

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071034.D
 Acq On : 23 Feb 2022 15:04
 Operator : JC\MD
 Sample : VN0223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 00:39:31 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	8.086	168	643832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1017701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	907062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	355469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	409577	55.690	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.380%			
35) Dibromofluoromethane	8.016	113	322154	53.220	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.440%			
50) Toluene-d8	10.439	98	1301317	53.531	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.060%			
62) 4-Bromofluorobenzene	12.727	95	427401	49.187	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	125203	18.723	ug/l	98
3) Chloromethane	2.305	50	169564	20.174	ug/l	98
4) Vinyl Chloride	2.446	62	153984	18.301	ug/l	99
5) Bromomethane	2.857	94	90524	18.939	ug/l	98
6) Chloroethane	3.022	64	96441	17.471	ug/l	97
7) Trichlorofluoromethane	3.375	101	212645	20.166	ug/l	97
8) Diethyl Ether	3.828	74	88354	19.275	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	125966	19.471	ug/l	96
10) Methyl Iodide	4.428	142	167463	18.690	ug/l	98
11) Tert butyl alcohol	5.363	59	142460	106.287	ug/l	97
12) 1,1-Dichloroethene	4.187	96	117873	18.701	ug/l	96
13) Acrolein	4.046	56	101252	84.539	ug/l	97
14) Allyl chloride	4.846	41	239146	19.894	ug/l	87
15) Acrylonitrile	5.551	53	432051	109.435	ug/l	98
16) Acetone	4.281	43	451737	111.530	ug/l	96
17) Carbon Disulfide	4.534	76	296676	16.413	ug/l	98
18) Methyl Acetate	4.851	43	197210	21.898	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	454223	20.543	ug/l	95
20) Methylene Chloride	5.098	84	146745	19.935	ug/l	91
21) trans-1,2-Dichloroethene	5.604	96	128796	19.038	ug/l	93
22) Diisopropyl ether	6.492	45	513805	22.285	ug/l	93
23) Vinyl Acetate	6.434	43	2113278	108.280	ug/l	100
24) 1,1-Dichloroethane	6.387	63	267377	20.688	ug/l	98
25) 2-Butanone	7.328	43	614747	114.093	ug/l	97
26) 2,2-Dichloropropane	7.322	77	216153	20.123	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	157870	20.303	ug/l	93
28) Bromochloromethane	7.657	49	115071	21.998	ug/l	86
29) Tetrahydrofuran	7.681	42	392279	112.384	ug/l	94
30) Chloroform	7.816	83	259332	20.401	ug/l	98
31) Cyclohexane	8.092	56	253915	19.963	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	220125	20.052	ug/l	97
36) 1,1-Dichloropropene	8.222	75	193632	19.525	ug/l	97
37) Ethyl Acetate	7.410	43	252093	23.702	ug/l	99
38) Carbon Tetrachloride	8.204	117	187380	19.176	ug/l	94
39) Methylcyclohexane	9.457	83	235411	18.447	ug/l	92
40) Benzene	8.457	78	591368	20.159	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	121863	21.754	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	203441	20.362	ug/l	98
43) Isopropyl Acetate	8.557	43	362346	21.614	ug/l	98
44) Trichloroethene	9.216	130	143923	18.631	ug/l	98
45) 1,2-Dichloropropane	9.486	63	159172	21.182	ug/l	98
46) Dibromomethane	9.575	93	97572	19.731	ug/l	99
47) Bromodichloromethane	9.757	83	196701	19.681	ug/l	99
48) Methyl methacrylate	9.557	41	172444	21.731	ug/l #	84
49) 1,4-Dioxane	9.563	88	58958	418.319	ug/l	89
51) 4-Methyl-2-Pentanone	10.328	43	1151695	112.911	ug/l	98
52) Toluene	10.498	92	373617	20.268	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	213714	19.665	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	239276	20.049	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	146687	20.330	ug/l	99
56) Ethyl methacrylate	10.757	69	228612	21.029	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	259820	20.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	128770	78.277	ug/l	95
59) 2-Hexanone	11.080	43	809355	115.373	ug/l	100
60) Dibromochloromethane	11.233	129	150202	19.698	ug/l	99
61) 1,2-Dibromoethane	11.339	107	147307	20.071	ug/l	98
64) Tetrachloroethene	10.975	164	133536	18.903	ug/l	97
65) Chlorobenzene	11.769	112	385131	19.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	143326	20.116	ug/l	99
67) Ethyl Benzene	11.839	91	687077	20.084	ug/l	98
68) m/p-Xylenes	11.951	106	519703	39.329	ug/l	98
69) o-Xylene	12.274	106	259995	20.142	ug/l	100
70) Styrene	12.292	104	399925	19.485	ug/l	98
71) Bromoform	12.457	173	106528	18.774	ug/l #	98
73) Isopropylbenzene	12.574	105	666493	23.294	ug/l	99
74) N-amyl acetate	12.386	43	213959	23.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	217941	23.970	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	169962m	20.307	ug/l	
77) Bromobenzene	12.857	156	153603	21.930	ug/l	83
78) n-propylbenzene	12.916	91	717658	22.324	ug/l	98
79) 2-Chlorotoluene	13.004	91	446583	22.875	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	534719	23.068	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	53782	20.823	ug/l	96
82) 4-Chlorotoluene	13.104	91	412601	21.772	ug/l	94
83) tert-Butylbenzene	13.321	119	470005	21.380	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	519495	22.767	ug/l	99
85) sec-Butylbenzene	13.498	105	634713	21.912	ug/l	99
86) p-Isopropyltoluene	13.616	119	506489	21.299	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	251998	20.324	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	245229	20.186	ug/l	98
89) n-Butylbenzene	13.939	91	361226	18.619	ug/l	97
90) Hexachloroethane	14.210	117	93406	21.995	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	247342	21.244	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34431	23.373	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	106674	17.647	ug/l	97
94) Hexachlorobutadiene	15.362	225	73755	17.371	ug/l	98
95) Naphthalene	15.504	128	233267	18.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	99776	18.222	ug/l	99

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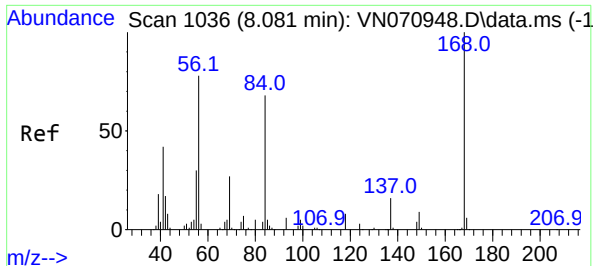
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



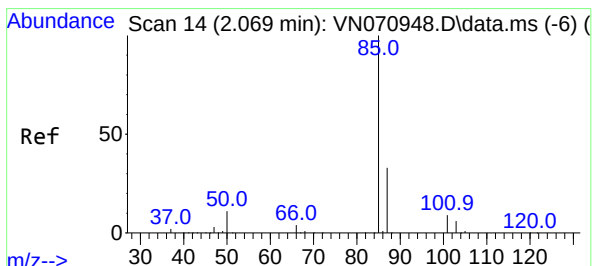
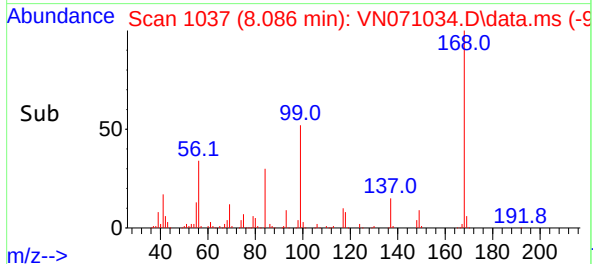
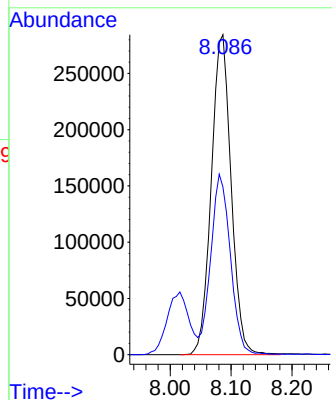
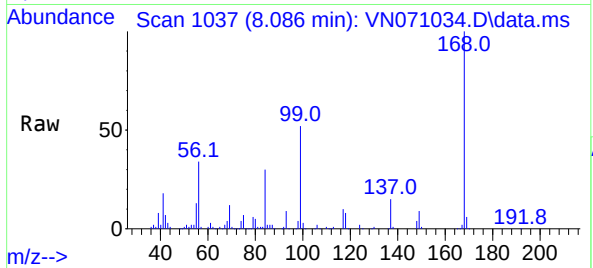
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071034.D
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Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 64383
Ion Ratio Lower Upper
168 100
99 52.2 41.3 61.9

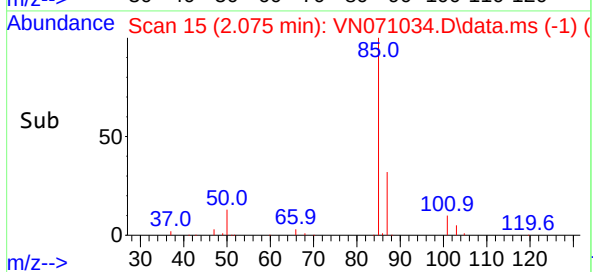
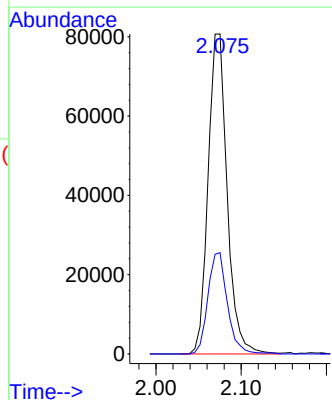
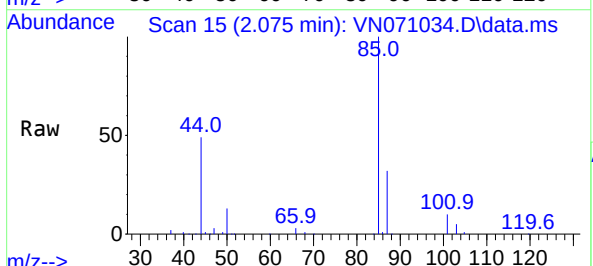
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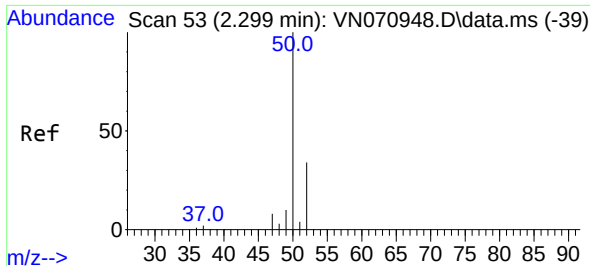
Reviewed By :John Carlone 02/24/2022
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Dichlorodifluoromethane
Concen: 18.723 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

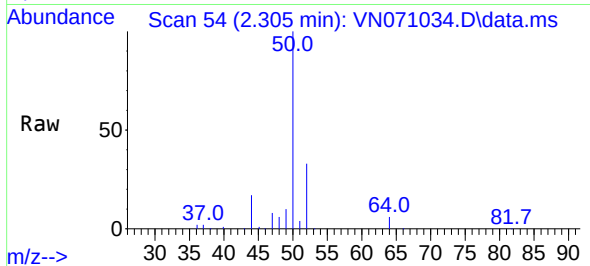
Tgt Ion: 85 Resp: 125203
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





#3
Chloromethane
Concen: 20.174 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

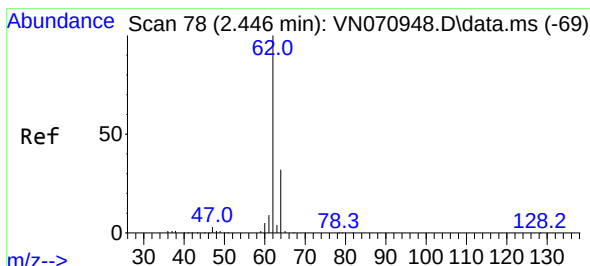
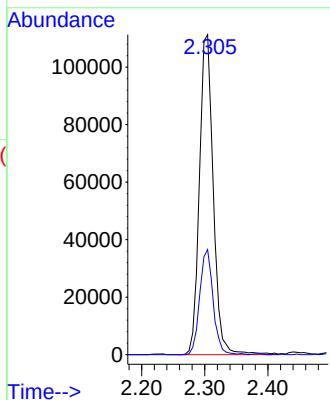
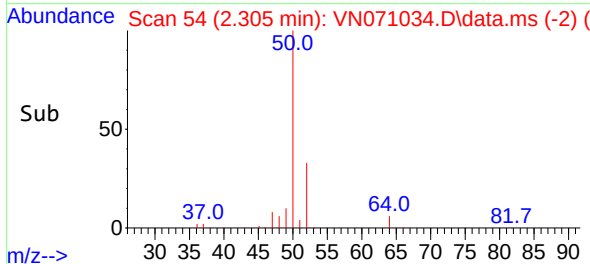
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Tgt Ion: 50 Resp: 169564
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

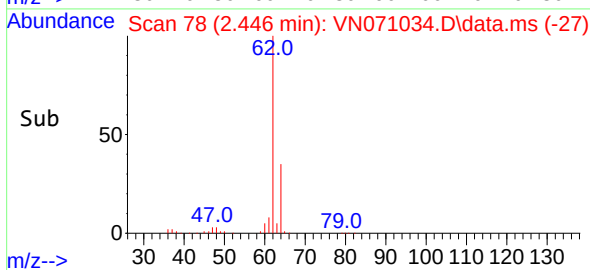
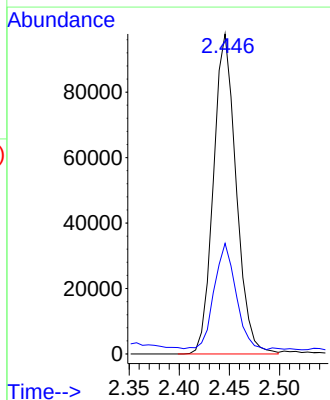
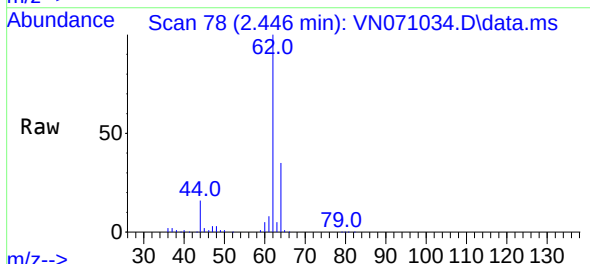
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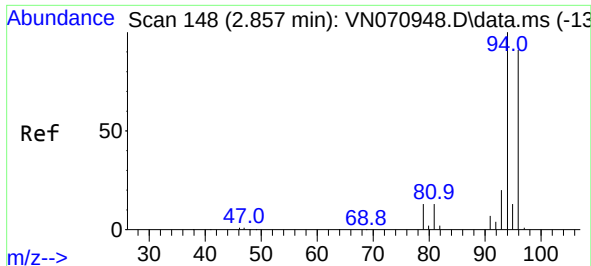
Reviewed By :John Carlone 02/24/2022
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#4
Vinyl Chloride
Concen: 18.301 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

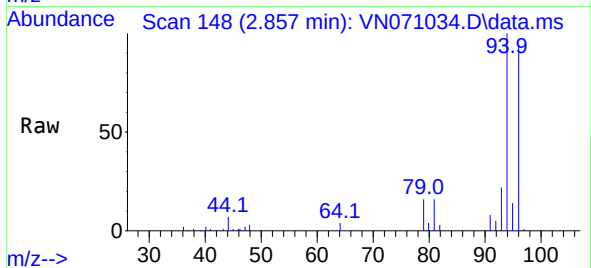
Tgt Ion: 62 Resp: 153984
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.6





#5
Bromomethane
Concen: 18.939 ug/l
RT: 2.857 min Scan# 148
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

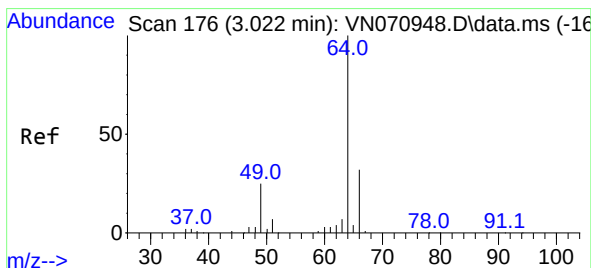
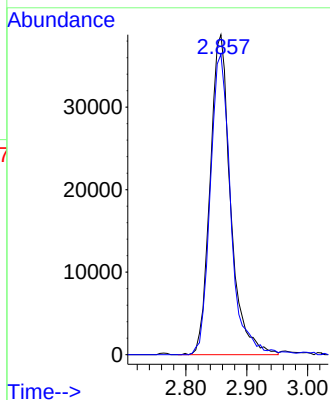
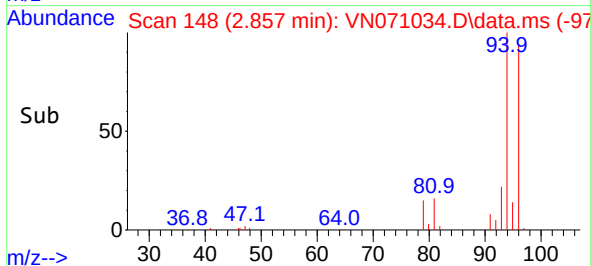
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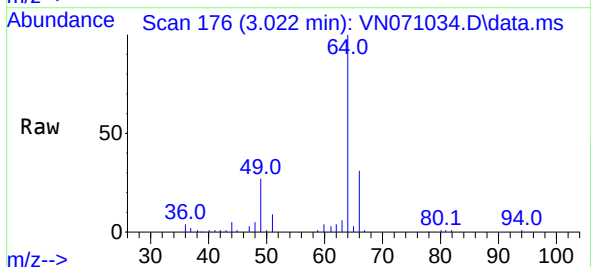
Tgt Ion: 94 Resp: 90524
Ion Ratio Lower Upper
94 100
96 93.8 73.8 110.8

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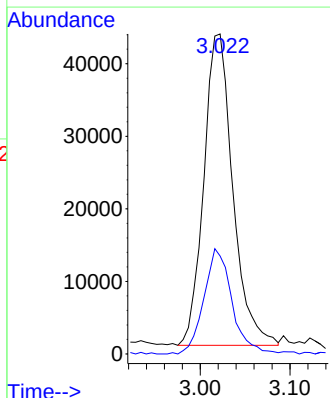
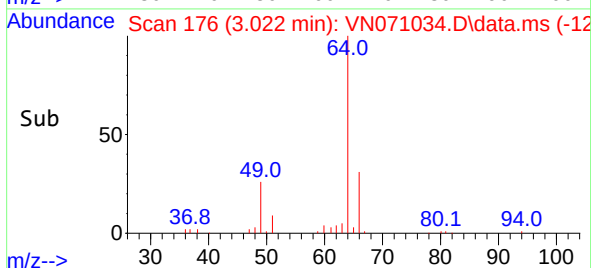
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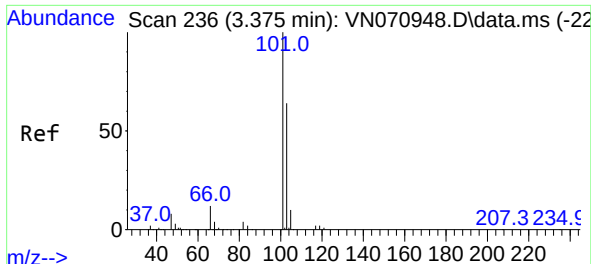


#6
Chloroethane
Concen: 17.471 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.000 min
Lab File: VN071034.D
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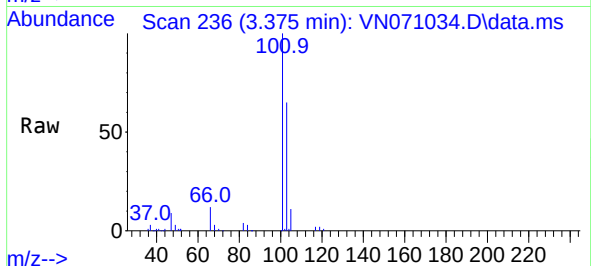
Tgt Ion: 64 Resp: 96441
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.166 ug/l
RT: 3.375 min Scan# 21264
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

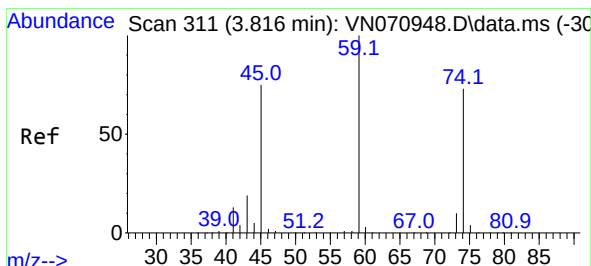
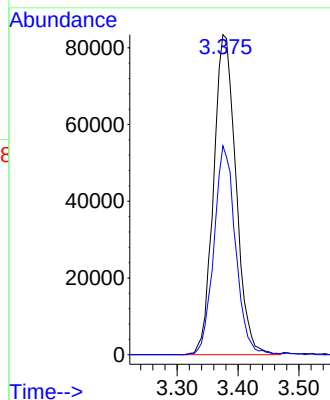
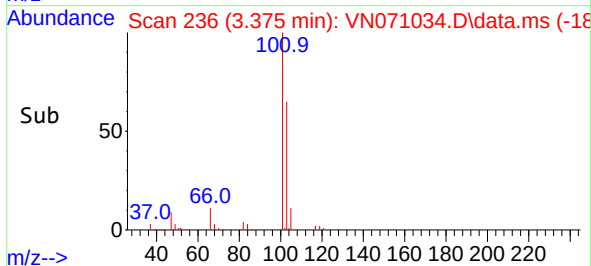
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



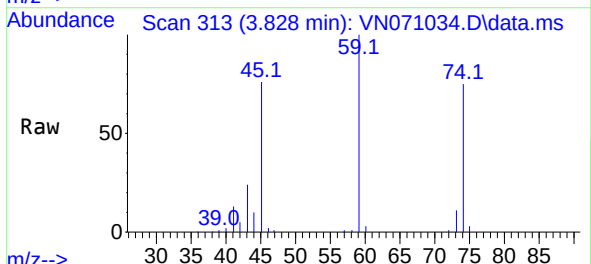
Tgt Ion:101 Resp: 21264
Ion Ratio Lower Upper
101 100
103 65.3 50.1 75.1

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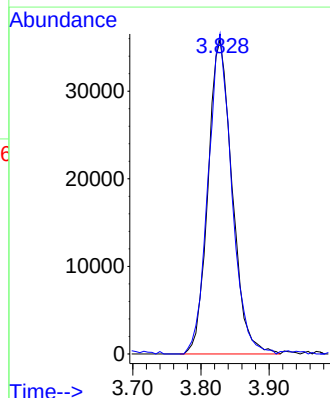
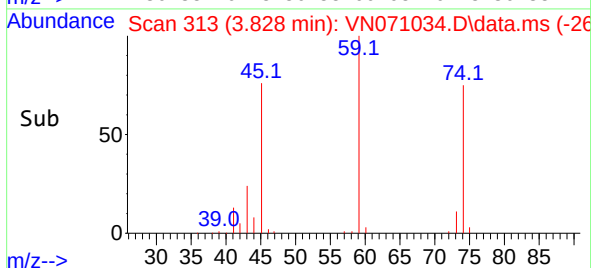
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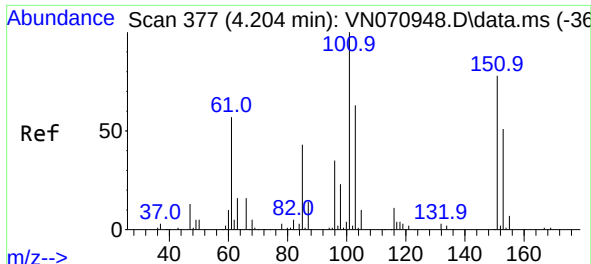


#8
Diethyl Ether
Concen: 19.275 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 88354
Ion Ratio Lower Upper
74 100
45 99.5 47.0 141.2





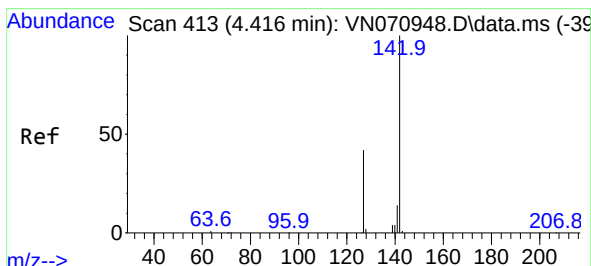
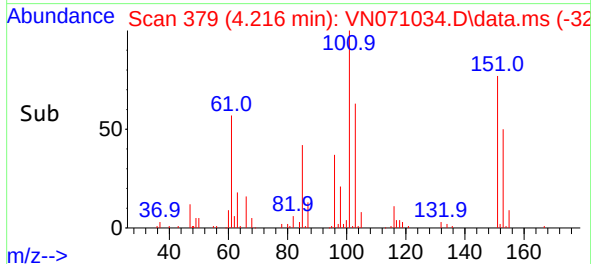
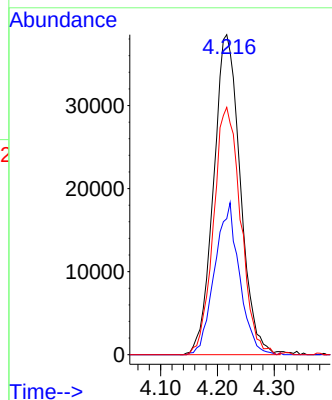
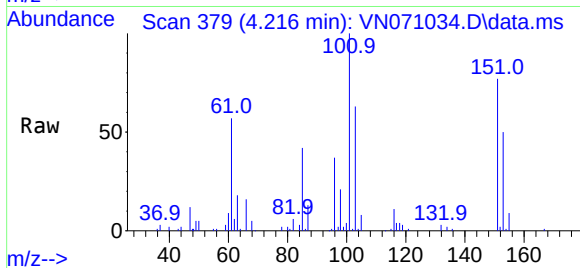
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.471 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:101 Resp: 125960
Ion Ratio Lower Upper
101 100
85 44.0 37.2 55.8
151 78.6 65.9 98.9

