

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072143.D
 Acq On : 21 Apr 2022 22:22
 Operator : JC\MD
 Sample : N2481-12MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

Quant Time: Apr 22 01:28:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	487408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	766388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	727291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	293798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	257182	46.220	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.440%		
35) Dibromofluoromethane	8.016	113	232712	51.602	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.200%		
50) Toluene-d8	10.439	98	916466	49.677	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.727	95	311559	52.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	226469	58.445	ug/l	99
3) Chloromethane	2.298	50	242242	49.334	ug/l	97
4) Vinyl Chloride	2.440	62	233089	43.227	ug/l	96
5) Bromomethane	2.822	94	113199	32.294	ug/l	99
6) Chloroethane	2.993	64	141062	36.364	ug/l	98
7) Trichlorofluoromethane	3.357	101	343023	50.000	ug/l	100
8) Diethyl Ether	3.822	74	156228	53.884	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.204	101	216502	51.211	ug/l	98
10) Methyl Iodide	4.422	142	317965	53.804	ug/l	99
11) Tert butyl alcohol	5.369	59	273478	302.855	ug/l	99
12) 1,1-Dichloroethene	4.175	96	216160	53.730	ug/l	91
13) Acrolein	4.040	56	218176	198.156	ug/l	98
14) Allyl chloride	4.834	41	326587	50.015	ug/l	92
15) Acrylonitrile	5.551	53	750870	286.076	ug/l	98
16) Acetone	4.287	43	586878	246.795	ug/l #	87
17) Carbon Disulfide	4.528	76	506086	54.826	ug/l	98
18) Methyl Acetate	4.851	43	289675	49.167	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	788727	52.772	ug/l	98
20) Methylene Chloride	5.092	84	268016	53.473	ug/l	94
21) trans-1,2-Dichloroethene	5.592	96	230696	52.235	ug/l	95
22) Diisopropyl ether	6.492	45	713188	50.170	ug/l	95
23) Vinyl Acetate	6.428	43	2755643	243.768	ug/l	97
24) 1,1-Dichloroethane	6.386	63	434601	52.078	ug/l	97
25) 2-Butanone	7.328	43	918430	267.907	ug/l	95
26) 2,2-Dichloropropane	7.322	77	298066	41.577	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	289096	53.380	ug/l	93
28) Bromochloromethane	7.657	49	151740	45.075	ug/l	93
29) Tetrahydrofuran	7.680	42	603702	271.964	ug/l	95
30) Chloroform	7.816	83	453314	51.444	ug/l	100
31) Cyclohexane	8.092	56	375448	49.615	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	387969	51.466	ug/l	98
36) 1,1-Dichloropropene	8.216	75	322198	51.161	ug/l	99
37) Ethyl Acetate	7.410	43	401213	58.205	ug/l	96
38) Carbon Tetrachloride	8.204	117	321081	52.022	ug/l	96
39) Methylcyclohexane	9.457	83	401187	53.516	ug/l	99
40) Benzene	8.457	78	1058409	53.202	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	184435	54.646	ug/l	94
42) 1,2-Dichloroethane	8.527	62	335649	48.773	ug/l	96
43) Isopropyl Acetate	8.557	43	534185	46.592	ug/l	96
44) Trichloroethene	9.216	130	270754	52.827	ug/l	99
45) 1,2-Dichloropropane	9.486	63	261356	52.587	ug/l	98
46) Dibromomethane	9.574	93	178177	52.803	ug/l	97
47) Bromodichloromethane	9.757	83	346236	52.125	ug/l	99
48) Methyl methacrylate	9.557	41	258898	54.428	ug/l	91
49) 1,4-Dioxane	9.563	88	136838	1215.568	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	1870985	283.832	ug/l	95
52) Toluene	10.504	92	702466	55.859	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	375548	53.945	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	409486	53.235	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	280103	54.120	ug/l	98
56) Ethyl methacrylate	10.757	69	451785	61.189	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	468287	54.115	ug/l	100
59) 2-Hexanone	11.080	43	1338895	288.491	ug/l	93
60) Dibromochloromethane	11.233	129	293779	58.214	ug/l	100
61) 1,2-Dibromoethane	11.339	107	289964	56.915	ug/l	100
64) Tetrachloroethene	10.974	164	236775	49.302	ug/l	97
65) Chlorobenzene	11.768	112	763792	52.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	274050	52.151	ug/l	100
67) Ethyl Benzene	11.839	91	1327019	53.828	ug/l	98
68) m/p-Xylenes	11.951	106	1030620	108.803	ug/l	98
69) o-Xylene	12.274	106	512597	54.521	ug/l	98
70) Styrene	12.292	104	824037	57.846	ug/l	98
71) Bromoform	12.457	173	231718	57.904	ug/l	98
73) Isopropylbenzene	12.574	105	1310680	52.941	ug/l	100
74) N-amyl acetate	12.386	43	349638	49.290	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	410328	49.673	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	311427m	45.757	ug/l	
77) Bromobenzene	12.857	156	315408	50.820	ug/l	96
78) n-propylbenzene	12.915	91	1390182	53.381	ug/l	100
79) 2-Chlorotoluene	13.004	91	866469	51.880	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1066021	54.345	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	112955	51.431	ug/l	94
82) 4-Chlorotoluene	13.104	91	789855	51.021	ug/l	99
83) tert-Butylbenzene	13.321	119	944676	52.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1043040	54.498	ug/l	99
85) sec-Butylbenzene	13.498	105	1266224	54.475	ug/l	100
86) p-Isopropyltoluene	13.610	119	1032228	55.695	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	506647	51.241	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	482969	50.068	ug/l	98
89) n-Butylbenzene	13.939	91	733295	53.346	ug/l	99
90) Hexachloroethane	14.204	117	187017	55.124	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	493673	50.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	72511	56.592	ug/l	97
93) 1,2,4-Trichlorobenzene	15.256	180	234972	50.243	ug/l	99
94) Hexachlorobutadiene	15.362	225	132782	46.381	ug/l	99
95) Naphthalene	15.504	128	752243	55.753	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	244082	53.700	ug/l	100

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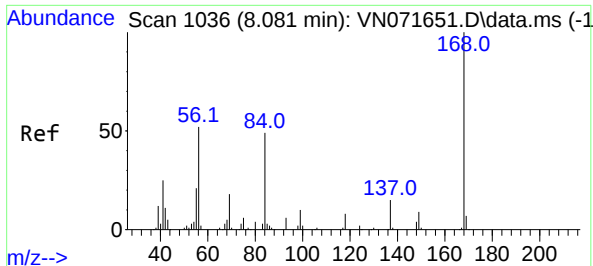
Manual Integrations
APPROVED

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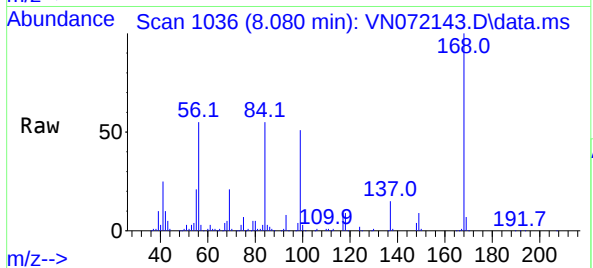
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
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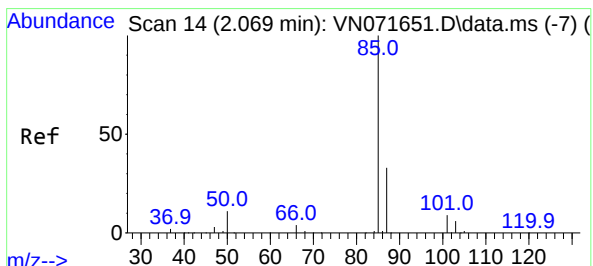
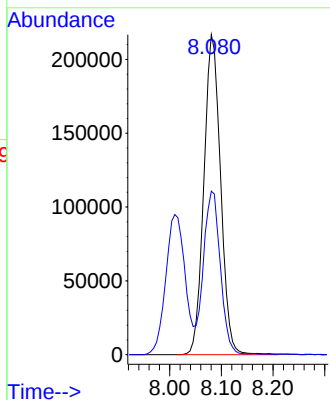
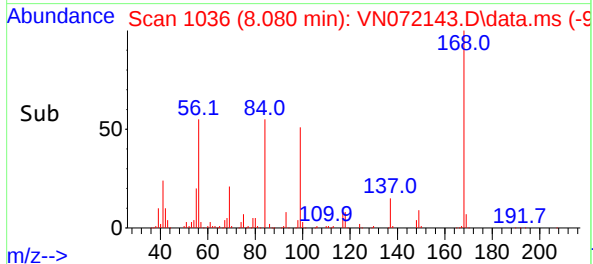
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



Tgt Ion:168 Resp: 487408
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5

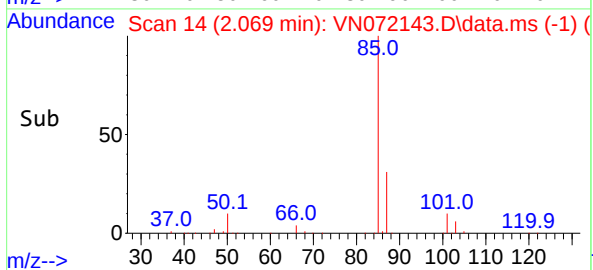
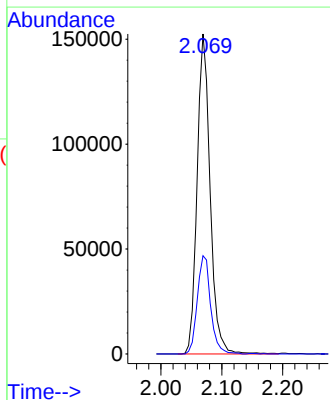
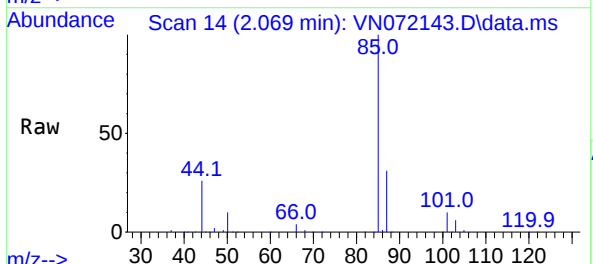
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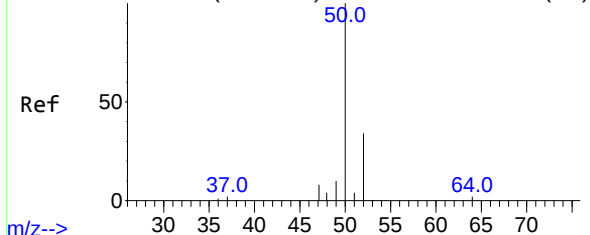


Dichlorodifluoromethane
Concen: 58.445 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Tgt Ion: 85 Resp: 226469
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.1



Abundance Scan 53 (2.298 min): VN071651.D\data.ms (-46)



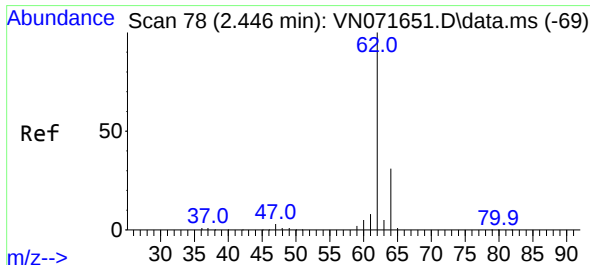
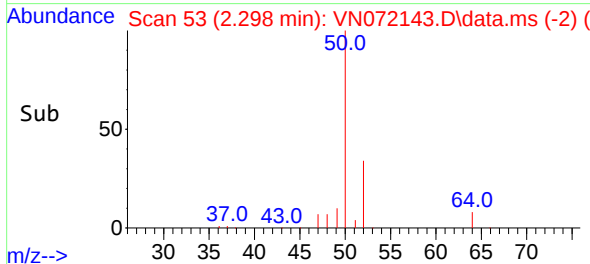
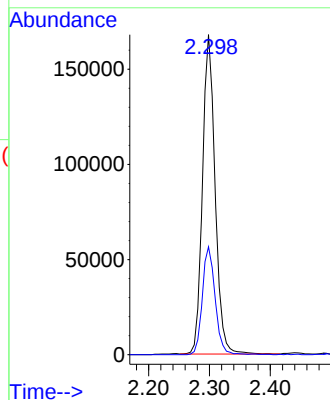
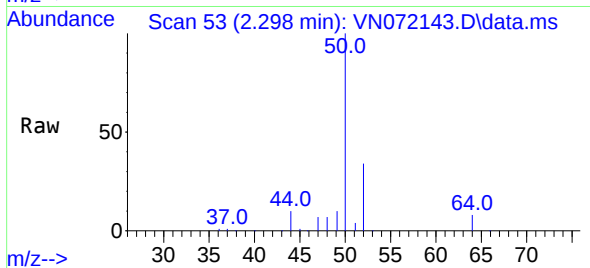
#3
Chloromethane
Concen: 49.334 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 24224
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

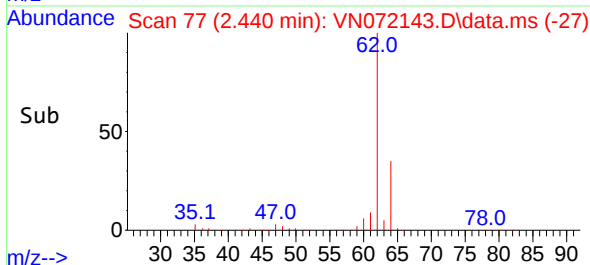
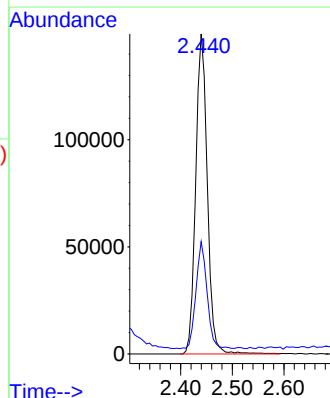
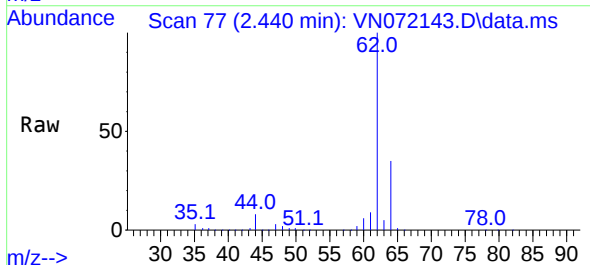
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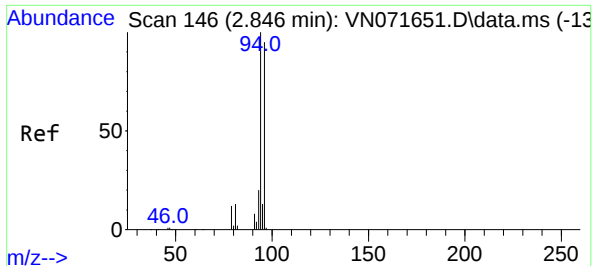
Reviewed By :John Carlone 04/22/2022
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#4
Vinyl Chloride
Concen: 43.227 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

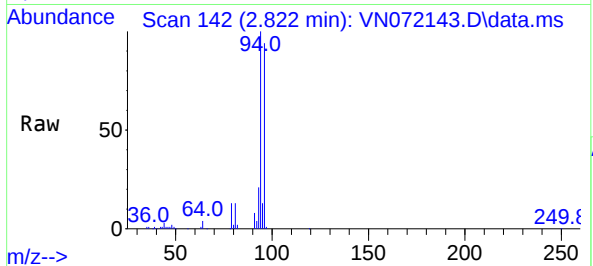
Tgt Ion: 62 Resp: 233089
Ion Ratio Lower Upper
62 100
64 33.5 25.0 37.4





#5
Bromomethane
Concen: 32.294 ug/l
RT: 2.822 min Scan# 146
Delta R.T. -0.024 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

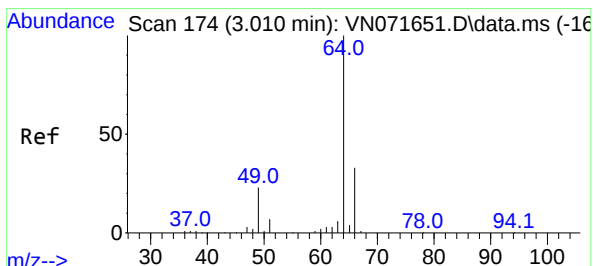
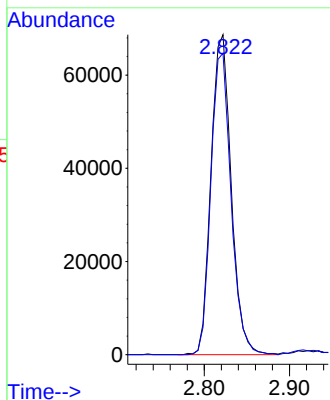
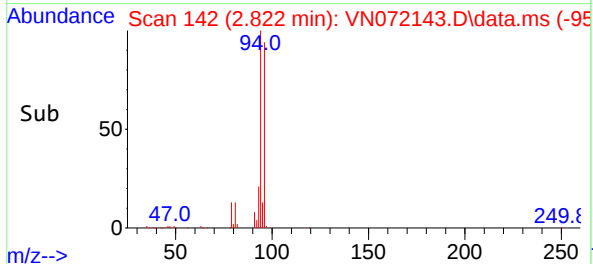
Instrument :
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Tgt Ion: 94 Resp: 113199
Ion Ratio Lower Upper
94 100
96 94.2 76.0 114.0

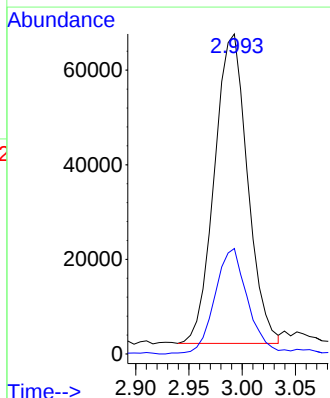
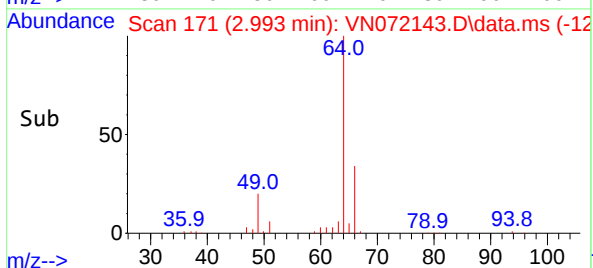
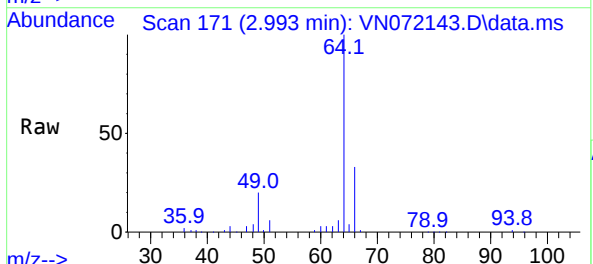
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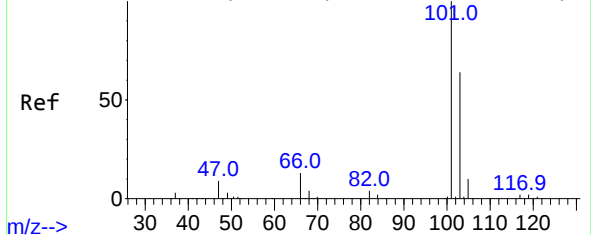


#6
Chloroethane
Concen: 36.364 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.017 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Tgt Ion: 64 Resp: 141062
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 50.000 ug/l

RT: 3.357 min Scan# 21

Delta R.T. -0.018 min

Lab File: VN072143.D

Acq: 21 Apr 2022 22:22

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

Tgt Ion:101 Resp: 34302

Ion Ratio Lower Upper

101 100

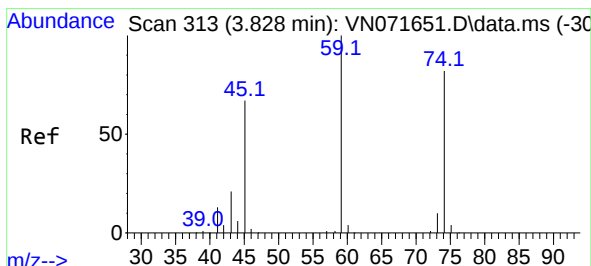
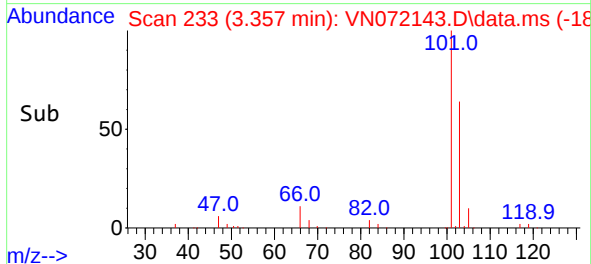
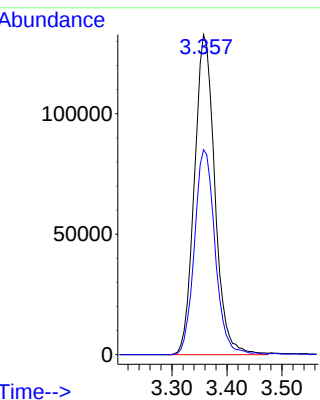
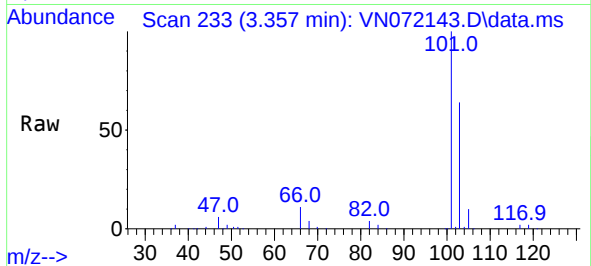
103 64.1 51.5 77.3

Manual Integrations

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#8

Diethyl Ether

Concen: 53.884 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN072143.D

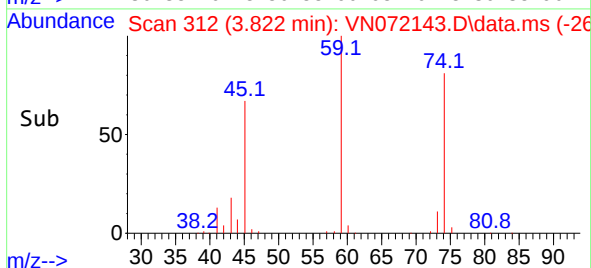
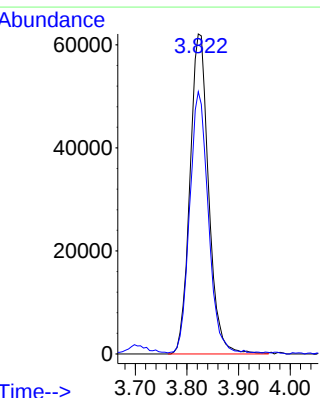
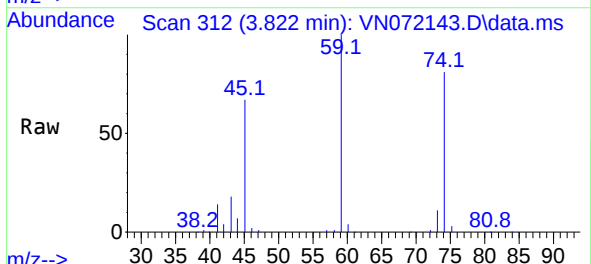
Acq: 21 Apr 2022 22:22

Tgt Ion: 74 Resp: 156228

Ion Ratio Lower Upper

74 100

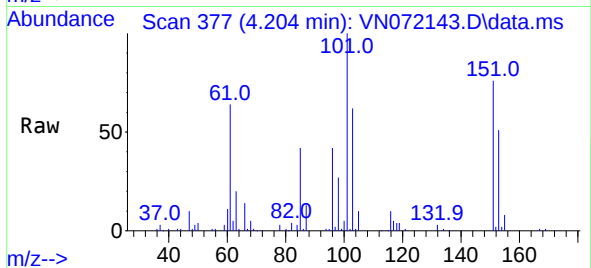
45 80.9 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.211 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072143.D
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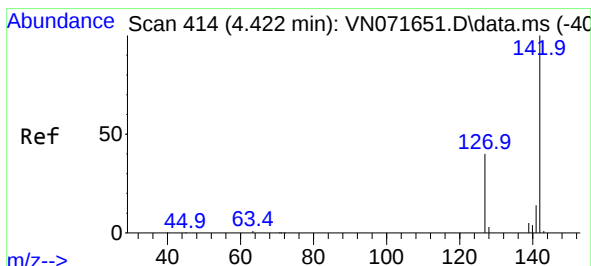
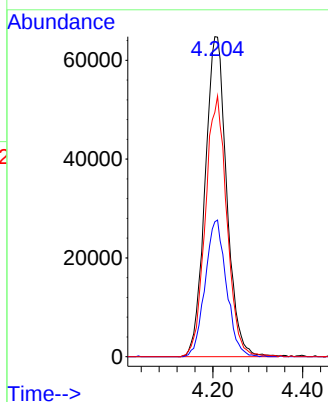
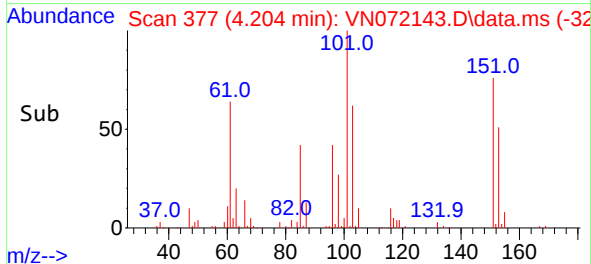
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



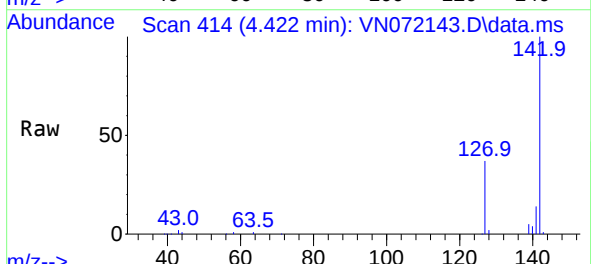
Tgt Ion:101 Resp: 21650
Ion Ratio Lower Upper
101 100
85 42.0 34.7 52.1
151 81.0 63.0 94.4

