

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071676.D
 Acq On : 30 Mar 2022 22:56
 Operator : JC\MD
 Sample : VN0330WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBS02

Quant Time: Mar 31 01:38:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	591346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	939451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	827035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	316630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	344881	51.087	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.180%			
35) Dibromofluoromethane	8.016	113	286037	51.742	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.480%			
50) Toluene-d8	10.439	98	1157398	51.180	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.360%			
62) 4-Bromofluorobenzene	12.727	95	353714	48.362	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	93841	19.961	ug/l	95
3) Chloromethane	2.299	50	112700	18.918	ug/l	99
4) Vinyl Chloride	2.440	62	124511	19.032	ug/l	97
5) Bromomethane	2.852	94	84568	19.885	ug/l	97
6) Chloroethane	3.016	64	86112	18.297	ug/l	95
7) Trichlorofluoromethane	3.375	101	156747	18.832	ug/l	99
8) Diethyl Ether	3.828	74	67876	19.296	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	98754	19.253	ug/l	99
10) Methyl Iodide	4.422	142	131418	18.329	ug/l	99
11) Tert butyl alcohol	5.357	59	114723	104.716	ug/l	99
12) 1,1-Dichloroethene	4.187	96	93961	19.250	ug/l	91
13) Acrolein	4.034	56	129953	97.283	ug/l	97
14) Allyl chloride	4.840	41	147744	18.649	ug/l	97
15) Acrylonitrile	5.551	53	338383	106.262	ug/l	99
16) Acetone	4.281	43	260958	90.450	ug/l	94
17) Carbon Disulfide	4.534	76	194308	17.350	ug/l	99
18) Methyl Acetate	4.851	43	146799	19.628	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	356528	19.662	ug/l	99
20) Methylene Chloride	5.098	84	114439	18.819	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	99585	18.585	ug/l	98
22) Diisopropyl ether	6.492	45	342577	19.863	ug/l	98
23) Vinyl Acetate	6.428	43	1422861	103.745	ug/l	98
24) 1,1-Dichloroethane	6.387	63	198013	19.557	ug/l	100
25) 2-Butanone	7.328	43	427270	102.728	ug/l	97
26) 2,2-Dichloropropane	7.322	77	153589	17.658	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	127155	19.352	ug/l	98
28) Bromochloromethane	7.651	49	77026	18.859	ug/l	97
29) Tetrahydrofuran	7.681	42	290397	107.828	ug/l	99
30) Chloroform	7.816	83	206577	19.323	ug/l	99
31) Cyclohexane	8.092	56	170207	18.539	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	173838	19.007	ug/l	98
36) 1,1-Dichloropropene	8.216	75	142095	18.407	ug/l	100
37) Ethyl Acetate	7.410	43	175160	20.730	ug/l	100
38) Carbon Tetrachloride	8.204	117	144073	19.043	ug/l	96
39) Methylcyclohexane	9.457	83	169382	18.432	ug/l	98
40) Benzene	8.457	78	468457	19.210	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	88249	21.330	ug/l	93
42) 1,2-Dichloroethane	8.528	62	162824	19.301	ug/l	99
43) Isopropyl Acetate	8.557	43	259779	18.484	ug/l	99
44) Trichloroethene	9.210	130	120232	19.137	ug/l	99
45) 1,2-Dichloropropane	9.486	63	117570	19.298	ug/l	99
46) Dibromomethane	9.575	93	79775	19.286	ug/l	98
47) Bromodichloromethane	9.757	83	159663	19.609	ug/l	97
48) Methyl methacrylate	9.557	41	111266	19.082	ug/l	94
49) 1,4-Dioxane	9.563	88	53681	379.492	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	854124	105.703	ug/l	100
52) Toluene	10.504	92	299168	19.407	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	163886	19.205	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	180156	19.107	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	123841	19.520	ug/l	99
56) Ethyl methacrylate	10.757	69	183013	20.221	ug/l	99
57) 1,3-Dichloropropane	11.039	76	208238	19.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	194323	81.974	ug/l	99
59) 2-Hexanone	11.080	43	606927	106.683	ug/l	99
60) Dibromochloromethane	11.233	129	123354	19.940	ug/l	99
61) 1,2-Dibromoethane	11.339	107	123046	19.703	ug/l	99
64) Tetrachloroethene	10.975	164	106571	19.514	ug/l	96
65) Chlorobenzene	11.769	112	319309	19.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	119271	19.959	ug/l	99
67) Ethyl Benzene	11.839	91	550582	19.640	ug/l	99
68) m/p-Xylenes	11.951	106	426431	39.589	ug/l	99
69) o-Xylene	12.274	106	214094	20.025	ug/l	100
70) Styrene	12.292	104	328194	20.260	ug/l	99
71) Bromoform	12.451	173	92560	20.340	ug/l #	99
73) Isopropylbenzene	12.574	105	540964	20.275	ug/l	100
74) N-amyl acetate	12.386	43	156489	20.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	186388	20.937	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	138658m	18.904	ug/l	
77) Bromobenzene	12.857	156	128771	19.252	ug/l	99
78) n-propylbenzene	12.916	91	567118	20.206	ug/l	100
79) 2-Chlorotoluene	13.004	91	362196	20.123	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	431019	20.389	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	46983	19.850	ug/l	99
82) 4-Chlorotoluene	13.098	91	329768	19.765	ug/l	99
83) tert-Butylbenzene	13.316	119	386042	19.977	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	422584	20.488	ug/l	100
85) sec-Butylbenzene	13.498	105	506968	20.238	ug/l	99
86) p-Isopropyltoluene	13.610	119	404527	20.253	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	207820	19.503	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	202390	19.468	ug/l	99
89) n-Butylbenzene	13.939	91	273993	18.495	ug/l	100
90) Hexachloroethane	14.204	117	74940	20.496	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	208952	19.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30341	21.972	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	84259	18.109	ug/l	97
94) Hexachlorobutadiene	15.363	225	55974	18.142	ug/l	100
95) Naphthalene	15.504	128	210997	17.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	84397	18.869	ug/l	100

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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

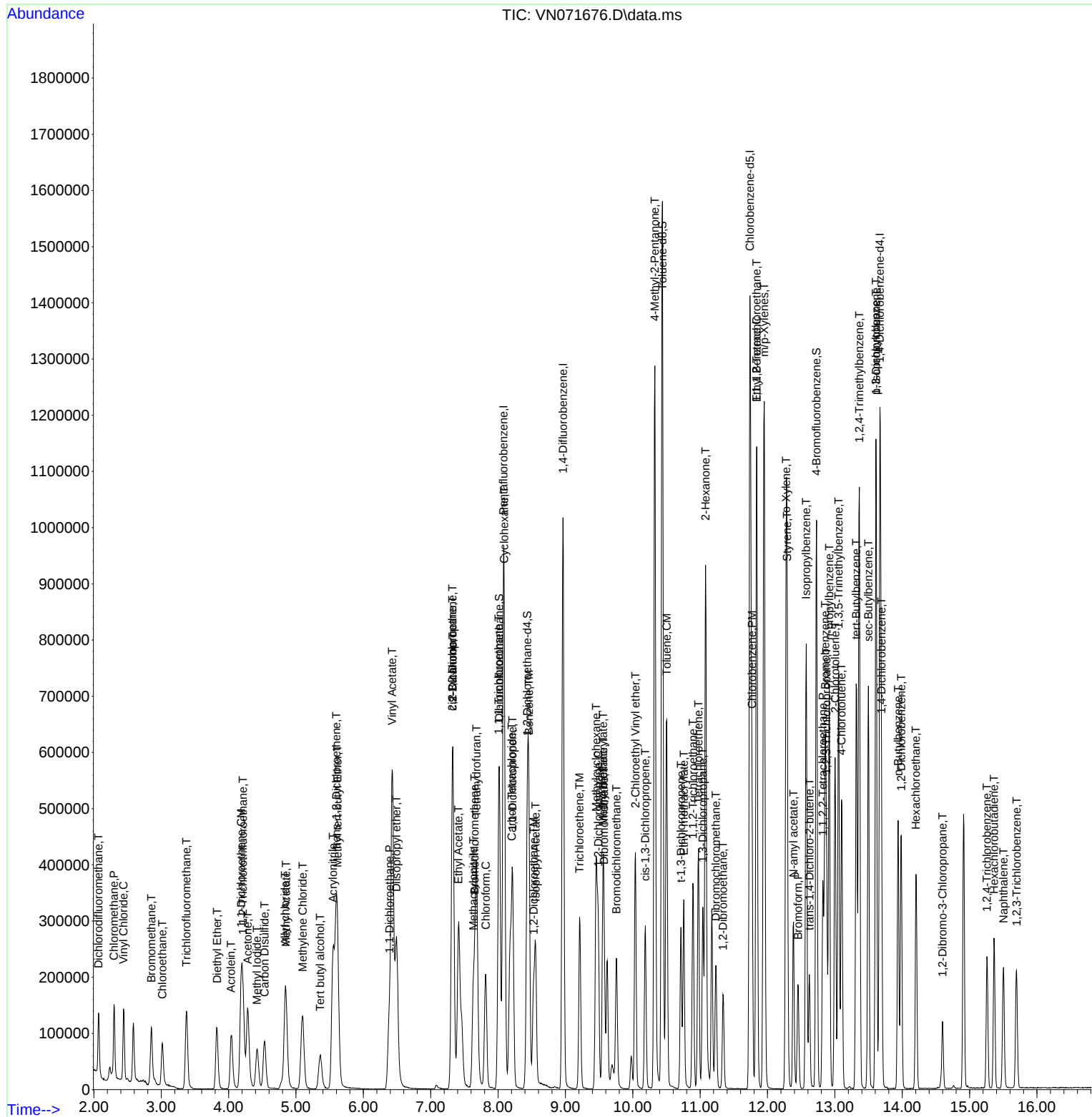
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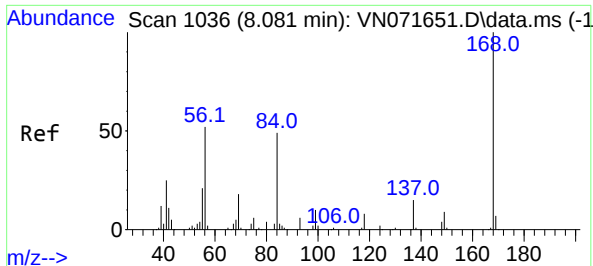
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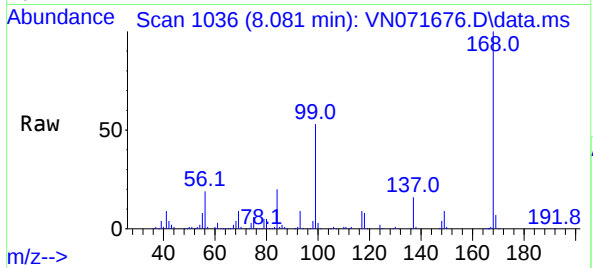
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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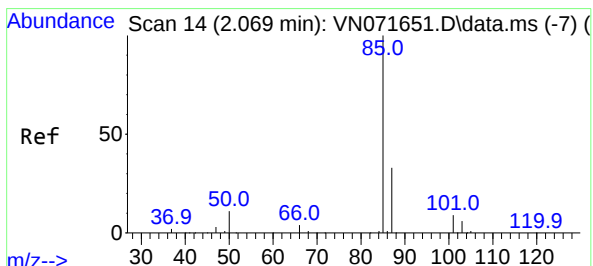
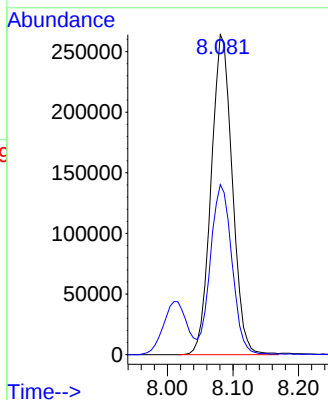
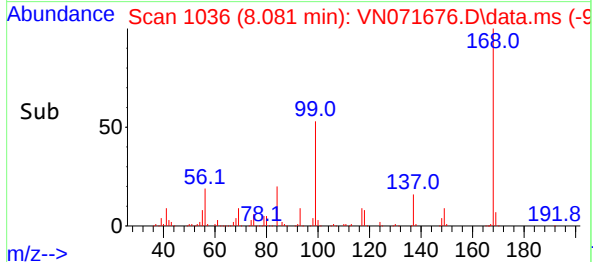
Instrument :
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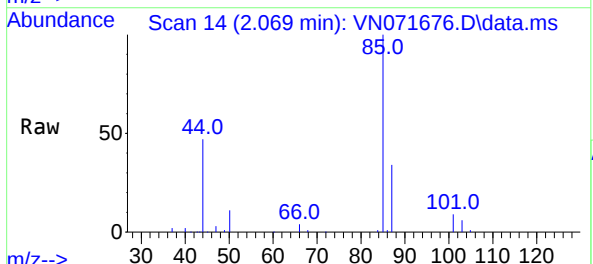
Tgt Ion:168 Resp: 591340
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5

Manual Integrations
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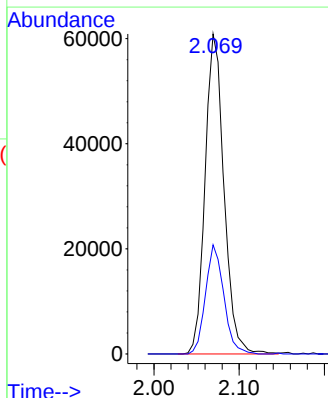
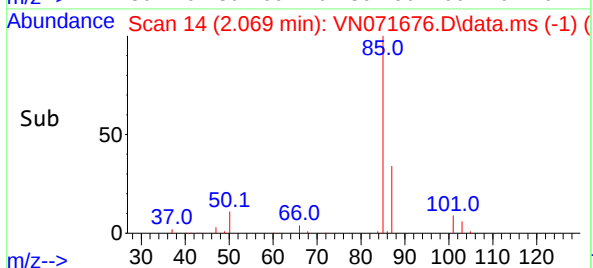
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

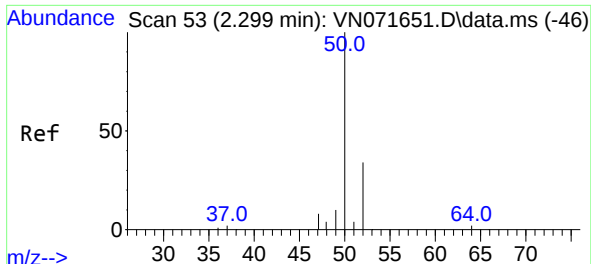


#2
Dichlorodifluoromethane
Concen: 19.961 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071676.D
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Tgt Ion: 85 Resp: 93841
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.1





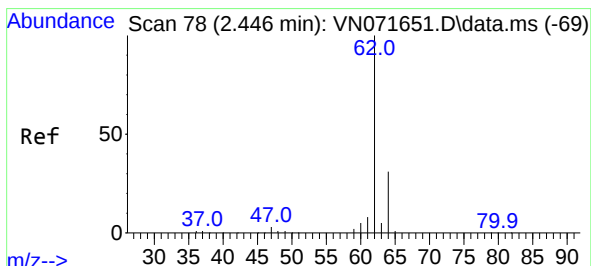
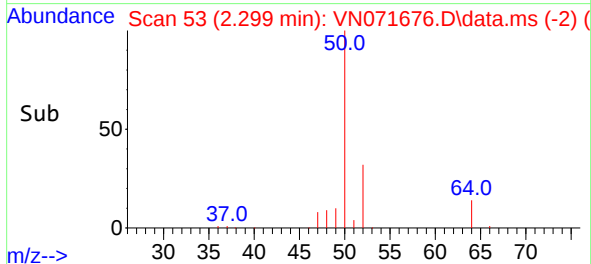
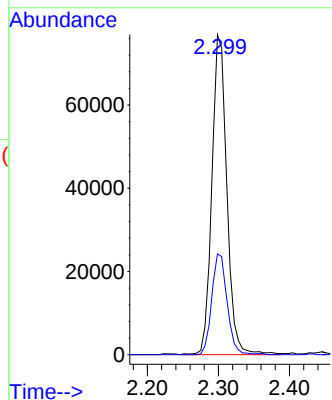
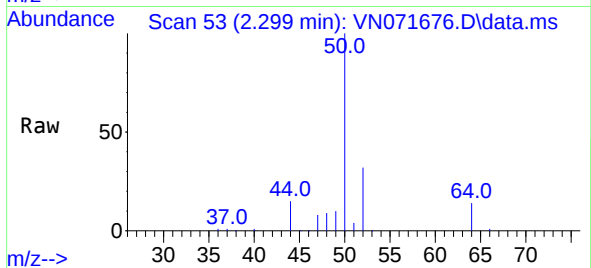
#3
Chloromethane
Concen: 18.918 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071676.D
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Tgt Ion: 50 Resp: 112700
Ion Ratio Lower Upper
50 100
52 31.5 25.7 38.5

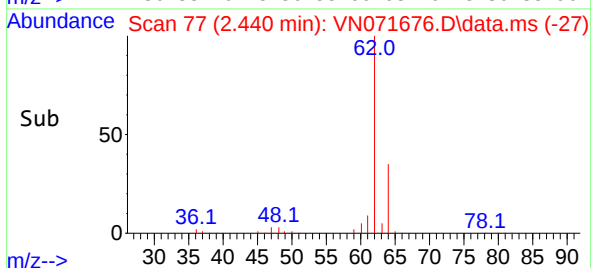
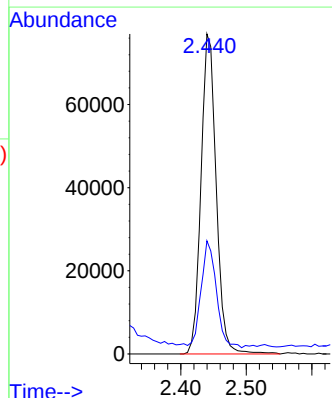
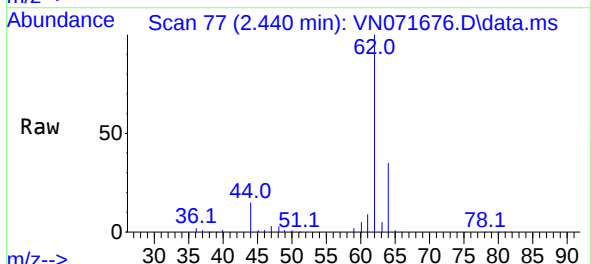
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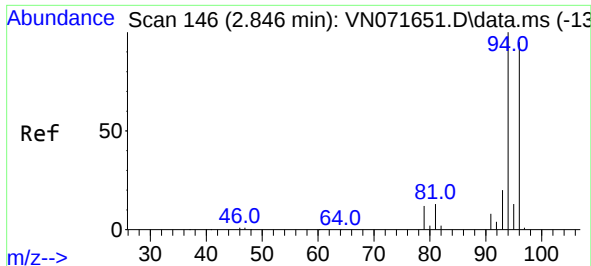
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#4
Vinyl Chloride
Concen: 19.032 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

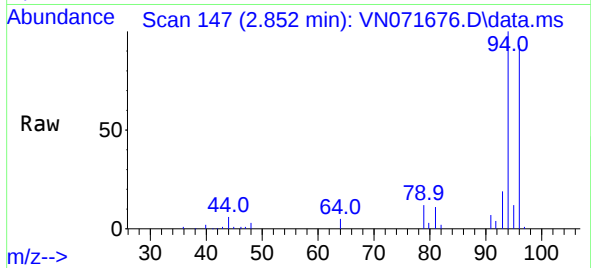
Tgt Ion: 62 Resp: 124511
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.4





#5
Bromomethane
Concen: 19.885 ug/l
RT: 2.852 min Scan# 146
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

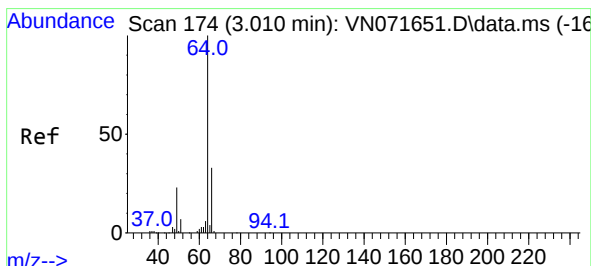
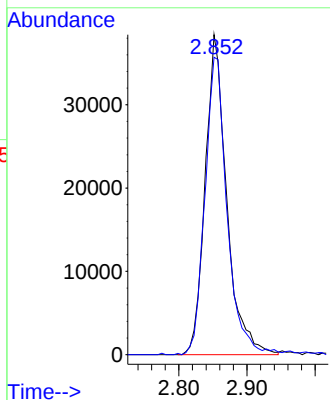
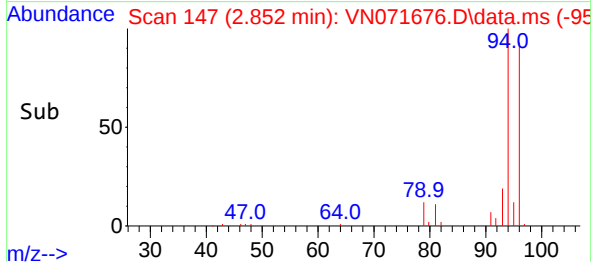
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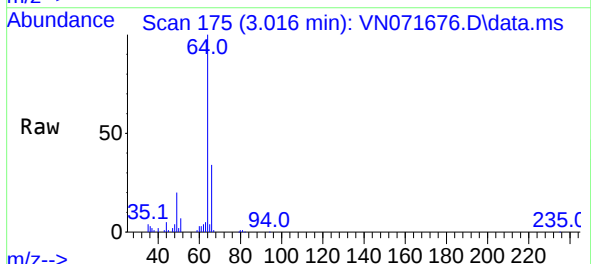
Tgt Ion: 94 Resp: 84568
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0

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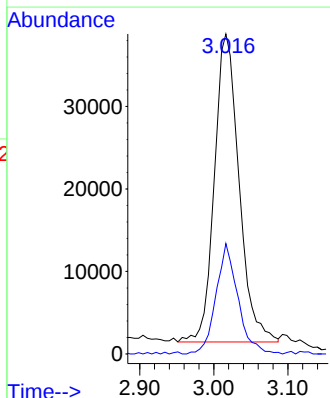
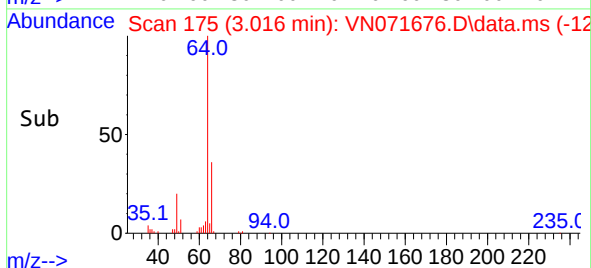
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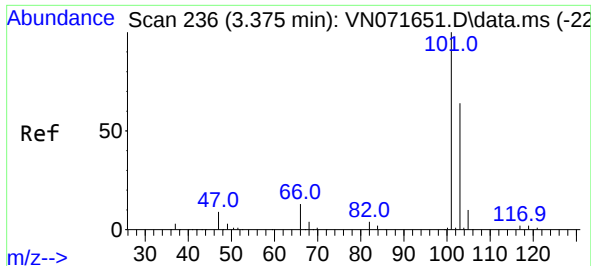


#6
Chloroethane
Concen: 18.297 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071676.D
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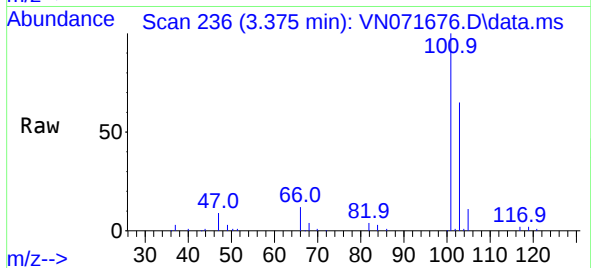
Tgt Ion: 64 Resp: 86112
Ion Ratio Lower Upper
64 100
66 35.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 18.832 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

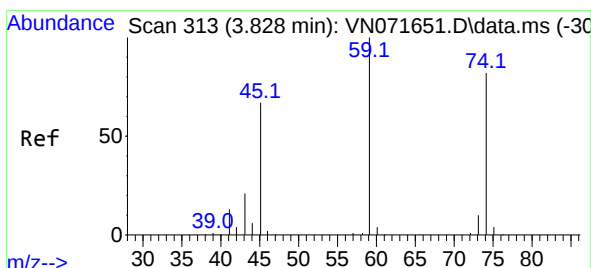
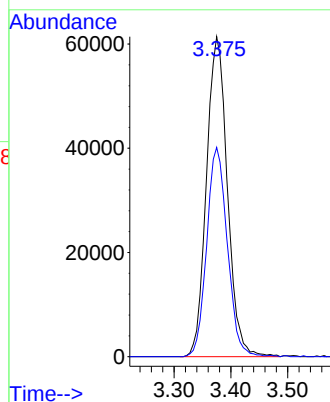
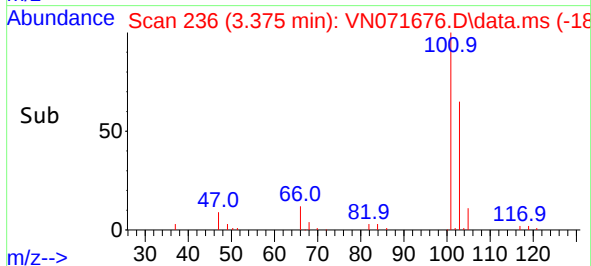
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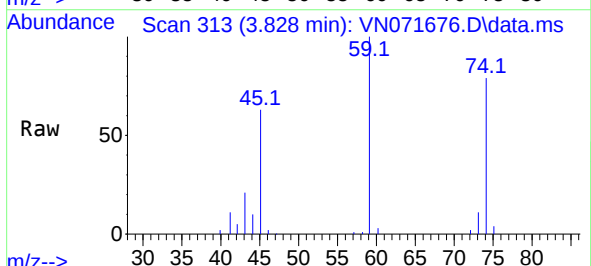
Tgt Ion:101 Resp: 15674
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

