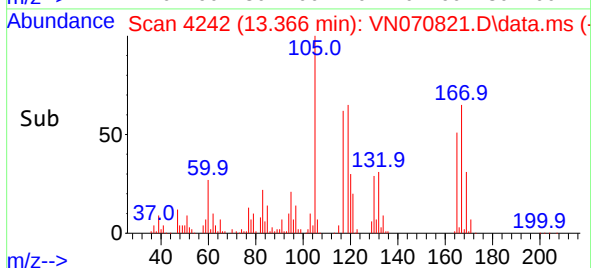
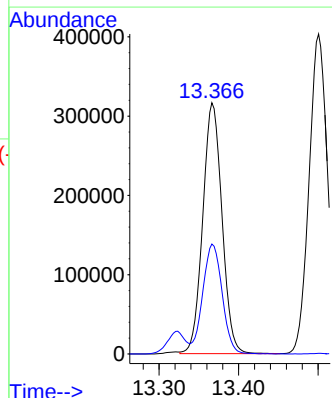
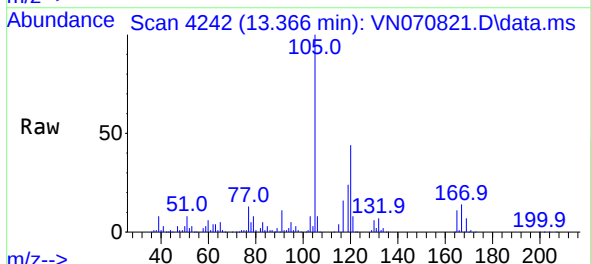
Manual Integrations
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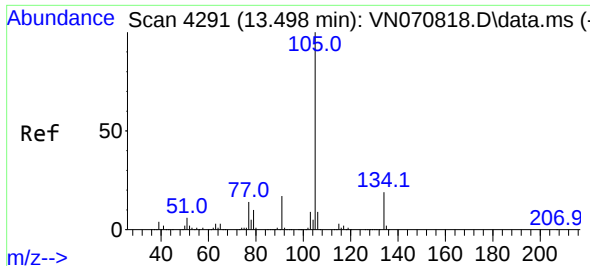
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 18.193 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Tgt Ion:105 Resp: 532522
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





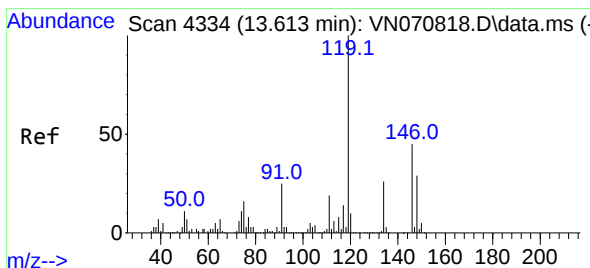
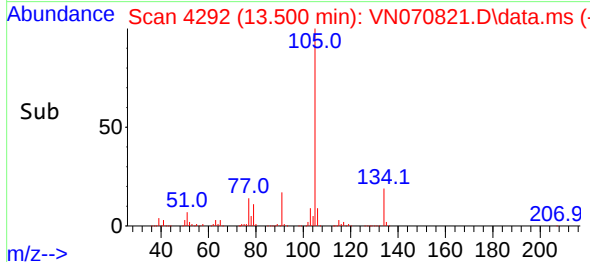
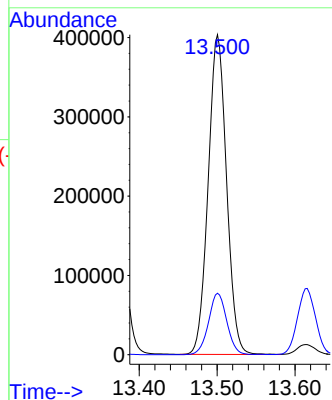
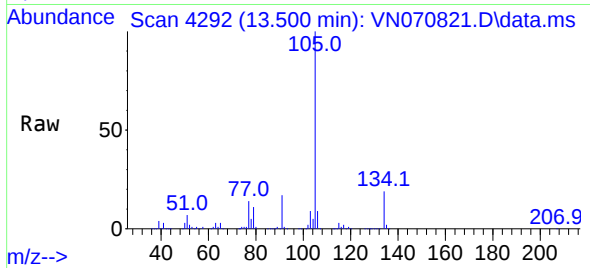
#85
 sec-Butylbenzene
 Concen: 18.331 ug/l
 RT: 13.500 min Scan# 4291
 Delta R.T. 0.002 min
 Lab File: VN070821.D
 Acq: 28 Jan 2022 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01