Manual Integrations
APPROVED

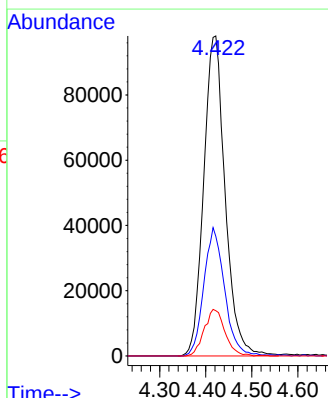
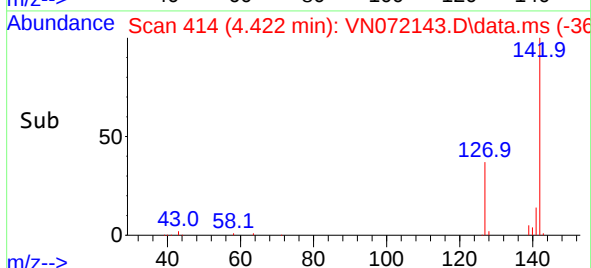
Reviewed By :John Carbone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

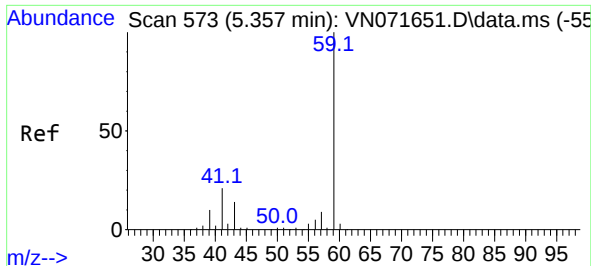


#10
Methyl Iodide
Concen: 53.804 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



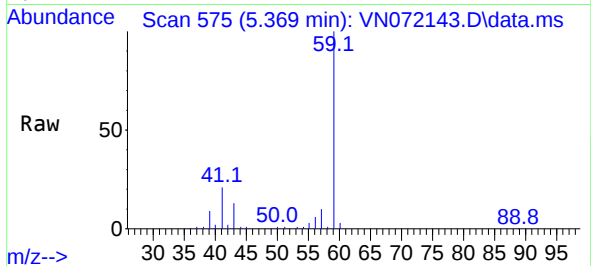
Tgt Ion:142 Resp: 317965
Ion Ratio Lower Upper
142 100
127 38.7 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 302.855 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

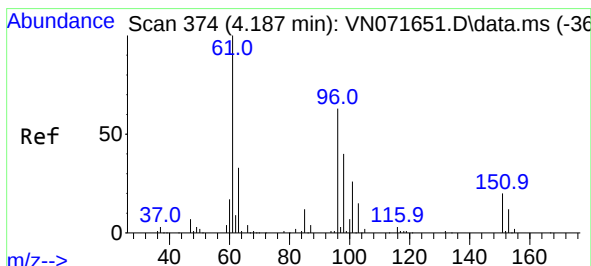
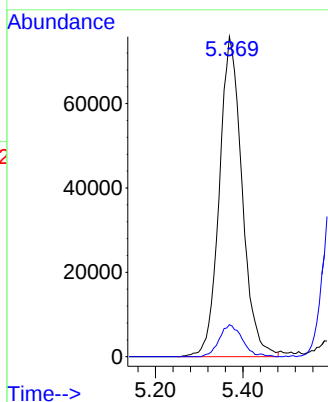
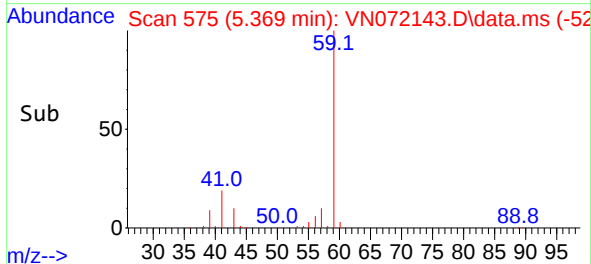
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



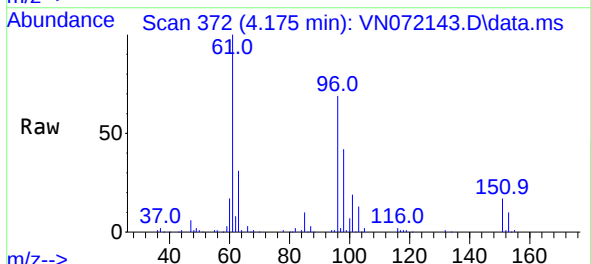
Tgt Ion: 59 Resp: 273478
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

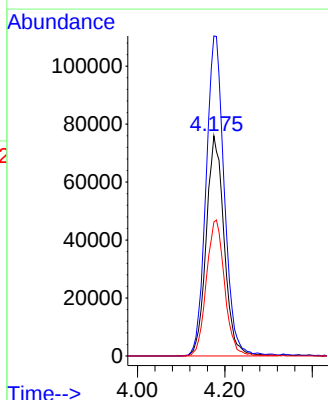
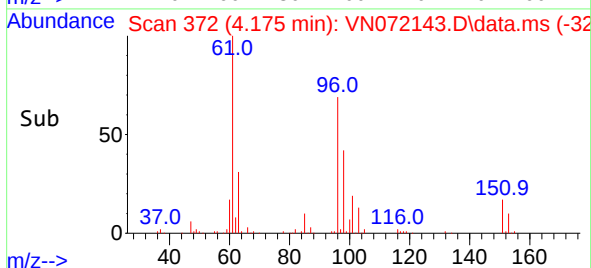
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#12
1,1-Dichloroethene
Concen: 53.730 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



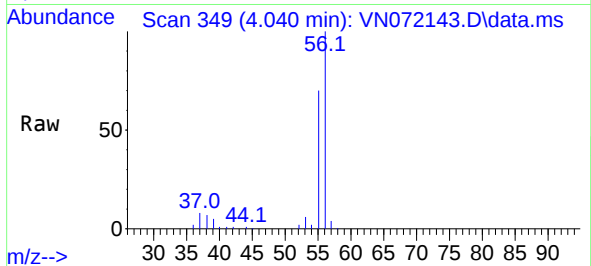
Tgt Ion: 96 Resp: 216160
Ion Ratio Lower Upper
96 100
61 145.3 127.6 191.4
98 60.8 51.2 76.8





#13
Acrolein
Concen: 198.156 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

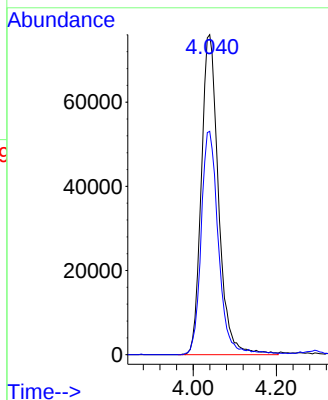
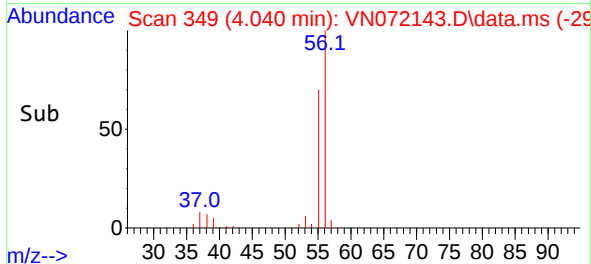
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



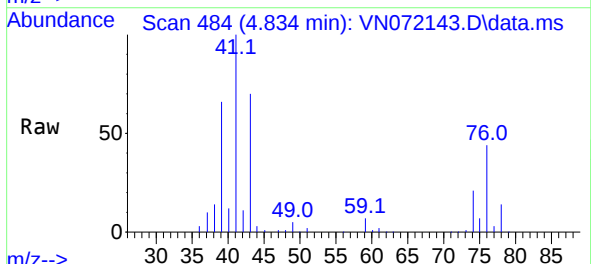
Tgt Ion: 56 Resp: 218170
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2

Manual Integrations
APPROVED

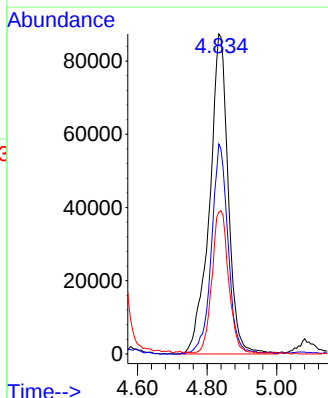
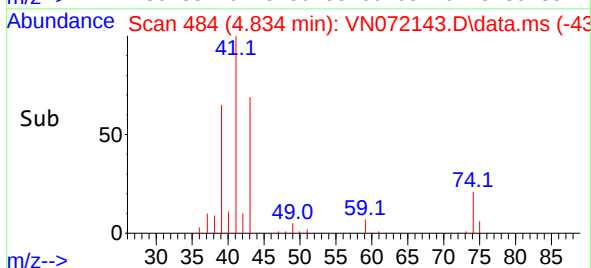
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#14
Allyl chloride
Concen: 50.015 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



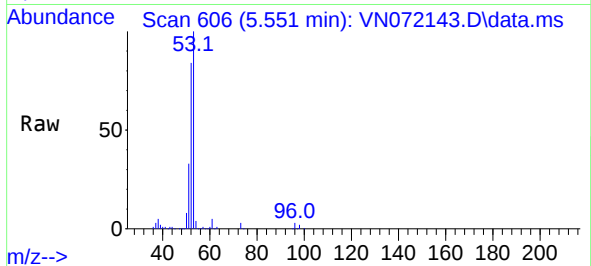
Tgt Ion: 41 Resp: 326587
Ion Ratio Lower Upper
41 100
39 58.0 53.2 79.8
76 39.0 29.9 44.9





#15
Acrylonitrile
Concen: 286.076 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

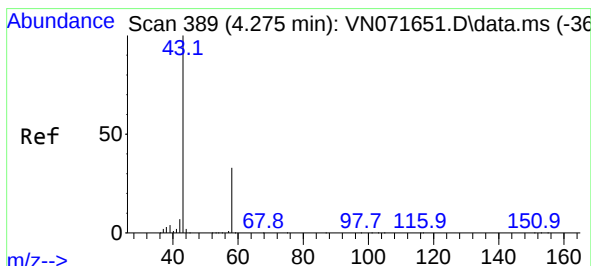
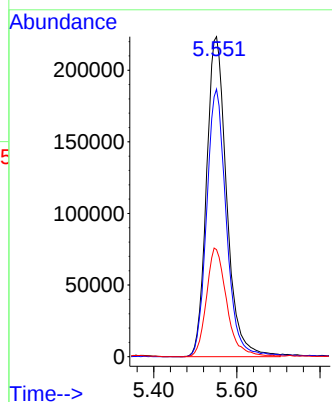
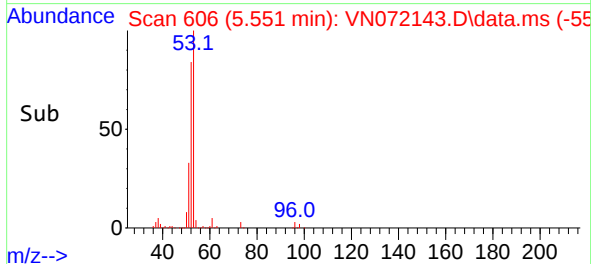
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



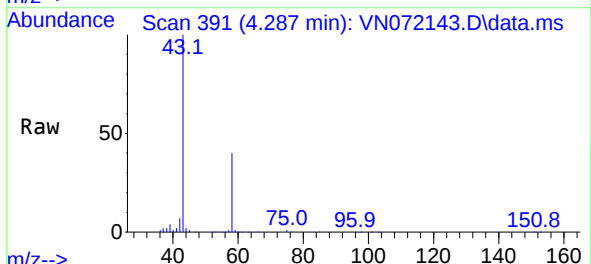
Tgt Ion: 53 Resp: 750870
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 34.2 28.5 42.7

Manual Integrations
APPROVED

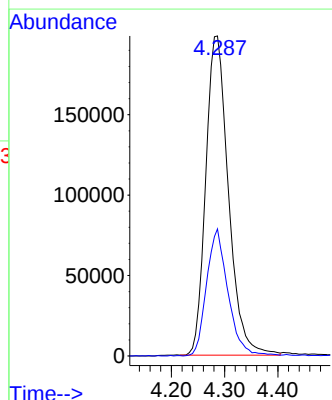
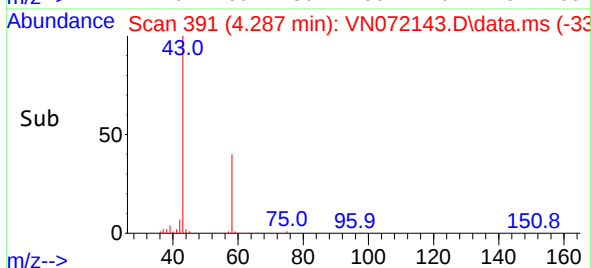
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#16
Acetone
Concen: 246.795 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



Tgt Ion: 43 Resp: 586878
Ion Ratio Lower Upper
43 100
58 39.7 26.0 39.0





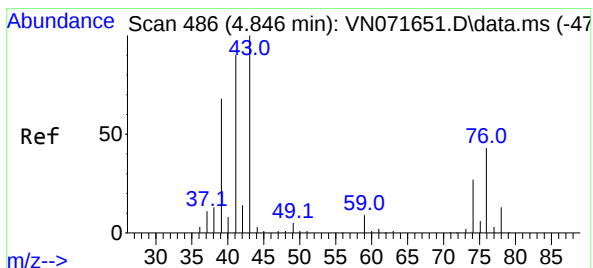
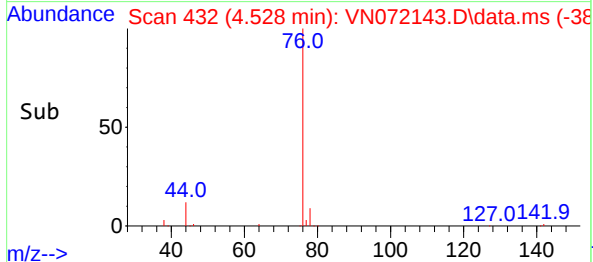
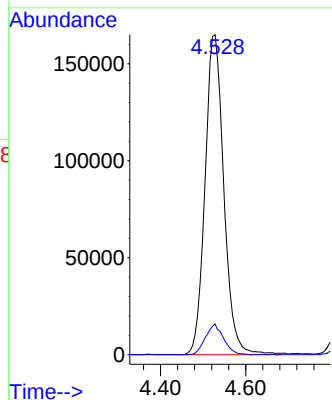
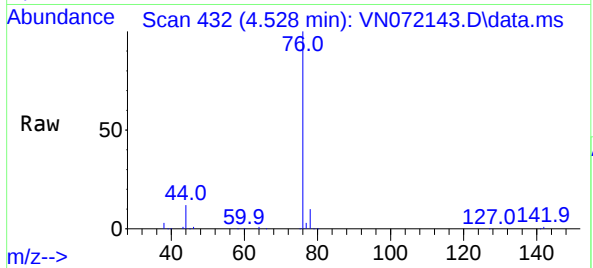
#17
Carbon Disulfide
Concen: 54.826 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 76 Resp: 506080
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

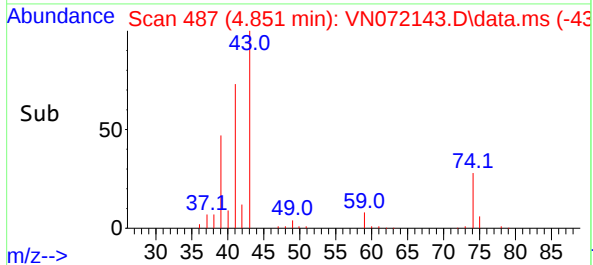
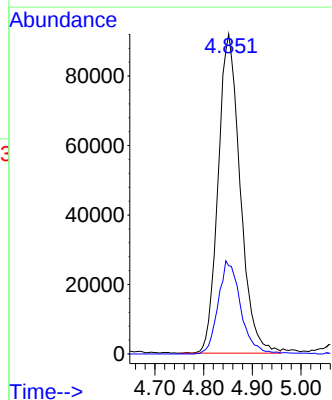
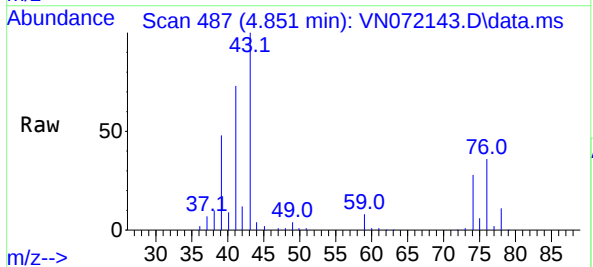
Manual Integrations
APPROVED

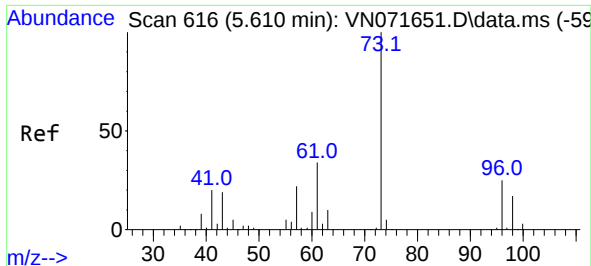
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#18
Methyl Acetate
Concen: 49.167 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

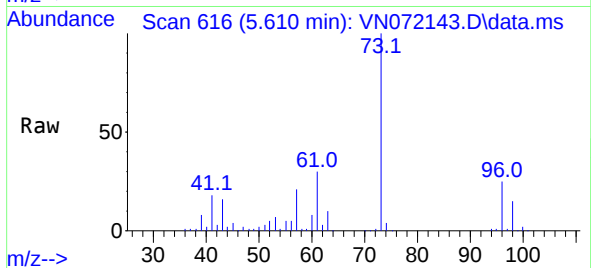
Tgt Ion: 43 Resp: 289675
Ion Ratio Lower Upper
43 100
74 29.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 52.772 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

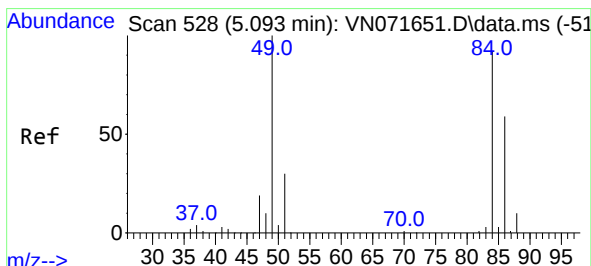
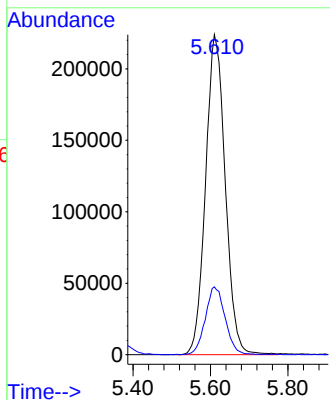
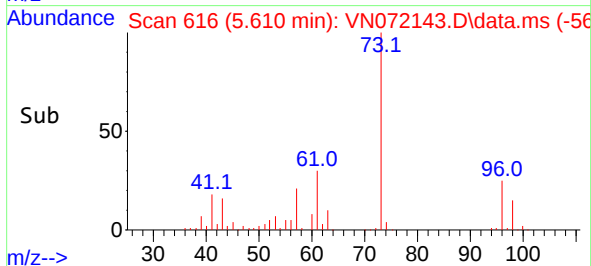
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



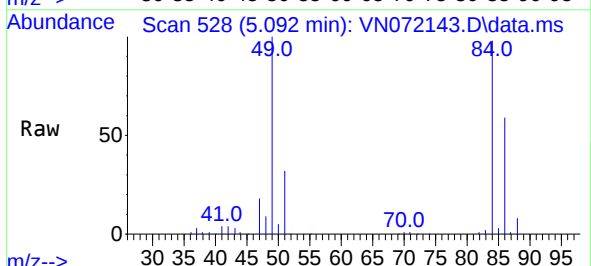
Tgt Ion: 73 Resp: 78872
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

Manual Integrations
APPROVED

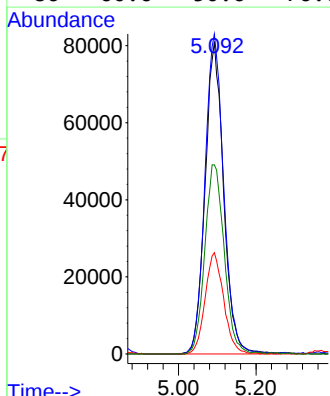
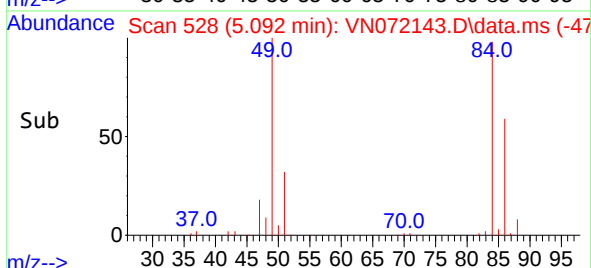
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

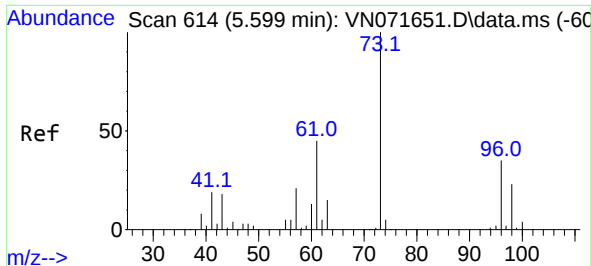


#20
Methylene Chloride
Concen: 53.473 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



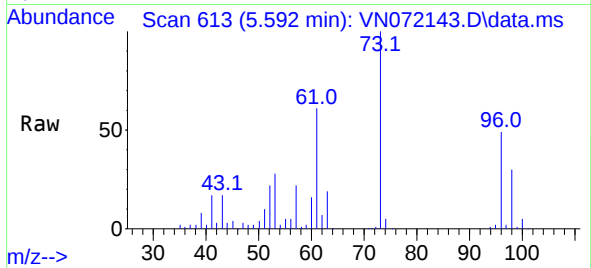
Tgt Ion: 84 Resp: 268016
Ion Ratio Lower Upper
84 100
49 102.4 88.3 132.5
51 32.4 28.2 42.2
86 60.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 52.235 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

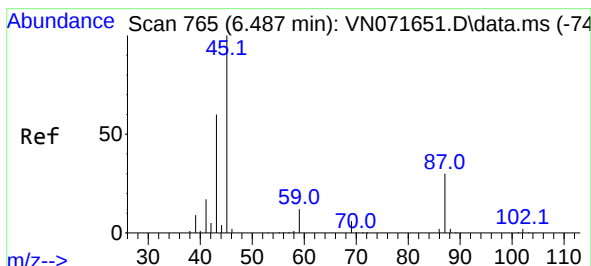
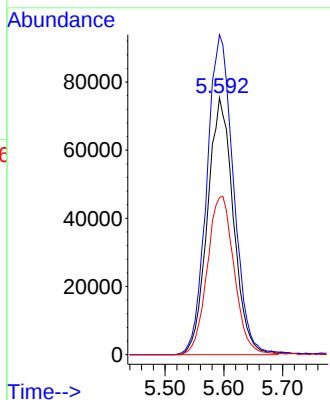
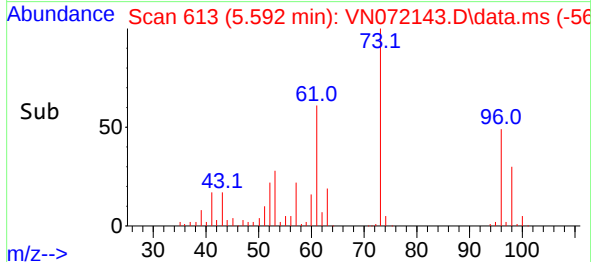
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



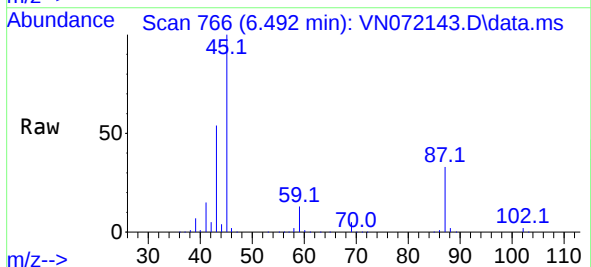
Tgt Ion: 96 Resp: 230690
Ion Ratio Lower Upper
96 100
61 124.2 105.8 158.8
98 61.2 50.3 75.5

Manual Integrations
APPROVED

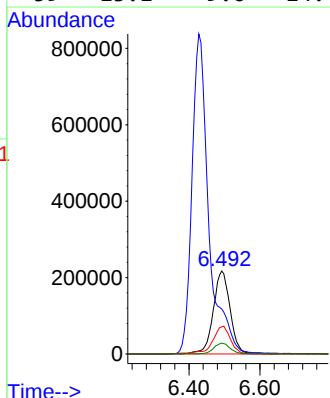
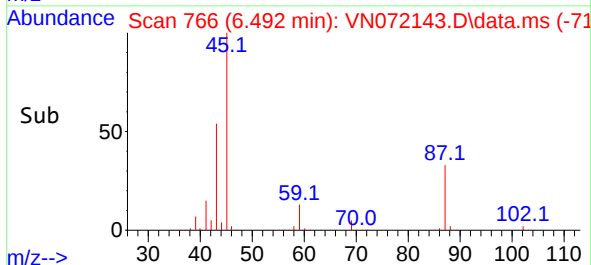
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

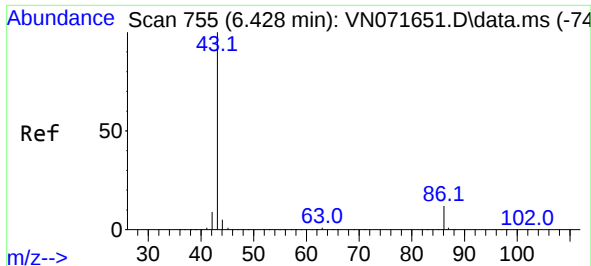


#22
Diisopropyl ether
Concen: 50.170 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



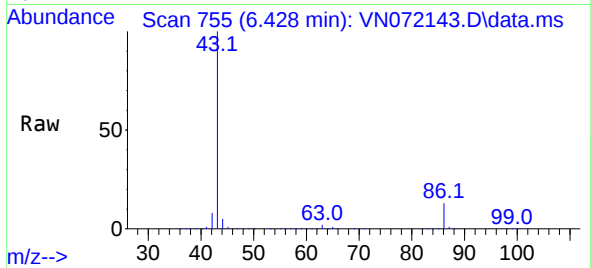
Tgt Ion: 45 Resp: 713188
Ion Ratio Lower Upper
45 100
43 53.5 46.6 70.0
87 32.6 24.3 36.5
59 13.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 243.768 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072143.D
 Acq: 21 Apr 2022 22:22