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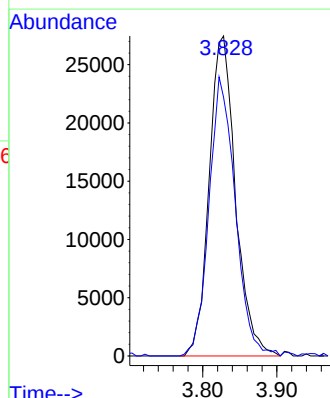
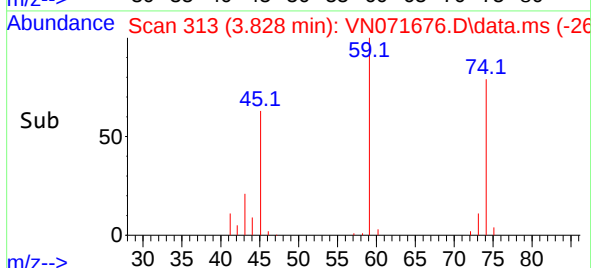
Reviewed By :John Carlone 03/31/2022
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#8
Diethyl Ether
Concen: 19.296 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
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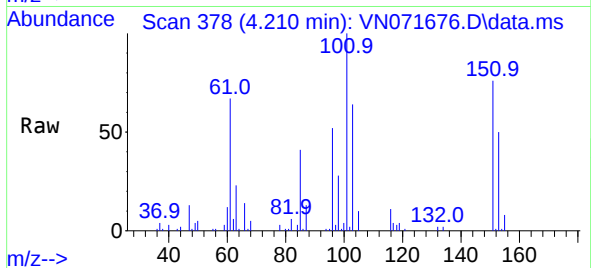
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Ion Ratio Lower Upper
74 100
45 86.7 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.253 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

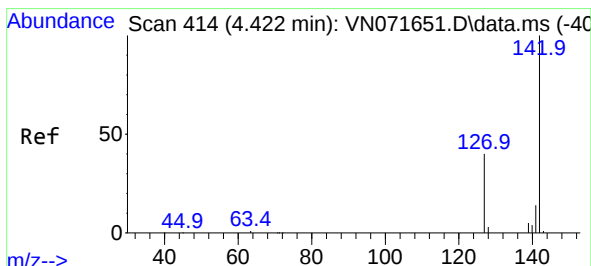
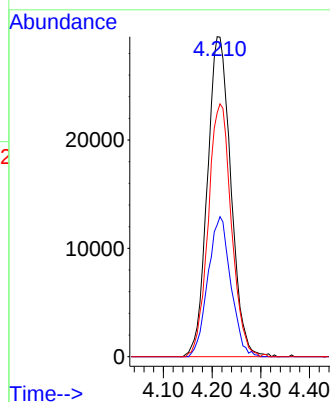
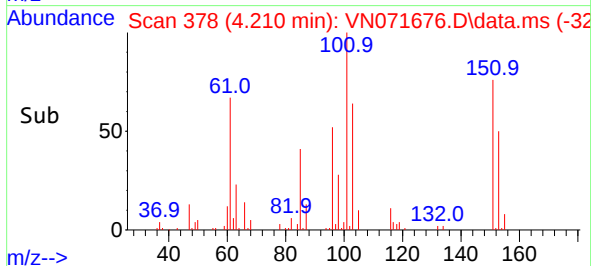
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



Tgt Ion:101 Resp: 98754
Ion Ratio Lower Upper
101 100
85 42.6 34.7 52.1
151 77.9 63.0 94.4

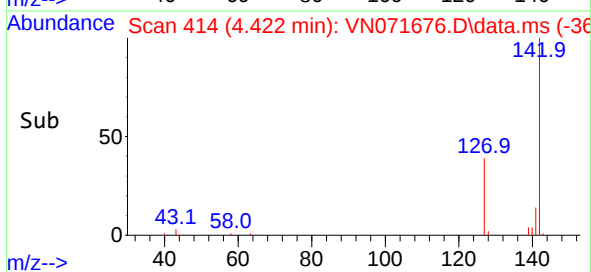
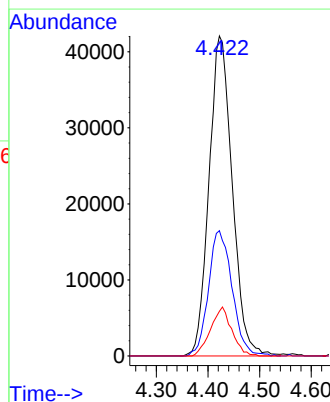
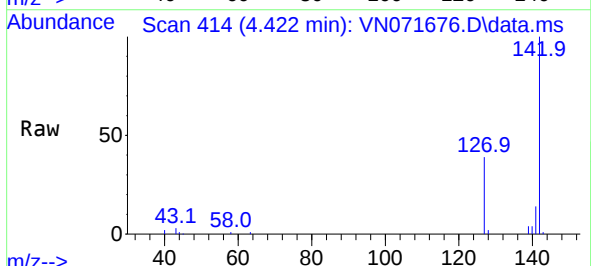
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 18.329 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

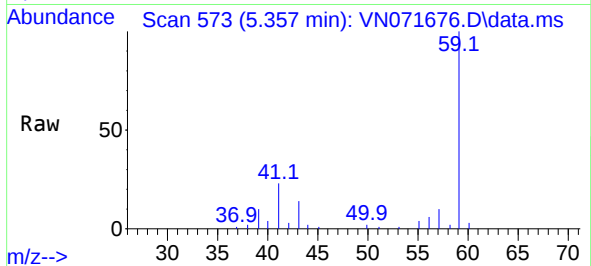
Tgt Ion:142 Resp: 131418
Ion Ratio Lower Upper
142 100
127 39.9 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 104.716 ug/l
RT: 5.357 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

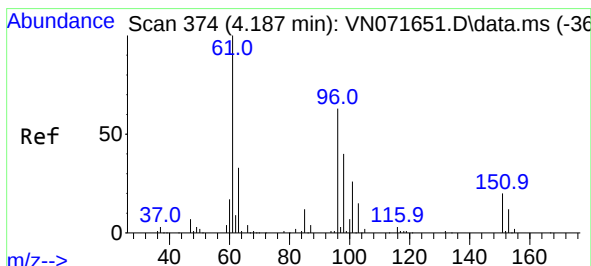
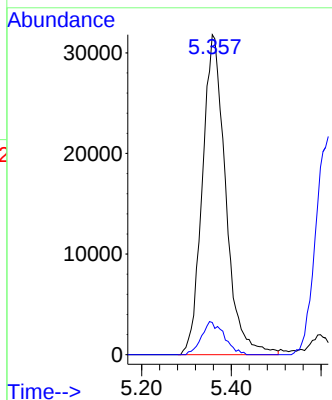
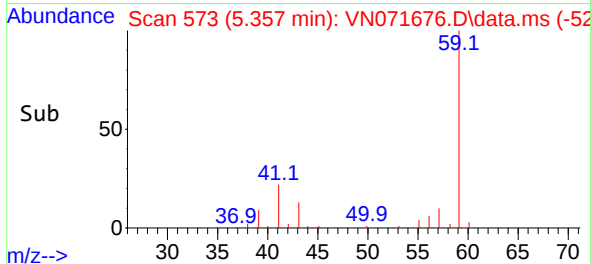
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



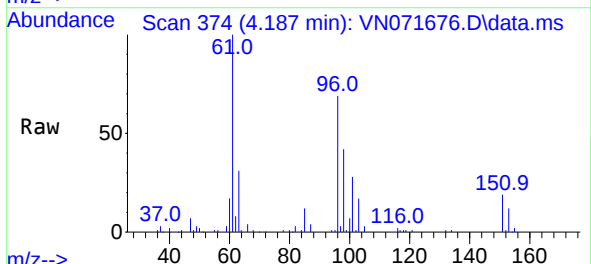
Tgt Ion: 59 Resp: 11472
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

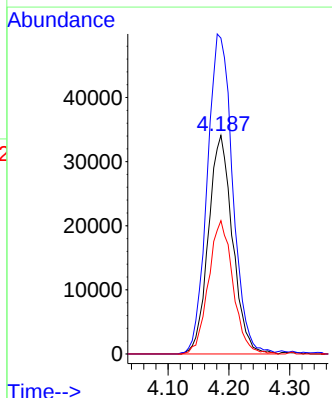
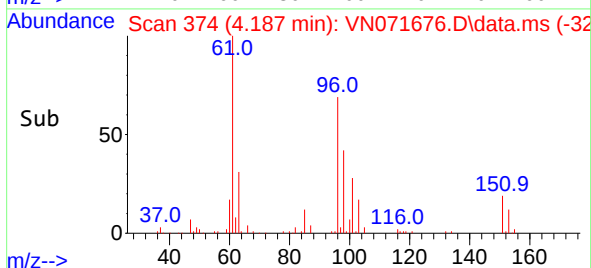
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#12
1,1-Dichloroethene
Concen: 19.250 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



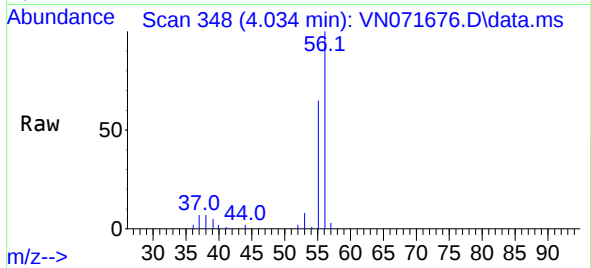
Tgt Ion: 96 Resp: 93961
Ion Ratio Lower Upper
96 100
61 144.5 127.6 191.4
98 61.0 51.2 76.8





#13
Acrolein
Concen: 97.283 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

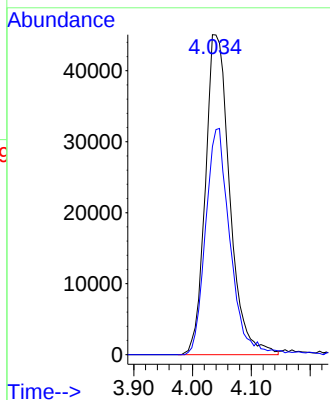
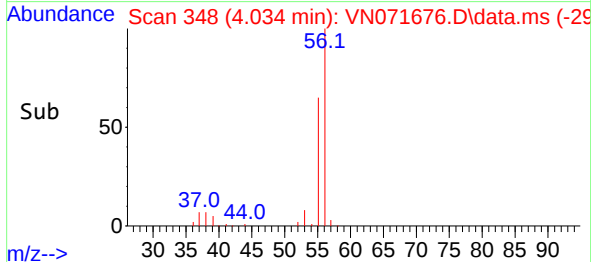
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



Tgt Ion: 56 Resp: 12995
Ion Ratio Lower Upper
56 100
55 71.1 54.8 82.2

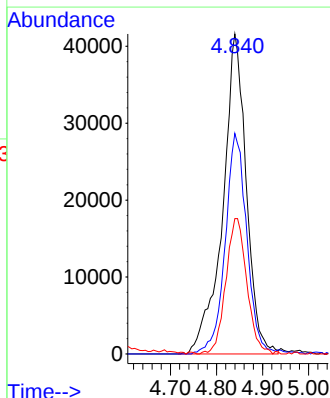
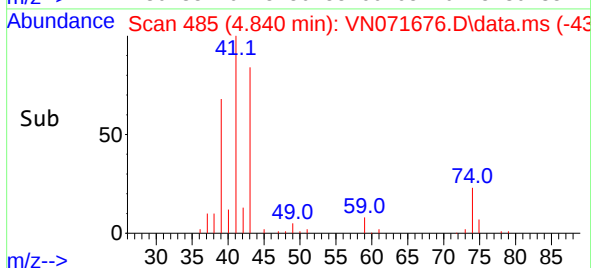
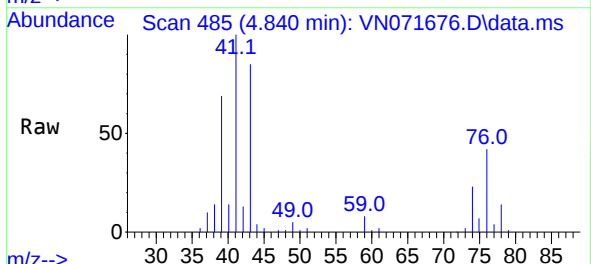
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#14
Allyl chloride
Concen: 18.649 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

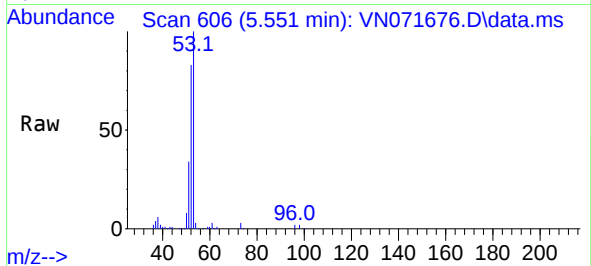
Tgt Ion: 41 Resp: 147744
Ion Ratio Lower Upper
41 100
39 62.9 53.2 79.8
76 37.6 29.9 44.9





#15
Acrylonitrile
Concen: 106.262 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

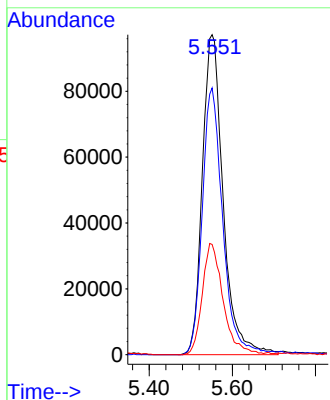
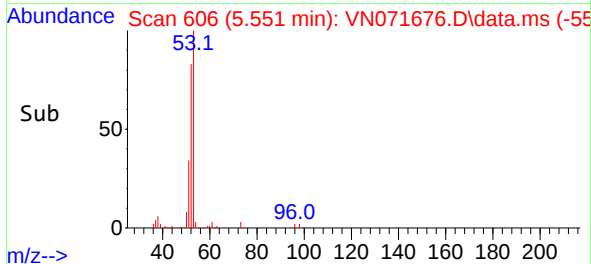
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



Tgt Ion: 53 Resp: 33838
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 34.8 28.5 42.7

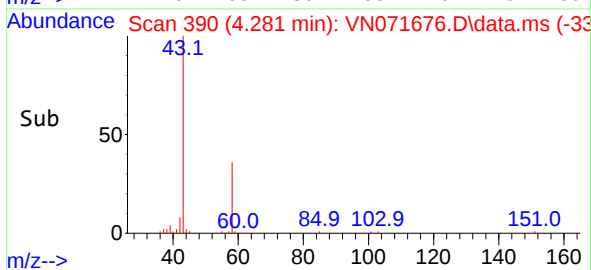
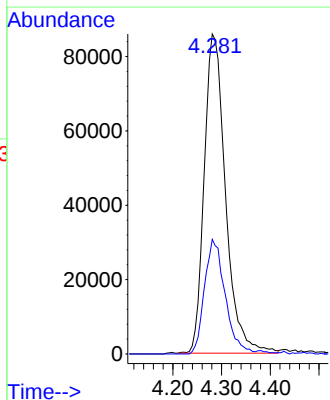
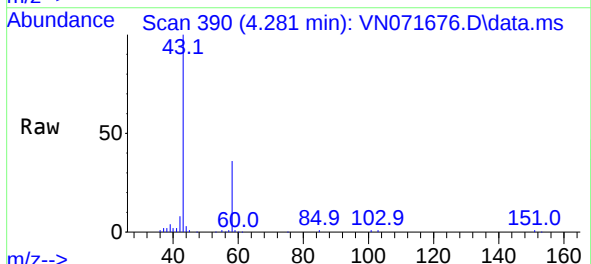
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#16
Acetone
Concen: 90.450 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

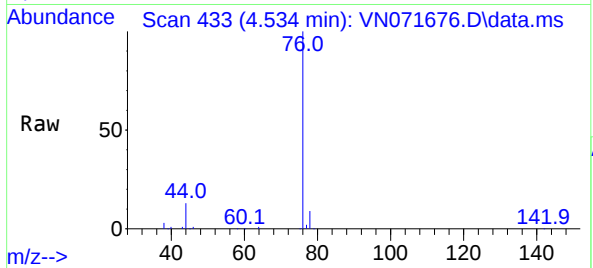
Tgt Ion: 43 Resp: 260958
Ion Ratio Lower Upper
43 100
58 35.9 26.0 39.0





#17
Carbon Disulfide
Concen: 17.350 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

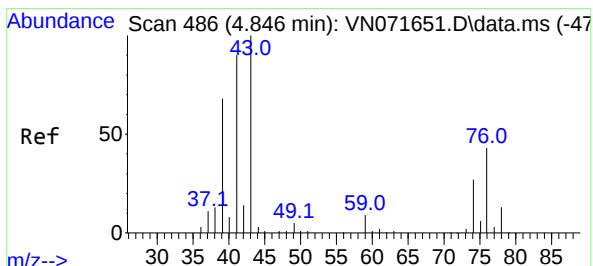
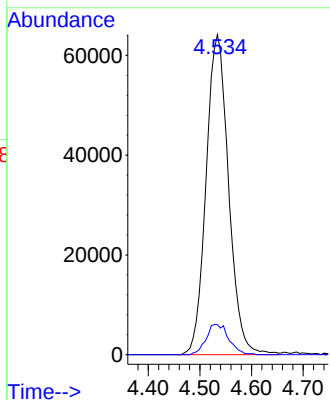
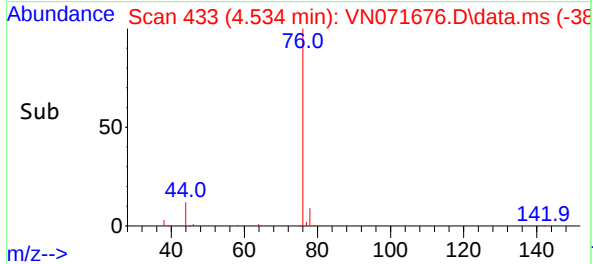
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



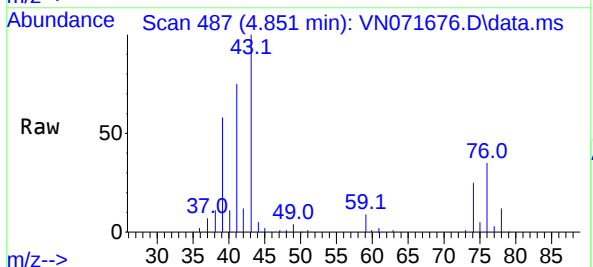
Tgt Ion: 76 Resp: 194308
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

Manual Integrations
APPROVED

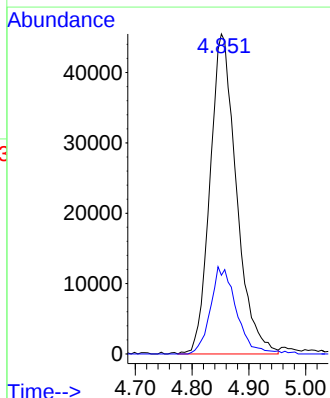
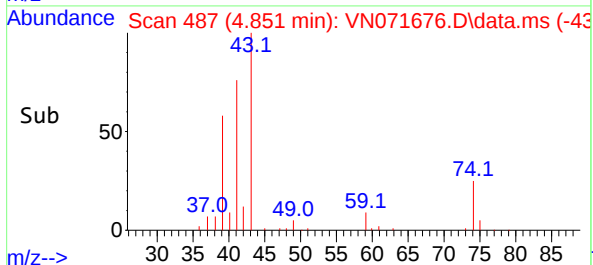
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
Methyl Acetate
Concen: 19.628 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



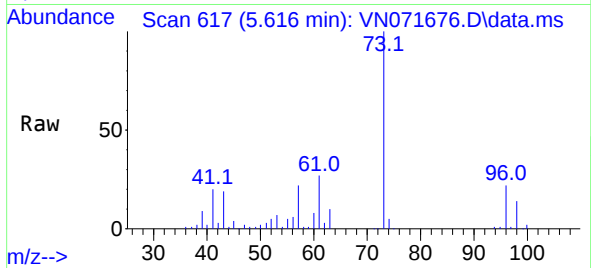
Tgt Ion: 43 Resp: 146799
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.662 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

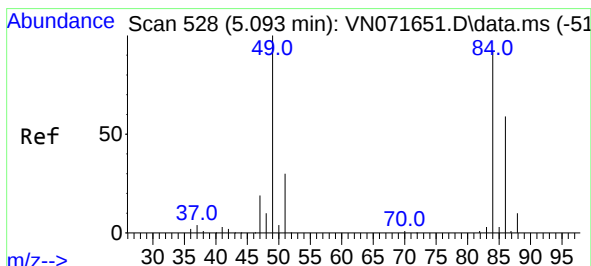
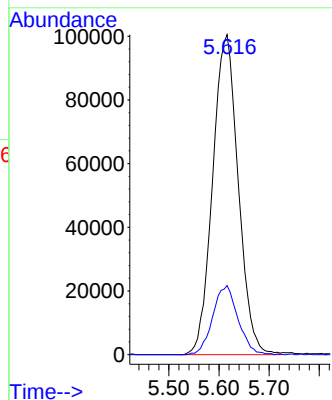
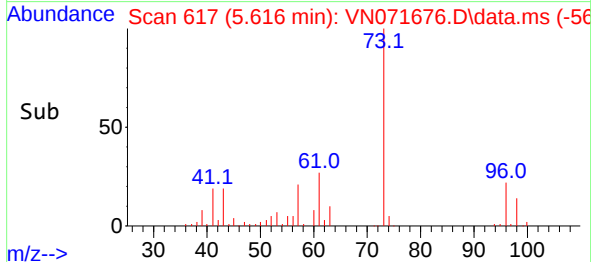
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



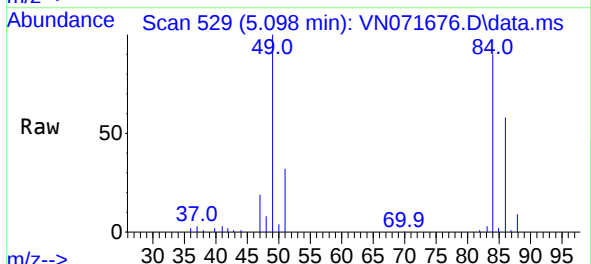
Tgt Ion: 73 Resp: 356528
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

Manual Integrations
APPROVED

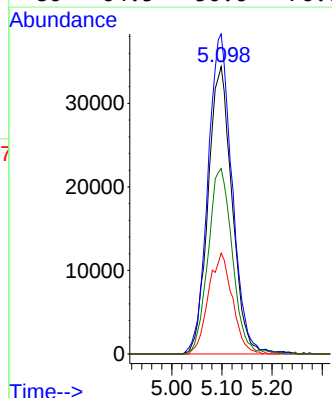
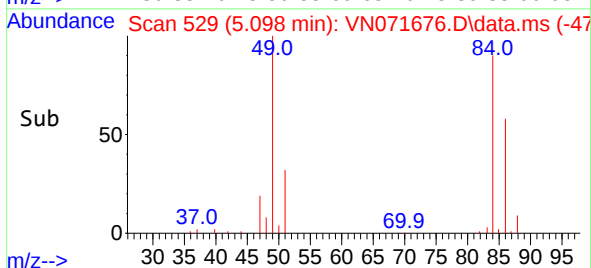
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylene Chloride
Concen: 18.819 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



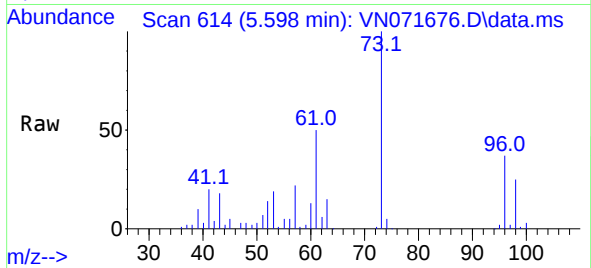
Tgt Ion: 84 Resp: 114439
Ion Ratio Lower Upper
84 100
49 111.3 88.3 132.5
51 35.1 28.2 42.2
86 64.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.585 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

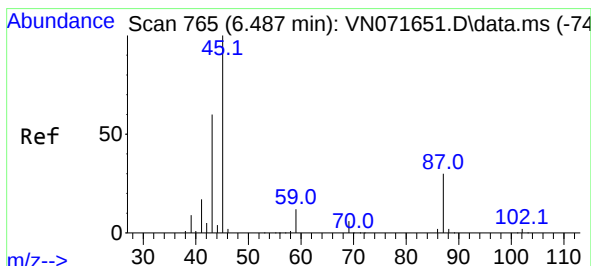
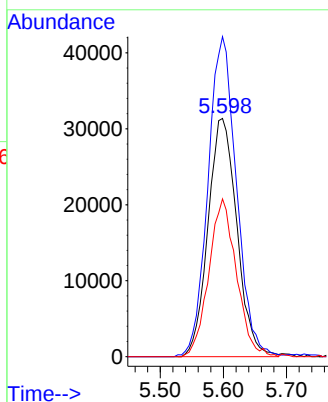
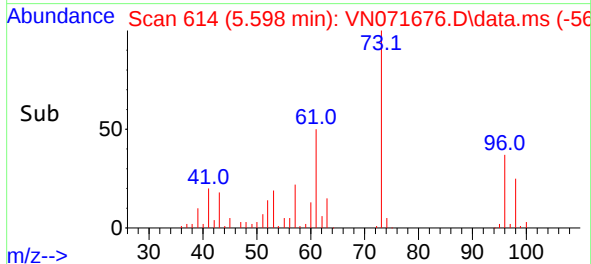
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



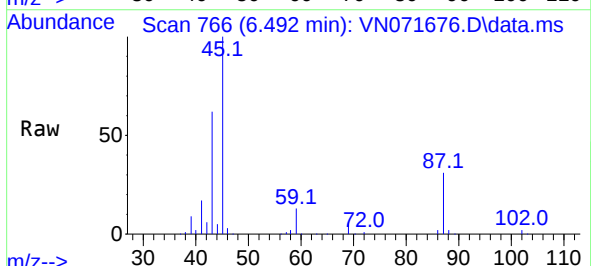
Tgt Ion: 96 Resp: 9958
Ion Ratio Lower Upper
96 100
61 133.5 105.8 158.8
98 66.2 50.3 75.5