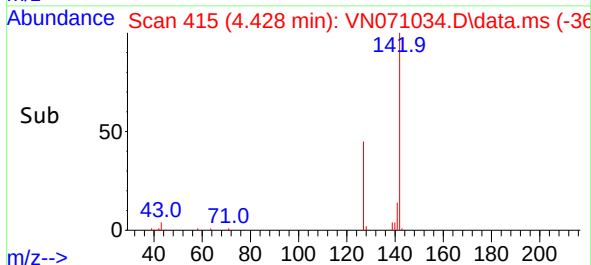
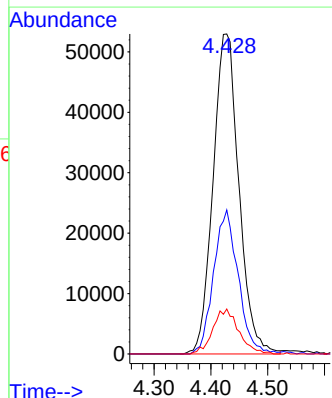
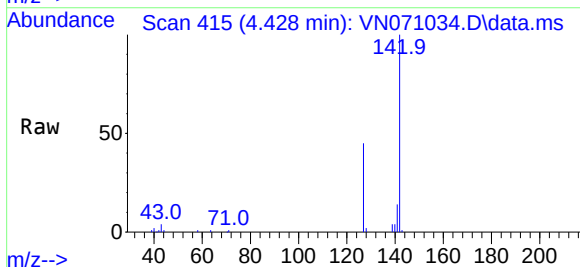
Manual Integrations
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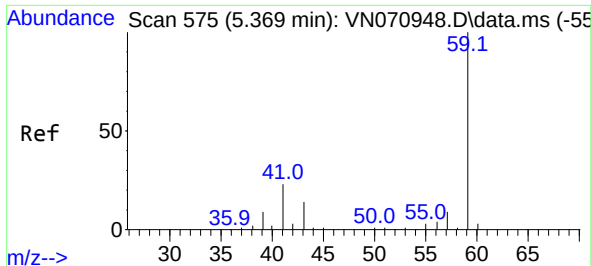
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#10
Methyl Iodide
Concen: 18.690 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Tgt Ion:142 Resp: 167463
Ion Ratio Lower Upper
142 100
127 42.8 35.4 53.0
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 106.287 ug/l

RT: 5.363 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN071034.D

Acq: 23 Feb 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

Tgt Ion: 59 Resp: 142460

Ion Ratio Lower Upper

59 100

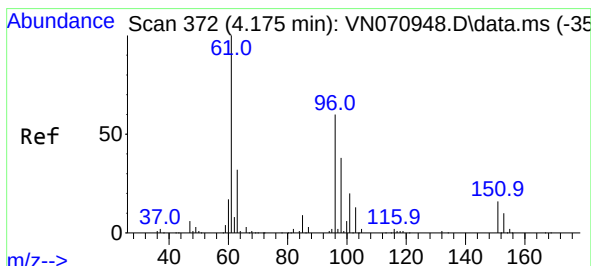
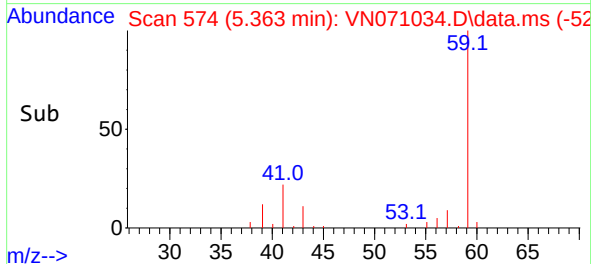
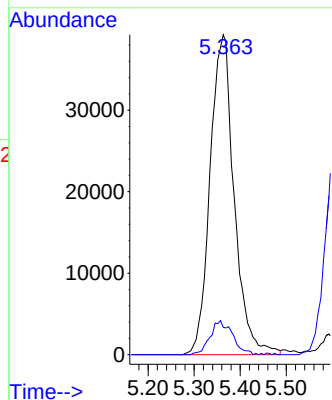
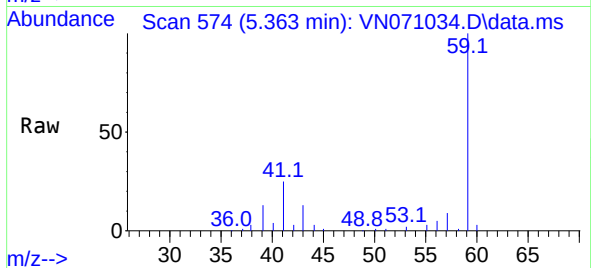
57 9.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#12

1,1-Dichloroethene

Concen: 18.701 ug/l

RT: 4.187 min Scan# 374

Delta R.T. 0.012 min

Lab File: VN071034.D

Acq: 23 Feb 2022 15:04

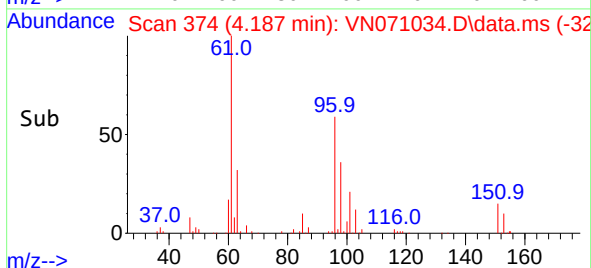
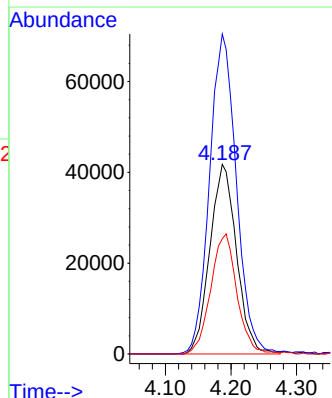
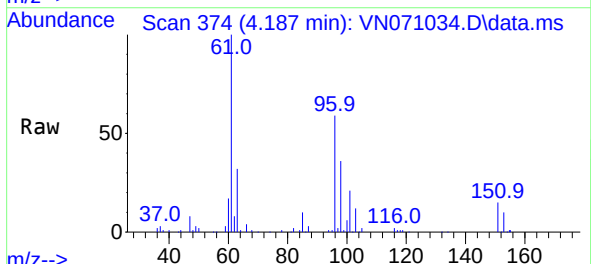
Tgt Ion: 96 Resp: 117873

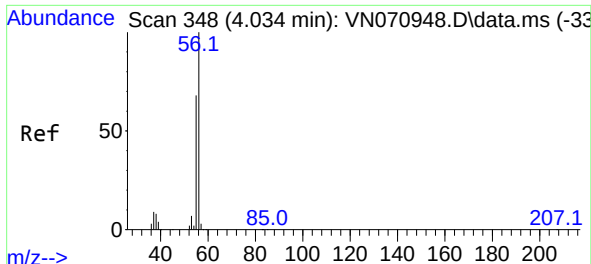
Ion Ratio Lower Upper

96 100

61 168.4 131.0 196.6

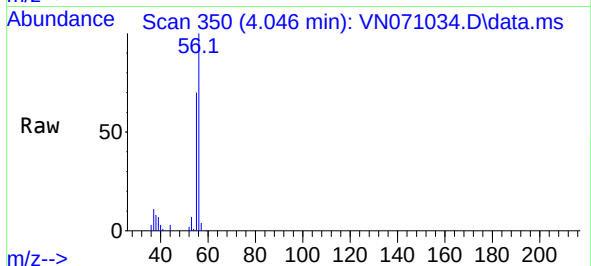
98 60.7 52.4 78.6





#13
Acrolein
Concen: 84.539 ug/l
RT: 4.046 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

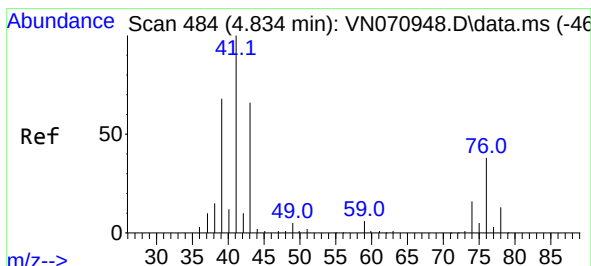
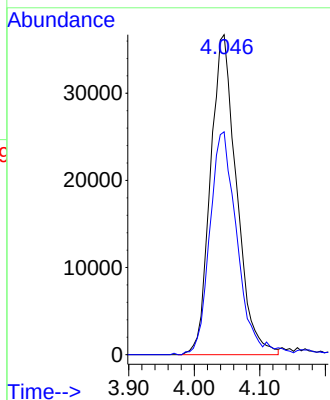
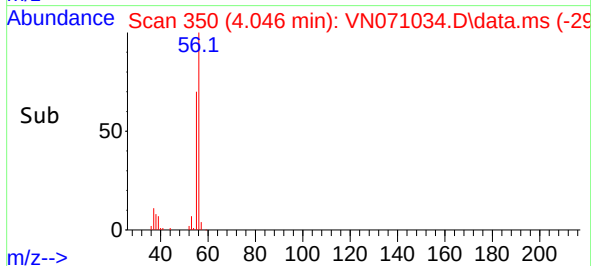
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



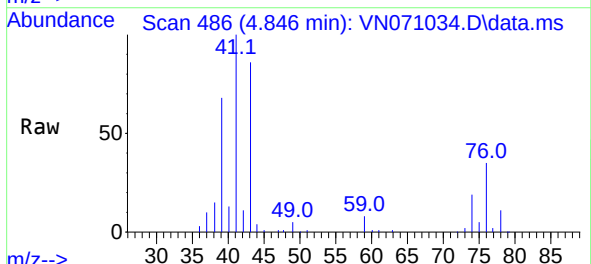
Tgt Ion: 56 Resp: 101252
Ion Ratio Lower Upper
56 100
55 73.0 56.6 85.0

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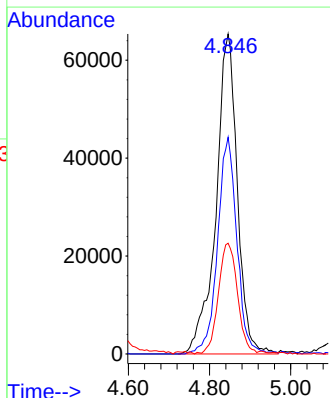
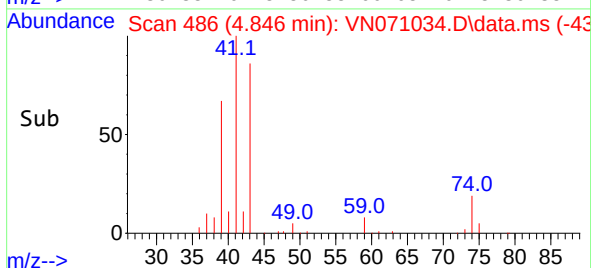
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

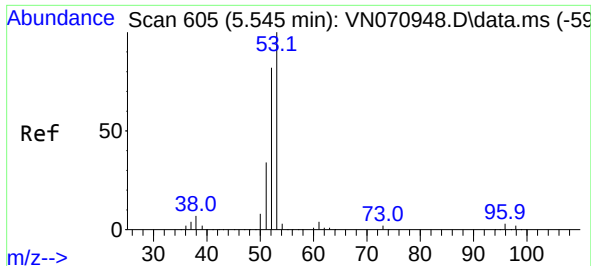


#14
Allyl chloride
Concen: 19.894 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.012 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



Tgt Ion: 41 Resp: 239146
Ion Ratio Lower Upper
41 100
39 61.2 61.2 91.8
76 31.0 26.0 39.0





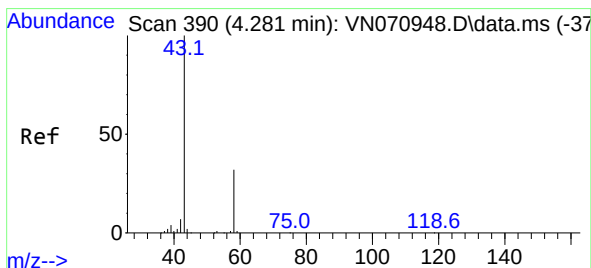
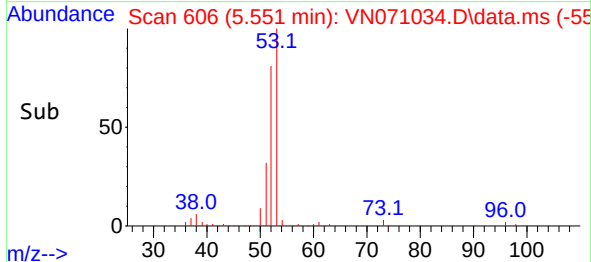
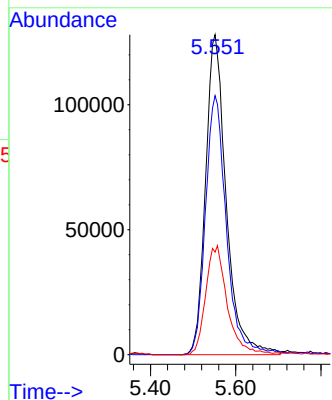
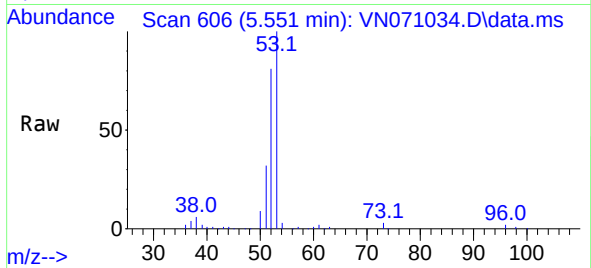
#15
Acrylonitrile
Concen: 109.435 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 53 Resp: 43205
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.2
51 35.6 29.6 44.4

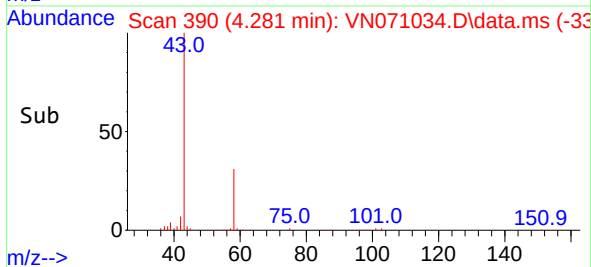
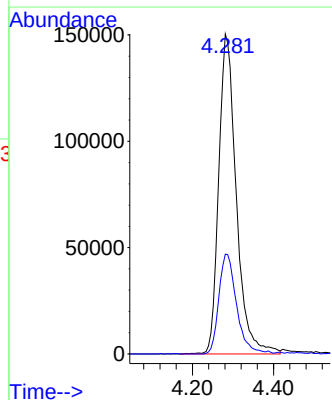
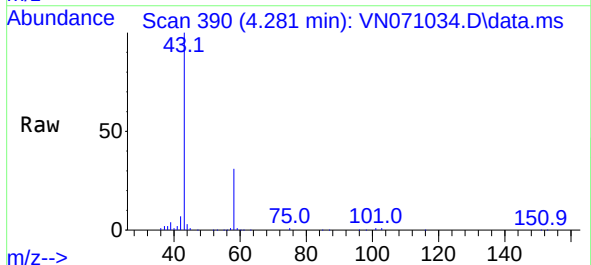
Manual Integrations
APPROVED

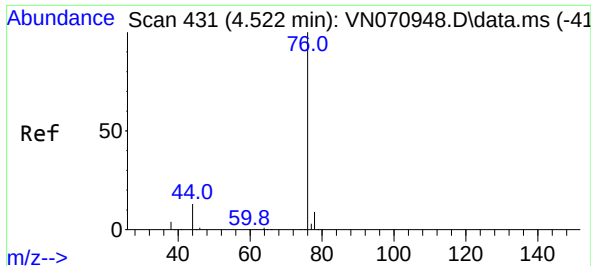
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#16
Acetone
Concen: 111.530 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Tgt Ion: 43 Resp: 451737
Ion Ratio Lower Upper
43 100
58 31.2 23.1 34.7





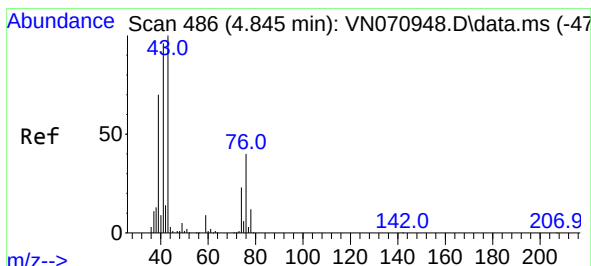
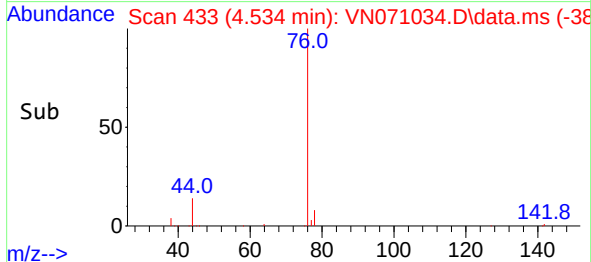
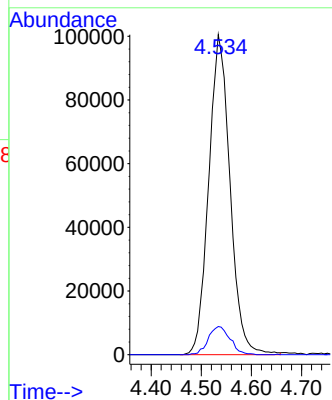
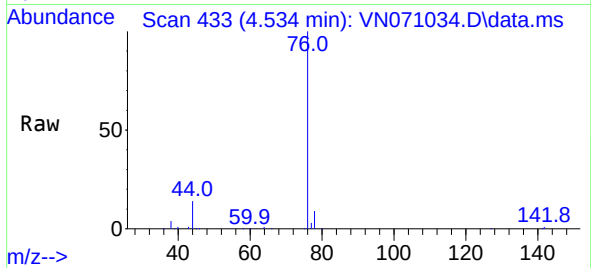
#17
Carbon Disulfide
Concen: 16.413 ug/l
RT: 4.534 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 76 Resp: 296670
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

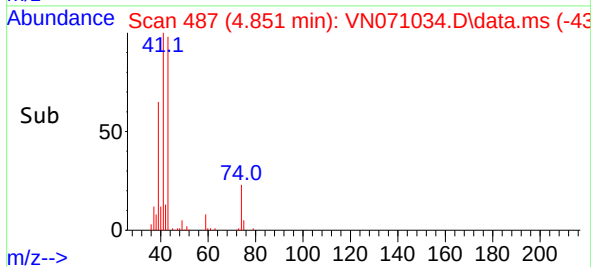
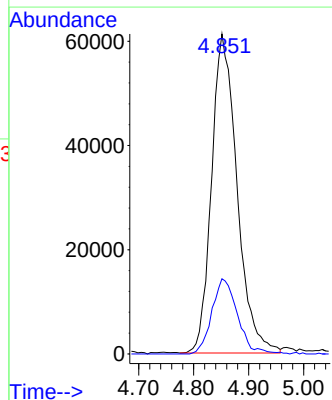
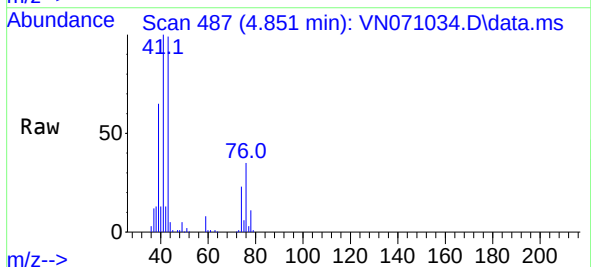
Manual Integrations
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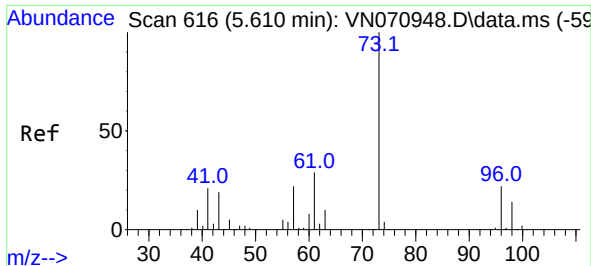
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#18
Methyl Acetate
Concen: 21.898 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

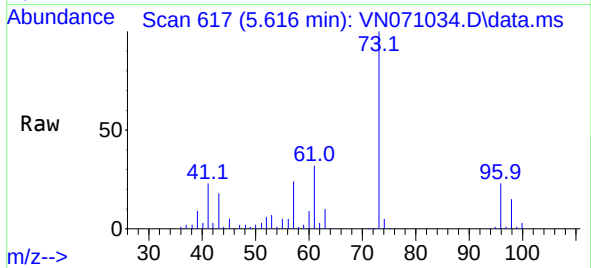
Tgt Ion: 43 Resp: 197210
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.543 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

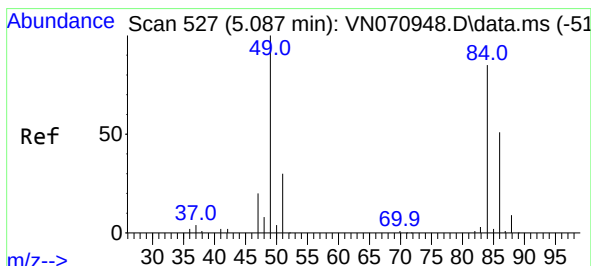
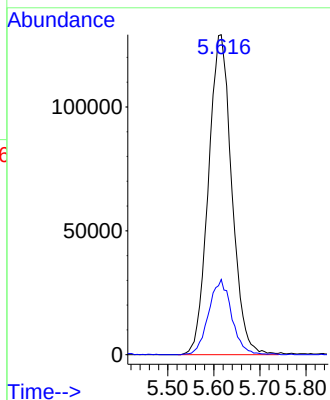
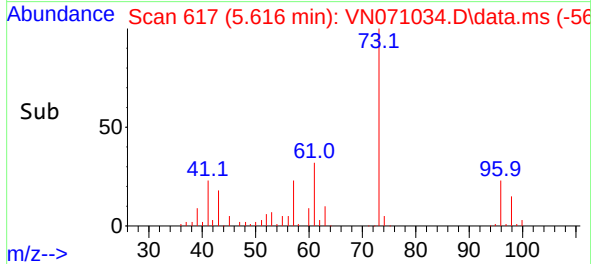
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



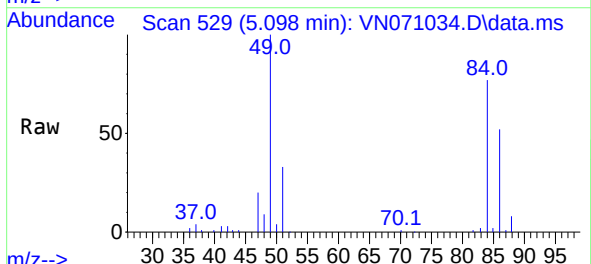
Tgt Ion: 73 Resp: 45422
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

Manual Integrations
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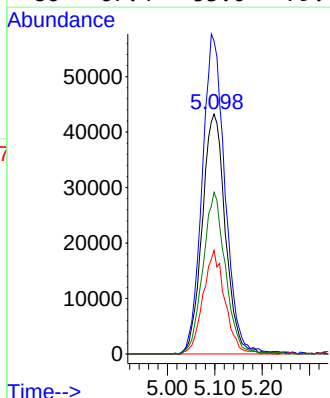
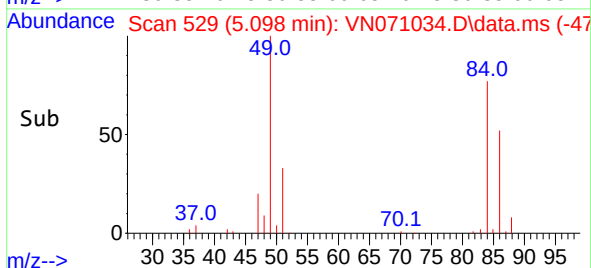
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

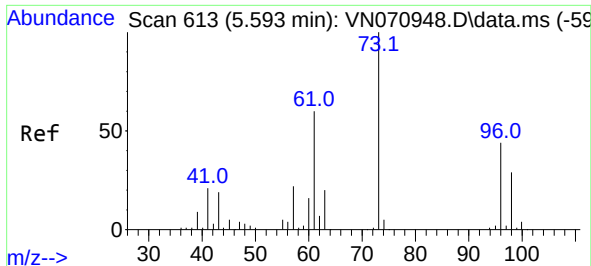


#20
Methylene Chloride
Concen: 19.935 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



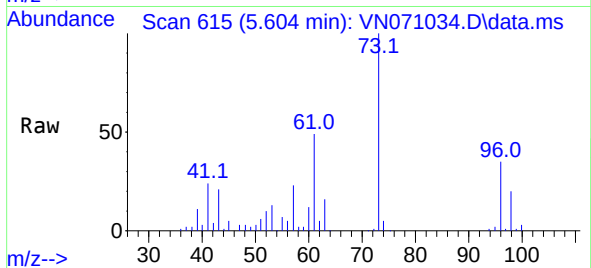
Tgt Ion: 84 Resp: 146745
Ion Ratio Lower Upper
84 100
49 130.4 93.5 140.3
51 43.1 29.4 44.2
86 67.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.038 ug/l
RT: 5.604 min Scan# 613
Delta R.T. 0.012 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

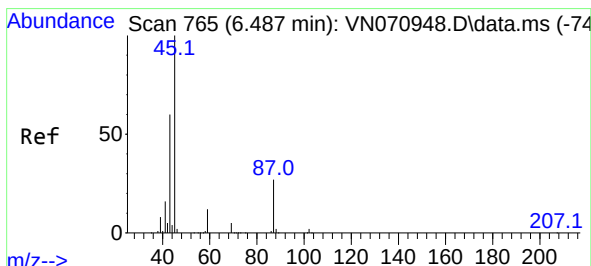
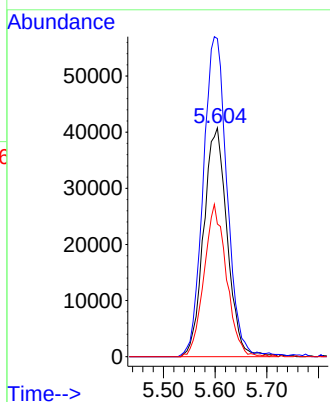
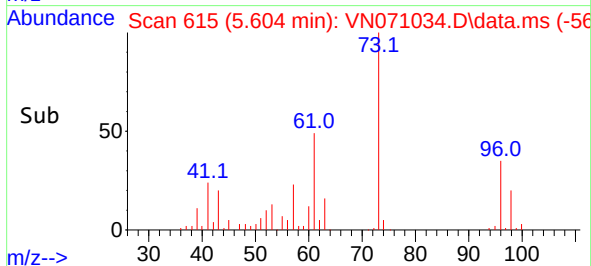
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



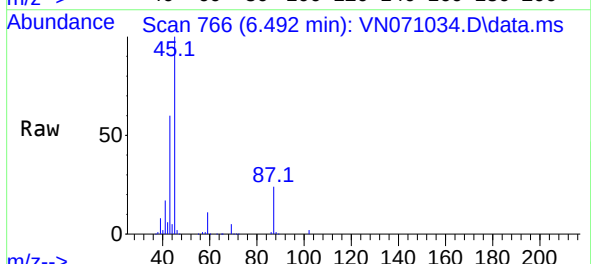
Tgt Ion: 96 Resp: 128790
Ion Ratio Lower Upper
96 100
61 139.0 105.8 158.6
98 58.0 52.0 78.0

Manual Integrations
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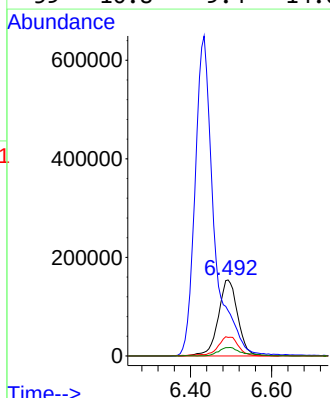
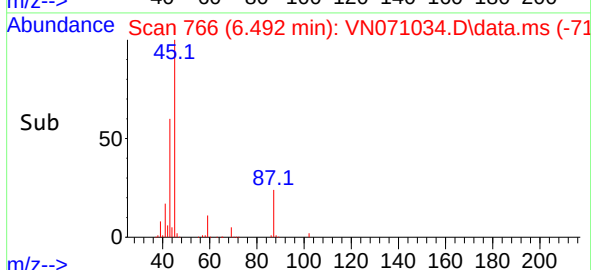
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