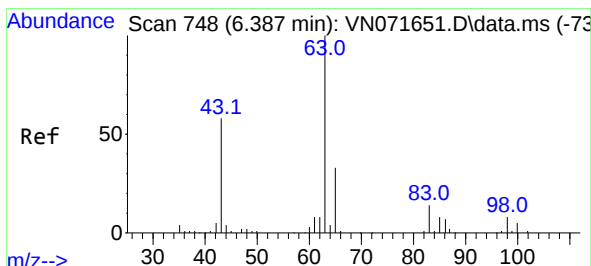
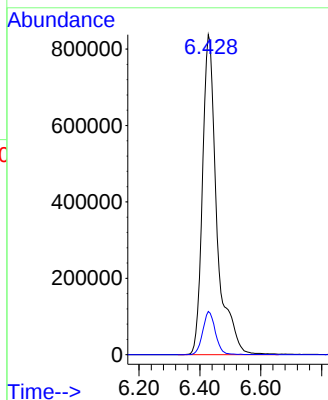
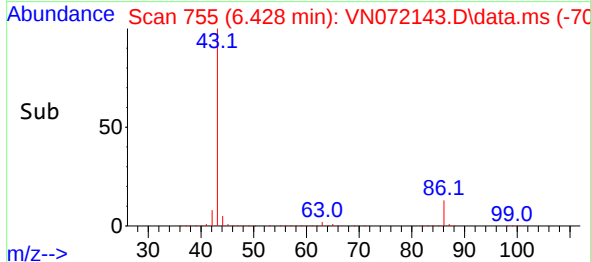
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD



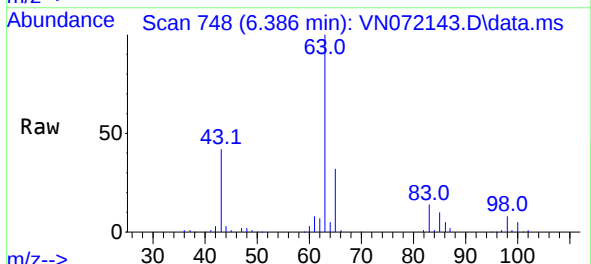
Tgt Ion: 43 Resp: 275564
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.0 15.0

Manual Integrations
 APPROVED

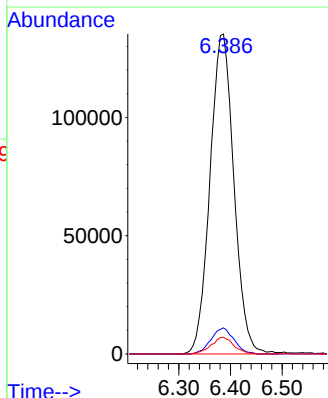
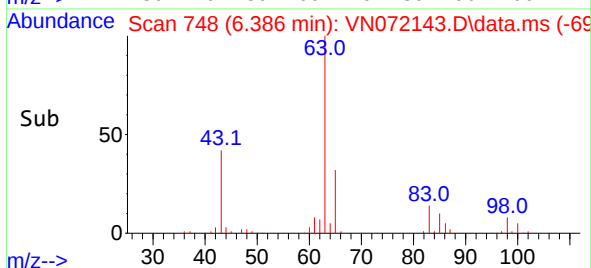
Reviewed By :John Carlone 04/22/2022
 Supervised By :Mahesh Dadoda 04/22/2022

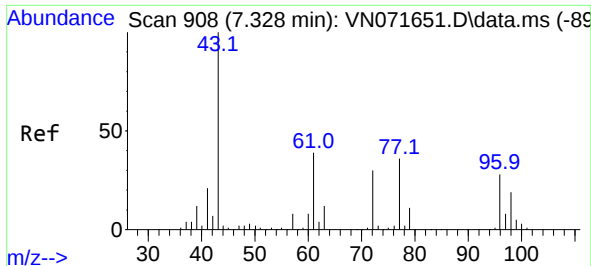


#24
 1,1-Dichloroethane
 Concen: 52.078 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.001 min
 Lab File: VN072143.D
 Acq: 21 Apr 2022 22:22



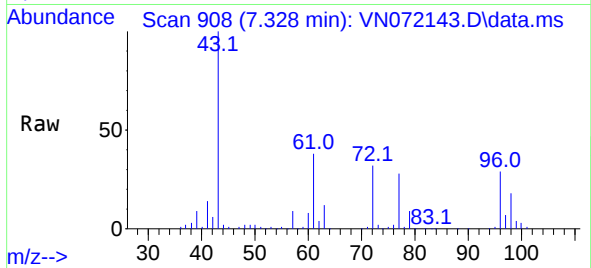
Tgt Ion: 63 Resp: 434601
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 267.907 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

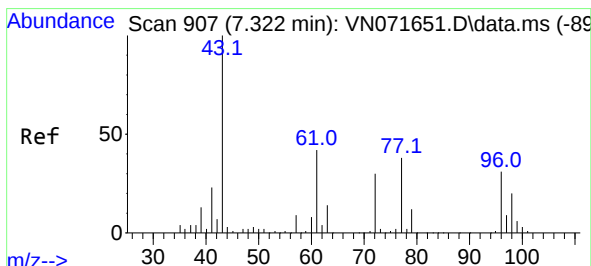
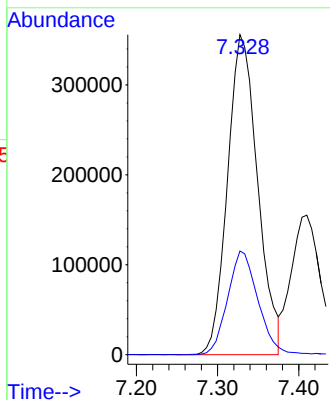
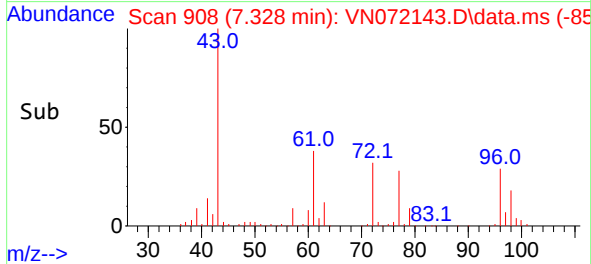
Instrument :
MSVOA_N
Client Sample Id :
MW-30MSD



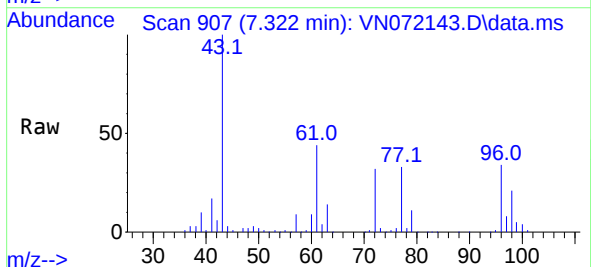
Tgt Ion: 43 Resp: 918430
Ion Ratio Lower Upper
43 100
72 32.4 23.7 35.5

Manual Integrations
APPROVED

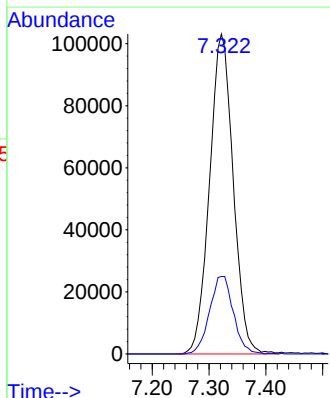
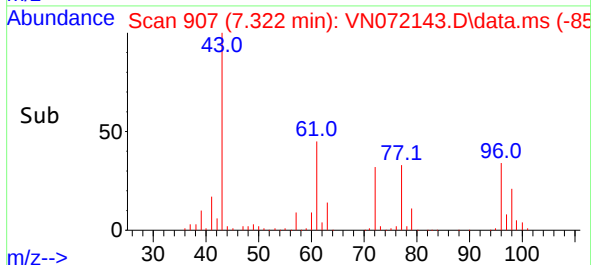
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#26
2,2-Dichloropropane
Concen: 41.577 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



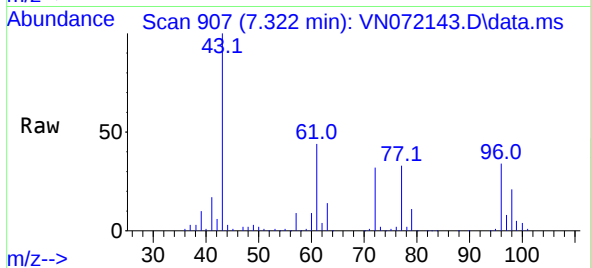
Tgt Ion: 77 Resp: 298066
Ion Ratio Lower Upper
77 100
97 24.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 53.380 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072143.D
 Acq: 21 Apr 2022 22:22

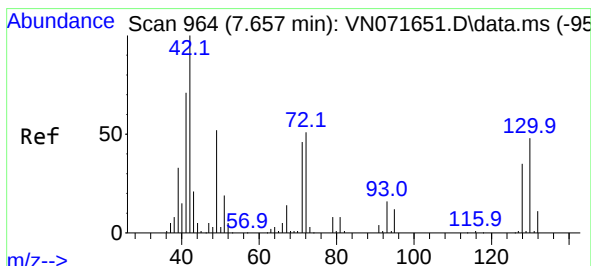
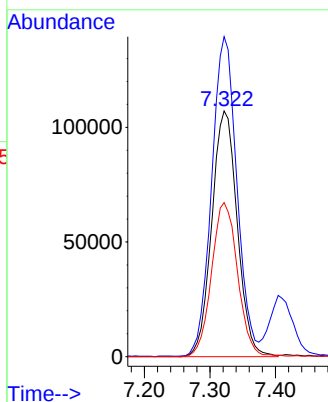
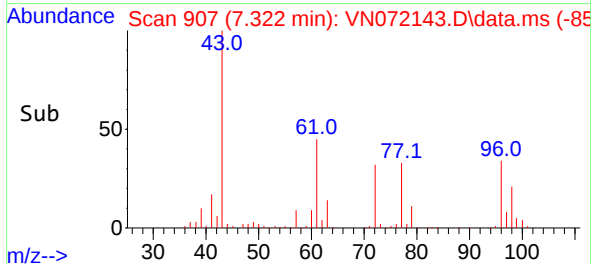
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD



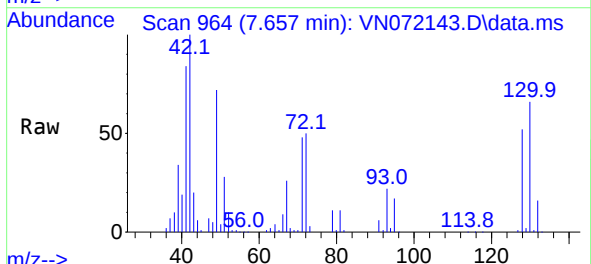
Tgt Ion: 96 Resp: 289090
 Ion Ratio Lower Upper
 96 100
 61 128.6 0.0 280.6
 98 64.0 0.0 128.4

Manual Integrations
 APPROVED

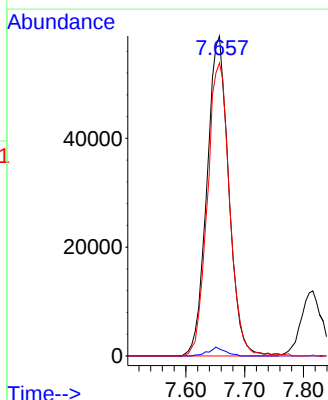
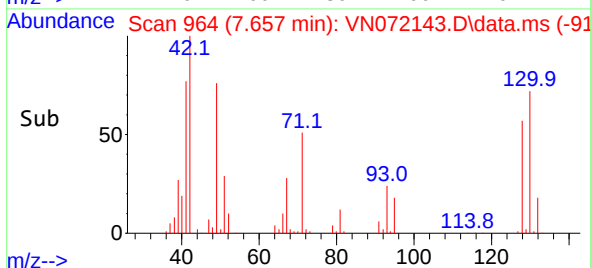
Reviewed By :John Carlone 04/22/2022
 Supervised By :Mahesh Dadoda 04/22/2022

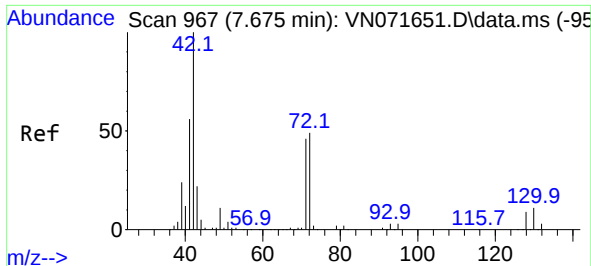


#28
 Bromochloromethane
 Concen: 45.075 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VN072143.D
 Acq: 21 Apr 2022 22:22



Tgt Ion: 49 Resp: 151740
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 93.4 69.7 104.5





#29

Tetrahydrofuran

Concen: 271.964 ug/l

RT: 7.680 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072143.D

Acq: 21 Apr 2022 22:22

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

Tgt Ion: 42 Resp: 603702

Ion Ratio Lower Upper

42 100

72 52.8 39.7 59.5

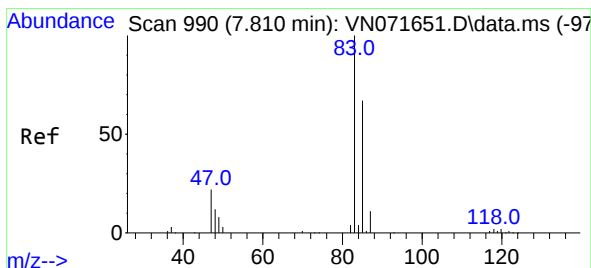
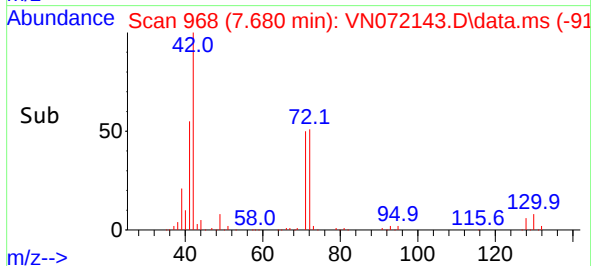
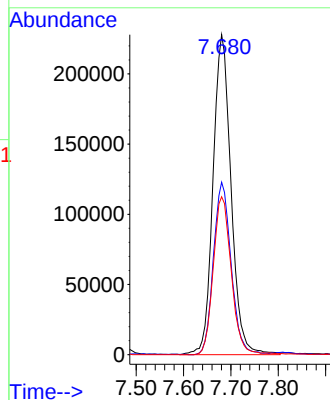
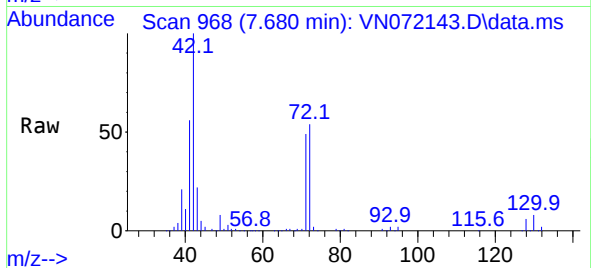
71 49.6 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2022

Supervised By :Mahesh Dadoda 04/22/2022



#30

Chloroform

Concen: 51.444 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072143.D

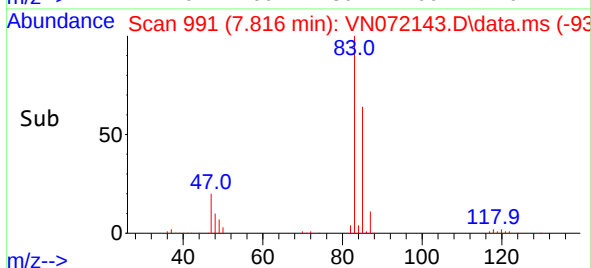
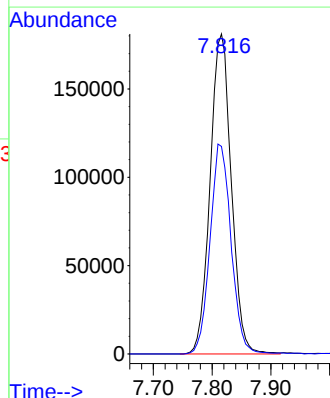
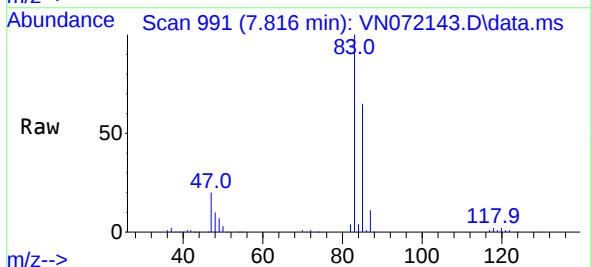
Acq: 21 Apr 2022 22:22

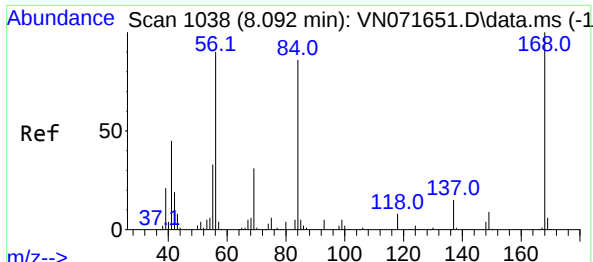
Tgt Ion: 83 Resp: 453314

Ion Ratio Lower Upper

83 100

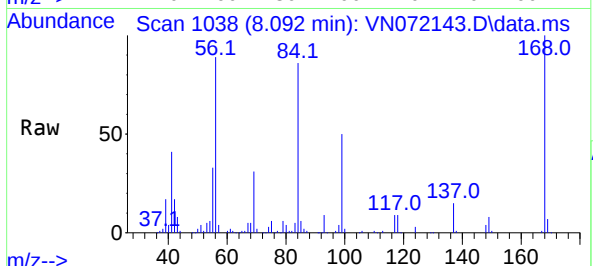
85 64.8 51.8 77.8





#31
Cyclohexane
Concen: 49.615 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

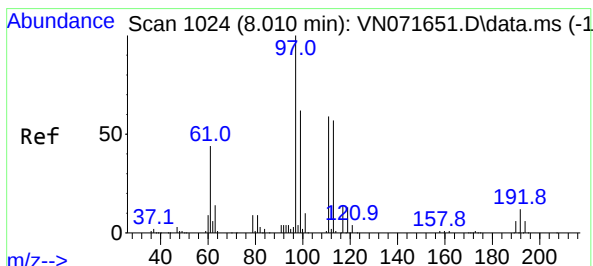
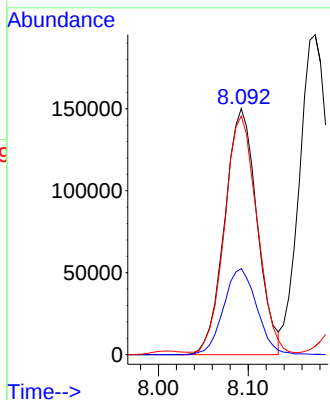
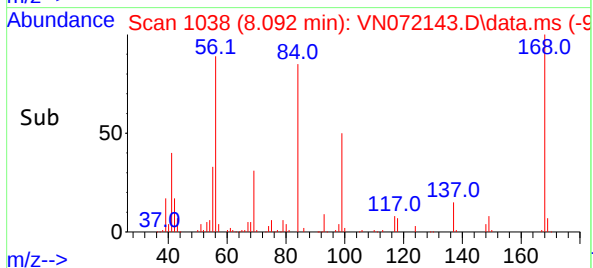
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



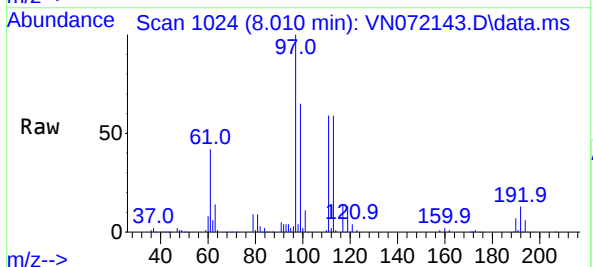
Tgt Ion: 56 Resp: 375448
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.8
84 95.8 76.9 115.3

Manual Integrations
APPROVED

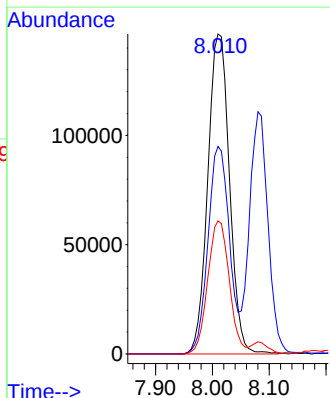
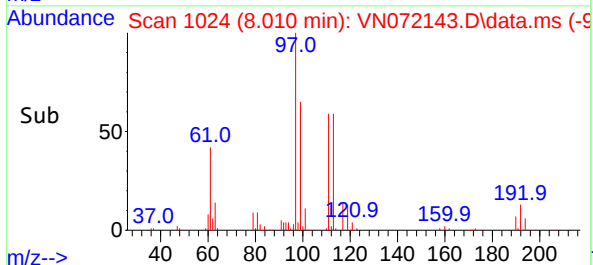
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#32
1,1,1-Trichloroethane
Concen: 51.466 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



Tgt Ion: 97 Resp: 387969
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 41.4 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 46.220 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Instrument :

MSVOA_N

ClientSampleId :

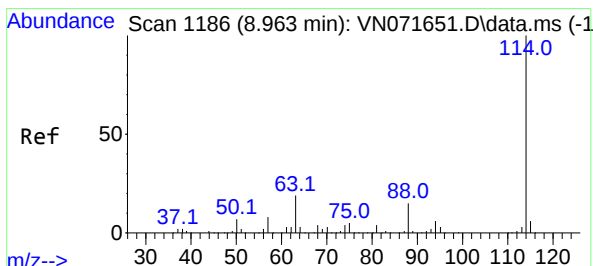
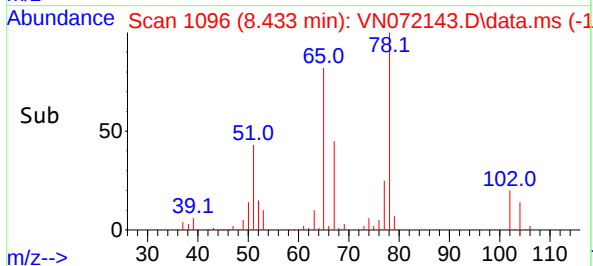
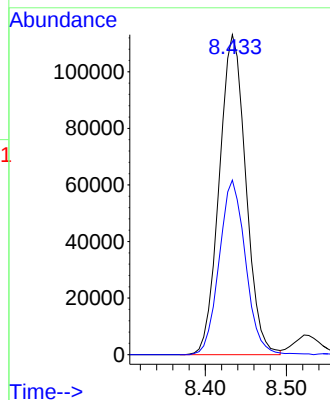
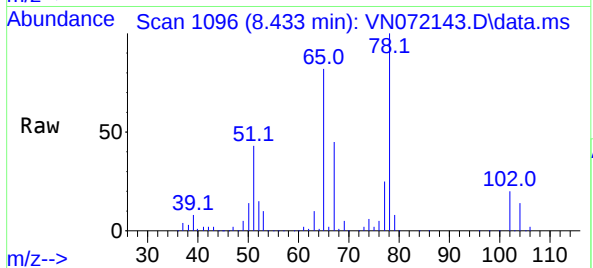
MW-30MSD

Tgt Ion: 65 Resp: 25718
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.8

Manual Integrations

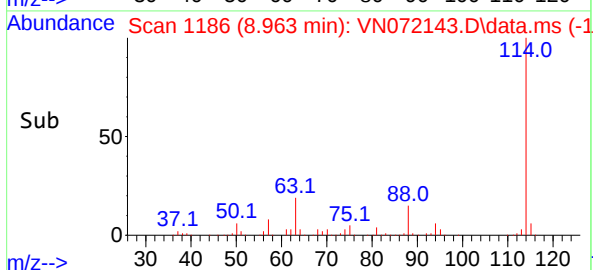
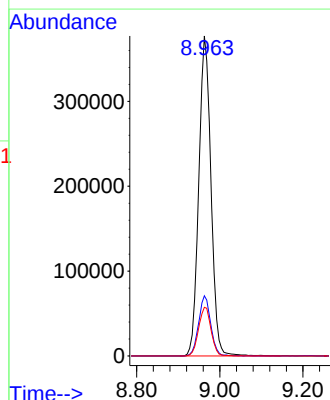
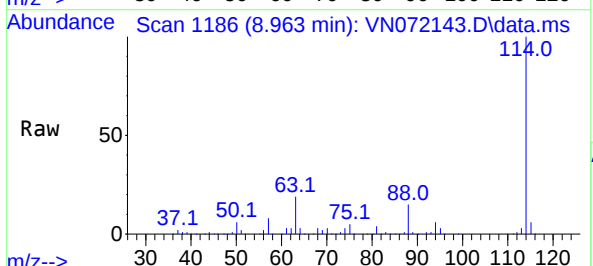
APPROVED

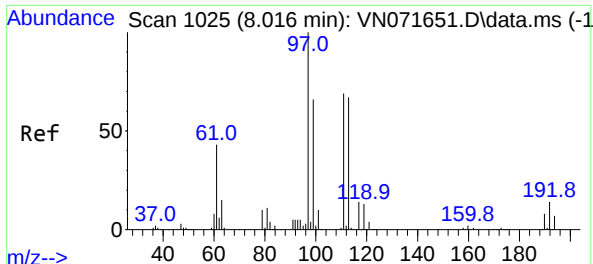
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

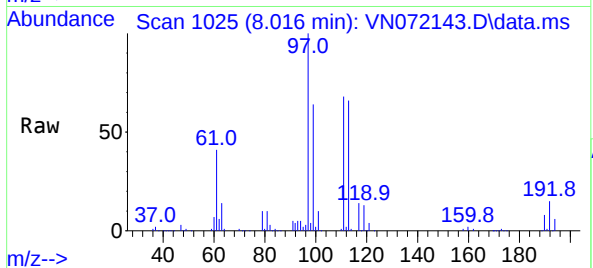
Tgt Ion:114 Resp: 766388
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.602 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