Tgt Ion:105 Resp: 660580
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

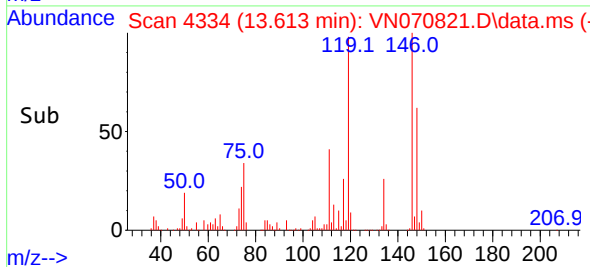
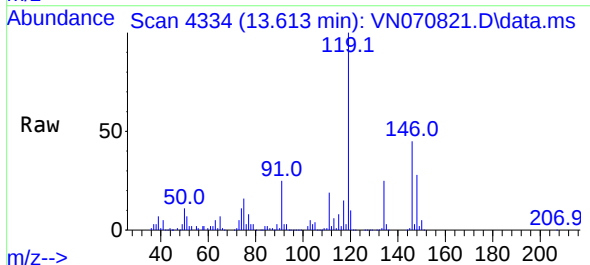
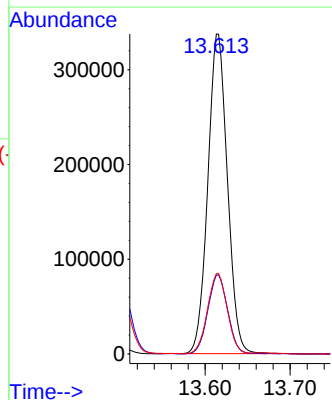
Manual Integrations
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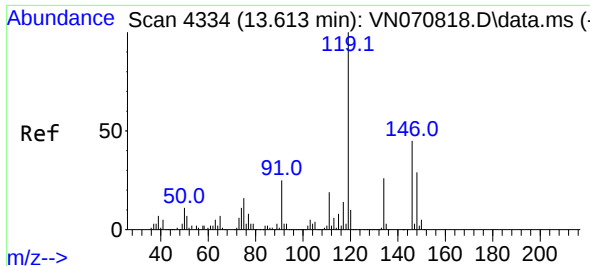
Reviewed By :John Carlone 01/31/2022
 Supervised By :Mahesh Dadoda 01/31/2022



#86
 p-Isopropyltoluene
 Concen: 19.033 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070821.D
 Acq: 28 Jan 2022 11:47

Tgt Ion:119 Resp: 538808
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.6 40.7
 91 25.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.781 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070821.D

