

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022222\
 Data File : VN071023.D
 Acq On : 22 Feb 2022 13:10
 Operator : JC\MD
 Sample : VN0222WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 00:58:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	586148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	934077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	847279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	331343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	352128	52.590	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.180%			
35) Dibromofluoromethane	8.016	113	275634	49.611	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.220%			
50) Toluene-d8	10.439	98	1091715	48.929	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.727	95	358533	44.956	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	105296	17.296	ug/l	98
3) Chloromethane	2.299	50	143808	18.793	ug/l	99
4) Vinyl Chloride	2.446	62	131616	17.182	ug/l	97
5) Bromomethane	2.846	94	77630	17.840	ug/l	98
6) Chloroethane	3.010	64	80429	16.004	ug/l	100
7) Trichlorofluoromethane	3.375	101	177159	18.455	ug/l	96
8) Diethyl Ether	3.828	74	77191	18.497	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	104097	17.674	ug/l	96
10) Methyl Iodide	4.428	142	141254	17.317	ug/l	98
11) Tert butyl alcohol	5.357	59	125604	102.933	ug/l	99
12) 1,1-Dichloroethene	4.187	96	98227	17.117	ug/l	98
13) Acrolein	4.040	56	117631	107.880	ug/l	99
14) Allyl chloride	4.840	41	201141	18.379	ug/l	87
15) Acrylonitrile	5.551	53	393487	109.476	ug/l	99
16) Acetone	4.287	43	315919	85.674	ug/l	94
17) Carbon Disulfide	4.534	76	251267	15.269	ug/l	98
18) Methyl Acetate	4.857	43	181481	22.141	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	389347	19.342	ug/l	98
20) Methylene Chloride	5.093	84	126438	18.867	ug/l	91
21) trans-1,2-Dichloroethene	5.593	96	106705	17.325	ug/l	98
22) Diisopropyl ether	6.487	45	438930	20.911	ug/l	97
23) Vinyl Acetate	6.428	43	1823413	102.622	ug/l	99
24) 1,1-Dichloroethane	6.381	63	224653	19.093	ug/l	99
25) 2-Butanone	7.328	43	520091	106.025	ug/l	97
26) 2,2-Dichloropropane	7.322	77	175224	17.918	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	129598	18.308	ug/l	91
28) Bromochloromethane	7.657	49	81712	17.158	ug/l	86
29) Tetrahydrofuran	7.681	42	354874	111.673	ug/l	94
30) Chloroform	7.816	83	219603	18.976	ug/l	99
31) Cyclohexane	8.092	56	216313	18.680	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	186684	18.679	ug/l	98
36) 1,1-Dichloropropene	8.216	75	161887	17.785	ug/l	97
37) Ethyl Acetate	7.410	43	213612	21.882	ug/l	99
38) Carbon Tetrachloride	8.198	117	155157	17.300	ug/l	98
39) Methylcyclohexane	9.457	83	195956	16.730	ug/l	96
40) Benzene	8.457	78	498742	18.523	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	109043	21.209	ug/l	87
42) 1,2-Dichloroethane	8.528	62	180311	19.663	ug/l	98
43) Isopropyl Acetate	8.557	43	317468	20.632	ug/l	99
44) Trichloroethene	9.210	130	121942	17.199	ug/l	93
45) 1,2-Dichloropropane	9.486	63	133532	19.361	ug/l	99
46) Dibromomethane	9.575	93	83986	18.504	ug/l	99
47) Bromodichloromethane	9.757	83	168445	18.363	ug/l	98
48) Methyl methacrylate	9.557	41	148164	20.343	ug/l #	85
49) 1,4-Dioxane	9.563	88	56147	434.039	ug/l	87
51) 4-Methyl-2-Pentanone	10.328	43	1017613	108.697	ug/l	98
52) Toluene	10.504	92	313266	18.516	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	181064	18.153	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	200421	18.296	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	126476	19.098	ug/l	98
56) Ethyl methacrylate	10.757	69	197512	19.795	ug/l	92
57) 1,3-Dichloropropane	11.039	76	223897	19.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	155898	93.106	ug/l	95
59) 2-Hexanone	11.080	43	708108	109.977	ug/l	98
60) Dibromochloromethane	11.233	129	124554	17.796	ug/l	98
61) 1,2-Dibromoethane	11.339	107	128074	19.013	ug/l	98
64) Tetrachloroethene	10.975	164	111694	16.927	ug/l	93
65) Chlorobenzene	11.763	112	329711	18.059	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	122049	18.339	ug/l	99
67) Ethyl Benzene	11.839	91	573730	17.954	ug/l	96
68) m/p-Xylenes	11.945	106	441705	35.785	ug/l	99
69) o-Xylene	12.280	106	213607	17.716	ug/l	96
70) Styrene	12.292	104	339599	17.713	ug/l	98
71) Bromoform	12.457	173	91396	17.243	ug/l #	98
73) Isopropylbenzene	12.575	105	557388	20.899	ug/l	99
74) N-amyl acetate	12.386	43	186293	21.852	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	190337	22.458	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	168365m	21.581	ug/l	
77) Bromobenzene	12.857	156	131704	20.172	ug/l	86
78) n-propylbenzene	12.916	91	597970	19.955	ug/l	98
79) 2-Chlorotoluene	13.004	91	380722	20.922	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	444859	20.589	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	46721	19.406	ug/l	97
82) 4-Chlorotoluene	13.104	91	348790	19.745	ug/l	95
83) tert-Butylbenzene	13.322	119	398503	19.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	428566	20.149	ug/l	99
85) sec-Butylbenzene	13.498	105	524428	19.422	ug/l	99
86) p-Isopropyltoluene	13.610	119	418872	18.897	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	212252	18.365	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	203835	18.001	ug/l	97
89) n-Butylbenzene	13.939	91	289764	16.023	ug/l	97
90) Hexachloroethane	14.204	117	78091	19.727	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	210963	19.438	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28920	21.061	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	84831	15.349	ug/l	98
94) Hexachlorobutadiene	15.363	225	58384	14.752	ug/l	99
95) Naphthalene	15.504	128	191256	16.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	81493	16.278	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
VN0222WBSD01

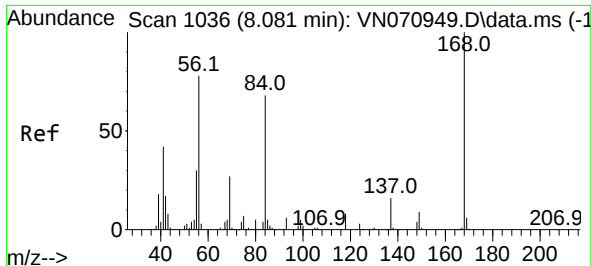
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

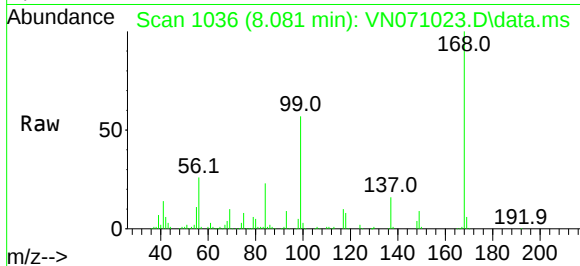
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071023.D
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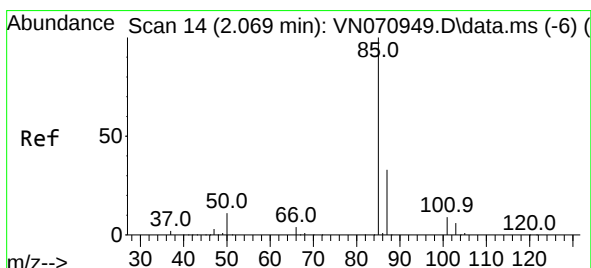
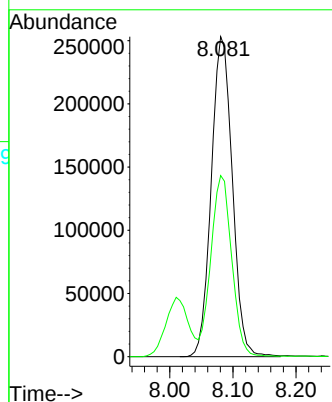
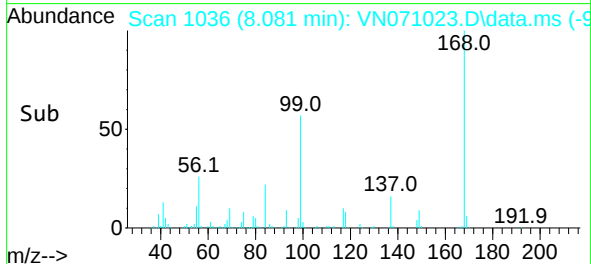
Instrument :
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ClientSampleId :
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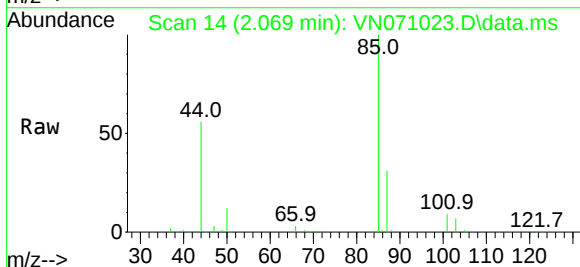
Tgt Ion:168 Resp: 586144
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9

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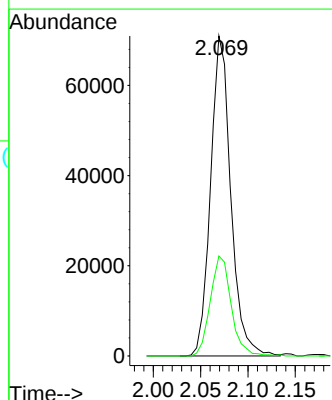
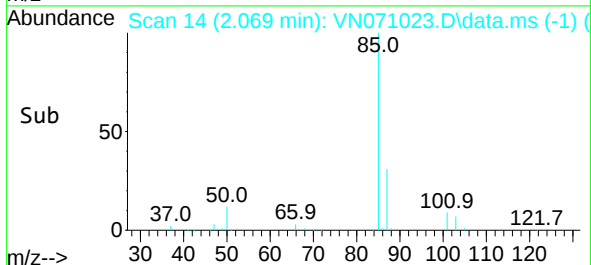
Reviewed By :John Carlone 02/23/2022
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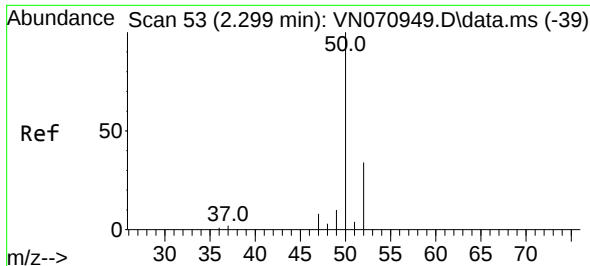


#2
Dichlorodifluoromethane
Concen: 17.296 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



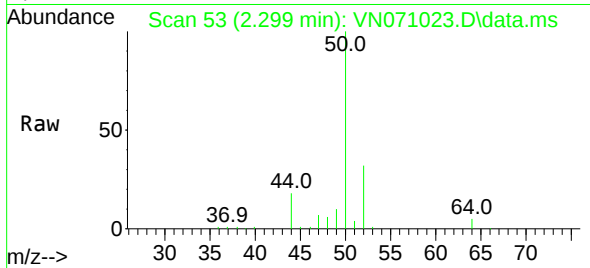
Tgt Ion: 85 Resp: 105296
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





#3
Chloromethane
Concen: 18.793 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

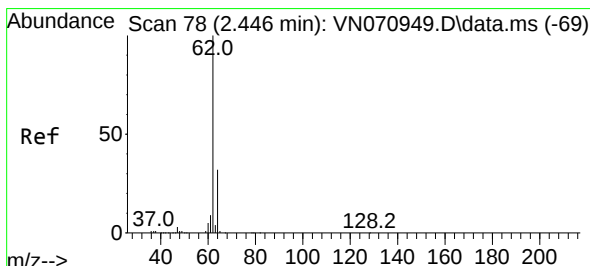
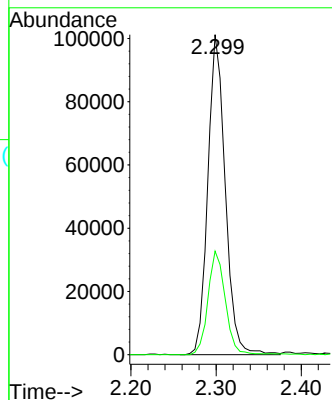
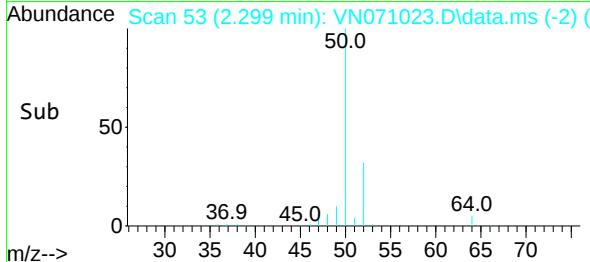
Instrument :
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Tgt Ion: 50 Resp: 143808
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

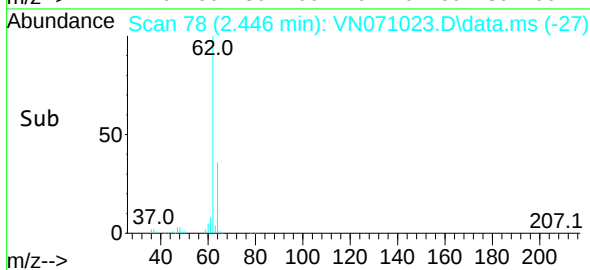
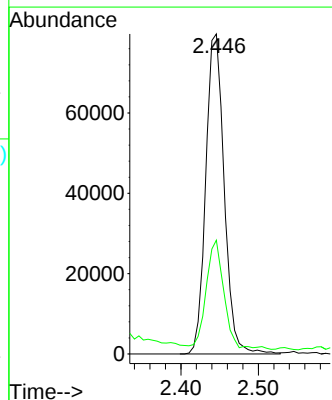
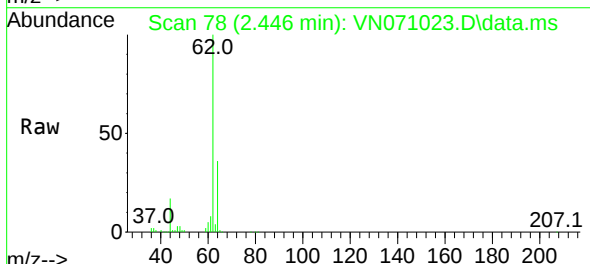
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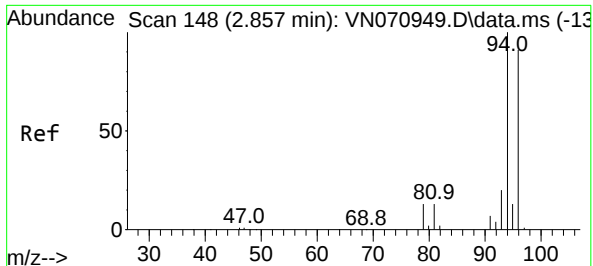
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#4
Vinyl Chloride
Concen: 17.182 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Tgt Ion: 62 Resp: 131616
Ion Ratio Lower Upper
62 100
64 33.6 25.8 38.6





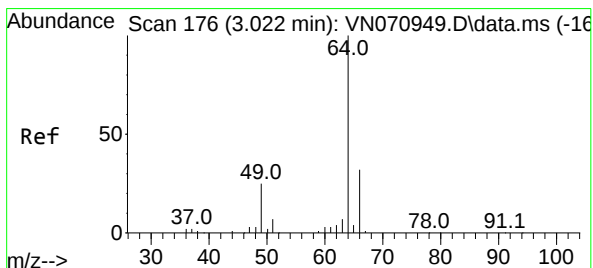
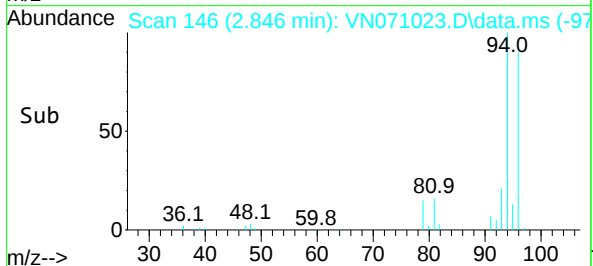
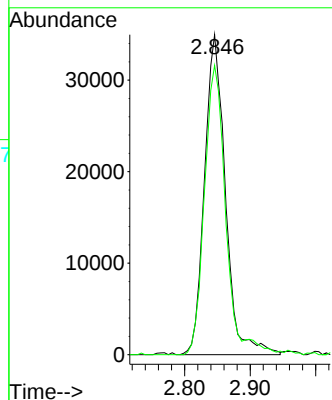
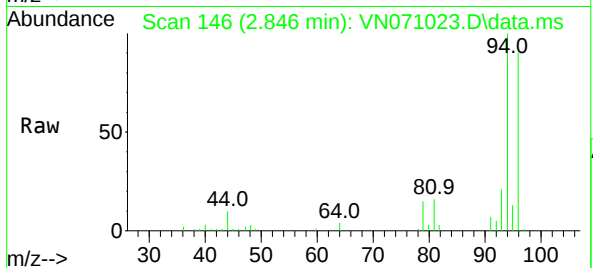
#5
Bromomethane
Concen: 17.840 ug/l
RT: 2.846 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN071023.D
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Tgt Ion: 94 Resp: 77630
Ion Ratio Lower Upper
94 100
96 90.4 73.8 110.8

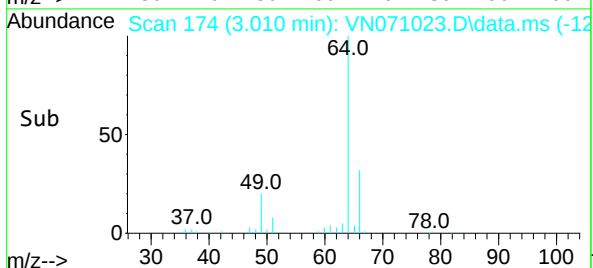
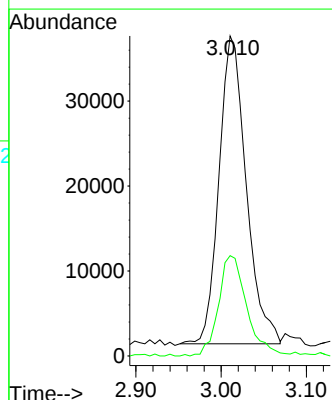
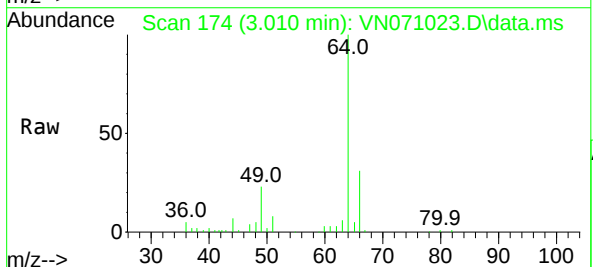
Manual Integrations
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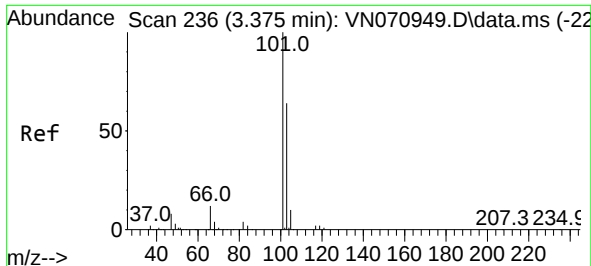
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#6
Chloroethane
Concen: 16.004 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.012 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

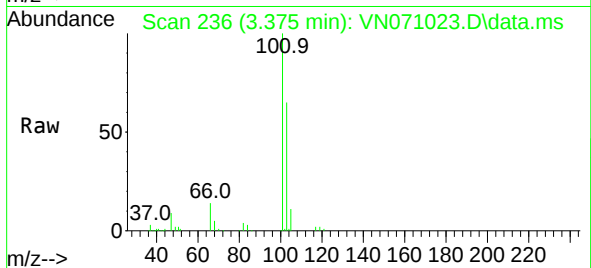
Tgt Ion: 64 Resp: 80429
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.455 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071023.D
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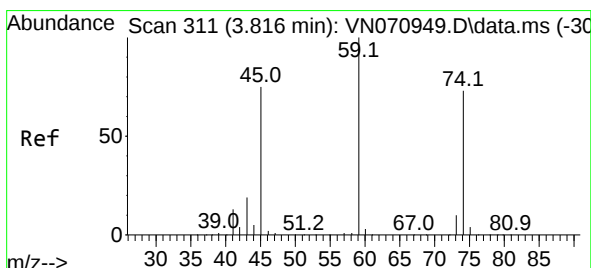
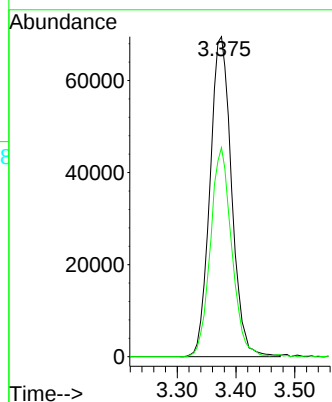
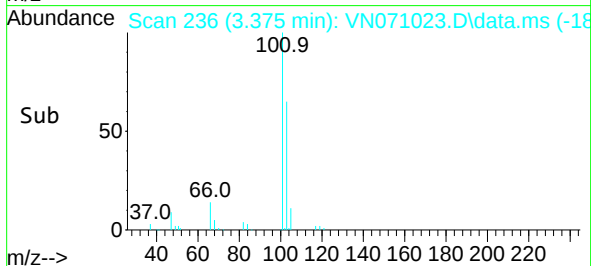
Instrument :
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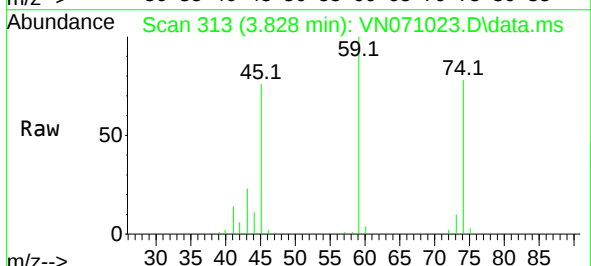
Tgt Ion: 101 Resp: 177159
Ion Ratio Lower Upper
101 100
103 65.3 50.1 75.1

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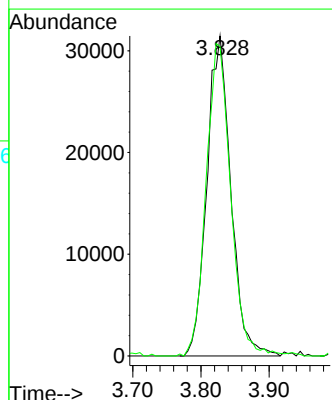
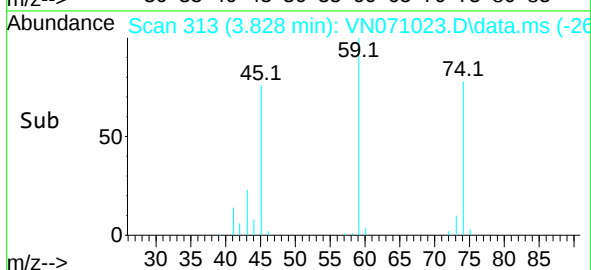
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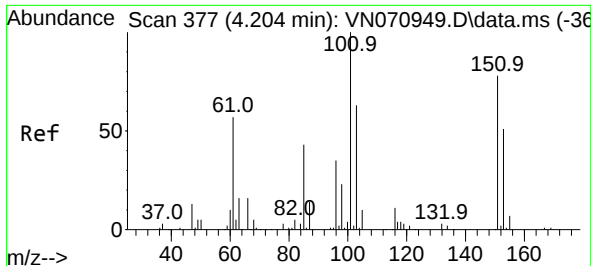


#8
Diethyl Ether
Concen: 18.497 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 77191
Ion Ratio Lower Upper
74 100
45 99.6 47.0 141.2





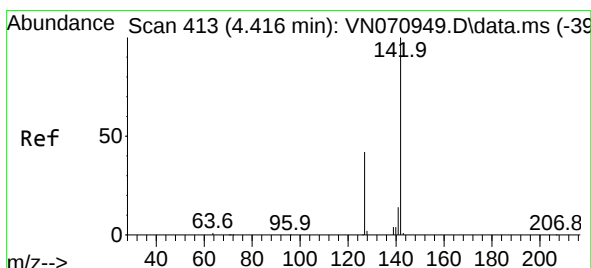
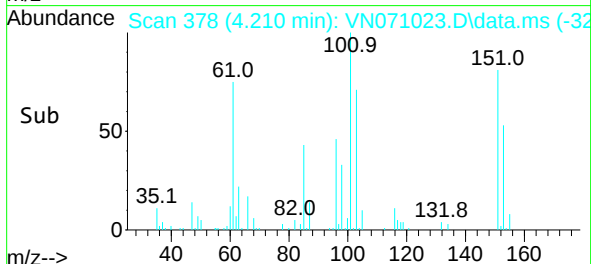
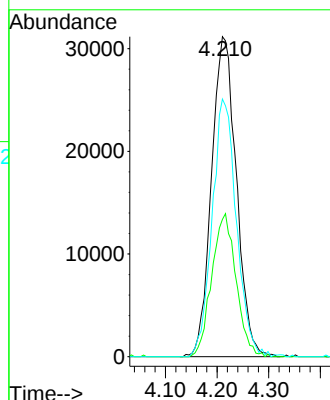
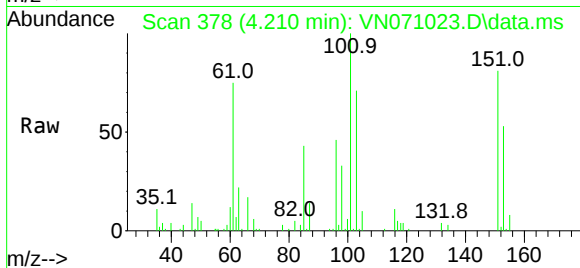
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.674 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion:101 Resp: 10409
Ion Ratio Lower Upper
101 100
85 43.7 37.2 55.8
151 78.7 65.9 98.9

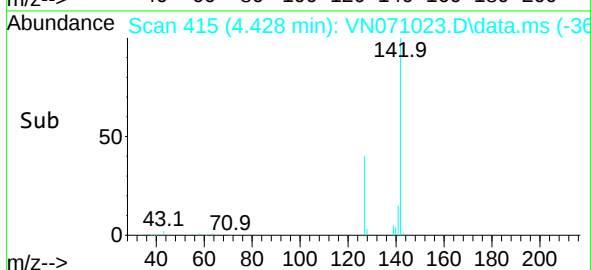
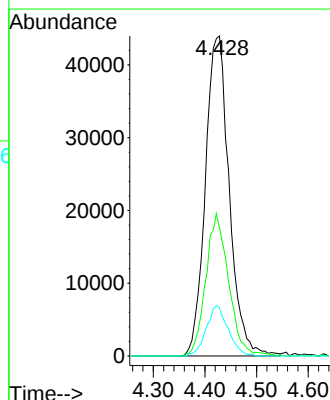
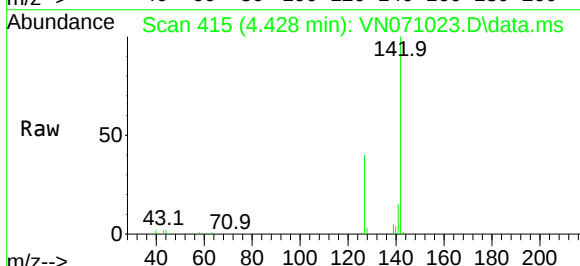
Manual Integrations
APPROVED