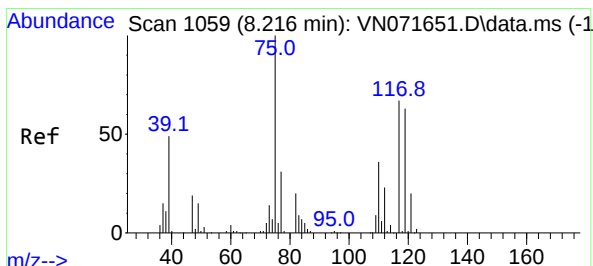
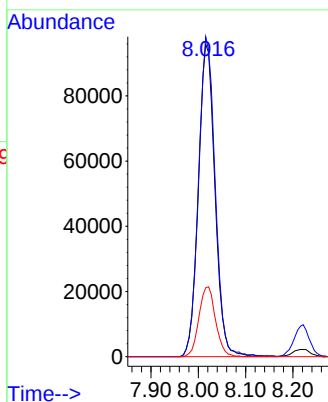
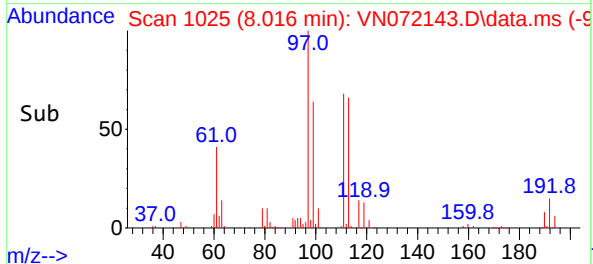
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



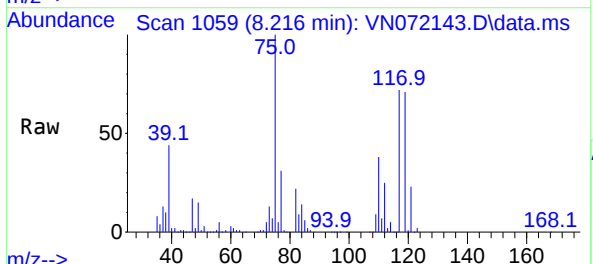
Tgt Ion:113 Resp: 232712
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 22.4 17.0 25.6

Manual Integrations
APPROVED

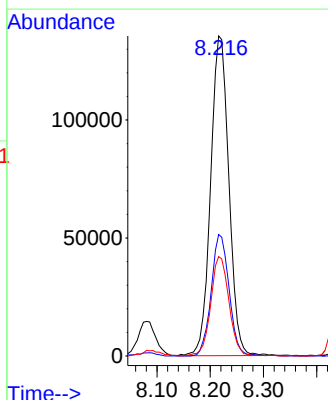
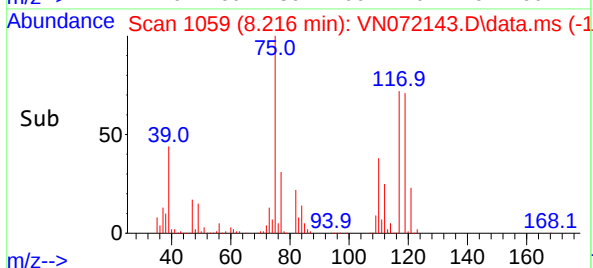
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

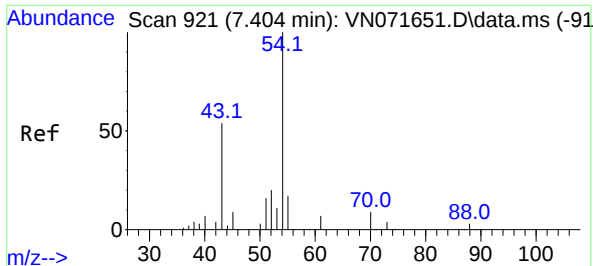


#36
1,1-Dichloropropene
Concen: 51.161 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



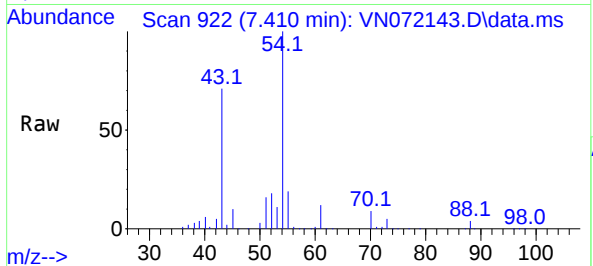
Tgt Ion: 75 Resp: 322198
Ion Ratio Lower Upper
75 100
110 37.3 18.3 54.8
77 31.1 25.1 37.7





#37
Ethyl Acetate
Concen: 58.205 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

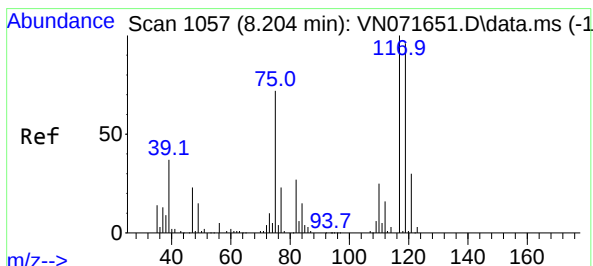
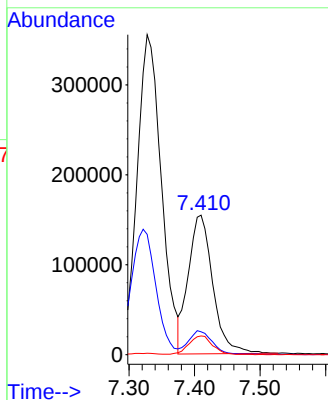
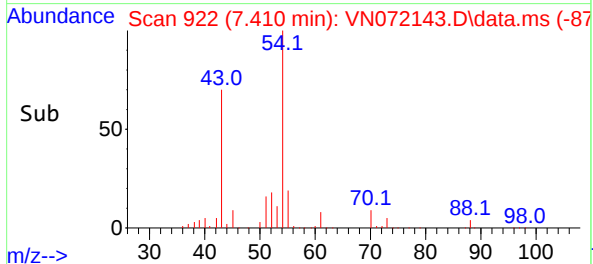
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



Tgt Ion: 43 Resp: 40121
Ion Ratio Lower Upper
43 100
61 16.4 11.8 17.6
70 13.2 9.3 13.9

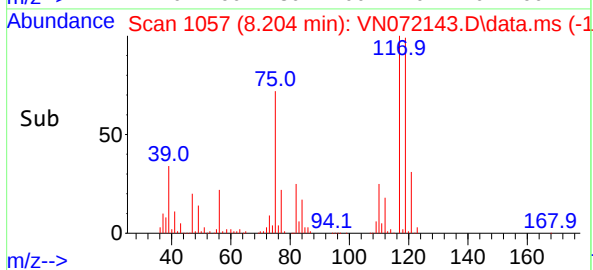
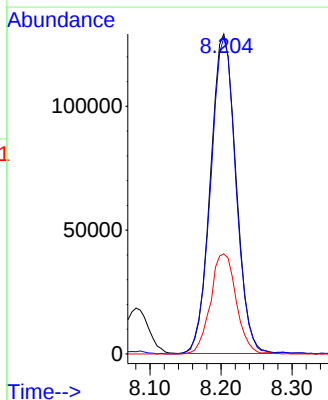
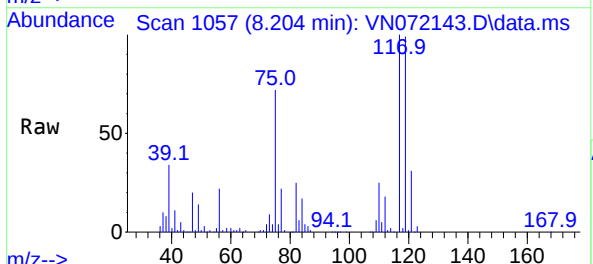
Manual Integrations
APPROVED

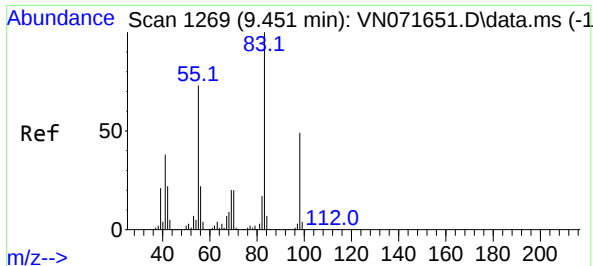
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#38
Carbon Tetrachloride
Concen: 52.022 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Tgt Ion:117 Resp: 321081
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.8
121 31.4 24.6 37.0





#39

Methylcyclohexane

Concen: 53.516 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072143.D

Acq: 21 Apr 2022 22:22

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

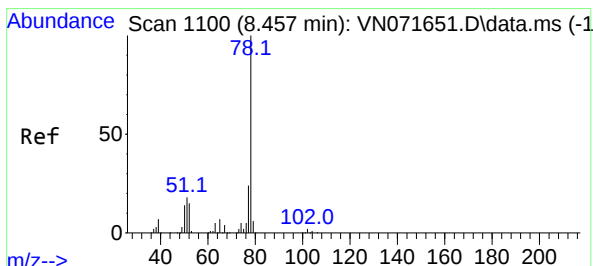
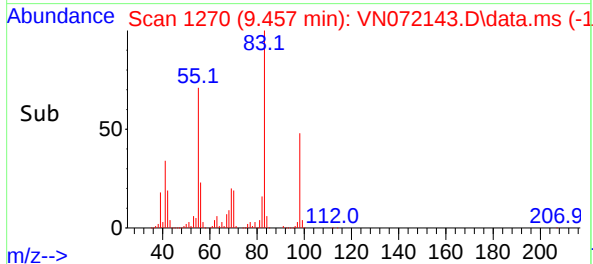
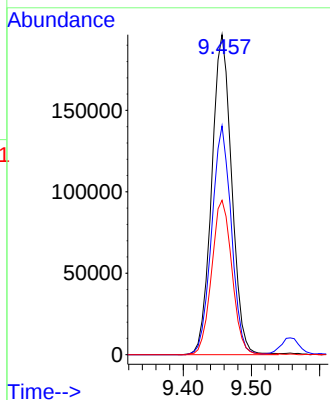
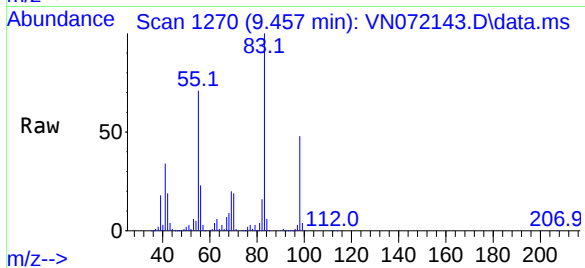
Tgt Ion: 83 Resp: 40118
 Ion Ratio Lower Upper
 83 100
 55 71.5 57.8 86.8
 98 48.2 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2022

Supervised By :Mahesh Dadoda 04/22/2022



#40

Benzene

Concen: 53.202 ug/l

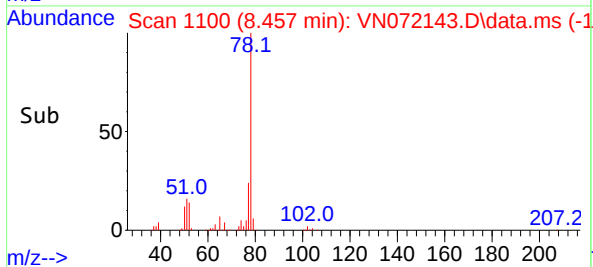
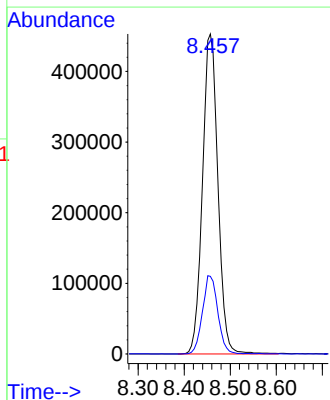
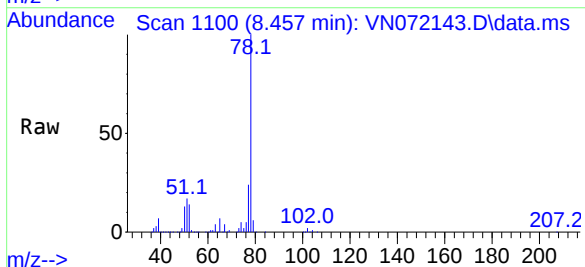
RT: 8.457 min Scan# 1100

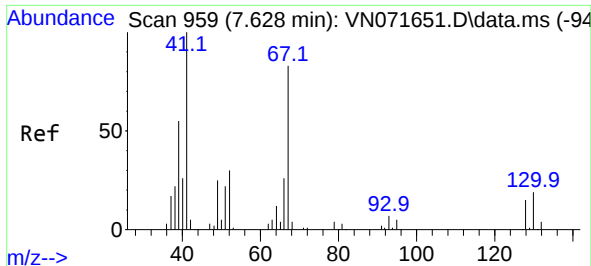
Delta R.T. -0.000 min

Lab File: VN072143.D

Acq: 21 Apr 2022 22:22

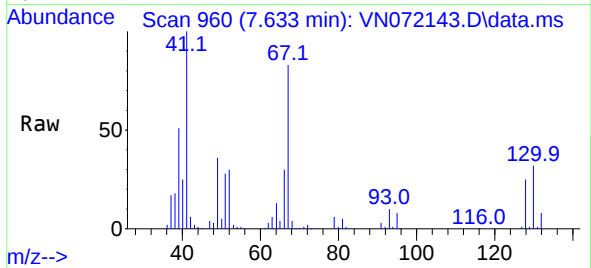
Tgt Ion: 78 Resp: 1058409
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 54.646 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

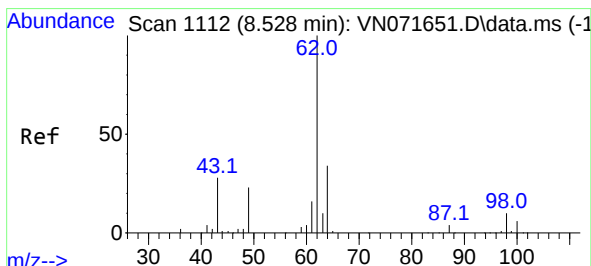
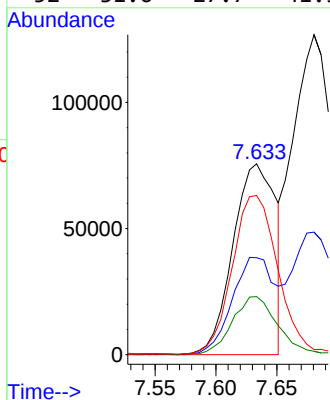
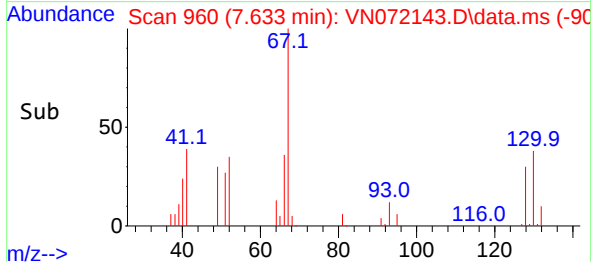
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



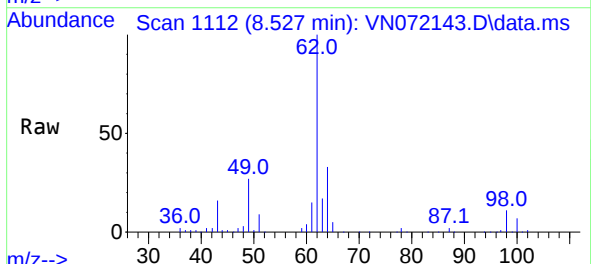
Tgt Ion: 41 Resp: 184438
Ion Ratio Lower Upper
41 100
39 50.4 48.6 73.0
67 90.0 73.4 110.2
52 31.6 27.7 41.5

Manual Integrations
APPROVED

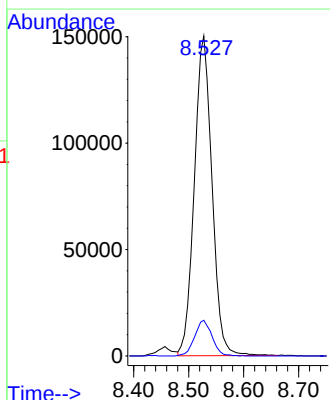
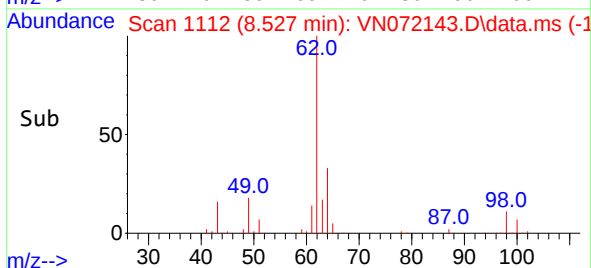
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#42
1,2-Dichloroethane
Concen: 48.773 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



Tgt Ion: 62 Resp: 335649
Ion Ratio Lower Upper
62 100
98 11.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 46.592 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN072143.D

Acq: 21 Apr 2022 22:22

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

Tgt Ion: 43 Resp: 53418

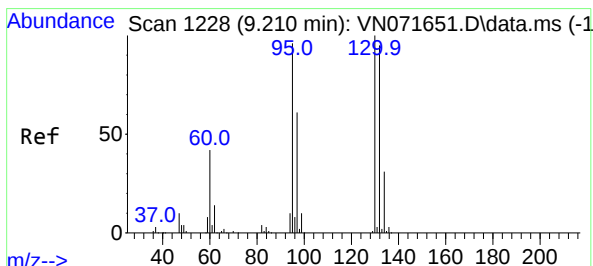
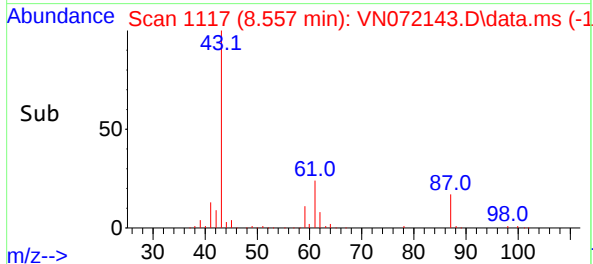
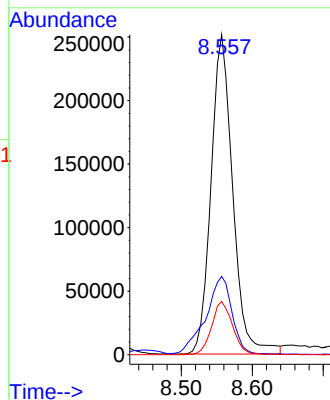
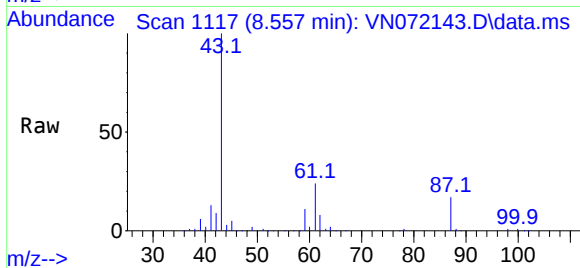
Ion	Ratio	Lower	Upper
43	100		
61	29.5	21.9	32.9
87	16.1	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2022

Supervised By :Mahesh Dadoda 04/22/2022



#44

Trichloroethene

Concen: 52.827 ug/l

RT: 9.216 min Scan# 1229

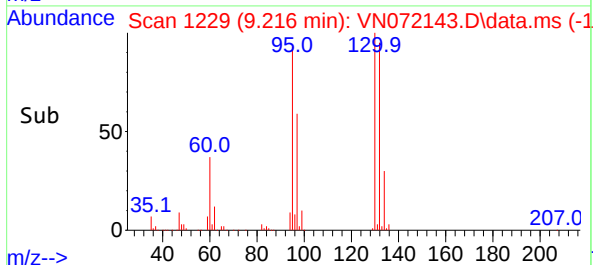
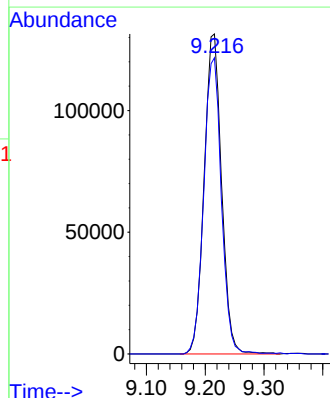
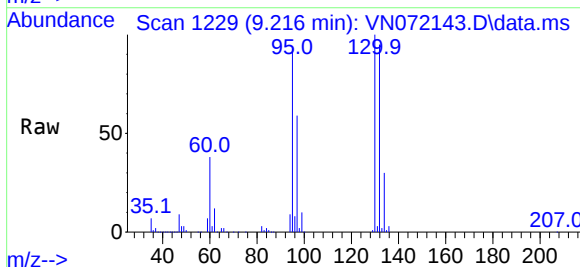
Delta R.T. 0.006 min

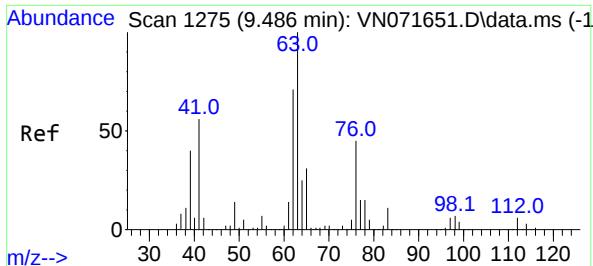
Lab File: VN072143.D

Acq: 21 Apr 2022 22:22

Tgt Ion:130 Resp: 270754

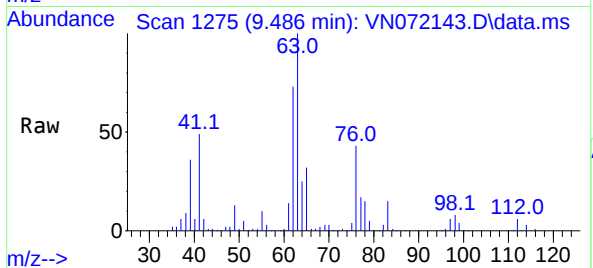
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	186.8





#45
1,2-Dichloropropane
Concen: 52.587 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

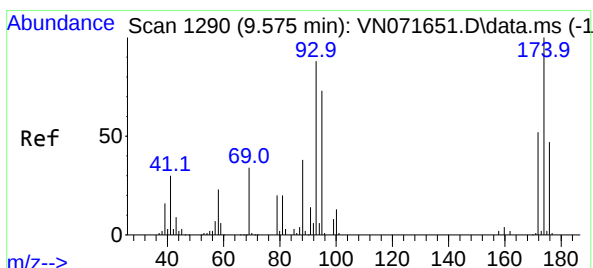
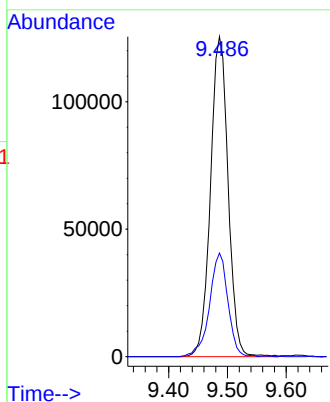
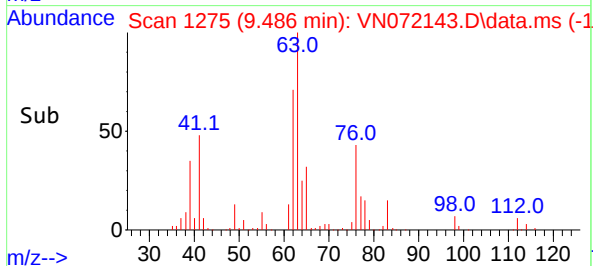
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



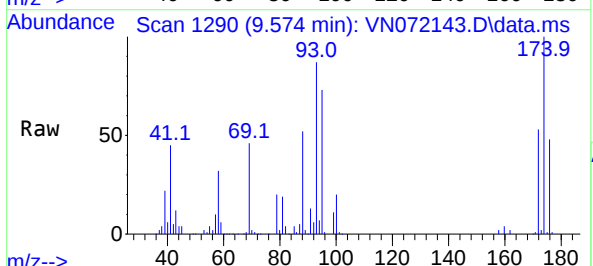
Tgt Ion: 63 Resp: 261350
Ion Ratio Lower Upper
63 100
65 32.4 24.9 37.3

Manual Integrations
APPROVED

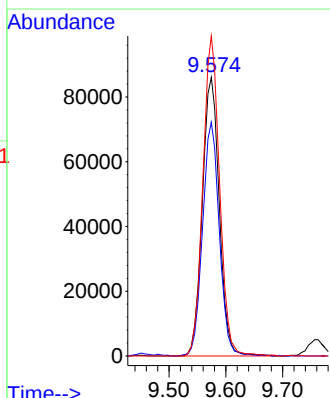
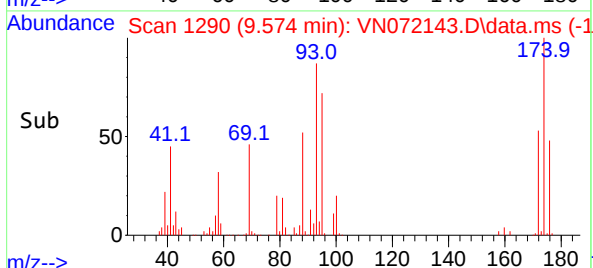
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

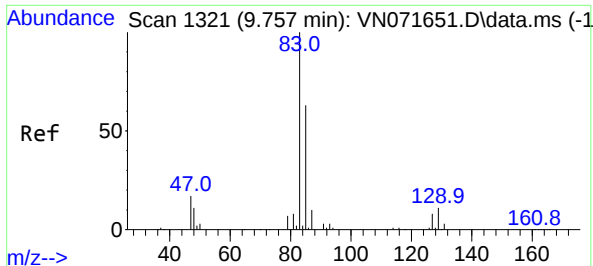


#46
Dibromomethane
Concen: 52.803 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



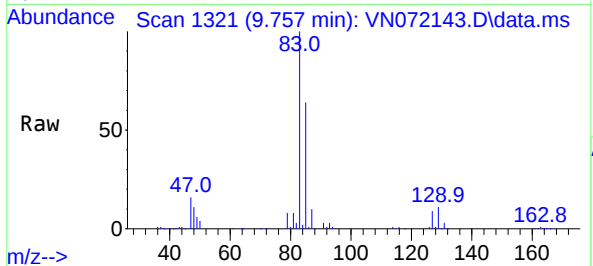
Tgt Ion: 93 Resp: 178177
Ion Ratio Lower Upper
93 100
95 82.7 66.9 100.3
174 113.0 86.6 130.0