Manual Integrations
APPROVED

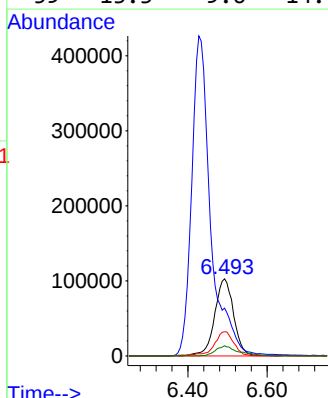
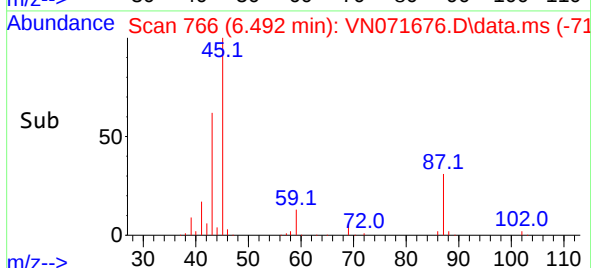
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

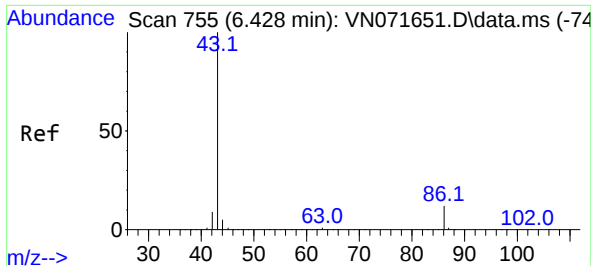


#22
Diisopropyl ether
Concen: 19.863 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



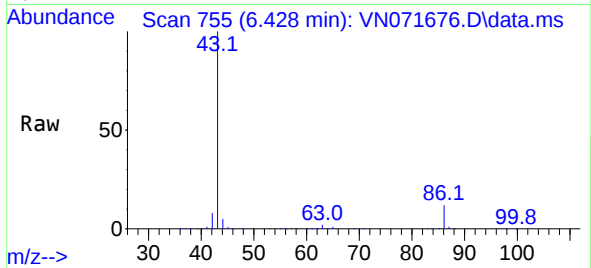
Tgt Ion: 45 Resp: 342577
Ion Ratio Lower Upper
45 100
43 60.1 46.6 70.0
87 31.4 24.3 36.5
59 13.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 103.745 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071676.D
 Acq: 30 Mar 2022 22:56

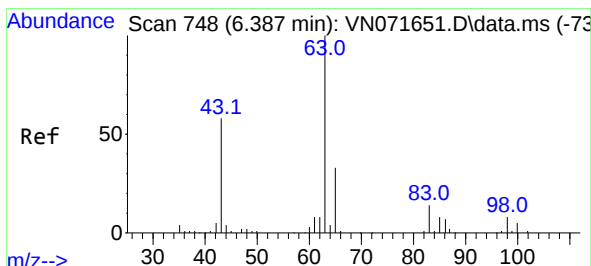
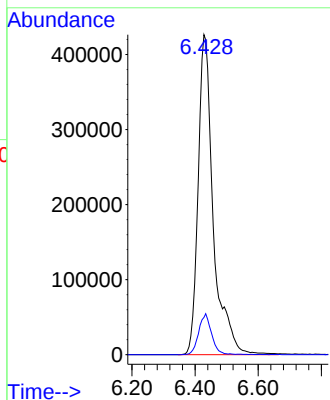
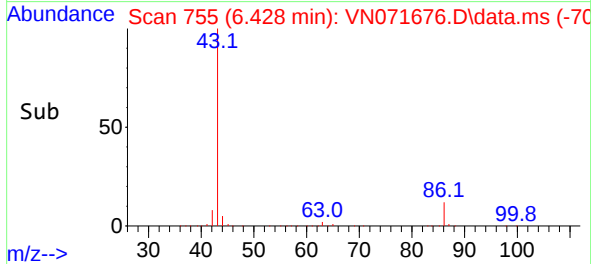
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBS02



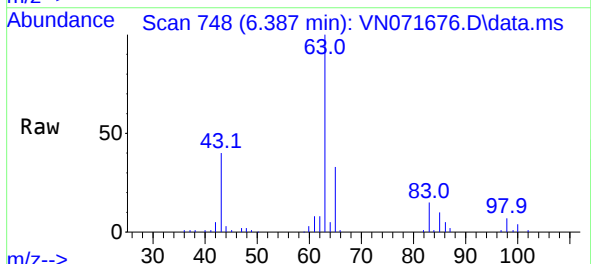
Tgt Ion: 43 Resp: 142286
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.0 15.0

Manual Integrations
 APPROVED

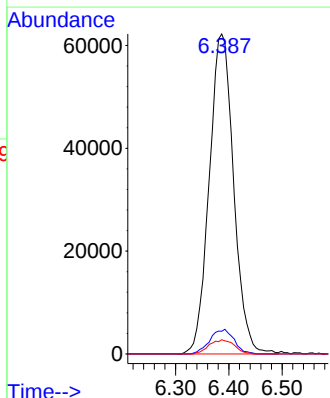
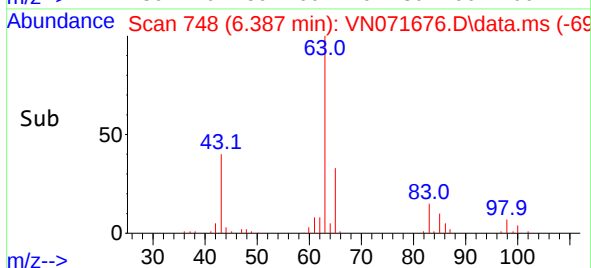
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022

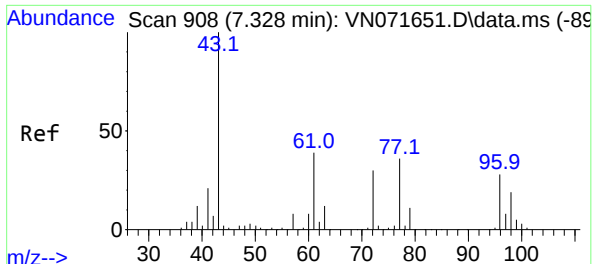


#24
 1,1-Dichloroethane
 Concen: 19.557 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071676.D
 Acq: 30 Mar 2022 22:56



Tgt Ion: 63 Resp: 198013
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 102.728 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071676.D

Acq: 30 Mar 2022 22:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBS02

Tgt Ion: 43 Resp: 427270

Ion Ratio Lower Upper

43 100

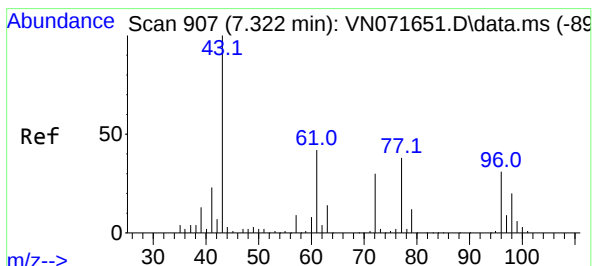
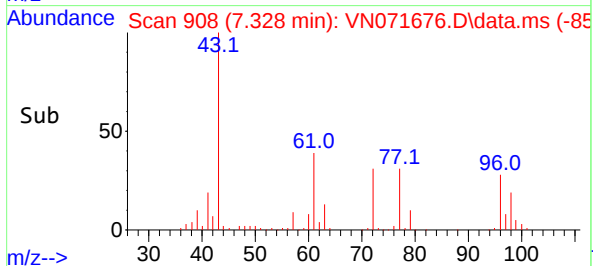
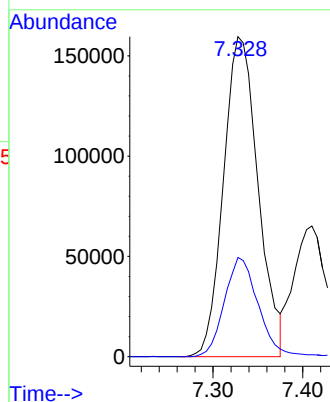
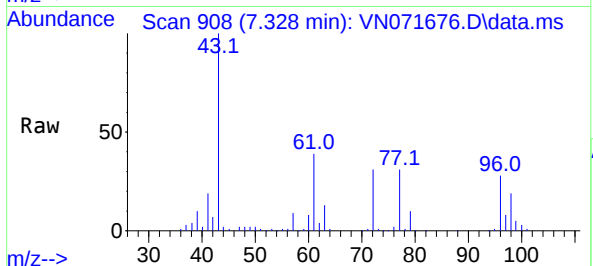
72 31.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#26

2,2-Dichloropropane

Concen: 17.658 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071676.D

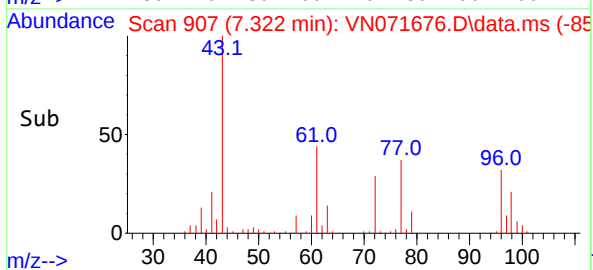
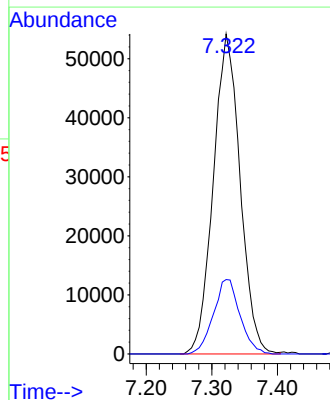
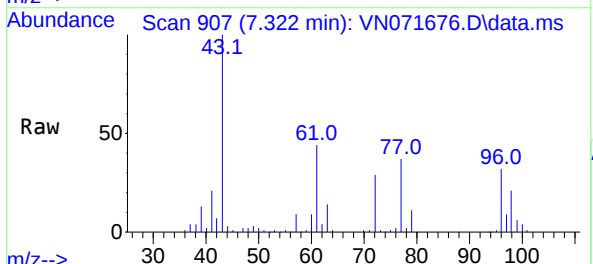
Acq: 30 Mar 2022 22:56

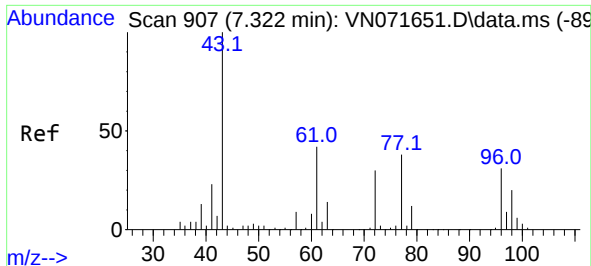
Tgt Ion: 77 Resp: 153589

Ion Ratio Lower Upper

77 100

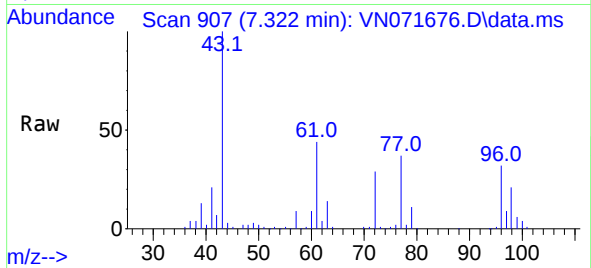
97 23.1 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 19.352 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

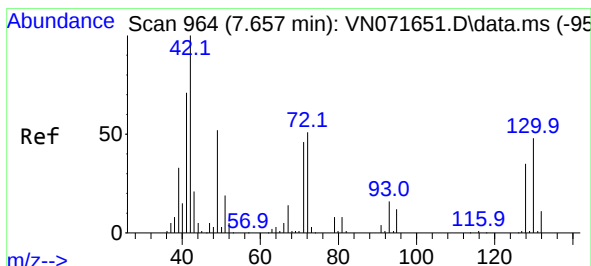
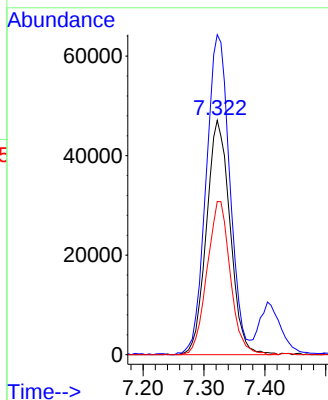
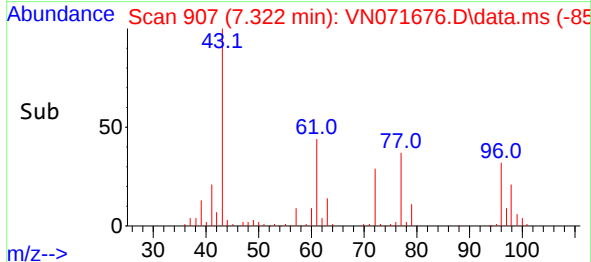
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



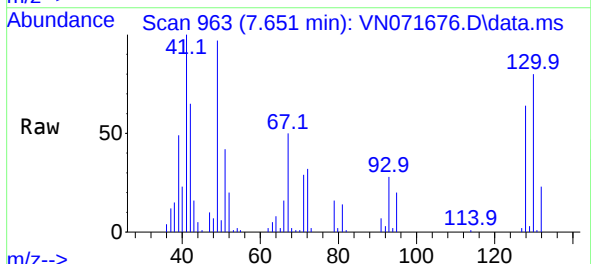
Tgt Ion: 96 Resp: 12715
Ion Ratio Lower Upper
96 100
61 136.8 0.0 280.6
98 64.2 0.0 128.4

Manual Integrations
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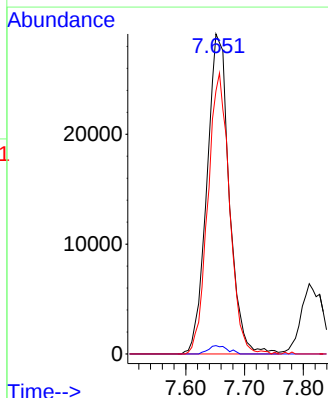
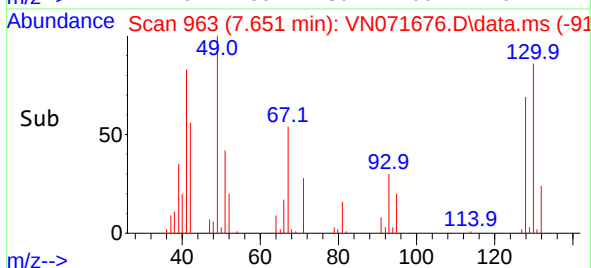
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

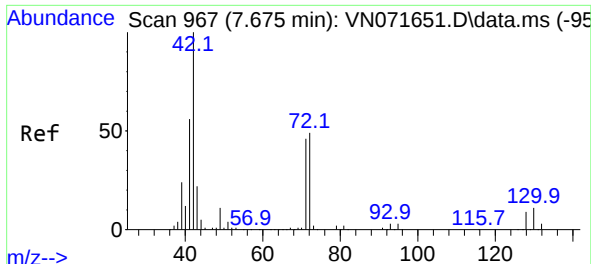


#28
Bromochloromethane
Concen: 18.859 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



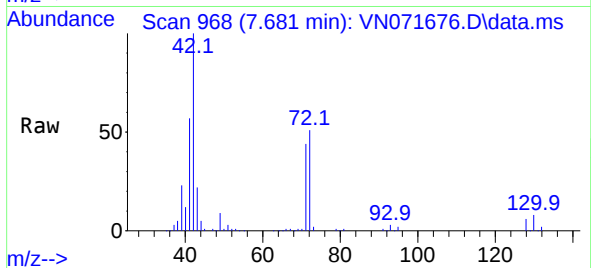
Tgt Ion: 49 Resp: 77026
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 84.6 69.7 104.5





#29
Tetrahydrofuran
Concen: 107.828 ug/l
RT: 7.681 min Scan# 901
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

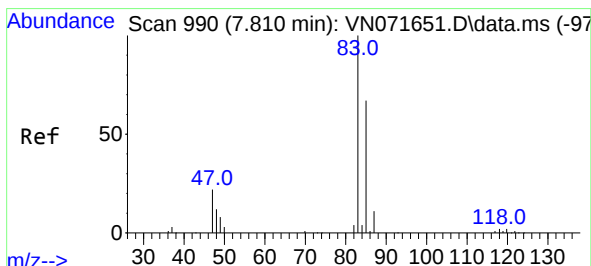
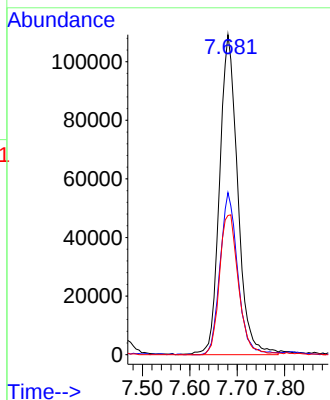
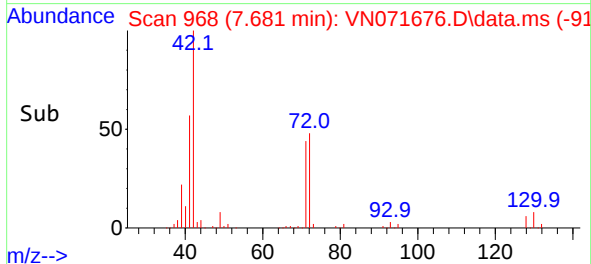
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



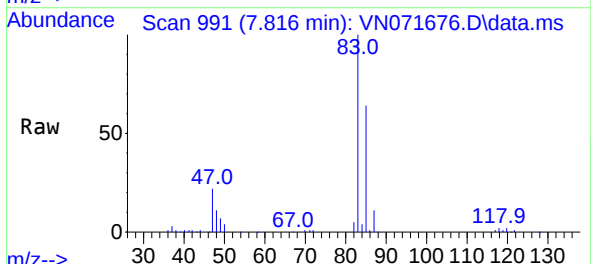
Tgt Ion: 42 Resp: 290397
Ion Ratio Lower Upper
42 100
72 49.2 39.7 59.5
71 45.4 36.6 55.0

Manual Integrations
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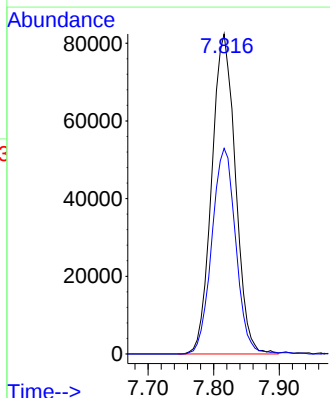
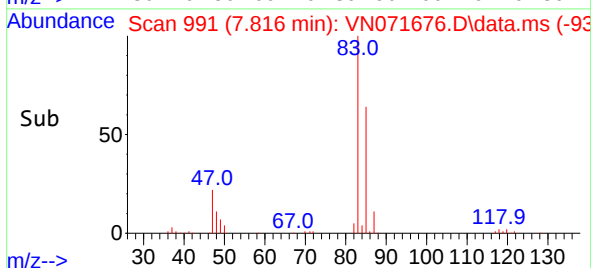
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

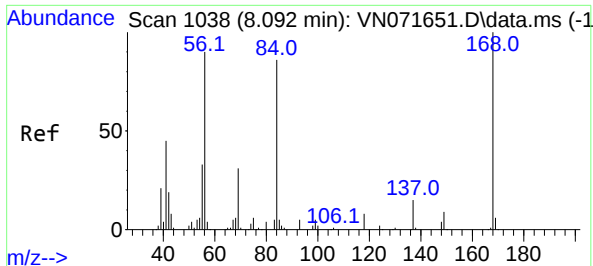


#30
Chloroform
Concen: 19.323 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



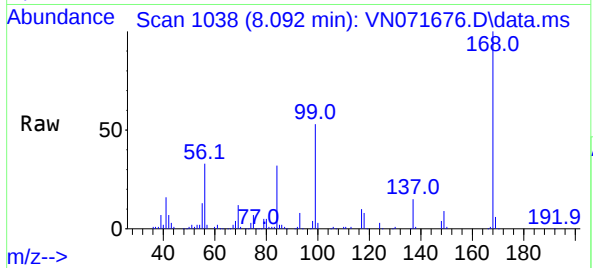
Tgt Ion: 83 Resp: 206577
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8





#31
Cyclohexane
Concen: 18.539 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

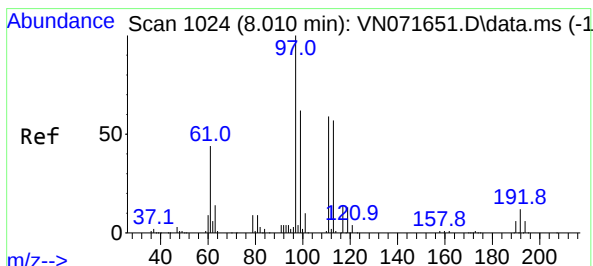
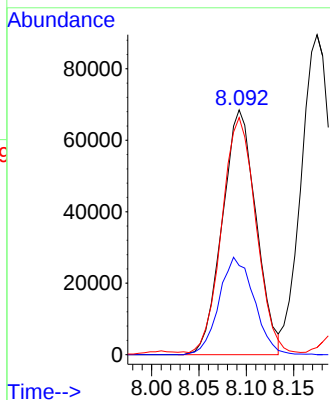
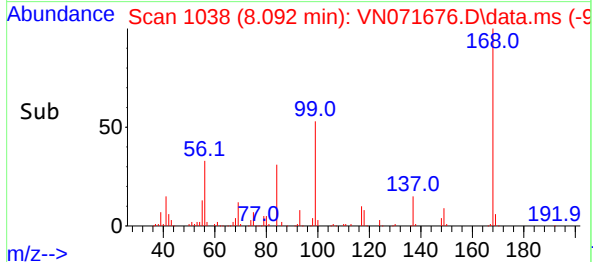
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



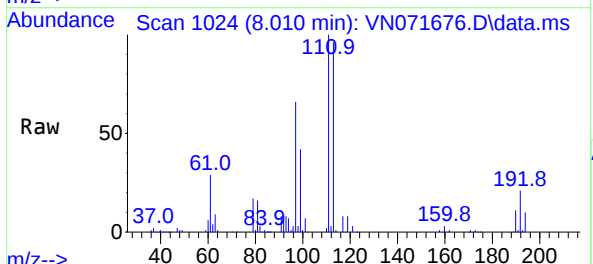
Tgt Ion: 56 Resp: 17020
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.8
84 95.9 76.9 115.3

Manual Integrations
APPROVED

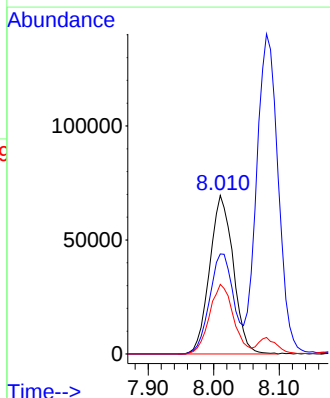
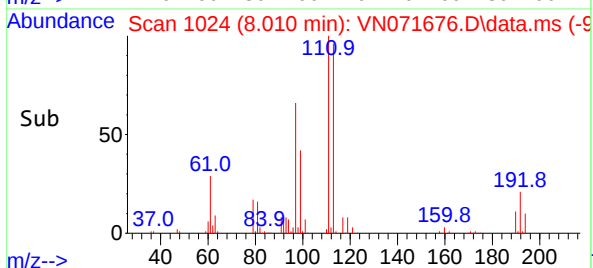
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

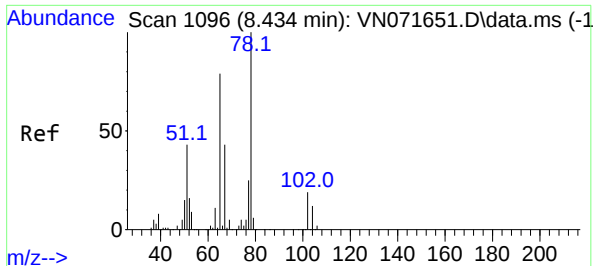


#32
1,1,1-Trichloroethane
Concen: 19.007 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



Tgt Ion: 97 Resp: 173838
Ion Ratio Lower Upper
97 100
99 65.0 50.6 76.0
61 44.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.087 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071676.D

Acq: 30 Mar 2022 22:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBS02

Tgt Ion: 65 Resp: 34488

Ion Ratio Lower Upper

65 100

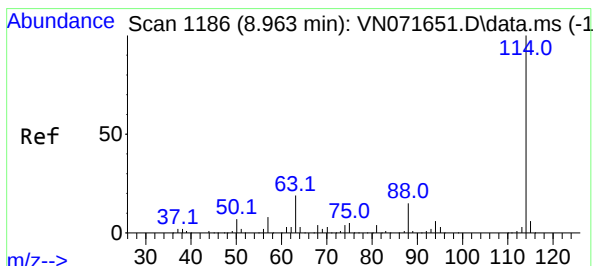
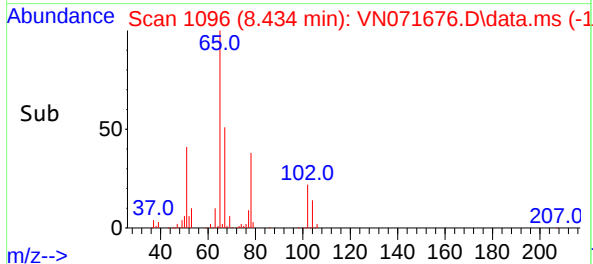
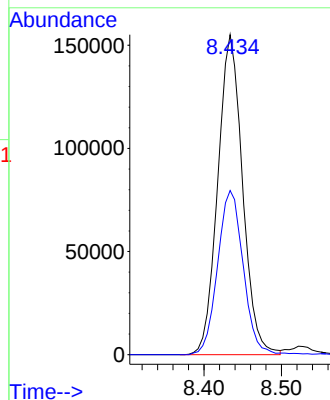
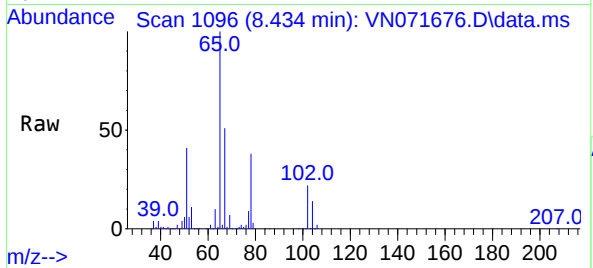
67 53.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071676.D