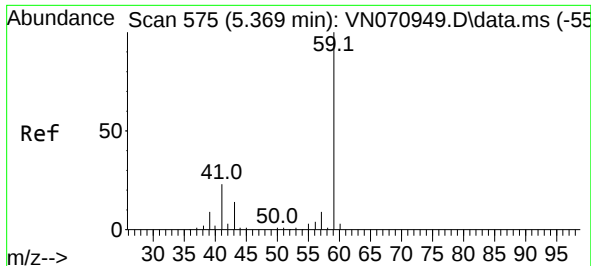
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#10
Methyl Iodide
Concen: 17.317 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

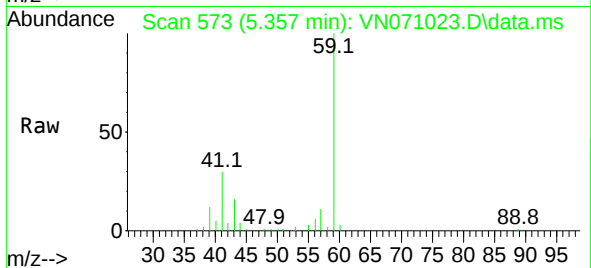
Tgt Ion:142 Resp: 141254
Ion Ratio Lower Upper
142 100
127 42.4 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 102.933 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

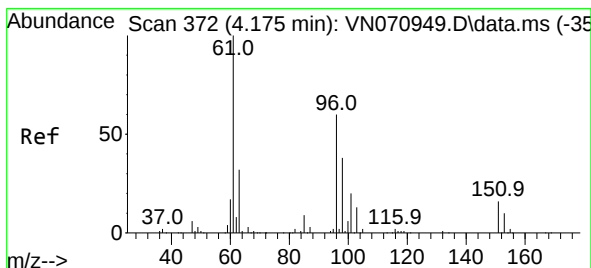
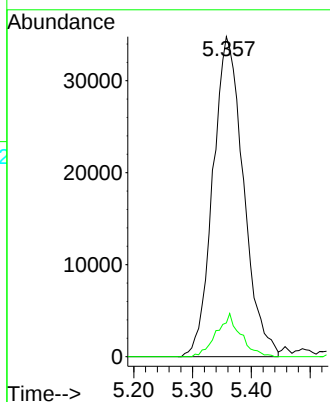
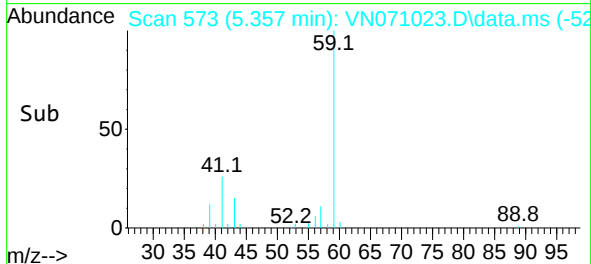
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



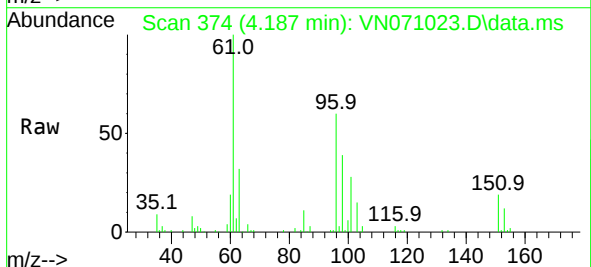
Tgt Ion: 59 Resp: 125604
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
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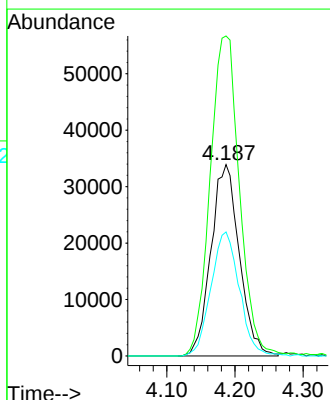
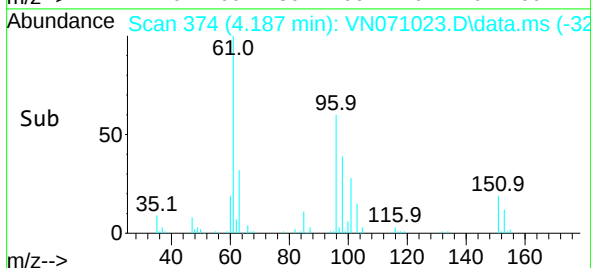
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

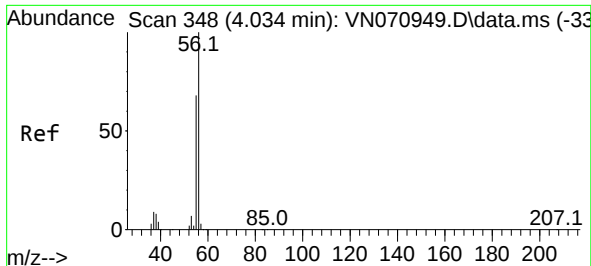


#12
1,1-Dichloroethene
Concen: 17.117 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



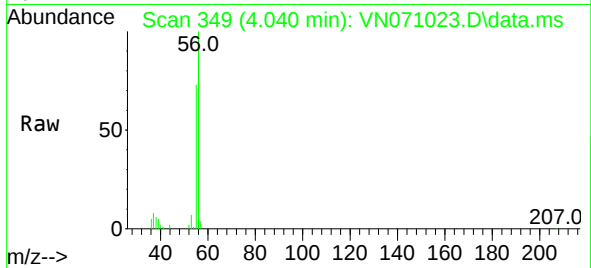
Tgt Ion: 96 Resp: 98227
Ion Ratio Lower Upper
96 100
61 167.2 131.0 196.6
98 64.8 52.4 78.6





#13
Acrolein
Concen: 107.880 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

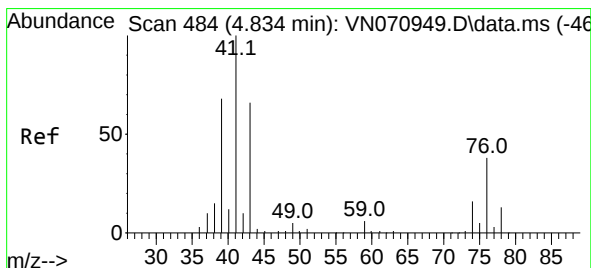
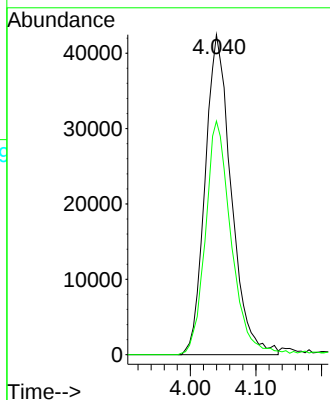
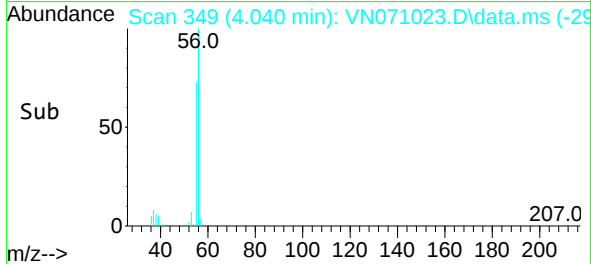
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



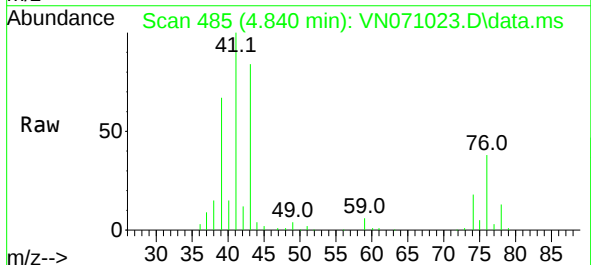
Tgt Ion: 56 Resp: 11763
Ion Ratio Lower Upper
56 100
55 71.9 56.6 85.0

Manual Integrations
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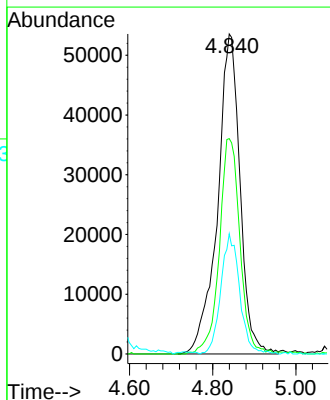
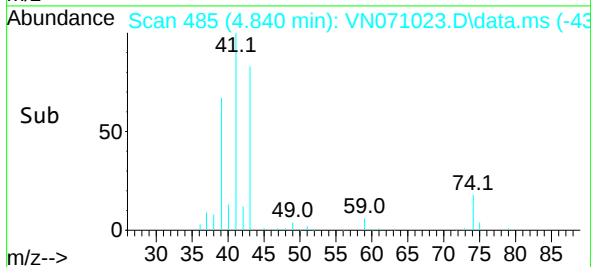
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

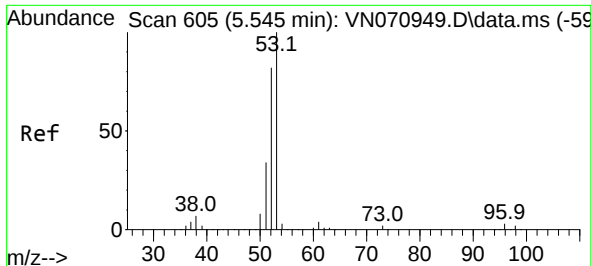


#14
Allyl chloride
Concen: 18.379 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



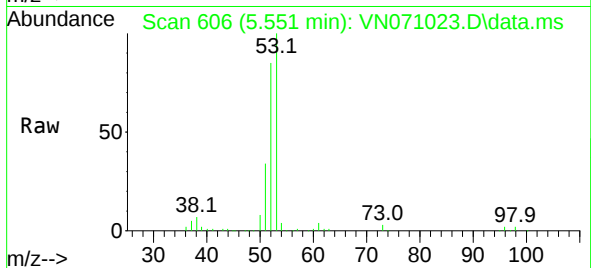
Tgt Ion: 41 Resp: 201141
Ion Ratio Lower Upper
41 100
39 61.5 61.2 91.8
76 31.4 26.0 39.0





#15
Acrylonitrile
Concen: 109.476 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

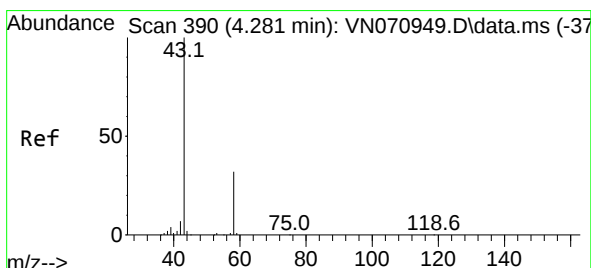
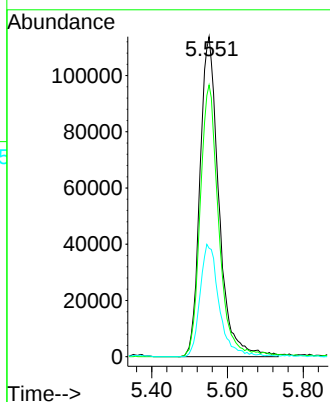
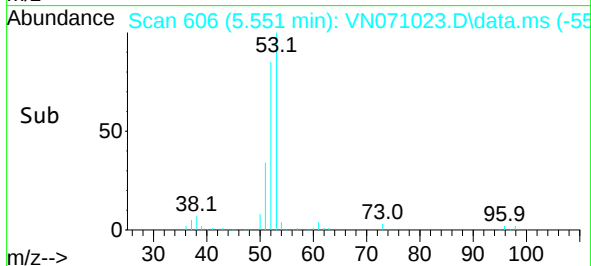
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



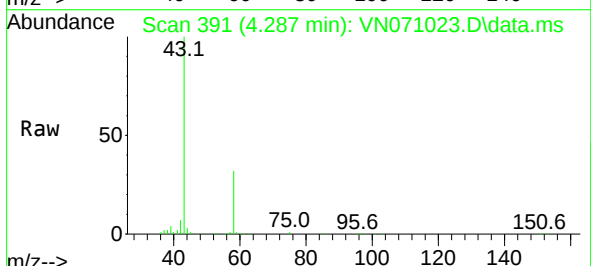
Tgt Ion: 53 Resp: 39348
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 35.3 29.6 44.4

Manual Integrations
APPROVED

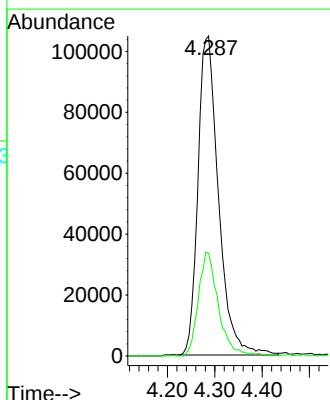
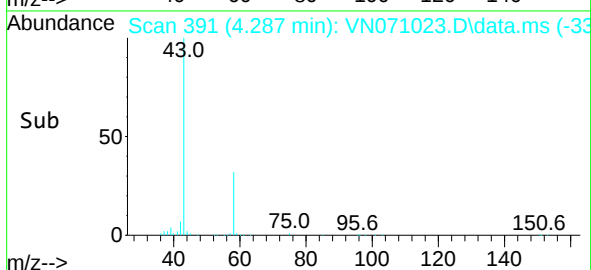
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

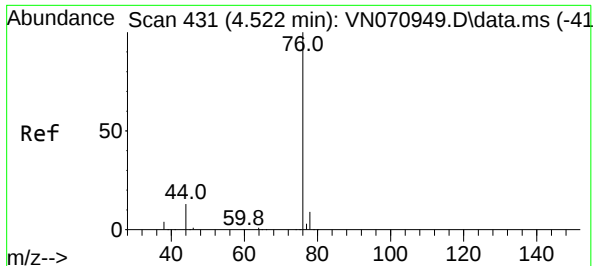


#16
Acetone
Concen: 85.674 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



Tgt Ion: 43 Resp: 315919
Ion Ratio Lower Upper
43 100
58 32.2 23.1 34.7





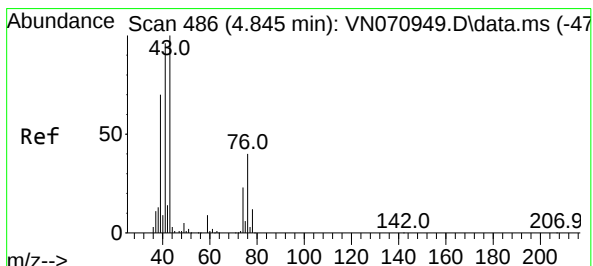
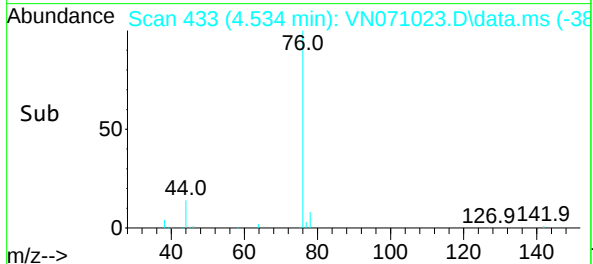
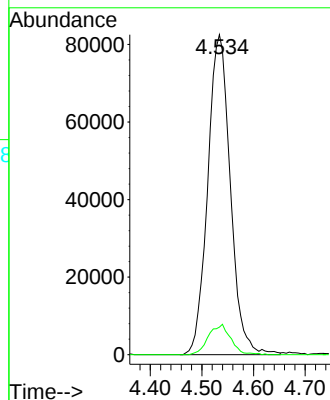
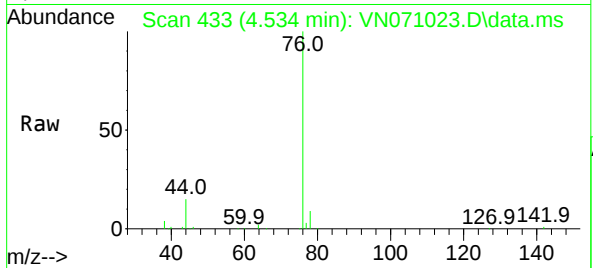
#17
Carbon Disulfide
Concen: 15.269 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion: 76 Resp: 25126
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

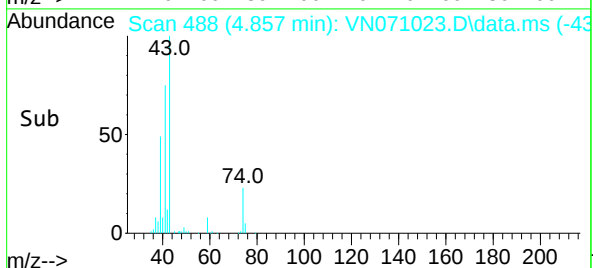
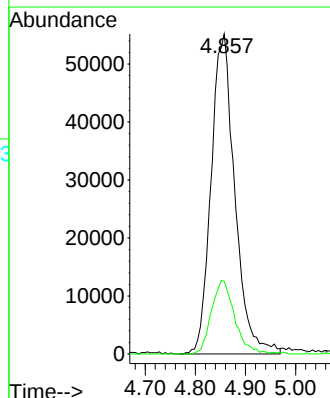
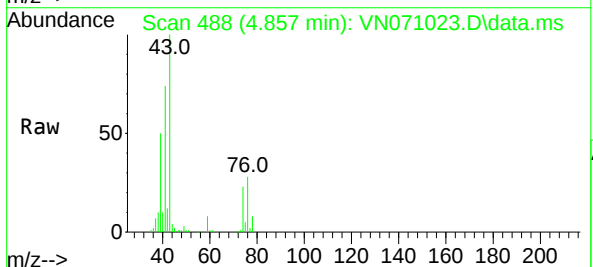
Manual Integrations
APPROVED

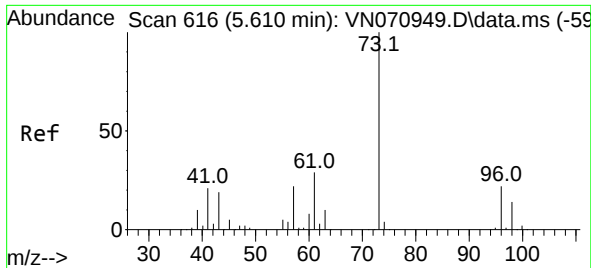
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#18
Methyl Acetate
Concen: 22.141 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

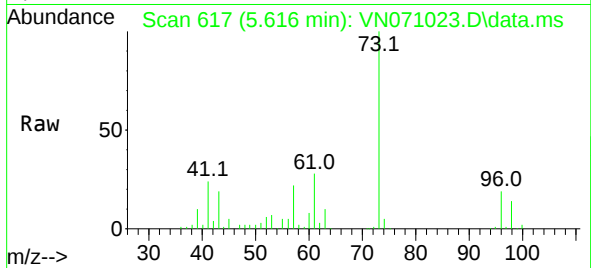
Tgt Ion: 43 Resp: 181481
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.342 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

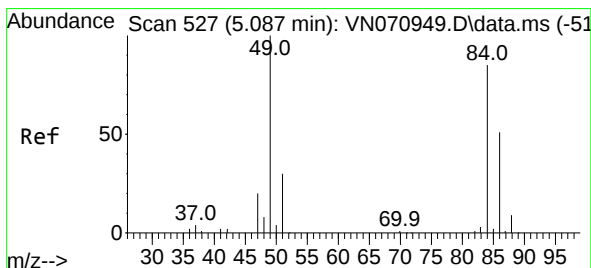
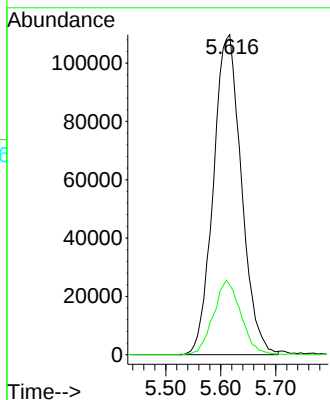
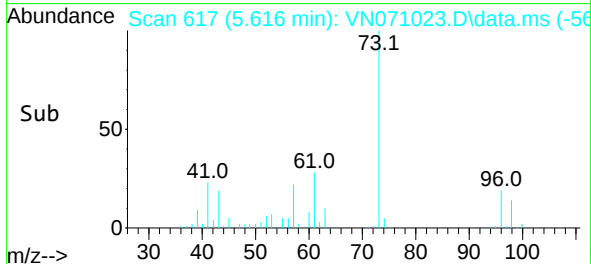
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 73 Resp: 38934
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

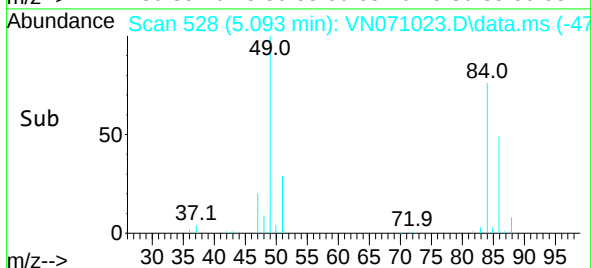
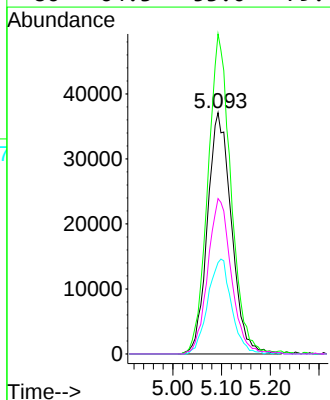
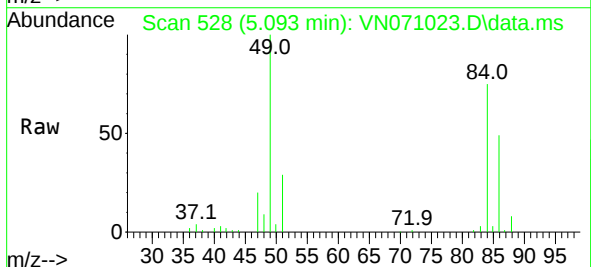
Manual Integrations
APPROVED

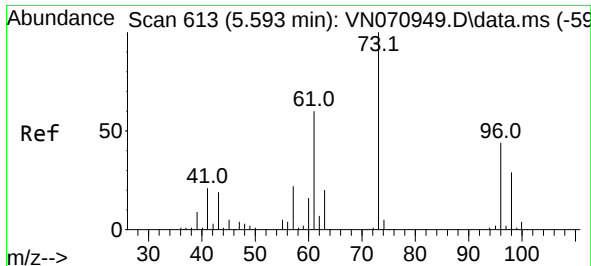
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#20
Methylene Chloride
Concen: 18.867 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

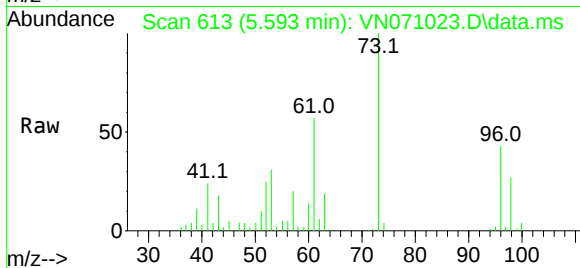
Tgt Ion: 84 Resp: 126438
Ion Ratio Lower Upper
84 100
49 132.6 93.5 140.3
51 37.9 29.4 44.2
86 64.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.325 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

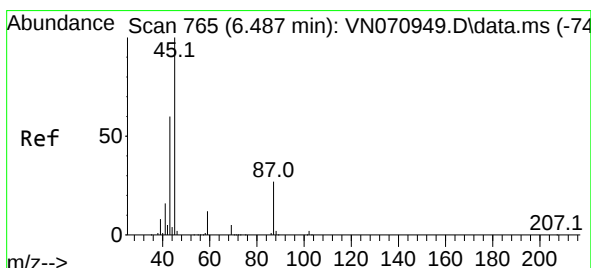
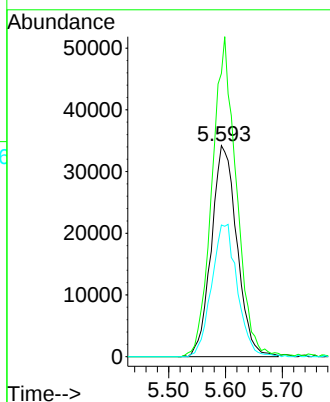
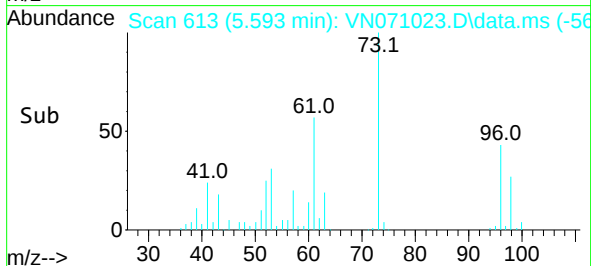
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 96 Resp: 106709
Ion Ratio Lower Upper
96 100
61 134.2 105.8 158.6
98 62.4 52.0 78.0

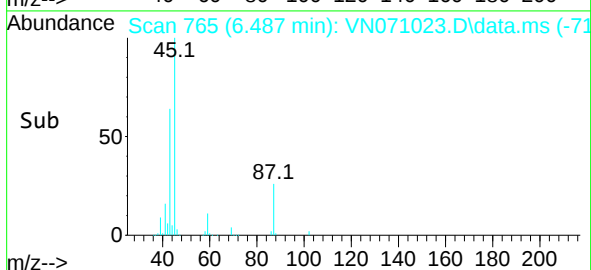
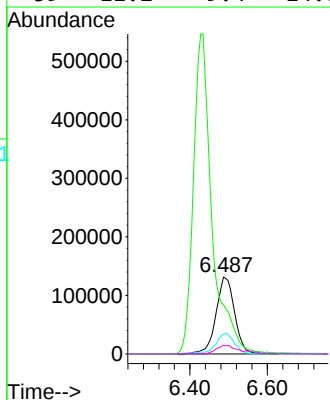
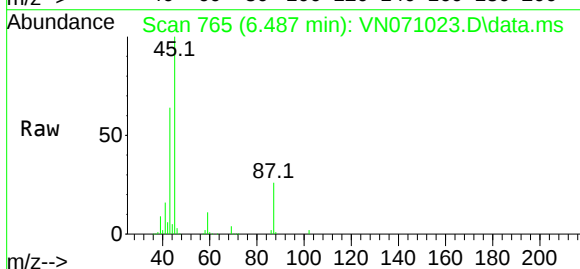
Manual Integrations
APPROVED