#47
Bromodichloromethane
Concen: 52.125 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

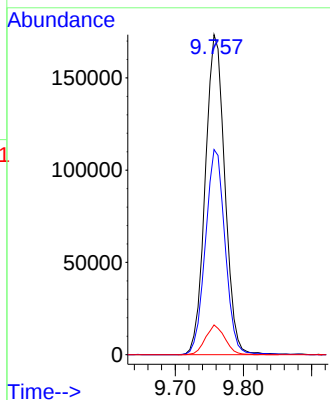
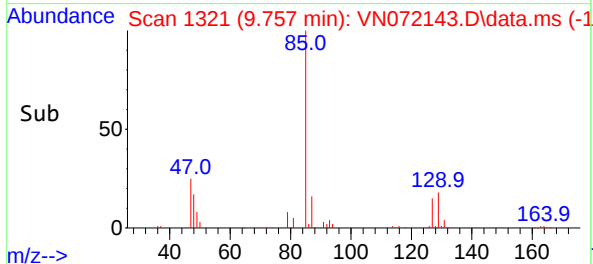
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



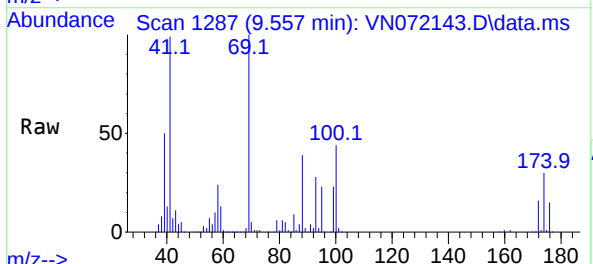
Tgt Ion: 83 Resp: 346230
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 9.3 6.8 10.2

Manual Integrations
APPROVED

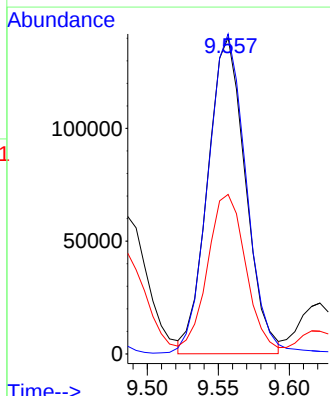
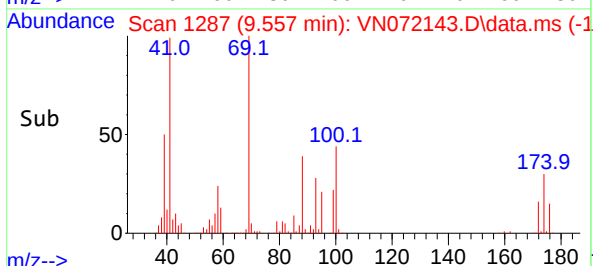
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

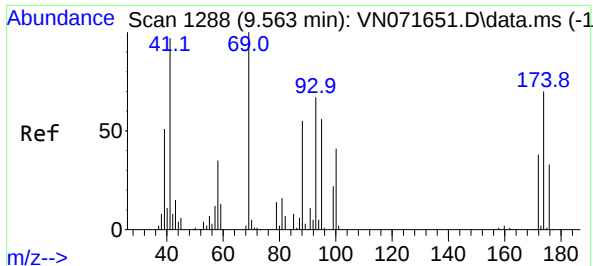


#48
Methyl methacrylate
Concen: 54.428 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



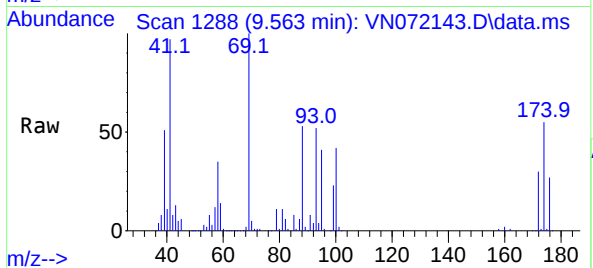
Tgt Ion: 41 Resp: 258898
Ion Ratio Lower Upper
41 100
69 102.7 74.7 112.1
39 51.8 45.6 68.4





#49
1,4-Dioxane
Concen: 1215.568 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

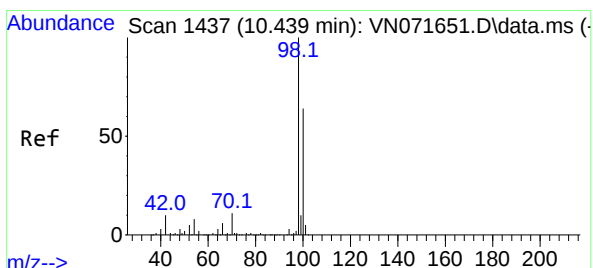
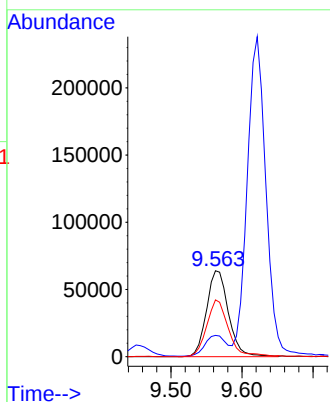
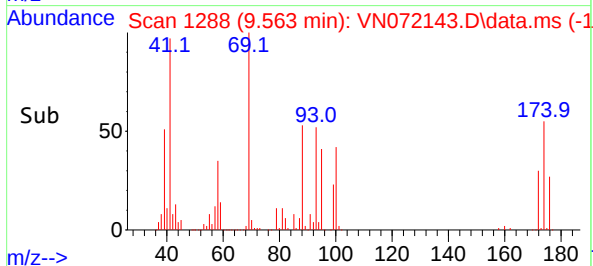
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



Tgt Ion: 88 Resp: 136838
Ion Ratio Lower Upper
88 100
43 24.6 20.2 30.4
58 66.2 54.2 81.4

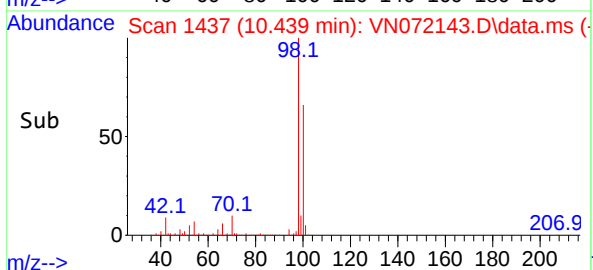
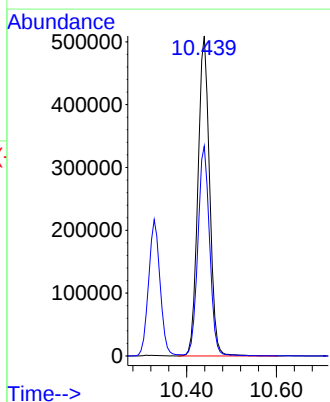
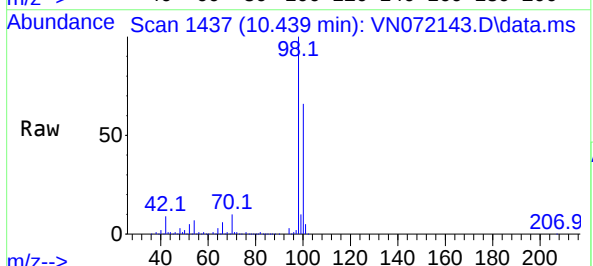
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#50
Toluene-d8
Concen: 49.677 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

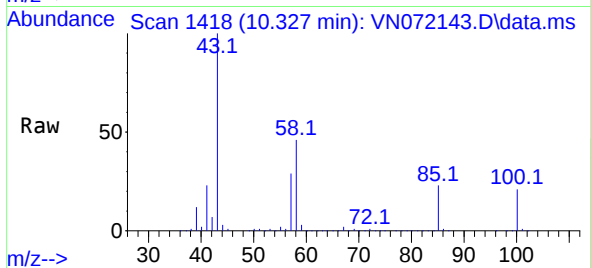
Tgt Ion: 98 Resp: 916466
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 283.832 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

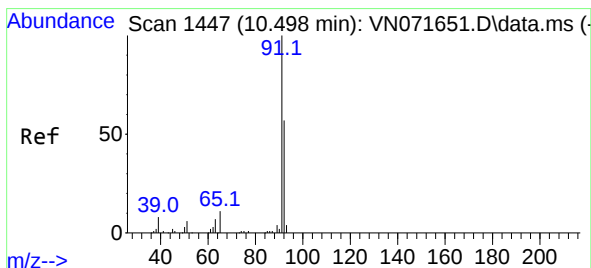
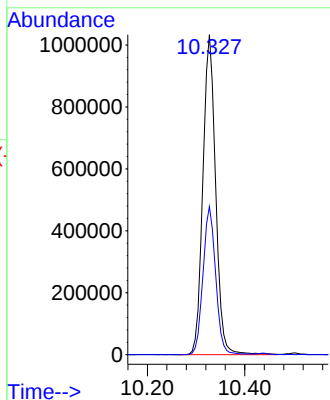
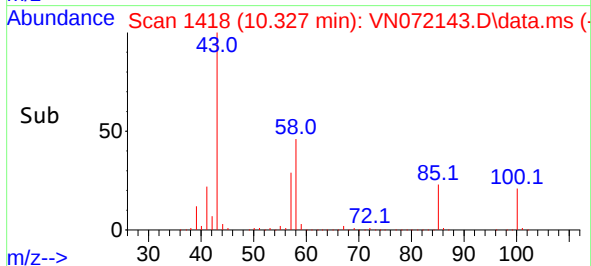
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



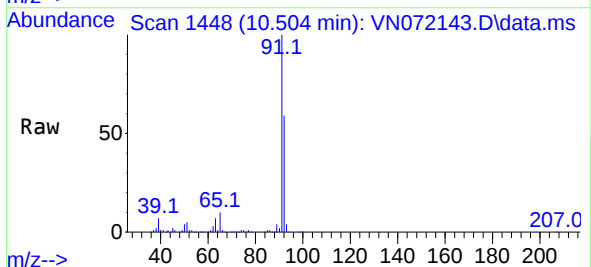
Tgt Ion: 43 Resp: 1870985
Ion Ratio Lower Upper
43 100
58 46.1 34.1 51.1

Manual Integrations
APPROVED

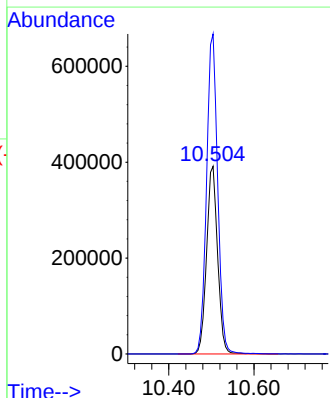
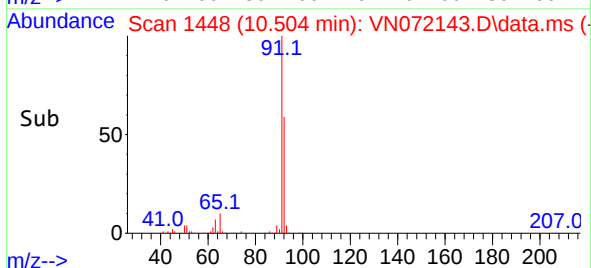
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

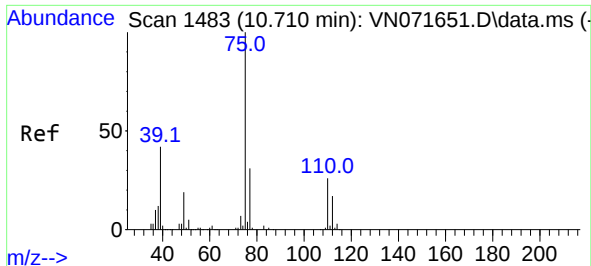


#52
Toluene
Concen: 55.859 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



Tgt Ion: 92 Resp: 702466
Ion Ratio Lower Upper
92 100
91 171.7 138.6 207.8





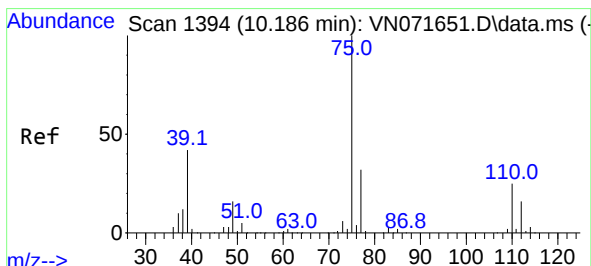
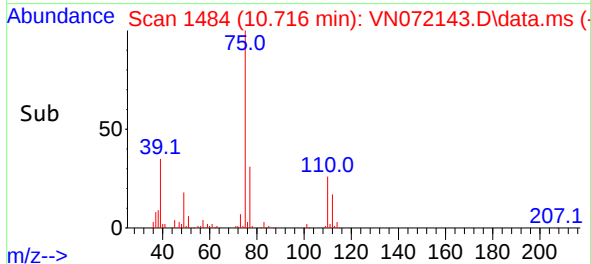
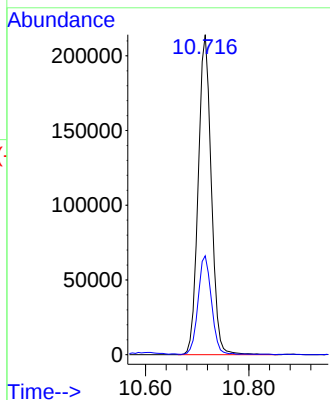
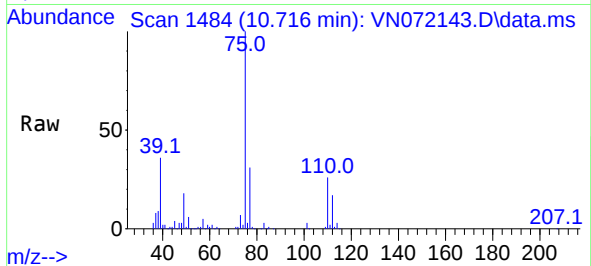
#53
t-1,3-Dichloropropene
Concen: 53.945 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 75 Resp: 375548
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

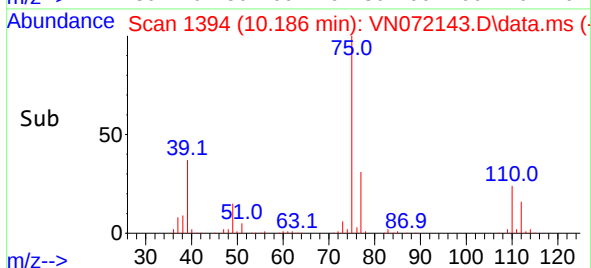
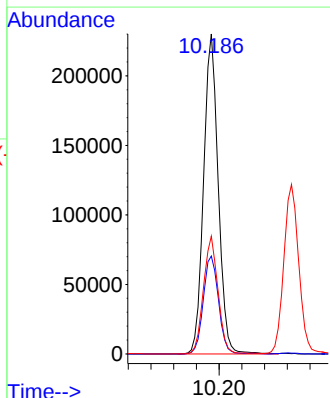
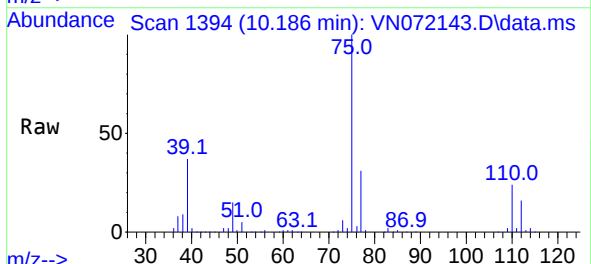
Manual Integrations
APPROVED

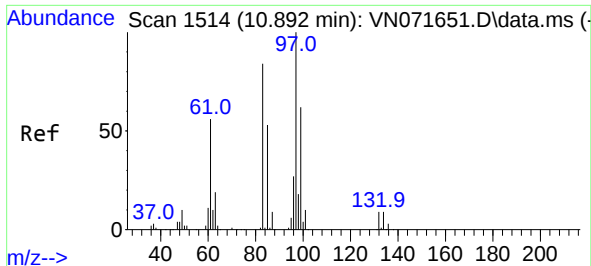
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#54
cis-1,3-Dichloropropene
Concen: 53.235 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

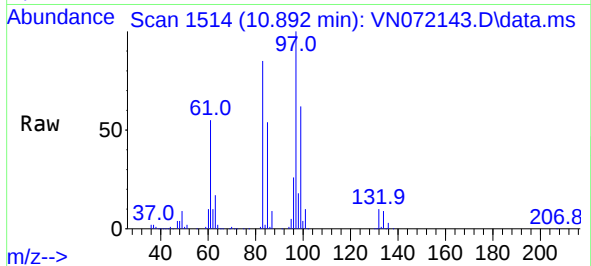
Tgt Ion: 75 Resp: 409486
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8
39 36.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 54.120 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

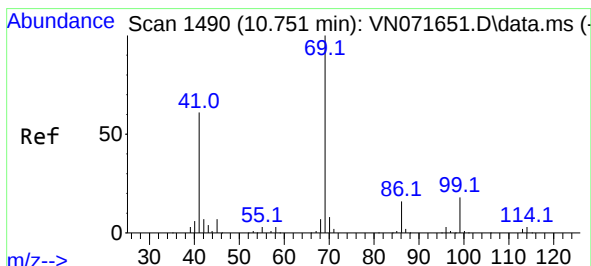
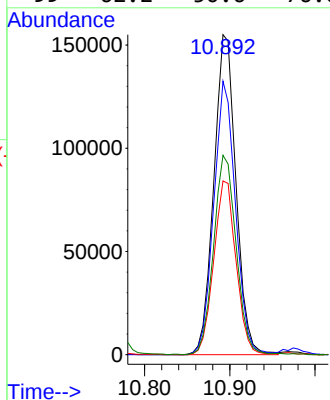
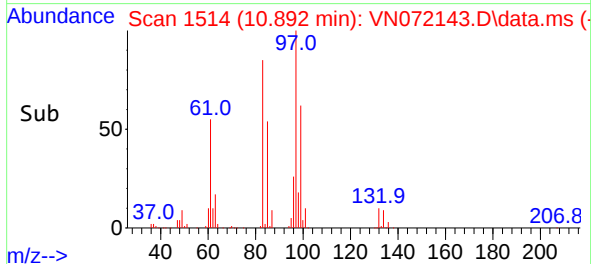


Tgt Ion: 97 Resp: 28010

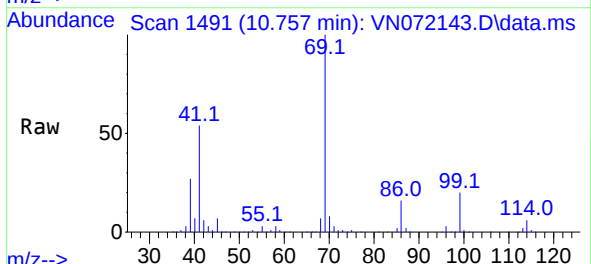
Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.2	99.4
85	54.3	43.9	65.9
99	62.2	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

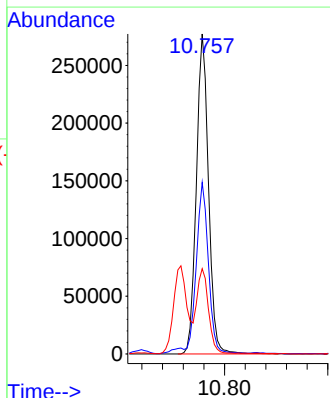
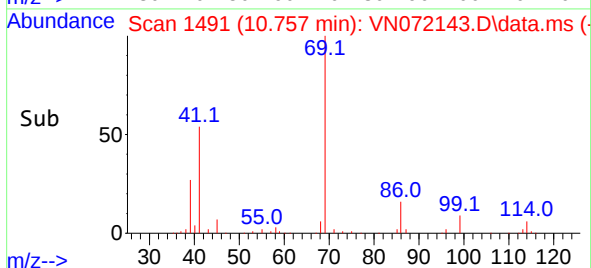


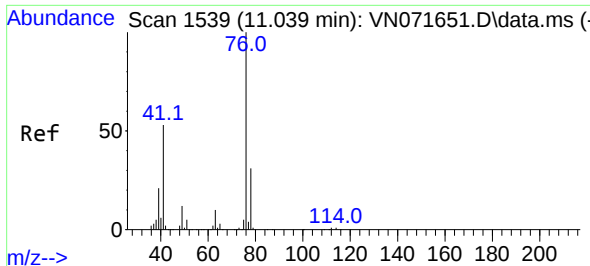
#56
Ethyl methacrylate
Concen: 61.189 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



Tgt Ion: 69 Resp: 451785

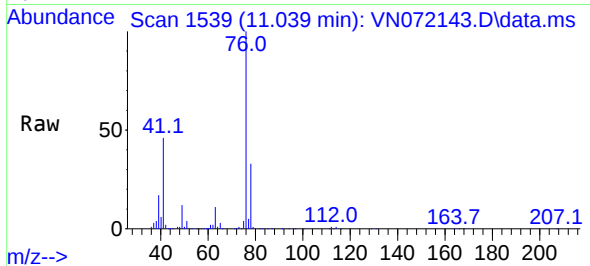
Ion	Ratio	Lower	Upper
69	100		
41	54.8	47.8	71.6
39	24.7	27.3	40.9





#57
1,3-Dichloropropane
Concen: 54.115 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

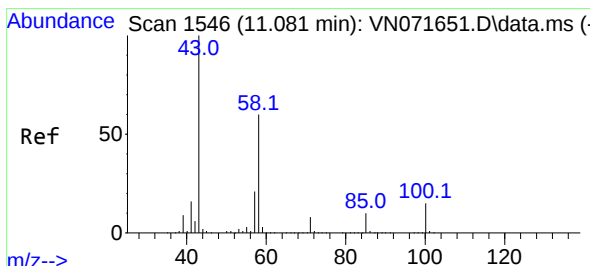
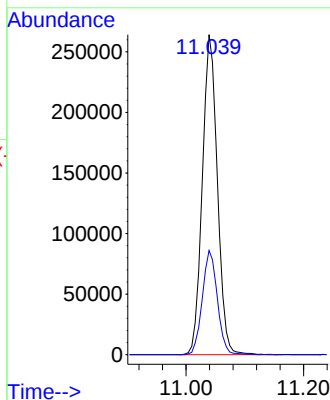
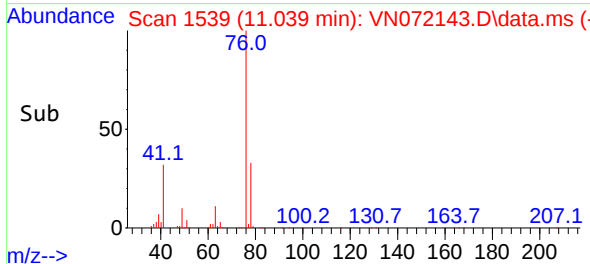
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



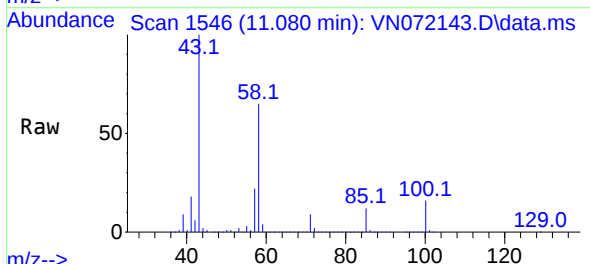
Tgt Ion: 76 Resp: 46828
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
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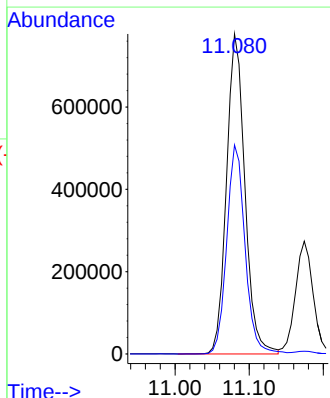
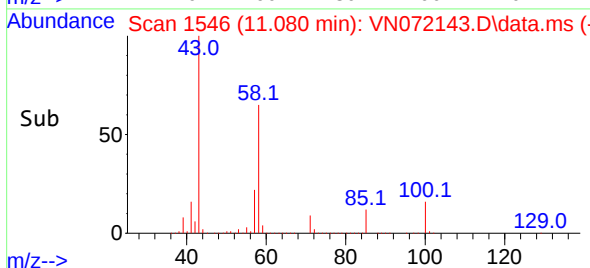
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

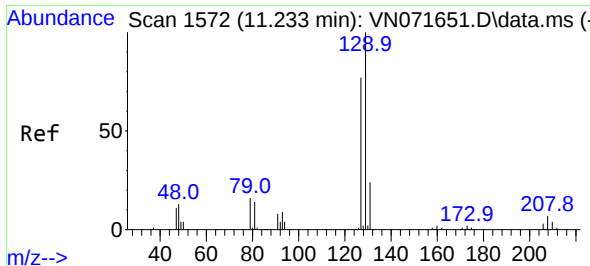


#59
2-Hexanone
Concen: 288.491 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



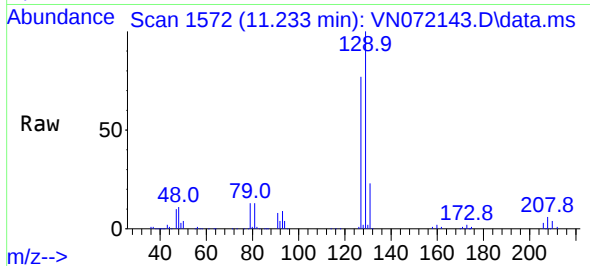
Tgt Ion: 43 Resp: 1338895
Ion Ratio Lower Upper
43 100
58 65.0 29.7 89.1





#60
Dibromochloromethane
Concen: 58.214 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