Acq: 28 Jan 2022 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

Tgt Ion:146 Resp: 263770

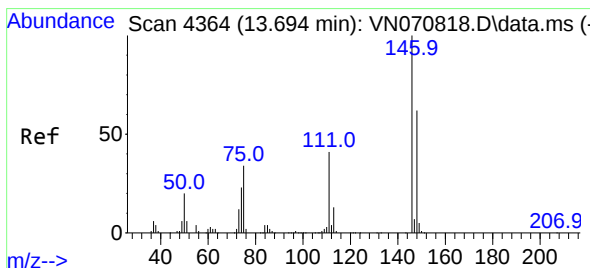
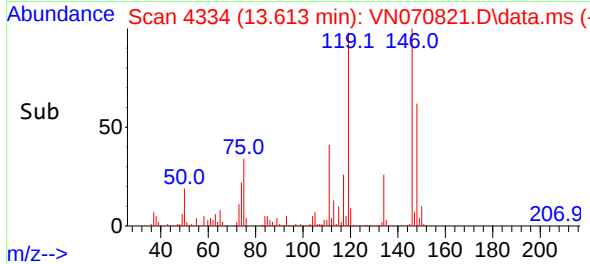
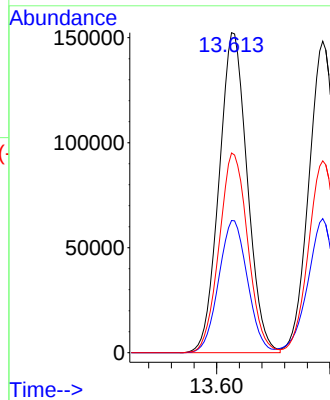
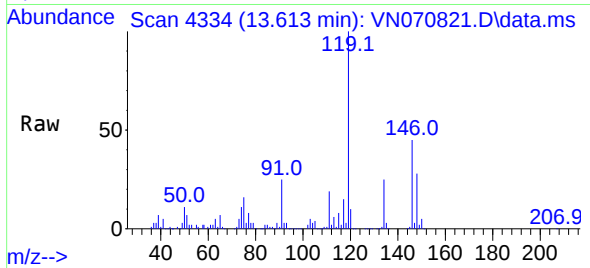
Ion	Ratio	Lower	Upper
146	100		
111	42.1	18.6	55.6
148	63.4	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2022

Supervised By :Mahesh Dadoda 01/31/2022



#88

1,4-Dichlorobenzene

Concen: 18.207 ug/l

RT: 13.694 min Scan# 4364

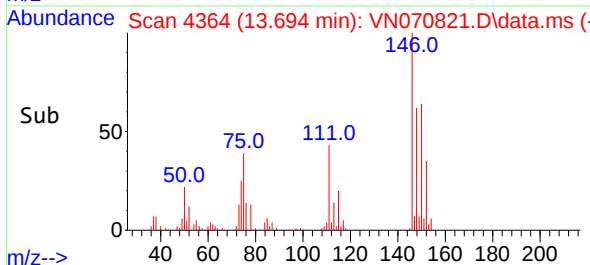
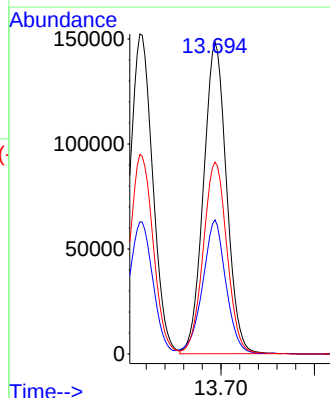
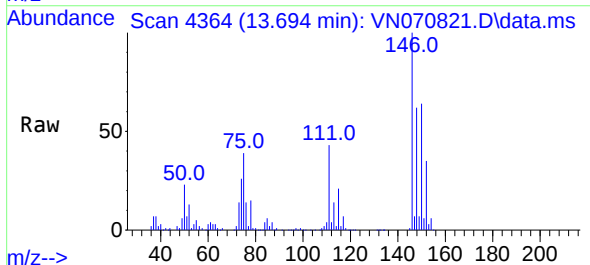
Delta R.T. 0.003 min