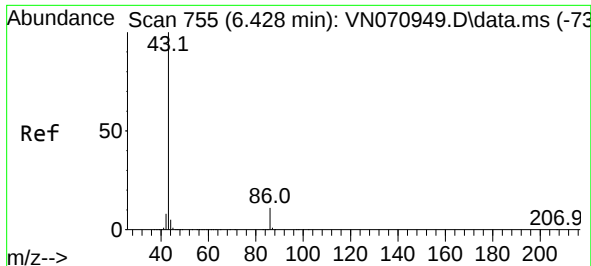
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#22
Diisopropyl ether
Concen: 20.911 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

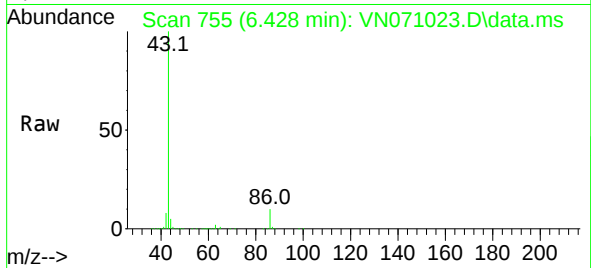
Tgt Ion: 45 Resp: 438930
Ion Ratio Lower Upper
45 100
43 63.1 51.7 77.5
87 25.4 23.2 34.8
59 11.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 102.622 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071023.D
 Acq: 22 Feb 2022 13:10

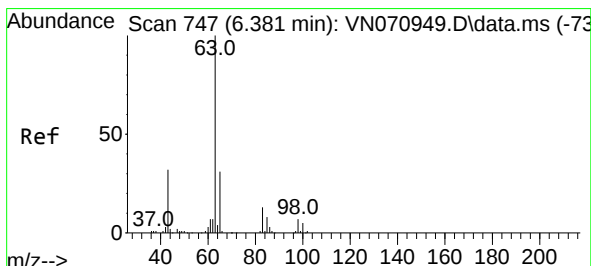
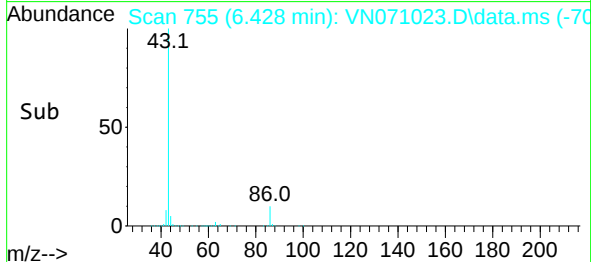
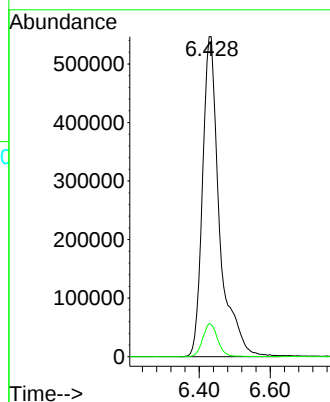
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01



Tgt Ion: 43 Resp: 182341
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

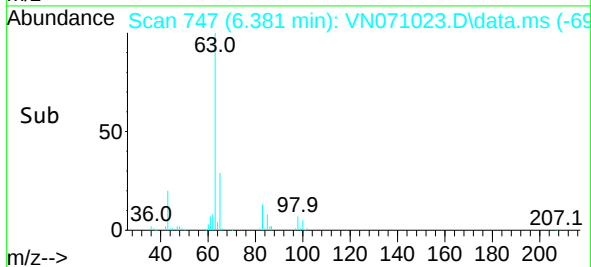
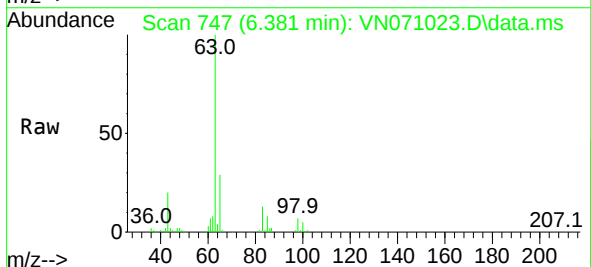
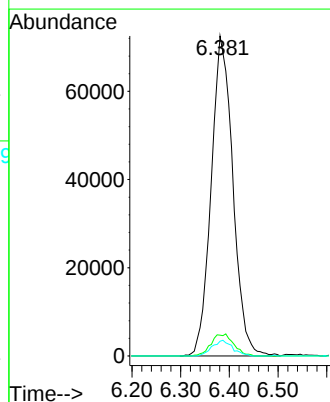
Manual Integrations
 APPROVED

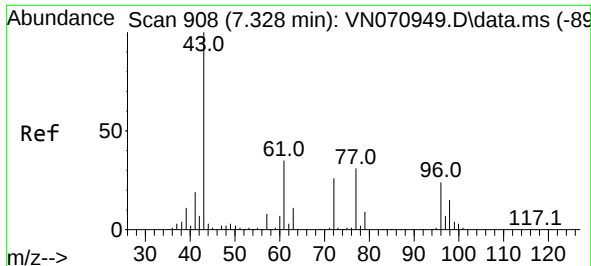
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022



#24
 1,1-Dichloroethane
 Concen: 19.093 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN071023.D
 Acq: 22 Feb 2022 13:10

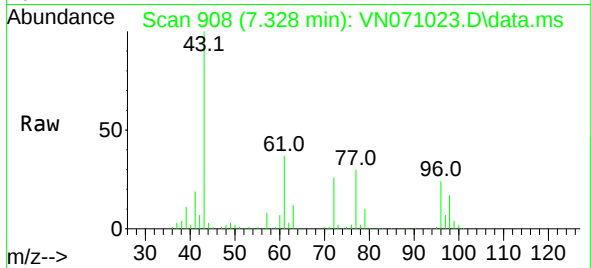
Tgt Ion: 63 Resp: 224653
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 106.025 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

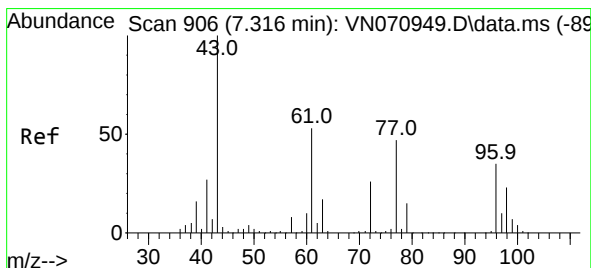
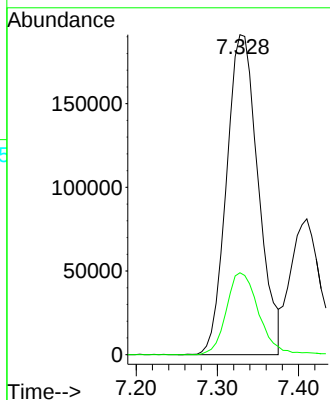
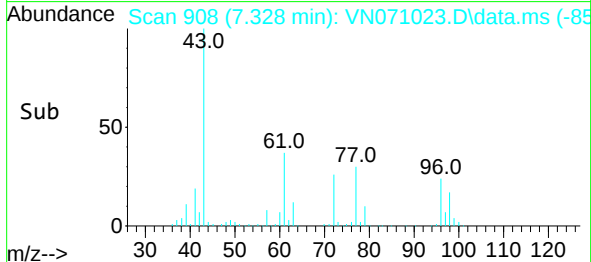
Instrument :
MSVOA_N
Client Sample Id :
VN0222WBSD01



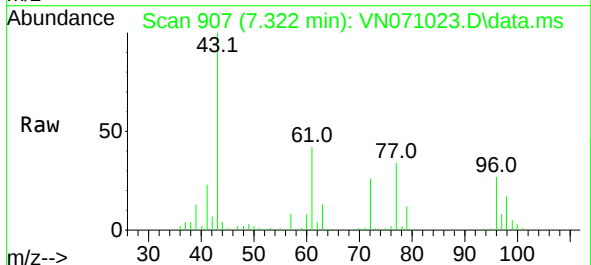
Tgt Ion: 43 Resp: 52009
Ion Ratio Lower Upper
43 100
72 25.6 21.7 32.5

Manual Integrations
APPROVED

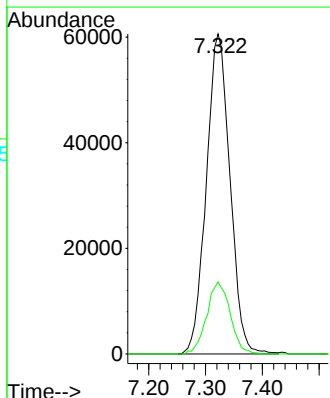
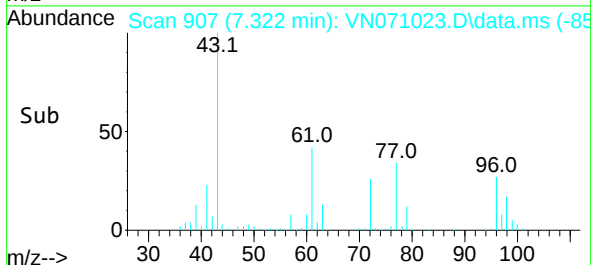
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

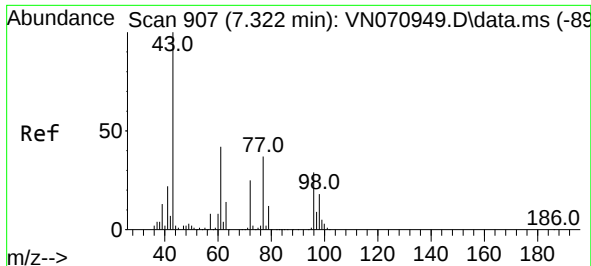


#26
2,2-Dichloropropane
Concen: 17.918 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



Tgt Ion: 77 Resp: 175224
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.308 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

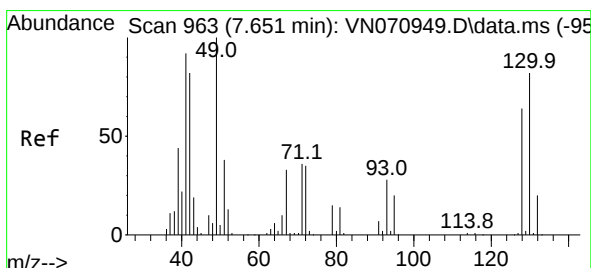
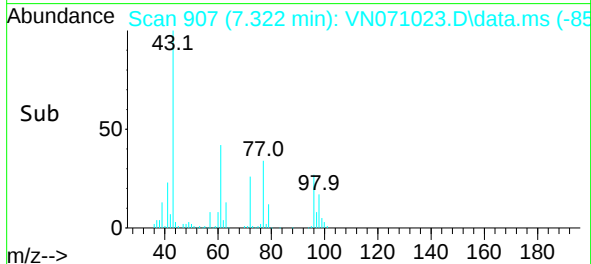
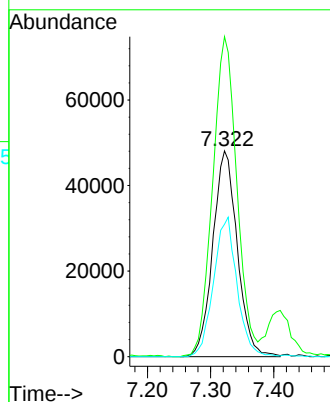
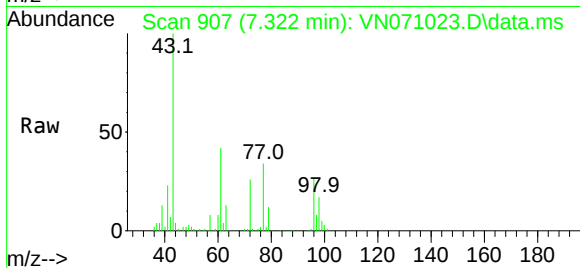
Tgt Ion: 96 Resp: 129598
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 275.0
 98 65.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#28

Bromochloromethane

Concen: 17.158 ug/l

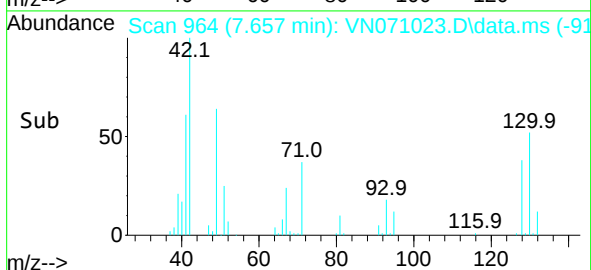
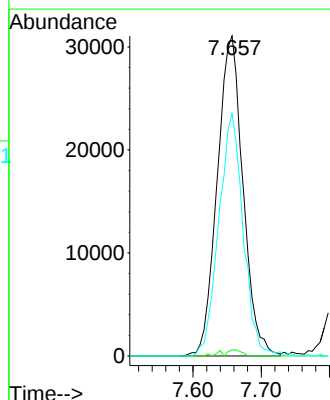
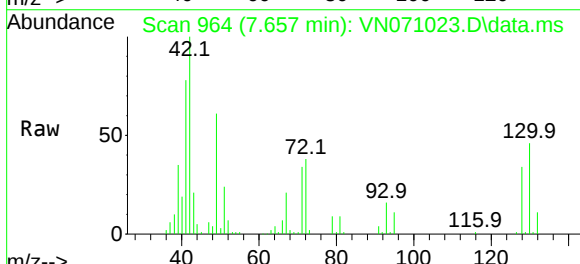
RT: 7.657 min Scan# 964

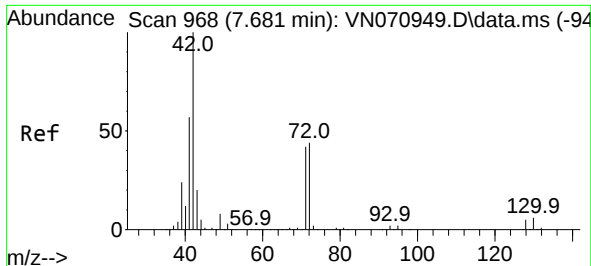
Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Tgt Ion: 49 Resp: 81712
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 72.0 67.8 101.8





#29

Tetrahydrofuran

Concen: 111.673 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071023.D

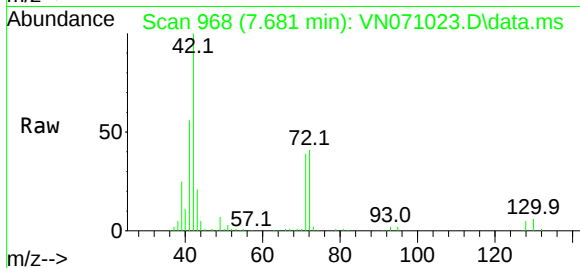
Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01



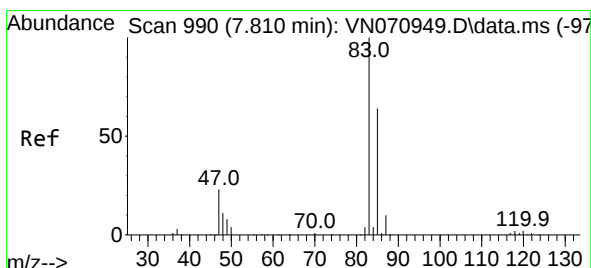
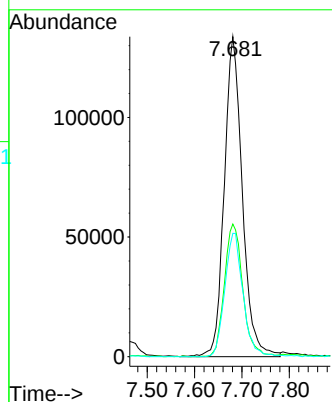
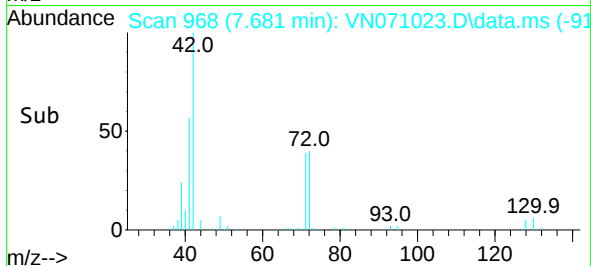
Tgt Ion:	42	Resp:	354874
Ion	Ratio	Lower	Upper
42	100		
72	42.2	36.3	54.5
71	38.8	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#30

Chloroform

Concen: 18.976 ug/l

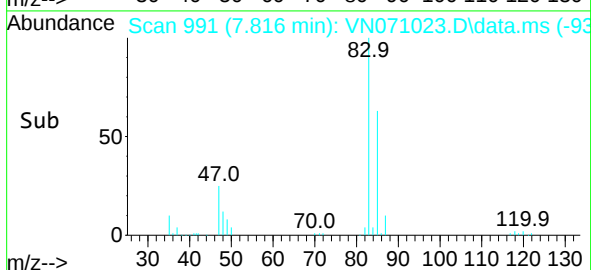
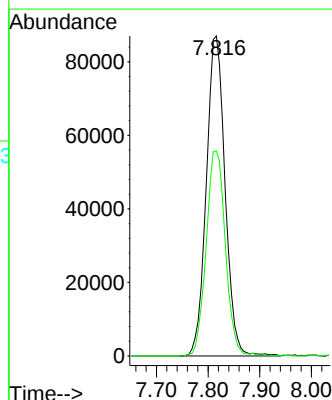
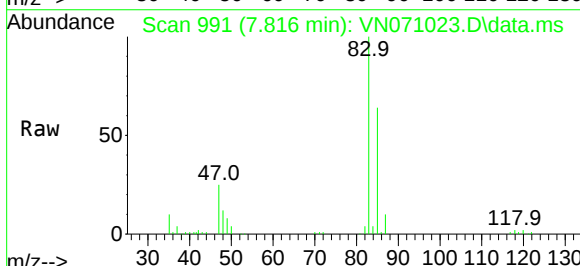
RT: 7.816 min Scan# 991

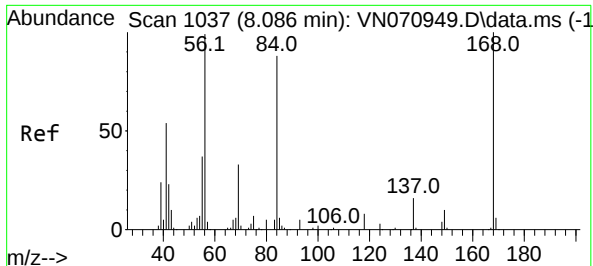
Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

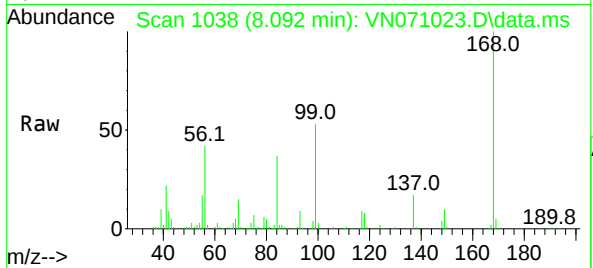
Tgt Ion:	83	Resp:	219603
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9





#31
Cyclohexane
Concen: 18.680 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

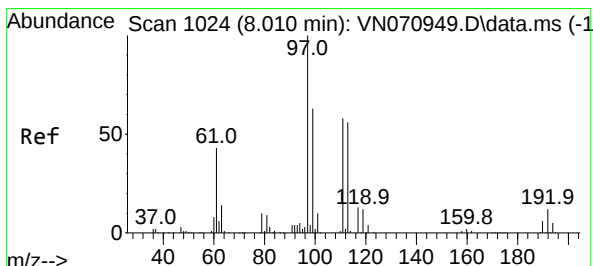
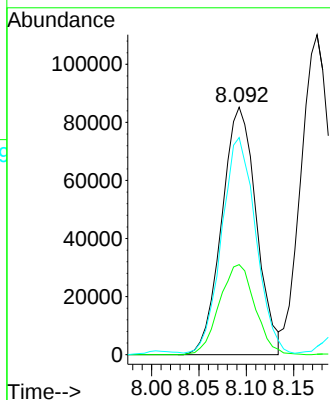
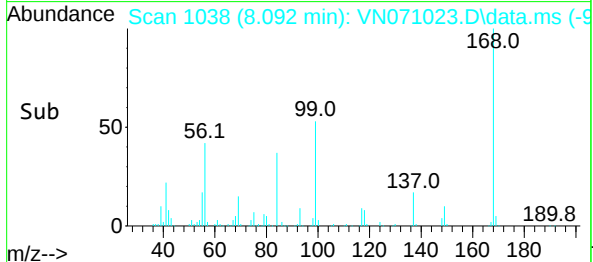
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



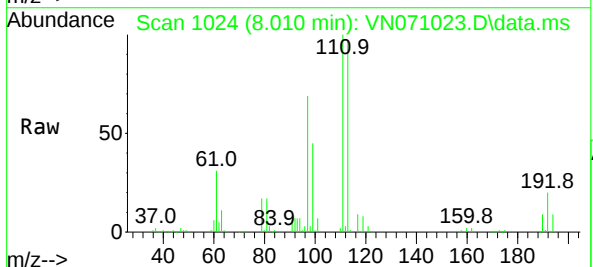
Tgt Ion: 56 Resp: 21631
Ion Ratio Lower Upper
56 100
69 36.4 27.1 40.7
84 86.7 73.4 110.0

Manual Integrations
APPROVED

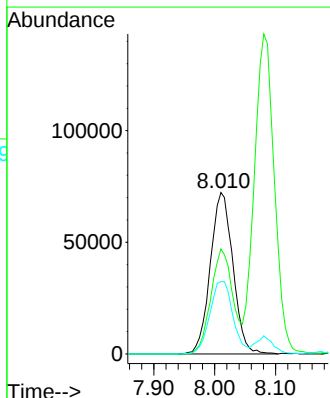
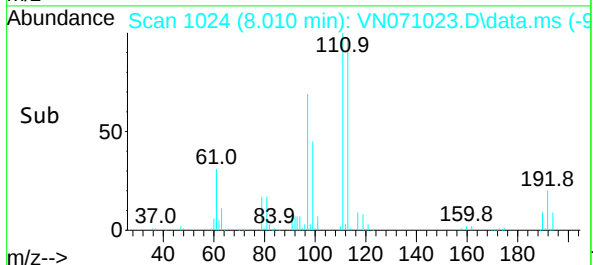
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

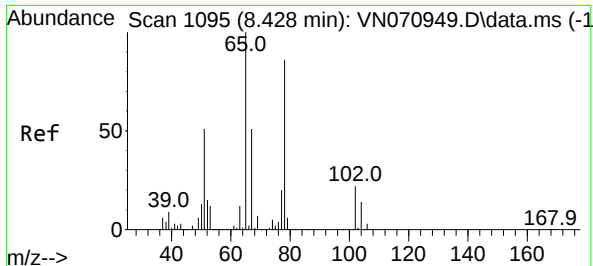


#32
1,1,1-Trichloroethane
Concen: 18.679 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



Tgt Ion: 97 Resp: 186684
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 46.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.590 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 65 Resp: 352128

Ion Ratio Lower Upper

65 100

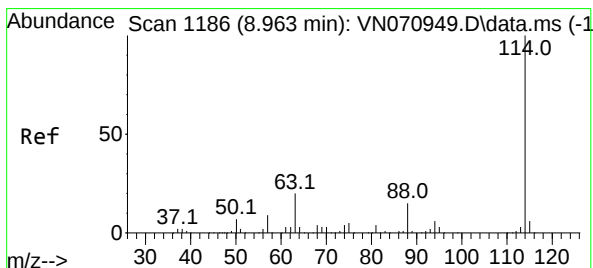
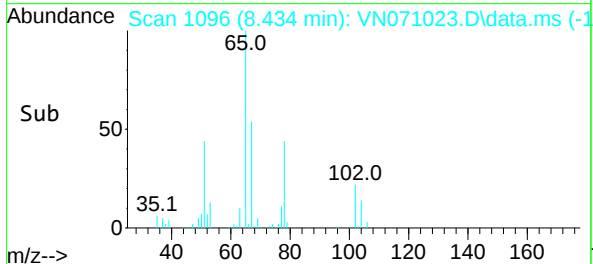
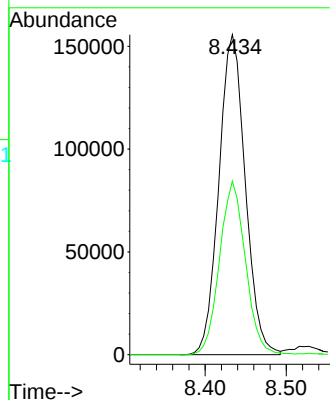
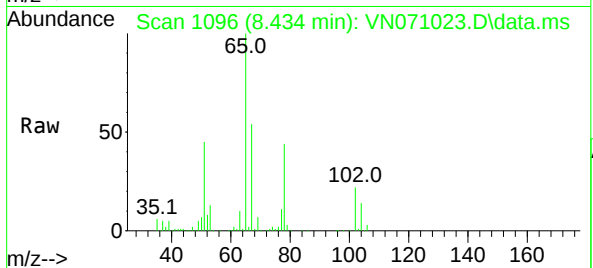
67 53.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

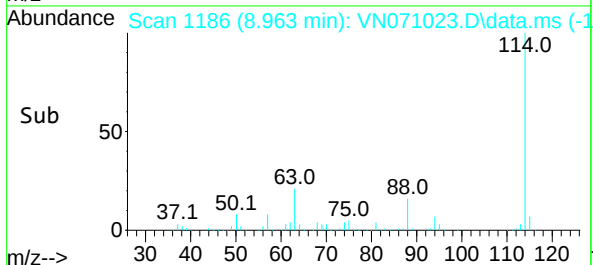
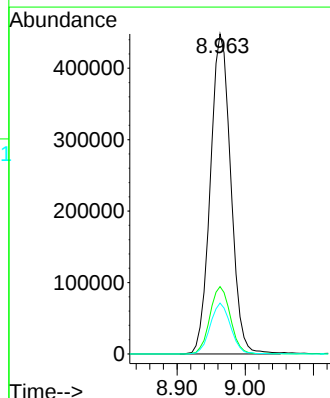
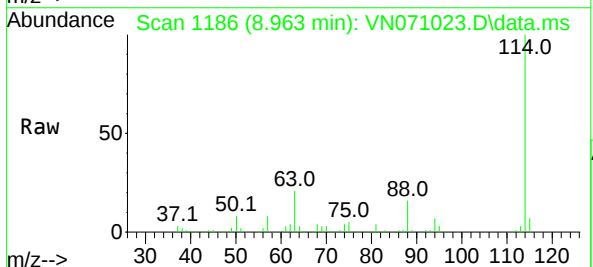
Tgt Ion:114 Resp: 934077

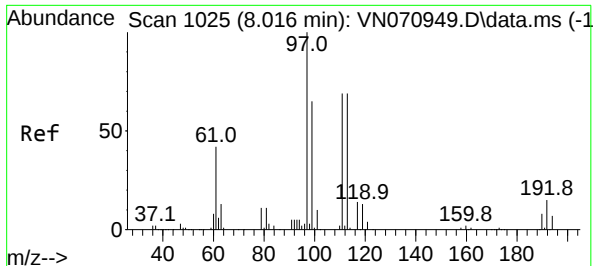
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.8