Acq: 30 Mar 2022 22:56

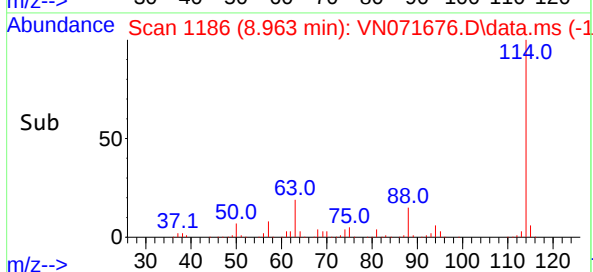
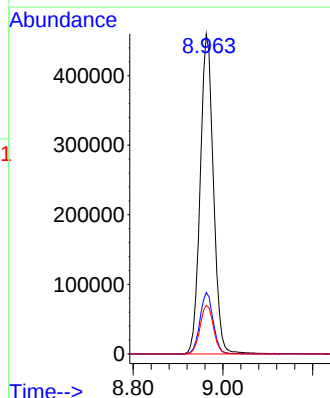
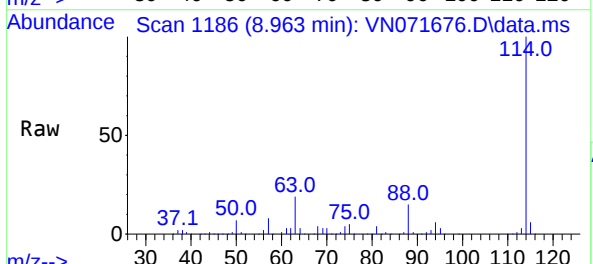
Tgt Ion:114 Resp: 939451

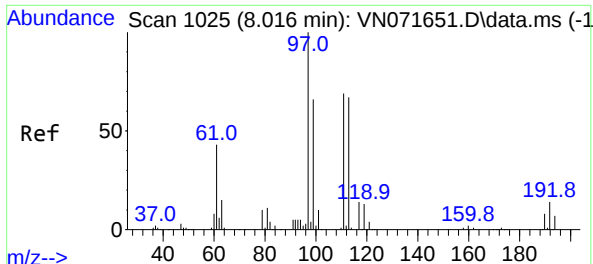
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

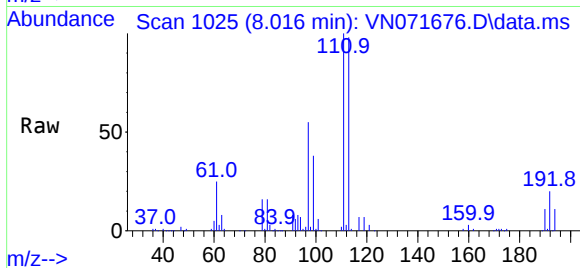
88 15.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.742 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

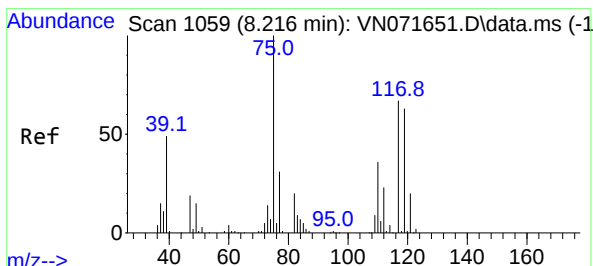
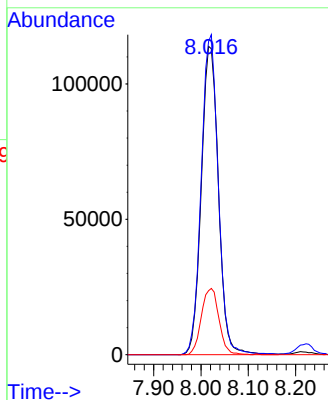
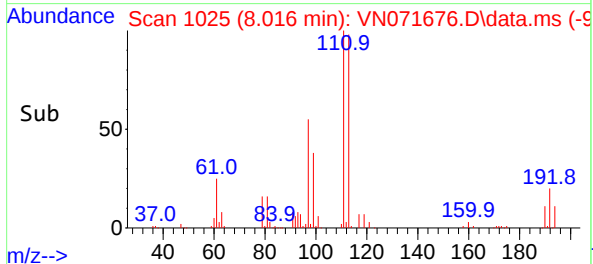
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



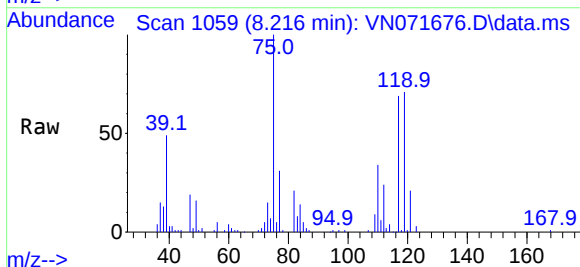
Tgt Ion:113 Resp: 28603
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 22.0 17.0 25.6

Manual Integrations
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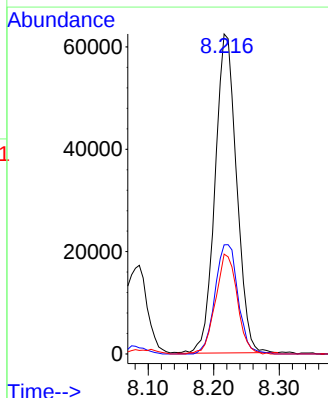
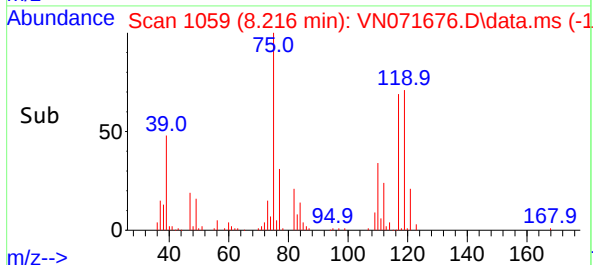
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

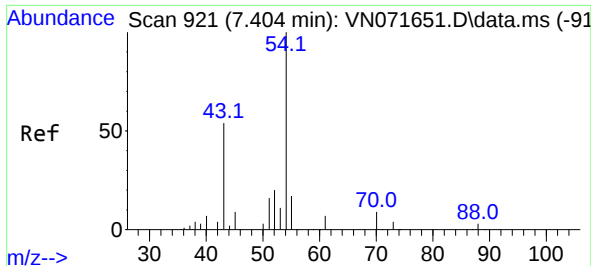


#36
1,1-Dichloropropene
Concen: 18.407 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



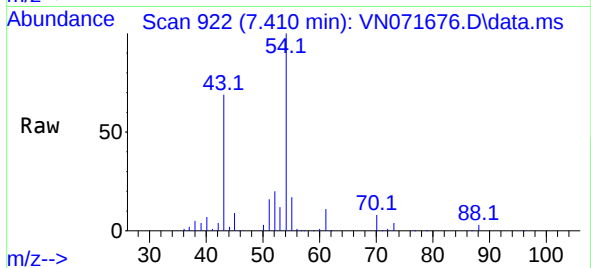
Tgt Ion: 75 Resp: 142095
Ion Ratio Lower Upper
75 100
110 36.5 18.3 54.8
77 31.7 25.1 37.7





#37
Ethyl Acetate
Concen: 20.730 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

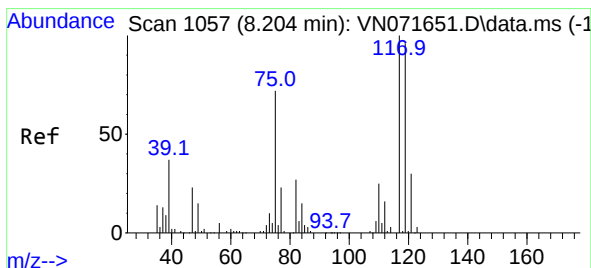
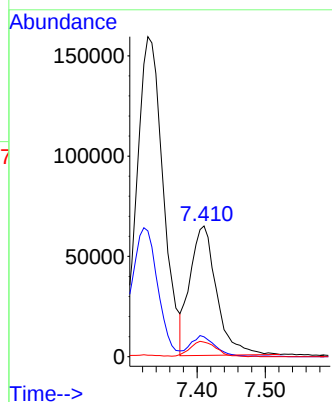
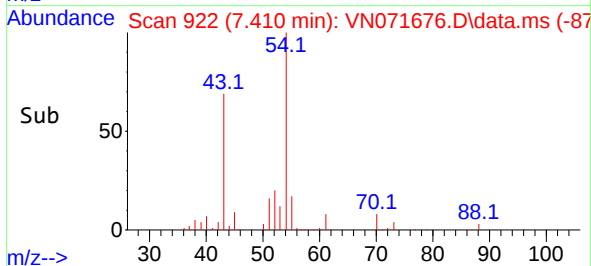
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



Tgt Ion: 43 Resp: 175160
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 11.5 9.3 13.9

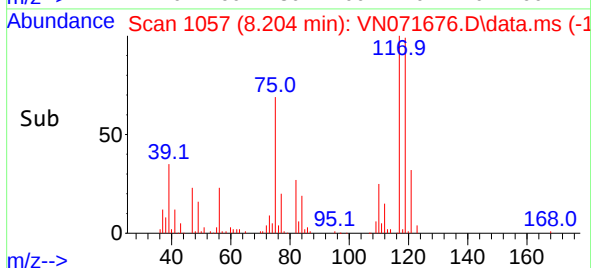
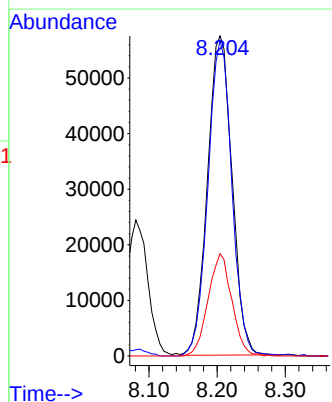
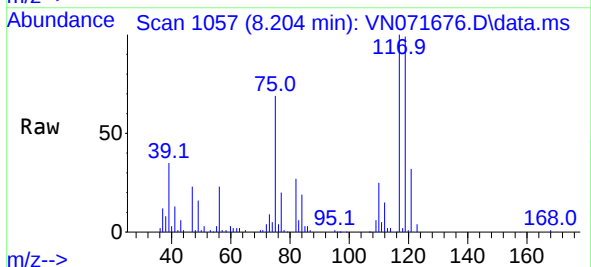
Manual Integrations
APPROVED

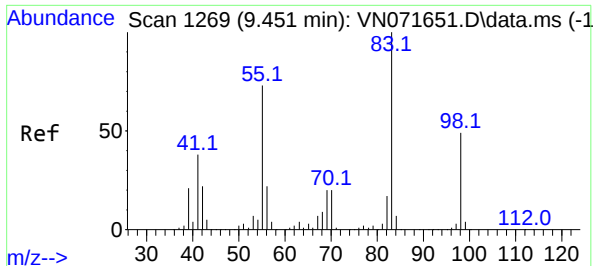
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 19.043 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Tgt Ion:117 Resp: 144073
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.8
121 32.0 24.6 37.0





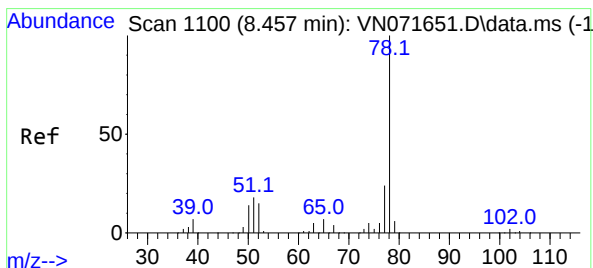
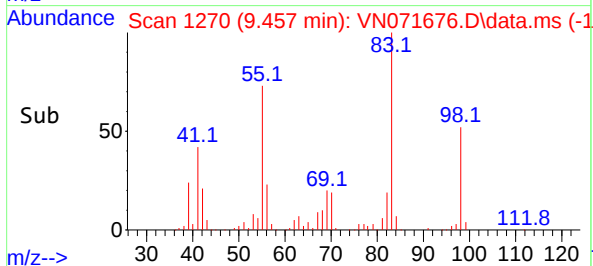
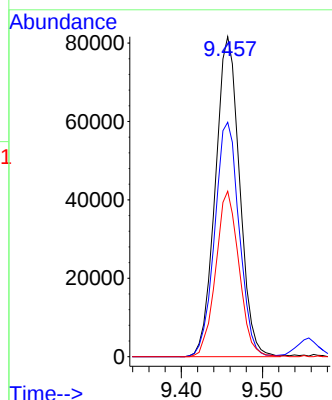
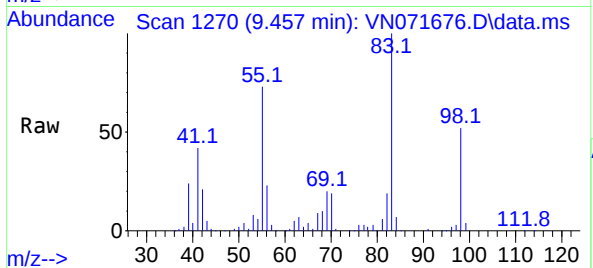
#39
Methylcyclohexane
Concen: 18.432 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02

Tgt Ion: 83 Resp: 16938
Ion Ratio Lower Upper
83 100
55 73.2 57.8 86.8
98 51.7 39.4 59.2

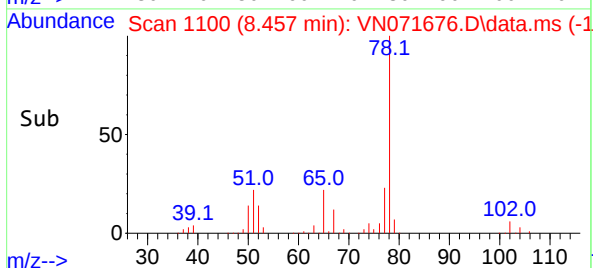
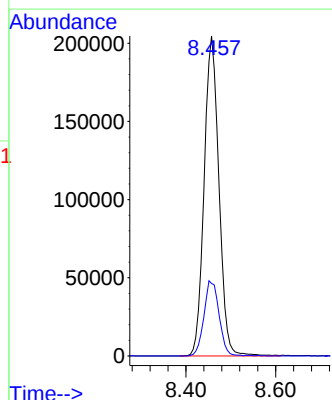
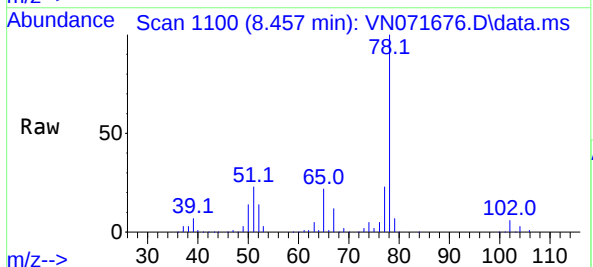
Manual Integrations
APPROVED

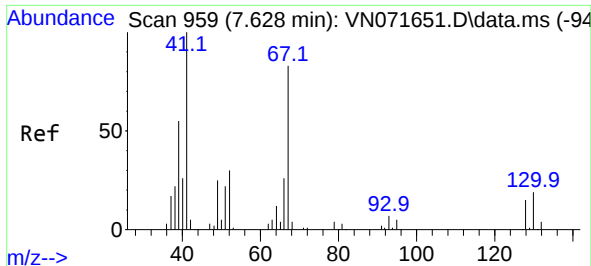
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#40
Benzene
Concen: 19.210 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

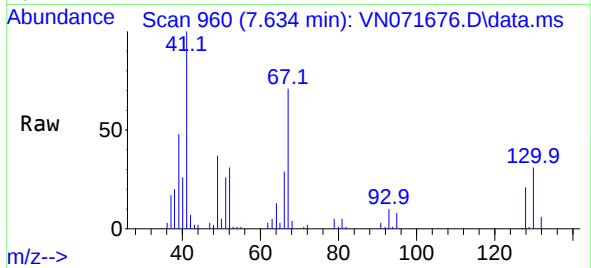
Tgt Ion: 78 Resp: 468457
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.0





#41
Methacrylonitrile
Concen: 21.330 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

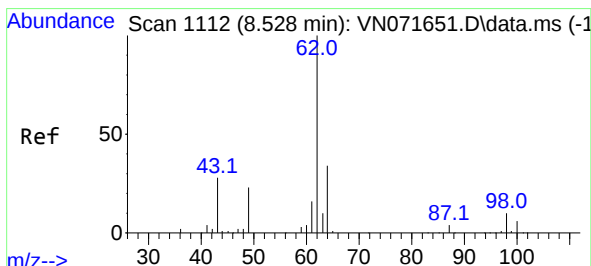
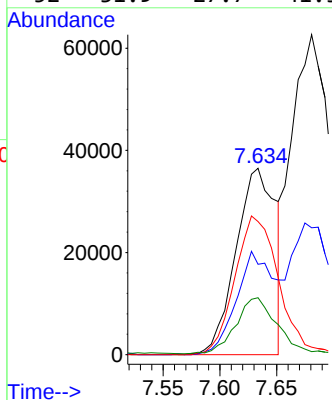
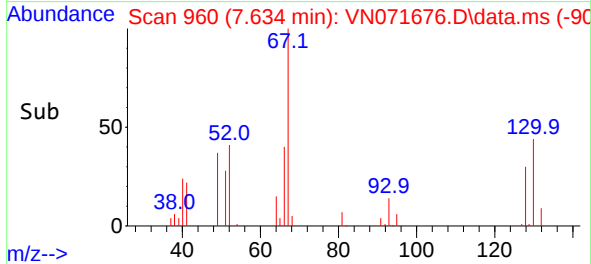
Instrument :
MSVOA_N
Client Sample Id :
VN0330WBS02



Tgt Ion: 41 Resp: 88249
Ion Ratio Lower Upper
41 100
39 57.8 48.6 73.0
67 82.9 73.4 110.2
52 31.9 27.7 41.5

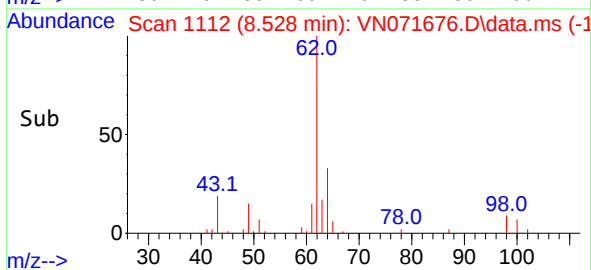
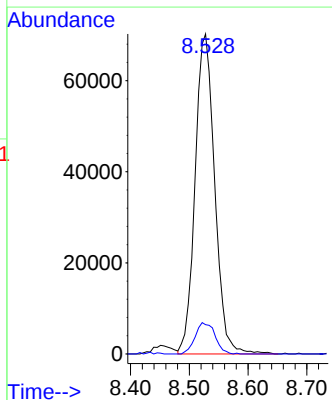
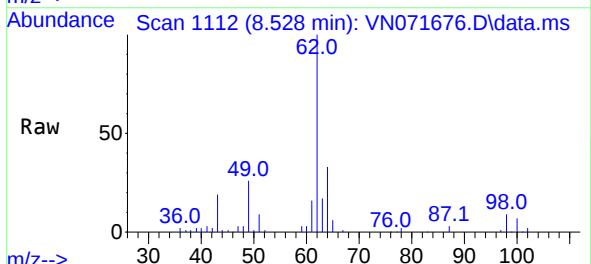
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#42
1,2-Dichloroethane
Concen: 19.301 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

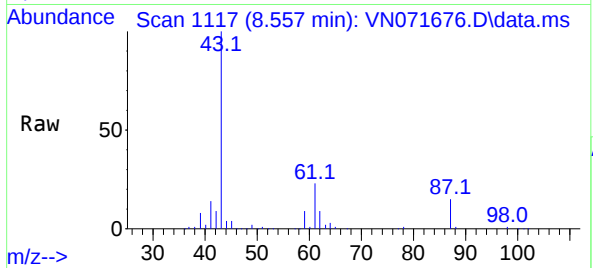
Tgt Ion: 62 Resp: 162824
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 18.484 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

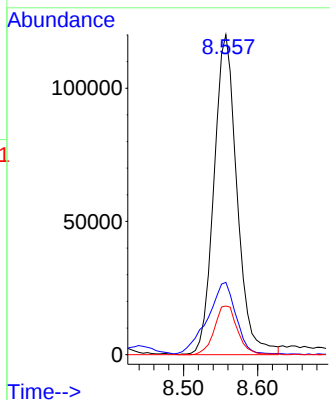
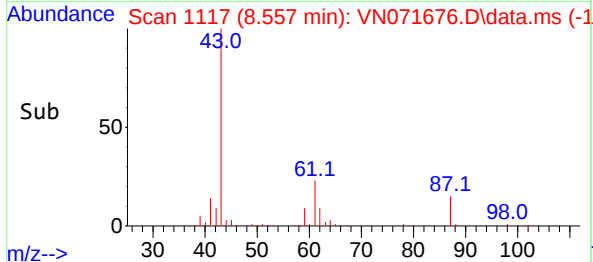
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



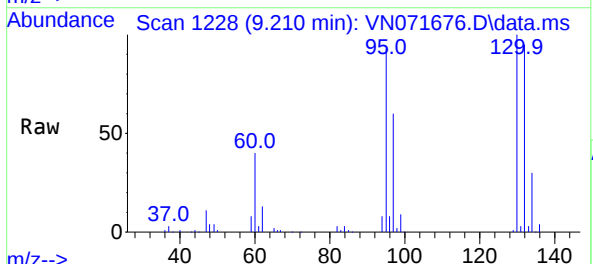
Tgt Ion: 43 Resp: 259779
Ion Ratio Lower Upper
43 100
61 27.7 21.9 32.9
87 15.2 12.0 18.0

Manual Integrations
APPROVED

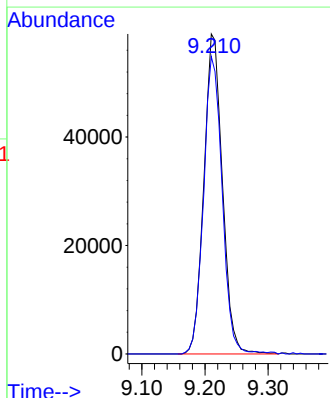
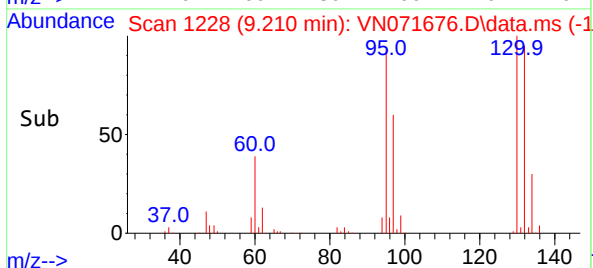
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

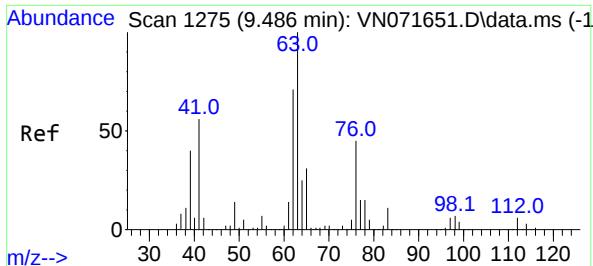


#44
Trichloroethene
Concen: 19.137 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



Tgt Ion:130 Resp: 120232
Ion Ratio Lower Upper
130 100
95 92.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.298 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071676.D

Acq: 30 Mar 2022 22:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBS02

Tgt Ion: 63 Resp: 117570

Ion Ratio Lower Upper

63 100

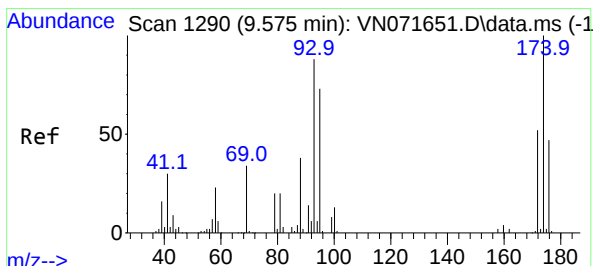
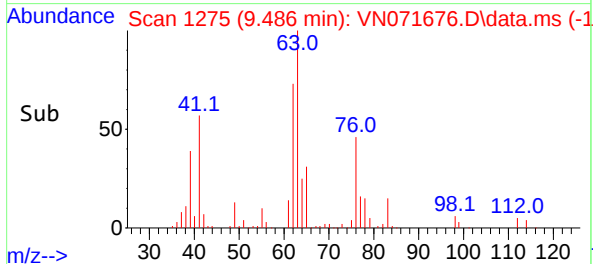
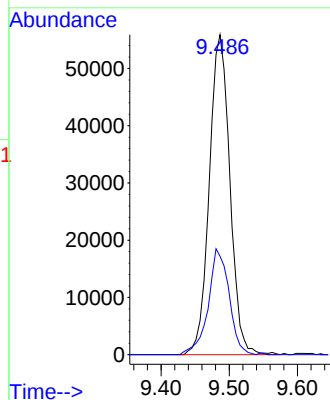
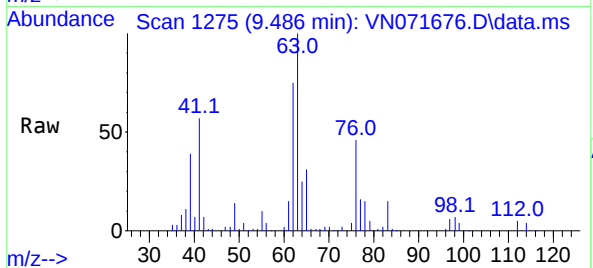
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