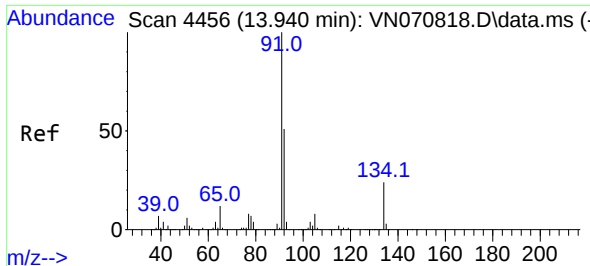
Lab File: VN070821.D

Acq: 28 Jan 2022 11:47

Tgt Ion:146 Resp: 254475

Ion	Ratio	Lower	Upper
146	100		
111	43.3	18.3	54.8
148	63.7	31.8	95.4





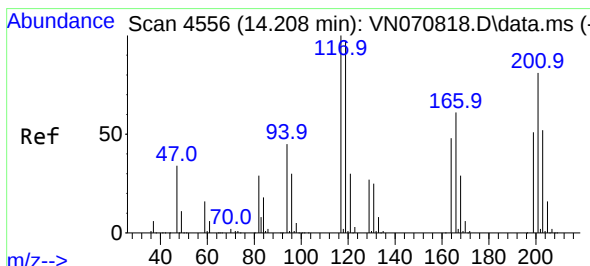
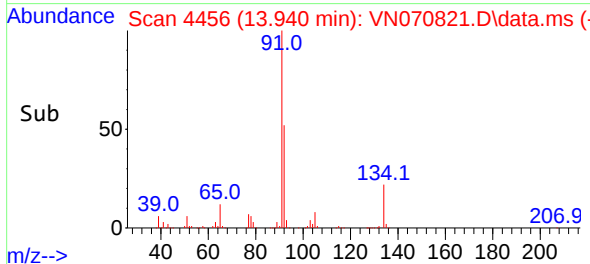
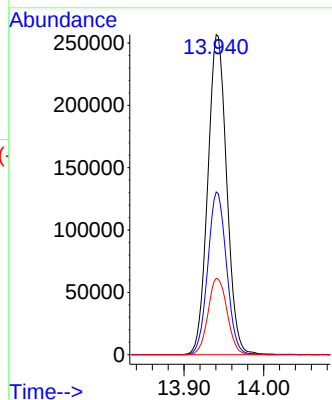
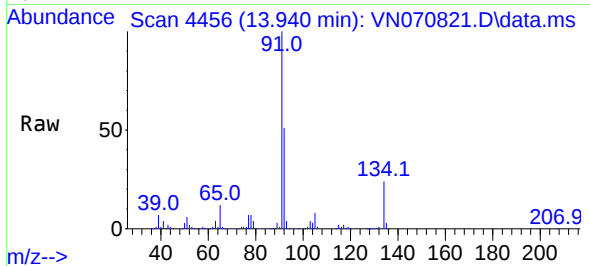
#89
n-Butylbenzene
Concen: 18.196 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 91 Resp: 42495
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.0
134 24.2 13.6 40.8

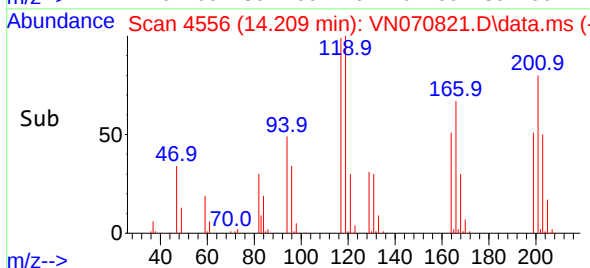
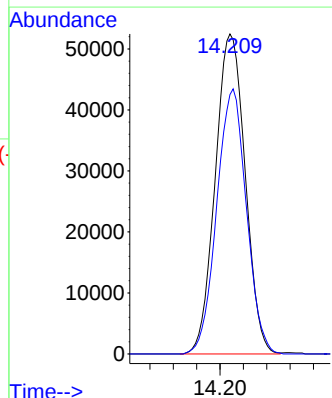
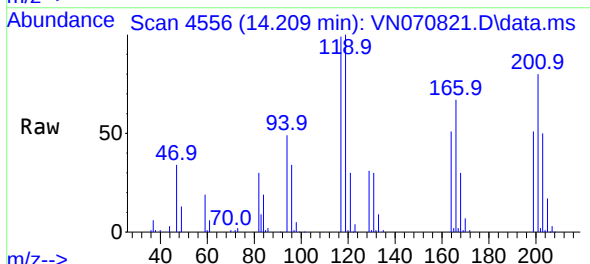
Manual Integrations
APPROVED

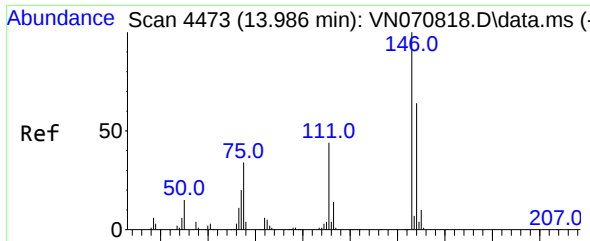
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#90
Hexachloroethane
Concen: 18.858 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