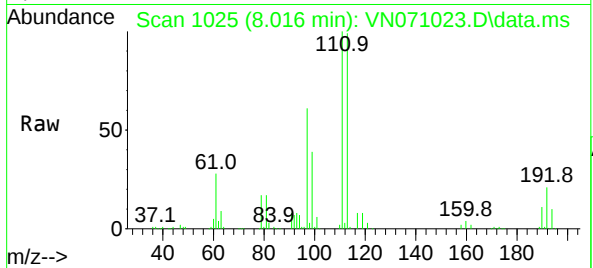
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.611 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

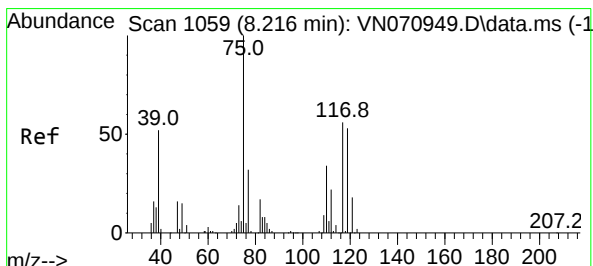
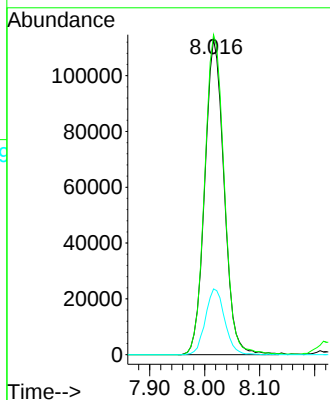
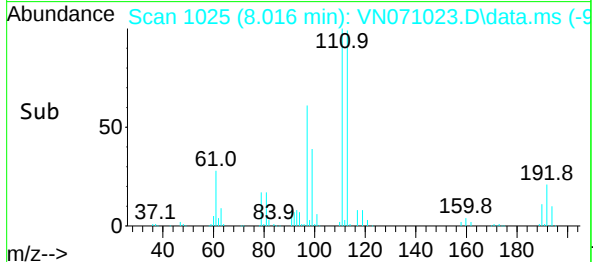
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



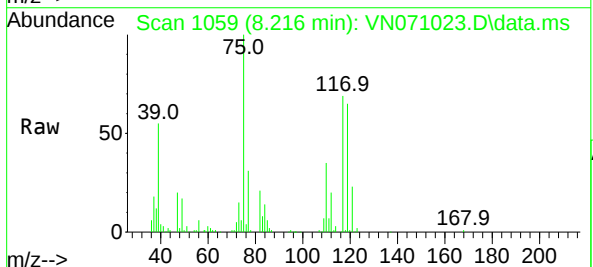
Tgt Ion: 113 Resp: 275634
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.9 16.9 25.3

Manual Integrations
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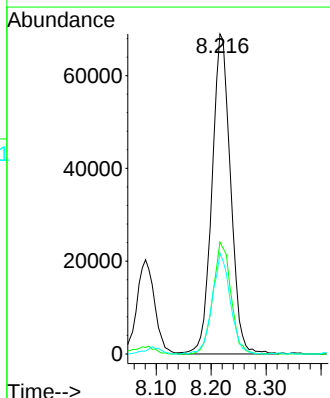
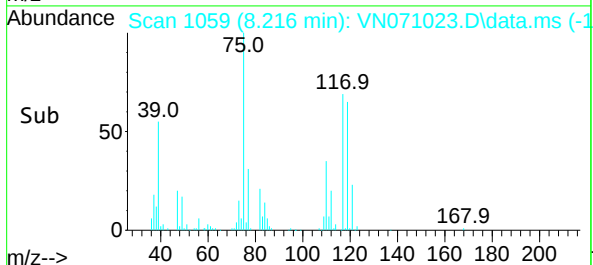
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

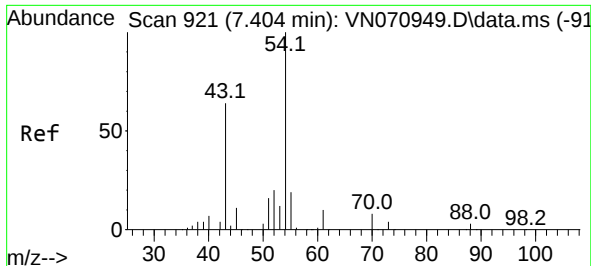


#36
1,1-Dichloropropene
Concen: 17.785 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



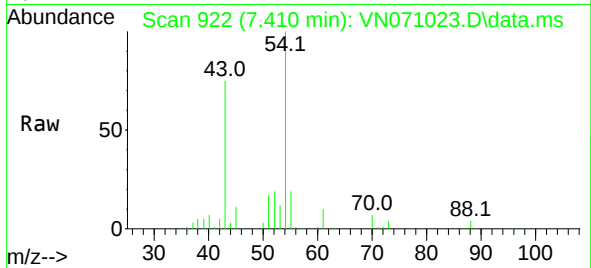
Tgt Ion: 75 Resp: 161887
Ion Ratio Lower Upper
75 100
110 33.8 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 21.882 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

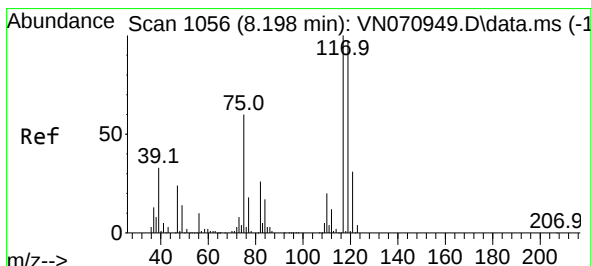
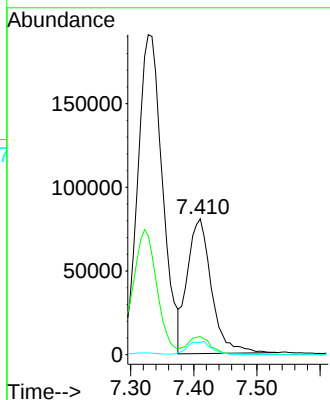
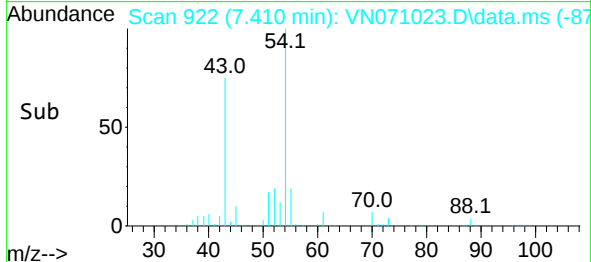
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 43 Resp: 21361
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 9.8 7.9 11.9

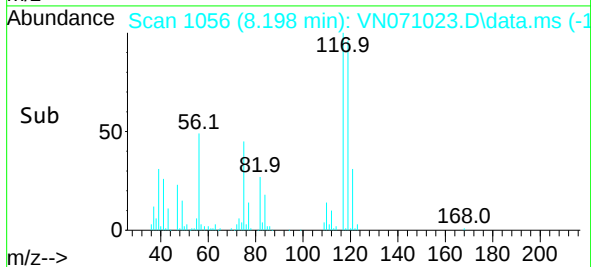
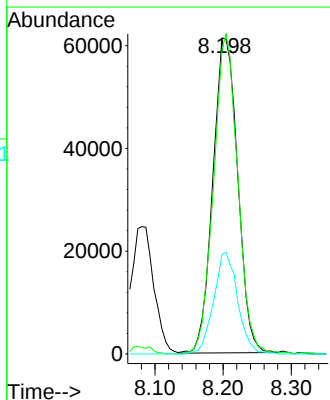
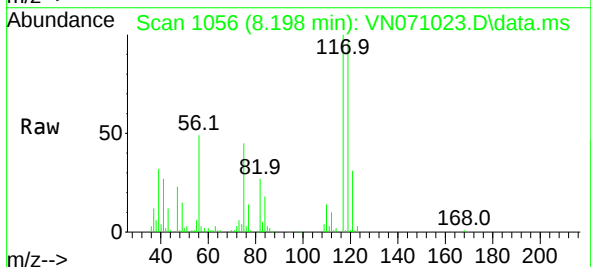
Manual Integrations
APPROVED

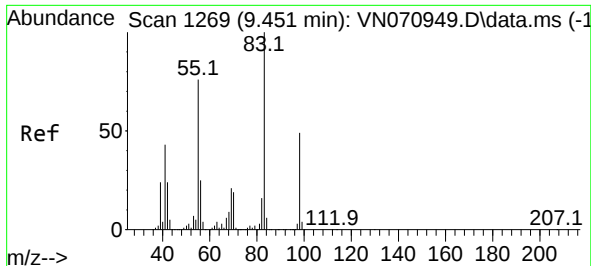
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#38
Carbon Tetrachloride
Concen: 17.300 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Tgt Ion:117 Resp: 155157
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 16.730 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 83 Resp: 195950

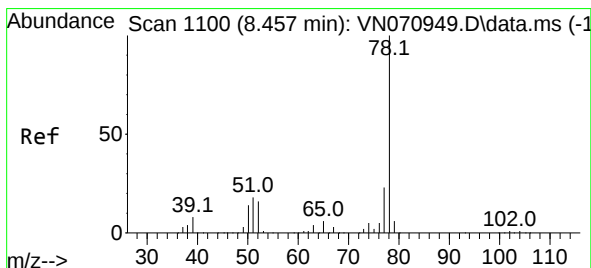
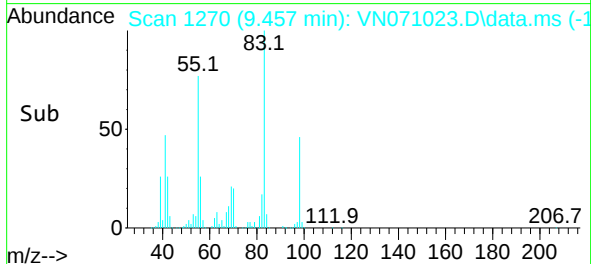
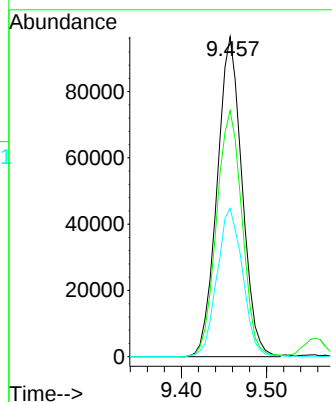
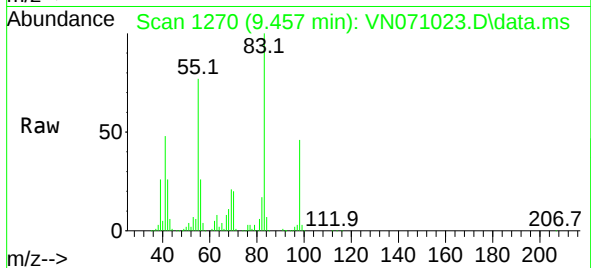
Ion	Ratio	Lower	Upper
83	100		
55	76.9	58.1	87.1
98	46.4	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#40

Benzene

Concen: 18.523 ug/l

RT: 8.457 min Scan# 1100

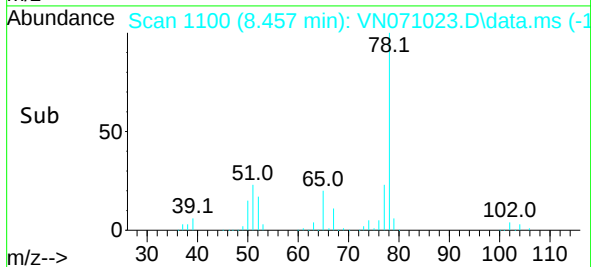
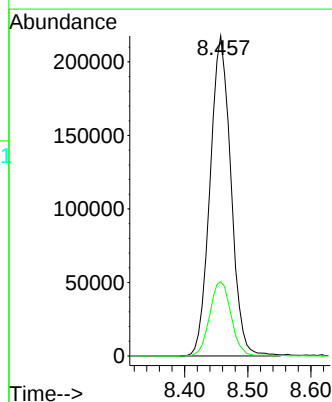
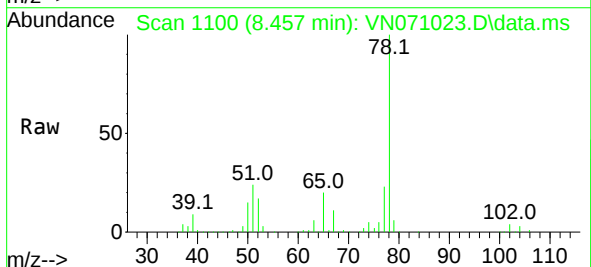
Delta R.T. 0.000 min

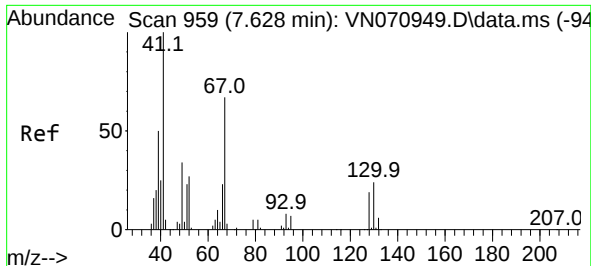
Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Tgt Ion: 78 Resp: 498742

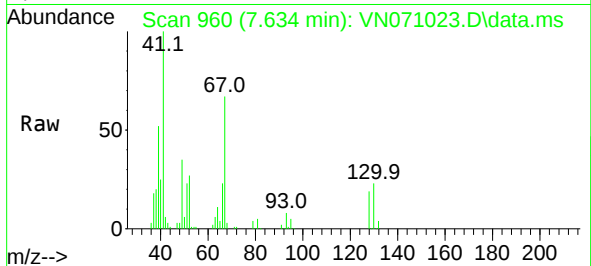
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





#41
Methacrylonitrile
Concen: 21.209 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

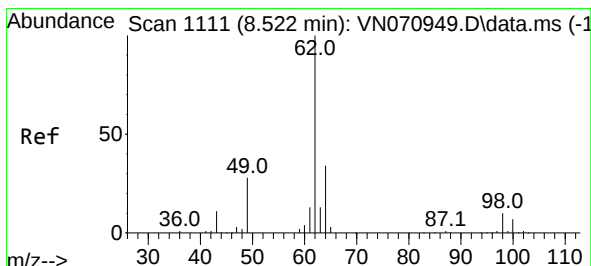
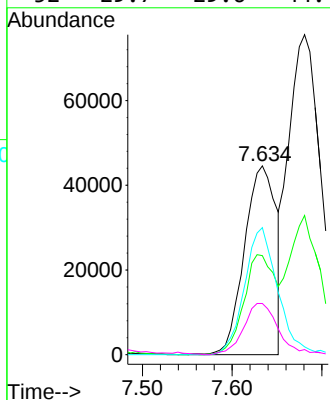
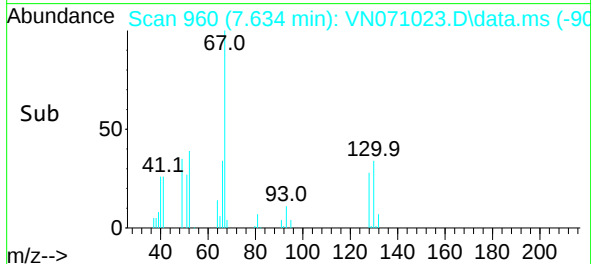
Instrument :
MSVOA_N
Client Sample Id :
VN0222WBSD01



Tgt Ion: 41 Resp: 10904
Ion Ratio Lower Upper
41 100
39 52.3 48.1 72.1
67 71.0 68.3 102.5
52 29.7 29.6 44.4

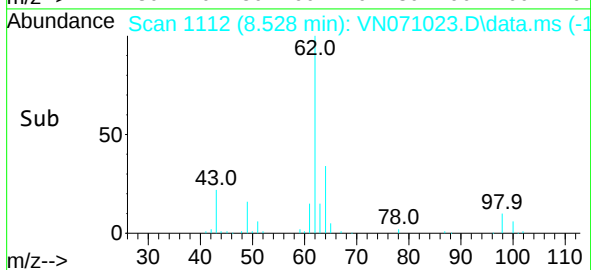
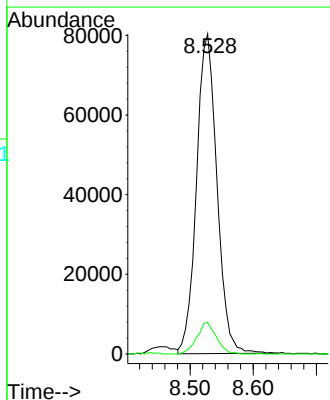
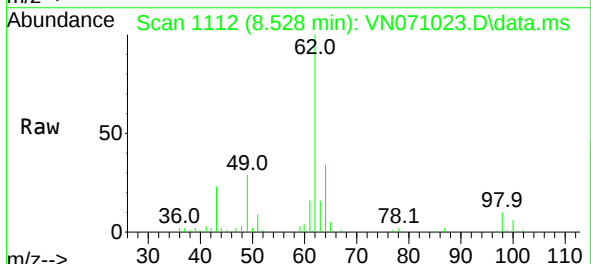
Manual Integrations
APPROVED

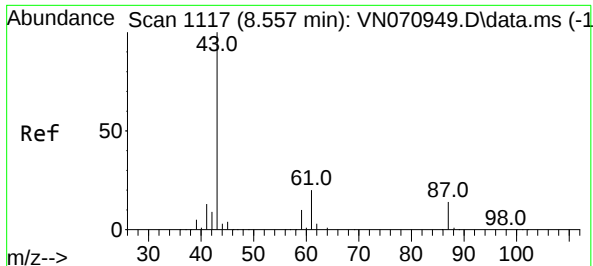
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#42
1,2-Dichloroethane
Concen: 19.663 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

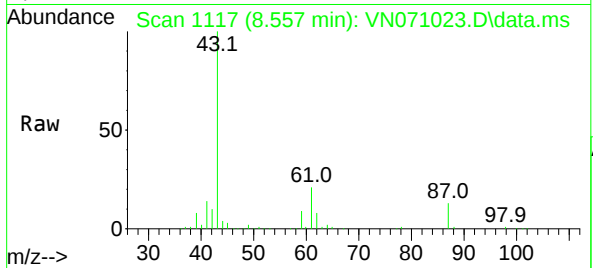
Tgt Ion: 62 Resp: 180311
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.632 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

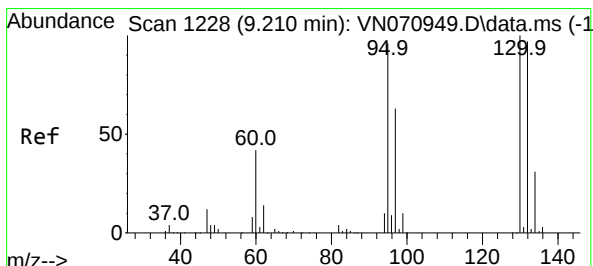
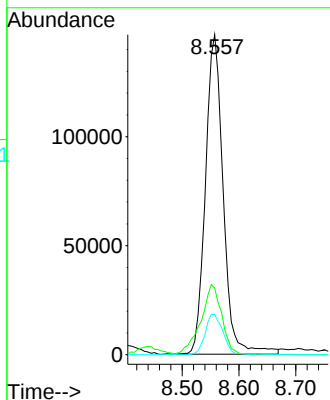
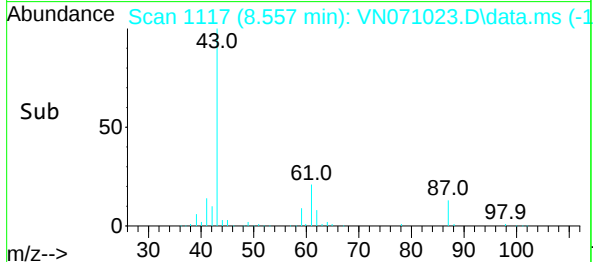
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



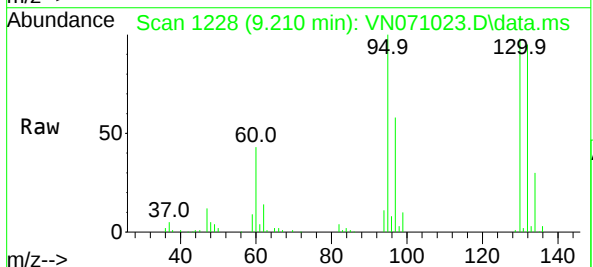
Tgt Ion: 43 Resp: 31746
Ion Ratio Lower Upper
43 100
61 25.6 20.4 30.6
87 12.5 11.2 16.8

Manual Integrations
APPROVED

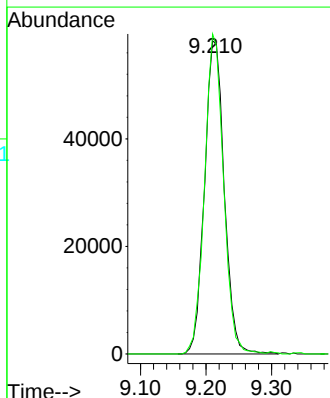
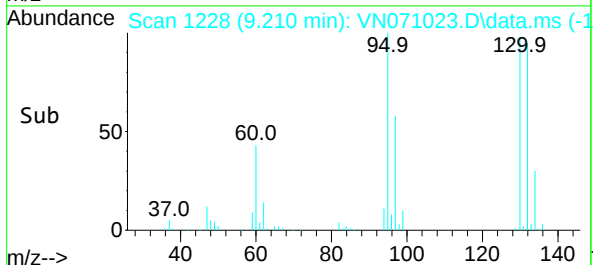
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

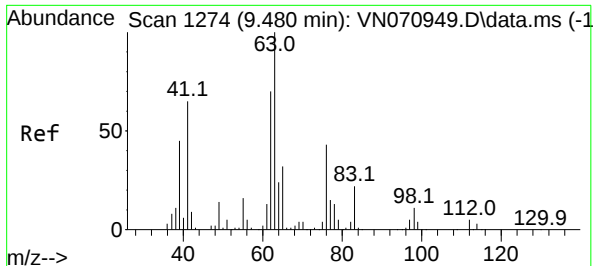


#44
Trichloroethene
Concen: 17.199 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



Tgt Ion:130 Resp: 121942
Ion Ratio Lower Upper
130 100
95 102.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.361 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 63 Resp: 13353

Ion Ratio Lower Upper

63 100

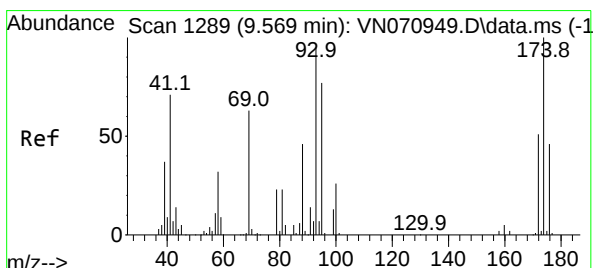
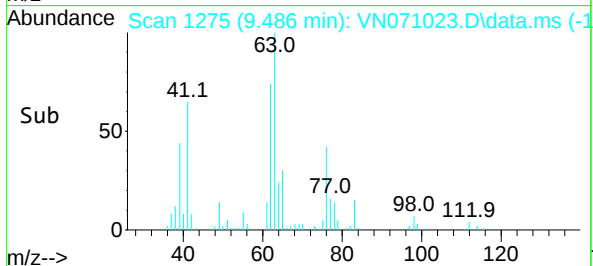
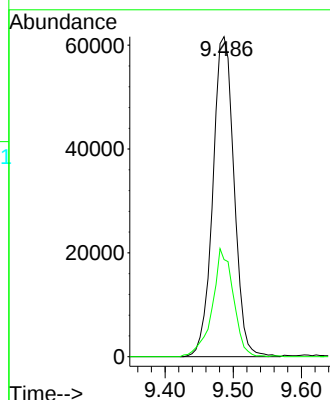
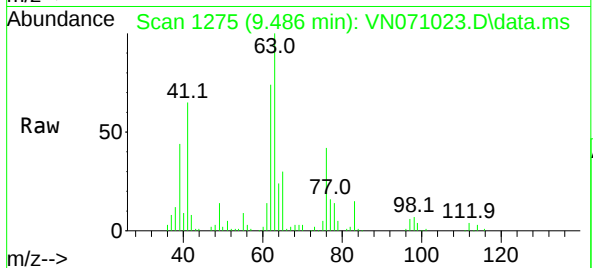
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#46

Dibromomethane

Concen: 18.504 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

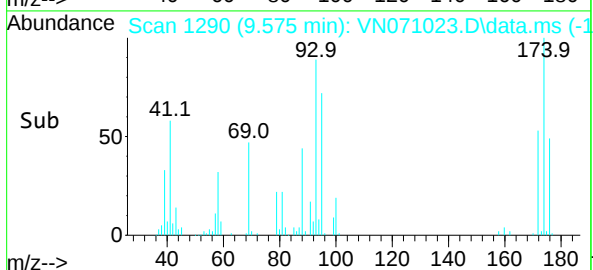
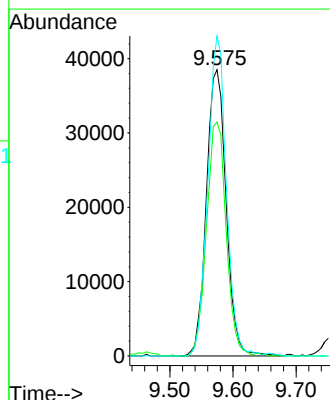
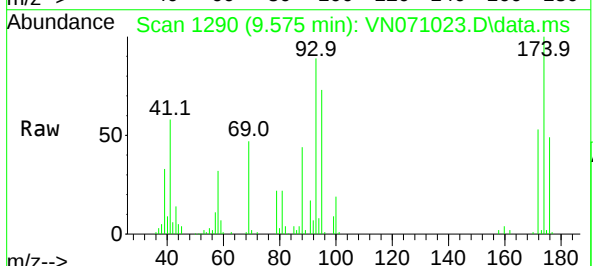
Tgt Ion: 93 Resp: 83986

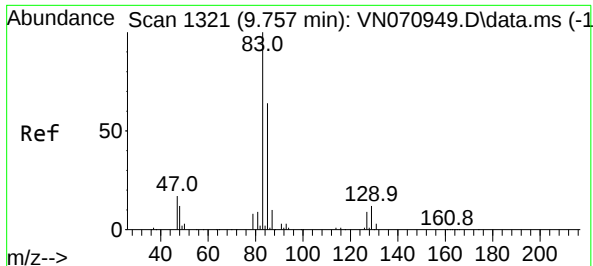
Ion Ratio Lower Upper

93 100

95 81.0 65.9 98.9

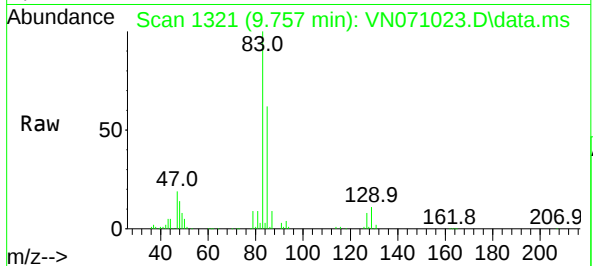
174 105.0 84.6 127.0





#47
Bromodichloromethane
Concen: 18.363 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