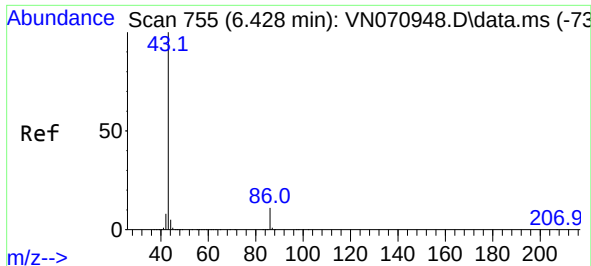


#22
Diisopropyl ether
Concen: 22.285 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



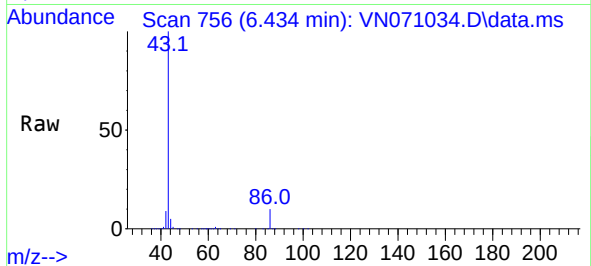
Tgt Ion: 45 Resp: 513805
Ion Ratio Lower Upper
45 100
43 58.5 51.7 77.5
87 24.5 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 108.280 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071034.D
 Acq: 23 Feb 2022 15:04

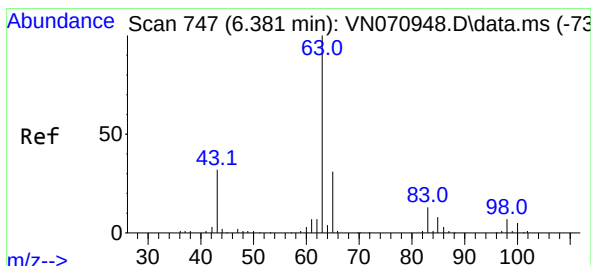
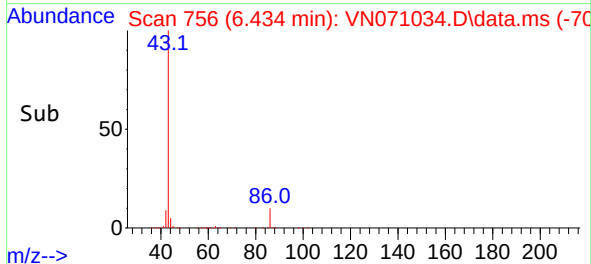
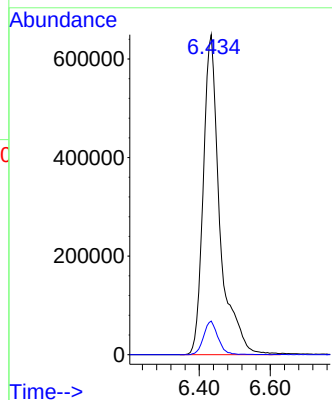
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01



Tgt Ion: 43 Resp: 2113278
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

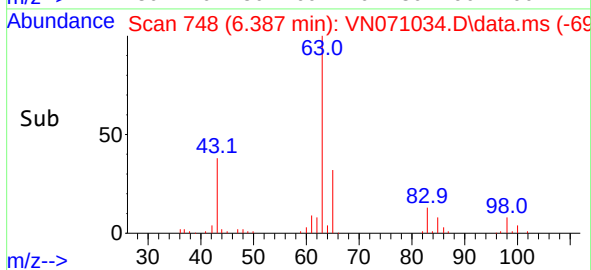
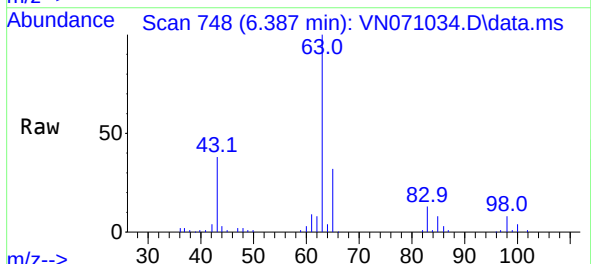
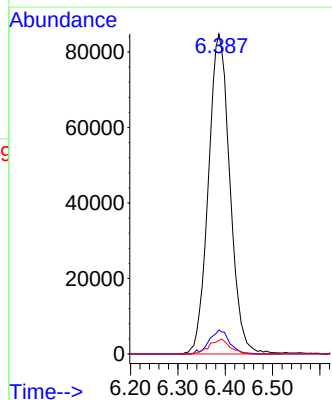
Manual Integrations
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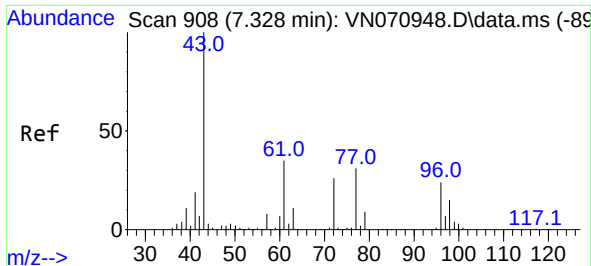
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#24
 1,1-Dichloroethane
 Concen: 20.688 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071034.D
 Acq: 23 Feb 2022 15:04

Tgt Ion: 63 Resp: 267377
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.2 2.1 6.5





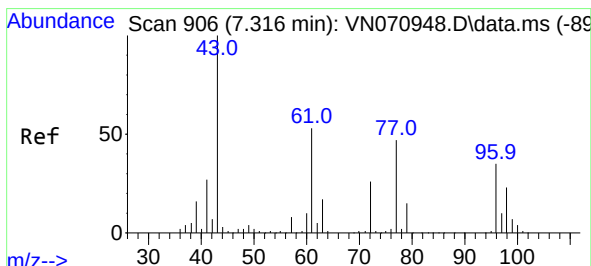
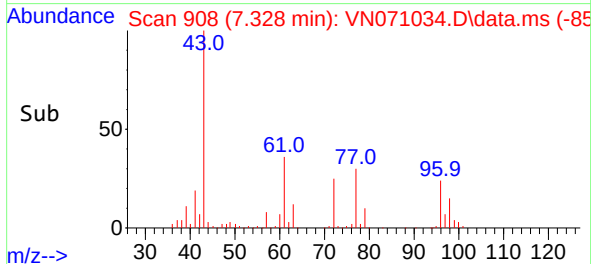
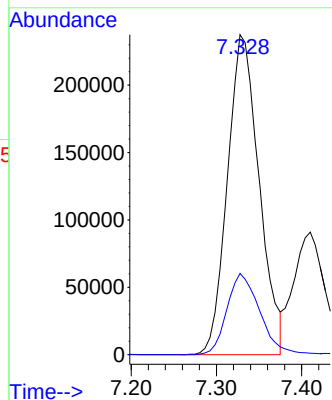
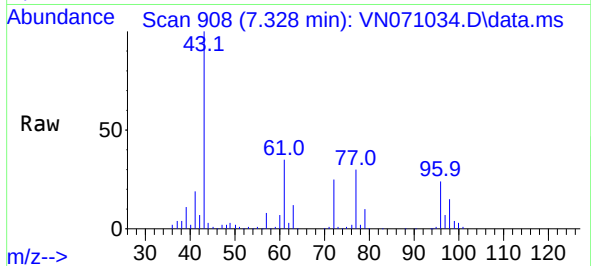
#25
2-Butanone
Concen: 114.093 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 43 Resp: 61474
Ion Ratio Lower Upper
43 100
72 25.4 21.7 32.5

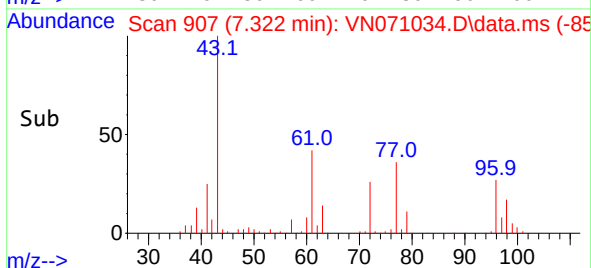
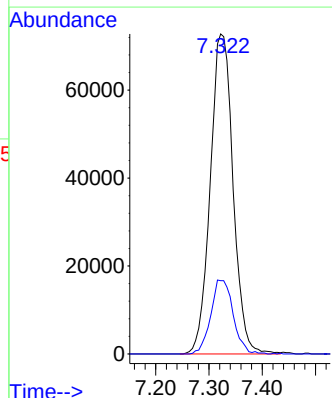
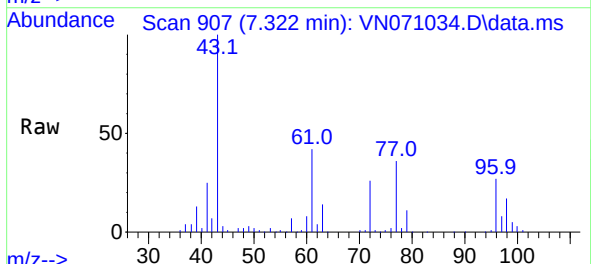
Manual Integrations
APPROVED

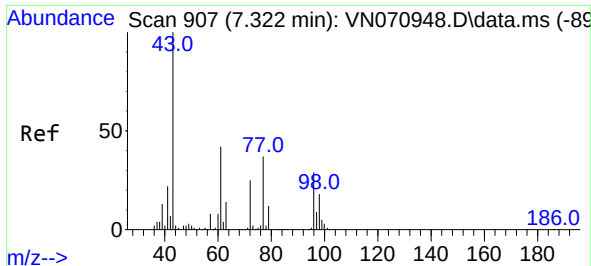
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#26
2,2-Dichloropropane
Concen: 20.123 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

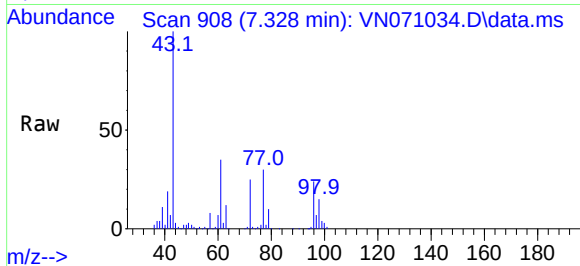
Tgt Ion: 77 Resp: 216153
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.303 ug/l
RT: 7.328 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

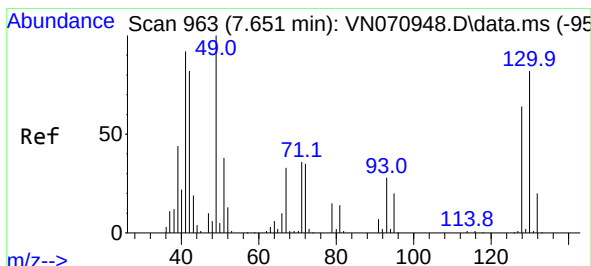
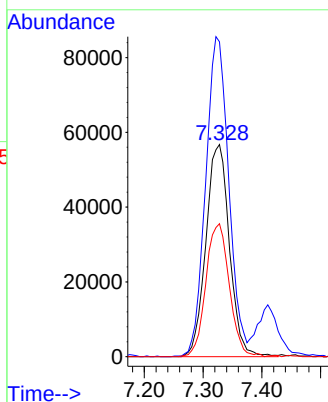
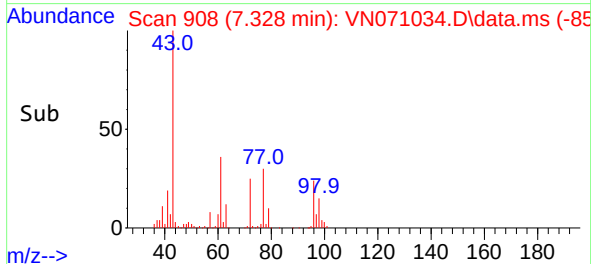
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 96 Resp: 157870
Ion Ratio Lower Upper
96 100
61 147.8 0.0 275.0
98 62.4 0.0 129.6

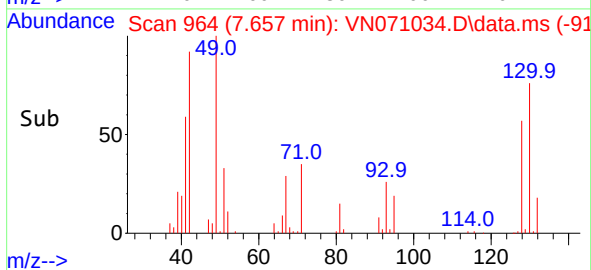
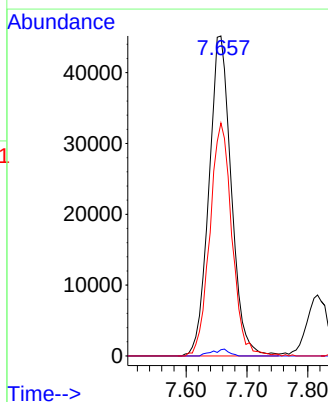
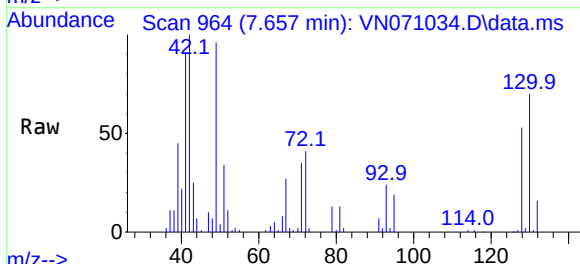
Manual Integrations
APPROVED

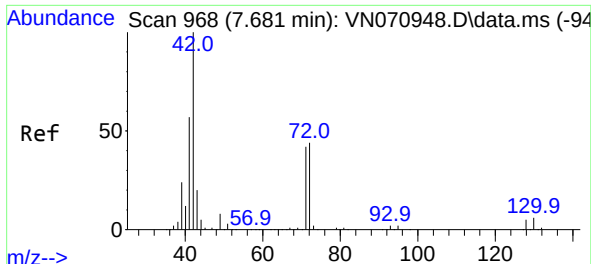
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#28
Bromochloromethane
Concen: 21.998 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Tgt Ion: 49 Resp: 115071
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 71.8 67.8 101.8





#29

Tetrahydrofuran

Concen: 112.384 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071034.D

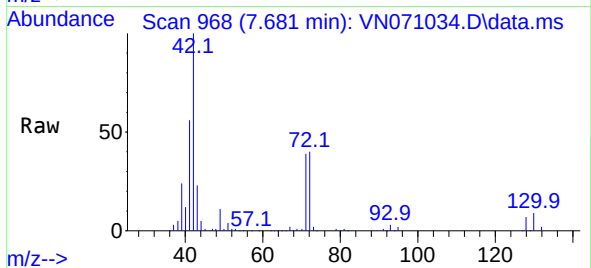
Acq: 23 Feb 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01



Tgt Ion: 42 Resp: 392279

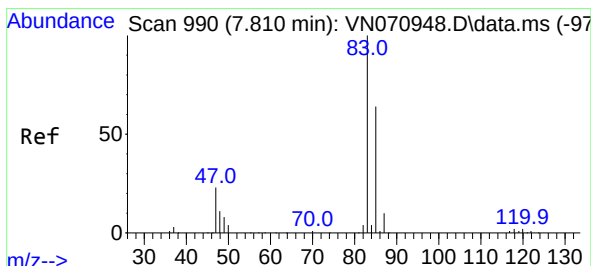
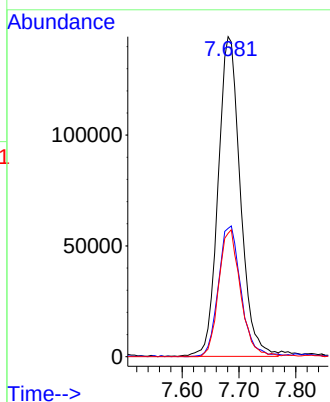
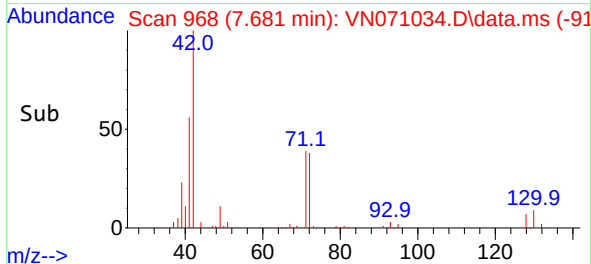
Ion	Ratio	Lower	Upper
42	100		
72	41.6	36.3	54.5
71	39.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#30

Chloroform

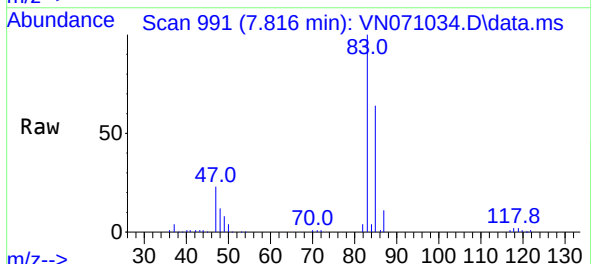
Concen: 20.401 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

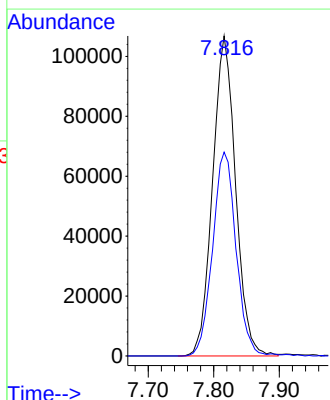
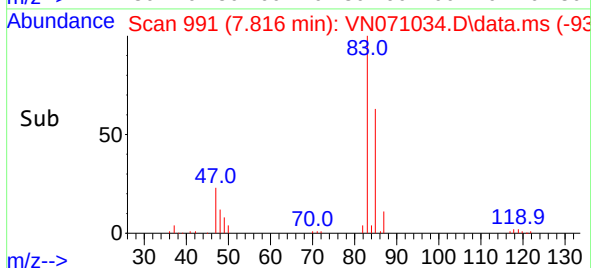
Lab File: VN071034.D

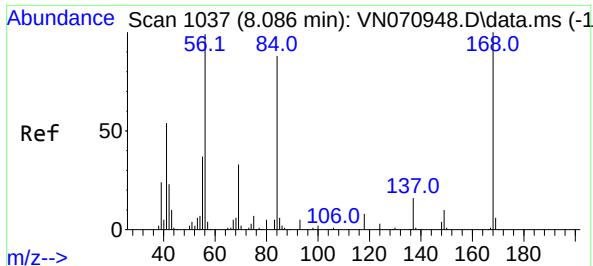
Acq: 23 Feb 2022 15:04



Tgt Ion: 83 Resp: 259332

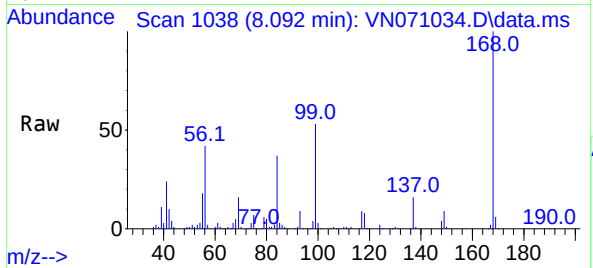
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.9	77.9





#31
Cyclohexane
Concen: 19.963 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

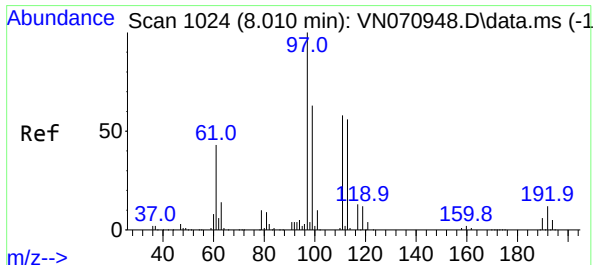
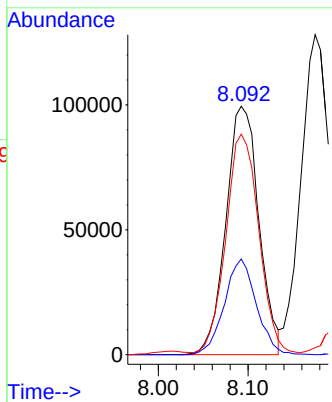
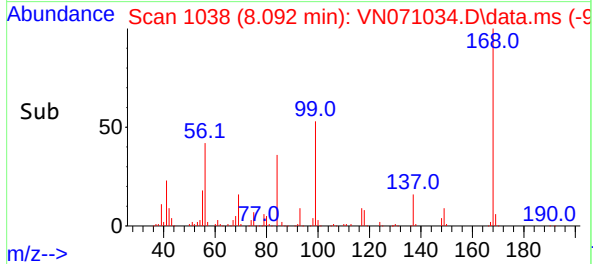
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



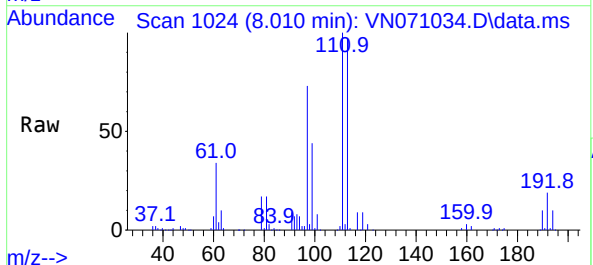
Tgt Ion: 56 Resp: 253915
Ion Ratio Lower Upper
56 100
69 38.5 27.1 40.7
84 87.5 73.4 110.0

Manual Integrations
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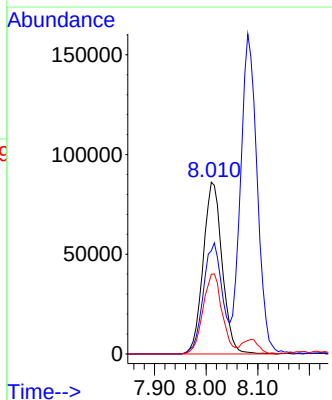
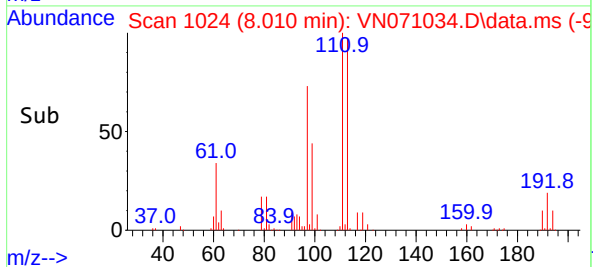
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

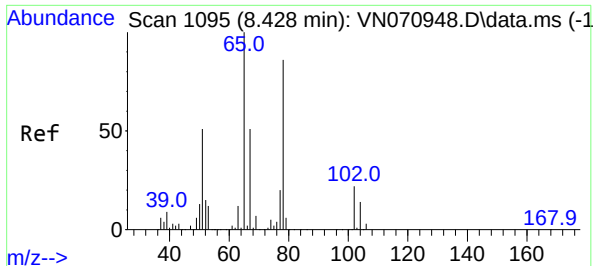


#32
1,1,1-Trichloroethane
Concen: 20.052 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



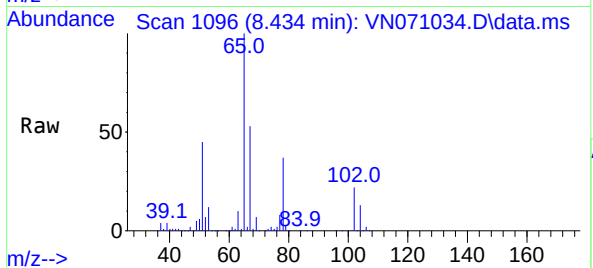
Tgt Ion: 97 Resp: 220125
Ion Ratio Lower Upper
97 100
99 64.4 50.1 75.1
61 46.8 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 55.690 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

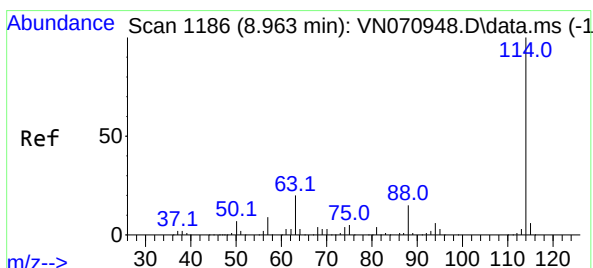
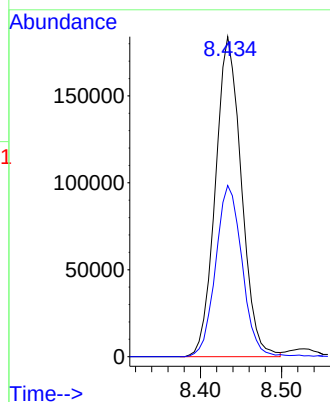
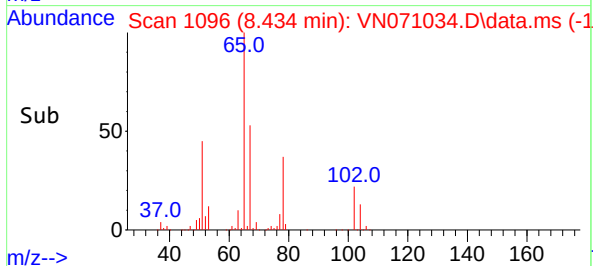
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



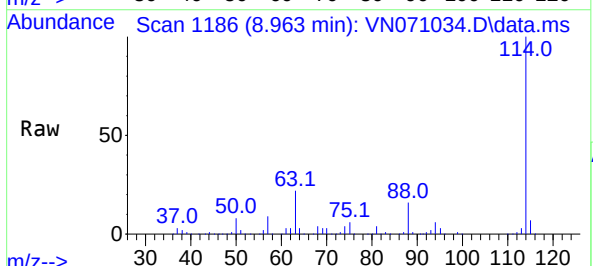
Tgt Ion: 65 Resp: 40957
Ion Ratio Lower Upper
65 100
67 54.7 0.0 103.0

Manual Integrations
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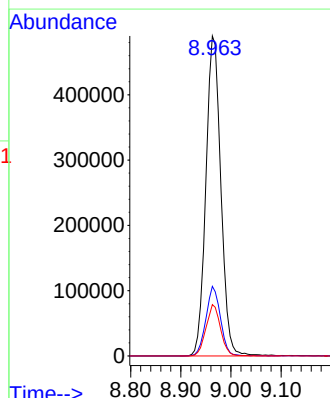
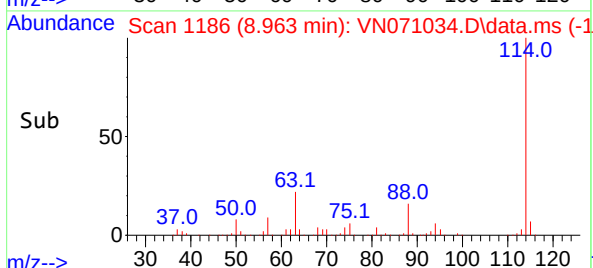
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