Dibromomethane

Concen: 19.286 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071676.D

Acq: 30 Mar 2022 22:56

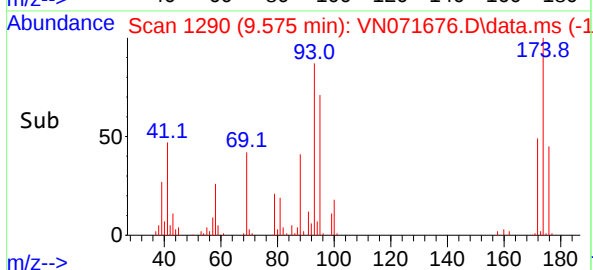
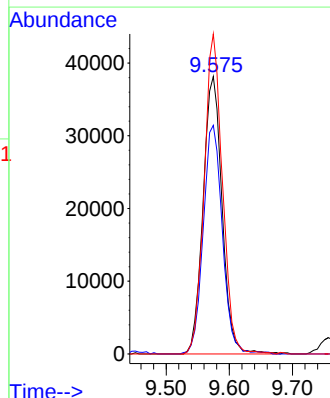
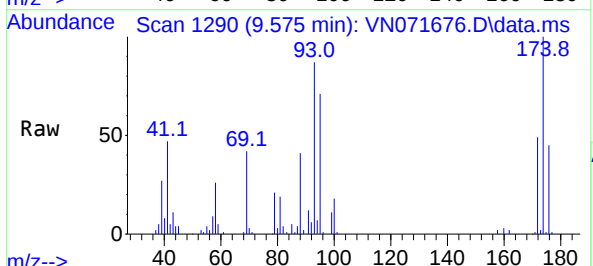
Tgt Ion: 93 Resp: 79775

Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

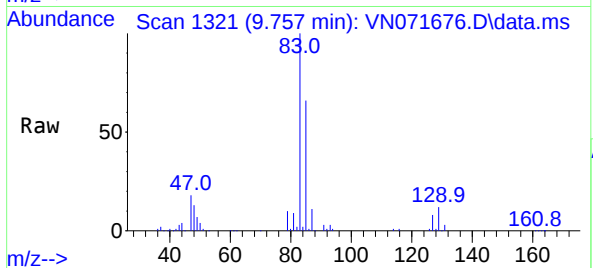
174 110.9 86.6 130.0





#47
Bromodichloromethane
Concen: 19.609 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

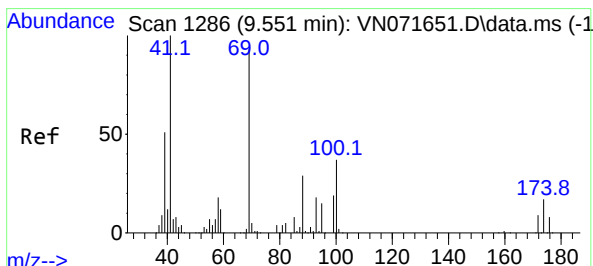
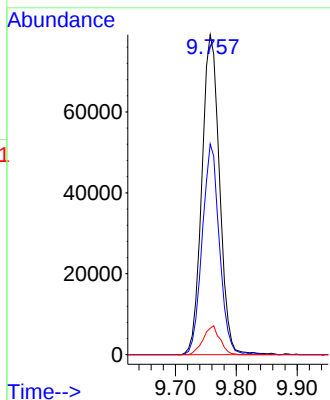
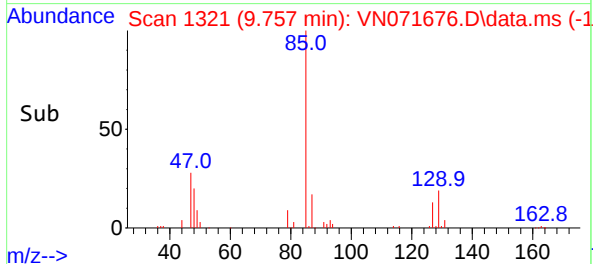
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



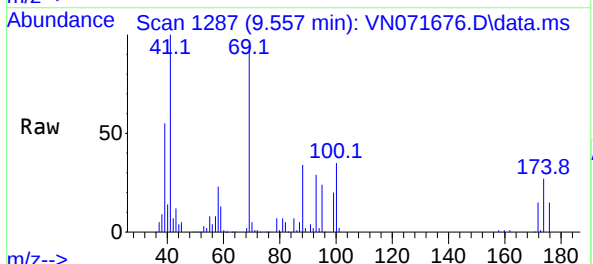
Tgt Ion: 83 Resp: 15966
Ion Ratio Lower Upper
83 100
85 65.9 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
APPROVED

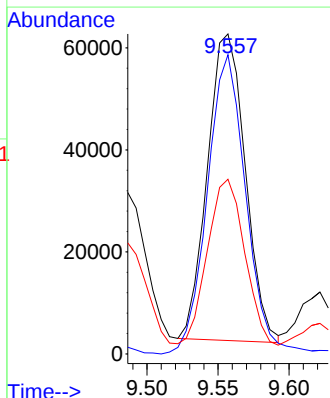
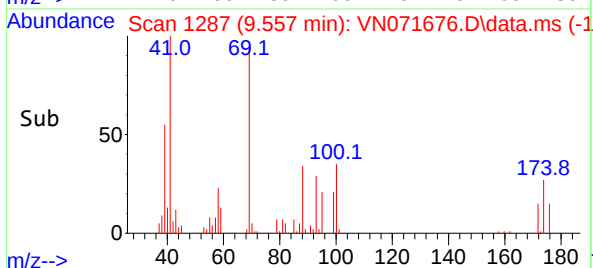
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

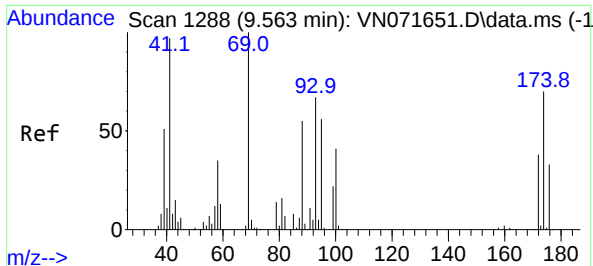


#48
Methyl methacrylate
Concen: 19.082 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



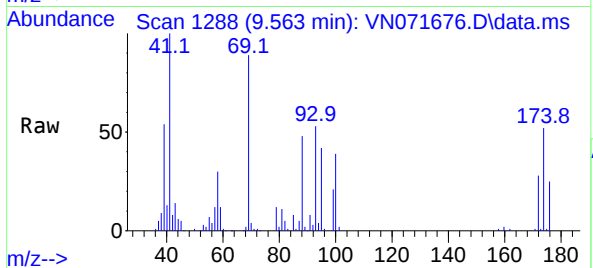
Tgt Ion: 41 Resp: 111266
Ion Ratio Lower Upper
41 100
69 100.6 74.7 112.1
39 59.2 45.6 68.4





#49
1,4-Dioxane
Concen: 379.492 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

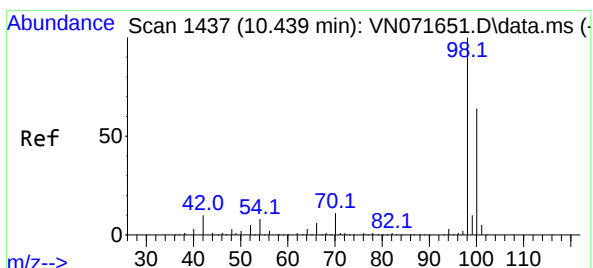
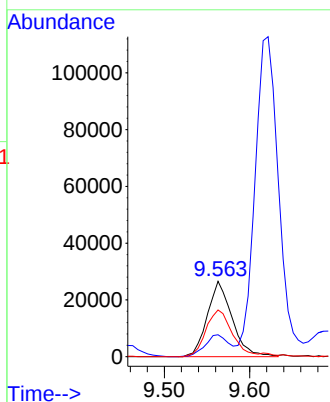
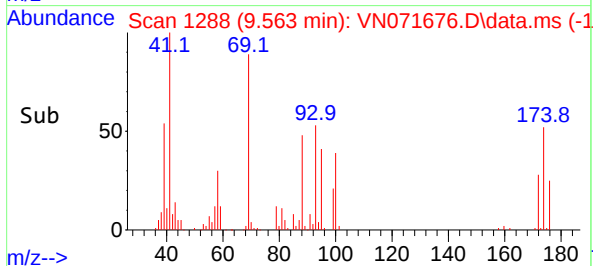
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



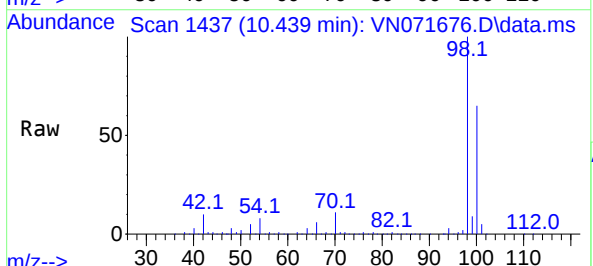
Tgt Ion: 88 Resp: 5368
Ion Ratio Lower Upper
88 100
43 27.4 20.2 30.4
58 65.1 54.2 81.4

Manual Integrations
APPROVED

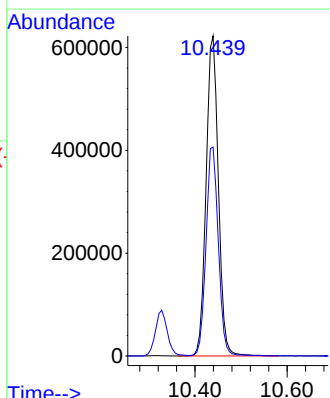
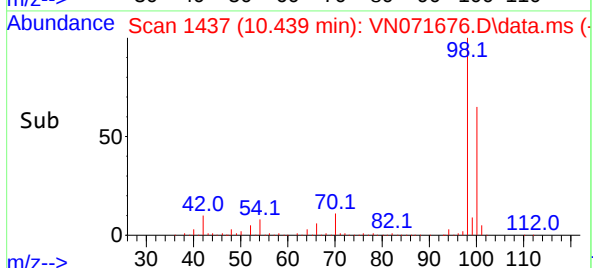
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

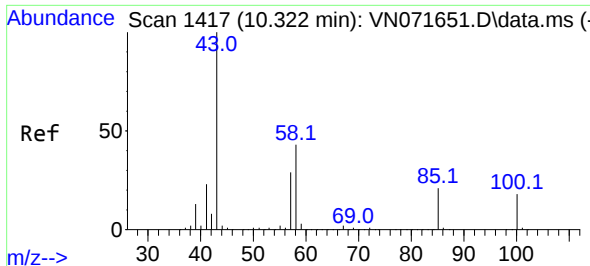


#50
Toluene-d8
Concen: 51.180 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



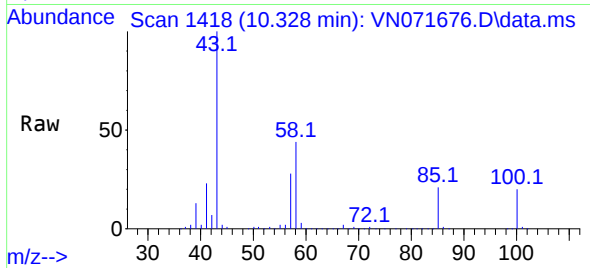
Tgt Ion: 98 Resp: 1157398
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 105.703 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

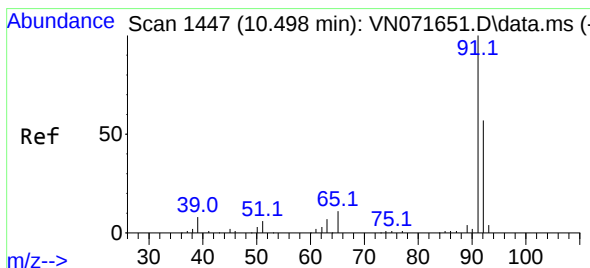
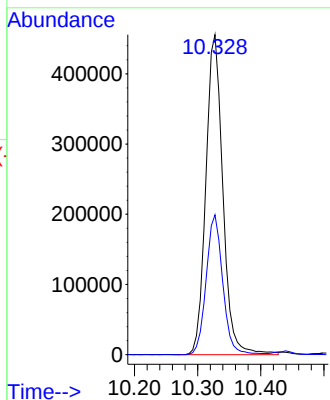
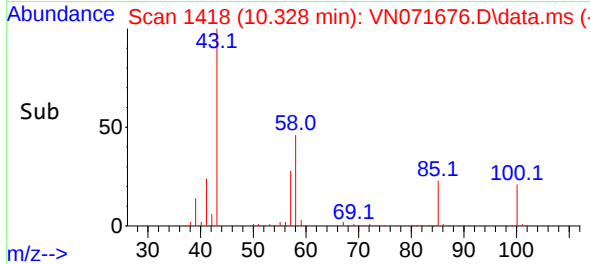
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



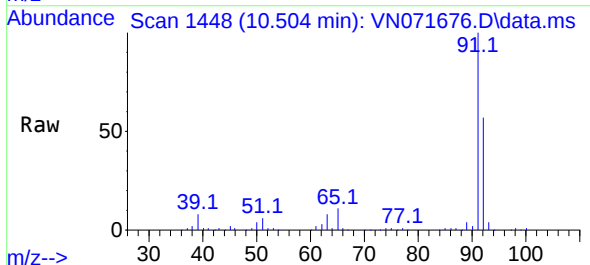
Tgt Ion: 43 Resp: 854124
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

Manual Integrations
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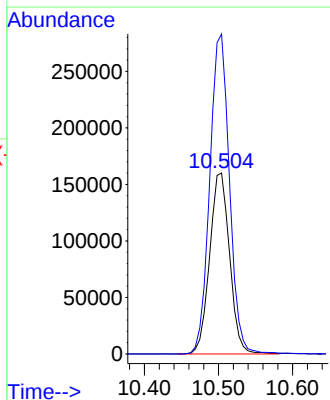
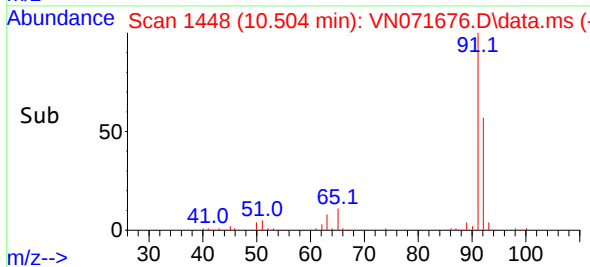
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#52
Toluene
Concen: 19.407 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



Tgt Ion: 92 Resp: 299168
Ion Ratio Lower Upper
92 100
91 175.3 138.6 207.8





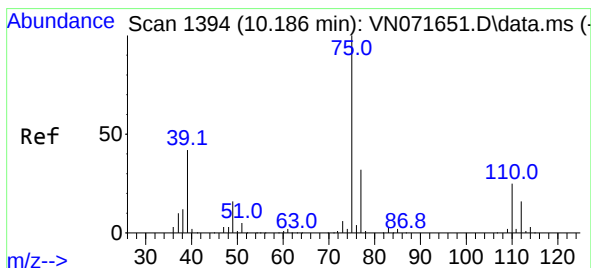
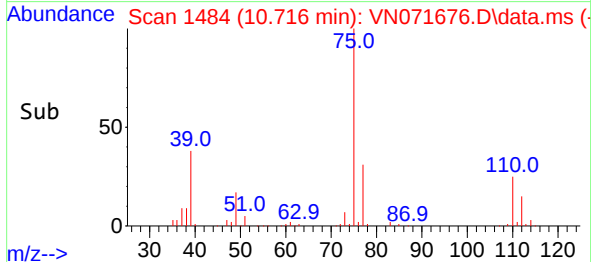
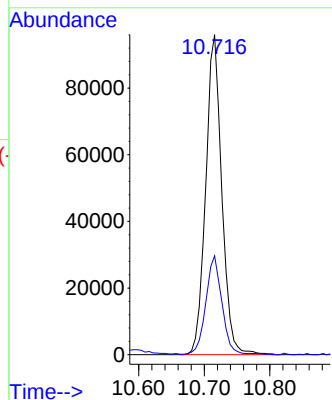
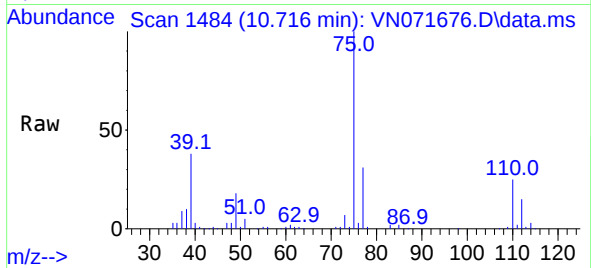
#53
t-1,3-Dichloropropene
Concen: 19.205 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02

Tgt Ion: 75 Resp: 16388
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

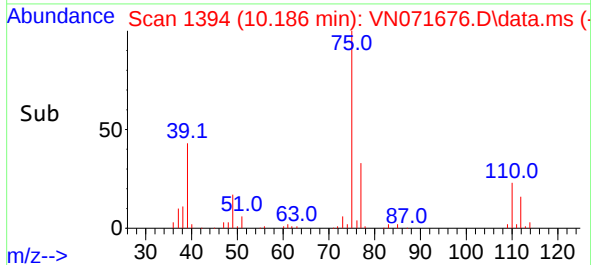
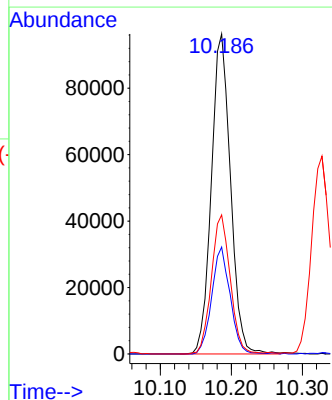
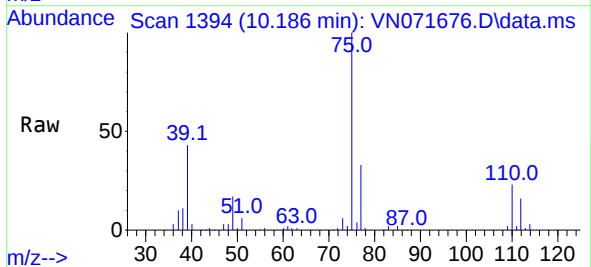
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#54
cis-1,3-Dichloropropene
Concen: 19.107 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

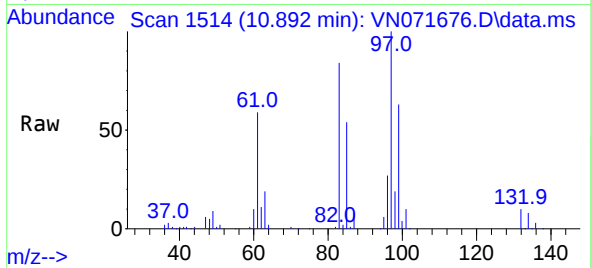
Tgt Ion: 75 Resp: 180156
Ion Ratio Lower Upper
75 100
77 33.4 25.2 37.8
39 43.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.520 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

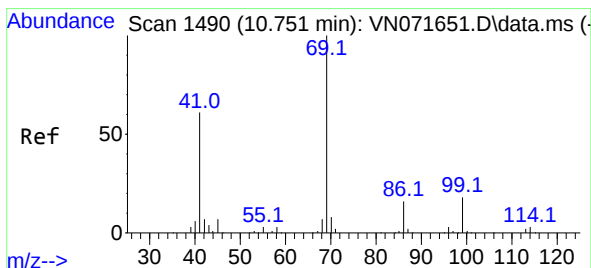
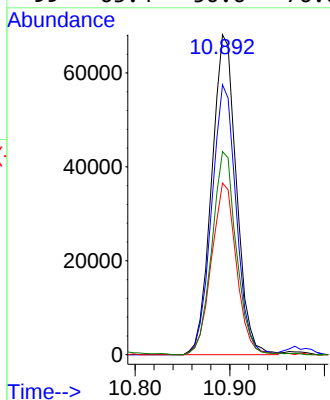
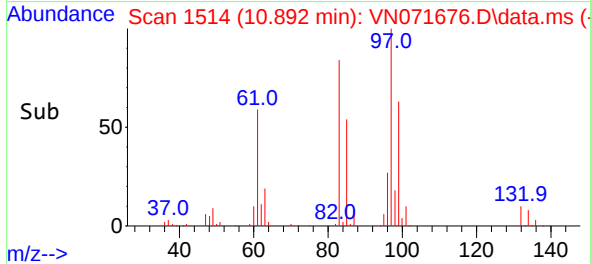
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



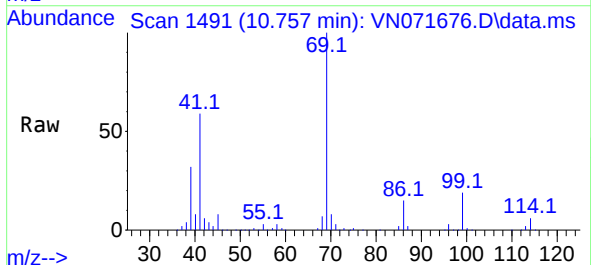
Tgt Ion: 97 Resp: 12384
Ion Ratio Lower Upper
97 100
83 84.4 66.2 99.4
85 53.7 43.9 65.9
99 63.4 50.6 76.0

Manual Integrations
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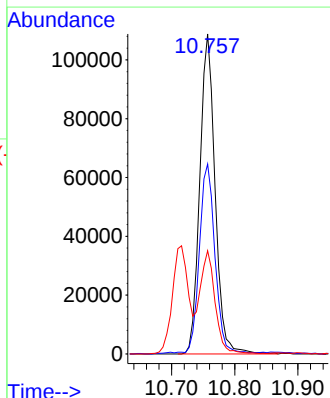
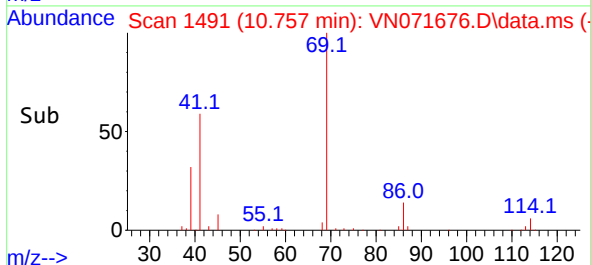
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

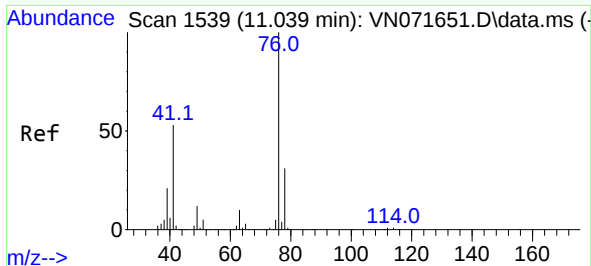


#56
Ethyl methacrylate
Concen: 20.221 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



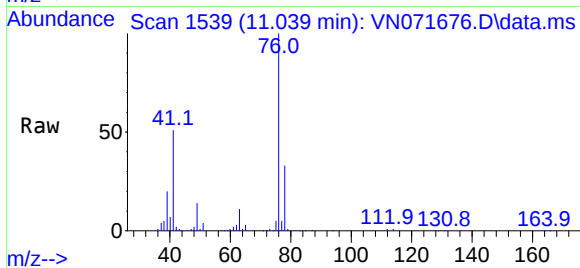
Tgt Ion: 69 Resp: 183013
Ion Ratio Lower Upper
69 100
41 59.5 47.8 71.6
39 32.3 27.3 40.9





#57
1,3-Dichloropropane
Concen: 19.631 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

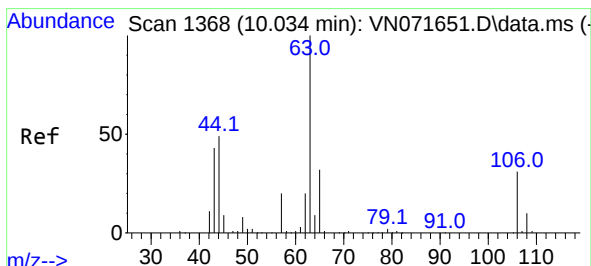
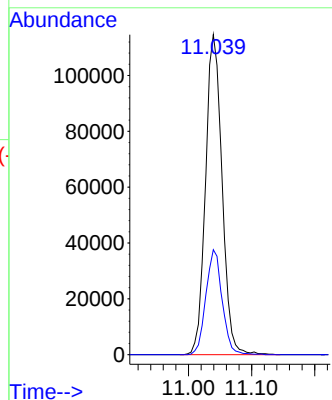
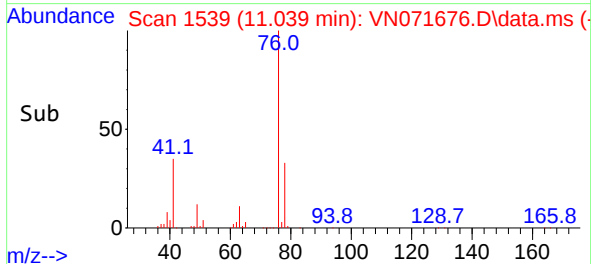
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



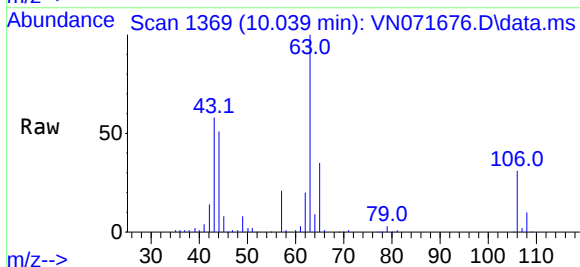
Tgt Ion: 76 Resp: 208238
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
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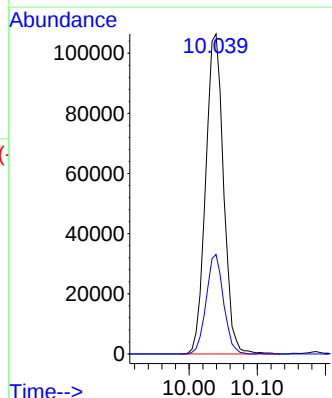
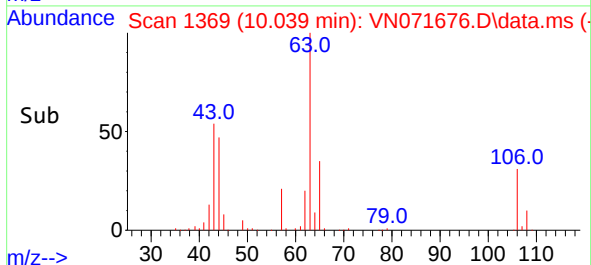
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#58
2-Chloroethyl Vinyl ether
Concen: 81.974 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