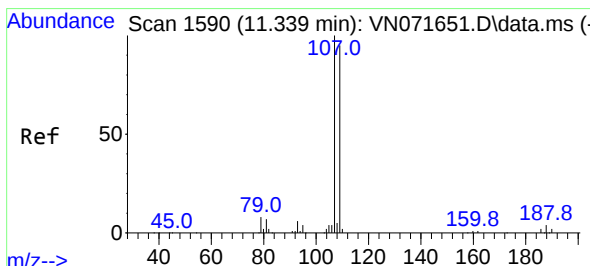
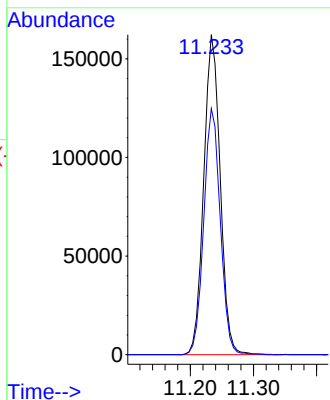
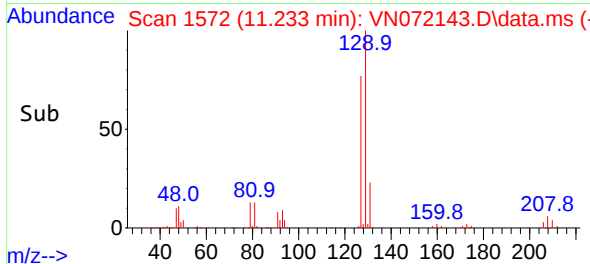
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



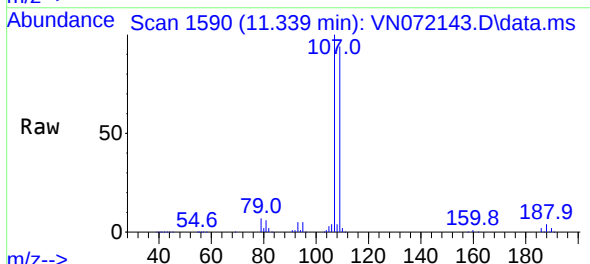
Tgt Ion:129 Resp: 293779
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

Manual Integrations
APPROVED

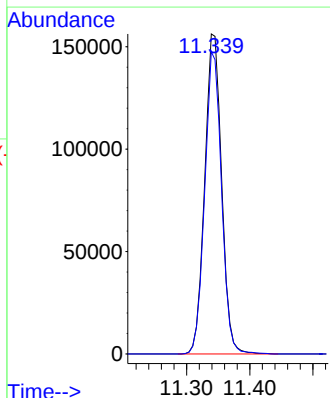
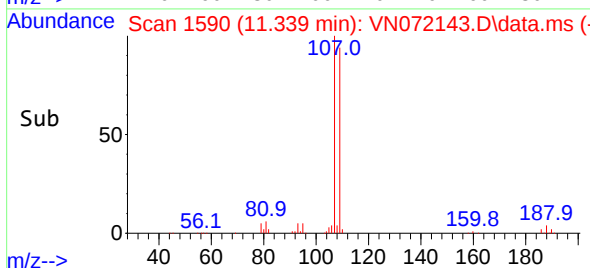
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

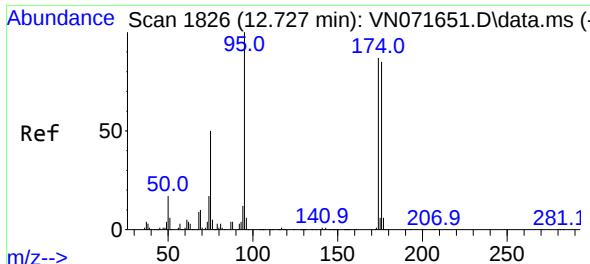


#61
1,2-Dibromoethane
Concen: 56.915 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



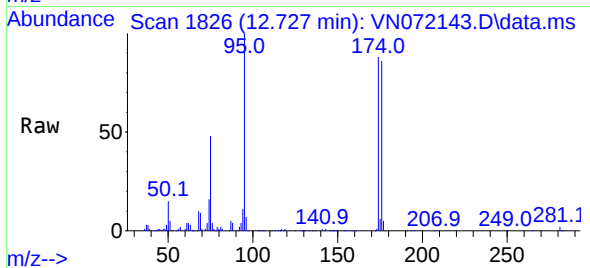
Tgt Ion:107 Resp: 289964
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 52.218 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

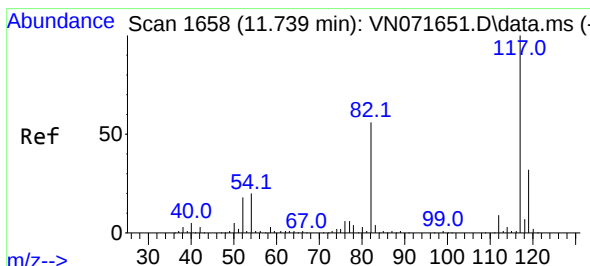
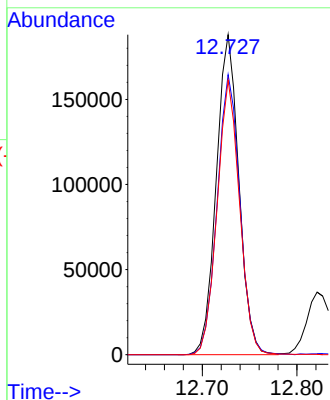
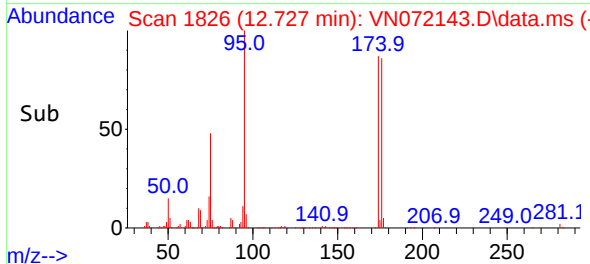
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



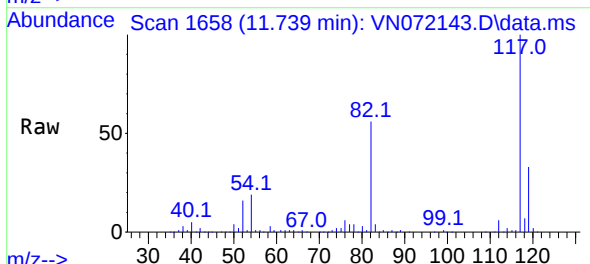
Tgt Ion: 95 Resp: 311558
Ion Ratio Lower Upper
95 100
174 88.0 0.0 167.6
176 85.2 0.0 163.4

Manual Integrations
APPROVED

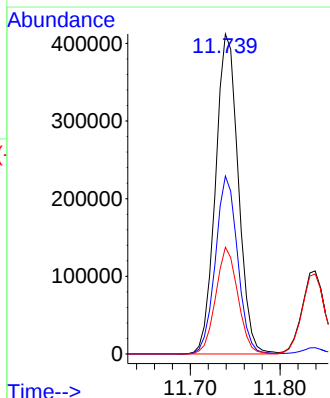
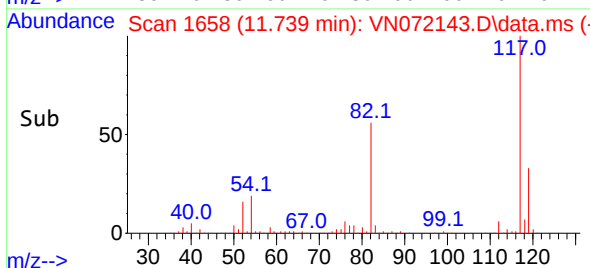
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

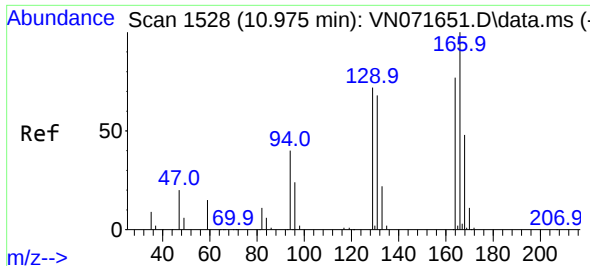


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



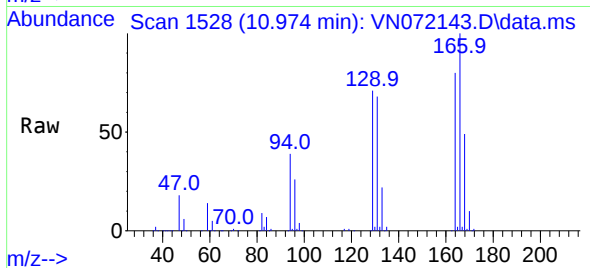
Tgt Ion:117 Resp: 727291
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 33.3 25.4 38.0





#64
Tetrachloroethene
Concen: 49.302 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

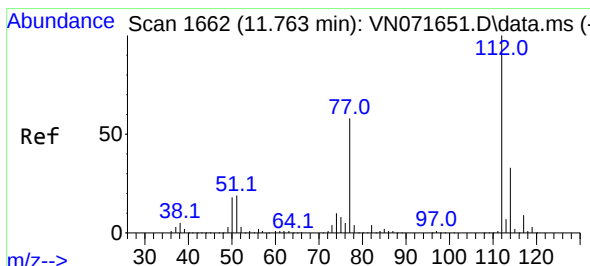
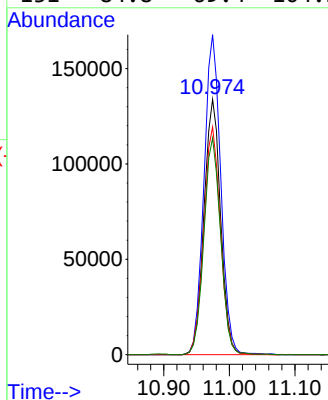
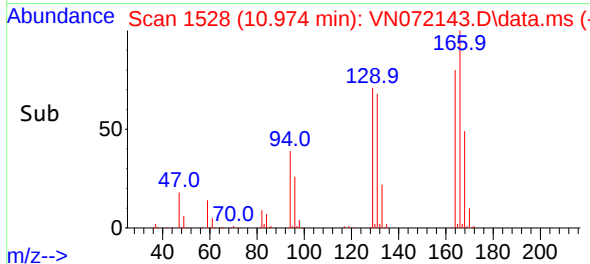
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



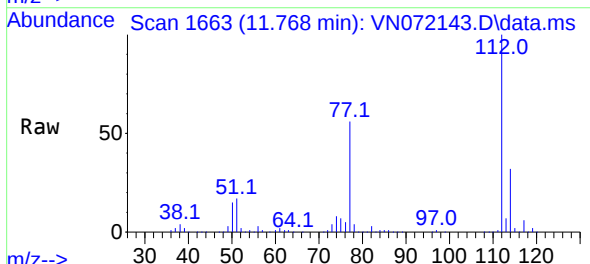
Tgt Ion:164 Resp: 236779
Ion Ratio Lower Upper
164 100
166 125.3 104.2 156.2
129 89.2 73.9 110.9
131 84.8 69.4 104.2

Manual Integrations
APPROVED

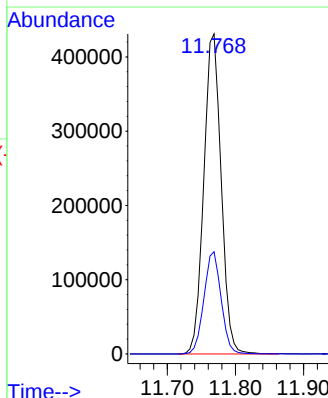
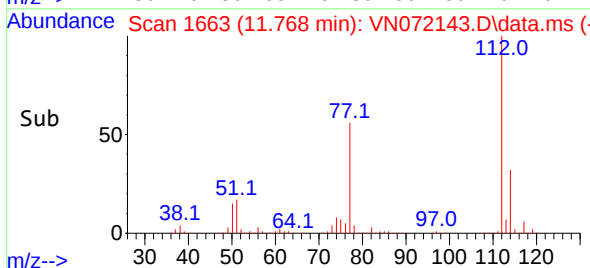
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

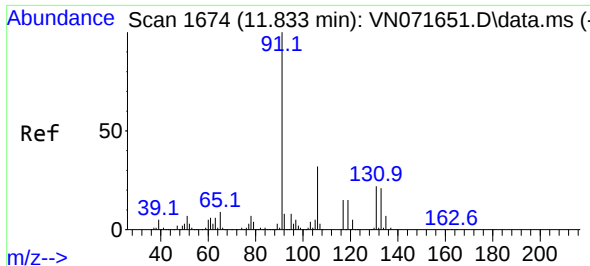


#65
Chlorobenzene
Concen: 52.447 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



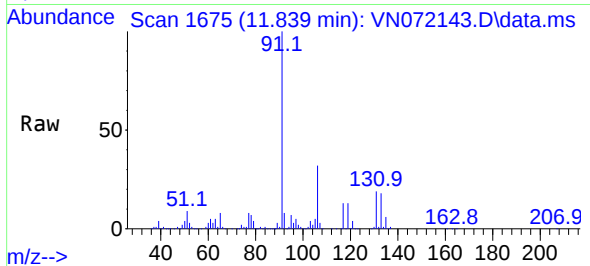
Tgt Ion:112 Resp: 763792
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 52.151 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

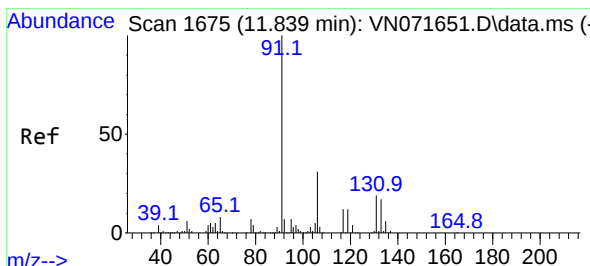
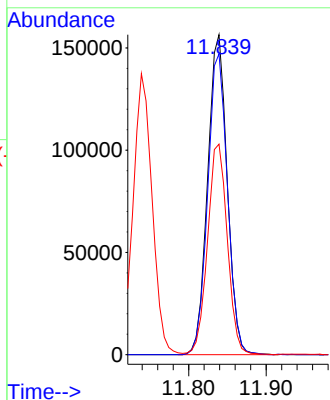
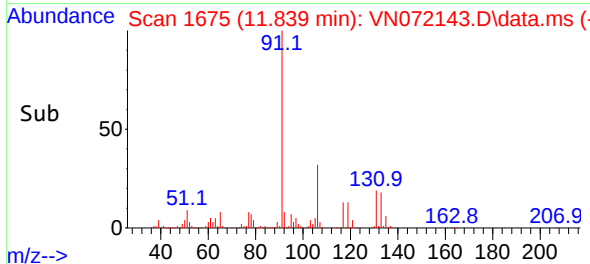
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



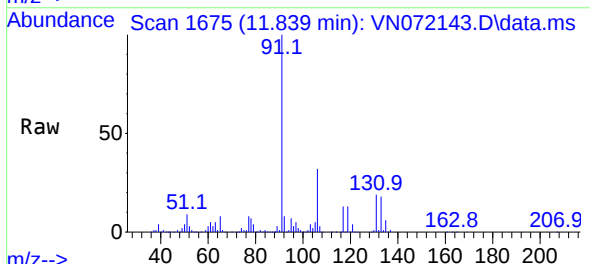
Tgt Ion:131 Resp: 274050
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 66.7 33.4 100.2

Manual Integrations
APPROVED

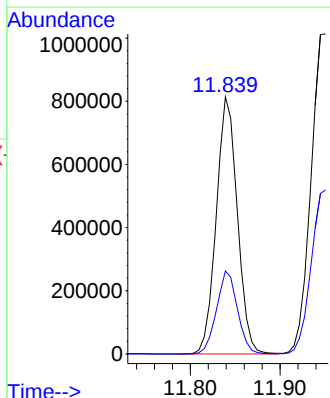
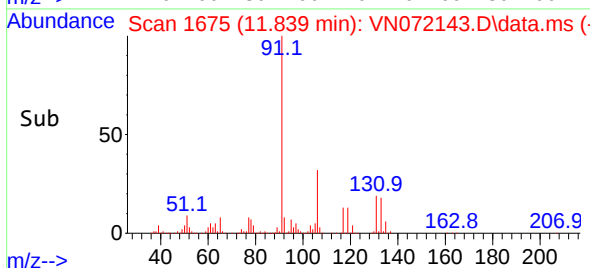
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

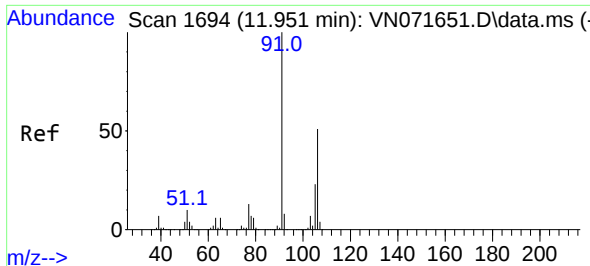


#67
Ethyl Benzene
Concen: 53.828 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



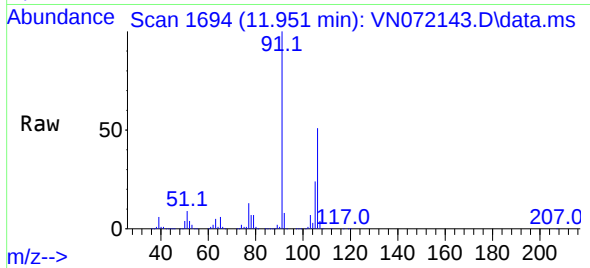
Tgt Ion: 91 Resp: 1327019
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3





#68
m/p-Xylenes
Concen: 108.803 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

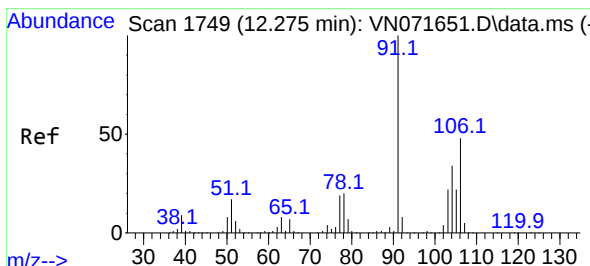
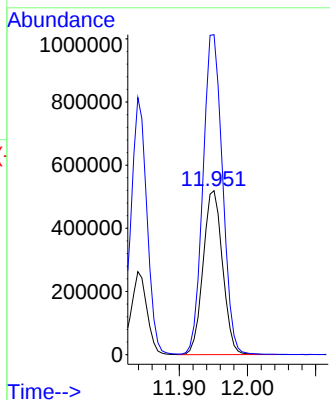
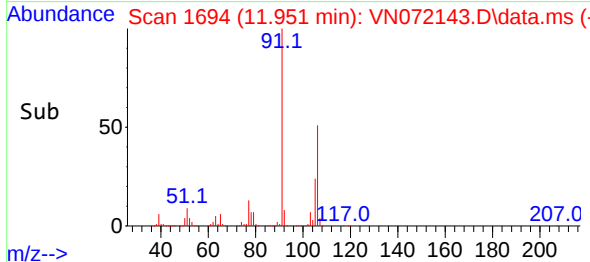
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



Tgt Ion:106 Resp: 1030620
Ion Ratio Lower Upper
106 100
91 196.3 158.9 238.3

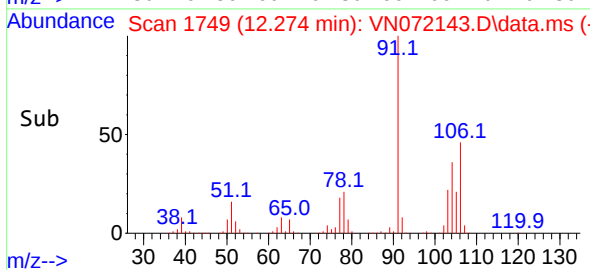
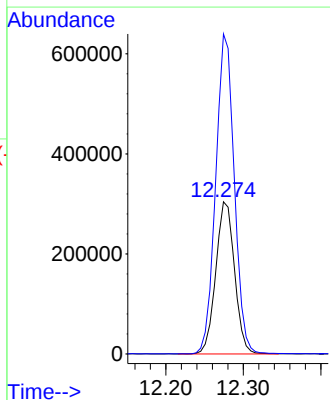
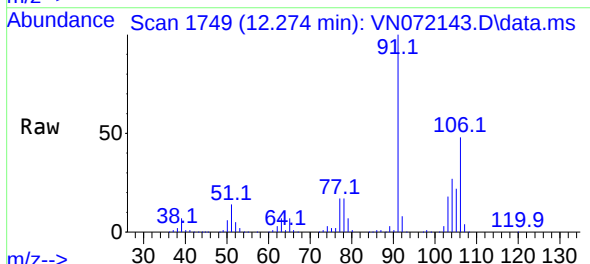
Manual Integrations
APPROVED

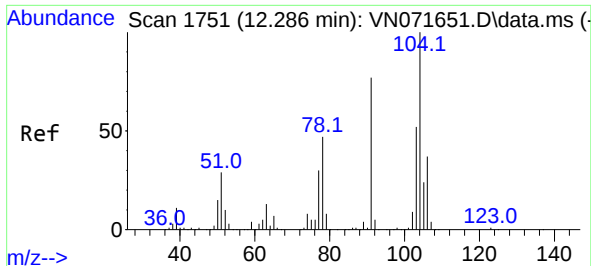
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#69
o-Xylene
Concen: 54.521 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

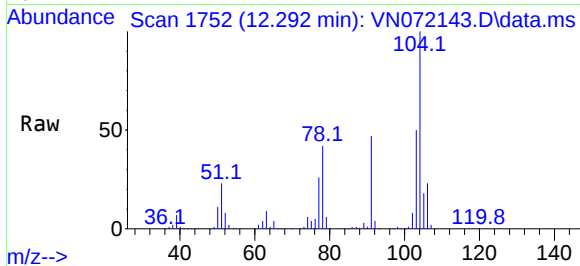
Tgt Ion:106 Resp: 512597
Ion Ratio Lower Upper
106 100
91 208.2 106.0 318.0





#70
Styrene
Concen: 57.846 ug/l
RT: 12.292 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

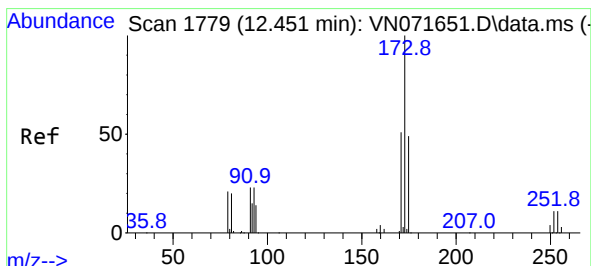
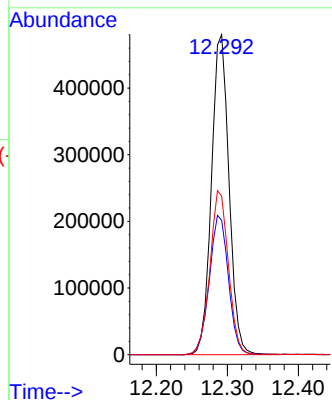
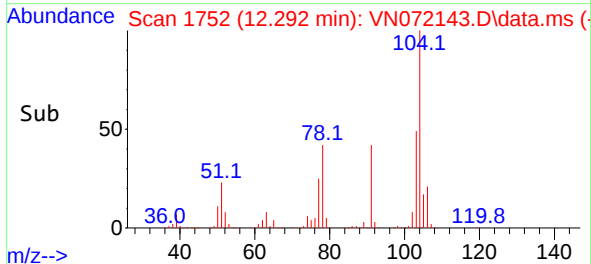
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



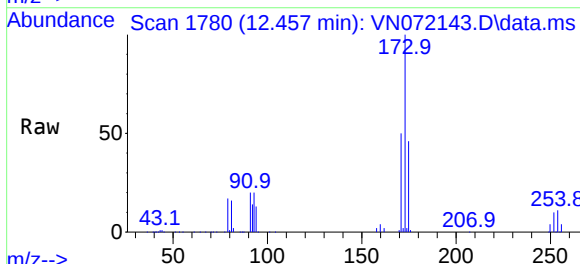
Tgt Ion:104 Resp: 82403
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 54.2 44.0 66.0

Manual Integrations
APPROVED

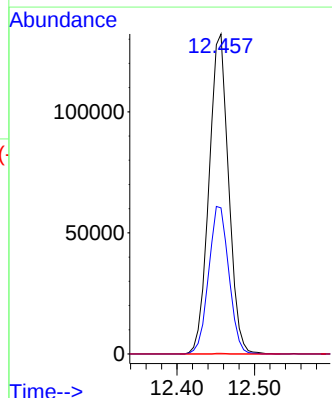
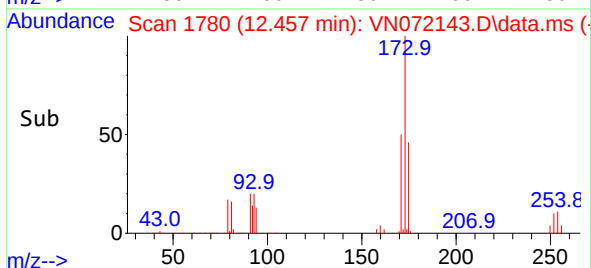
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

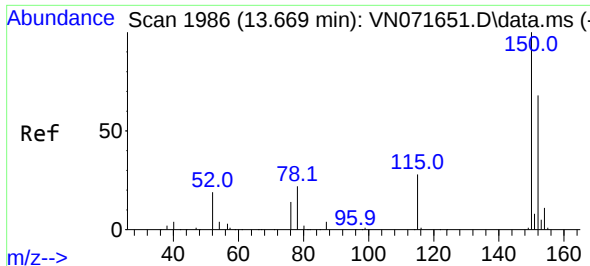


#71
Bromoform
Concen: 57.904 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



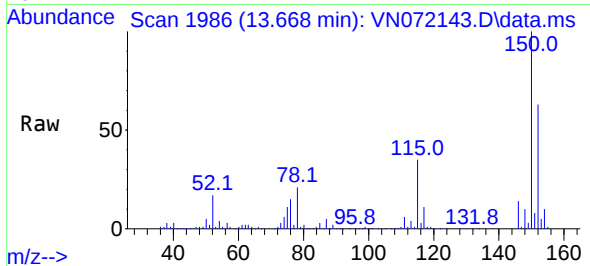
Tgt Ion:173 Resp: 231718
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.1 0.1 0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

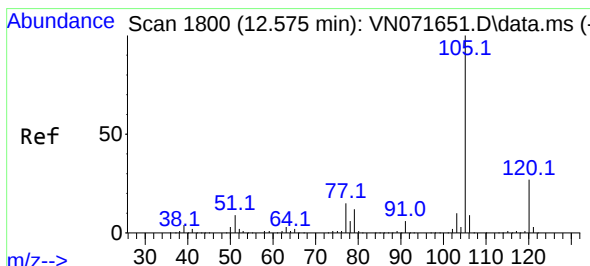
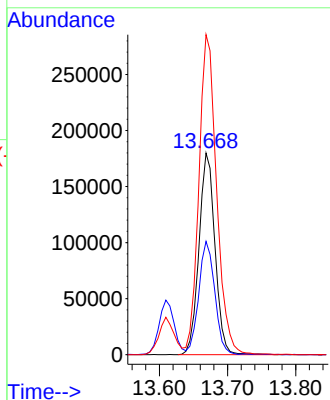
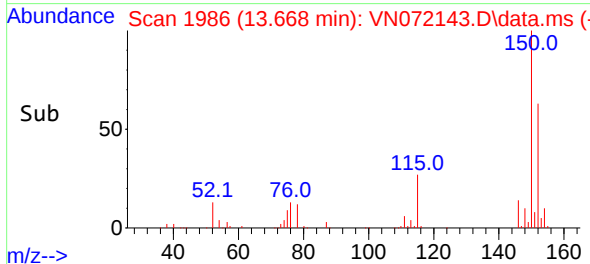
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