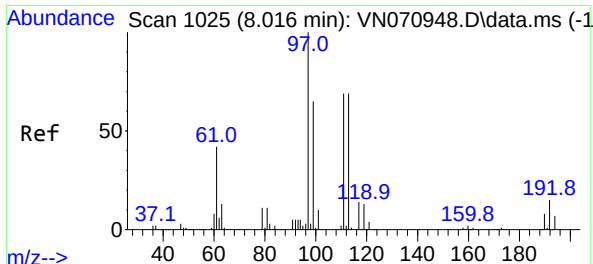


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



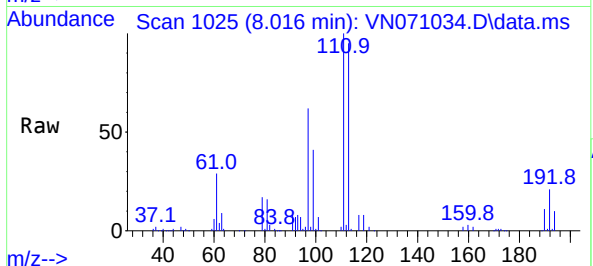
Tgt Ion:114 Resp: 1017701
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.220 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

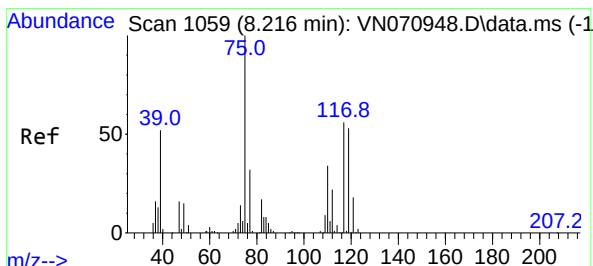
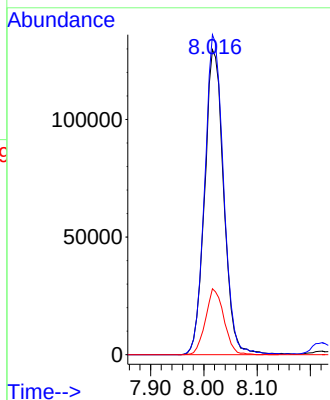
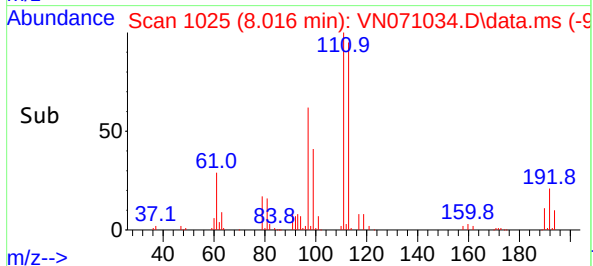
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



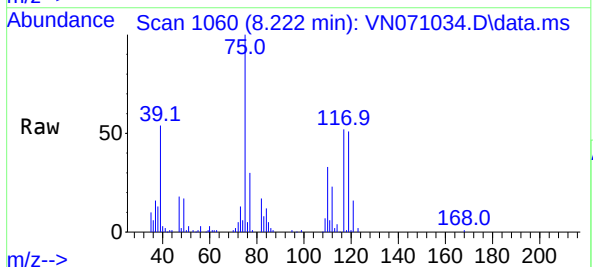
Tgt Ion: 113 Resp: 322154
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.9 16.9 25.3

Manual Integrations
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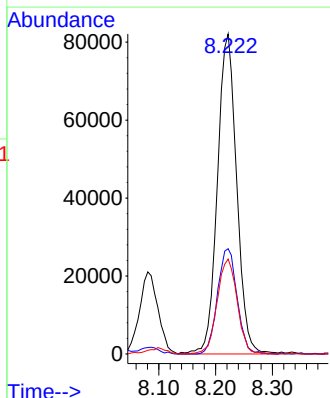
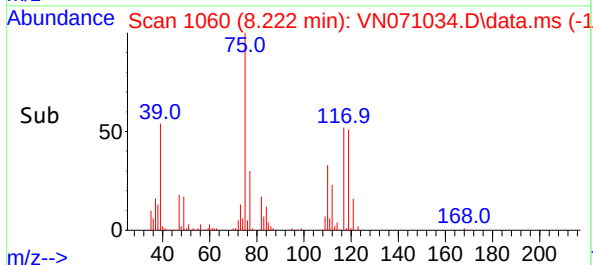
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

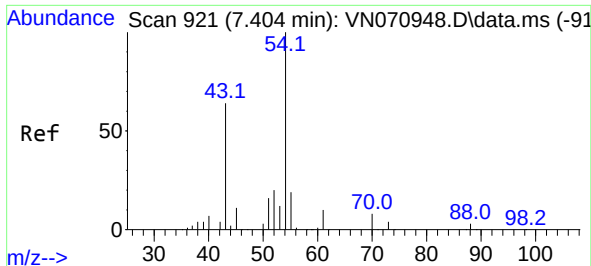


#36
1,1-Dichloropropene
Concen: 19.525 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



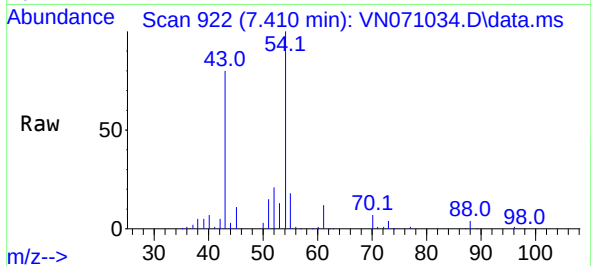
Tgt Ion: 75 Resp: 193632
Ion Ratio Lower Upper
75 100
110 33.5 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 23.702 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

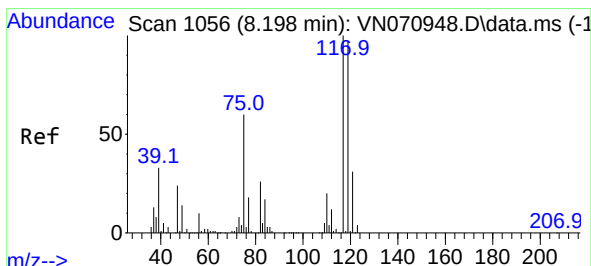
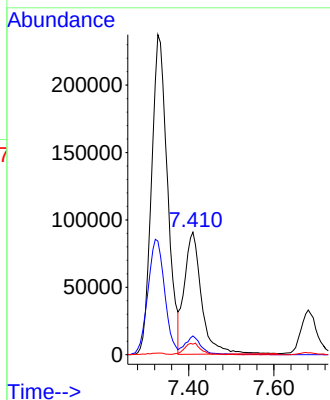
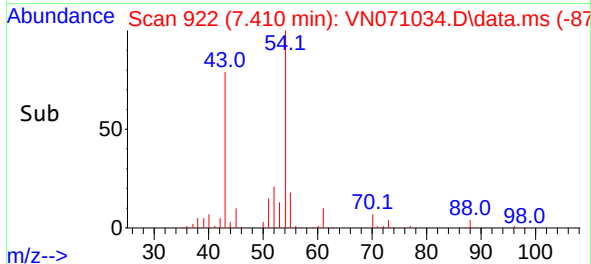
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



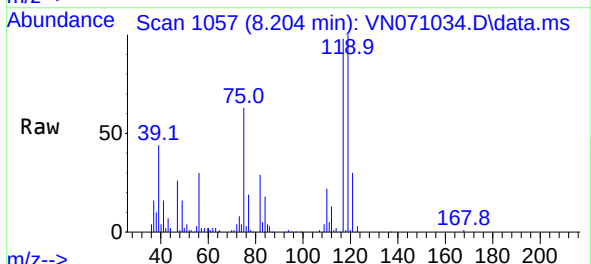
Tgt Ion: 43 Resp: 25209
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 8.9 7.9 11.9

Manual Integrations
APPROVED

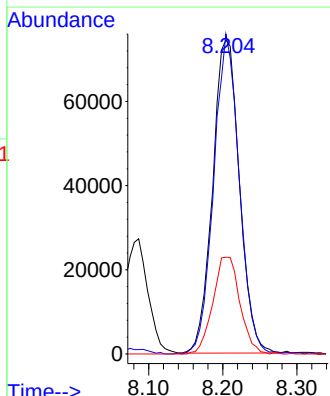
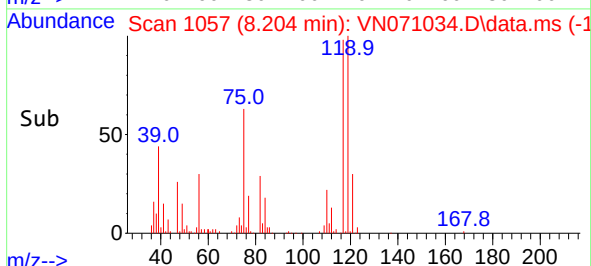
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

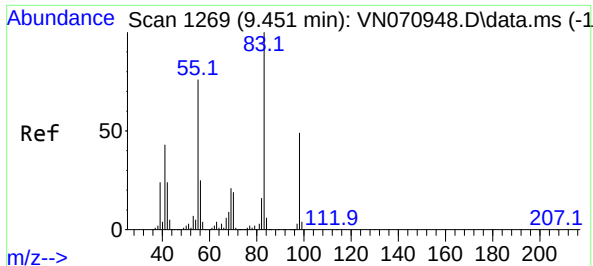


#38
Carbon Tetrachloride
Concen: 19.176 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



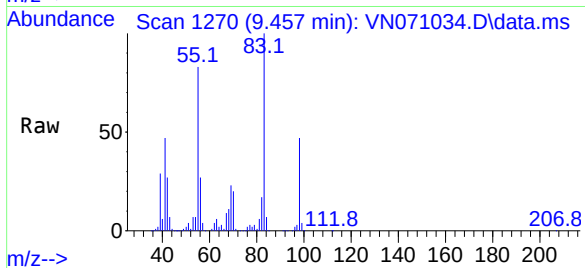
Tgt Ion:117 Resp: 187380
Ion Ratio Lower Upper
117 100
119 102.0 76.1 114.1
121 30.9 24.2 36.2





#39
Methylcyclohexane
Concen: 18.447 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

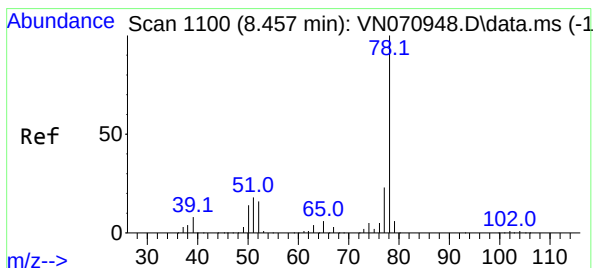
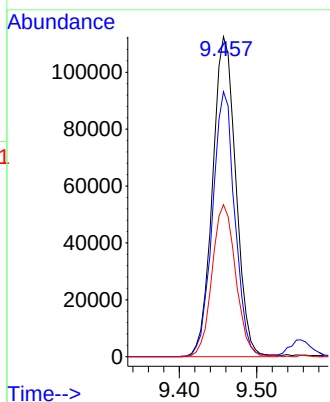
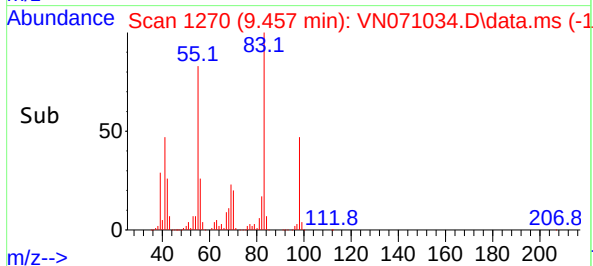
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 83 Resp: 23541
Ion Ratio Lower Upper
83 100
55 82.8 58.1 87.1
98 47.5 38.4 57.6

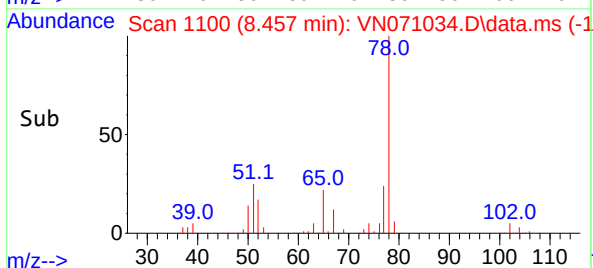
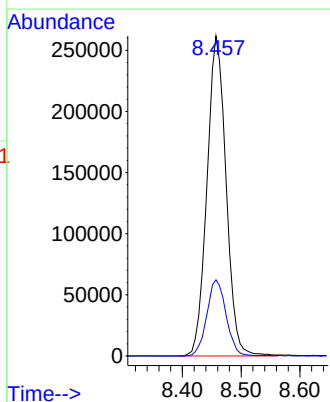
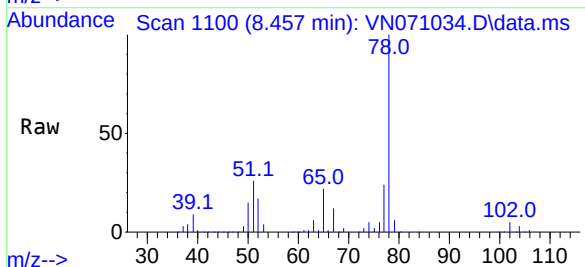
Manual Integrations
APPROVED

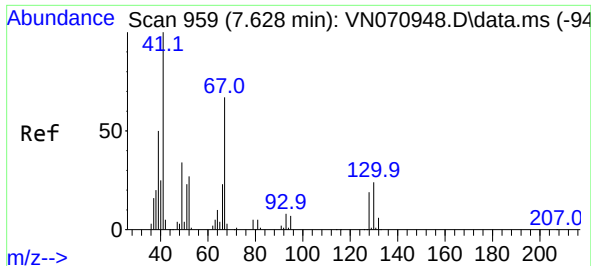
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#40
Benzene
Concen: 20.159 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

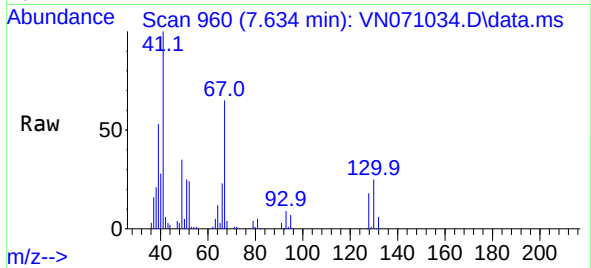
Tgt Ion: 78 Resp: 591368
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 21.754 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

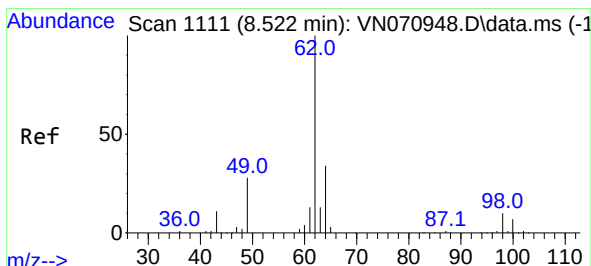
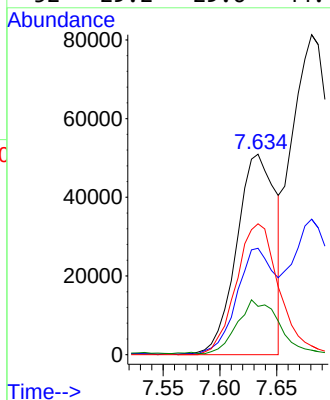
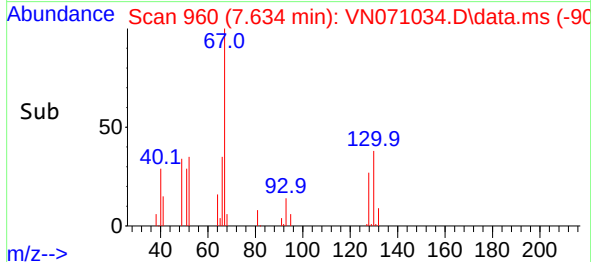
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 41 Resp: 12186
Ion Ratio Lower Upper
41 100
39 51.1 48.1 72.1
67 71.8 68.3 102.5
52 29.2 29.6 44.4#

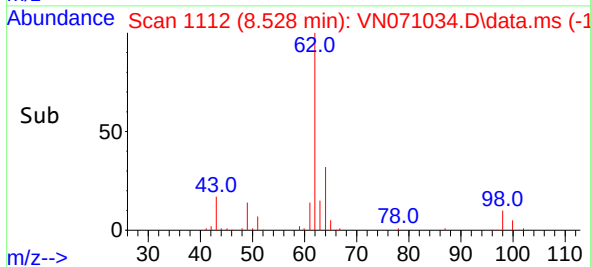
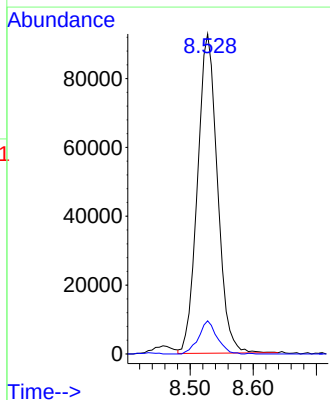
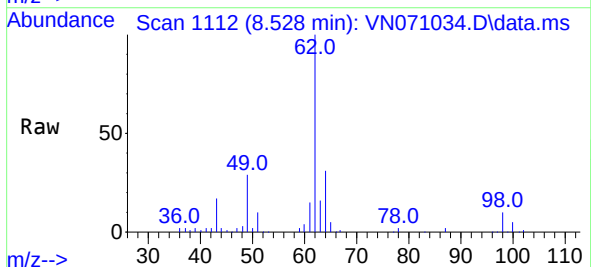
Manual Integrations
APPROVED

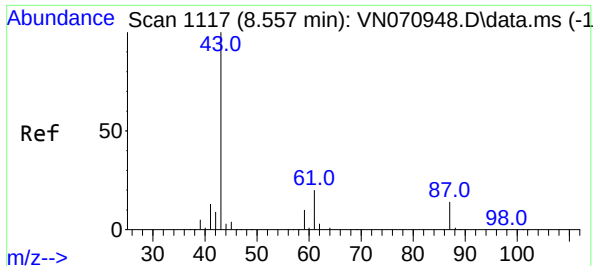
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#42
1,2-Dichloroethane
Concen: 20.362 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

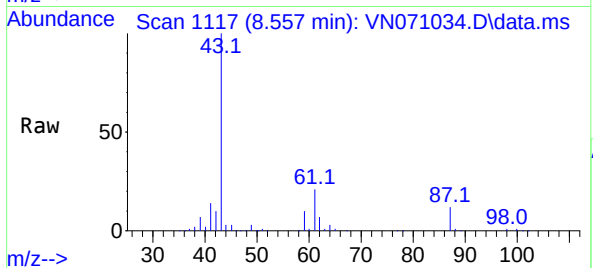
Tgt Ion: 62 Resp: 203441
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.614 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

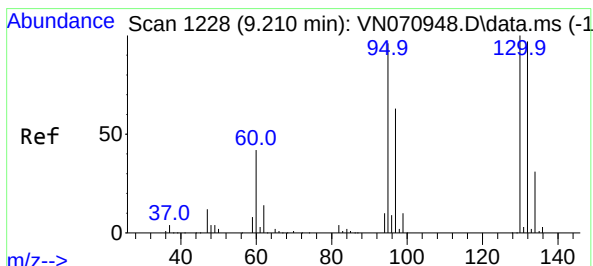
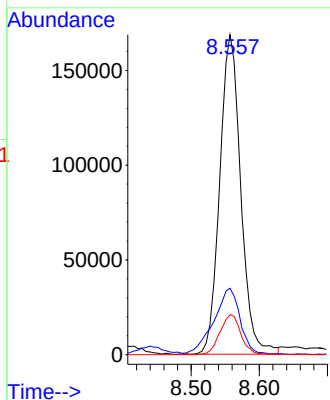
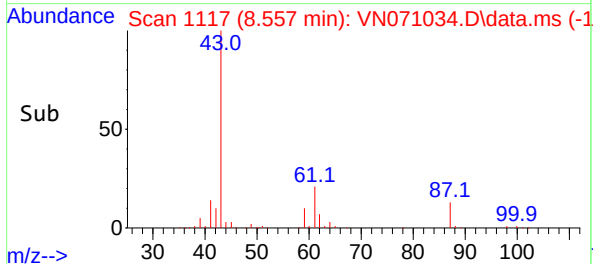
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



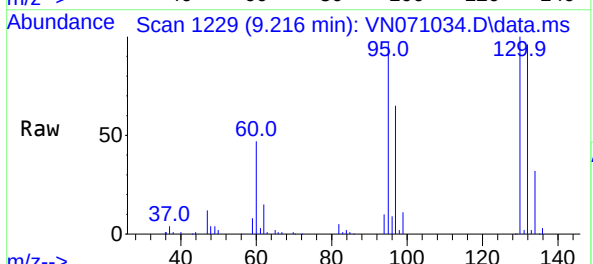
Tgt Ion: 43 Resp: 362340
Ion Ratio Lower Upper
43 100
61 26.0 20.4 30.6
87 12.4 11.2 16.8

Manual Integrations
APPROVED

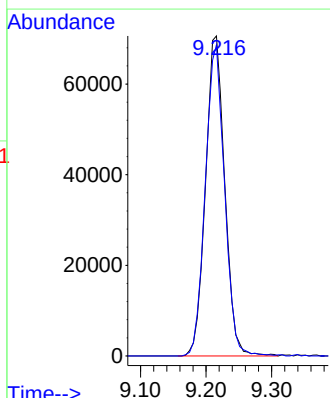
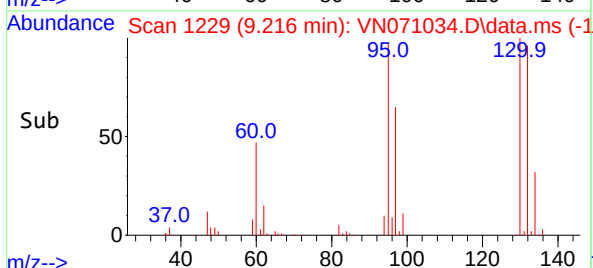
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

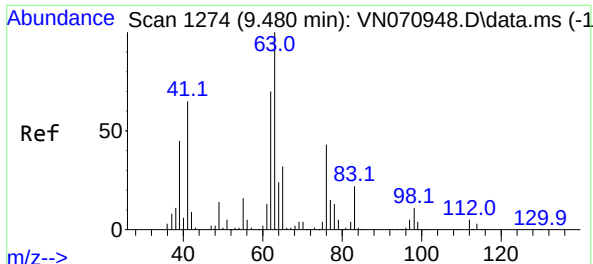


#44
Trichloroethene
Concen: 18.631 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



Tgt Ion:130 Resp: 143923
Ion Ratio Lower Upper
130 100
95 97.2 0.0 191.2





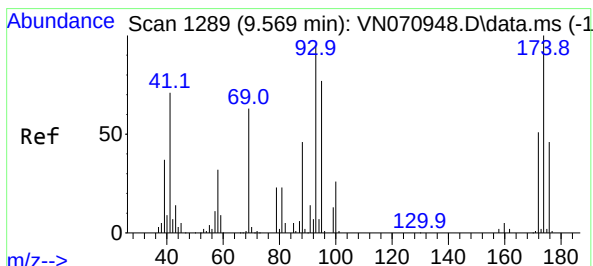
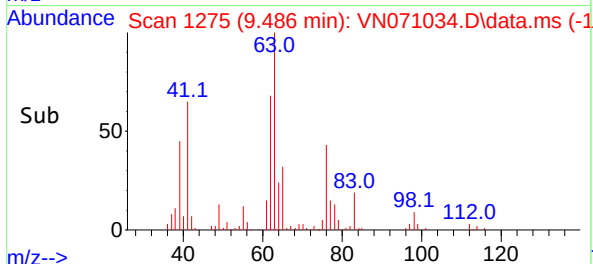
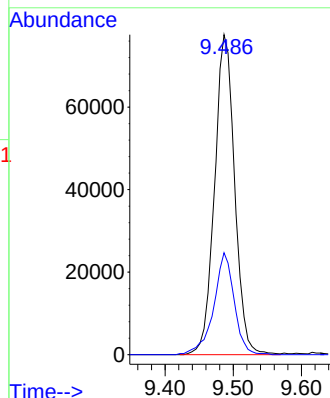
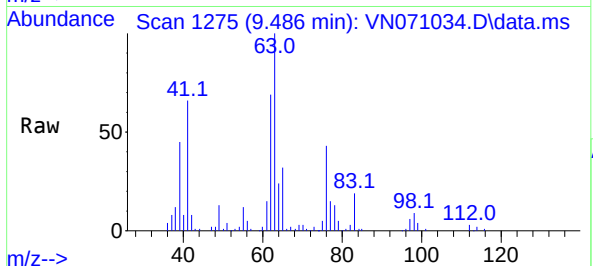
#45
1,2-Dichloropropane
Concen: 21.182 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 63 Resp: 159172
Ion Ratio Lower Upper
63 100
65 31.9 24.7 37.1

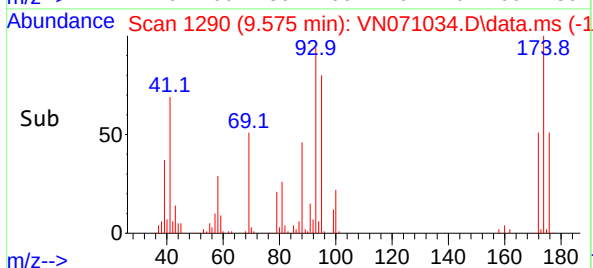
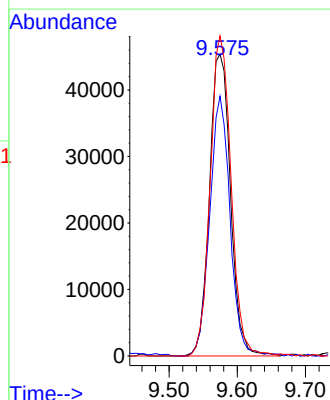
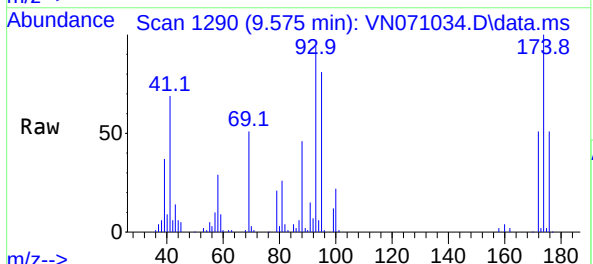
Manual Integrations
APPROVED

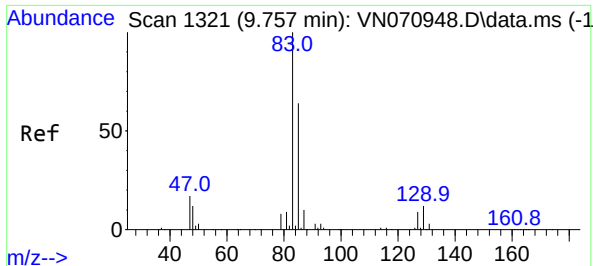
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#46
Dibromomethane
Concen: 19.731 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

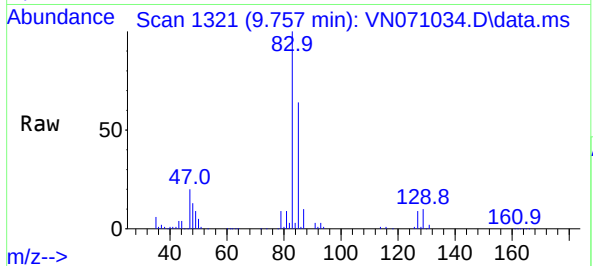
Tgt Ion: 93 Resp: 97572
Ion Ratio Lower Upper
93 100
95 83.3 65.9 98.9
174 105.2 84.6 127.0