Tgt Ion: 63 Resp: 194323
Ion Ratio Lower Upper
63 100
106 30.1 24.6 36.8





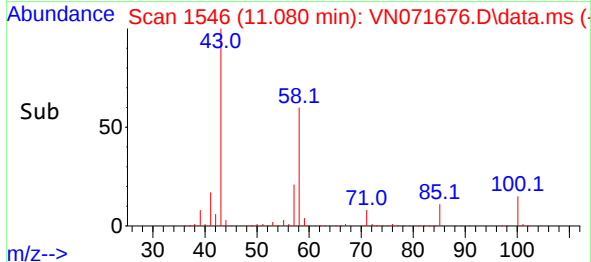
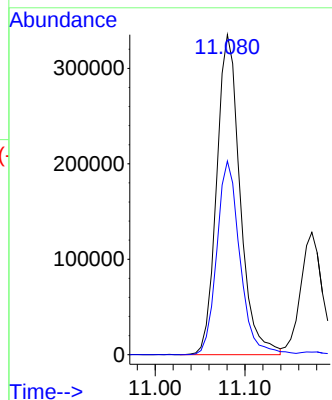
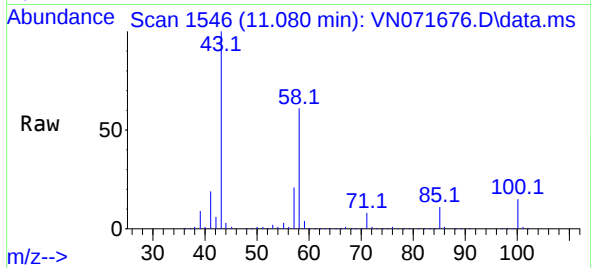
#59
2-Hexanone
Concen: 106.683 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02

Tgt Ion: 43 Resp: 60692
Ion Ratio Lower Upper
43 100
58 59.8 29.7 89.1

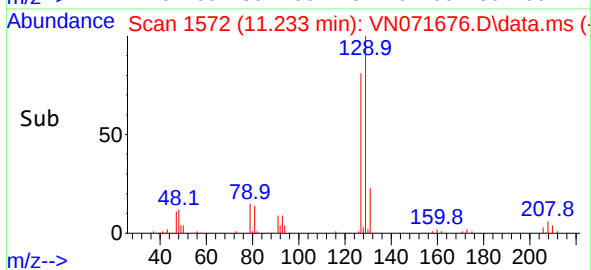
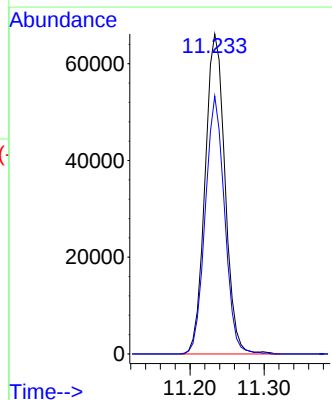
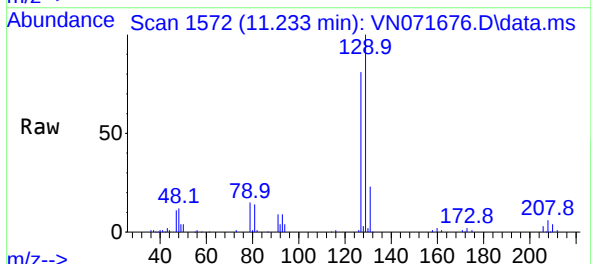
Manual Integrations
APPROVED

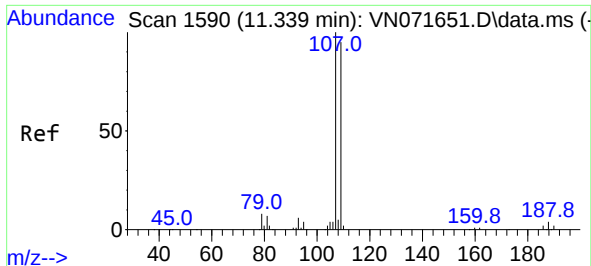
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
Dibromochloromethane
Concen: 19.940 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

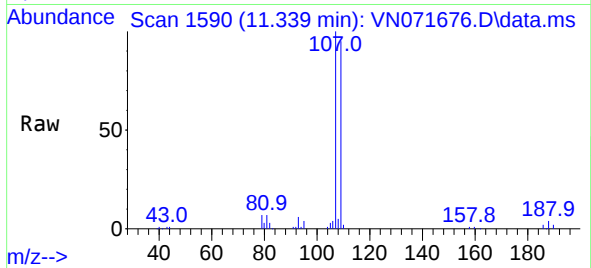
Tgt Ion:129 Resp: 123354
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.703 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

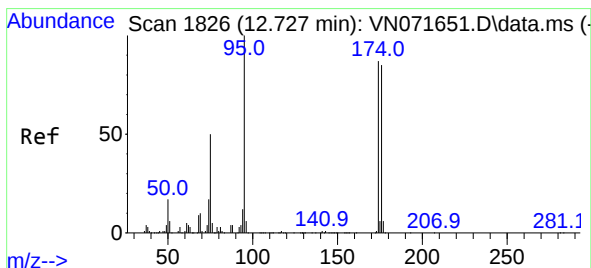
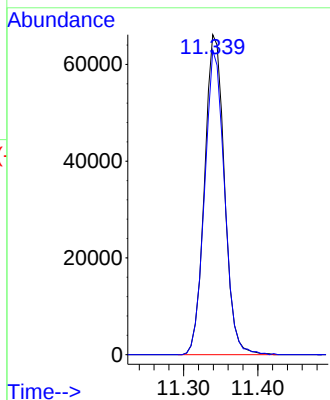
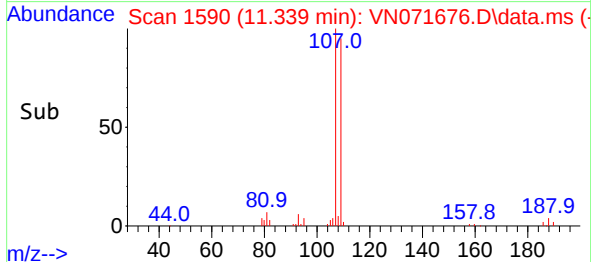
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



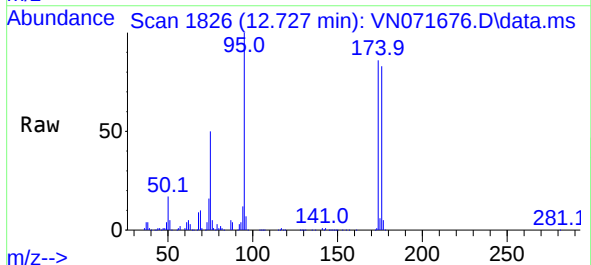
Tgt Ion:107 Resp: 123040
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6

Manual Integrations
APPROVED

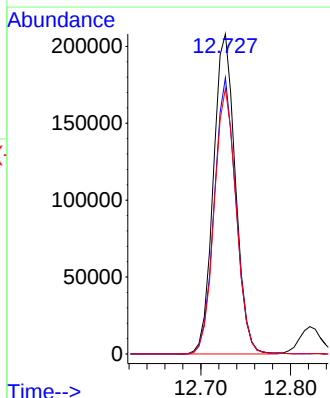
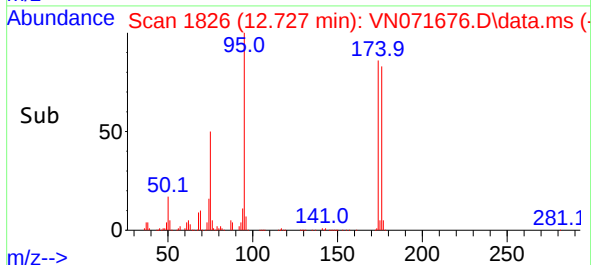
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

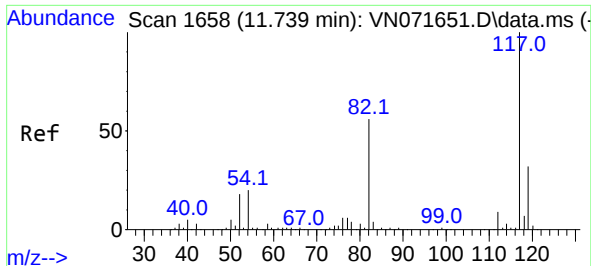


#62
4-Bromofluorobenzene
Concen: 48.362 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



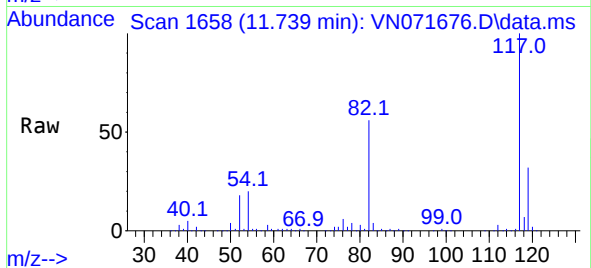
Tgt Ion: 95 Resp: 353714
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 82.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

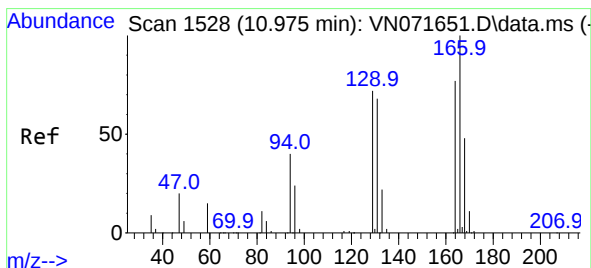
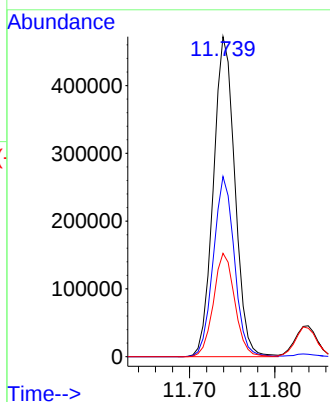
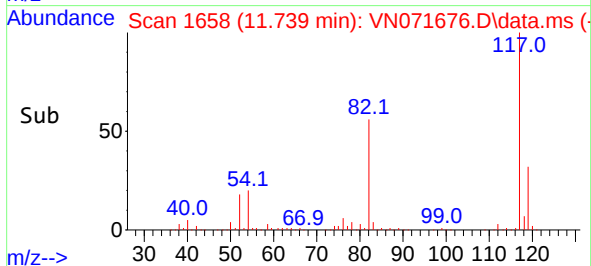
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



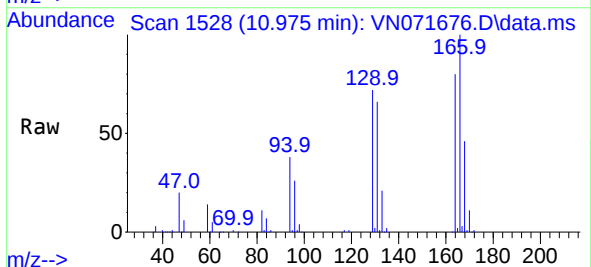
Tgt Ion:117 Resp: 827035
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
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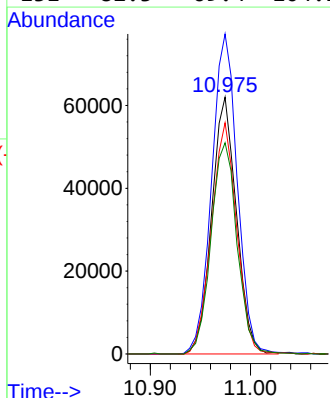
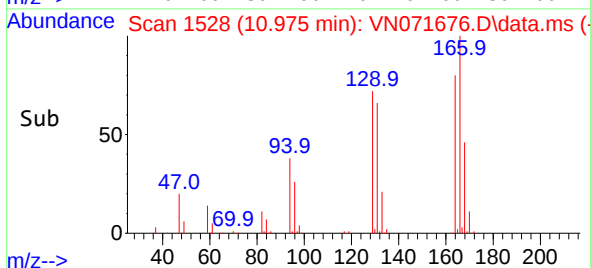
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

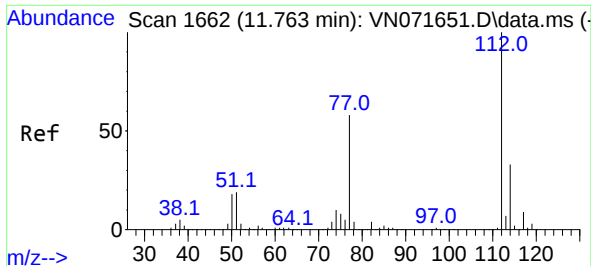


#64
Tetrachloroethene
Concen: 19.514 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



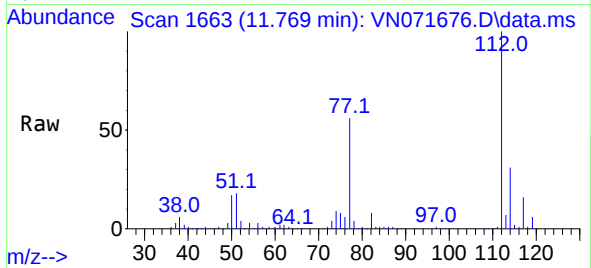
Tgt Ion:164 Resp: 106571
Ion Ratio Lower Upper
164 100
166 124.6 104.2 156.2
129 90.0 73.9 110.9
131 82.3 69.4 104.2





#65
Chlorobenzene
Concen: 19.282 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

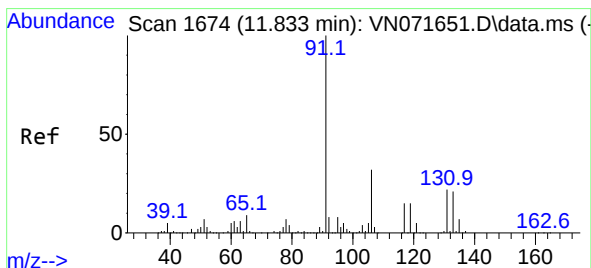
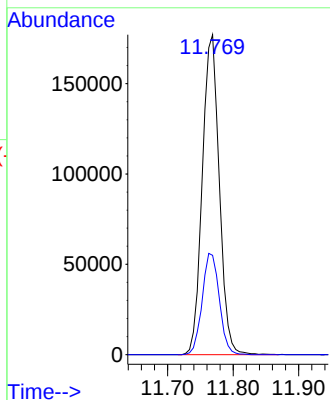
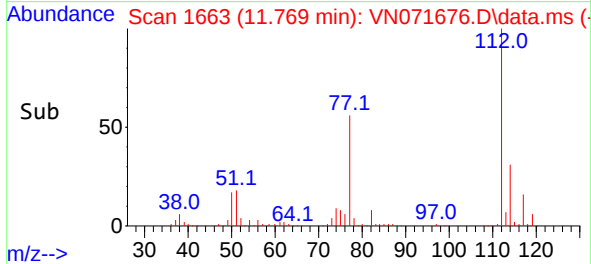
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



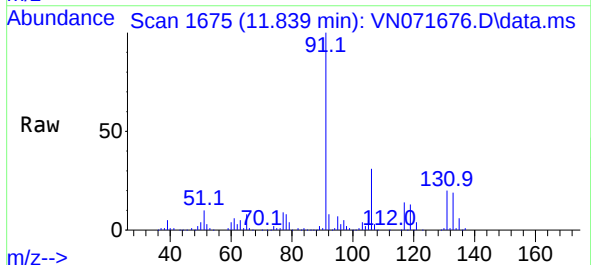
Tgt Ion:112 Resp: 319309
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

Manual Integrations
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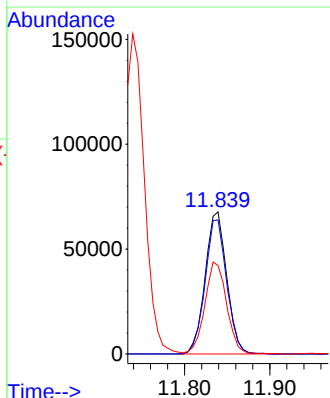
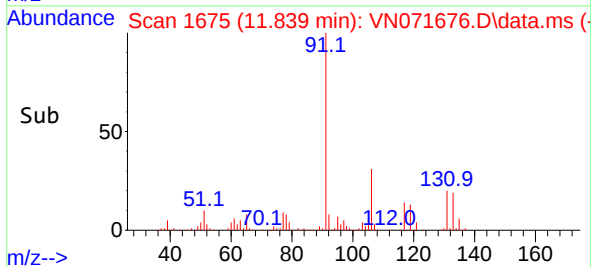
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

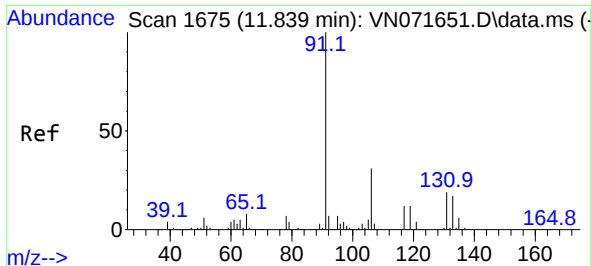


#66
1,1,1,2-Tetrachloroethane
Concen: 19.959 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



Tgt Ion:131 Resp: 119271
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 65.4 33.4 100.2





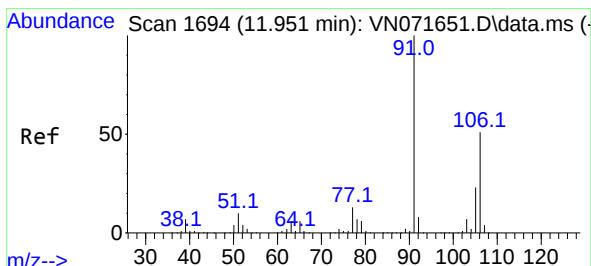
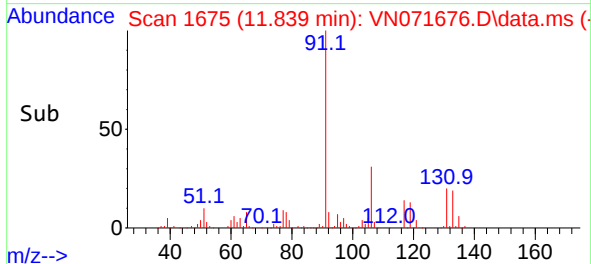
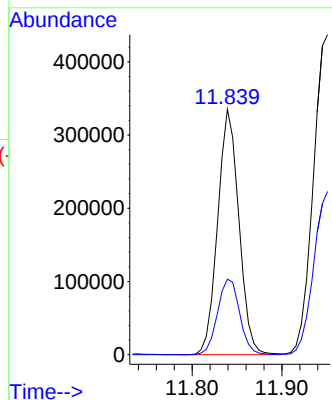
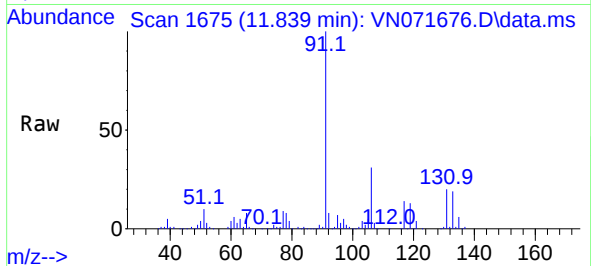
#67
Ethyl Benzene
Concen: 19.640 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02

Tgt Ion: 91 Resp: 550582
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

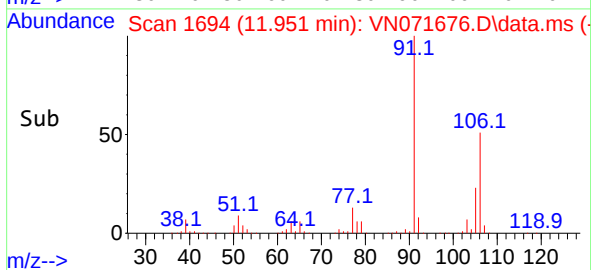
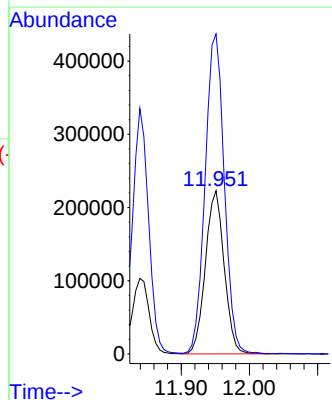
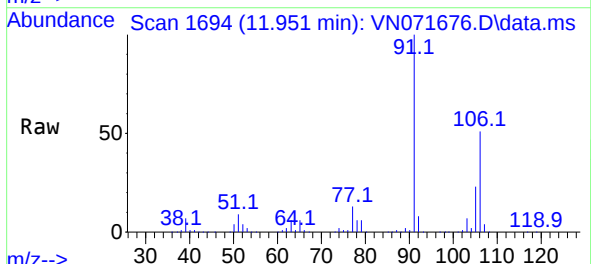
Manual Integrations
APPROVED

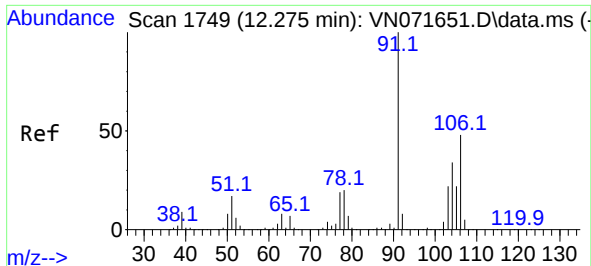
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#68
m/p-Xylenes
Concen: 39.589 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Tgt Ion:106 Resp: 426431
Ion Ratio Lower Upper
106 100
91 199.9 158.9 238.3





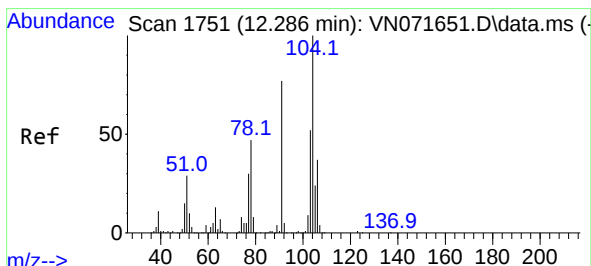
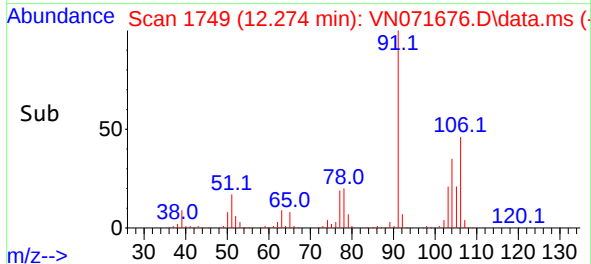
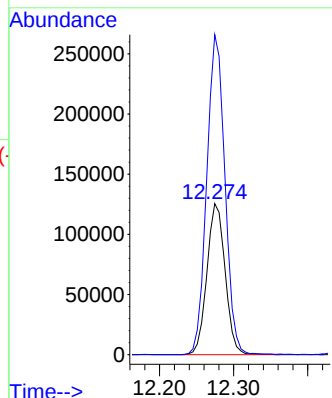
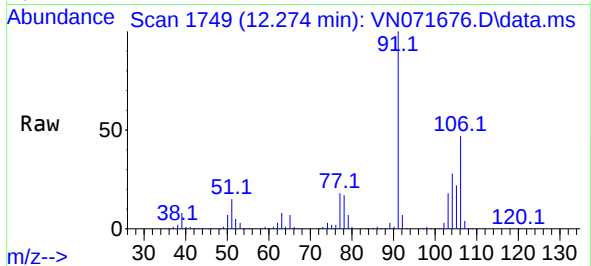
#69
o-Xylene
Concen: 20.025 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02

Tgt Ion:106 Resp: 214094
Ion Ratio Lower Upper
106 100
91 211.9 106.0 318.0

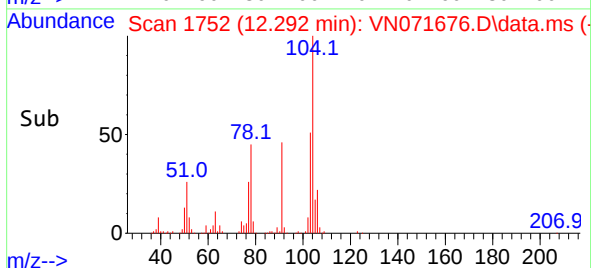
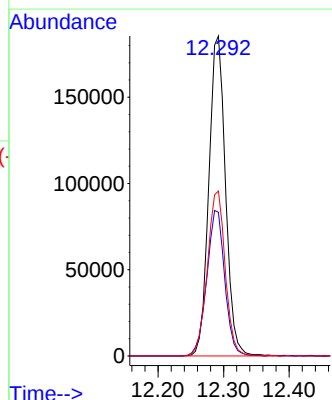
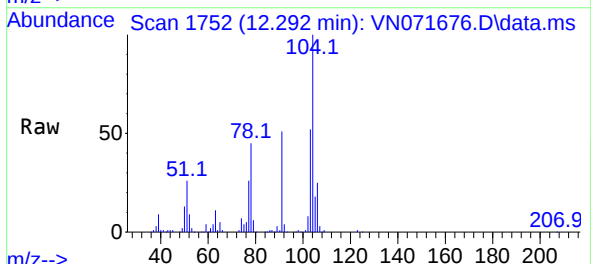
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 20.260 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

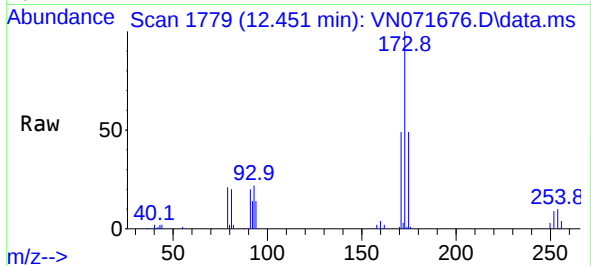
Tgt Ion:104 Resp: 328194
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 20.340 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