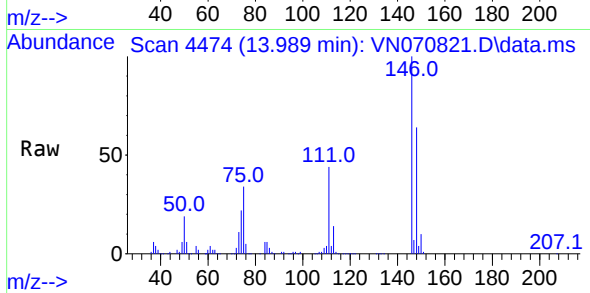
Tgt Ion:117 Resp: 93318
Ion Ratio Lower Upper
117 100
201 82.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 17.874 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

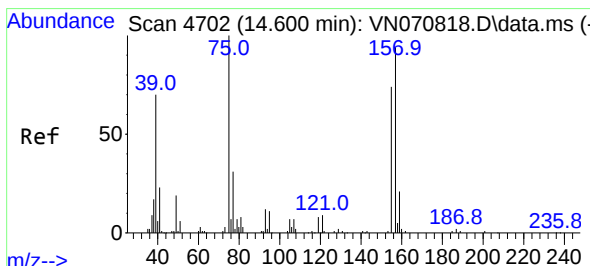
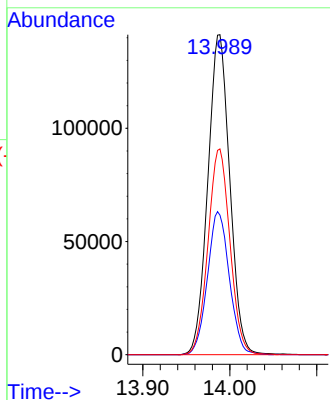
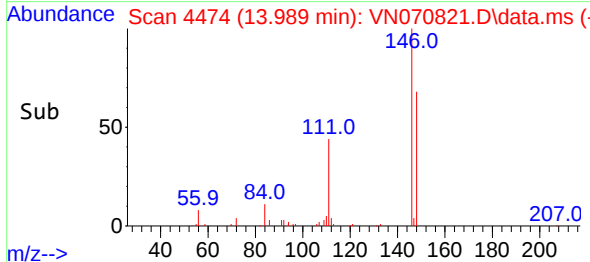
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion:146 Resp: 248019
Ion Ratio Lower Upper
146 100
111 44.7 19.1 57.3
148 64.3 32.1 96.3

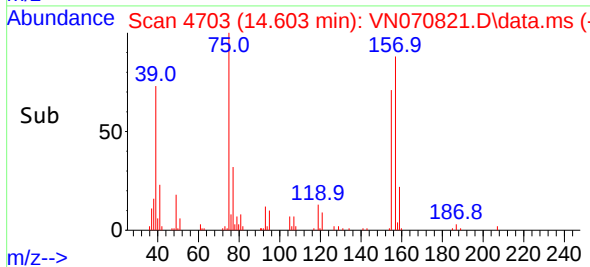
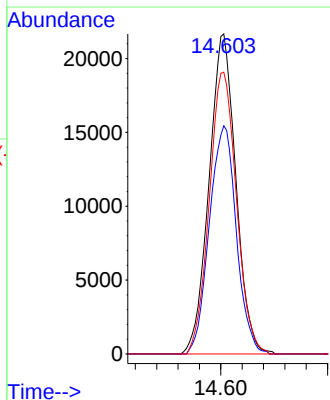
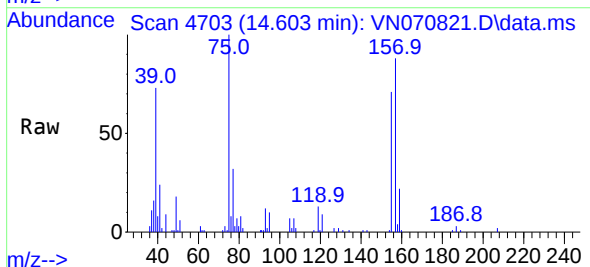
Manual Integrations
APPROVED