#47
Bromodichloromethane
Concen: 19.681 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

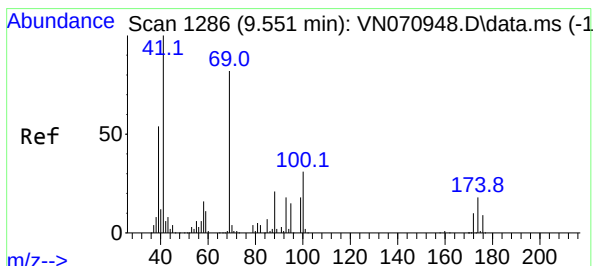
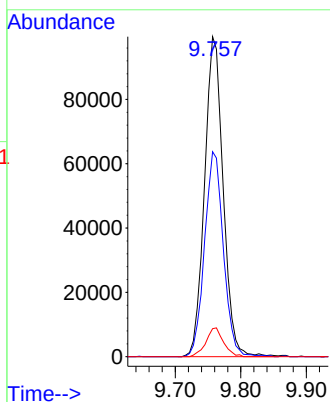
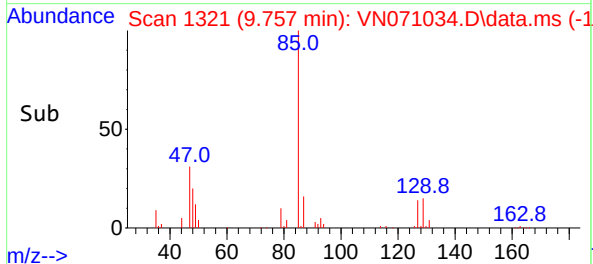
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



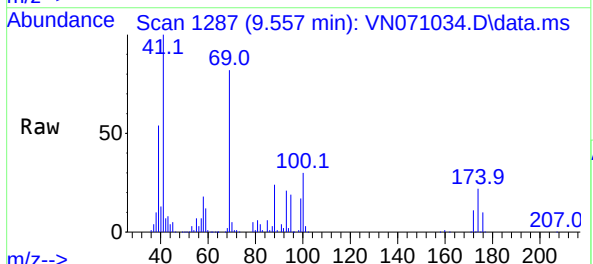
Tgt Ion: 83 Resp: 19670
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.8 7.1 10.7

Manual Integrations
APPROVED

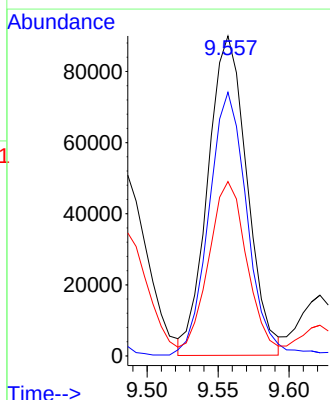
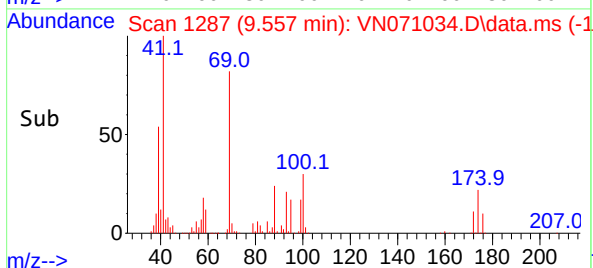
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

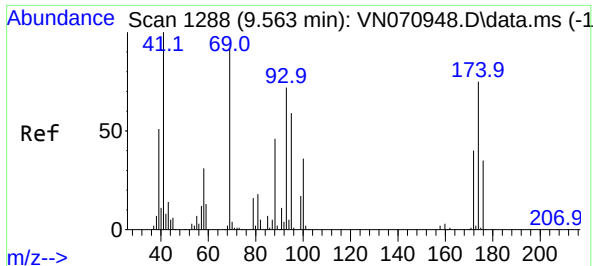


#48
Methyl methacrylate
Concen: 21.731 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



Tgt Ion: 41 Resp: 172444
Ion Ratio Lower Upper
41 100
69 80.5 72.4 108.6
39 53.5 58.4 87.6#





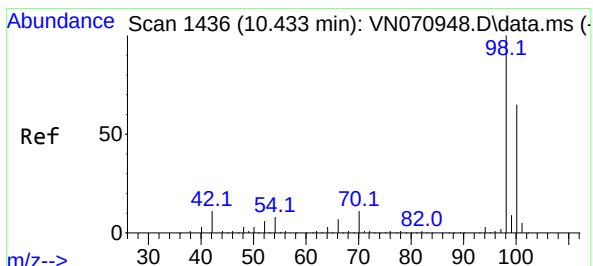
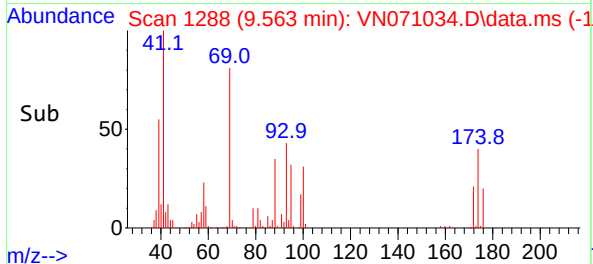
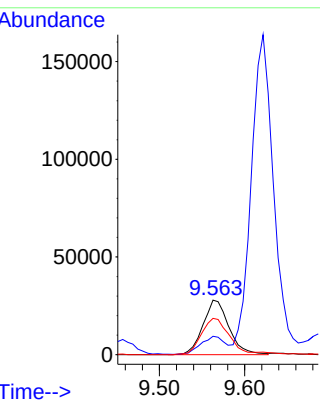
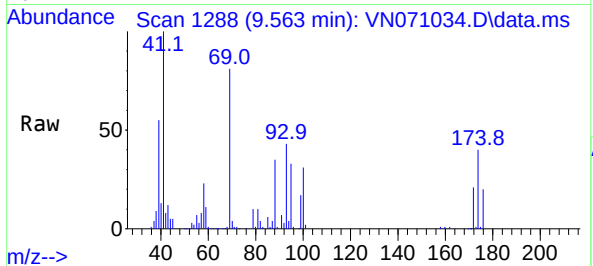
#49
1,4-Dioxane
Concen: 418.319 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 88 Resp: 58958
Ion Ratio Lower Upper
88 100
43 30.4 23.4 35.2
58 75.2 50.6 75.8

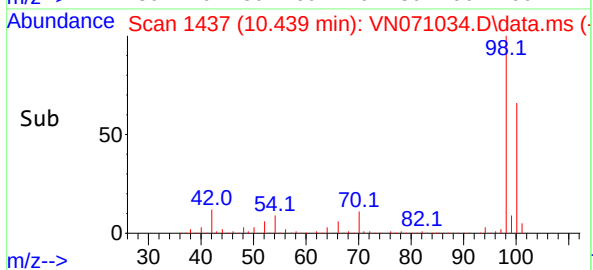
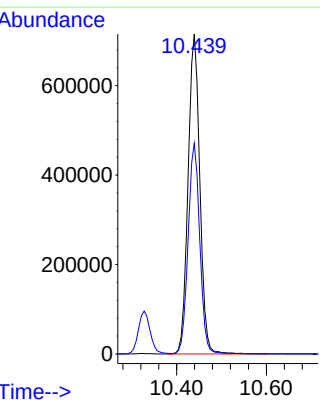
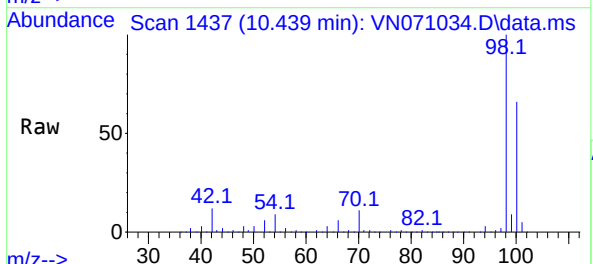
Manual Integrations
APPROVED

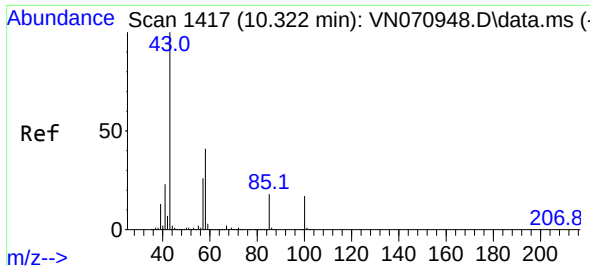
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#50
Toluene-d8
Concen: 53.531 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

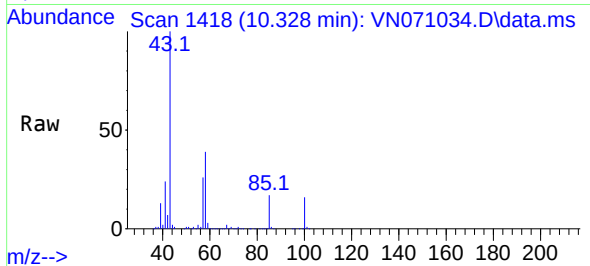
Tgt Ion: 98 Resp: 1301317
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 112.911 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

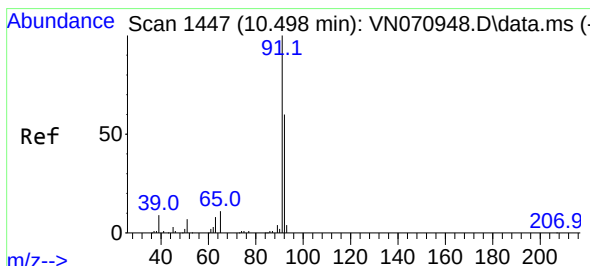
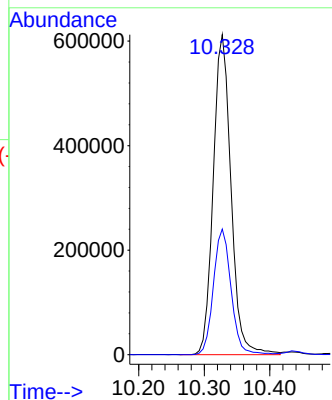
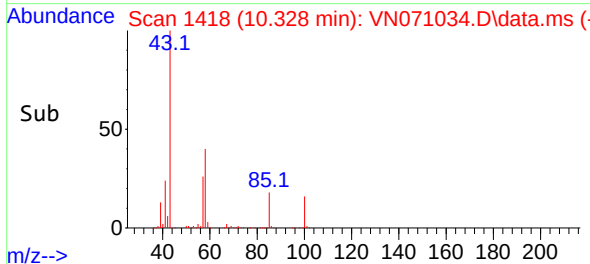
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 43 Resp: 115169
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

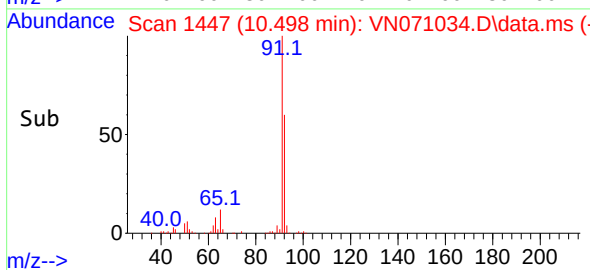
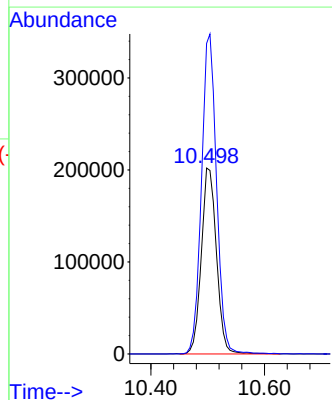
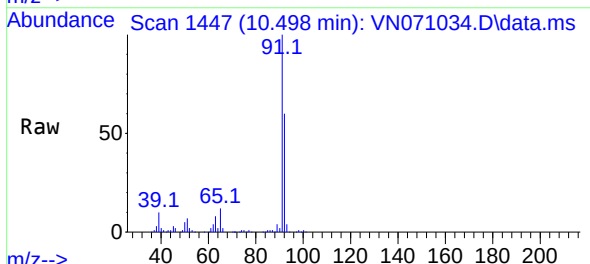
Manual Integrations
APPROVED

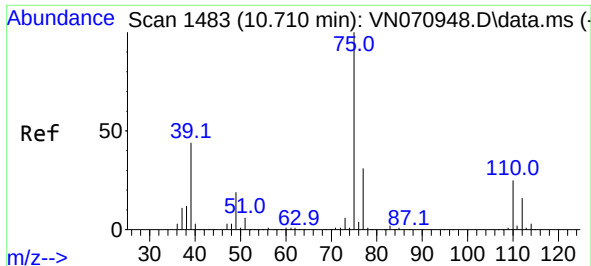
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
Toluene
Concen: 20.268 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Tgt Ion: 92 Resp: 373617
Ion Ratio Lower Upper
92 100
91 171.3 142.0 213.0





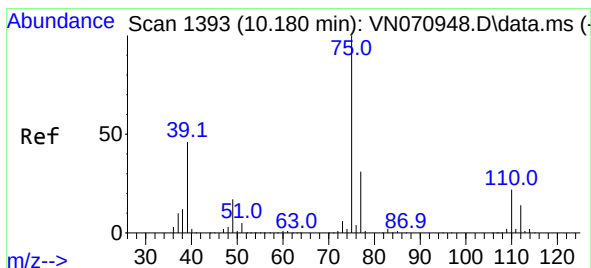
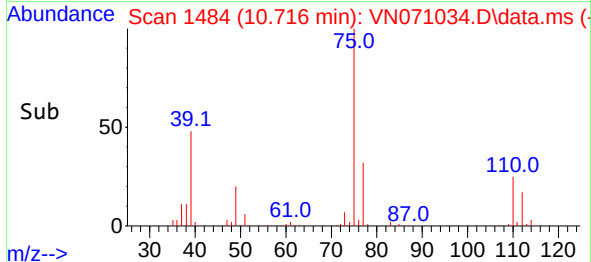
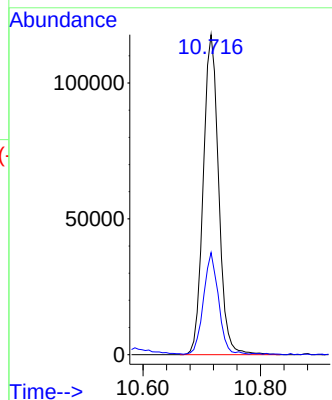
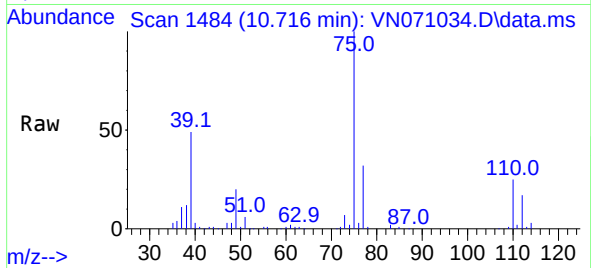
#53
t-1,3-Dichloropropene
Concen: 19.665 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 75 Resp: 213714
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

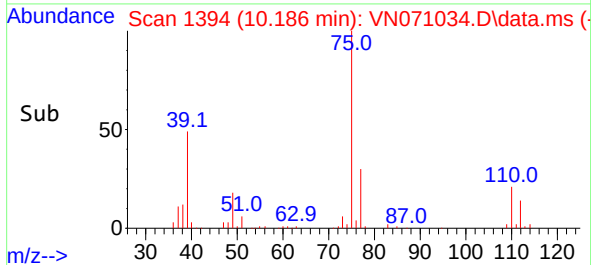
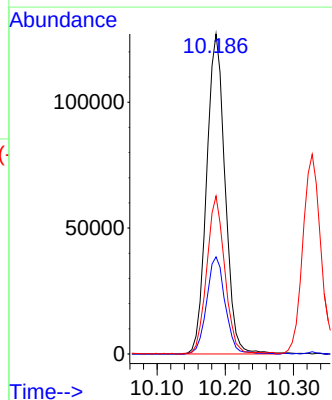
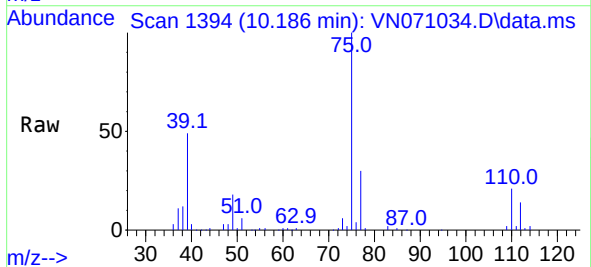
Manual Integrations
APPROVED

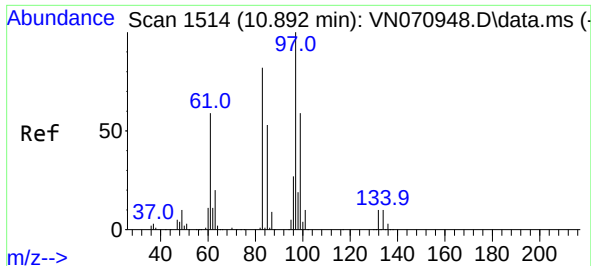
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#54
cis-1,3-Dichloropropene
Concen: 20.049 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

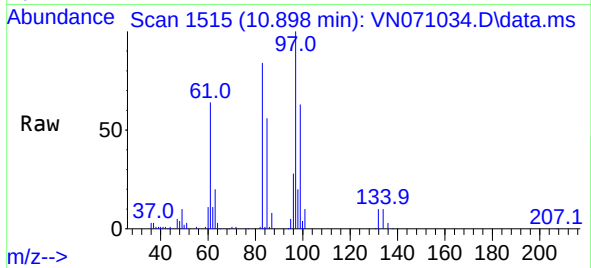
Tgt Ion: 75 Resp: 239276
Ion Ratio Lower Upper
75 100
77 30.3 26.4 39.6
39 49.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.330 ug/l
RT: 10.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

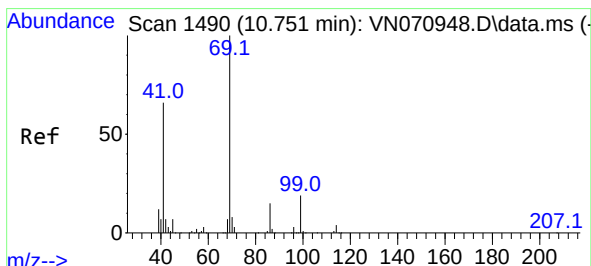
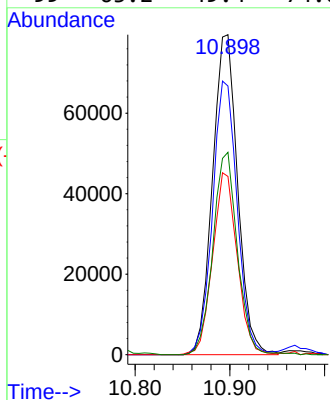
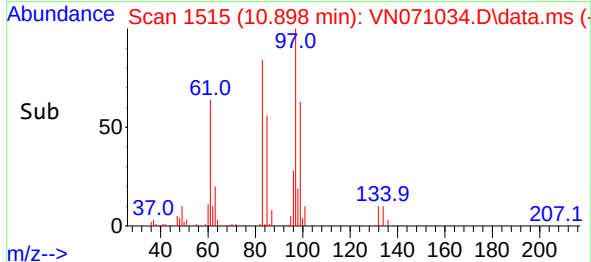
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



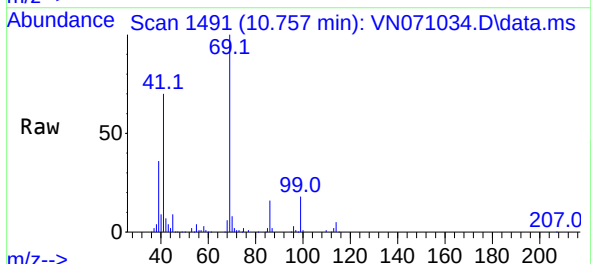
Tgt Ion: 97 Resp: 14668
Ion Ratio Lower Upper
97 100
83 83.9 67.8 101.6
85 55.7 45.4 68.2
99 63.2 49.4 74.0

Manual Integrations
APPROVED

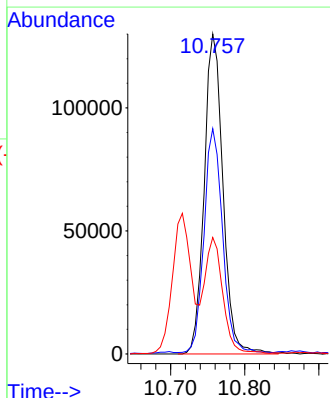
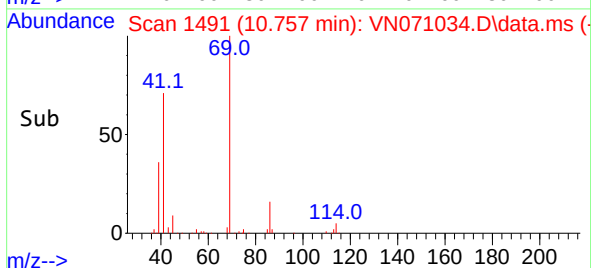
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

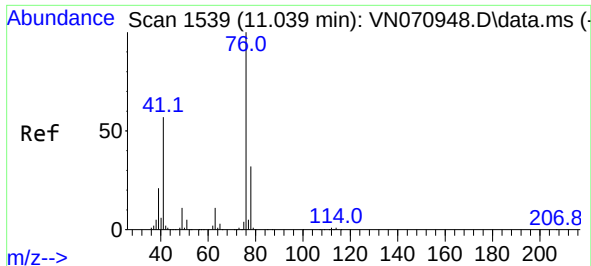


#56
Ethyl methacrylate
Concen: 21.029 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



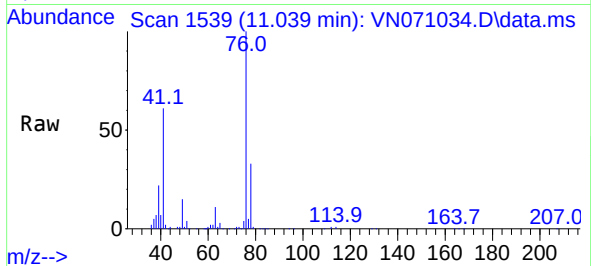
Tgt Ion: 69 Resp: 228612
Ion Ratio Lower Upper
69 100
41 68.8 51.4 77.0
39 33.8 34.6 52.0#





#57
1,3-Dichloropropane
Concen: 20.818 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

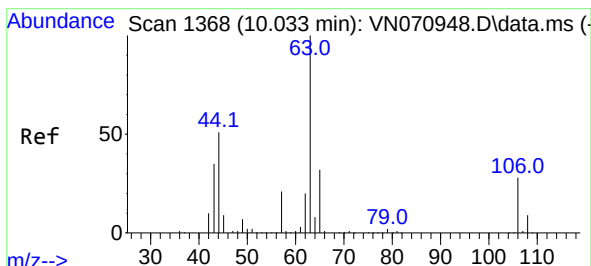
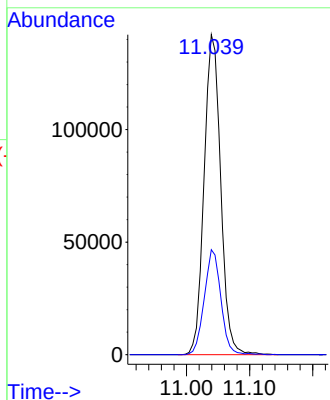
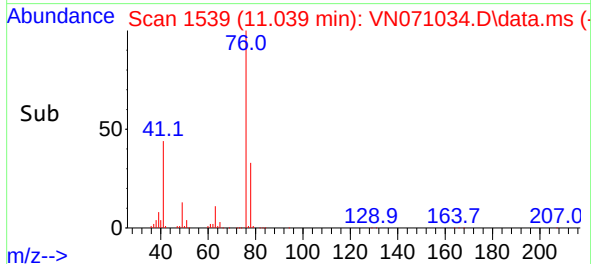
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



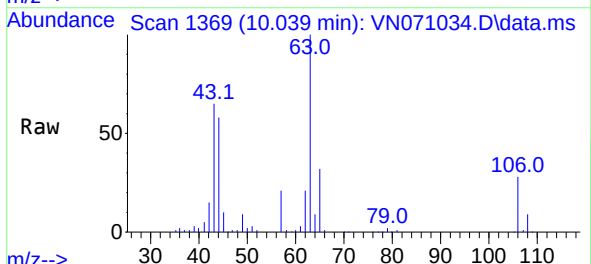
Tgt Ion: 76 Resp: 259820
Ion Ratio Lower Upper
76 100
78 32.8 25.7 38.5

Manual Integrations
APPROVED

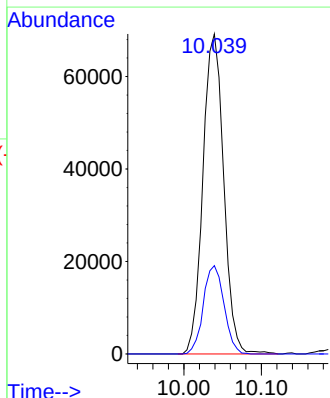
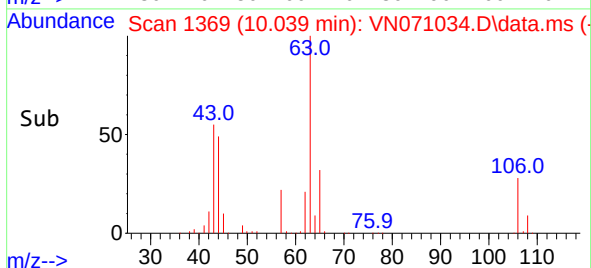
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

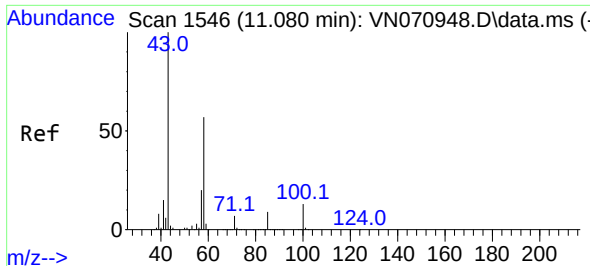


#58
2-Chloroethyl Vinyl ether
Concen: 78.277 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