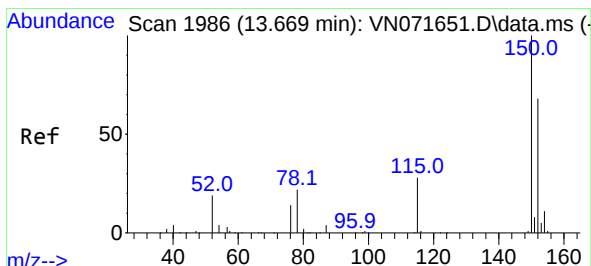
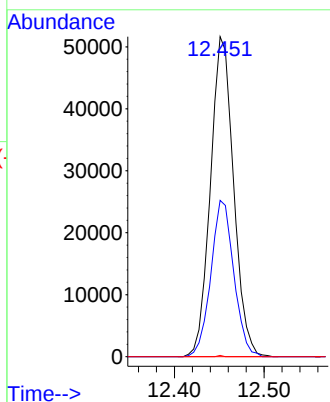
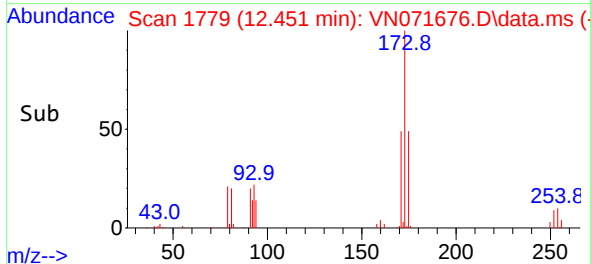
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



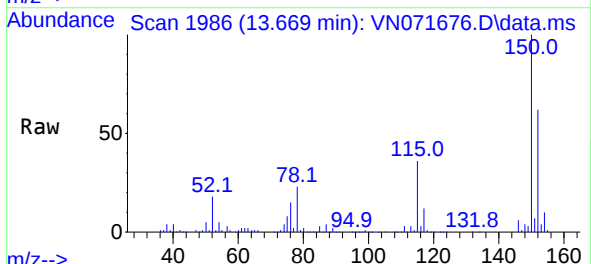
Tgt Ion:173 Resp: 92560
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

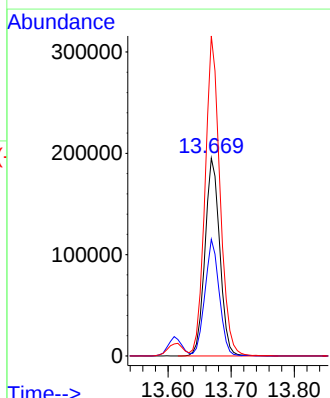
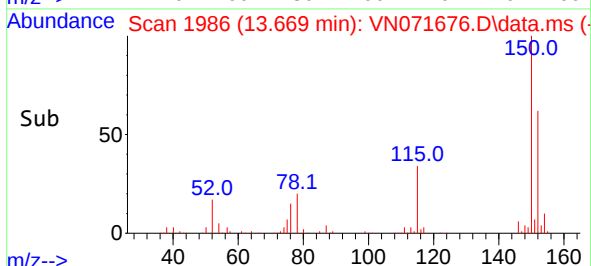
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

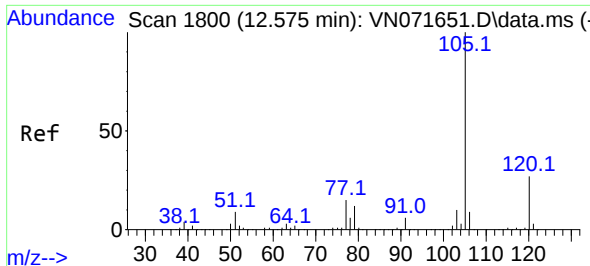


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



Tgt Ion:152 Resp: 316630
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 163.5 0.0 356.2





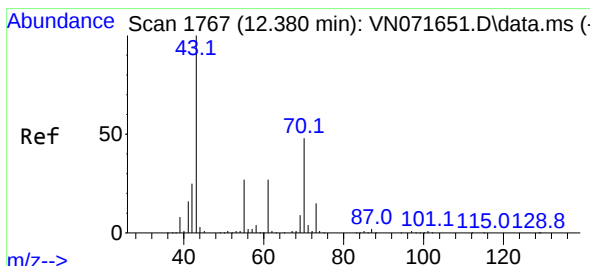
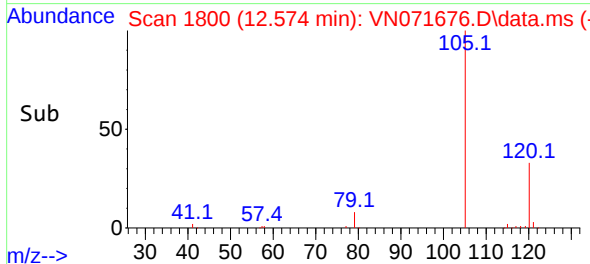
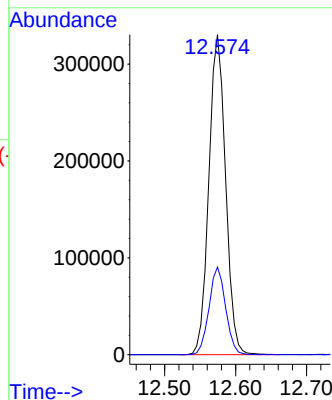
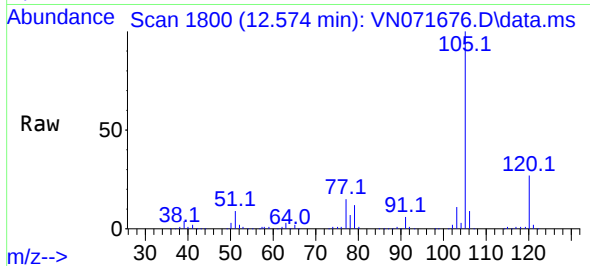
#73
Isopropylbenzene
Concen: 20.275 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02

Tgt Ion:105 Resp: 540964
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

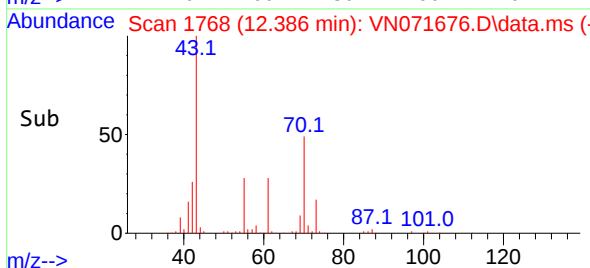
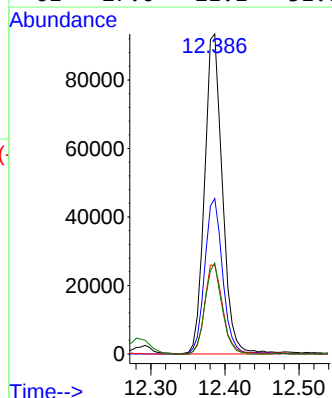
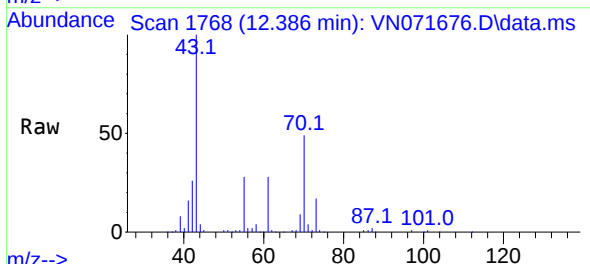
Manual Integrations
APPROVED

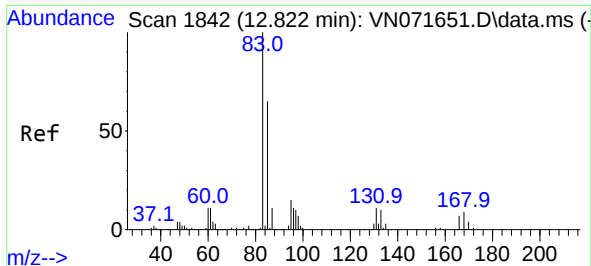
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
N-ethyl acetate
Concen: 20.470 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

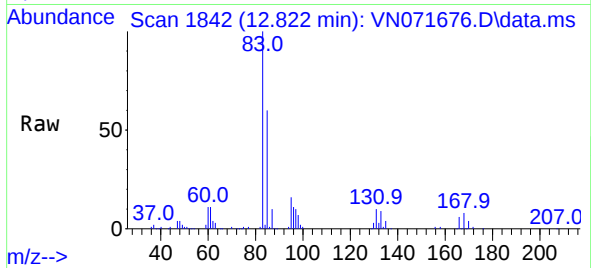
Tgt Ion: 43 Resp: 156489
Ion Ratio Lower Upper
43 100
70 48.7 39.0 58.4
55 28.3 21.1 31.7
61 27.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.937 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

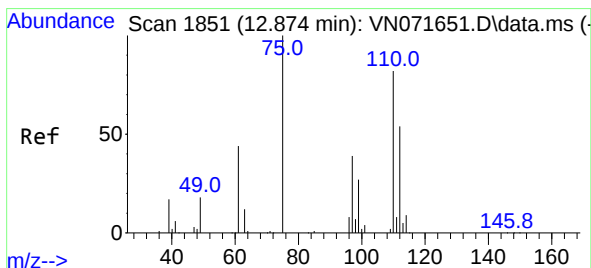
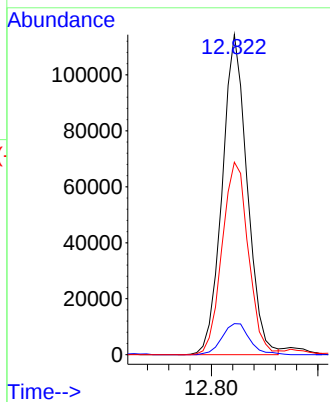
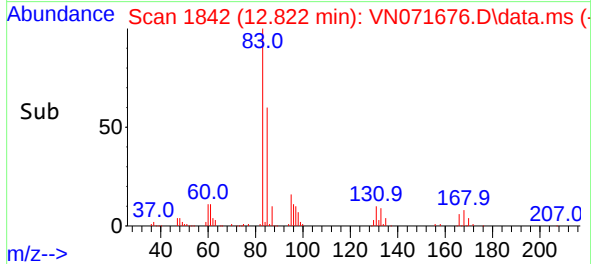
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



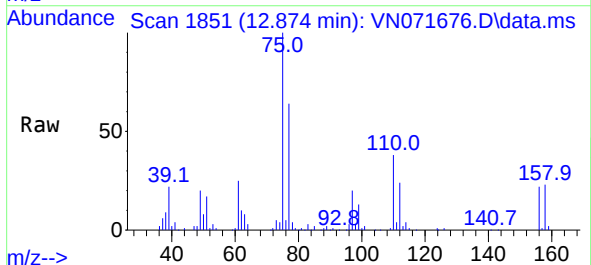
Tgt Ion: 83 Resp: 186388
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 63.5 32.3 96.9

Manual Integrations
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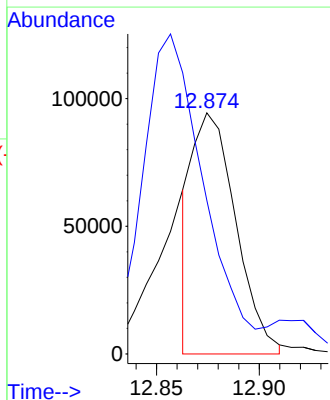
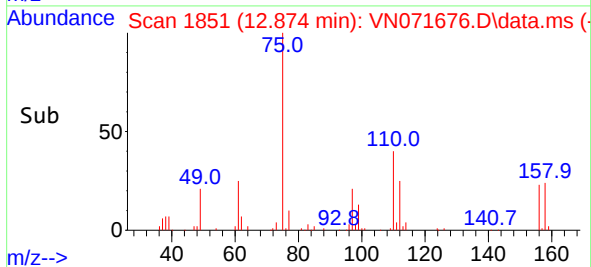
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

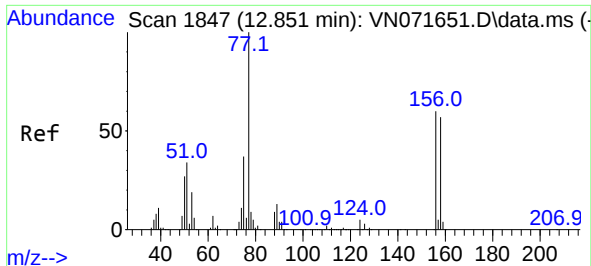


#76
1,2,3-Trichloropropane
Concen: 18.904 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



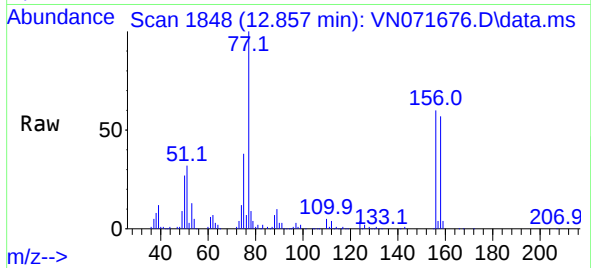
Tgt Ion: 75 Resp: 138658
Ion Ratio Lower Upper
75 100
77 187.7 98.5 295.5





#77
Bromobenzene
Concen: 19.252 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

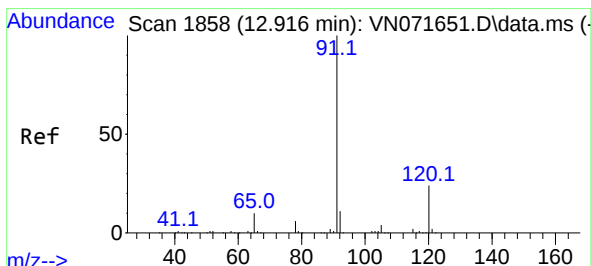
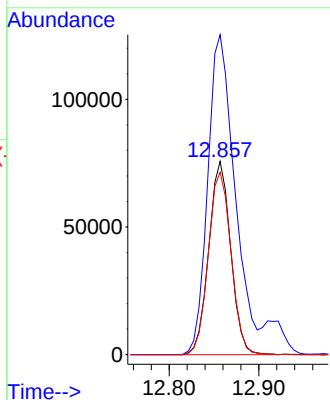
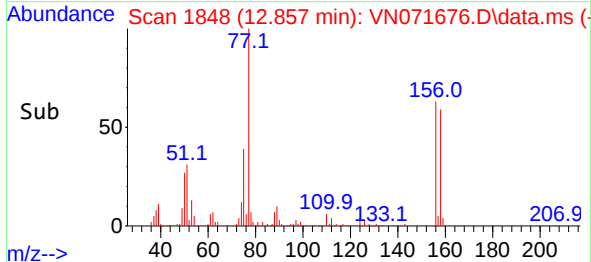
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



Tgt Ion:156 Resp: 128772
Ion Ratio Lower Upper
156 100
77 202.1 100.5 301.5
158 97.6 48.9 146.6

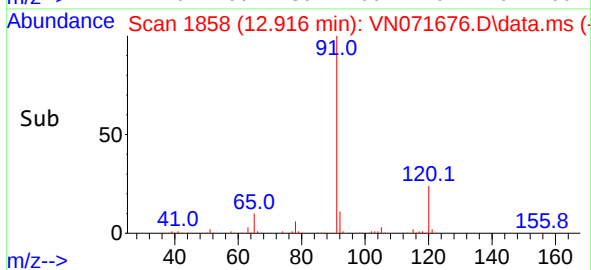
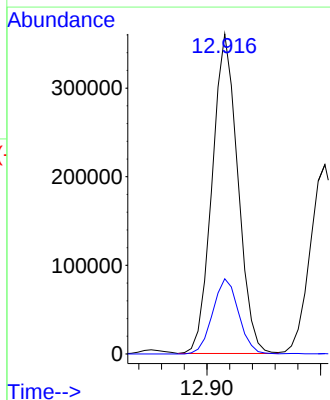
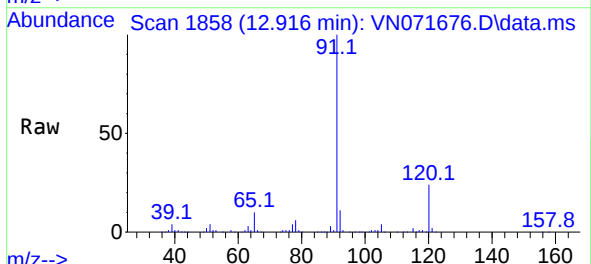
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 20.206 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

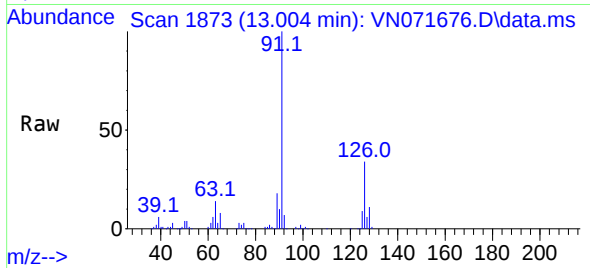
Tgt Ion: 91 Resp: 567118
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 20.123 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

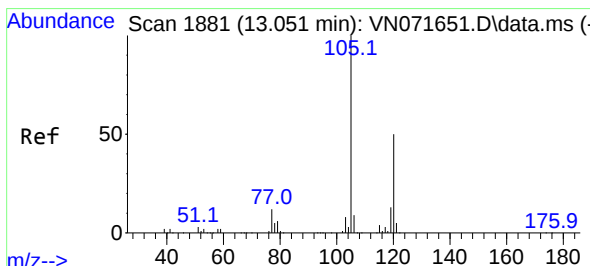
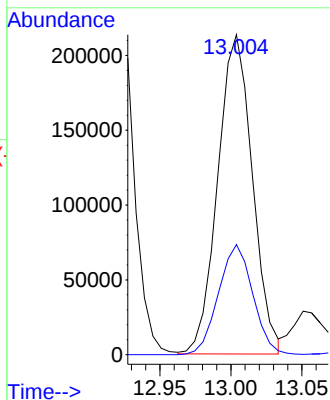
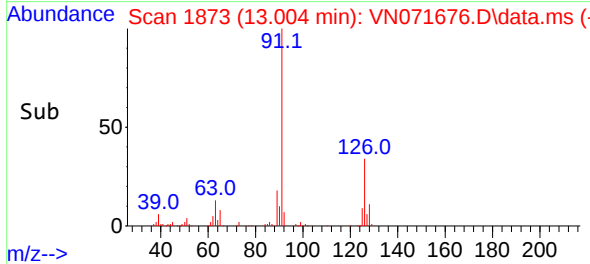
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



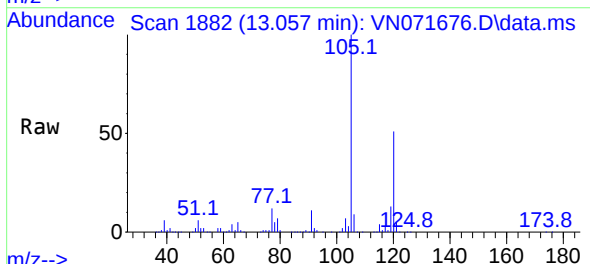
Tgt Ion: 91 Resp: 362190
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9

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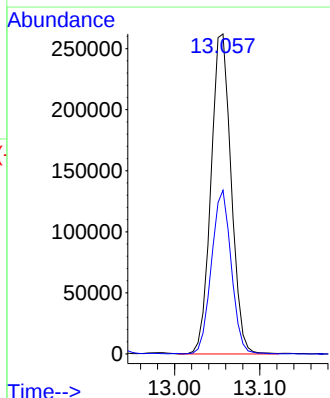
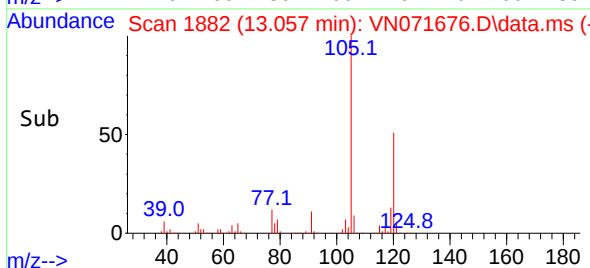
Reviewed By :John Carlone 03/31/2022
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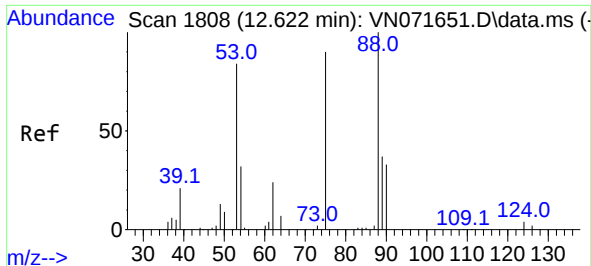


#80
1,3,5-Trimethylbenzene
Concen: 20.389 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



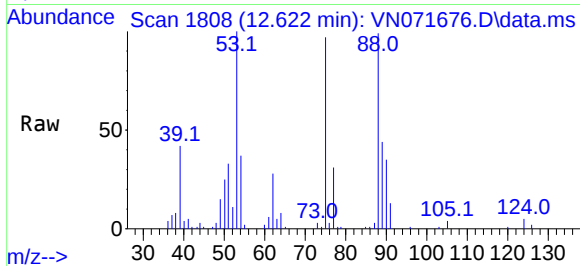
Tgt Ion:105 Resp: 431019
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.850 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

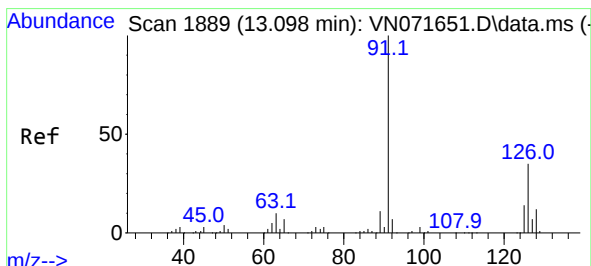
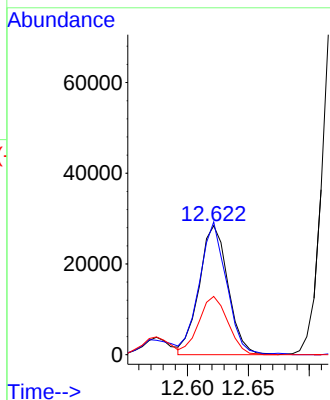
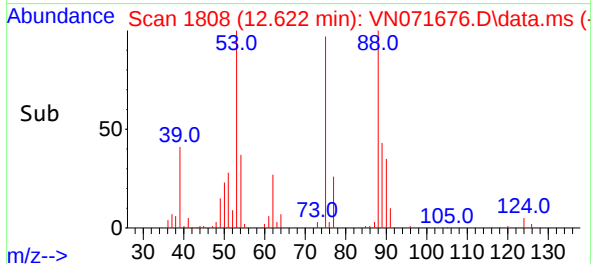
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



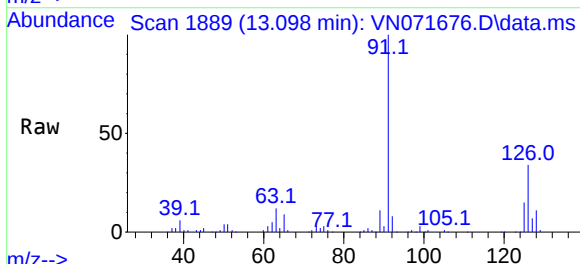
Tgt Ion: 75 Resp: 4698
Ion Ratio Lower Upper
75 100
53 97.3 78.0 117.0
89 45.7 37.2 55.8

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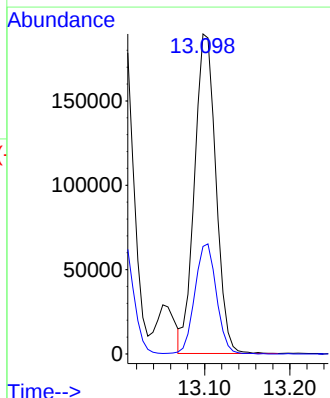
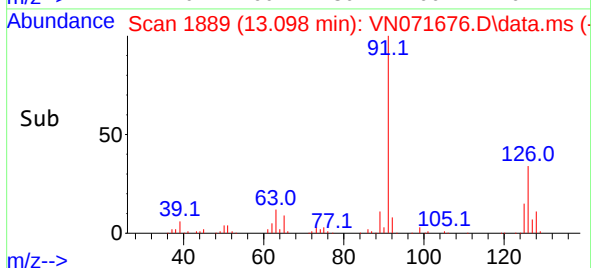
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

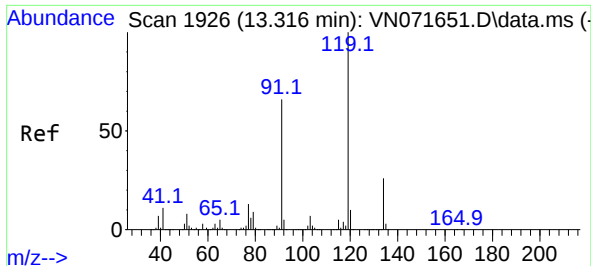


#82
4-Chlorotoluene
Concen: 19.765 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



Tgt Ion: 91 Resp: 329768
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





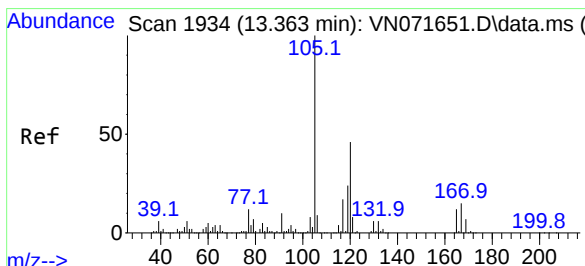
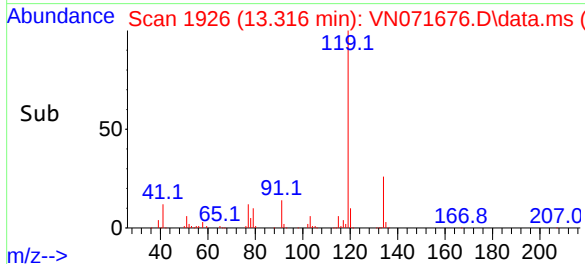
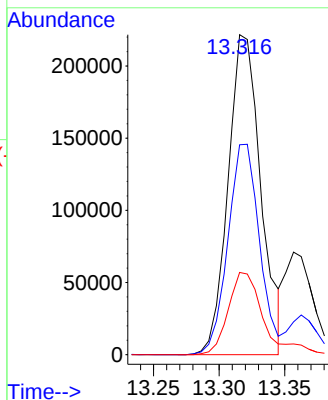
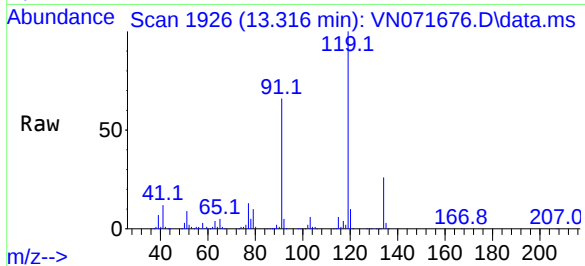
#83
tert-Butylbenzene
Concen: 19.977 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02