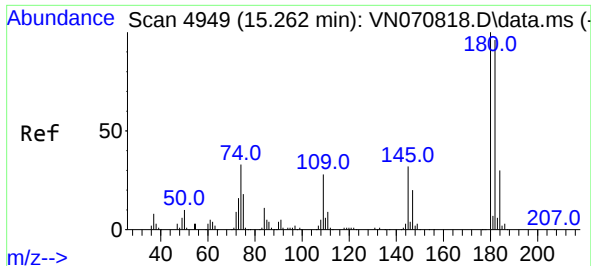
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.490 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

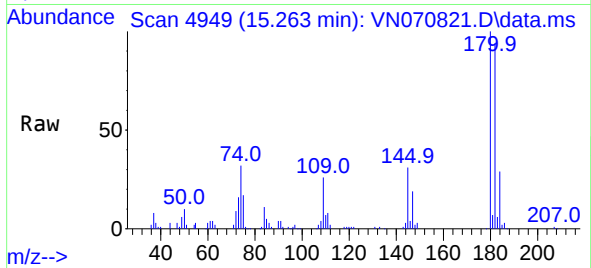
Tgt Ion: 75 Resp: 37730
Ion Ratio Lower Upper
75 100
155 71.7 46.9 140.7
157 89.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.131 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

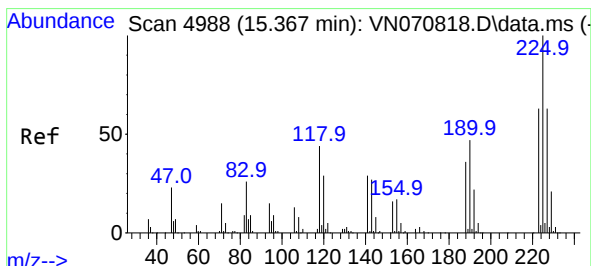
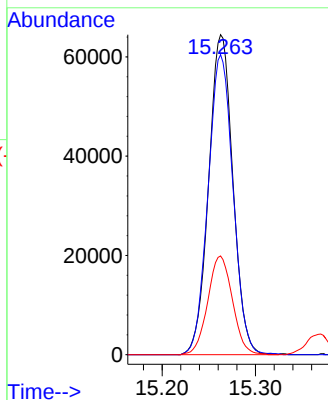
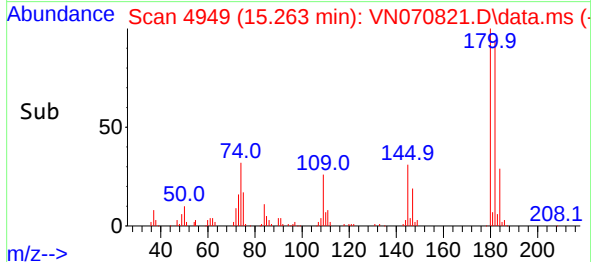
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



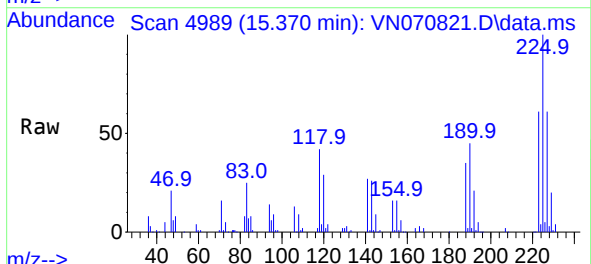
Tgt Ion:180 Resp: 116090
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.9
145 31.4 14.5 43.5

Manual Integrations
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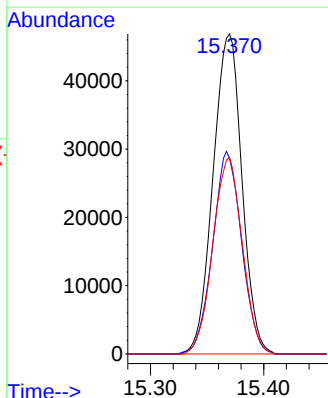
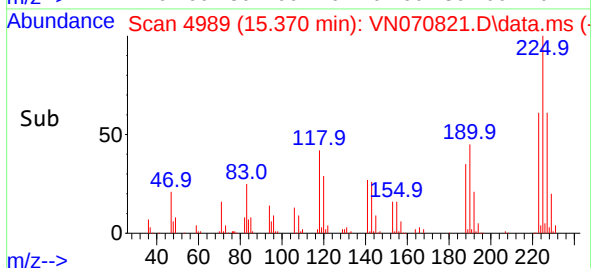
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