Tgt Ion: 63 Resp: 128770
Ion Ratio Lower Upper
63 100
106 27.4 23.9 35.9





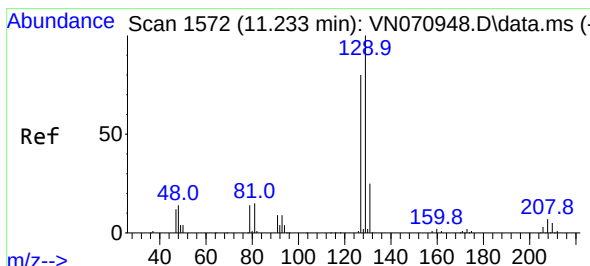
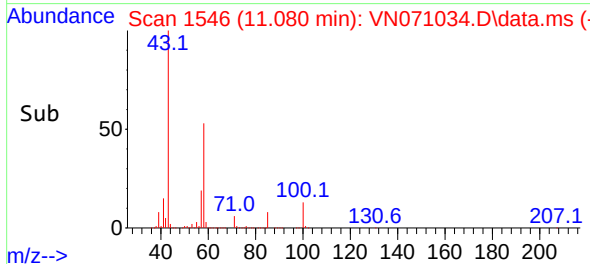
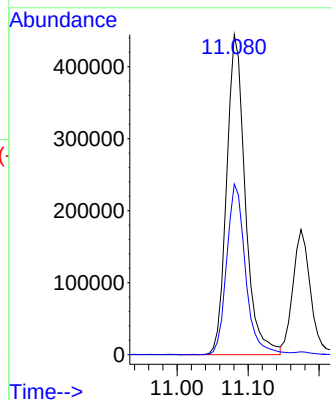
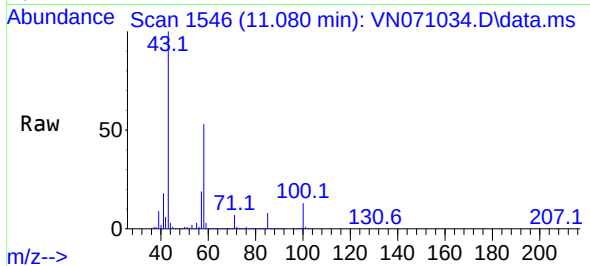
#59
2-Hexanone
Concen: 115.373 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 43 Resp: 80935
Ion Ratio Lower Upper
43 100
58 53.9 26.9 80.7

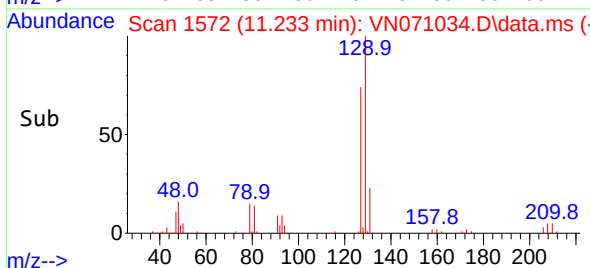
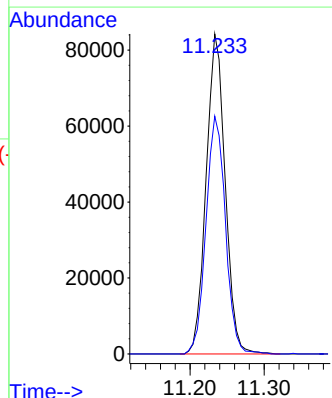
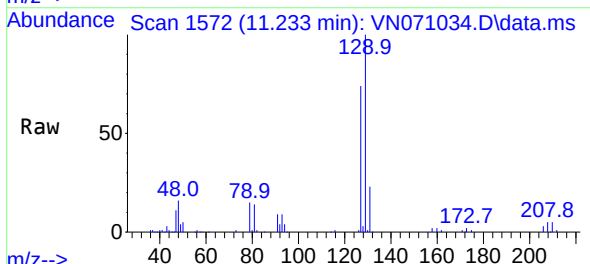
Manual Integrations
APPROVED

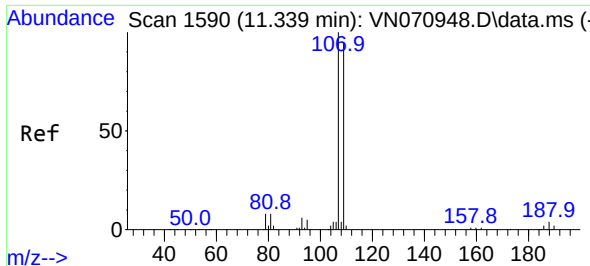
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#60
Dibromochloromethane
Concen: 19.698 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

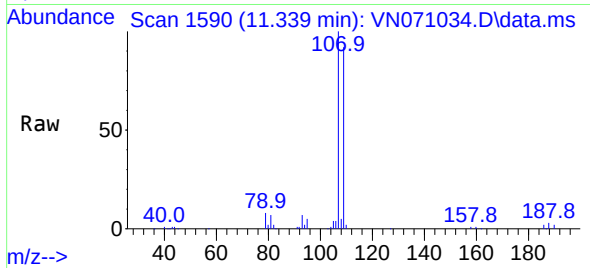
Tgt Ion:129 Resp: 150202
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.071 ug/l
RT: 11.339 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

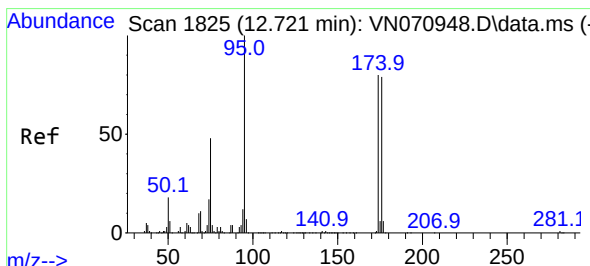
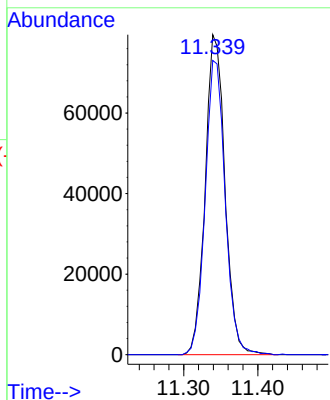
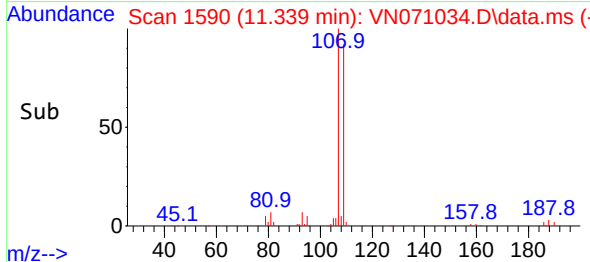
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



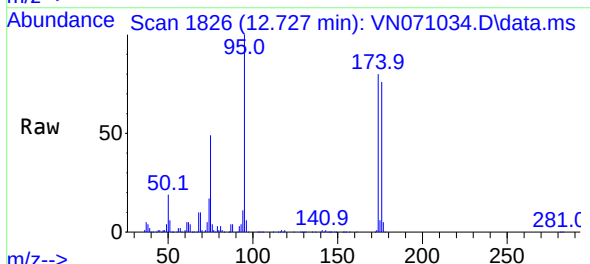
Tgt Ion:107 Resp: 14730
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

Manual Integrations
APPROVED

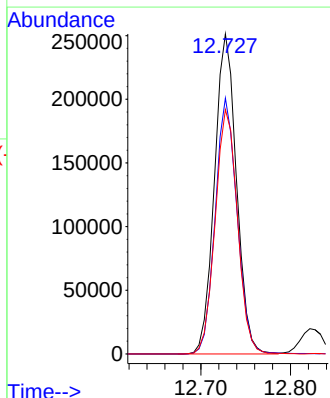
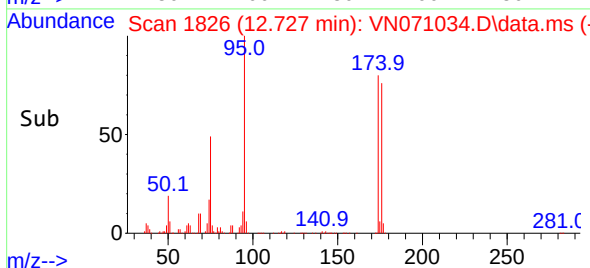
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

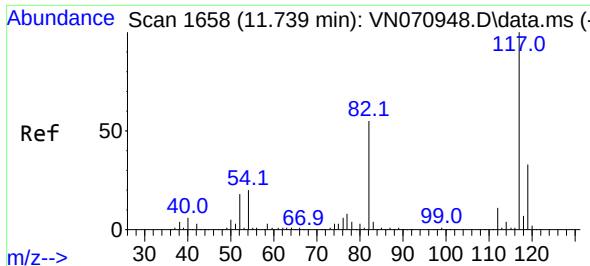


#62
4-Bromofluorobenzene
Concen: 49.187 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



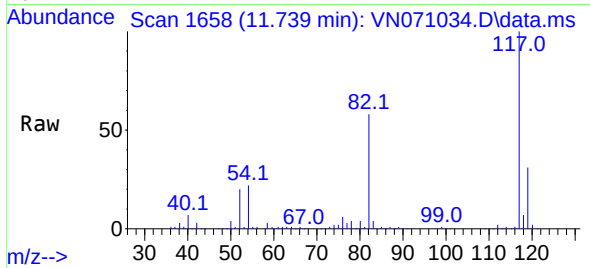
Tgt Ion: 95 Resp: 427401
Ion Ratio Lower Upper
95 100
174 79.7 0.0 187.2
176 77.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

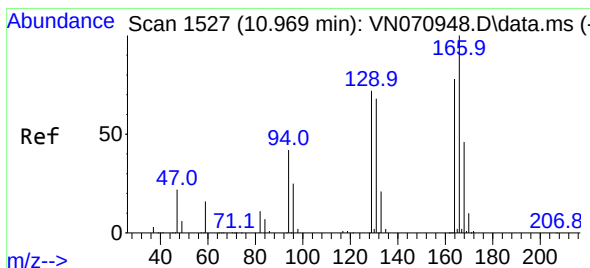
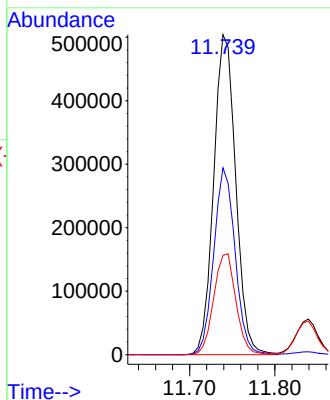
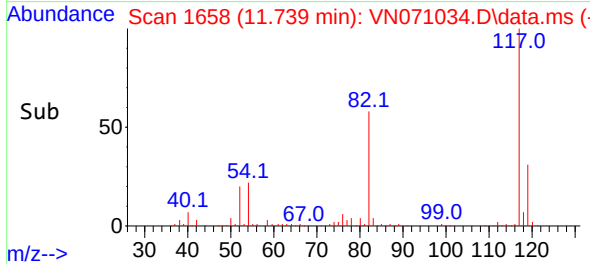
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



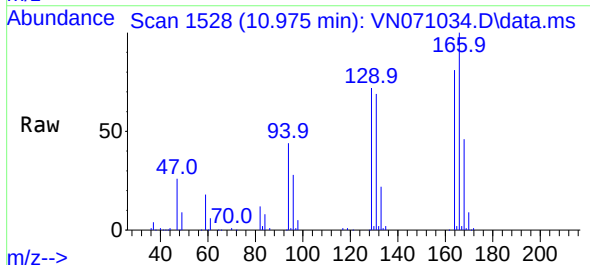
Tgt Ion:117 Resp: 907062
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.0 25.4 38.2

Manual Integrations
APPROVED

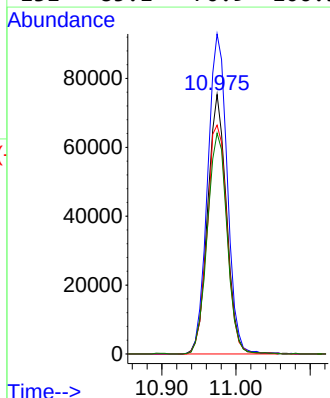
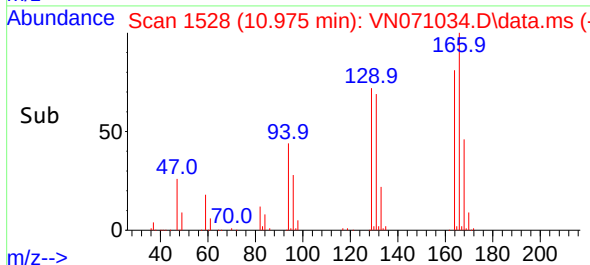
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

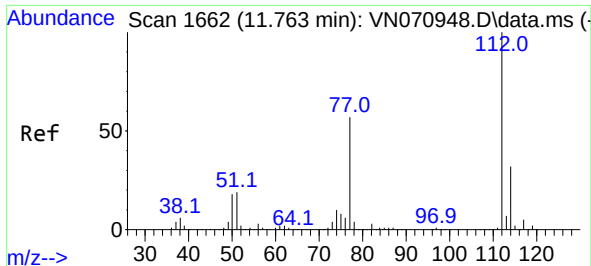


#64
Tetrachloroethene
Concen: 18.903 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



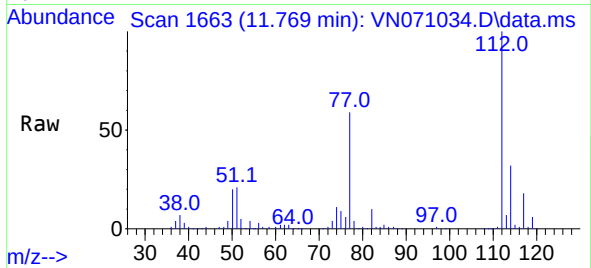
Tgt Ion:164 Resp: 133536
Ion Ratio Lower Upper
164 100
166 123.3 101.9 152.9
129 88.2 72.0 108.0
131 85.1 70.9 106.3





#65
Chlorobenzene
Concen: 19.704 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

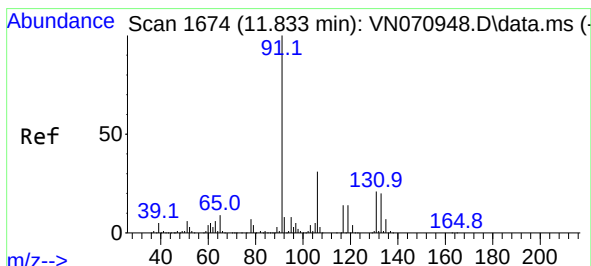
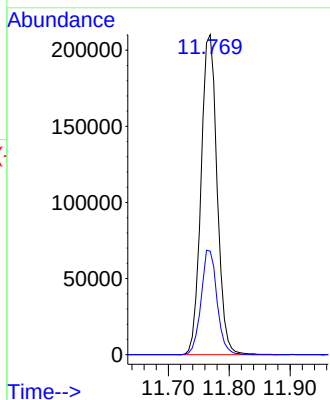
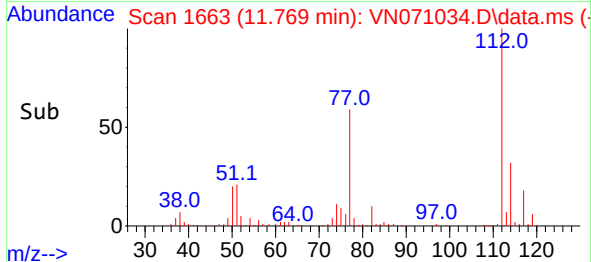
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



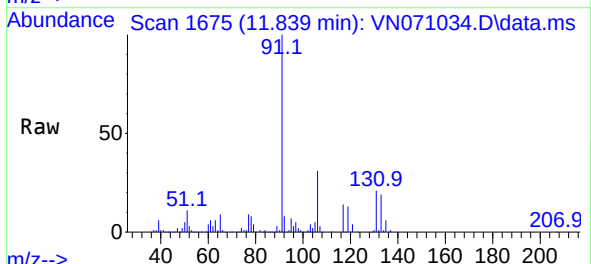
Tgt Ion:112 Resp: 38513
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
APPROVED

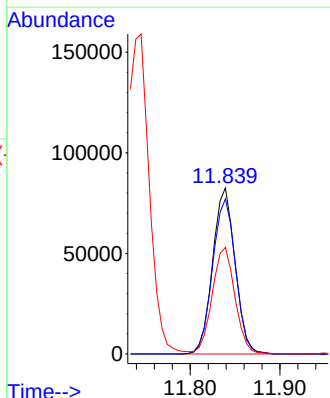
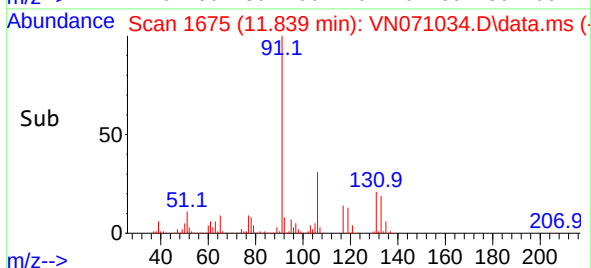
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

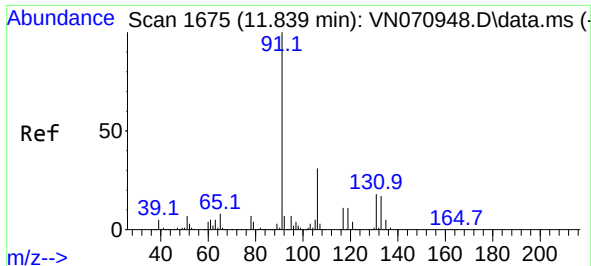


#66
1,1,1,2-Tetrachloroethane
Concen: 20.116 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



Tgt Ion:131 Resp: 143326
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 65.4 32.1 96.5





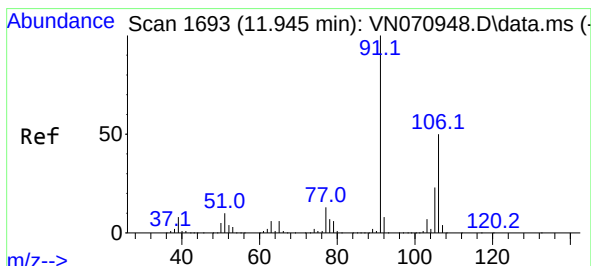
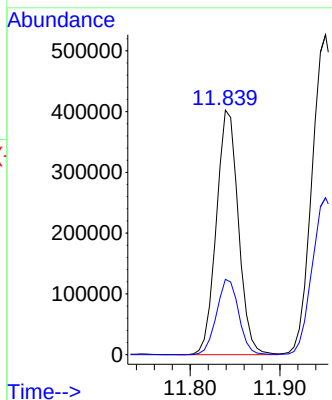
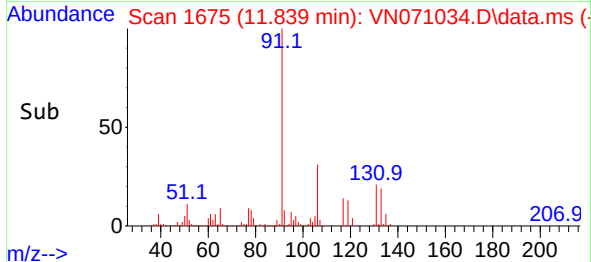
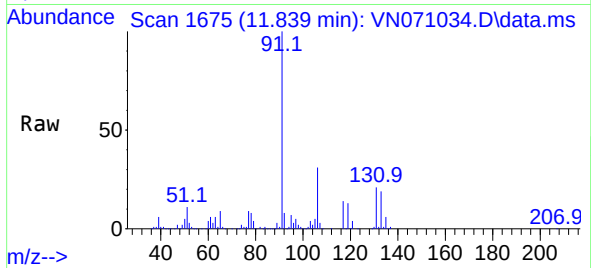
#67
Ethyl Benzene
Concen: 20.084 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 91 Resp: 68707
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

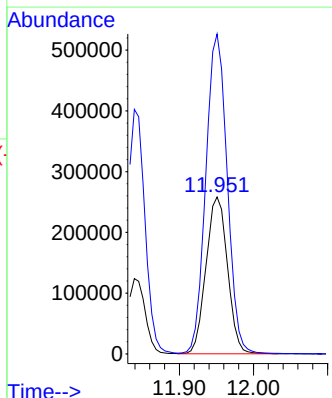
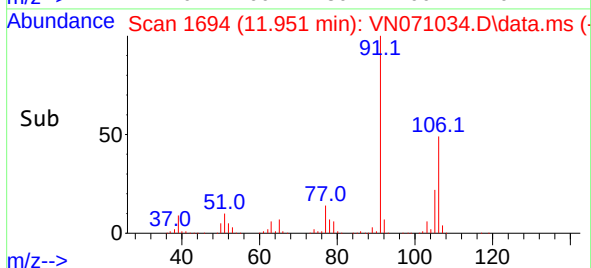
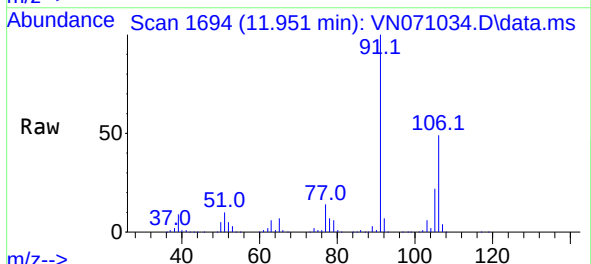
Manual Integrations
APPROVED

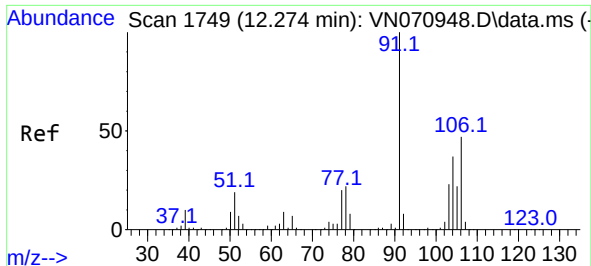
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#68
m/p-Xylenes
Concen: 39.329 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Tgt Ion:106 Resp: 519703
Ion Ratio Lower Upper
106 100
91 203.4 160.6 240.8





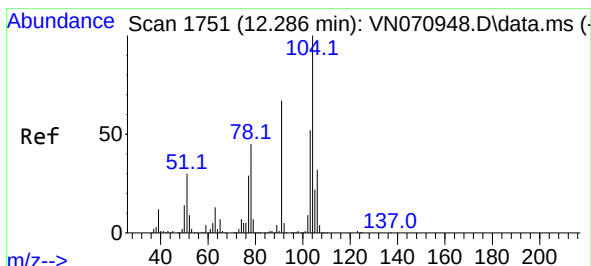
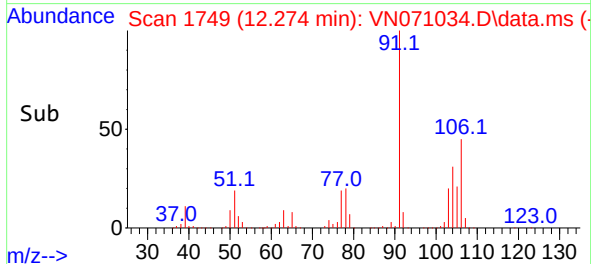
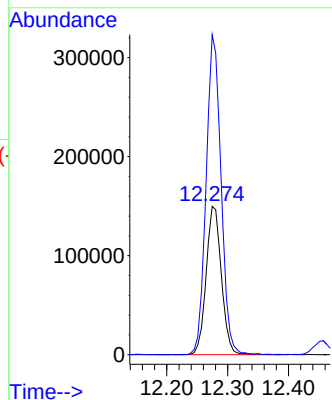
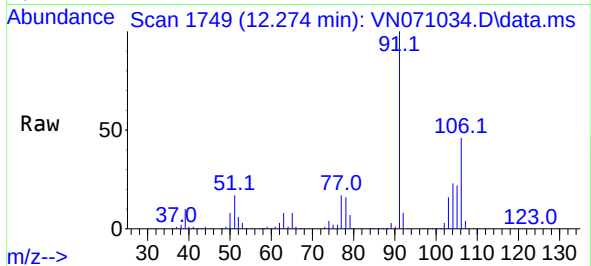
#69
o-Xylene
Concen: 20.142 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:106 Resp: 259995
Ion Ratio Lower Upper
106 100
91 212.1 105.8 317.3

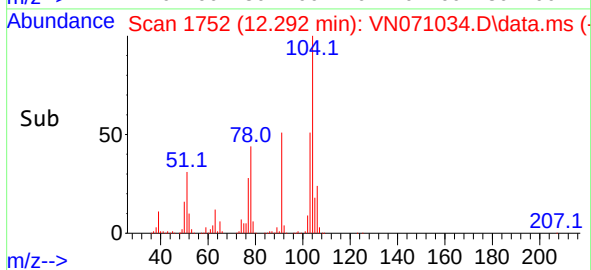
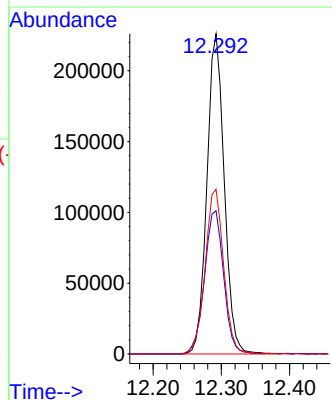
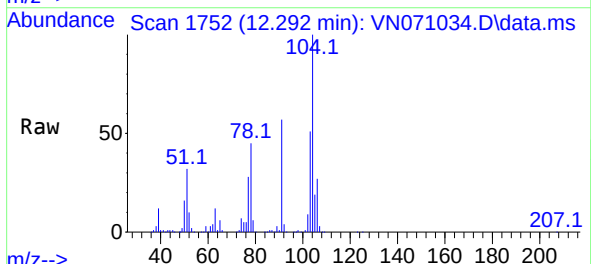
Manual Integrations
APPROVED

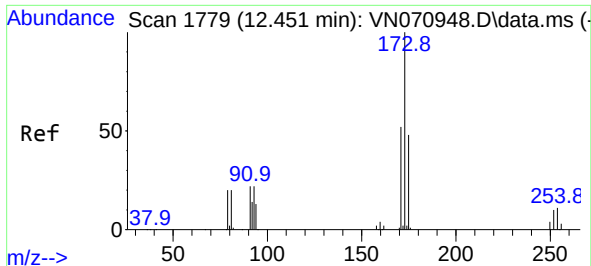
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
Styrene
Concen: 19.485 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Tgt Ion:104 Resp: 399925
Ion Ratio Lower Upper
104 100
78 49.5 38.7 58.1
103 55.0 45.0 67.6





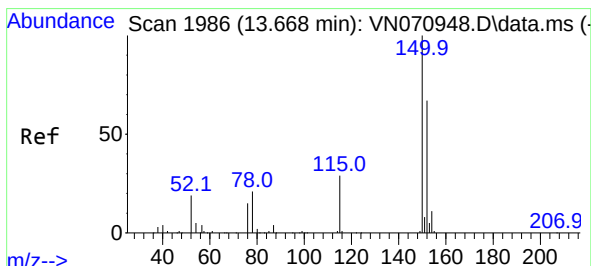
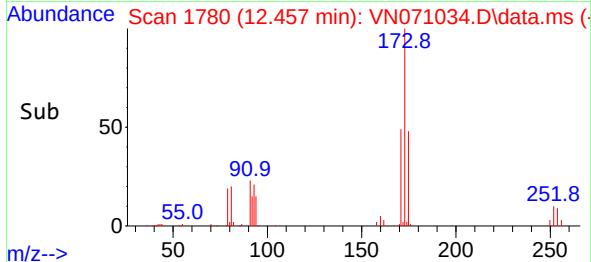
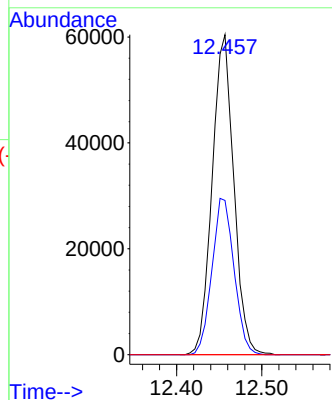
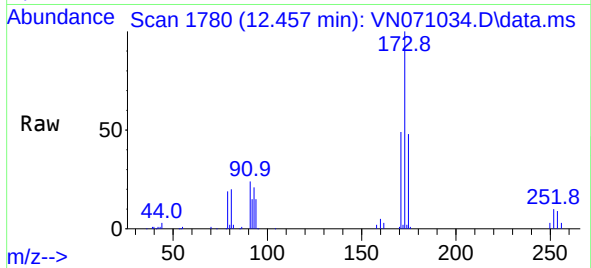
#71
Bromoform
Concen: 18.774 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:173 Resp: 106528
Ion Ratio Lower Upper
173 100
175 50.0 24.2 72.6
254 0.0 0.0 0.0