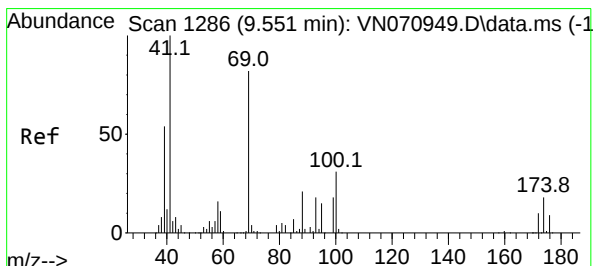
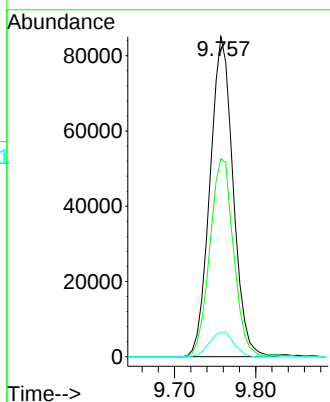
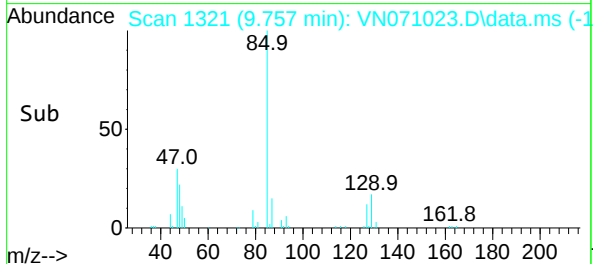
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



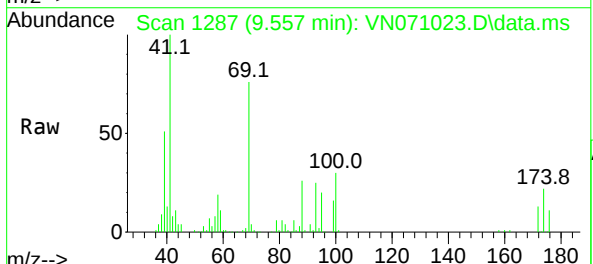
Tgt Ion: 83 Resp: 16844
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3
127 7.5 7.1 10.7

Manual Integrations
APPROVED

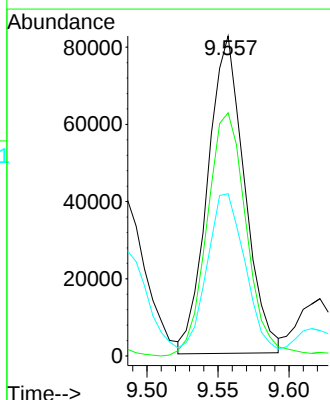
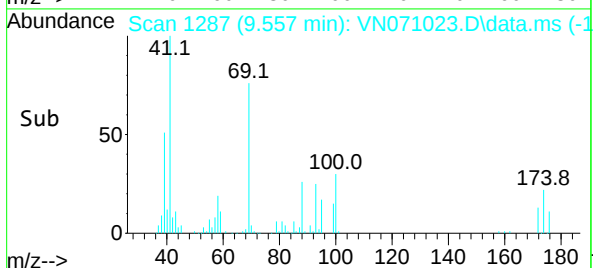
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

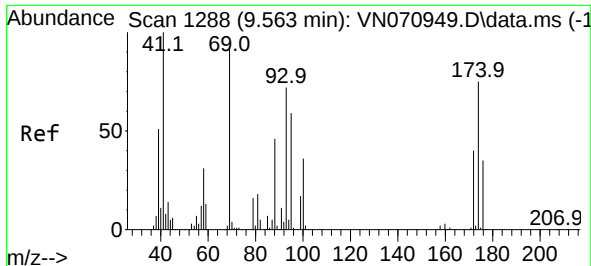


#48
Methyl methacrylate
Concen: 20.343 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



Tgt Ion: 41 Resp: 148164
Ion Ratio Lower Upper
41 100
69 82.7 72.4 108.6
39 53.3 58.4 87.6#





#49

1,4-Dioxane

Concen: 434.039 ug/l

RT: 9.563 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

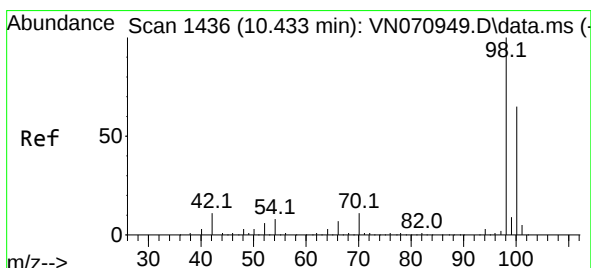
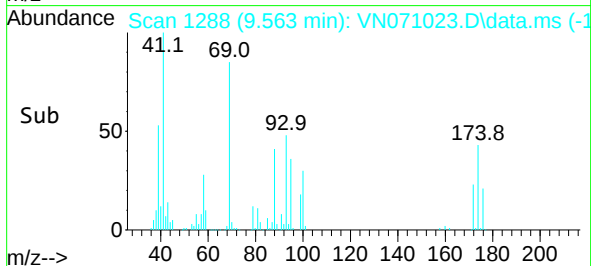
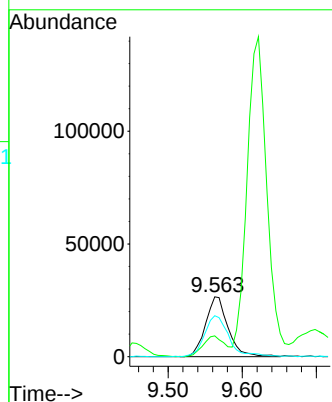
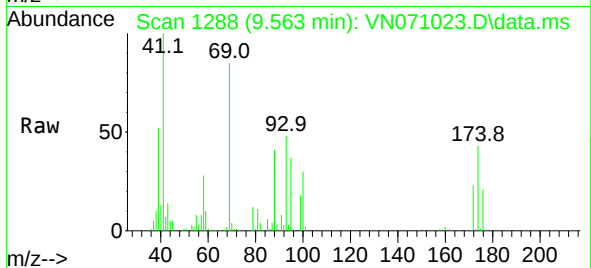
Tgt Ion: 88 Resp: 5614
 Ion Ratio Lower Upper
 88 100
 43 34.9 23.4 35.2
 58 74.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#50

Toluene-d8

Concen: 48.929 ug/l

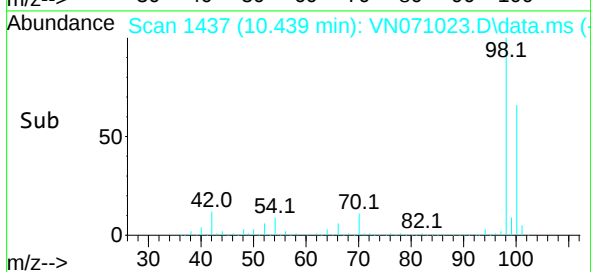
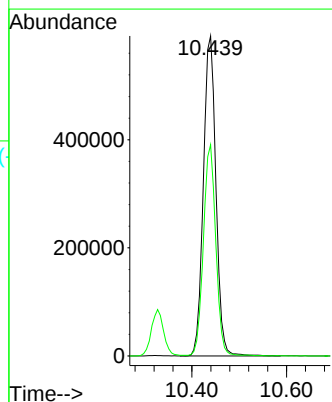
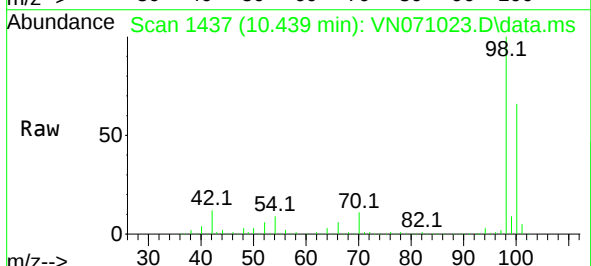
RT: 10.439 min Scan# 1437

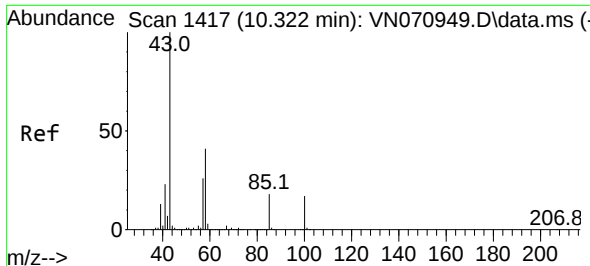
Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Tgt Ion: 98 Resp: 1091715
 Ion Ratio Lower Upper
 98 100
 100 64.7 50.4 75.6





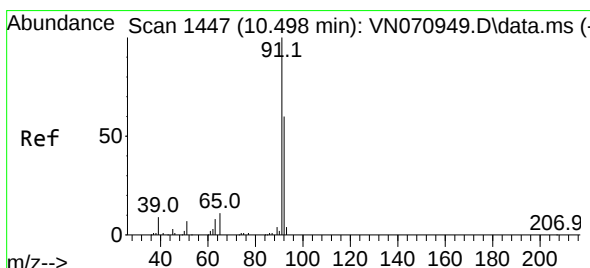
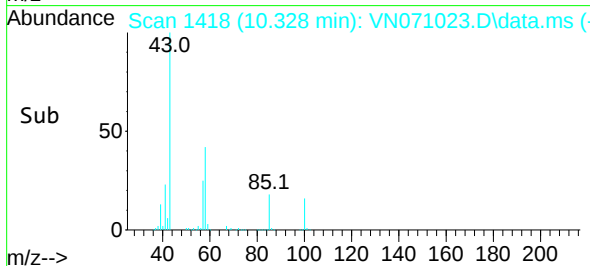
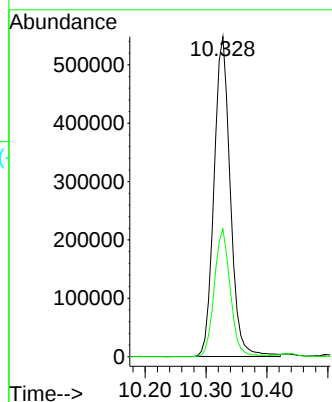
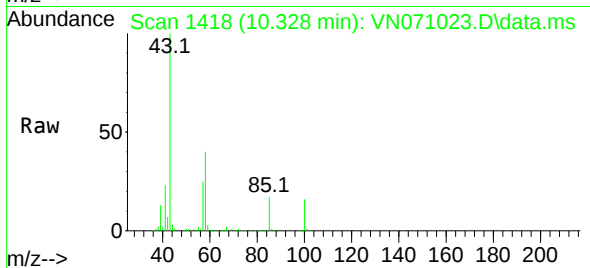
#51
4-Methyl-2-Pentanone
Concen: 108.697 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion: 43 Resp: 101761
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

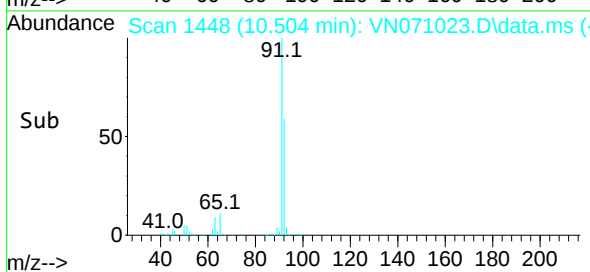
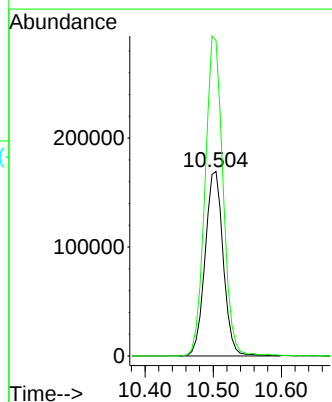
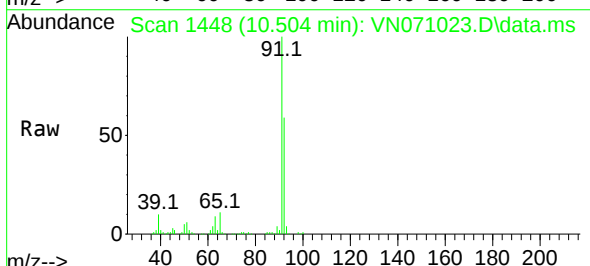
Manual Integrations
APPROVED

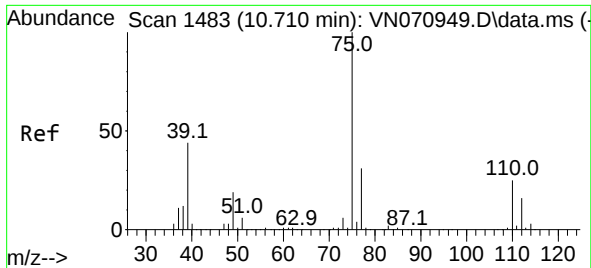
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#52
Toluene
Concen: 18.516 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

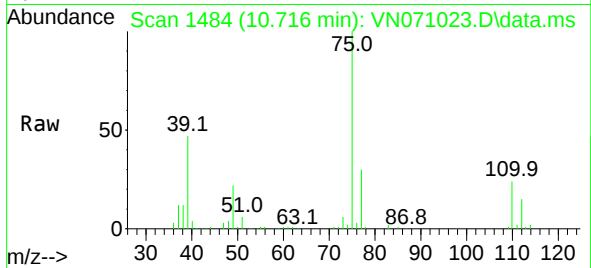
Tgt Ion: 92 Resp: 313266
Ion Ratio Lower Upper
92 100
91 171.5 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 18.153 ug/l
 RT: 10.716 min Scan# 1483
 Delta R.T. 0.006 min
 Lab File: VN071023.D
 Acq: 22 Feb 2022 13:10

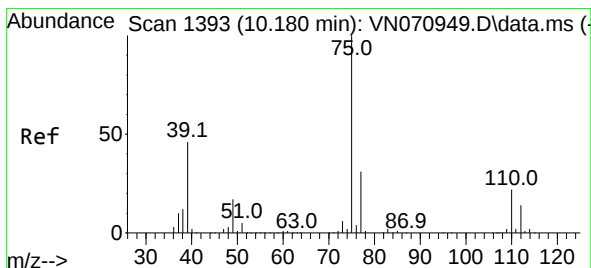
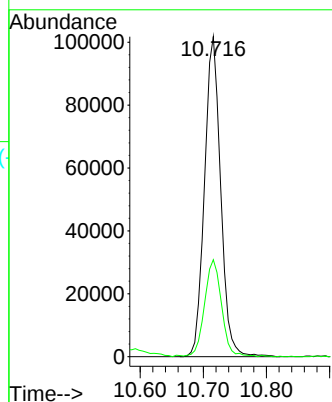
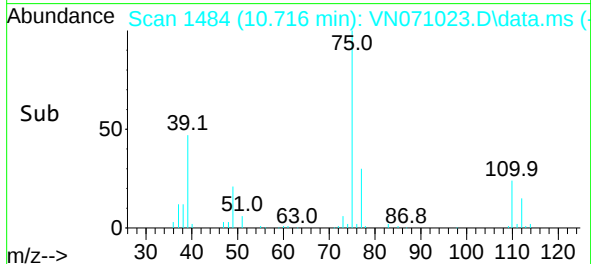
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01



Tgt Ion: 75 Resp: 181064
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.6 38.4

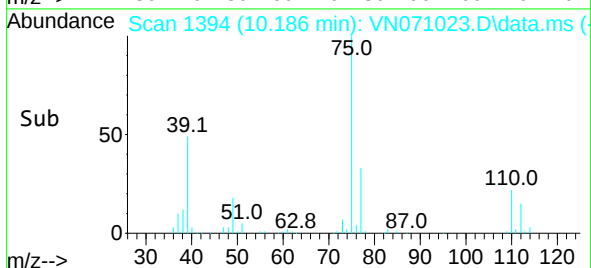
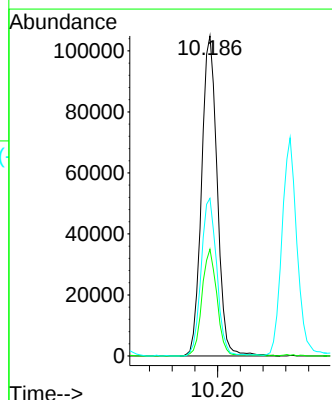
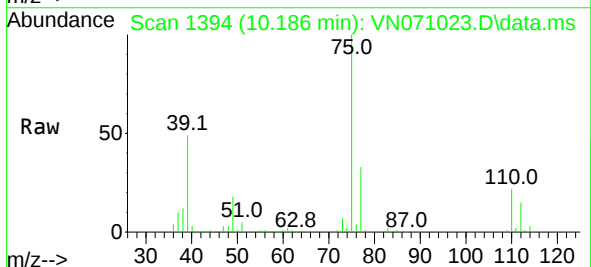
Manual Integrations
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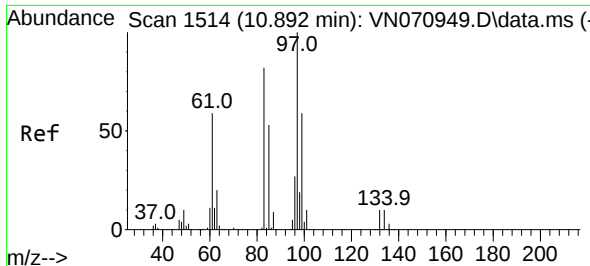
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.296 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.006 min
 Lab File: VN071023.D
 Acq: 22 Feb 2022 13:10

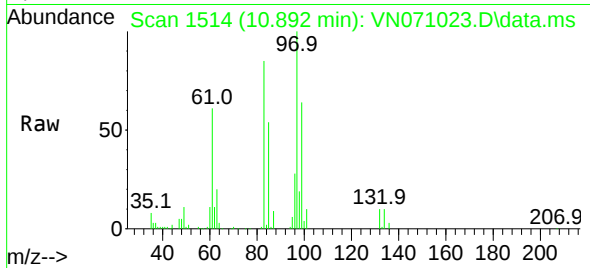
Tgt Ion: 75 Resp: 200421
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.4 39.6
 39 49.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.098 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

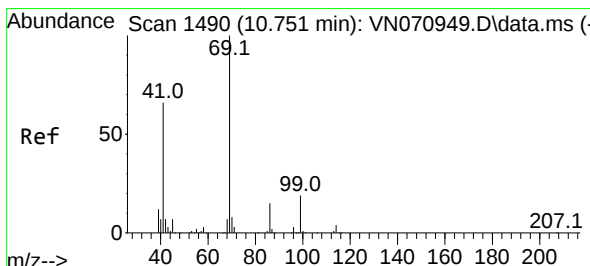
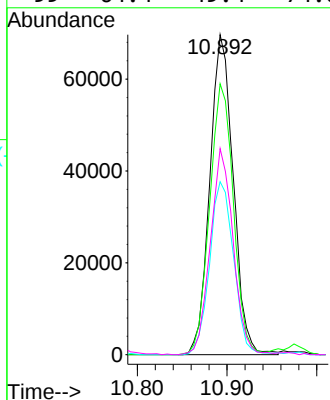
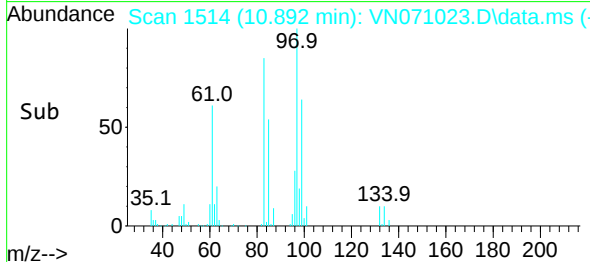


Tgt Ion: 97 Resp: 126470

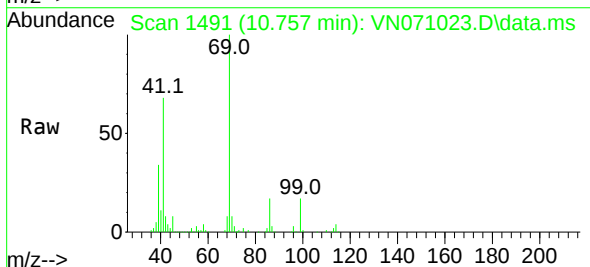
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.8	101.6
85	54.1	45.4	68.2
99	64.4	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

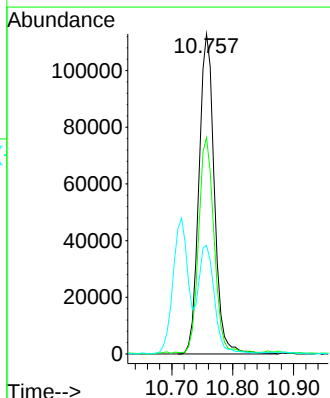
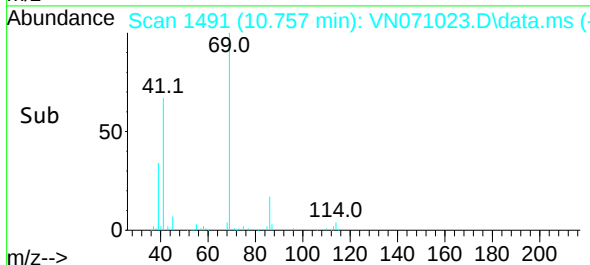


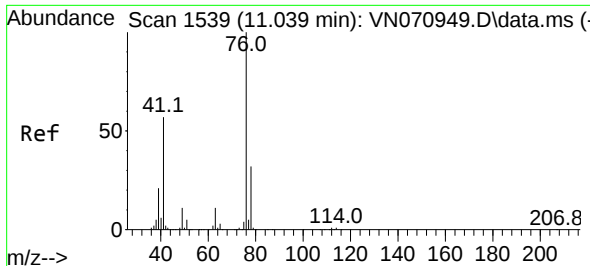
#56
Ethyl methacrylate
Concen: 19.795 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



Tgt Ion: 69 Resp: 197512

Ion	Ratio	Lower	Upper
69	100		
41	68.0	51.4	77.0
39	35.4	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.545 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 76 Resp: 22389

Ion Ratio Lower Upper

76 100

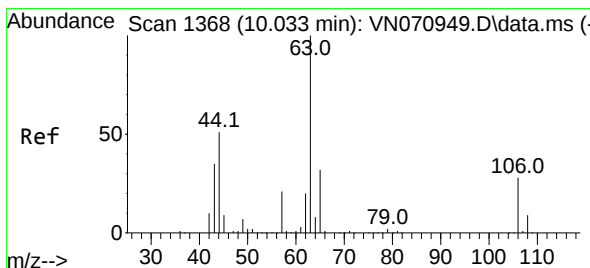
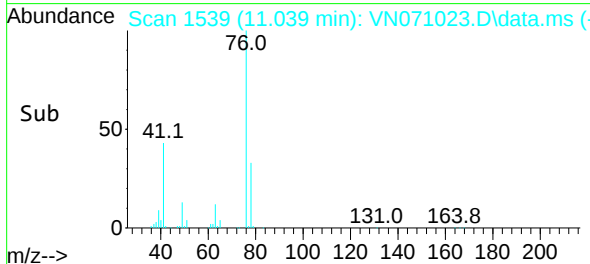
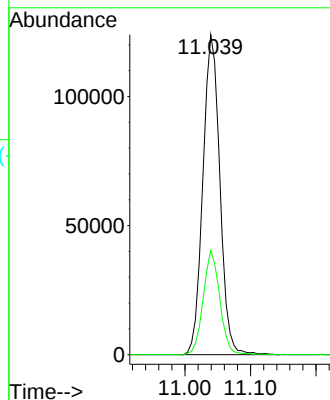
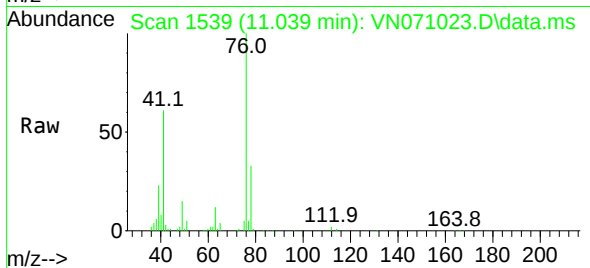
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 93.106 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VN071023.D

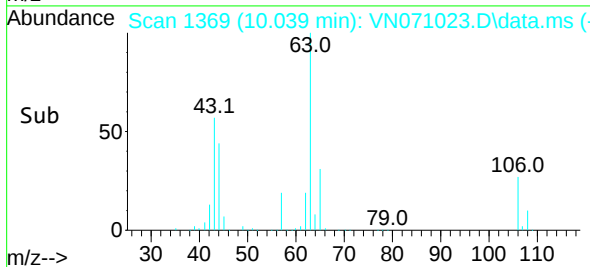
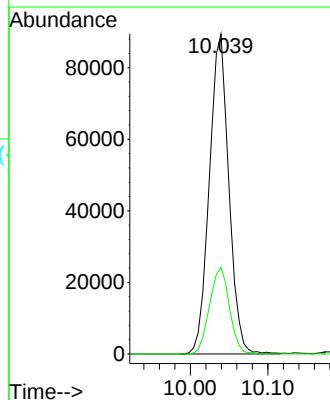
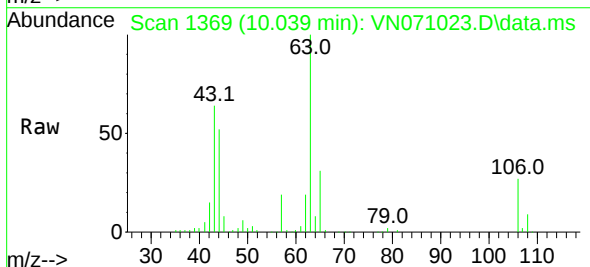
Acq: 22 Feb 2022 13:10

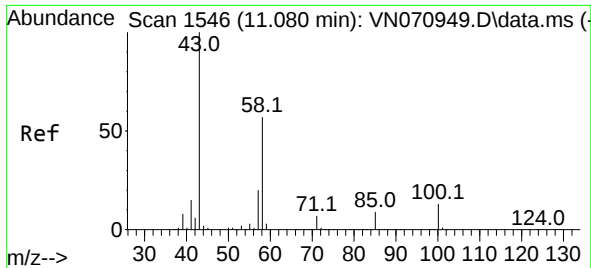
Tgt Ion: 63 Resp: 155898

Ion Ratio Lower Upper

63 100

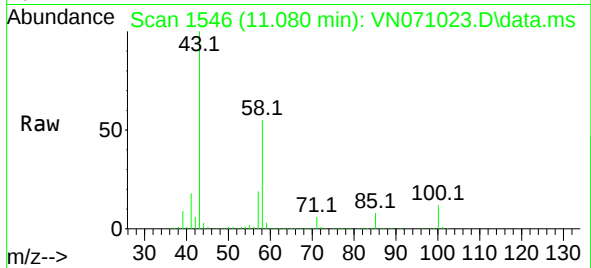
106 27.4 23.9 35.9





#59
2-Hexanone
Concen: 109.977 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