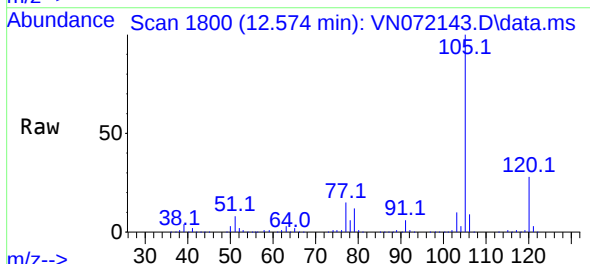
Tgt Ion:152 Resp: 293798
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 175.7 0.0 356.2

Manual Integrations
APPROVED

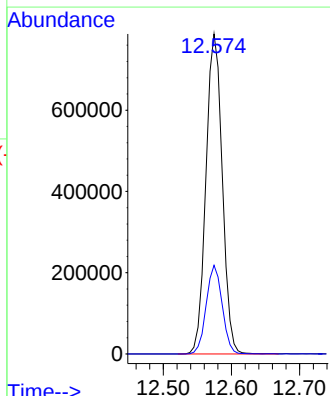
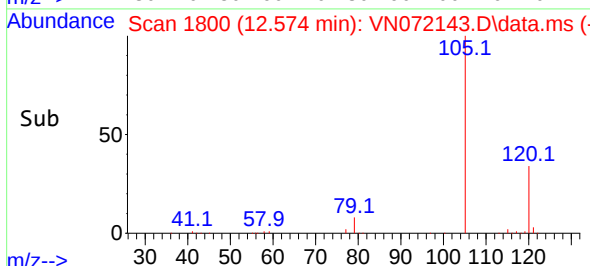
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

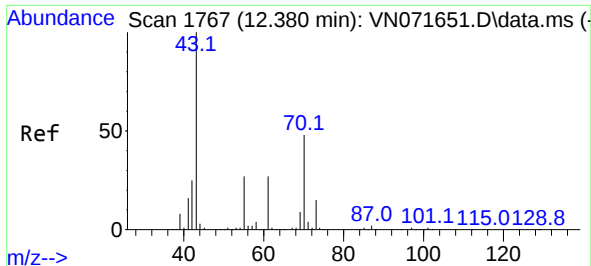


#73
Isopropylbenzene
Concen: 52.941 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



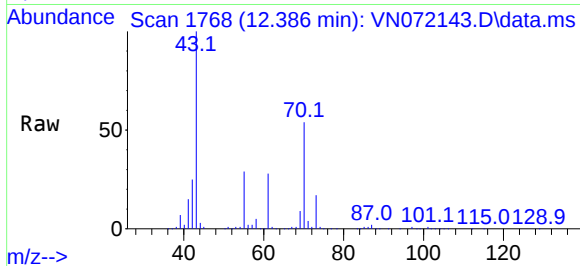
Tgt Ion:105 Resp: 1310680
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4





#74
N-amy1 acetate
Concen: 49.290 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

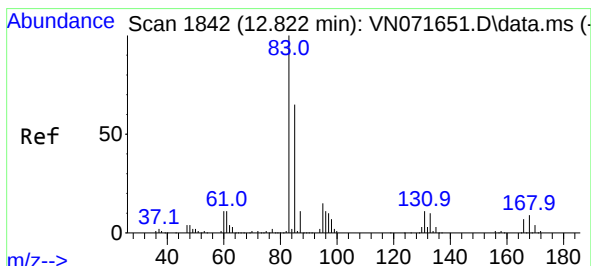
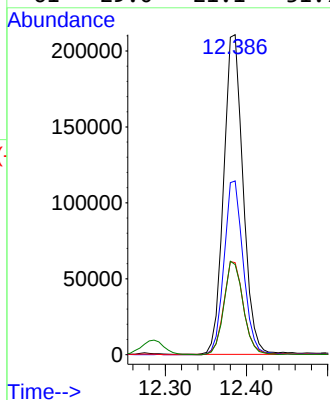
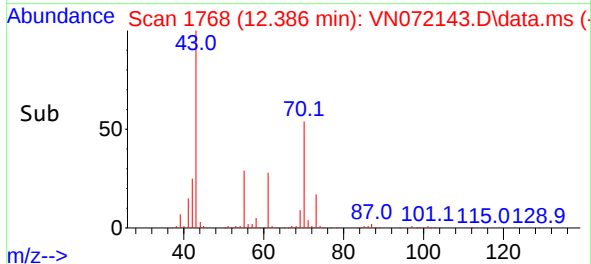
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



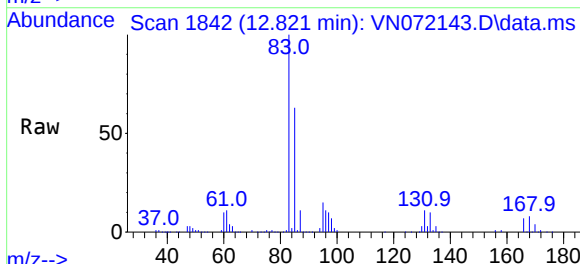
Tgt Ion: 43 Resp: 349638
Ion Ratio Lower Upper
43 100
70 54.0 39.0 58.4
55 29.6 21.1 31.7
61 29.0 21.1 31.7

Manual Integrations
APPROVED

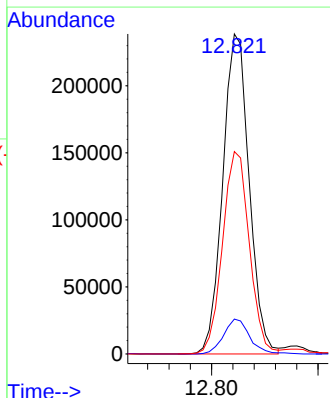
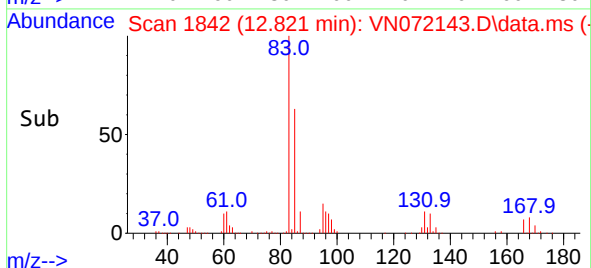
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

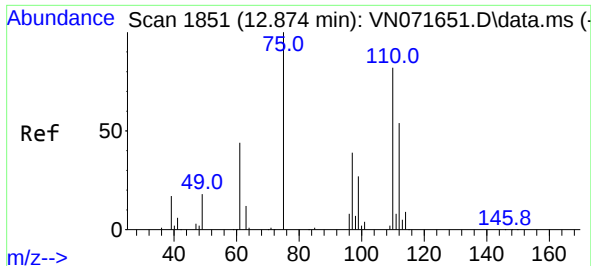


#75
1,1,2,2-Tetrachloroethane
Concen: 49.673 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



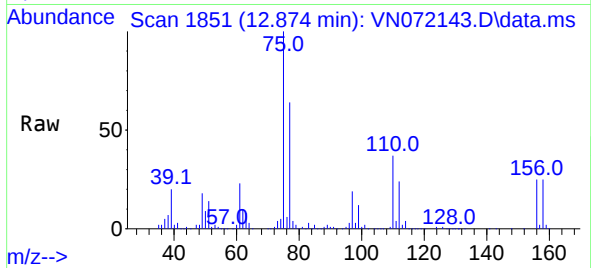
Tgt Ion: 83 Resp: 410328
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 64.1 32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 45.757 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

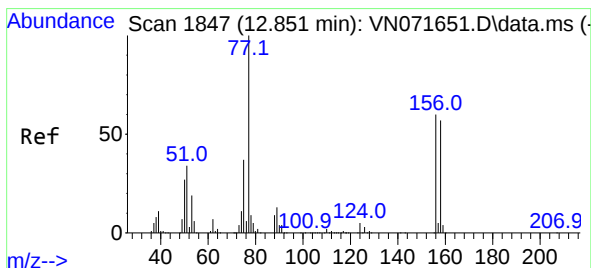
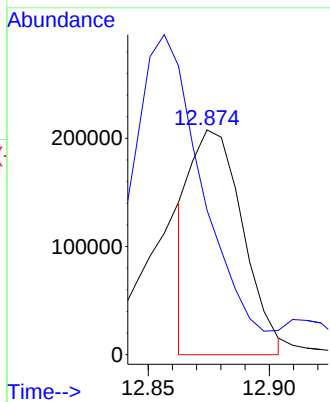
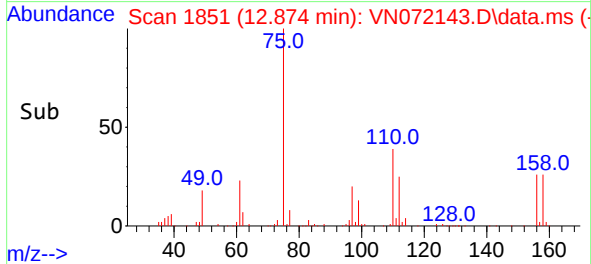
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



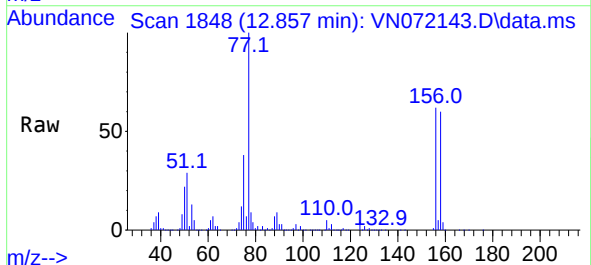
Tgt Ion: 75 Resp: 31142
Ion Ratio Lower Upper
75 100
77 195.8 98.5 295.5

Manual Integrations
APPROVED

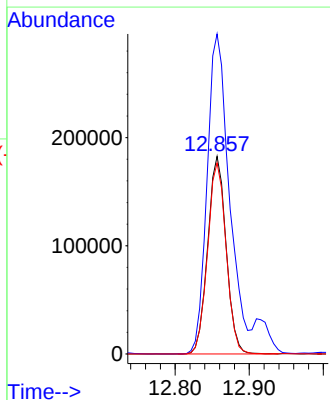
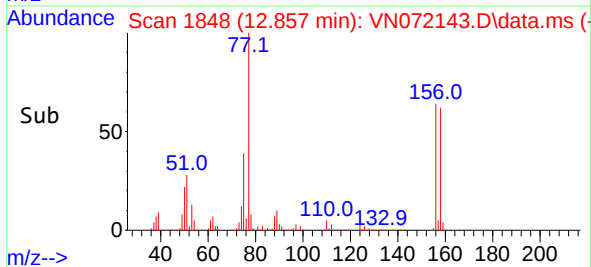
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

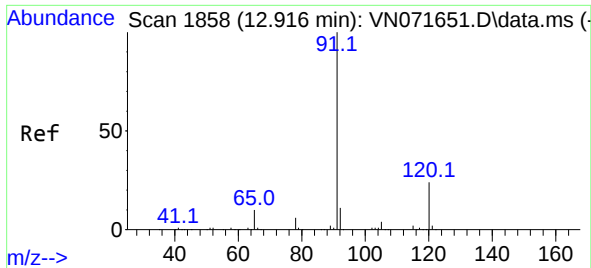


#77
Bromobenzene
Concen: 50.820 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



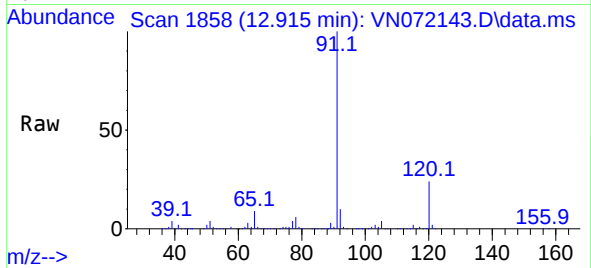
Tgt Ion:156 Resp: 315408
Ion Ratio Lower Upper
156 100
77 193.3 100.5 301.5
158 97.1 48.9 146.6





#78
n-propylbenzene
Concen: 53.381 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

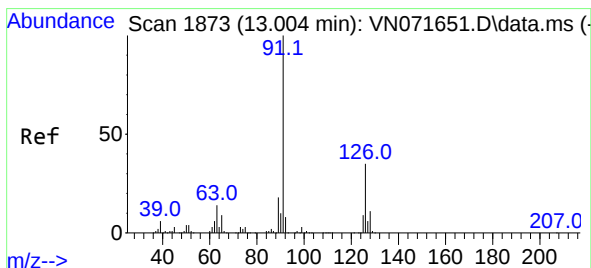
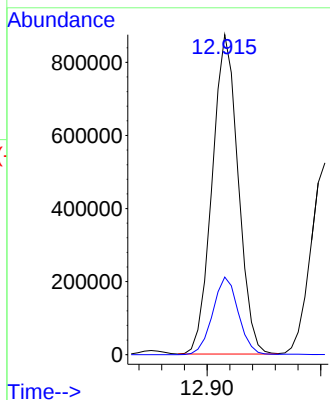
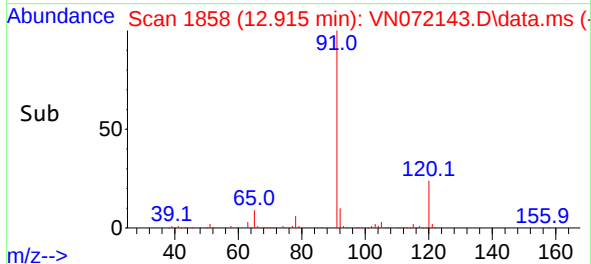
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



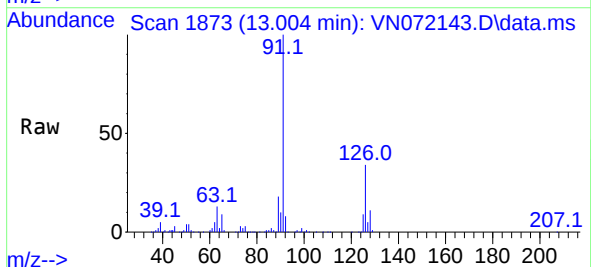
Tgt Ion: 91 Resp: 139018
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5

Manual Integrations
APPROVED

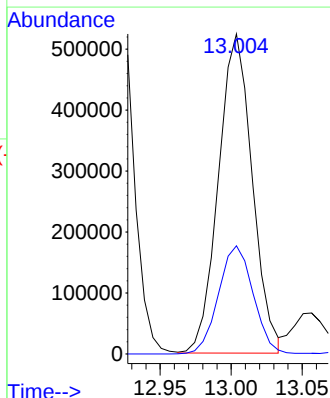
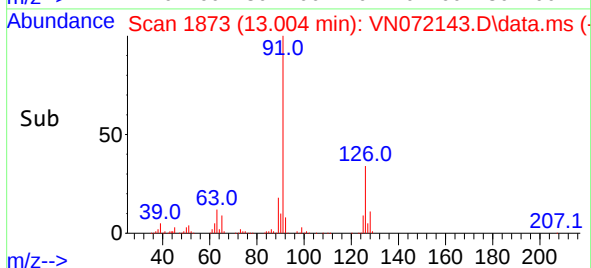
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

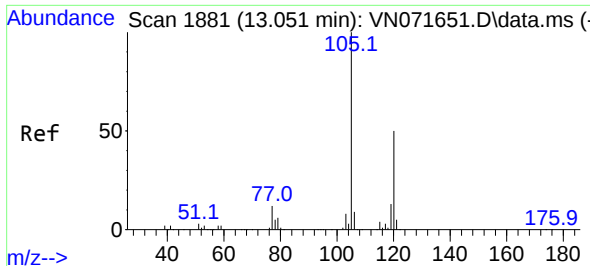


#79
2-Chlorotoluene
Concen: 51.880 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



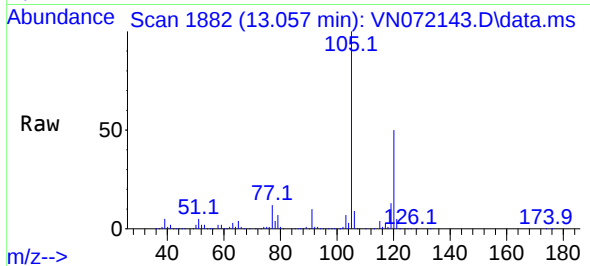
Tgt Ion: 91 Resp: 866469
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9





#80
1,3,5-Trimethylbenzene
Concen: 54.345 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

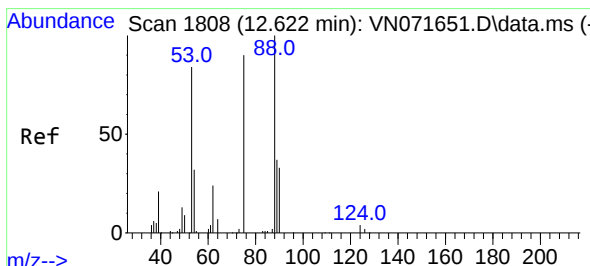
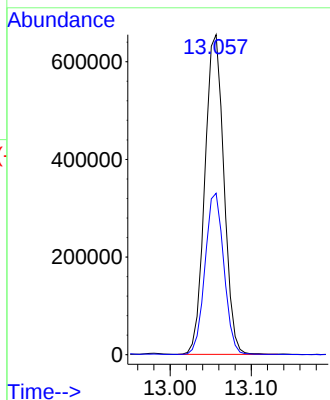
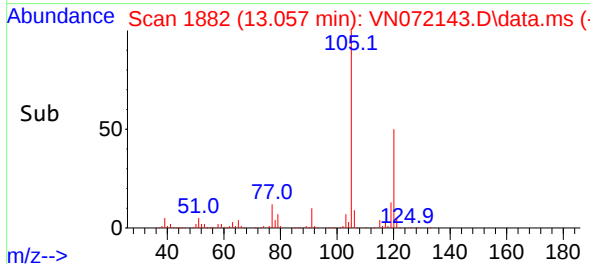
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



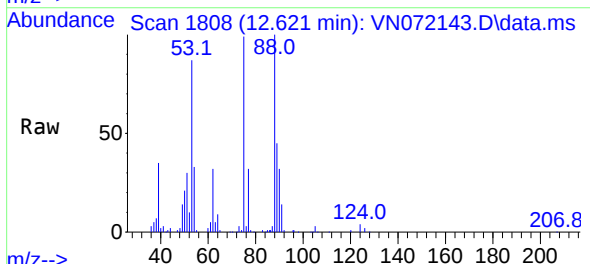
Tgt Ion:105 Resp: 106602
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7

Manual Integrations
APPROVED

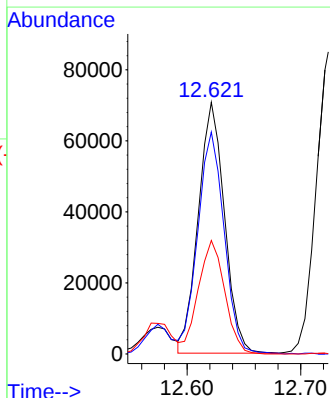
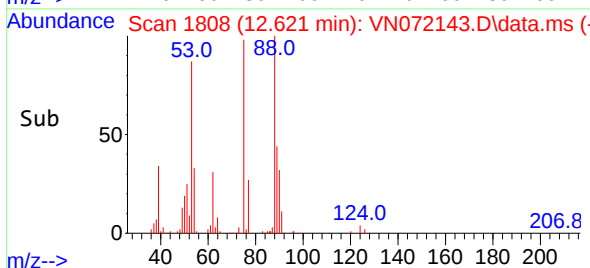
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

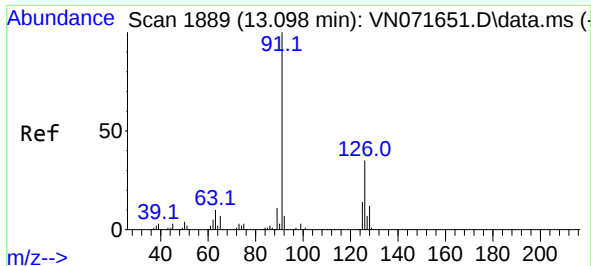


#81
trans-1,4-Dichloro-2-butene
Concen: 51.431 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



Tgt Ion: 75 Resp: 112955
Ion Ratio Lower Upper
75 100
53 89.5 78.0 117.0
89 46.1 37.2 55.8





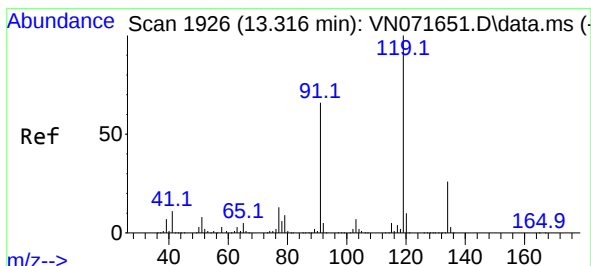
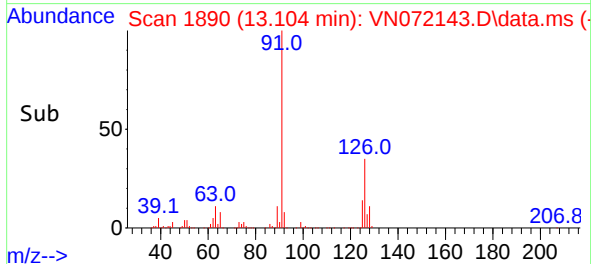
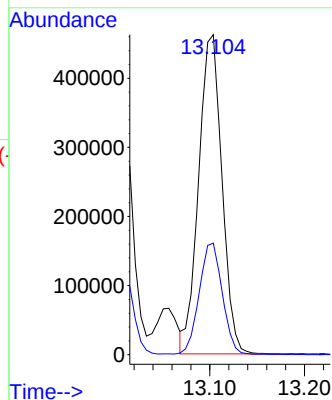
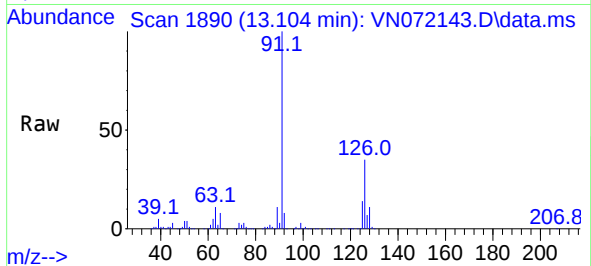
#82
4-Chlorotoluene
Concen: 51.021 ug/l
RT: 13.104 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 91 Resp: 78985
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

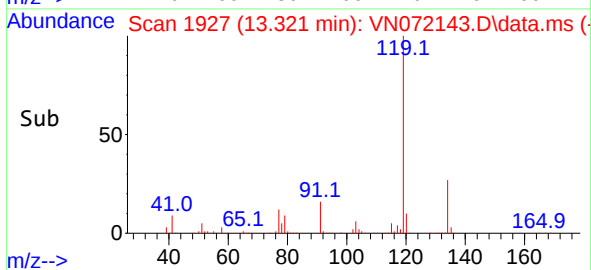
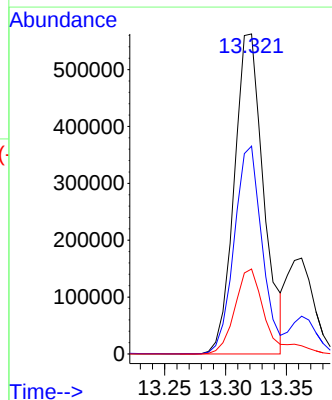
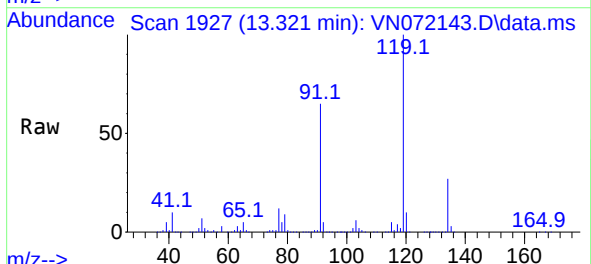
Manual Integrations
APPROVED

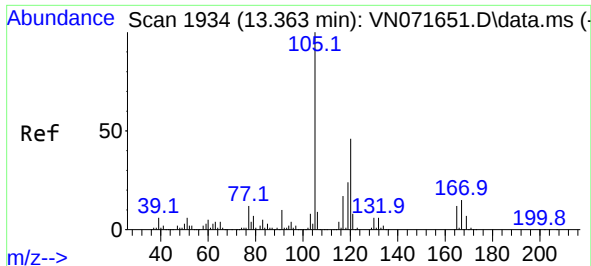
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#83
tert-Butylbenzene
Concen: 52.684 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

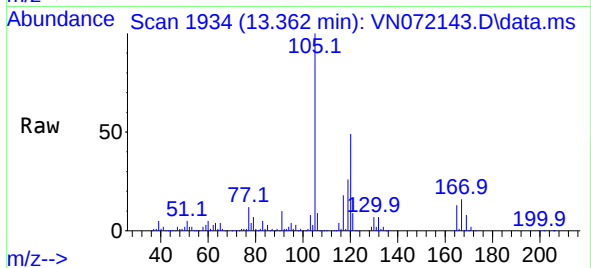
Tgt Ion:119 Resp: 944676
Ion Ratio Lower Upper
119 100
91 61.6 31.6 94.8
134 27.9 13.7 41.1





#84
1,2,4-Trimethylbenzene
Concen: 54.498 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