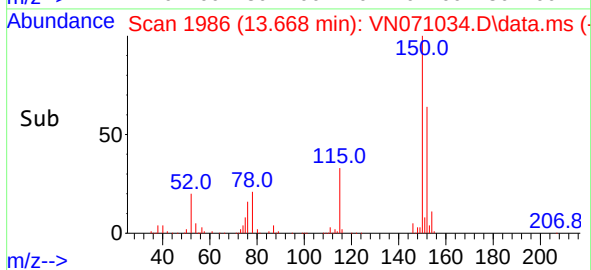
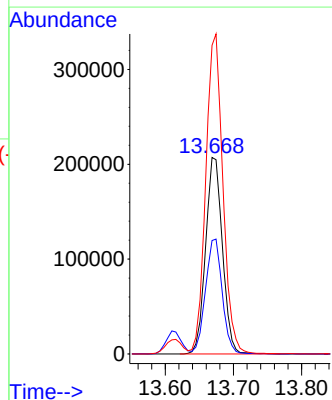
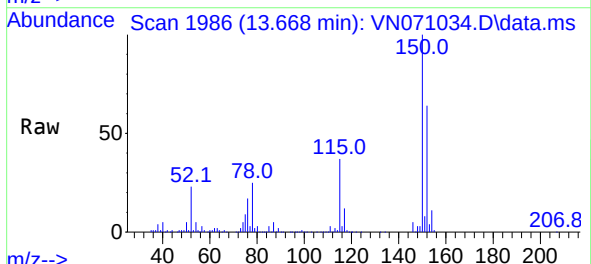
Manual Integrations
APPROVED

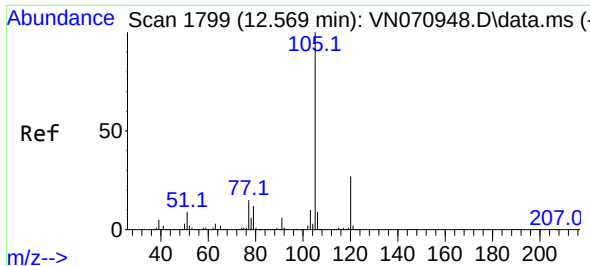
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

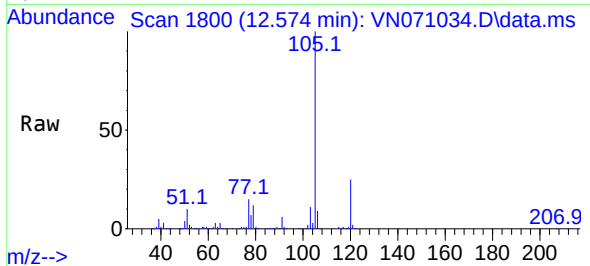
Tgt Ion:152 Resp: 355469
Ion Ratio Lower Upper
152 100
115 58.3 27.5 82.5
150 165.9 0.0 344.4





#73
Isopropylbenzene
Concen: 23.294 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

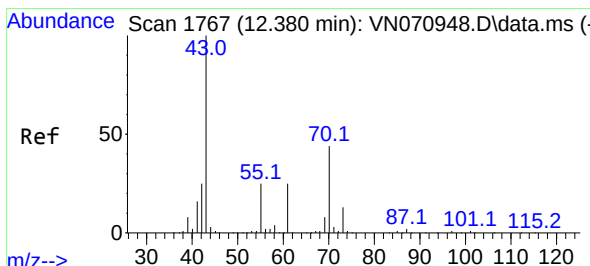
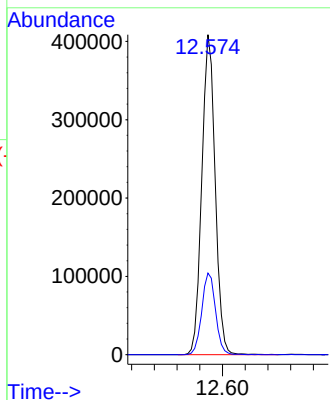
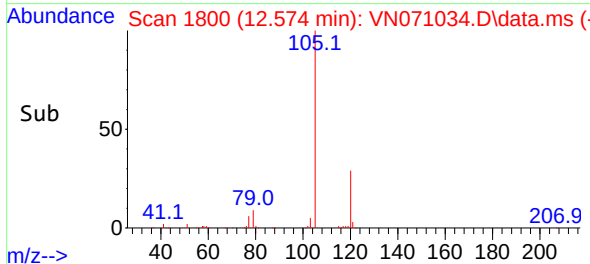
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



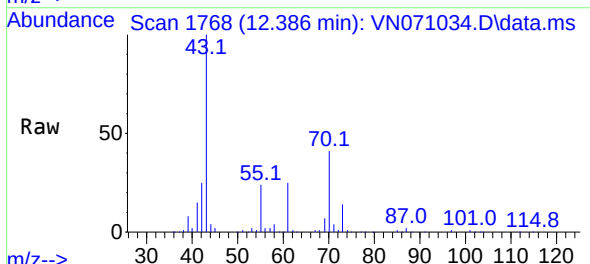
Tgt Ion: 105 Resp: 66649
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

Manual Integrations
APPROVED

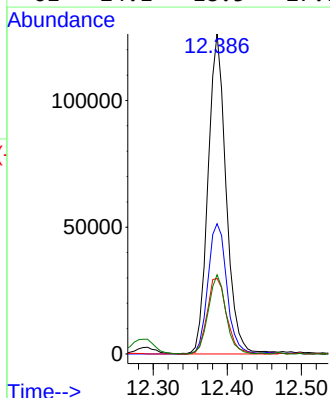
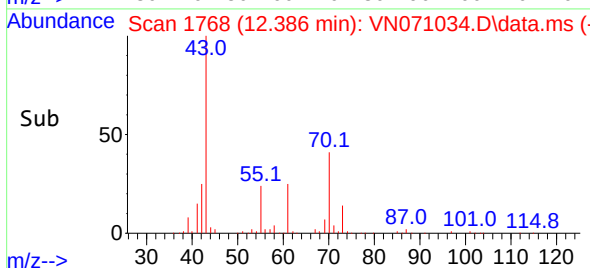
Reviewed By : John Carlone 02/24/2022
Supervised By : Mahesh Dadoda 02/24/2022

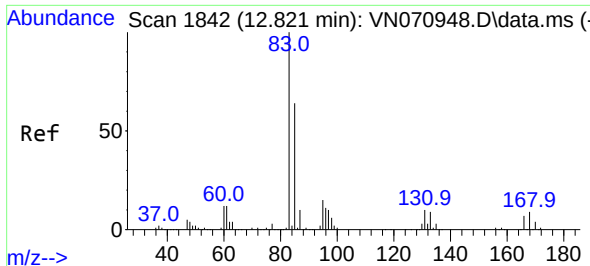


#74
N-ethyl acetate
Concen: 23.394 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



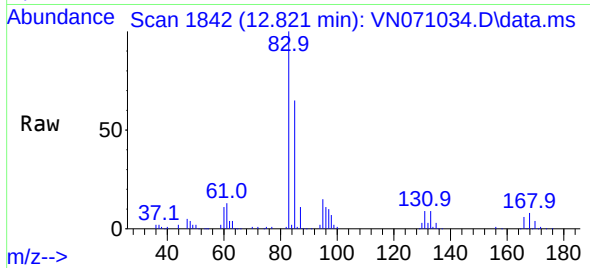
Tgt Ion: 43 Resp: 213959
Ion Ratio Lower Upper
43 100
70 42.4 33.4 50.0
55 25.4 19.3 28.9
61 24.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 23.970 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

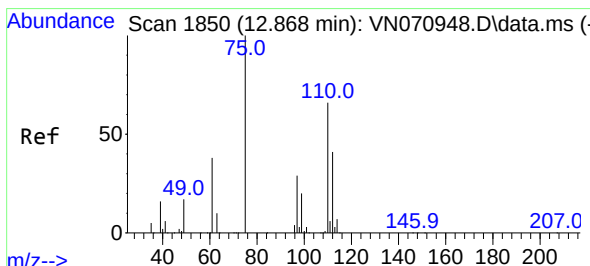
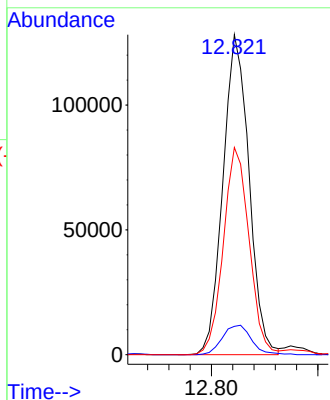
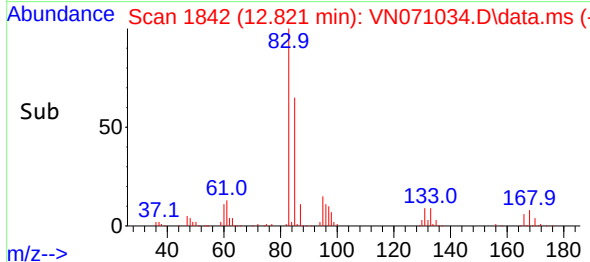
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



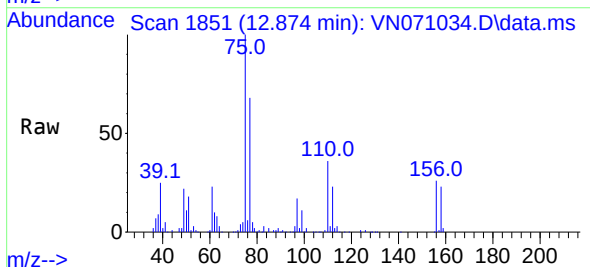
Tgt Ion: 83 Resp: 21794
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

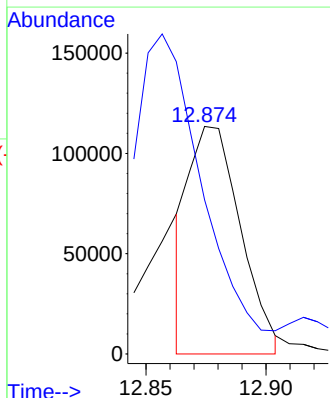
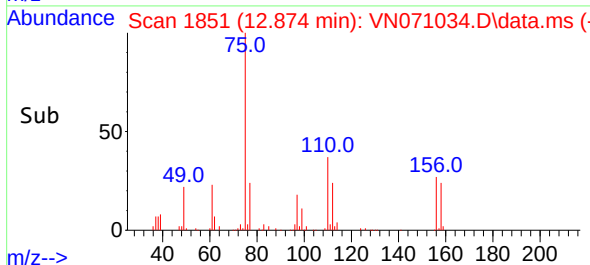
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

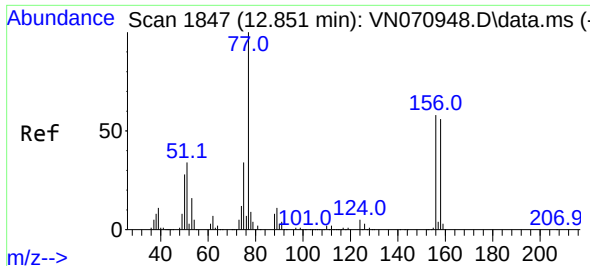


#76
1,2,3-Trichloropropane
Concen: 20.307 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



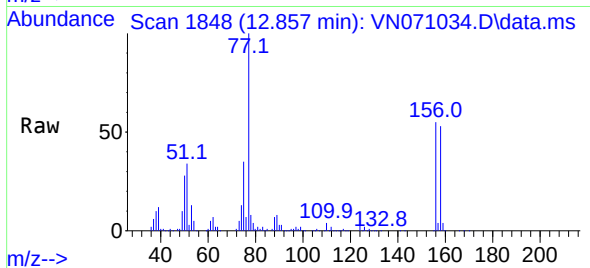
Tgt Ion: 75 Resp: 169962
Ion Ratio Lower Upper
75 100
77 197.1 82.6 247.8





#77
Bromobenzene
Concen: 21.930 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

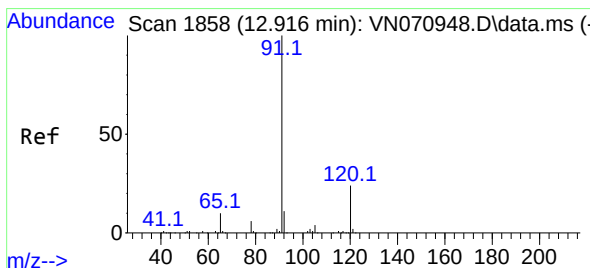
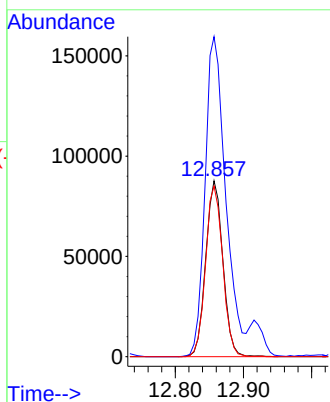
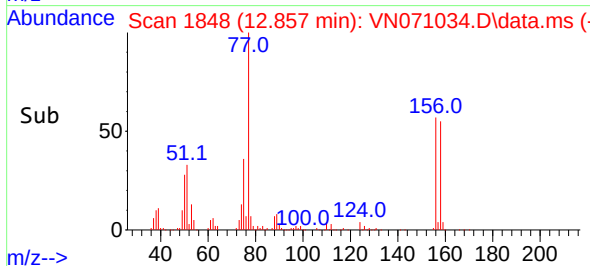
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



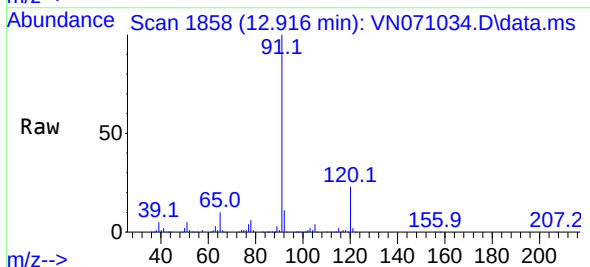
Tgt Ion:156 Resp: 153600
Ion Ratio Lower Upper
156 100
77 218.1 90.6 271.8
158 97.0 48.9 146.7

Manual Integrations
APPROVED

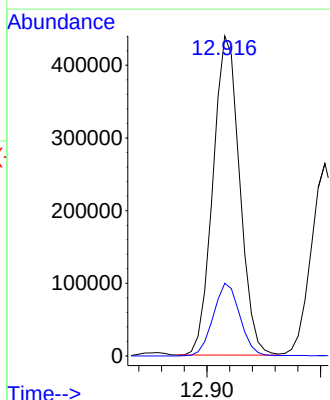
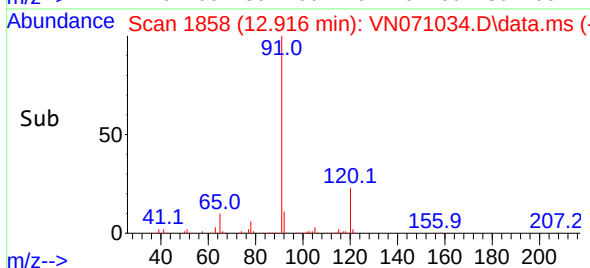
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

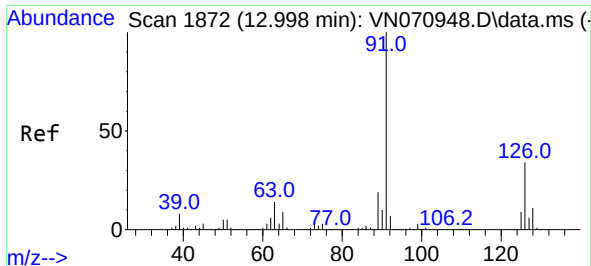


#78
n-propylbenzene
Concen: 22.324 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



Tgt Ion: 91 Resp: 717658
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 22.875 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.006 min

Lab File: VN071034.D

Acq: 23 Feb 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

Tgt Ion: 91 Resp: 44658

Ion Ratio Lower Upper

91 100

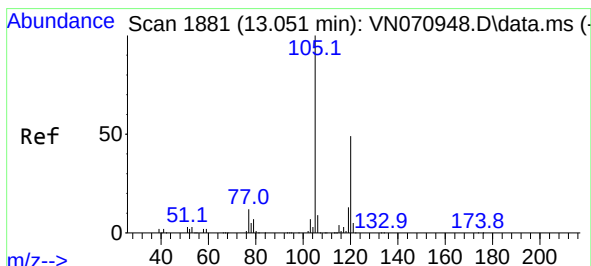
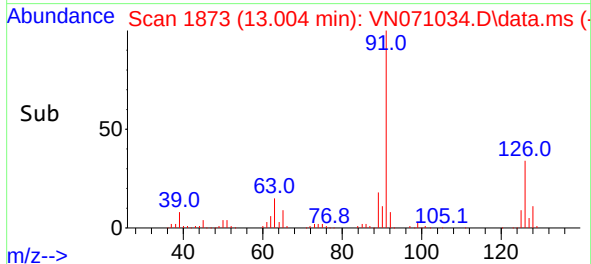
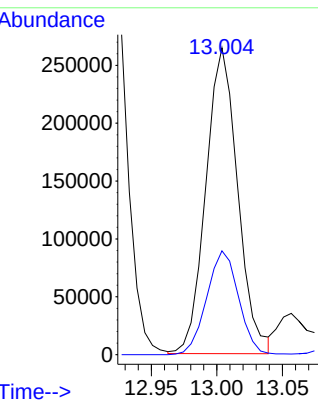
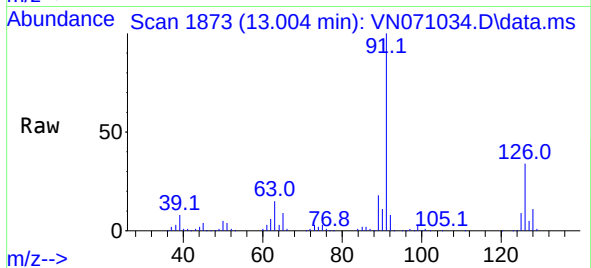
126 34.0 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#80

1,3,5-Trimethylbenzene

Concen: 23.068 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.006 min

Lab File: VN071034.D

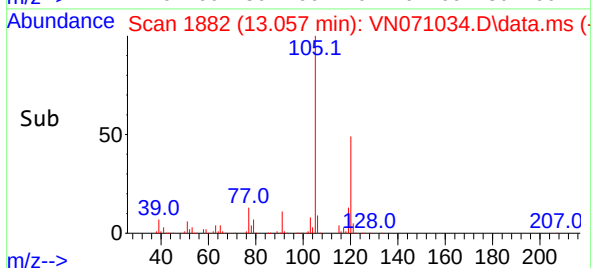
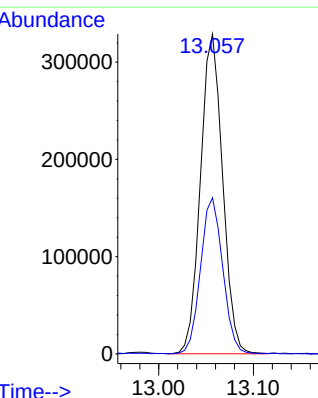
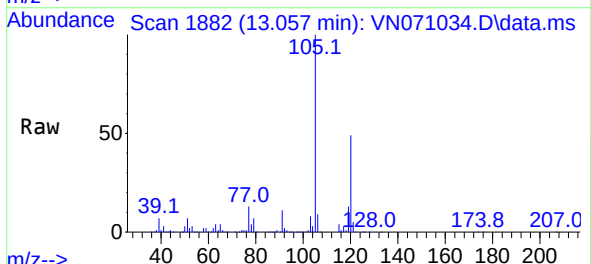
Acq: 23 Feb 2022 15:04

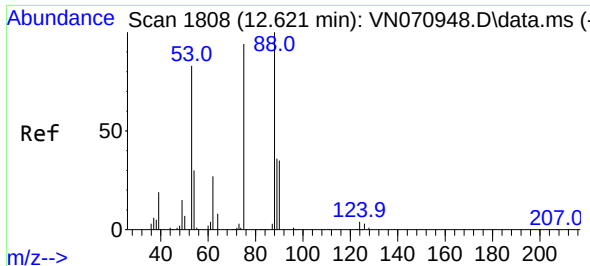
Tgt Ion:105 Resp: 534719

Ion Ratio Lower Upper

105 100

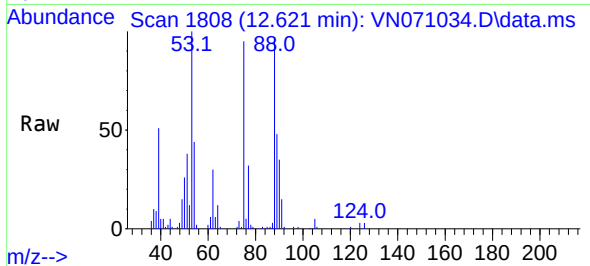
120 48.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.823 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

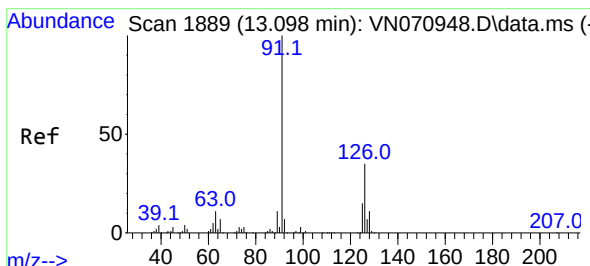
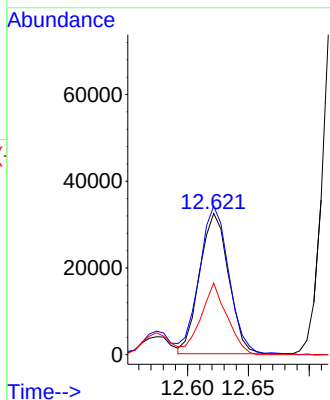
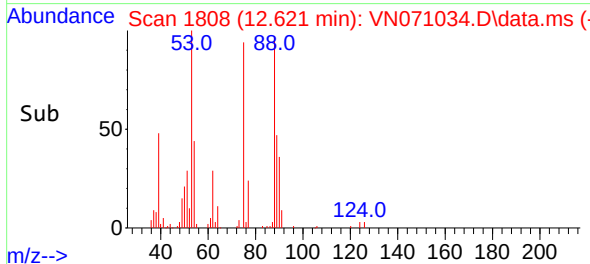
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



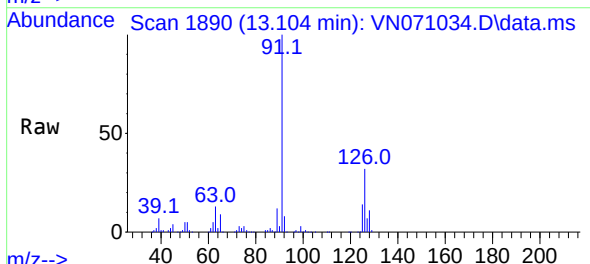
Tgt Ion: 75 Resp: 53782
Ion Ratio Lower Upper
75 100
53 108.5 90.5 135.7
89 46.3 38.2 57.4

Manual Integrations
APPROVED

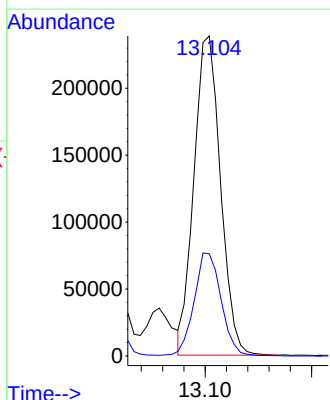
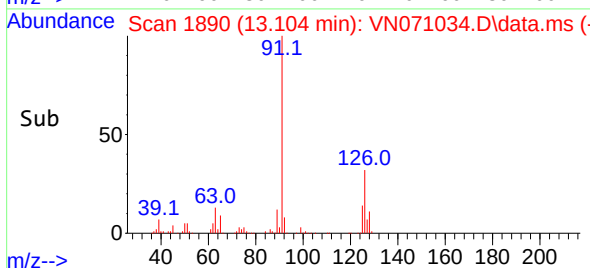
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

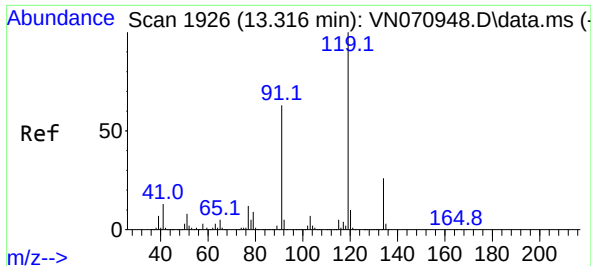


#82
4-Chlorotoluene
Concen: 21.772 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



Tgt Ion: 91 Resp: 412601
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





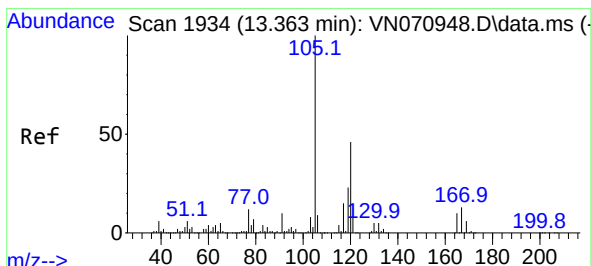
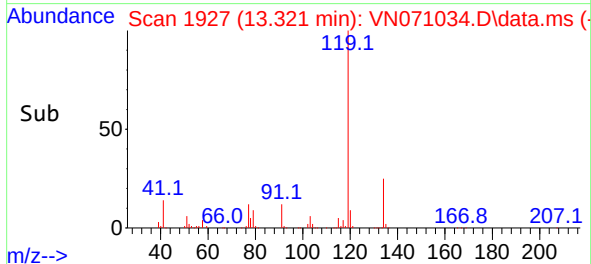
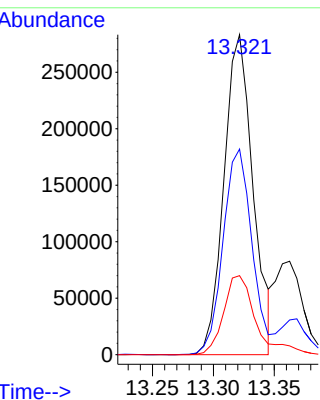
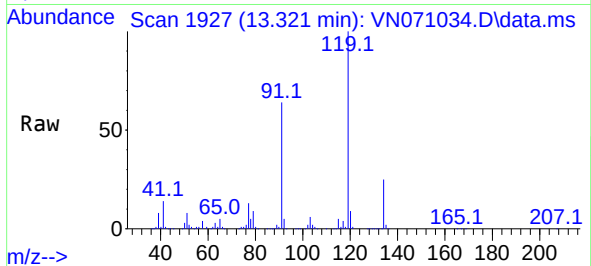
#83
tert-Butylbenzene
Concen: 21.380 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:119 Resp: 470000
Ion Ratio Lower Upper
119 100
91 65.0 31.5 94.5
134 27.5 12.4 37.4