Tgt Ion:119 Resp: 38604
Ion Ratio Lower Upper
119 100
91 63.3 31.6 94.8
134 27.7 13.7 41.1

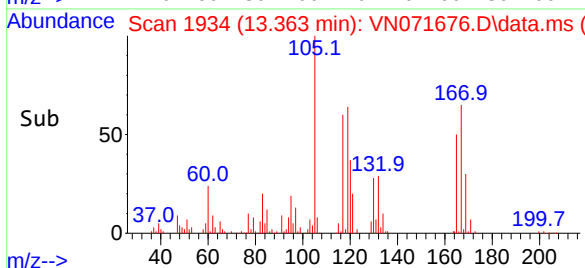
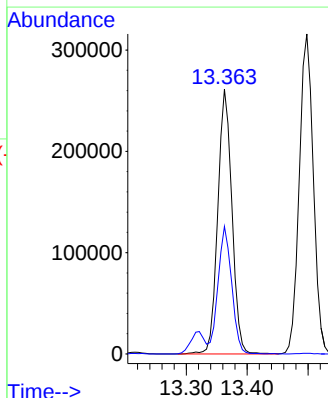
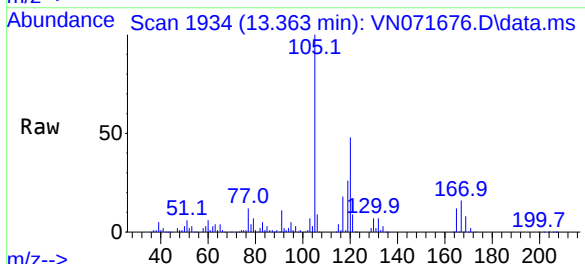
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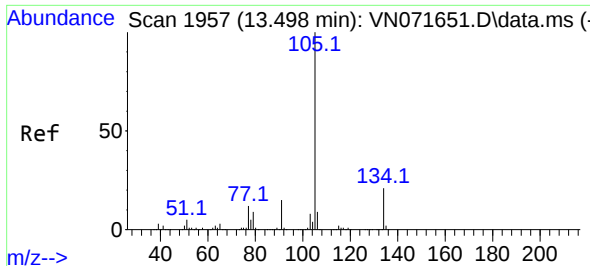
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.488 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

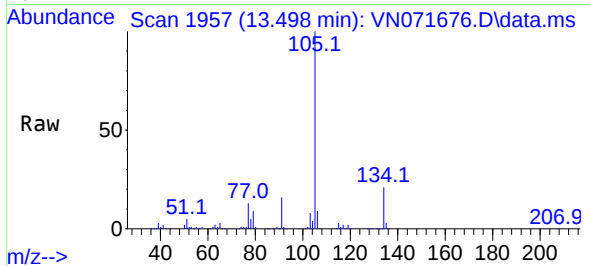
Tgt Ion:105 Resp: 422584
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.238 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071676.D
 Acq: 30 Mar 2022 22:56

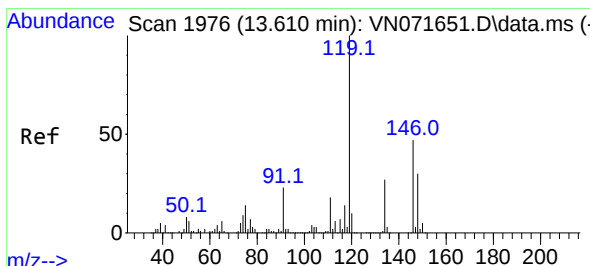
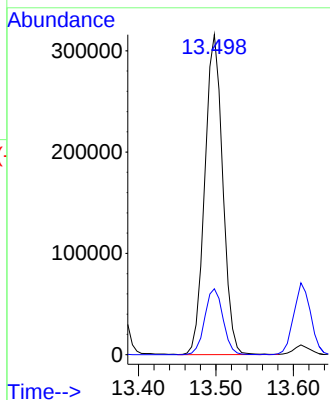
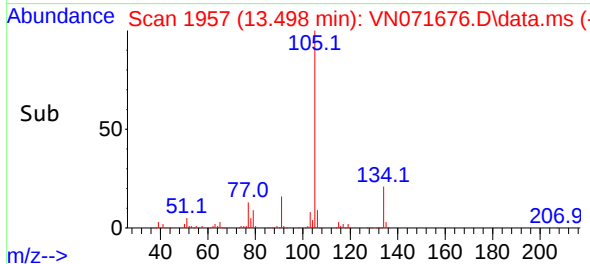
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBS02



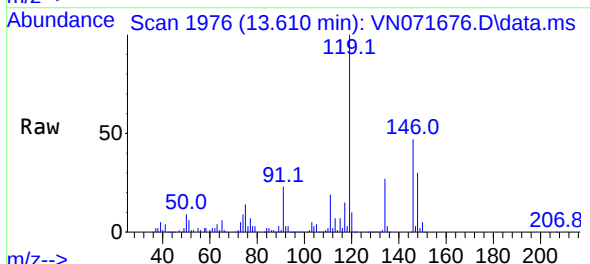
Tgt Ion:105 Resp: 506968
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

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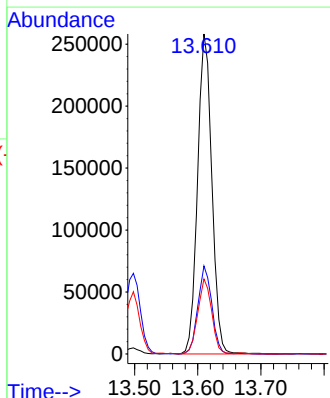
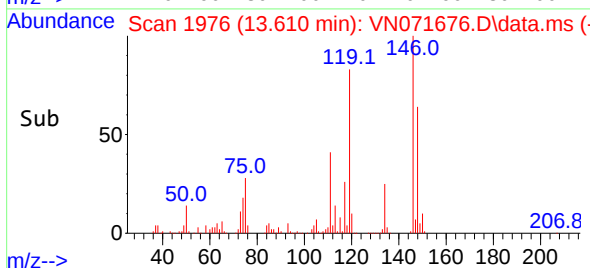
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022

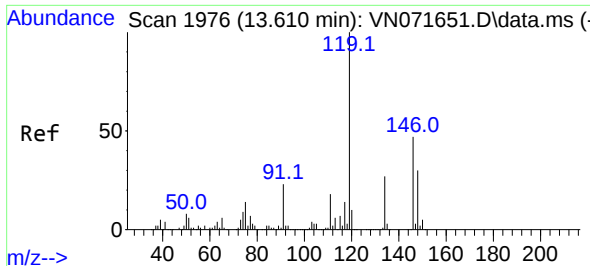


#86
 p-Isopropyltoluene
 Concen: 20.253 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071676.D
 Acq: 30 Mar 2022 22:56



Tgt Ion:119 Resp: 404527
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.503 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071676.D

Acq: 30 Mar 2022 22:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBS02

Tgt Ion:146 Resp: 207820

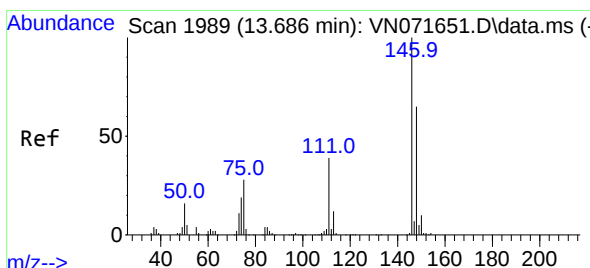
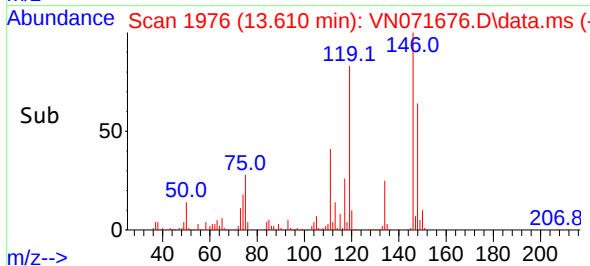
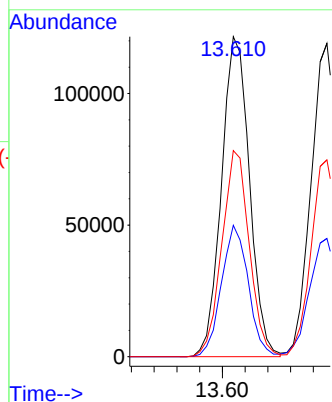
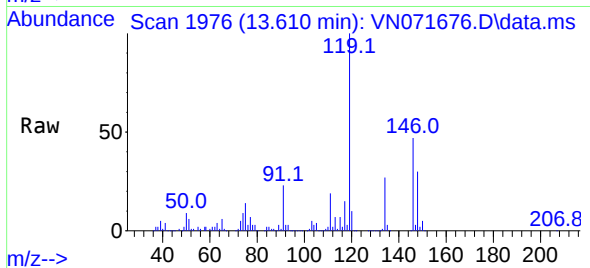
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	63.2	32.0	96.0

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#88

1,4-Dichlorobenzene

Concen: 19.468 ug/l

RT: 13.692 min Scan# 1990

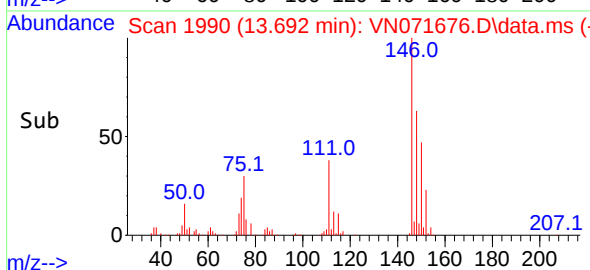
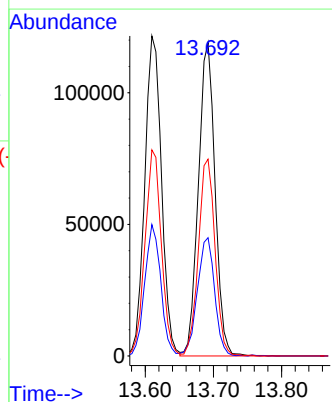
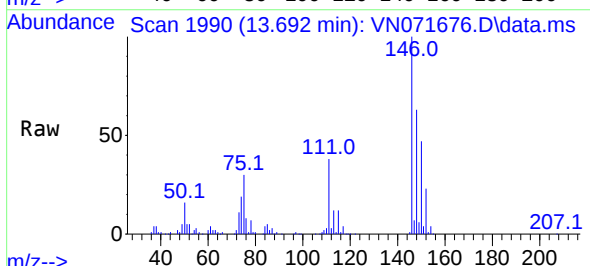
Delta R.T. 0.006 min

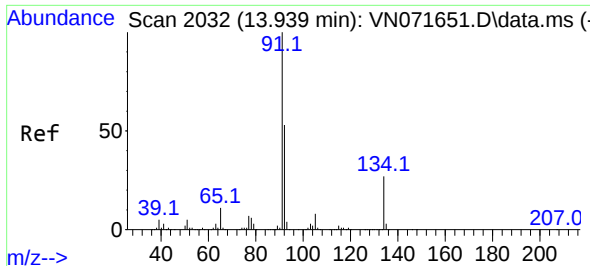
Lab File: VN071676.D

Acq: 30 Mar 2022 22:56

Tgt Ion:146 Resp: 202390

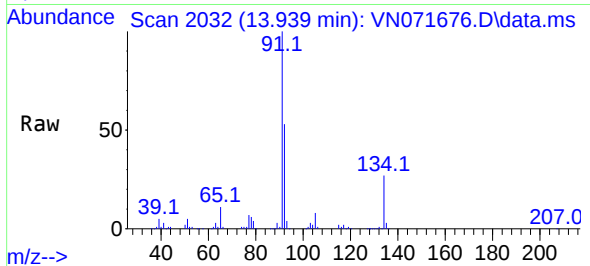
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	63.0	31.4	94.3





#89
n-Butylbenzene
Concen: 18.495 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

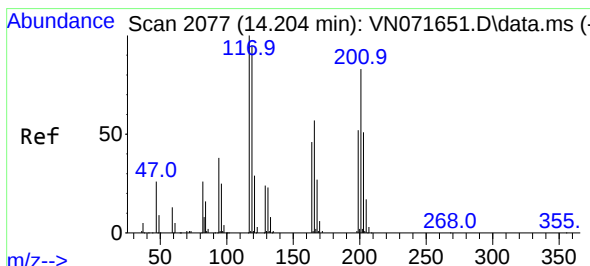
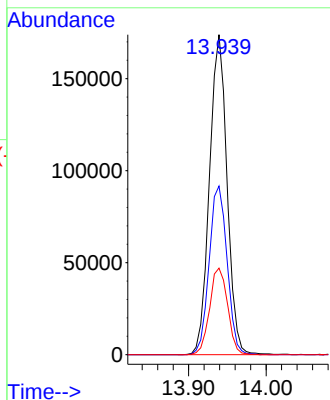
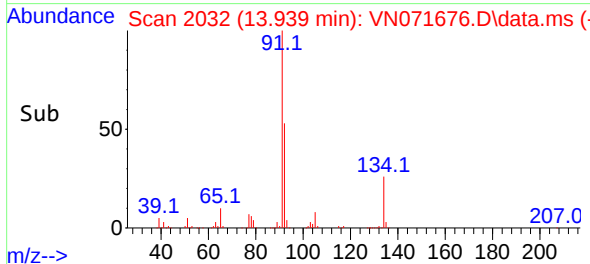
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



Tgt Ion: 91 Resp: 27399
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 27.7 13.6 40.8

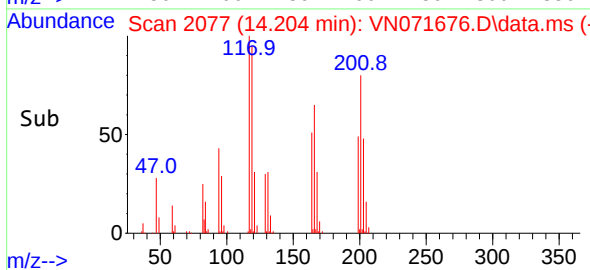
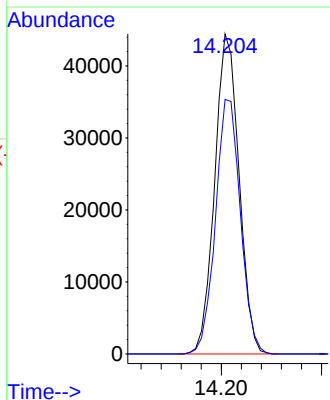
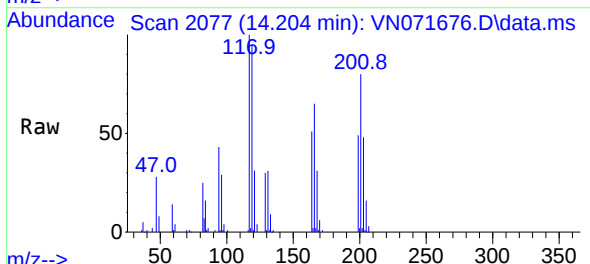
Manual Integrations
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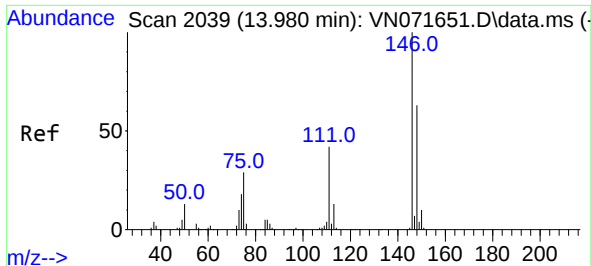
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 20.496 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Tgt Ion:117 Resp: 74940
Ion Ratio Lower Upper
117 100
201 81.5 40.6 122.0





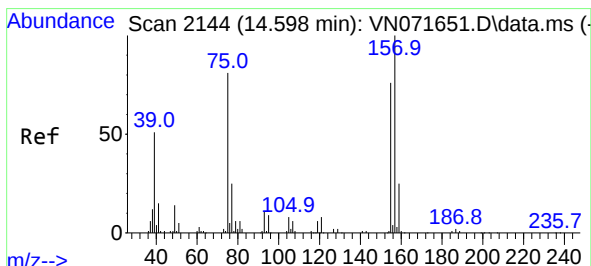
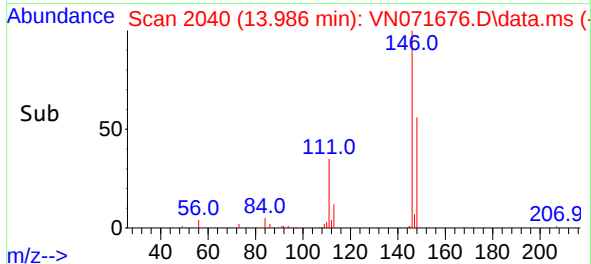
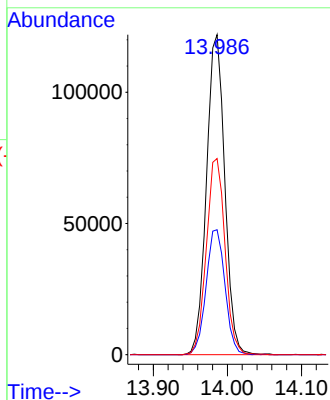
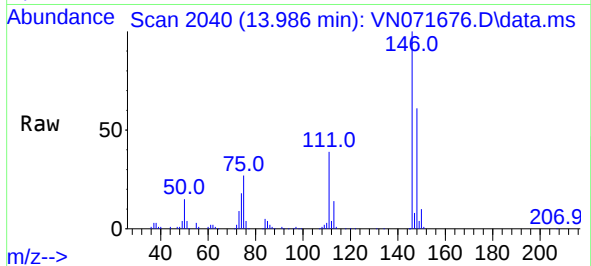
#91
1,2-Dichlorobenzene
Concen: 19.974 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02

Tgt Ion:146 Resp: 208952
Ion Ratio Lower Upper
146 100
111 40.4 20.9 62.8
148 62.6 32.1 96.3

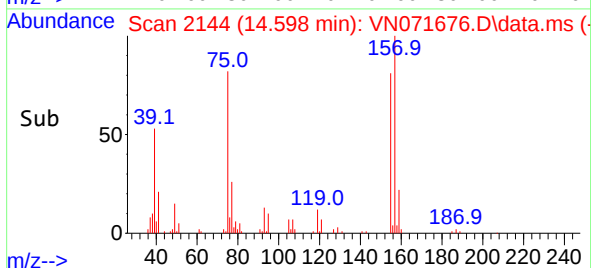
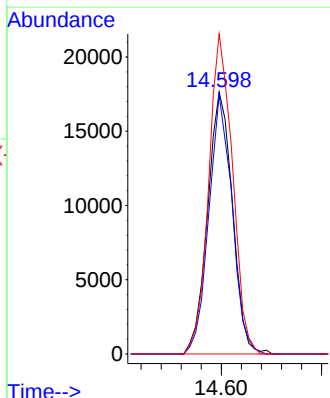
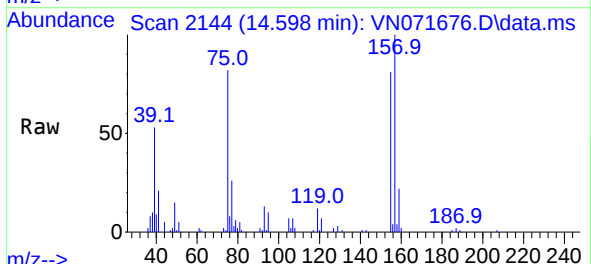
Manual Integrations
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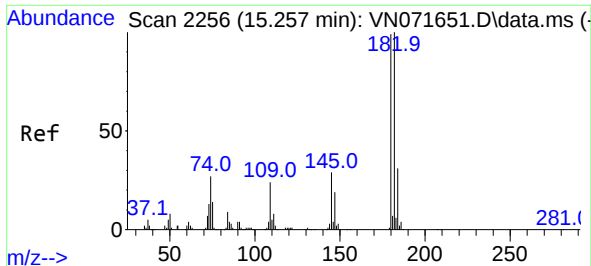
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.972 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

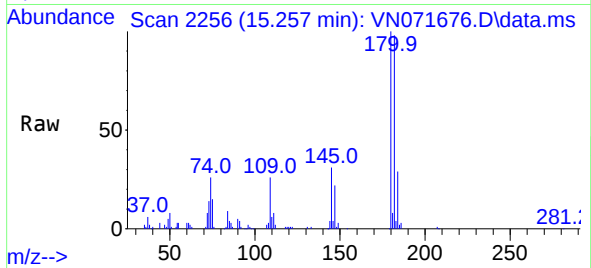
Tgt Ion: 75 Resp: 30341
Ion Ratio Lower Upper
75 100
155 92.5 44.9 134.5
157 117.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 18.109 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

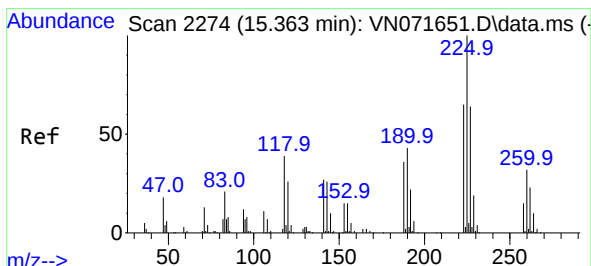
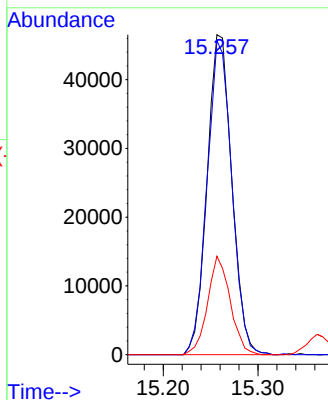
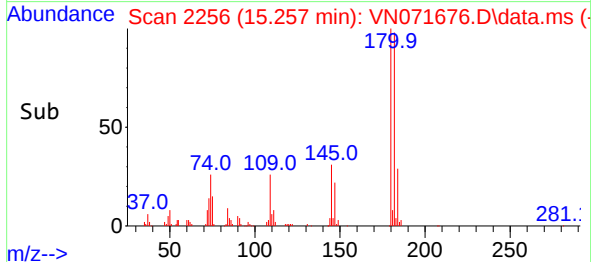
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



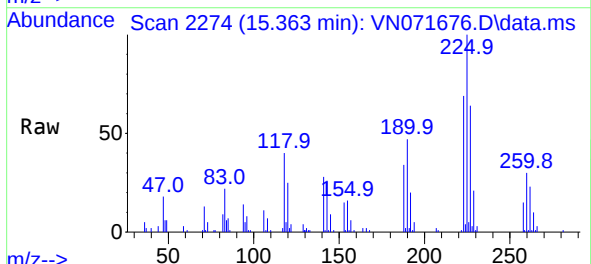
Tgt Ion:180 Resp: 84259
Ion Ratio Lower Upper
180 100
182 98.0 47.5 142.5
145 28.2 14.5 43.5

Manual Integrations
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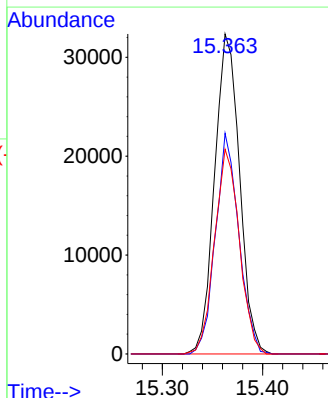
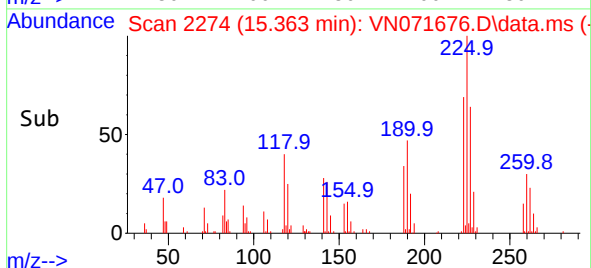
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#94
Hexachlorobutadiene
Concen: 18.142 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56



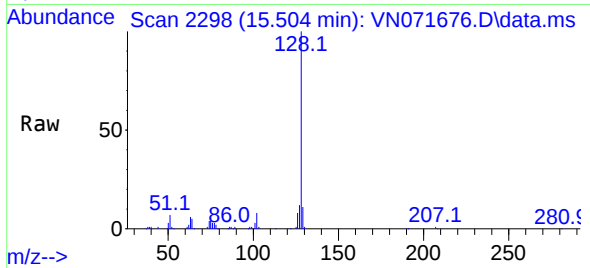
Tgt Ion:225 Resp: 55974
Ion Ratio Lower Upper
225 100
223 64.5 32.4 97.2
227 63.5 31.8 95.4





#95
Naphthalene
Concen: 17.324 ug/l
RT: 15.504 min Scan# 21099
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

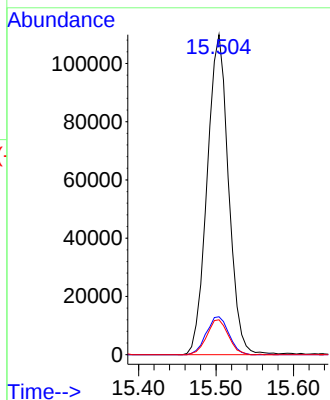
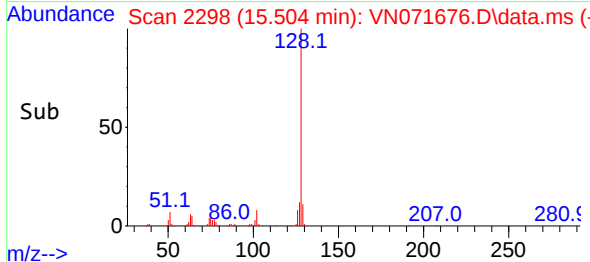
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBS02



Tgt Ion:128 Resp: 21099
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.869 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071676.D
Acq: 30 Mar 2022 22:56

Tgt Ion:180 Resp: 84397
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 31.1 15.5 46.5