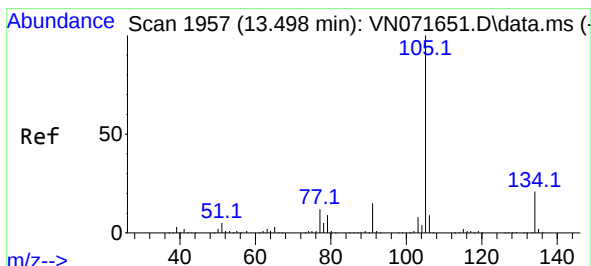
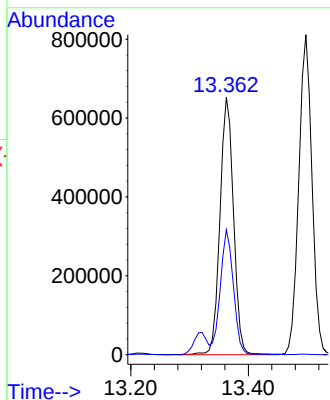
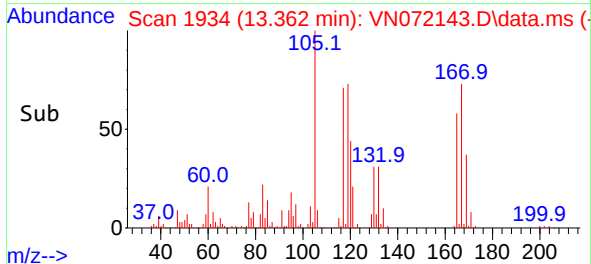
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



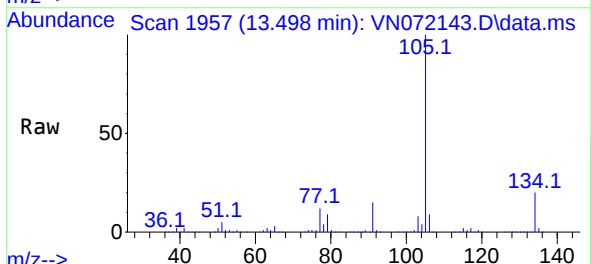
Tgt Ion:105 Resp: 1043040
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.8

Manual Integrations
APPROVED

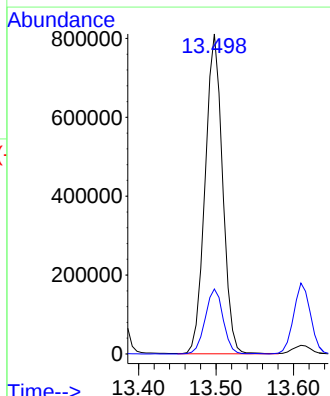
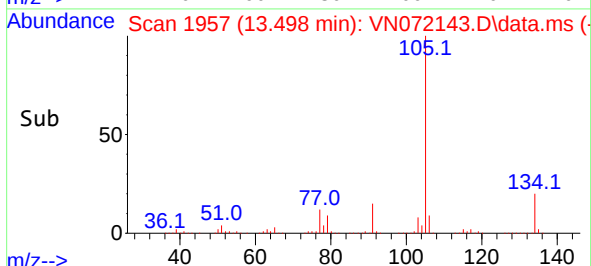
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

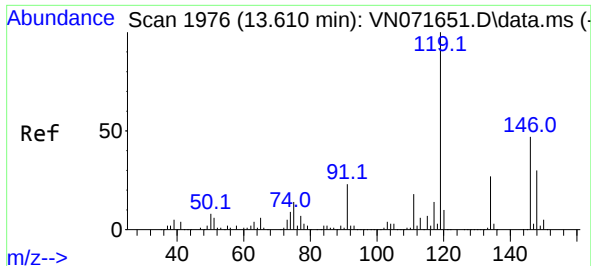


#85
sec-Butylbenzene
Concen: 54.475 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



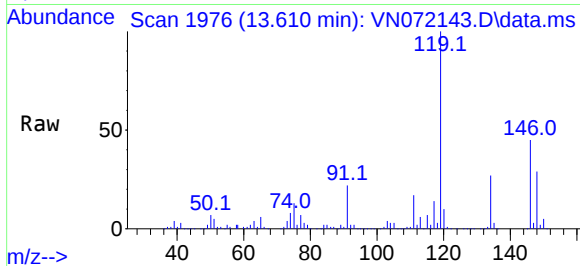
Tgt Ion:105 Resp: 1266224
Ion Ratio Lower Upper
105 100
134 20.9 10.4 31.1





#86
p-Isopropyltoluene
Concen: 55.695 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

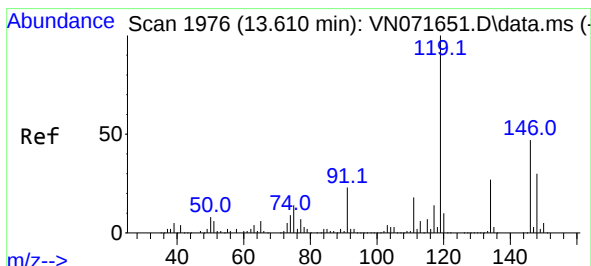
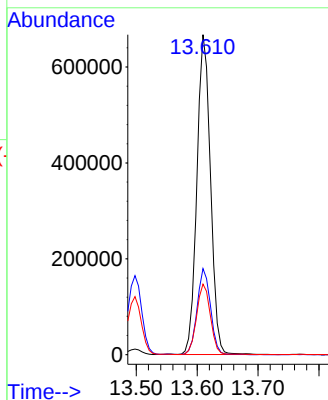
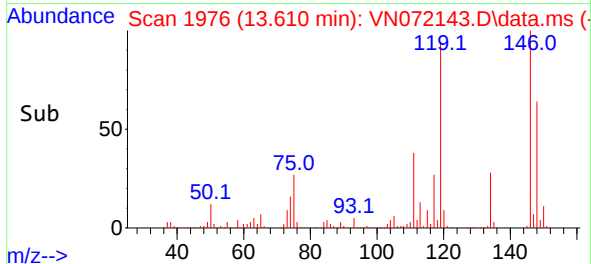
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



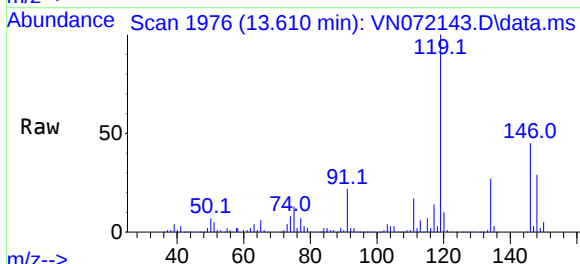
Tgt Ion:119 Resp: 1032228
Ion Ratio Lower Upper
119 100
134 26.5 13.3 39.8
91 22.3 11.3 33.9

Manual Integrations
APPROVED

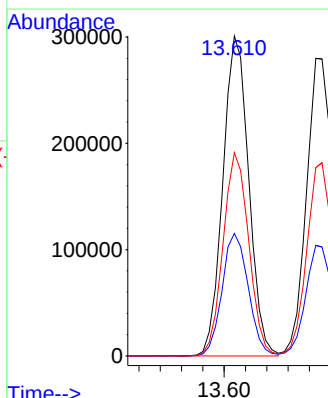
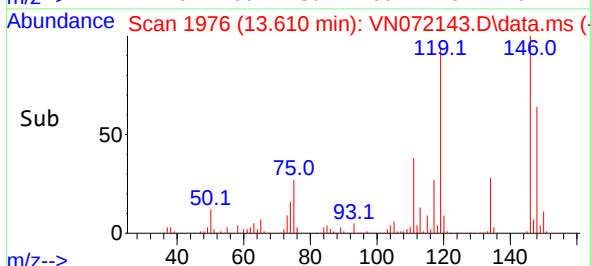
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

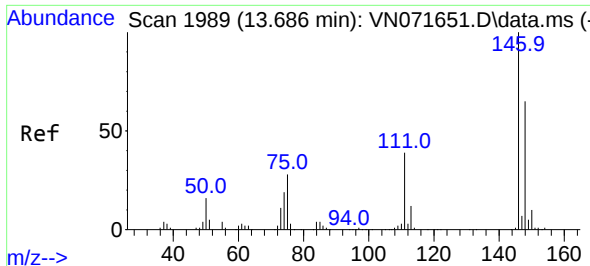


#87
1,3-Dichlorobenzene
Concen: 51.241 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



Tgt Ion:146 Resp: 506647
Ion Ratio Lower Upper
146 100
111 38.8 20.0 60.0
148 63.2 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 50.068 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

Instrument :

MSVOA_N

ClientSampleId :

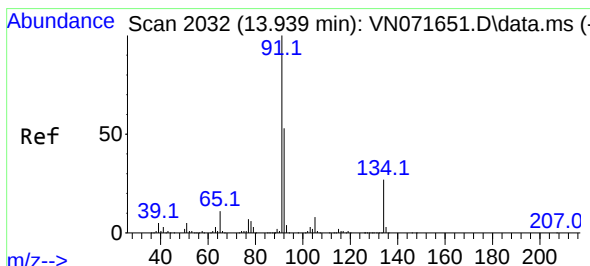
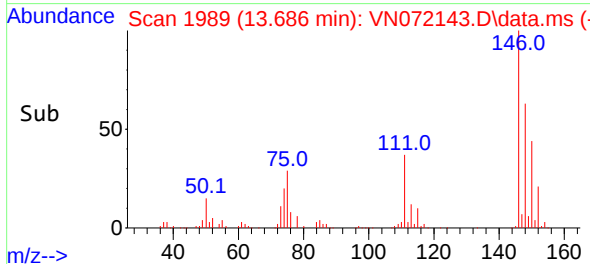
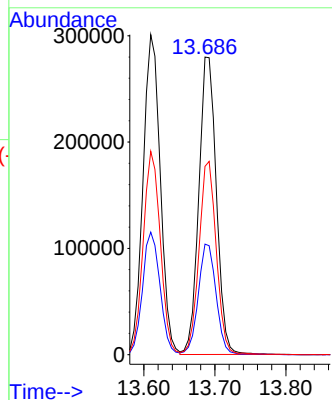
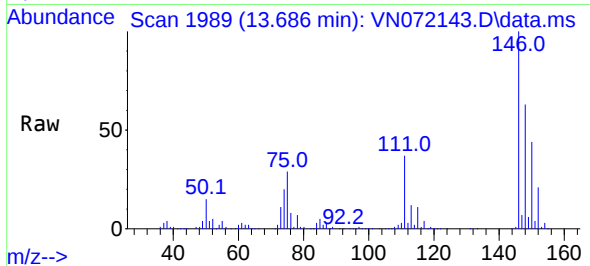
MW-30MSD

Tgt Ion:146 Resp: 482969
Ion Ratio Lower Upper
146 100
111 37.1 19.1 57.1
148 64.3 31.4 94.3

Manual Integrations

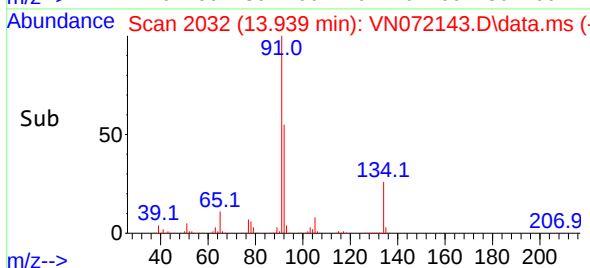
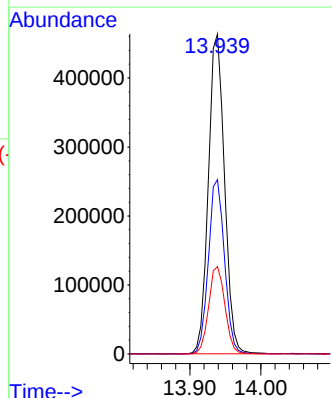
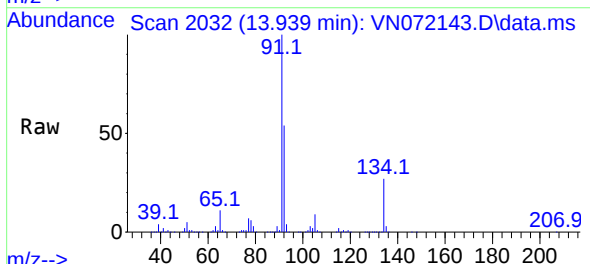
APPROVED

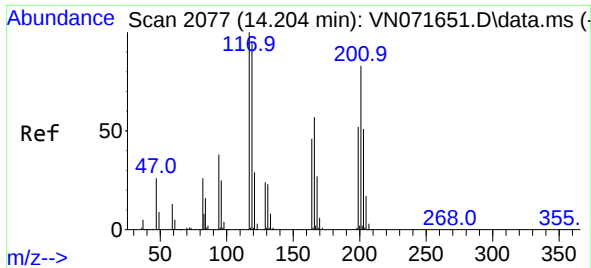
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#89
n-Butylbenzene
Concen: 53.346 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

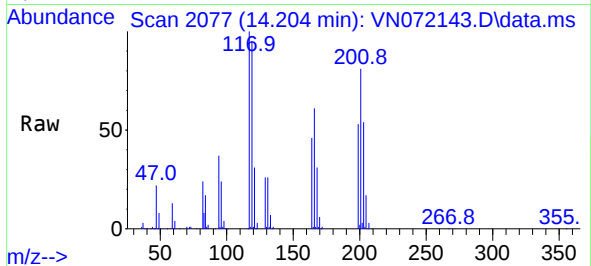
Tgt Ion: 91 Resp: 733295
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 27.7 13.6 40.8





#90
Hexachloroethane
Concen: 55.124 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

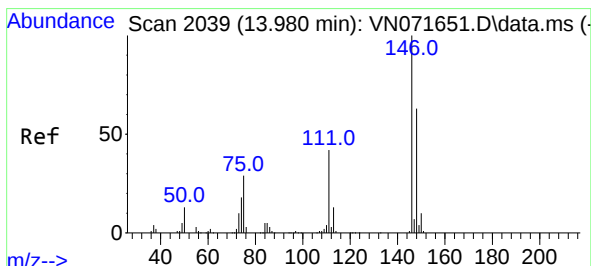
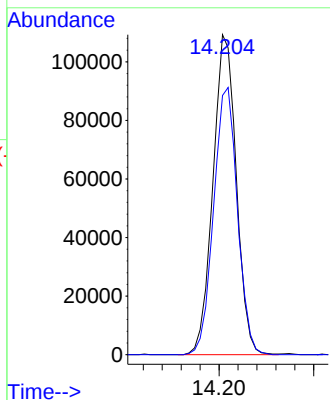
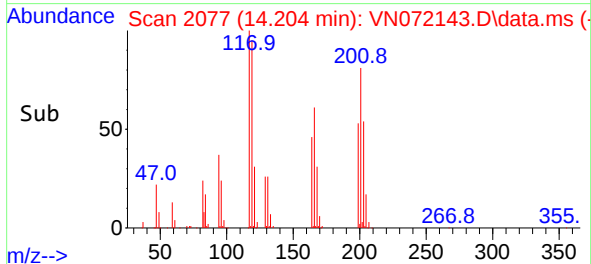
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



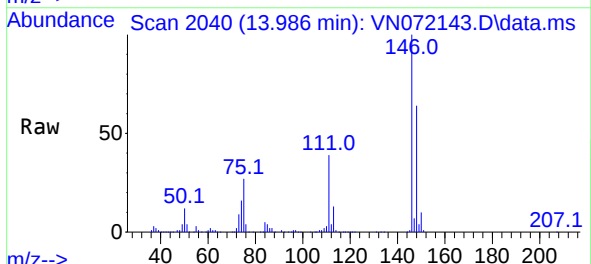
Tgt Ion:117 Resp: 187017
Ion Ratio Lower Upper
117 100
201 85.1 40.6 122.0

Manual Integrations
APPROVED

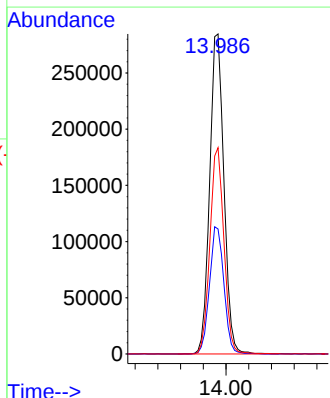
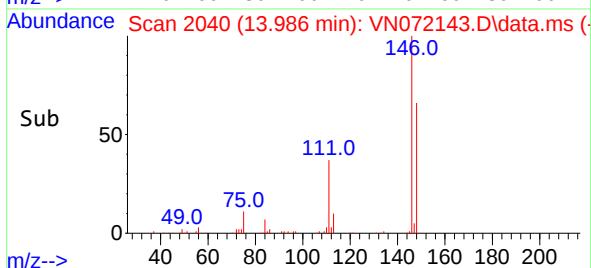
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

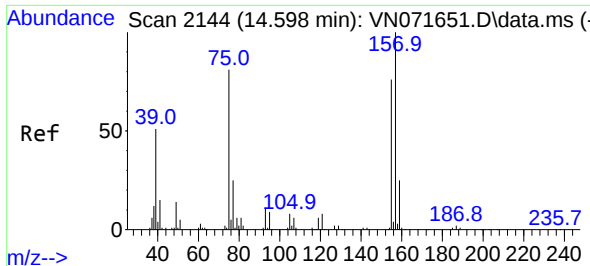


#91
1,2-Dichlorobenzene
Concen: 50.858 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



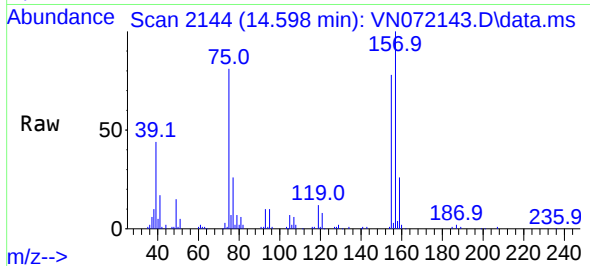
Tgt Ion:146 Resp: 493673
Ion Ratio Lower Upper
146 100
111 40.2 20.9 62.8
148 63.7 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 56.592 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

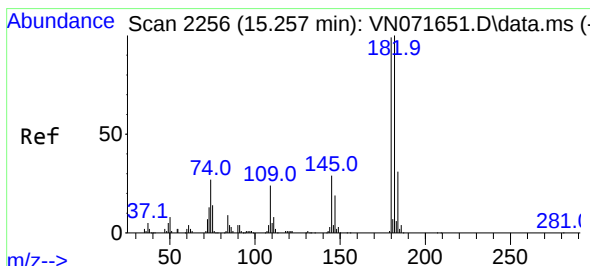
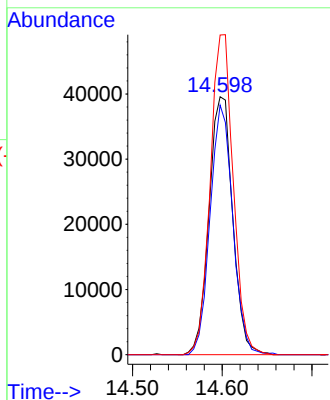
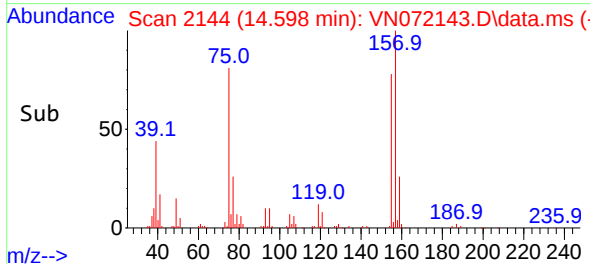
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



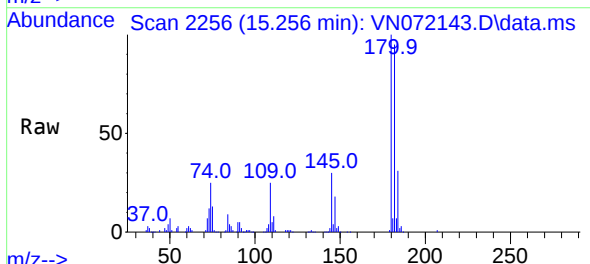
Tgt Ion: 75 Resp: 7251
Ion Ratio Lower Upper
75 100
155 92.5 44.9 134.5
157 120.8 59.0 176.8

Manual Integrations
APPROVED

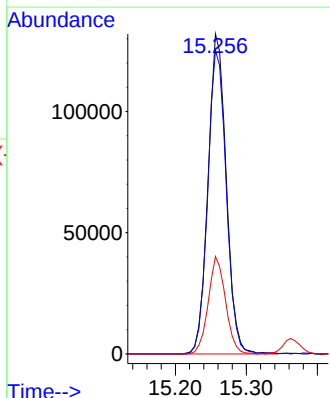
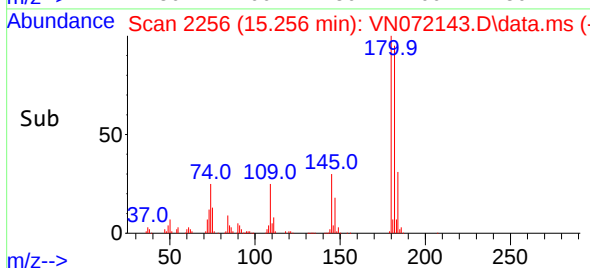
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

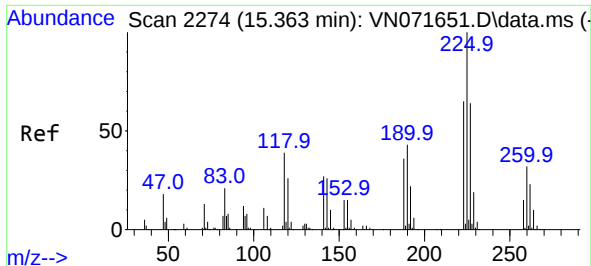


#93
1,2,4-Trichlorobenzene
Concen: 50.243 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



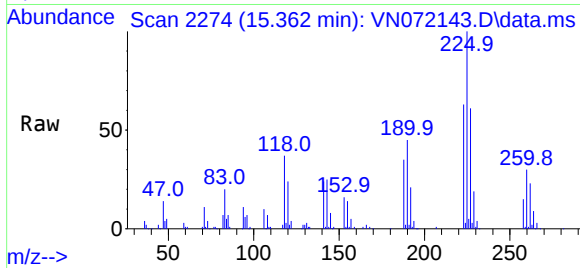
Tgt Ion:180 Resp: 234972
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 29.0 14.5 43.5





#94
Hexachlorobutadiene
Concen: 46.381 ug/l
RT: 15.362 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22

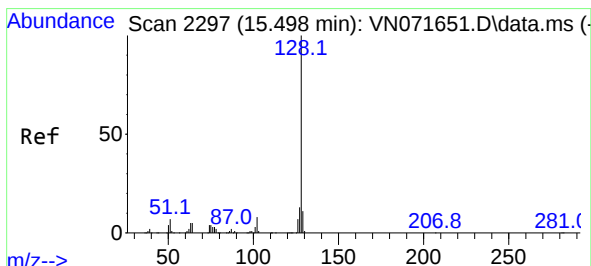
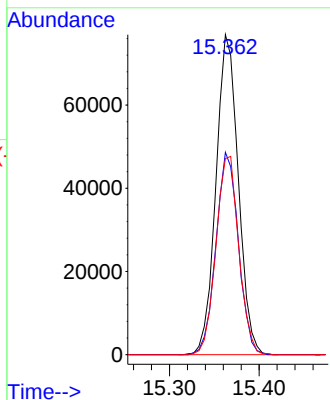
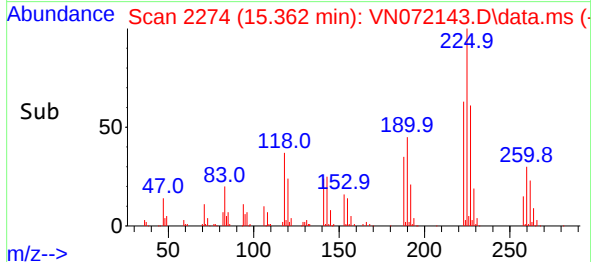
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD



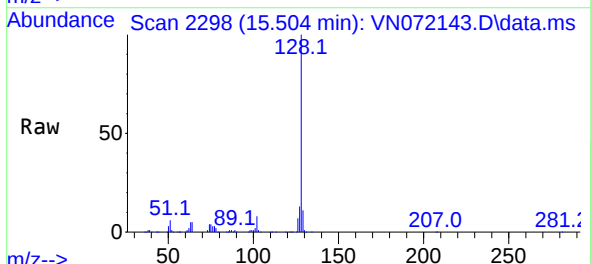
Tgt Ion:225 Resp: 13278
Ion Ratio Lower Upper
225 100
223 63.6 32.4 97.2
227 63.4 31.8 95.4

Manual Integrations
APPROVED

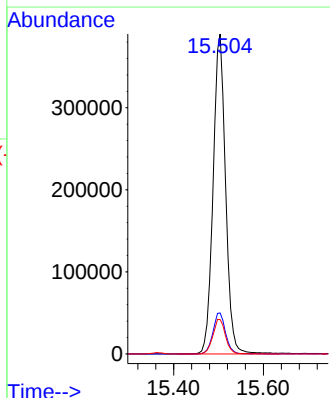
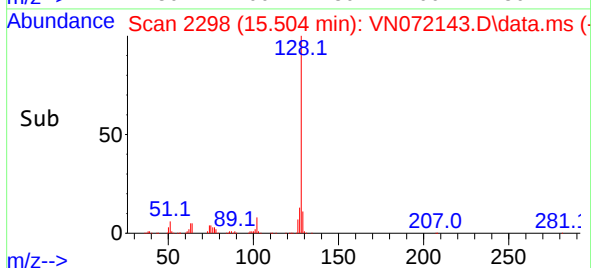
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

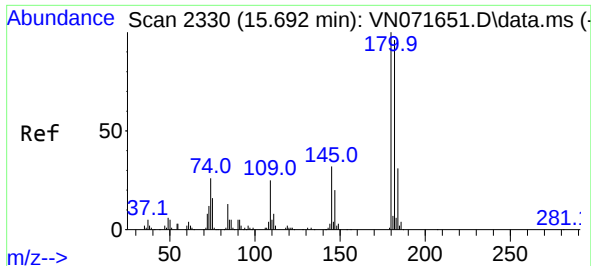


#95
Naphthalene
Concen: 55.753 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072143.D
Acq: 21 Apr 2022 22:22



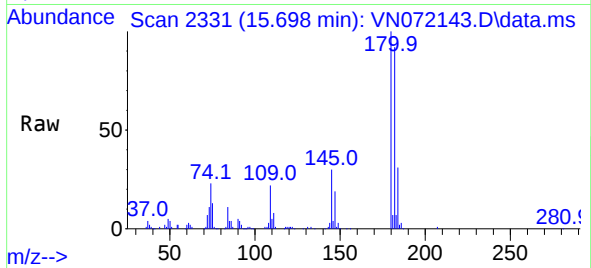
Tgt Ion:128 Resp: 752243
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 53.700 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072143.D
 Acq: 21 Apr 2022 22:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	30.2	15.5	46.5

Manual Integrations
 APPROVED

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