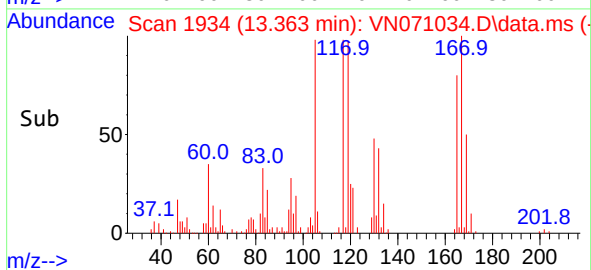
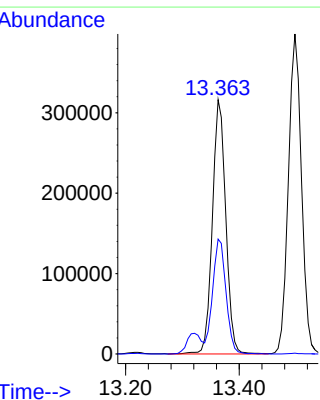
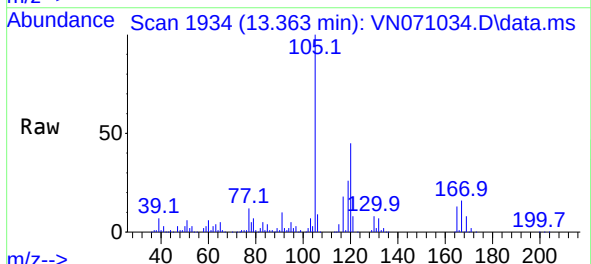
Manual Integrations
APPROVED

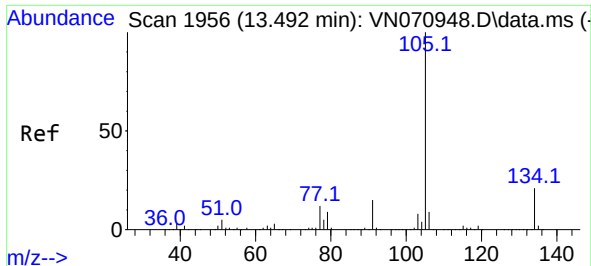
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 22.767 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

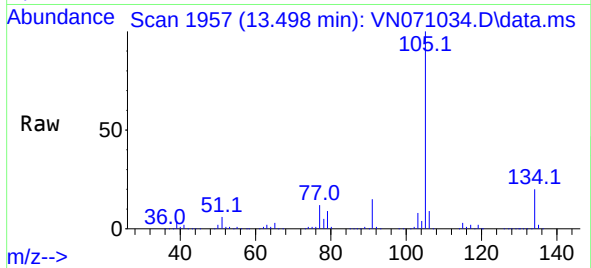
Tgt Ion:105 Resp: 519495
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 21.912 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VN071034.D
 Acq: 23 Feb 2022 15:04

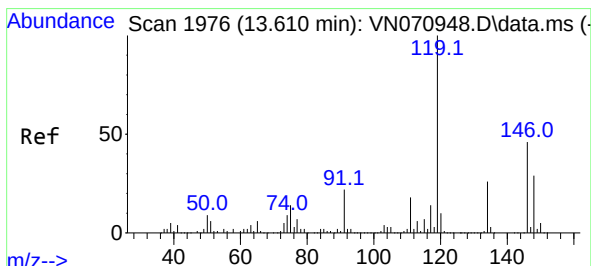
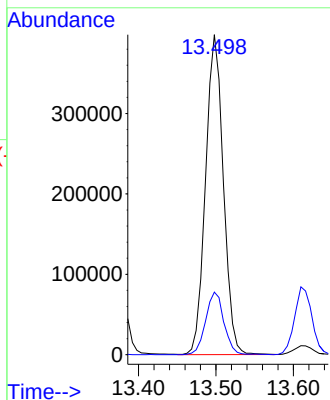
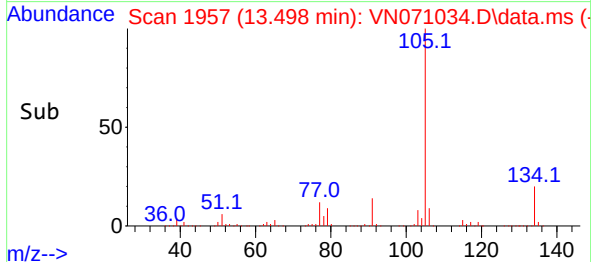
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01



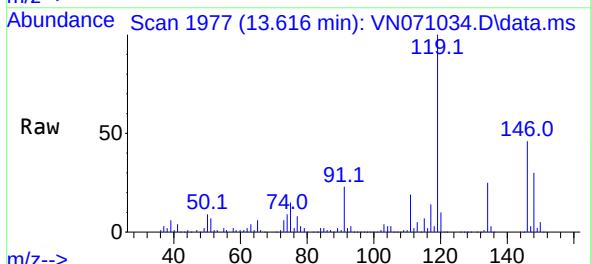
Tgt Ion:105 Resp: 63471
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

Manual Integrations
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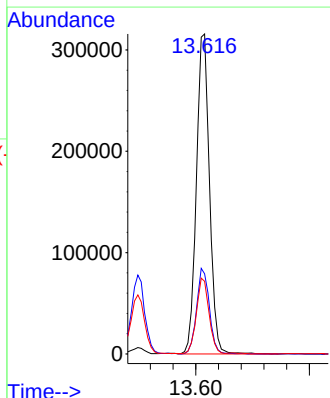
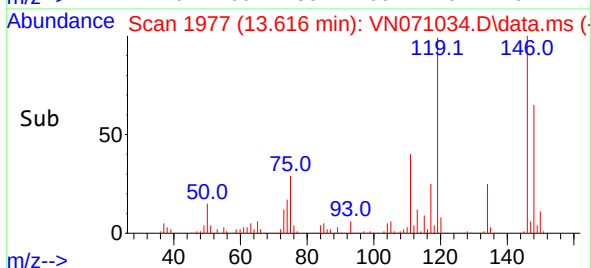
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

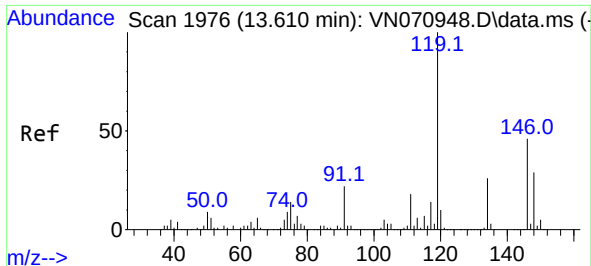


#86
 p-Isopropyltoluene
 Concen: 21.299 ug/l
 RT: 13.616 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN071034.D
 Acq: 23 Feb 2022 15:04



Tgt Ion:119 Resp: 506489
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 20.324 ug/l

RT: 13.616 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VN071034.D

Acq: 23 Feb 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

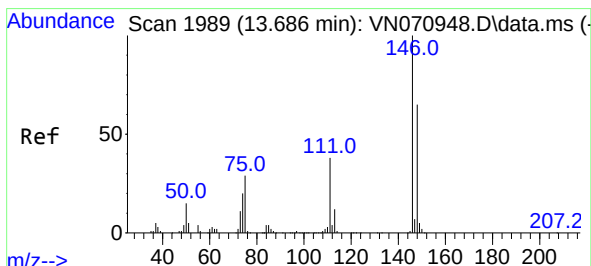
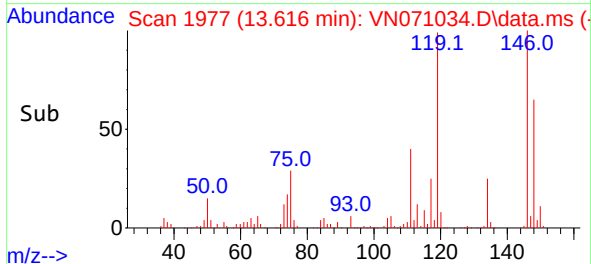
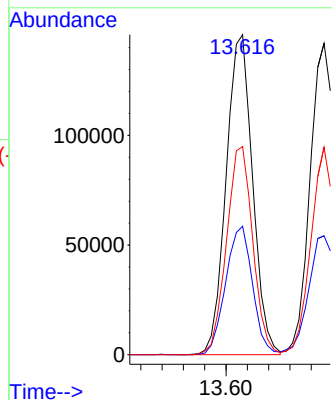
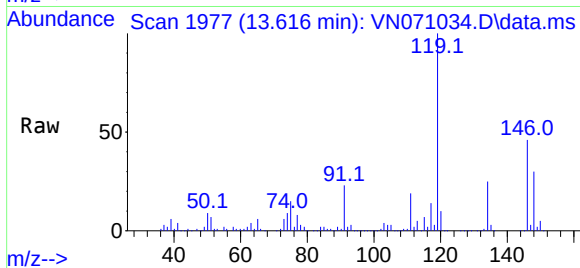
Tgt Ion:146 Resp: 251998
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.6 55.6
 148 64.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#88

1,4-Dichlorobenzene

Concen: 20.186 ug/l

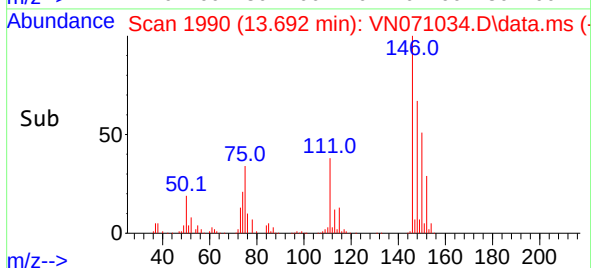
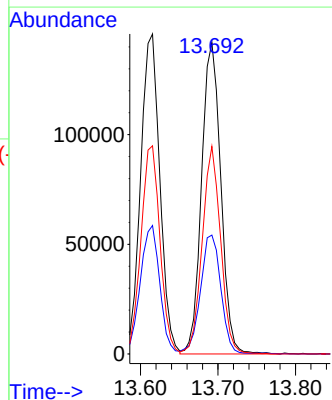
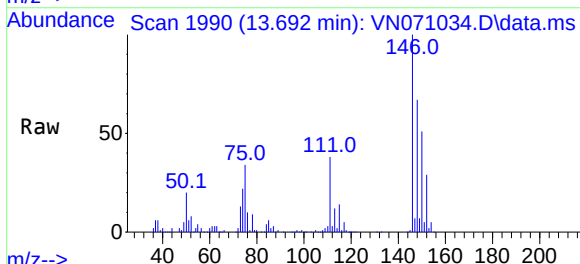
RT: 13.692 min Scan# 1990

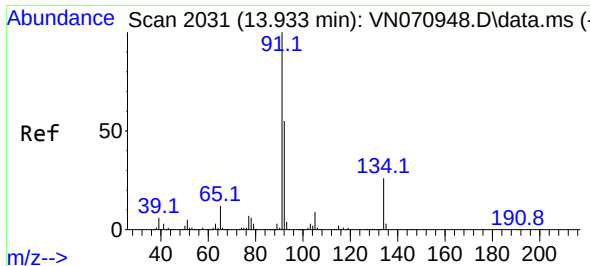
Delta R.T. 0.006 min

Lab File: VN071034.D

Acq: 23 Feb 2022 15:04

Tgt Ion:146 Resp: 245229
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.3 54.8
 148 63.8 31.8 95.4





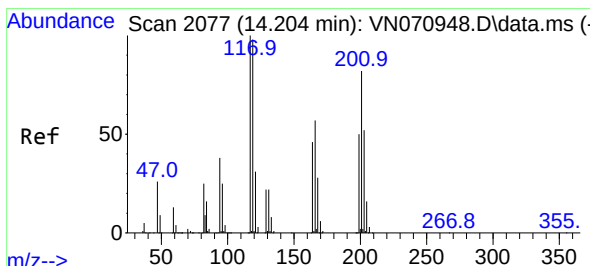
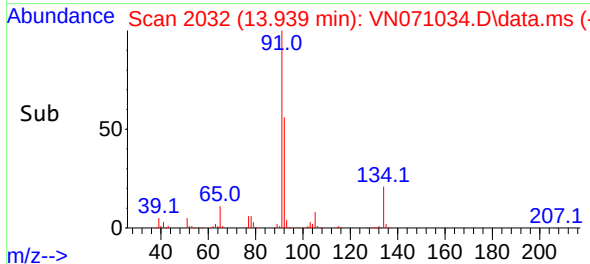
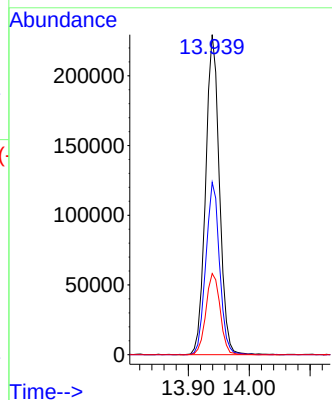
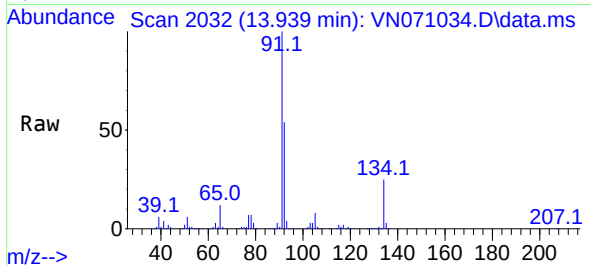
#89
n-Butylbenzene
Concen: 18.619 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 91 Resp: 361220
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 26.1 13.6 40.8

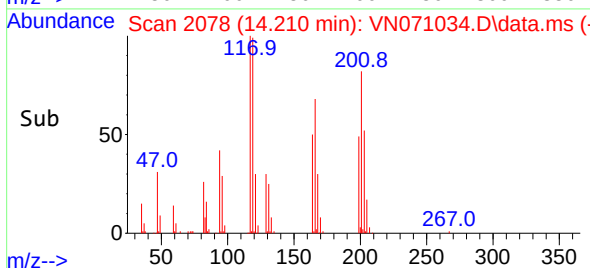
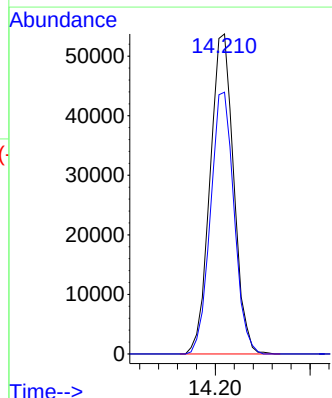
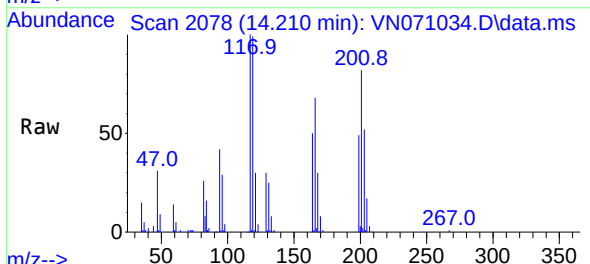
Manual Integrations
APPROVED

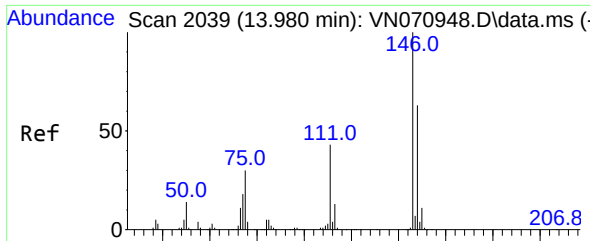
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
Hexachloroethane
Concen: 21.995 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

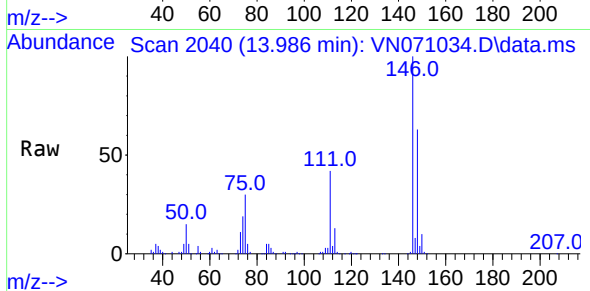
Tgt Ion:117 Resp: 93406
Ion Ratio Lower Upper
117 100
201 81.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.244 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

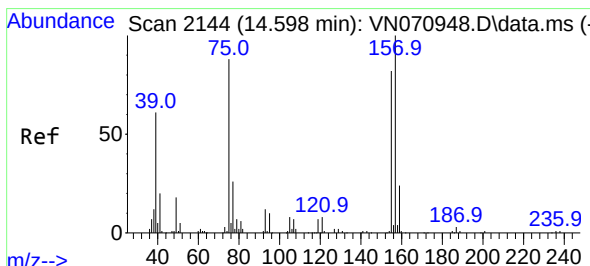
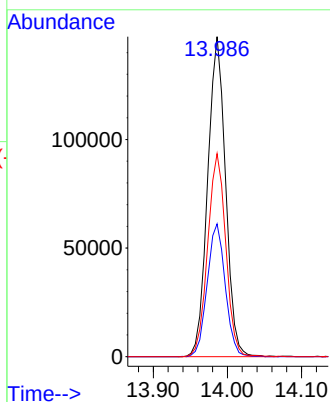
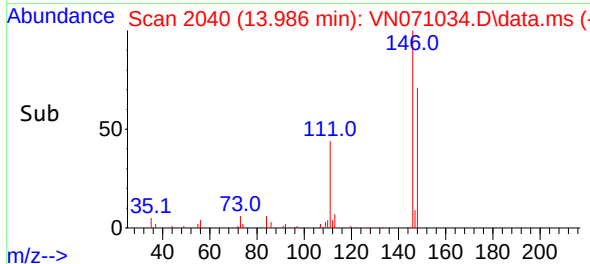
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



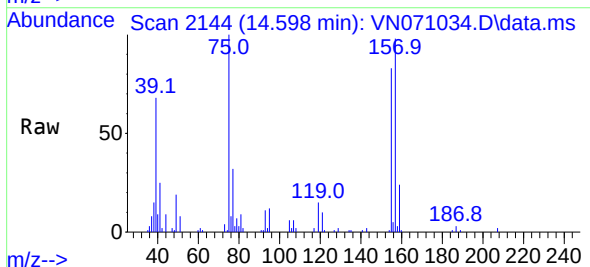
Tgt Ion:146 Resp: 24734
Ion Ratio Lower Upper
146 100
111 41.9 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
APPROVED

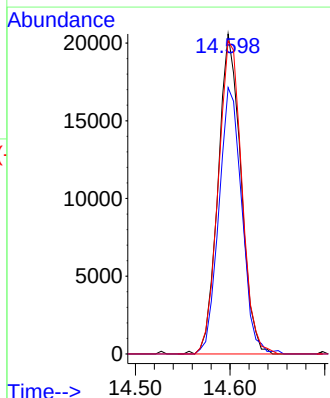
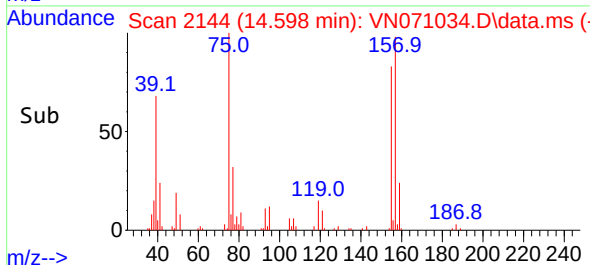
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

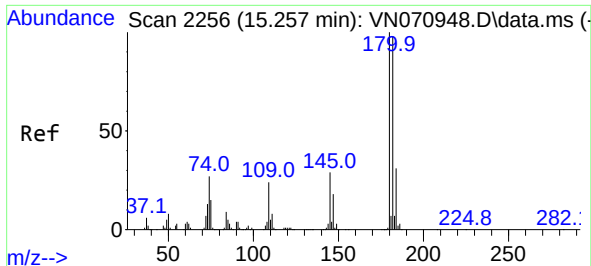


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.373 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04



Tgt Ion: 75 Resp: 34431
Ion Ratio Lower Upper
75 100
155 83.8 46.9 140.7
157 101.2 60.6 181.7





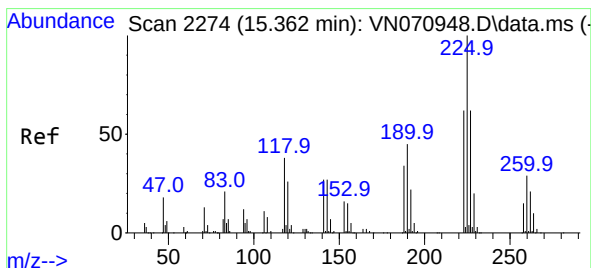
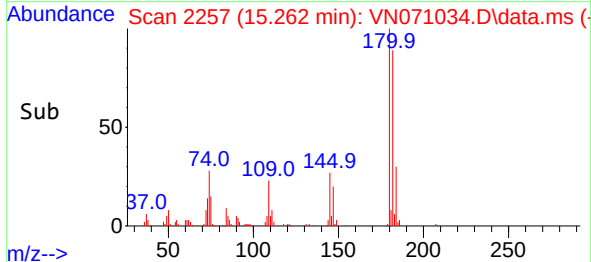
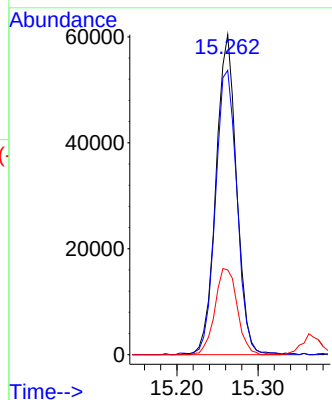
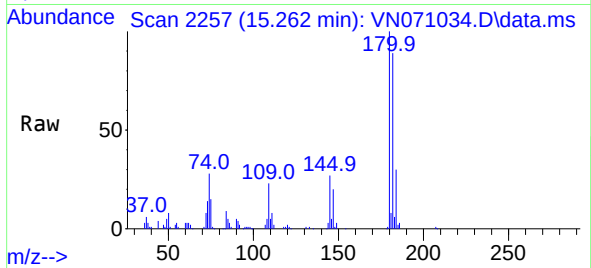
#93
1,2,4-Trichlorobenzene
Concen: 17.647 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:180 Resp: 106674
Ion Ratio Lower Upper
180 100
182 92.9 48.3 144.9
145 29.1 14.5 43.5

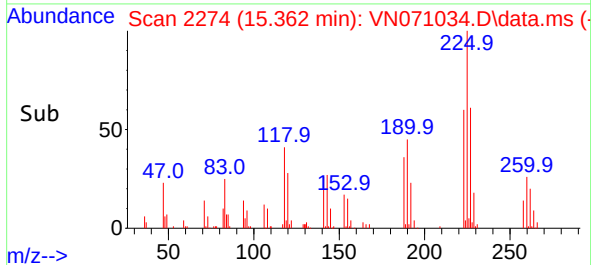
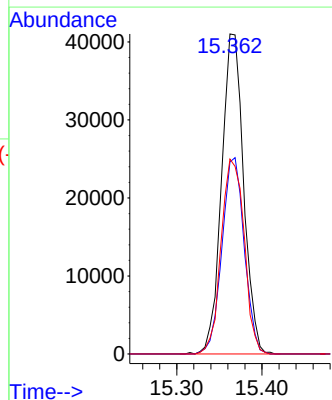
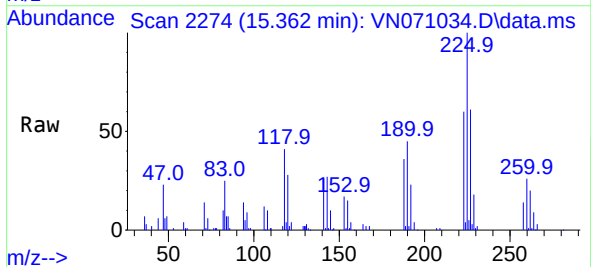
Manual Integrations
APPROVED

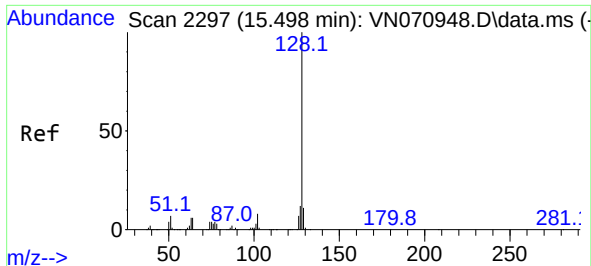
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#94
Hexachlorobutadiene
Concen: 17.371 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Tgt Ion:225 Resp: 73755
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.7
227 63.6 32.1 96.3





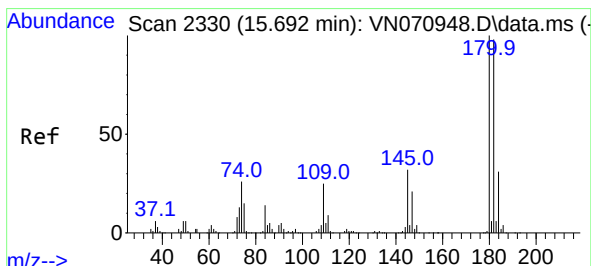
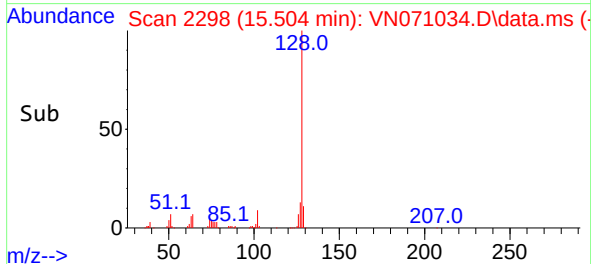
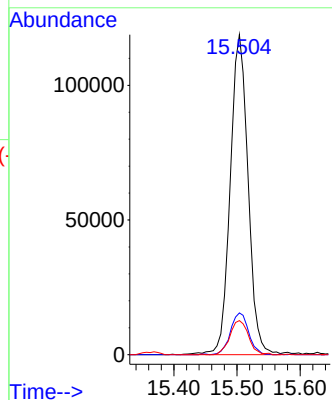
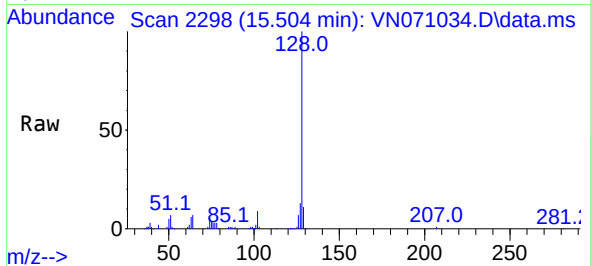
#95
Naphthalene
Concen: 18.203 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:128 Resp: 23326
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.222 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071034.D
Acq: 23 Feb 2022 15:04

Tgt Ion:180 Resp: 99776
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 31.5 15.0 45.1