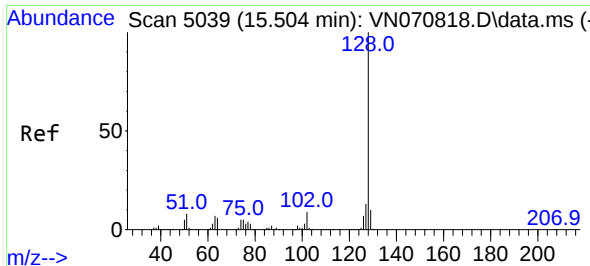


#94
Hexachlorobutadiene
Concen: 20.208 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



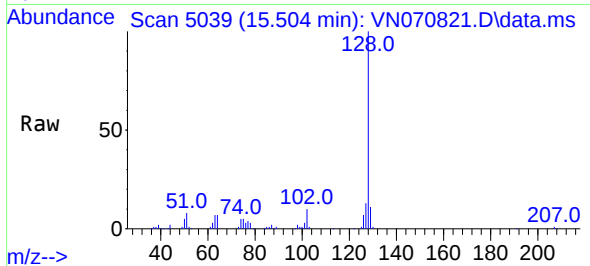
Tgt Ion:225 Resp: 83048
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 62.6 32.1 96.3





#95
Naphthalene
Concen: 15.873 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47

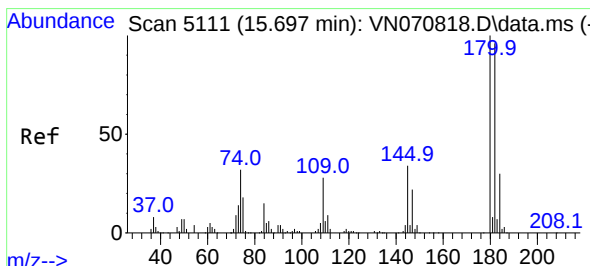
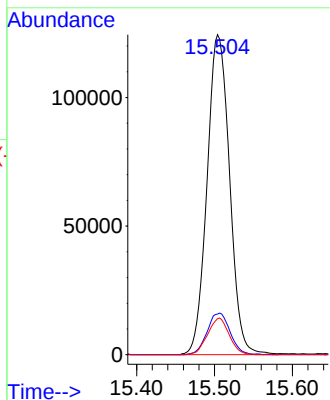
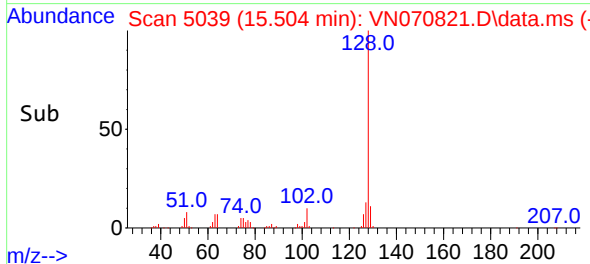
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



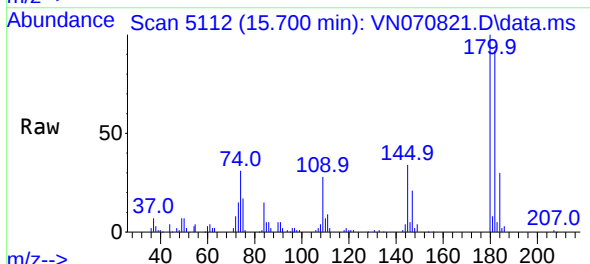
Tgt Ion:128 Resp: 25023
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.720 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070821.D
Acq: 28 Jan 2022 11:47



Tgt Ion:180 Resp: 108959
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 34.7 15.0 45.1