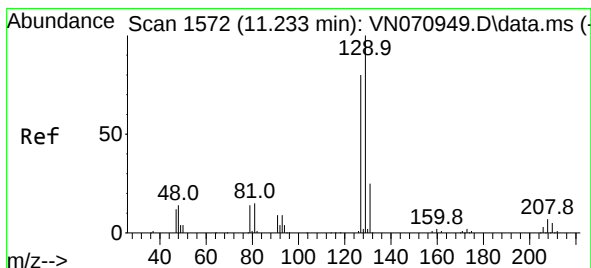
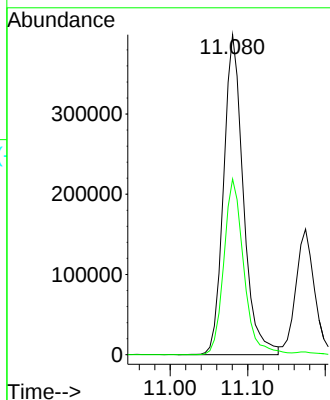
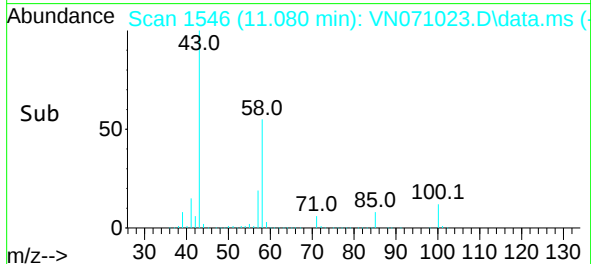
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



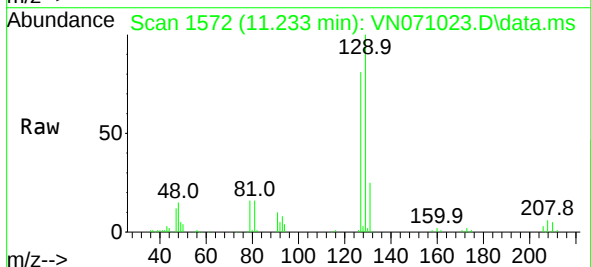
Tgt Ion: 43 Resp: 708108
Ion Ratio Lower Upper
43 100
58 55.4 26.9 80.7

Manual Integrations
APPROVED

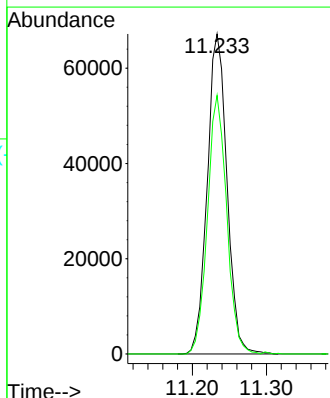
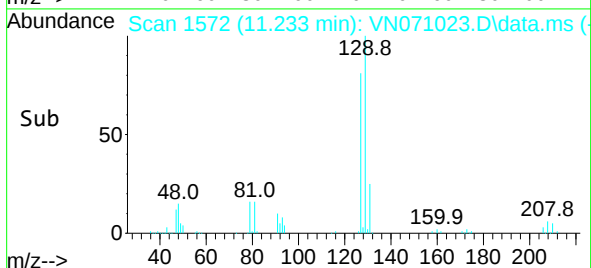
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

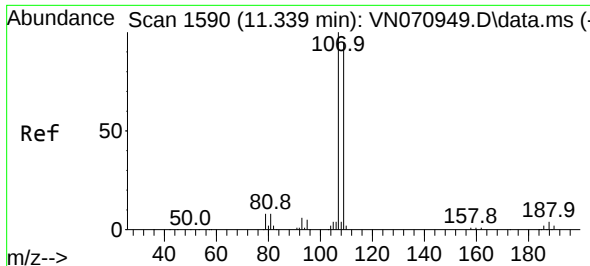


#60
Dibromochloromethane
Concen: 17.796 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



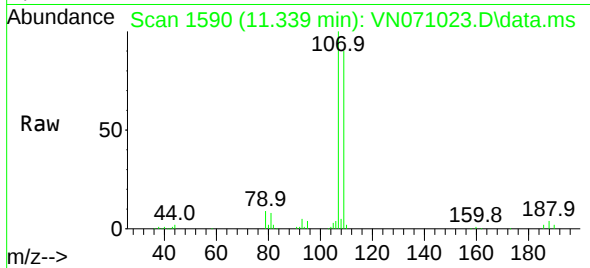
Tgt Ion:129 Resp: 124554
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.013 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

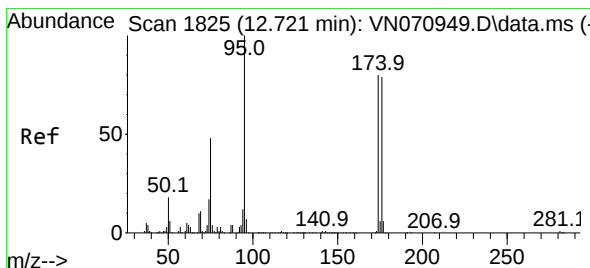
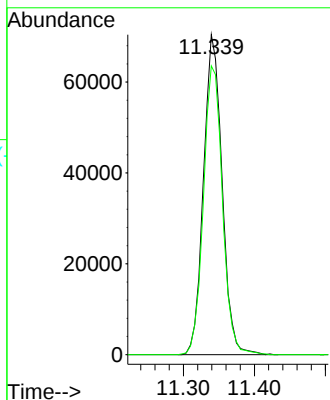
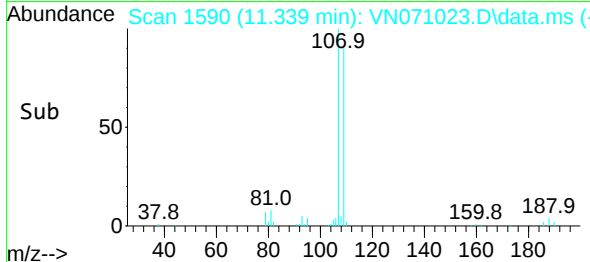
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



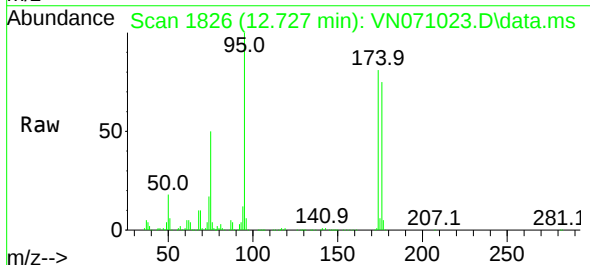
Tgt Ion:107 Resp: 128074
Ion Ratio Lower Upper
107 100
109 92.6 75.7 113.5

Manual Integrations
APPROVED

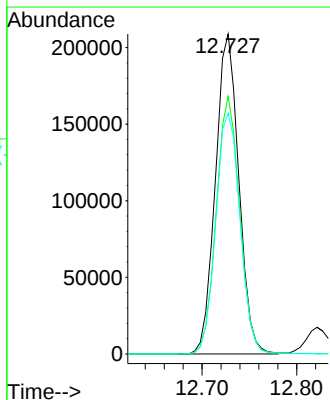
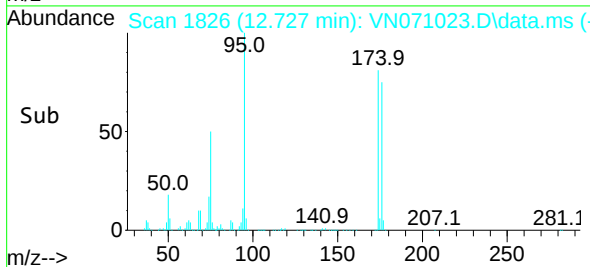
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

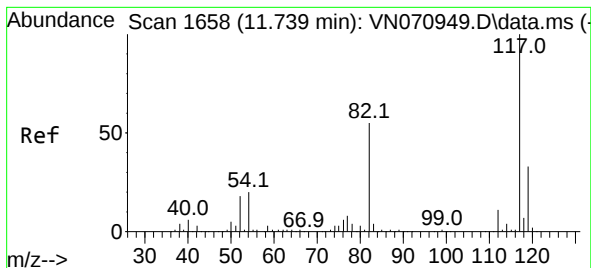


#62
4-Bromofluorobenzene
Concen: 44.956 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



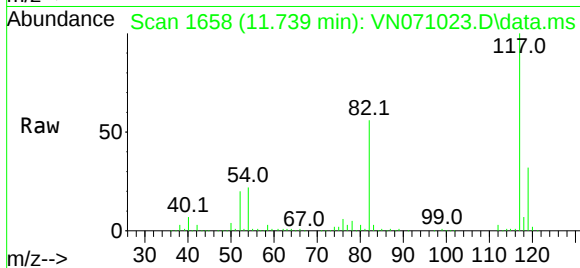
Tgt Ion: 95 Resp: 358533
Ion Ratio Lower Upper
95 100
174 80.9 0.0 187.2
176 78.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

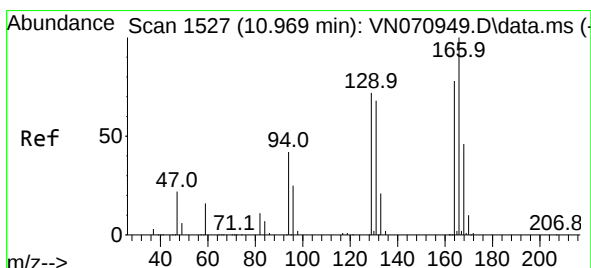
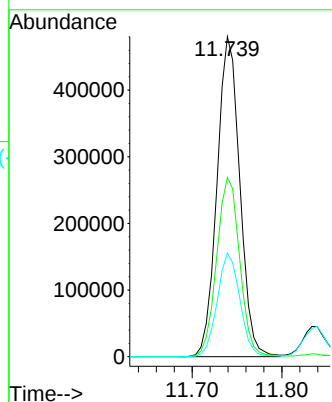
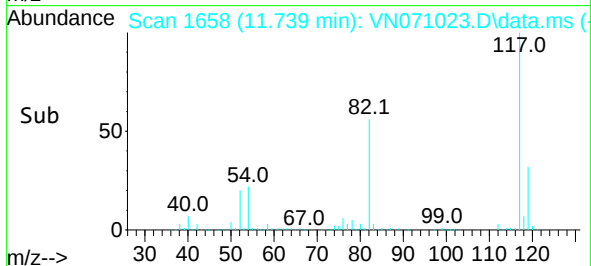
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



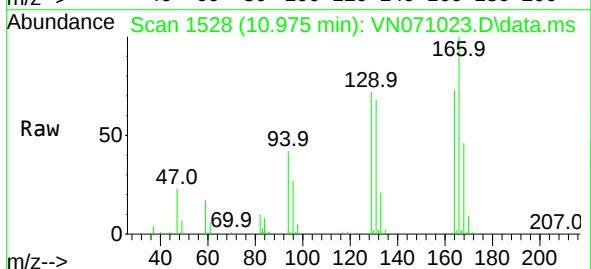
Tgt Ion:117 Resp: 847279
Ion Ratio Lower Upper
117 100
82 56.0 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

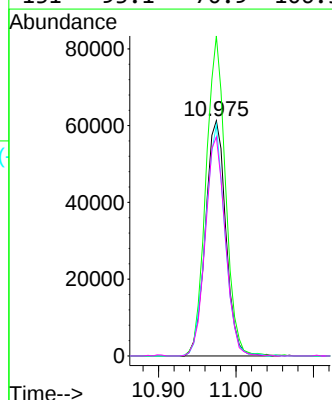
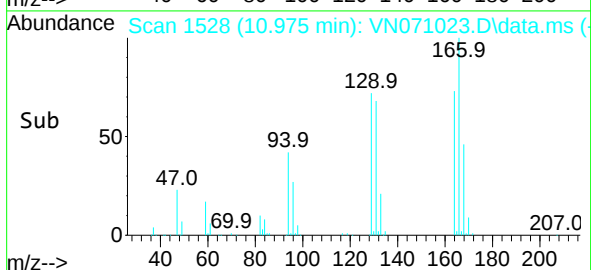
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

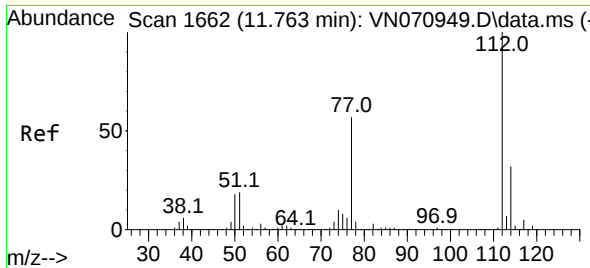


#64
Tetrachloroethene
Concen: 16.927 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



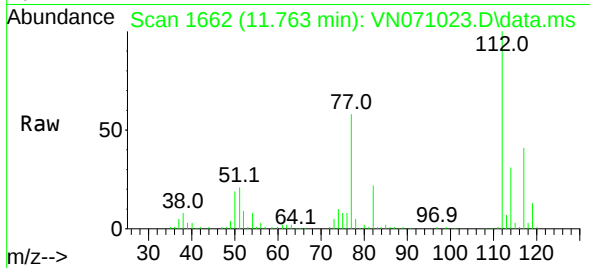
Tgt Ion:164 Resp: 111694
Ion Ratio Lower Upper
164 100
166 136.1 101.9 152.9
129 98.3 72.0 108.0
131 93.1 70.9 106.3





#65
Chlorobenzene
Concen: 18.059 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

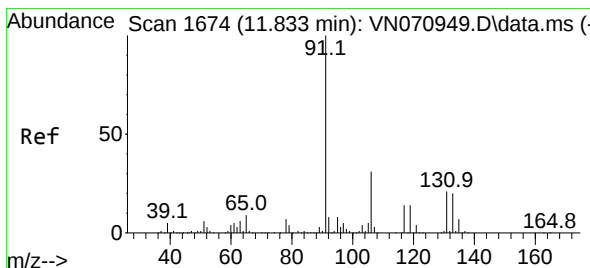
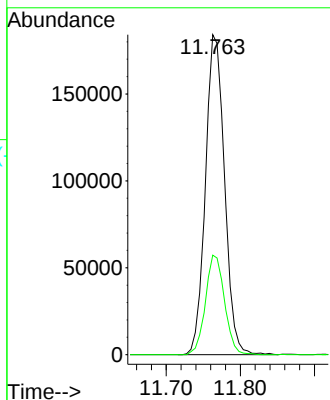
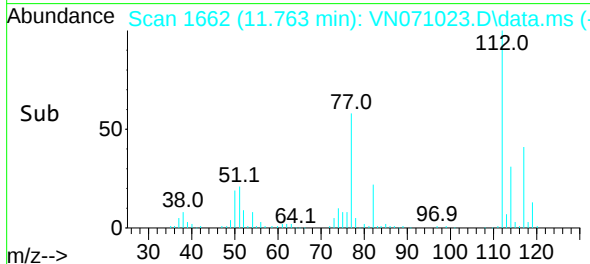
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



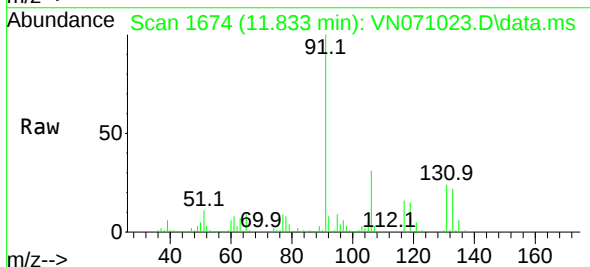
Tgt Ion:112 Resp: 32971
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0

Manual Integrations
APPROVED

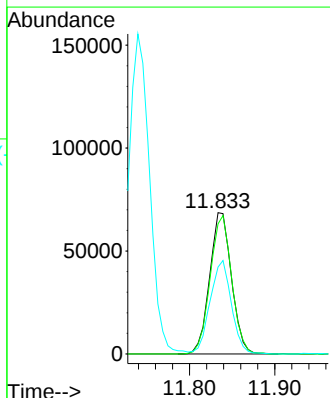
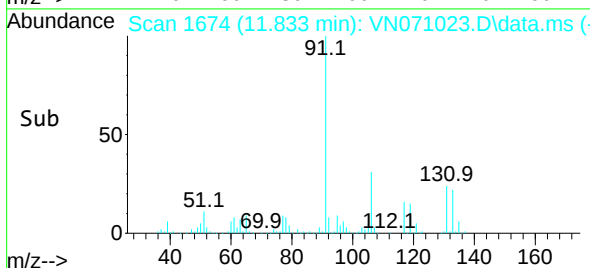
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

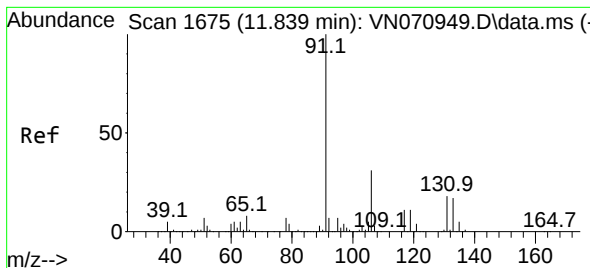


#66
1,1,1,2-Tetrachloroethane
Concen: 18.339 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



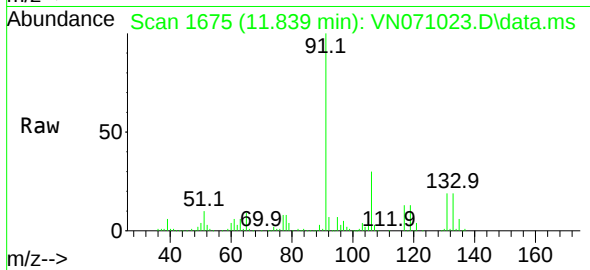
Tgt Ion:131 Resp: 122049
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 17.954 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

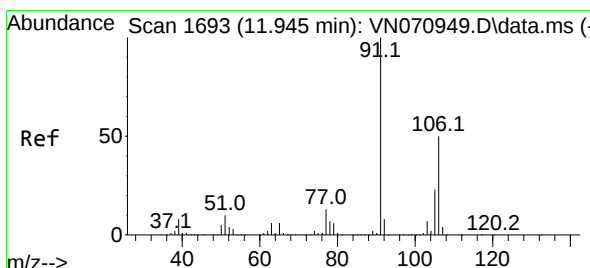
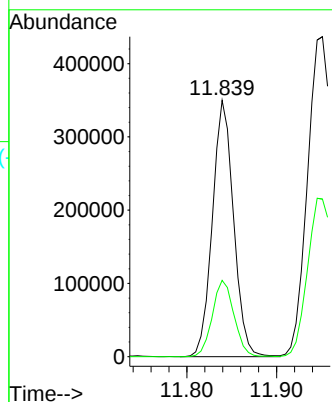
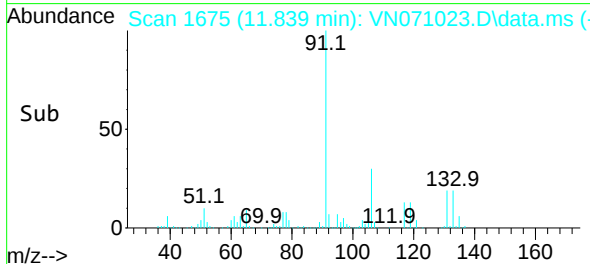
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



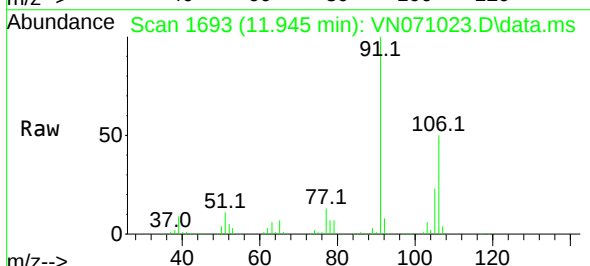
Tgt Ion: 91 Resp: 573730
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

Manual Integrations
APPROVED

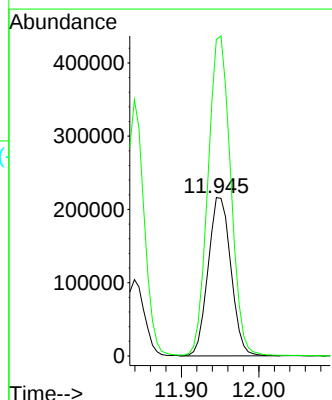
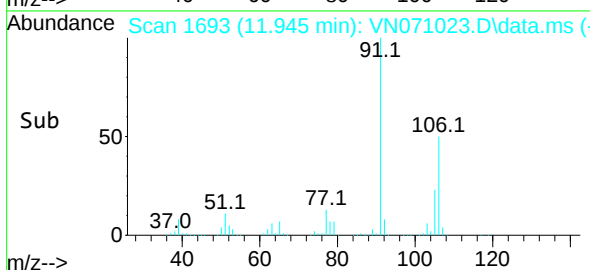
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

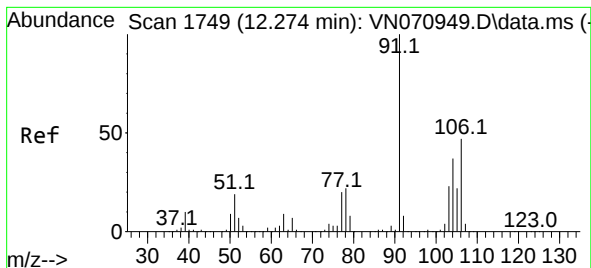


#68
m/p-Xylenes
Concen: 35.785 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



Tgt Ion:106 Resp: 441705
Ion Ratio Lower Upper
106 100
91 201.6 160.6 240.8





#69

o-Xylene

Concen: 17.716 ug/l

RT: 12.280 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion:106 Resp: 21360

Ion Ratio Lower Upper

106 100

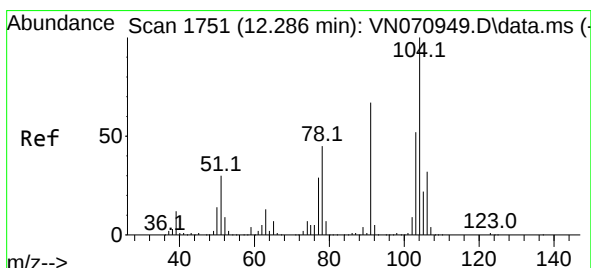
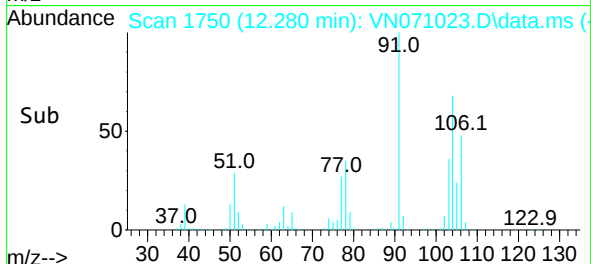
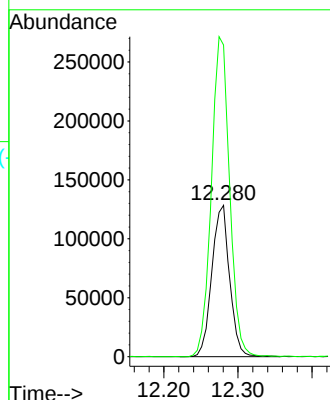
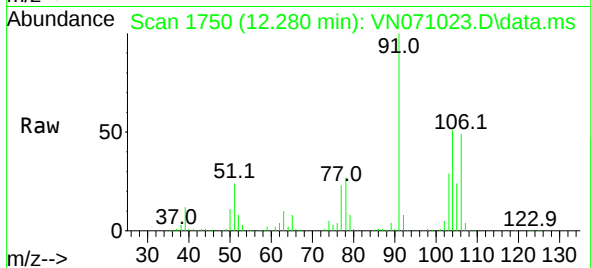
91 217.2 105.8 317.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#70

Styrene

Concen: 17.713 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

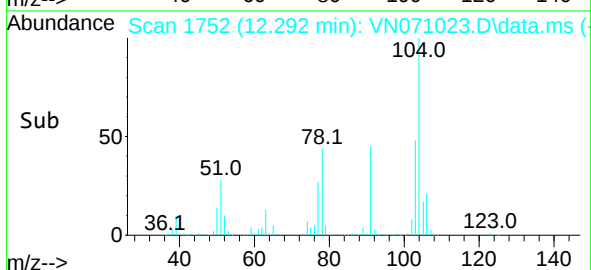
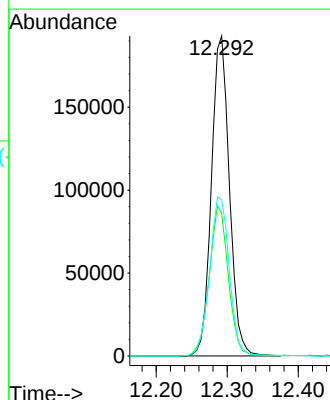
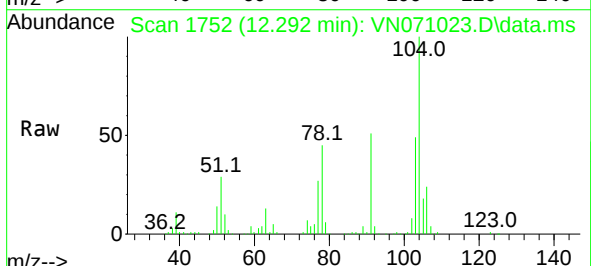
Tgt Ion:104 Resp: 339599

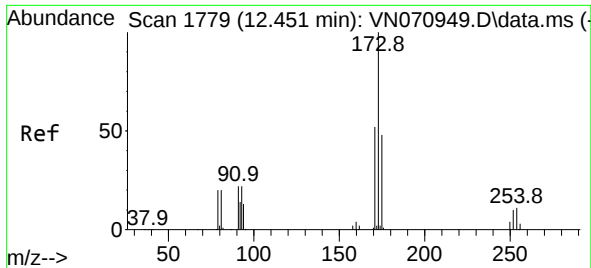
Ion Ratio Lower Upper

104 100

78 49.8 38.7 58.1

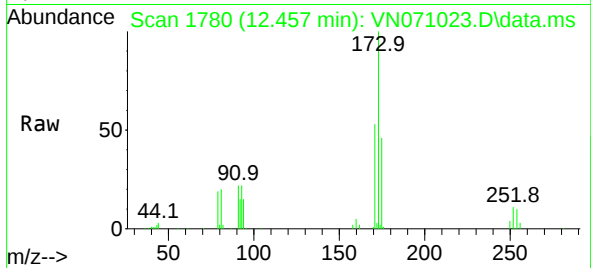
103 54.3 45.0 67.6





#71
Bromoform
Concen: 17.243 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

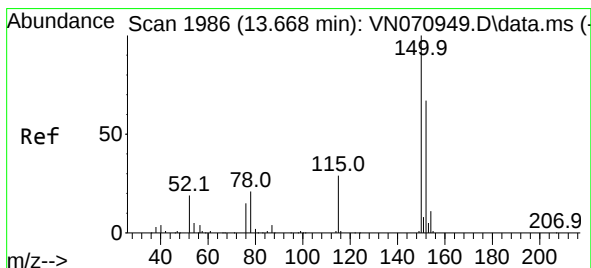
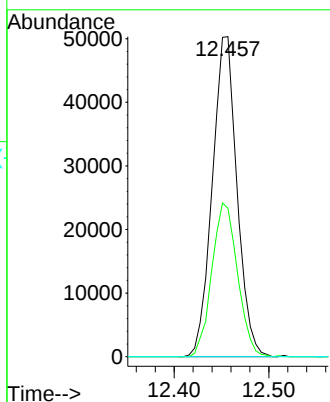
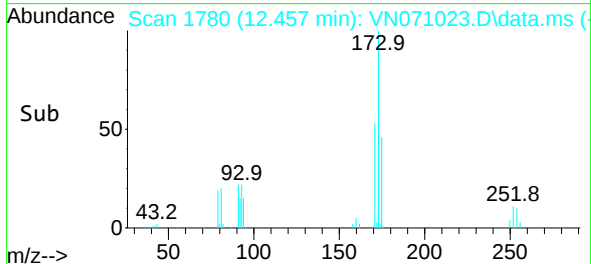
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



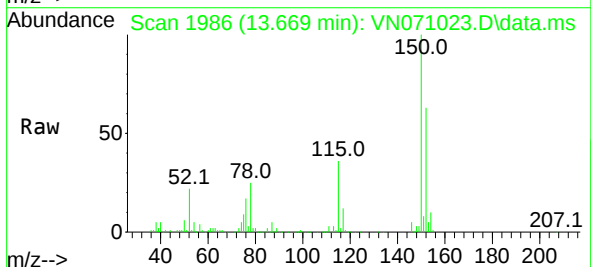
Tgt Ion:173 Resp: 91390
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

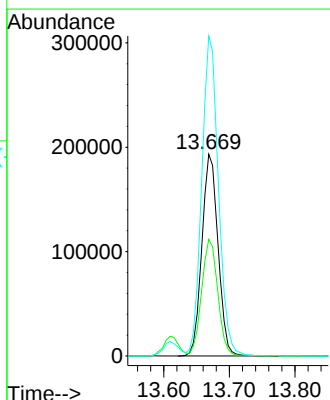
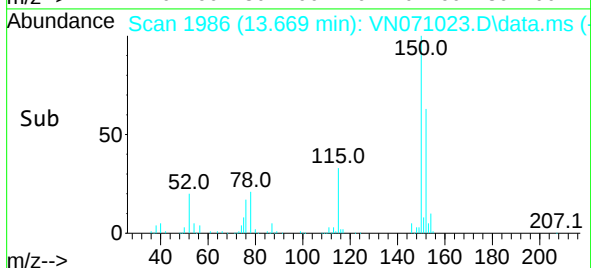
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

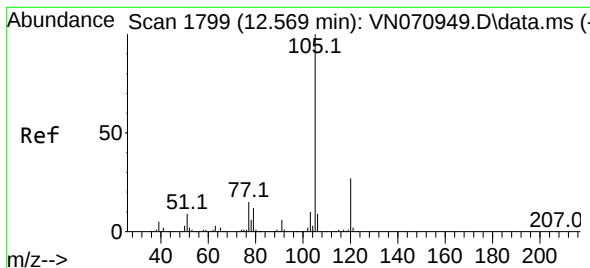


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10



Tgt Ion:152 Resp: 331343
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 163.4 0.0 344.4





#73

Isopropylbenzene

Concen: 20.899 ug/l

RT: 12.575 min Scan# 1799

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion:105 Resp: 55738

Ion Ratio Lower Upper

105 100

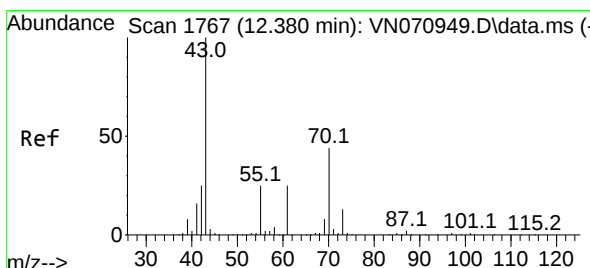
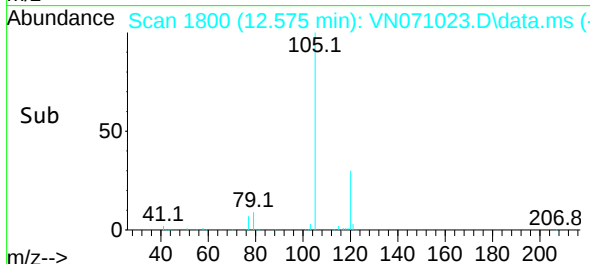
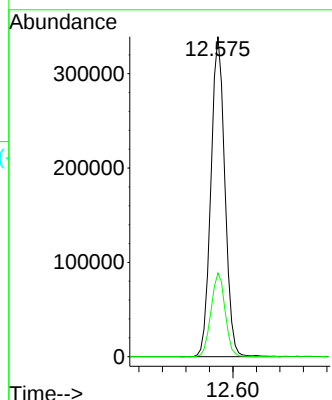
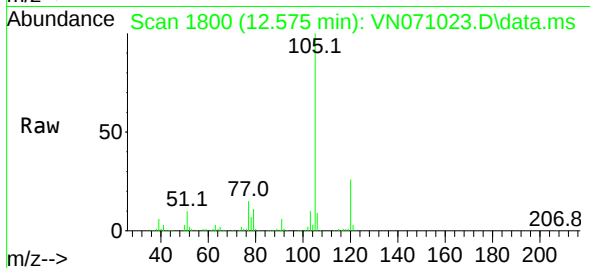
120 26.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#74

N-ethyl acetate

Concen: 21.852 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Tgt Ion: 43 Resp: 186293

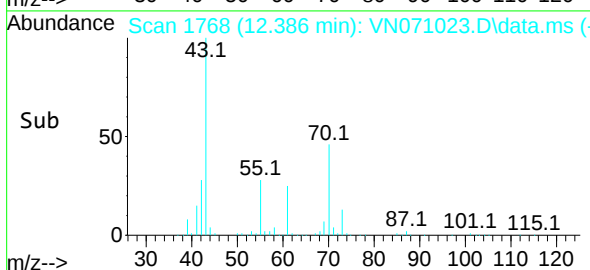
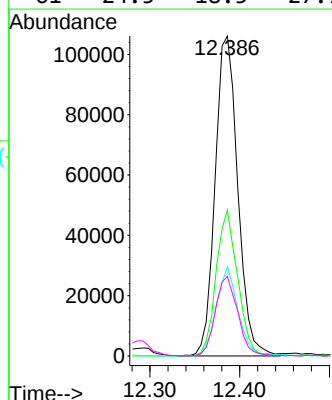
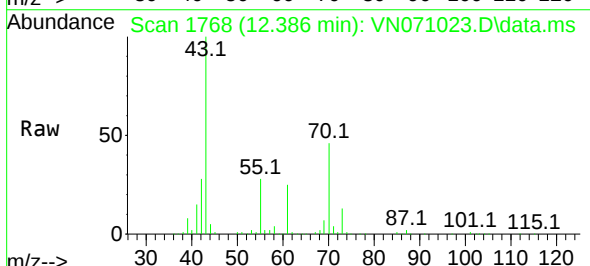
Ion Ratio Lower Upper

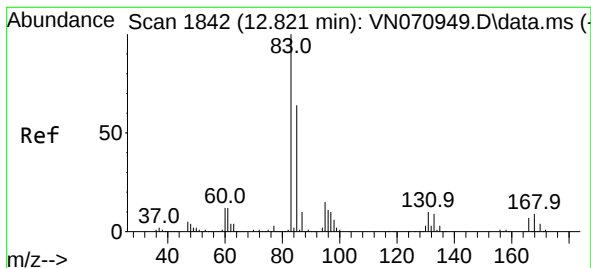
43 100

70 43.4 33.4 50.0

55 26.8 19.3 28.9

61 24.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.458 ug/l

RT: 12.822 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 83 Resp: 19033

Ion Ratio Lower Upper

83 100

131 9.7 5.5 16.5

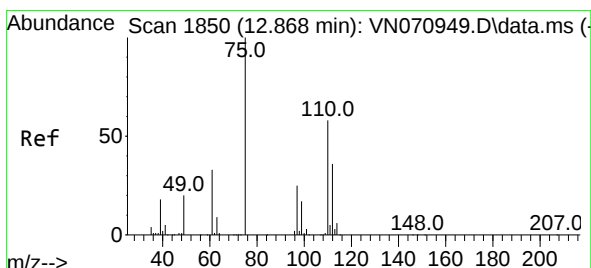
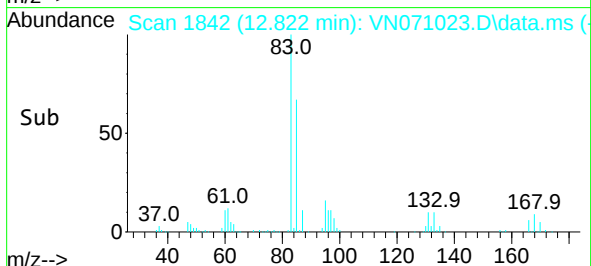
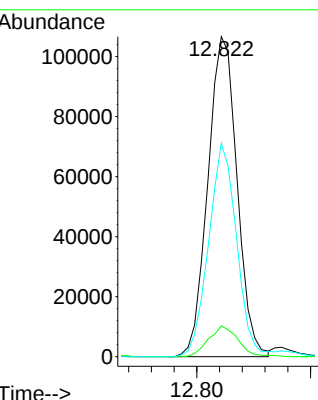
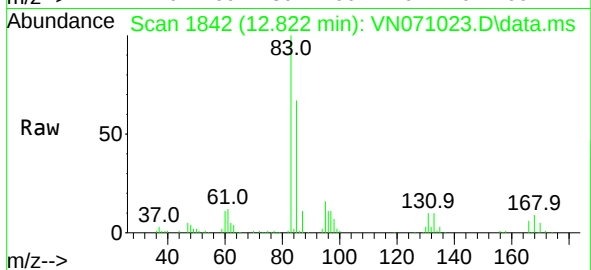
85 63.9 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#76

1,2,3-Trichloropropane

Concen: 21.581 ug/l m

RT: 12.874 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VN071023.D

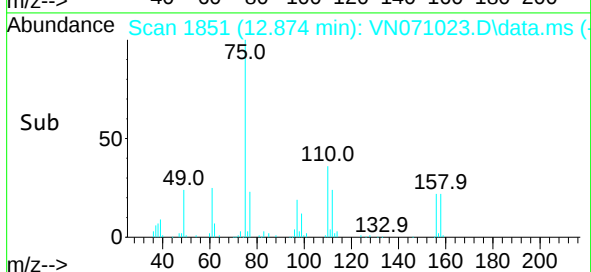
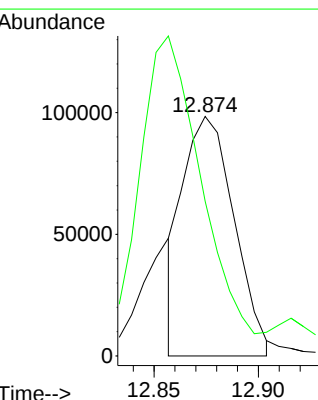
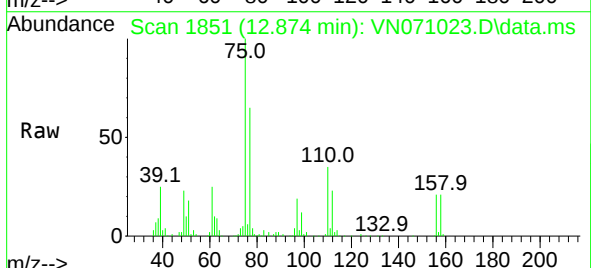
Acq: 22 Feb 2022 13:10

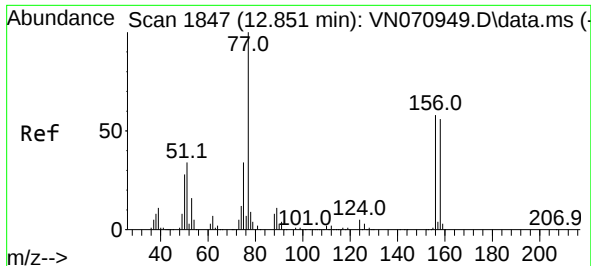
Tgt Ion: 75 Resp: 168365

Ion Ratio Lower Upper

75 100

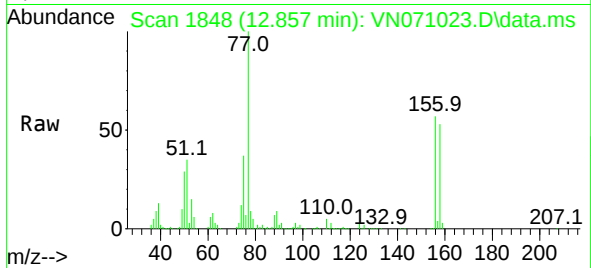
77 164.7 82.6 247.8





#77
Bromobenzene
Concen: 20.172 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

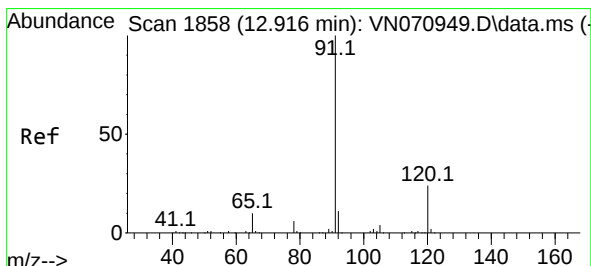
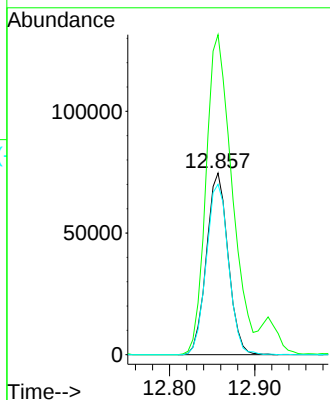
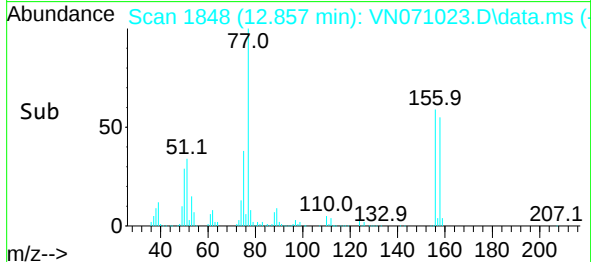
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion:156 Resp: 131704
Ion Ratio Lower Upper
156 100
77 210.5 90.6 271.8
158 96.5 48.9 146.7

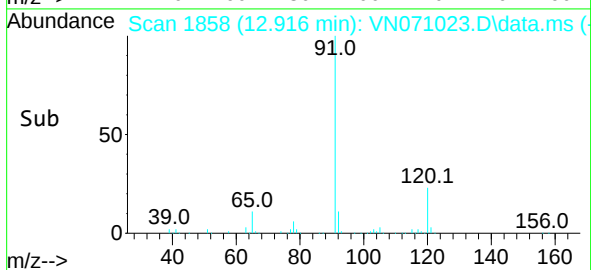
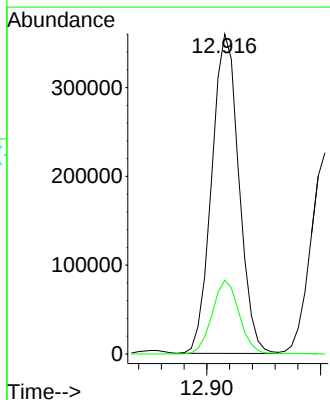
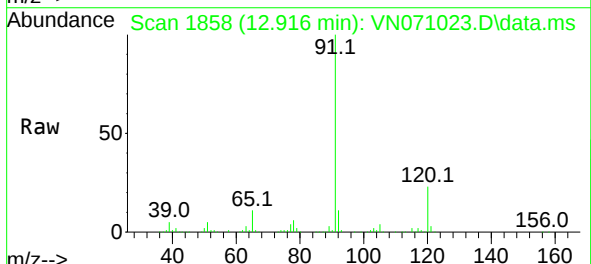
Manual Integrations
APPROVED

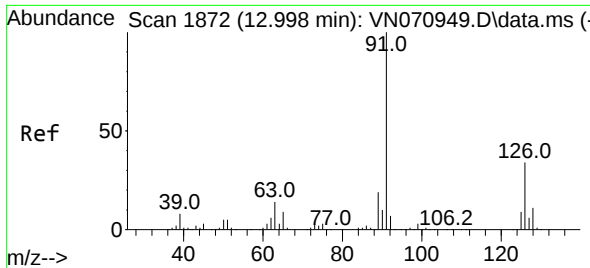
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#78
n-propylbenzene
Concen: 19.955 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Tgt Ion: 91 Resp: 597970
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





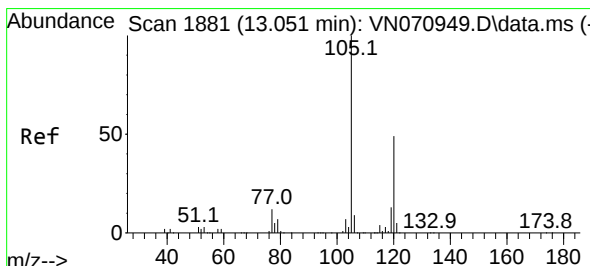
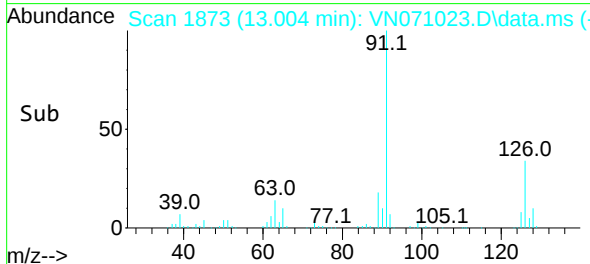
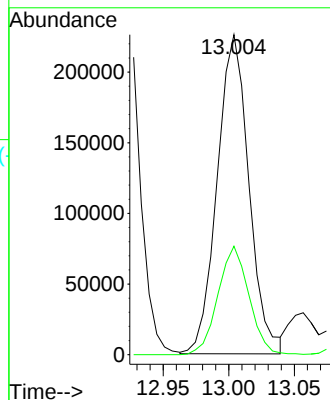
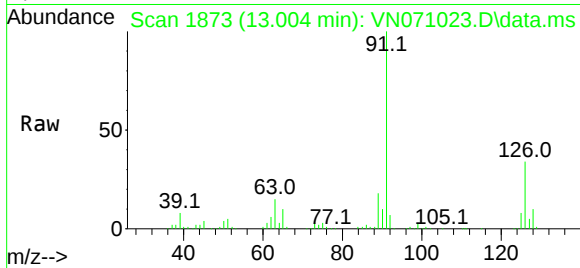
#79
2-Chlorotoluene
Concen: 20.922 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion: 91 Resp: 38072
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

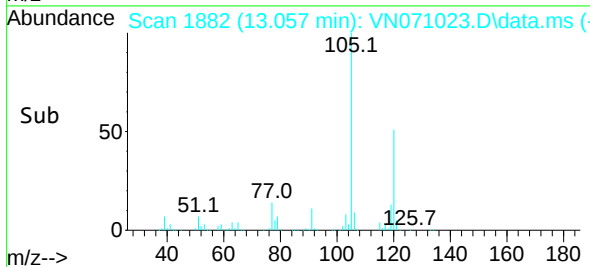
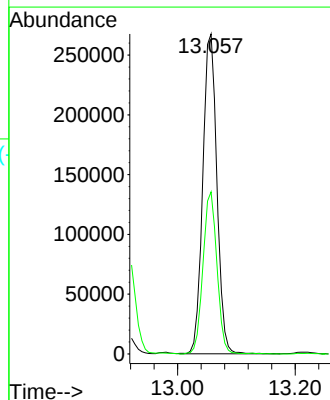
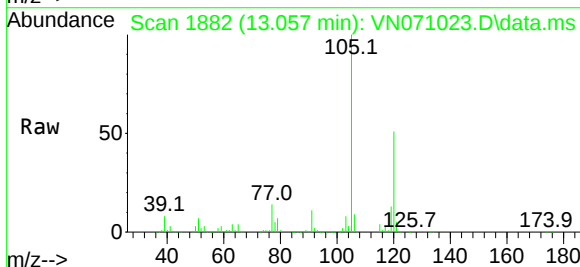
Manual Integrations
APPROVED

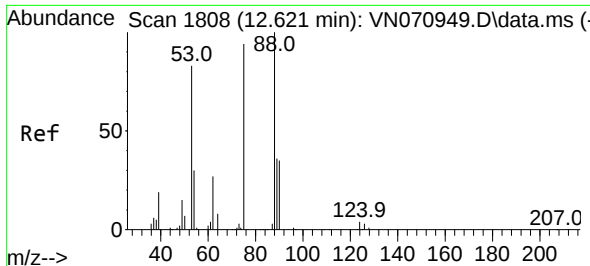
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.589 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

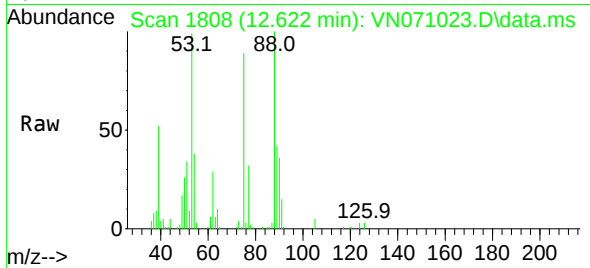
Tgt Ion:105 Resp: 444859
Ion Ratio Lower Upper
105 100
120 50.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.406 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

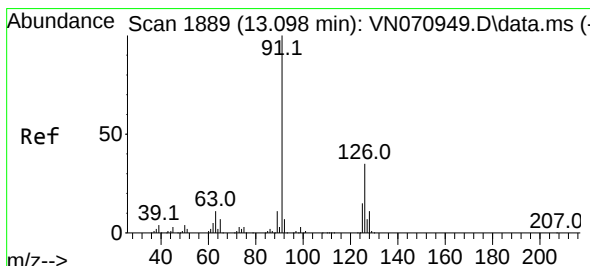
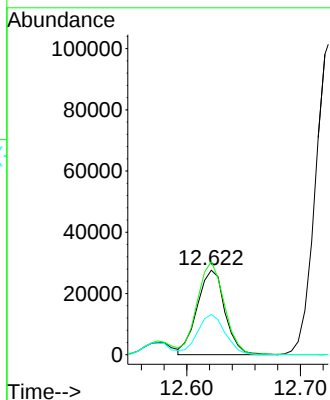
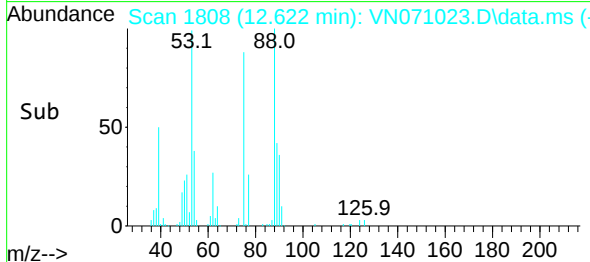
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 75 Resp: 4672
Ion Ratio Lower Upper
75 100
53 107.9 90.5 135.7
89 47.6 38.2 57.4

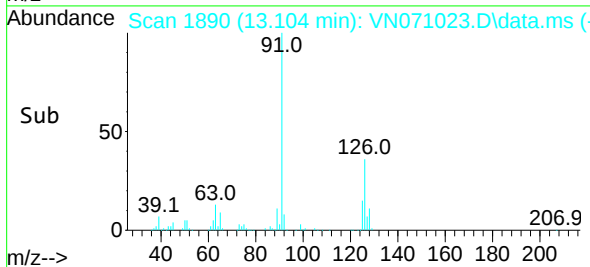
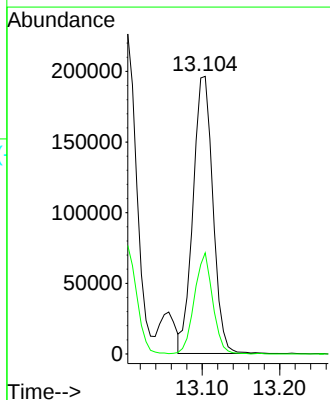
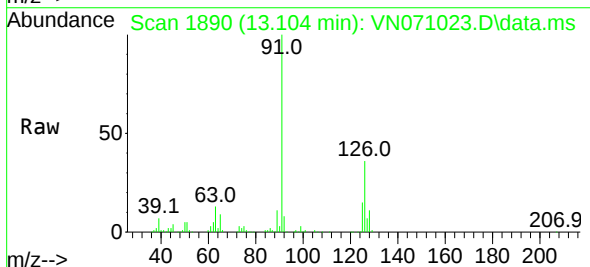
Manual Integrations
APPROVED

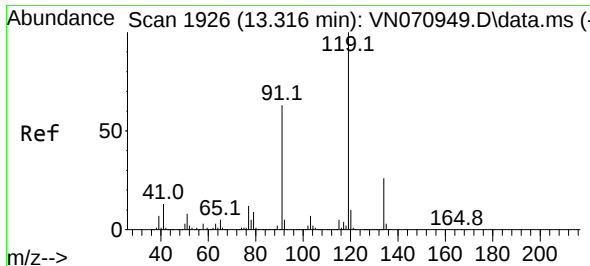
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#82
4-Chlorotoluene
Concen: 19.745 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Tgt Ion: 91 Resp: 348790
Ion Ratio Lower Upper
91 100
126 33.6 18.2 54.6





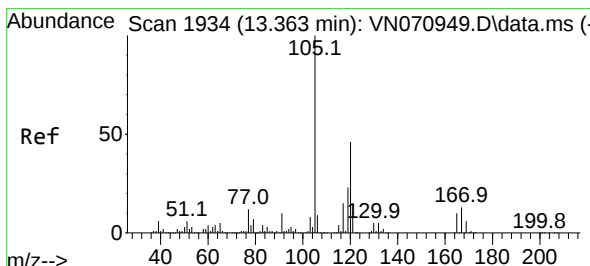
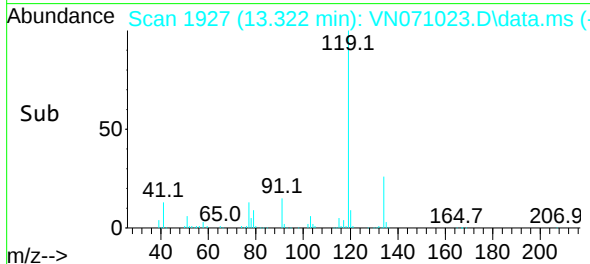
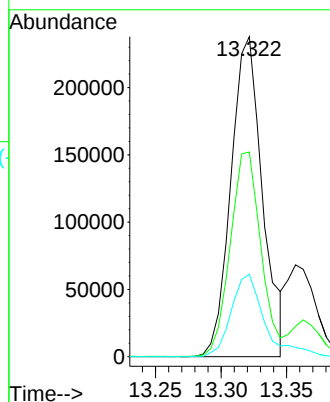
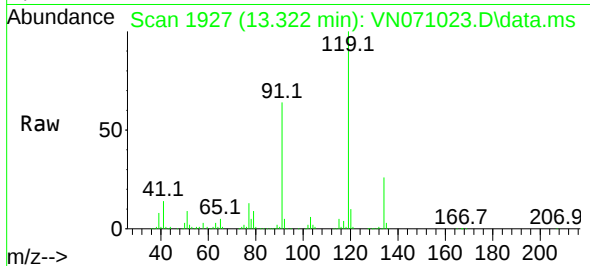
#83
tert-Butylbenzene
Concen: 19.447 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion:119 Resp: 398500
Ion Ratio Lower Upper
119 100
91 62.3 31.5 94.5
134 27.3 12.4 37.4

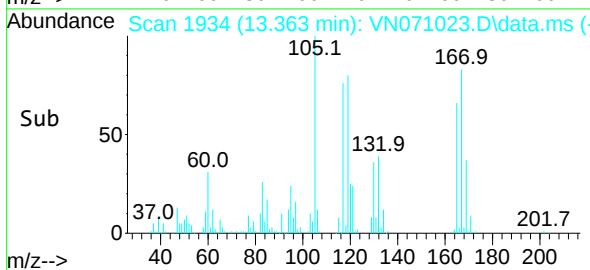
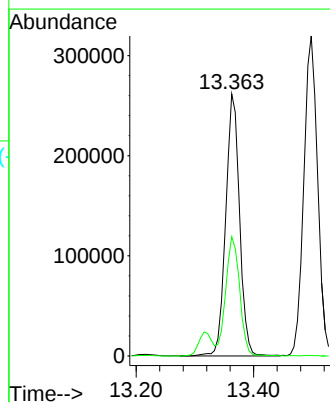
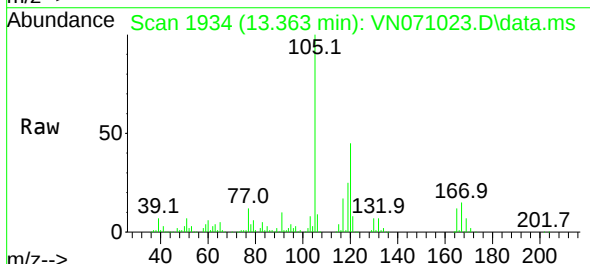
Manual Integrations
APPROVED

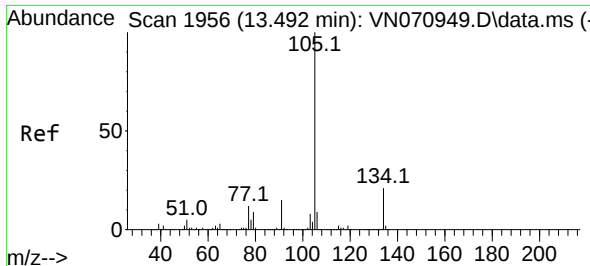
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.149 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Tgt Ion:105 Resp: 428566
Ion Ratio Lower Upper
105 100
120 46.1 22.8 68.4





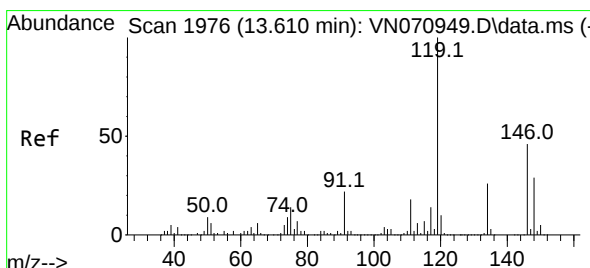
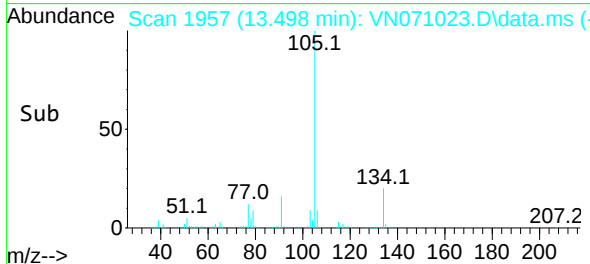
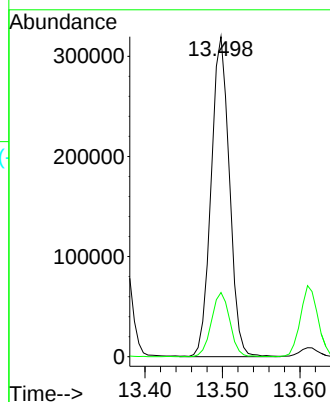
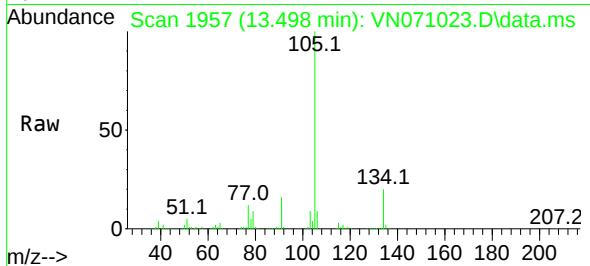
#85
 sec-Butylbenzene
 Concen: 19.422 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071023.D
 Acq: 22 Feb 2022 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01

Tgt Ion:105 Resp: 524428
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

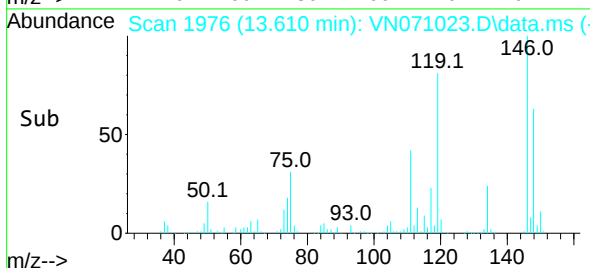
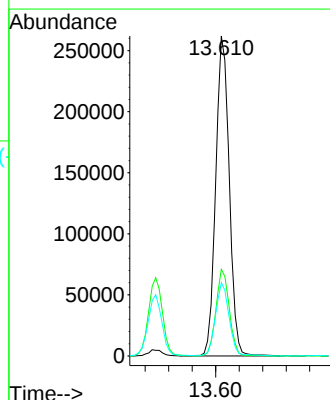
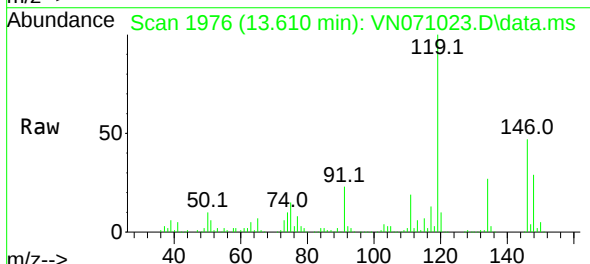
Manual Integrations
 APPROVED

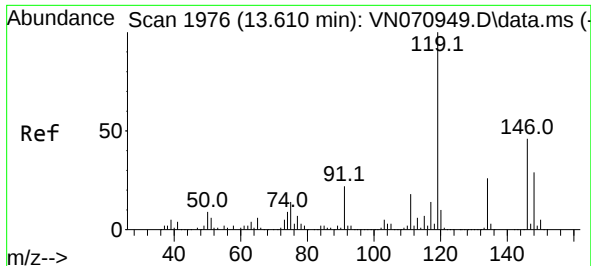
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022



#86
 p-Isopropyltoluene
 Concen: 18.897 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071023.D
 Acq: 22 Feb 2022 13:10

Tgt Ion:119 Resp: 418872
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.7
 91 23.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.365 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion:146 Resp: 21225

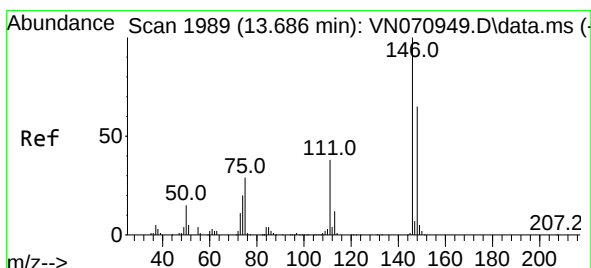
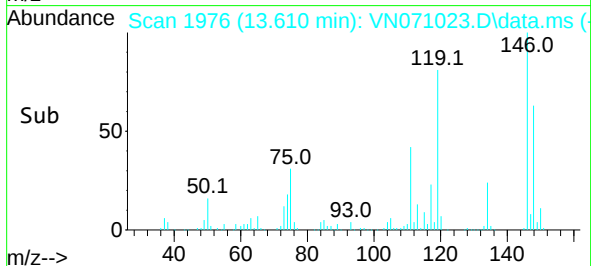
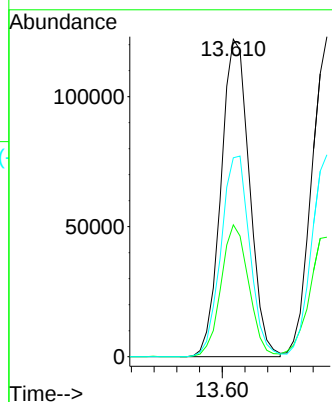
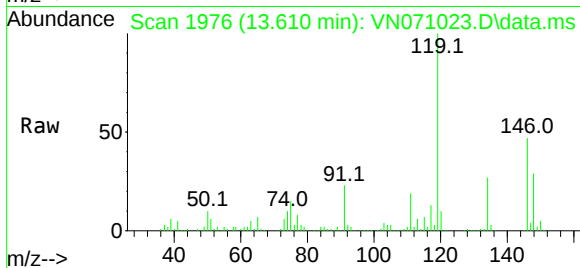
Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.6	55.6
148	64.3	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#88

1,4-Dichlorobenzene

Concen: 18.001 ug/l

RT: 13.692 min Scan# 1990

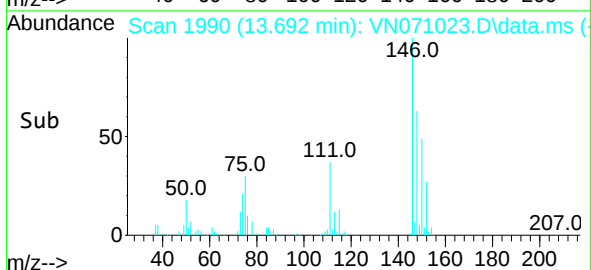
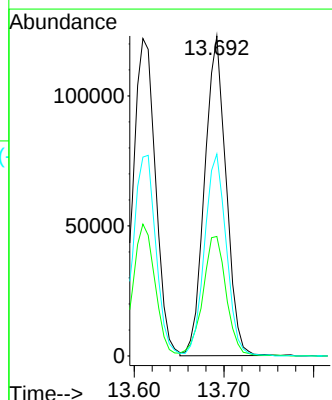
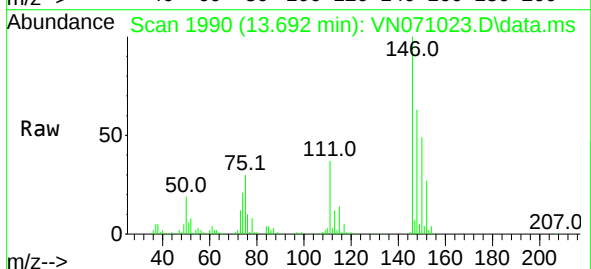
Delta R.T. 0.006 min

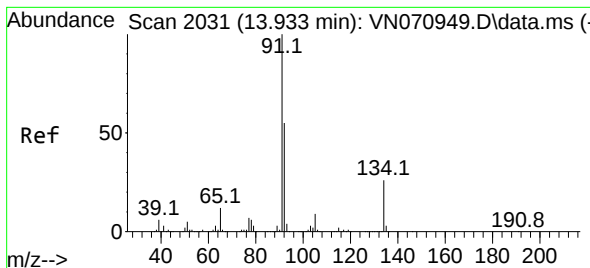
Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Tgt Ion:146 Resp: 203835

Ion	Ratio	Lower	Upper
146	100		
111	40.3	18.3	54.8
148	64.1	31.8	95.4





#89

n-Butylbenzene

Concen: 16.023 ug/l

RT: 13.939 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

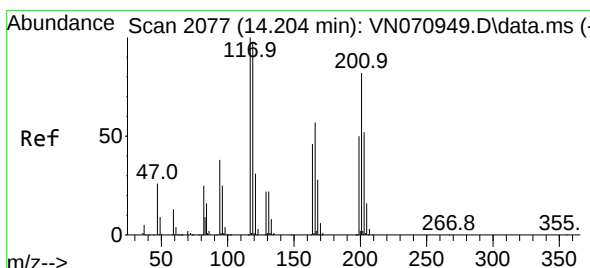
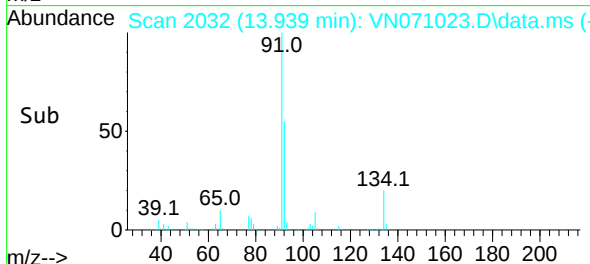
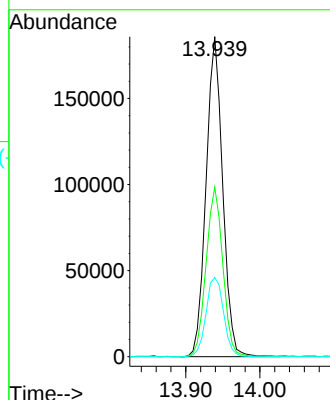
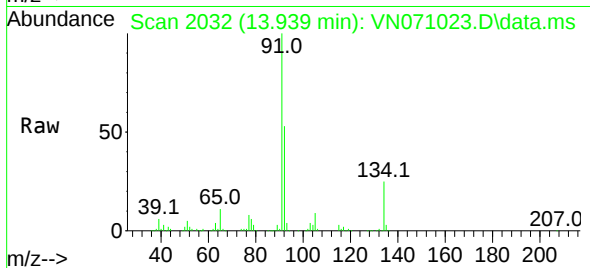
Tgt Ion: 91 Resp: 289764
 Ion Ratio Lower Upper
 91 100
 92 53.2 25.4 76.0
 134 26.2 13.6 40.8

Manual Integrations

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Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#90

Hexachloroethane

Concen: 19.727 ug/l

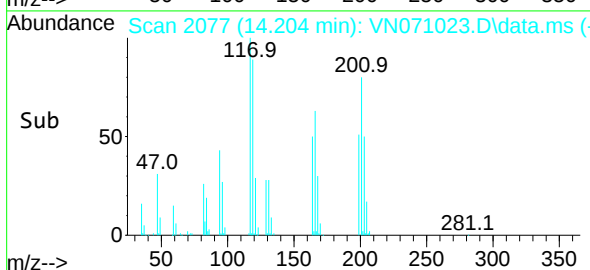
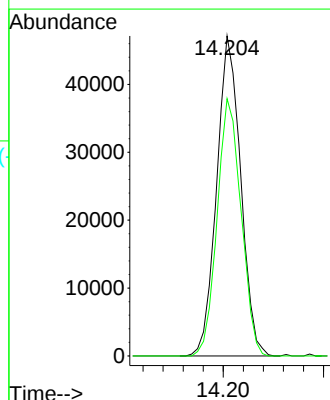
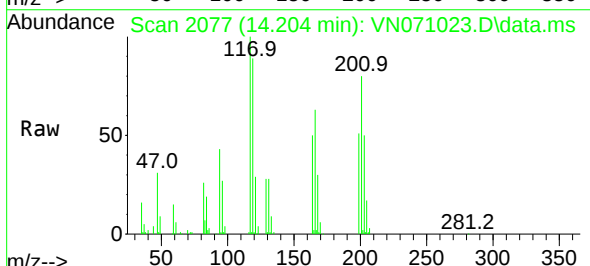
RT: 14.204 min Scan# 2077

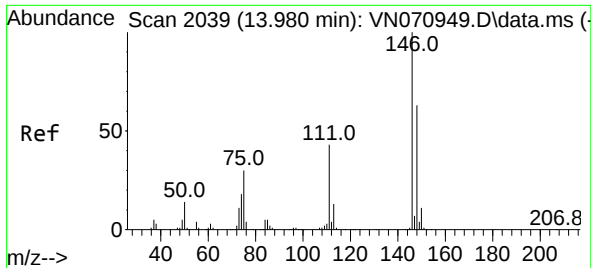
Delta R.T. 0.000 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Tgt Ion:117 Resp: 78091
 Ion Ratio Lower Upper
 117 100
 201 80.1 43.9 131.6





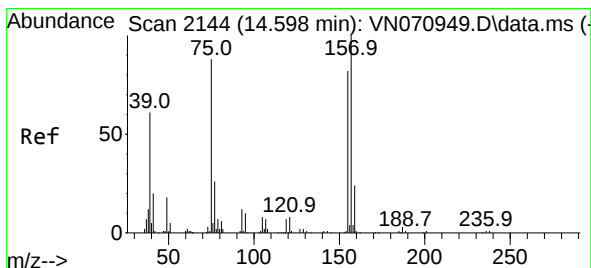
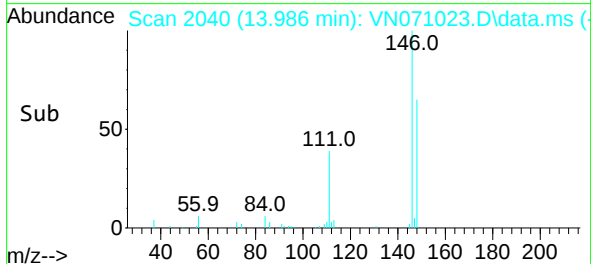
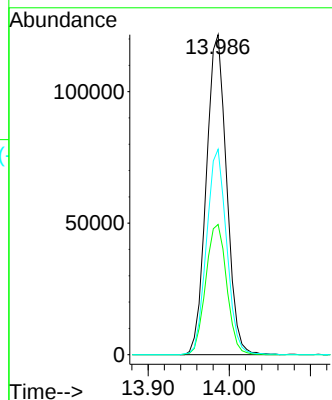
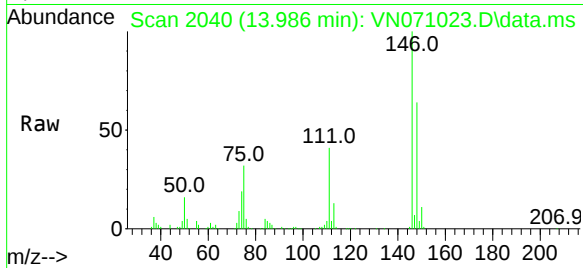
#91
1,2-Dichlorobenzene
Concen: 19.438 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion:146 Resp: 21096
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 63.7 32.1 96.3

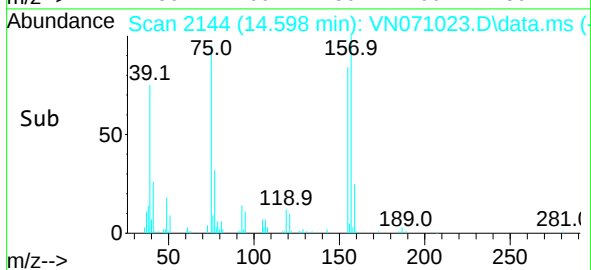
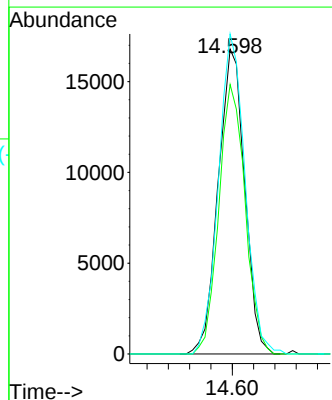
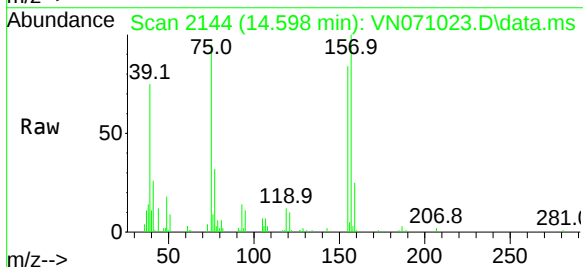
Manual Integrations
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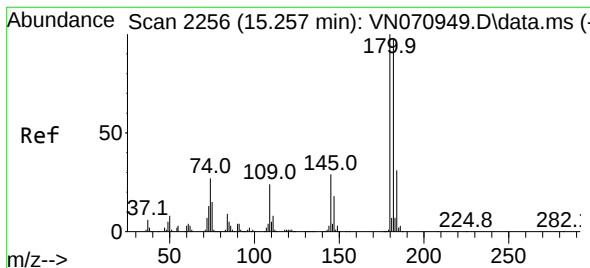
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.061 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Tgt Ion: 75 Resp: 28920
Ion Ratio Lower Upper
75 100
155 88.0 46.9 140.7
157 105.6 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 15.349 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion:180 Resp: 8483

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.9

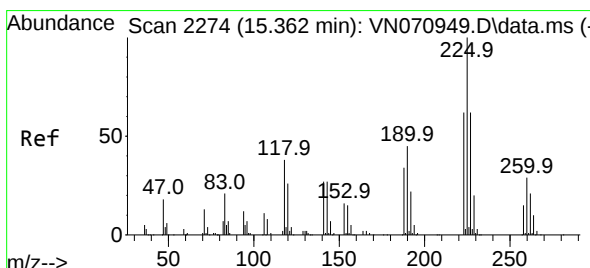
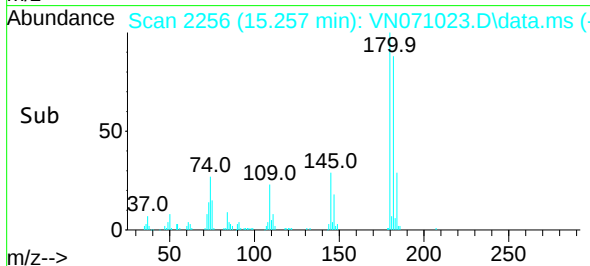
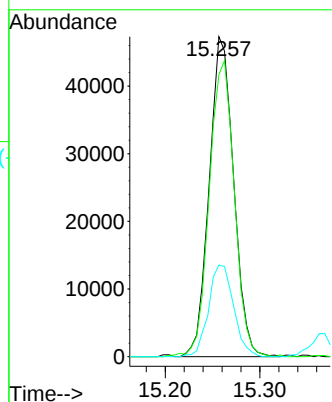
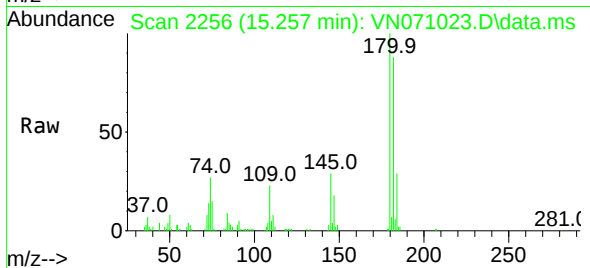
145 29.4 14.5 43.5

Manual Integrations

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Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#94

Hexachlorobutadiene

Concen: 14.752 ug/l

RT: 15.363 min Scan# 2274

Delta R.T. 0.001 min

Lab File: VN071023.D

Acq: 22 Feb 2022 13:10

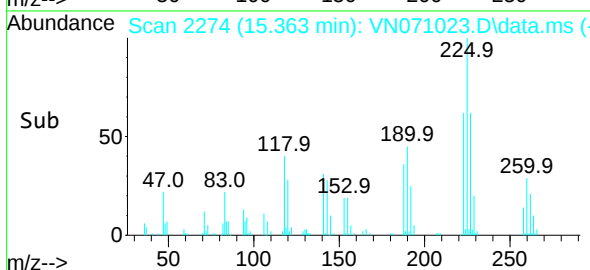
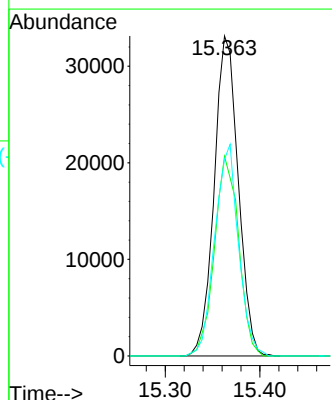
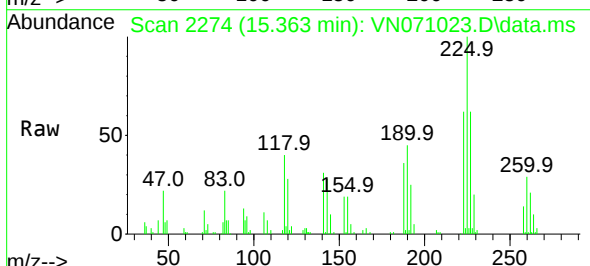
Tgt Ion:225 Resp: 58384

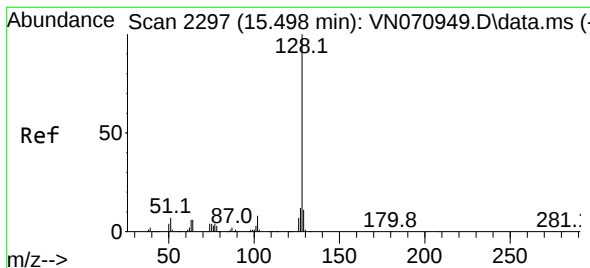
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.7

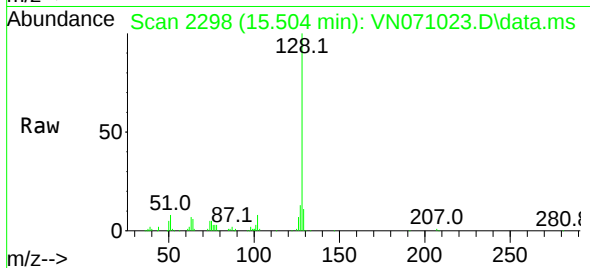
227 65.3 32.1 96.3





#95
Naphthalene
Concen: 16.612 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

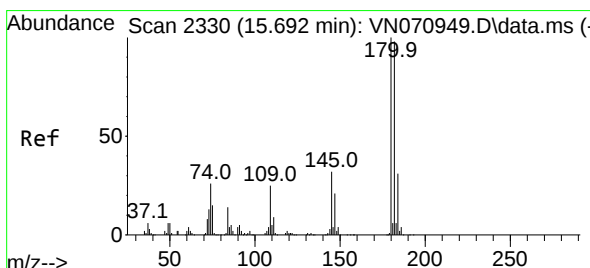
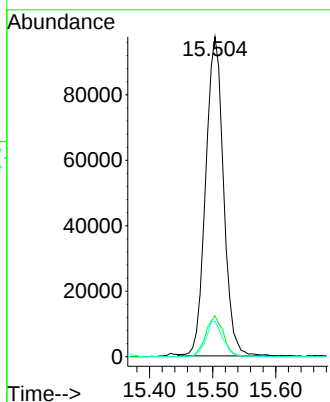
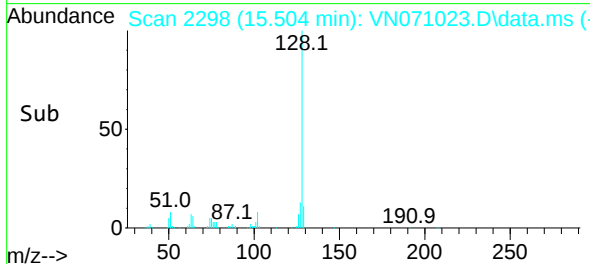
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion:128 Resp: 191250
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.278 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071023.D
Acq: 22 Feb 2022 13:10

Tgt Ion:180 Resp: 81493
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.2
145 31.9 15.0 45.1

