

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071253.D
 Acq On : 11 Mar 2022 17:22
 Operator : JC\MD
 Sample : VN0311MBS03
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:14:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	782707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1270795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1134854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	446841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	537688	50.123	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.240%			
35) Dibromofluoromethane	8.016	113	405839	50.609	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.220%			
50) Toluene-d8	10.439	98	1604425	49.692	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.727	95	531475	48.610	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	126461	14.742	ug/l	98
3) Chloromethane	2.298	50	181067	15.699	ug/l	99
4) Vinyl Chloride	2.440	62	155809	14.821	ug/l	94
5) Bromomethane	2.840	94	89720	14.920	ug/l	100
6) Chloroethane	3.010	64	100808	15.834	ug/l	99
7) Trichlorofluoromethane	3.369	101	213737	15.447	ug/l	98
8) Diethyl Ether	3.822	74	93652	15.817	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.204	101	126827	15.833	ug/l	95
10) Methyl Iodide	4.416	142	158040	13.969	ug/l	100
11) Tert butyl alcohol	5.363	59	170793	81.047	ug/l	99
12) 1,1-Dichloroethene	4.187	96	121383	15.469	ug/l	96
13) Acrolein	4.040	56	117521	52.688	ug/l	100
14) Allyl chloride	4.834	41	258233	15.131	ug/l	88
15) Acrylonitrile	5.545	53	491737	78.586	ug/l	99
16) Acetone	4.281	43	423443	81.126	ug/l	97
17) Carbon Disulfide	4.528	76	284568	12.738	ug/l	99
18) Methyl Acetate	4.851	43	258937	18.768	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	486960	16.529	ug/l	97
20) Methylene Chloride	5.092	84	151853	16.178	ug/l	91
21) trans-1,2-Dichloroethene	5.592	96	131063	15.270	ug/l	88
22) Diisopropyl ether	6.492	45	543773	16.172	ug/l	92
23) Vinyl Acetate	6.428	43	2305683	81.001	ug/l	99
24) 1,1-Dichloroethane	6.386	63	279021	15.704	ug/l	99
25) 2-Butanone	7.333	43	690520	82.126	ug/l	95
26) 2,2-Dichloropropane	7.322	77	227542	16.601	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	158591	15.568	ug/l	91
28) Bromochloromethane	7.657	49	140666	17.779	ug/l	83
29) Tetrahydrofuran	7.680	42	477943	82.051	ug/l	94
30) Chloroform	7.816	83	270027	15.935	ug/l	99
31) Cyclohexane	8.092	56	268941	15.699	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	231136	16.013	ug/l	99
36) 1,1-Dichloropropene	8.222	75	200947	15.640	ug/l	97
37) Ethyl Acetate	7.410	43	285768	16.161	ug/l	98
38) Carbon Tetrachloride	8.204	117	194090	15.617	ug/l	96
39) Methylcyclohexane	9.457	83	245102	16.216	ug/l	98
40) Benzene	8.457	78	620874	16.039	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	144072	16.649	ug/l #	86
42) 1,2-Dichloroethane	8.527	62	220708	16.384	ug/l	97
43) Isopropyl Acetate	8.557	43	472614	17.873	ug/l #	93
44) Trichloroethene	9.216	130	147762	16.177	ug/l	100
45) 1,2-Dichloropropane	9.486	63	166830	16.054	ug/l	99
46) Dibromomethane	9.574	93	101578	15.881	ug/l	98
47) Bromodichloromethane	9.757	83	204716	15.838	ug/l	97
48) Methyl methacrylate	9.557	41	200004	16.321	ug/l #	84
49) 1,4-Dioxane	9.569	88	71201	334.273	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	1388125	84.587	ug/l	99
52) Toluene	10.504	92	383087	16.071	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	227887	15.994	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	249389	16.019	ug/l	99
55) 1,1,2-Trichloroethane	10.898	97	154744	16.200	ug/l	99
56) Ethyl methacrylate	10.757	69	266370	17.076	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	274852	16.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	428787	144.118	ug/l	95
59) 2-Hexanone	11.080	43	1011336	90.322	ug/l	99
60) Dibromochloromethane	11.233	129	149591	15.762	ug/l	99
61) 1,2-Dibromoethane	11.345	107	156088	15.989	ug/l	99
64) Tetrachloroethene	10.974	164	126113	15.934	ug/l	98
65) Chlorobenzene	11.768	112	407823	16.733	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	144540	16.174	ug/l	100
67) Ethyl Benzene	11.839	91	734601	17.047	ug/l	98
68) m/p-Xylenes	11.951	106	552727	35.062	ug/l	99
69) o-Xylene	12.274	106	279062	17.660	ug/l	97
70) Styrene	12.292	104	443437	18.129	ug/l	97
71) Bromoform	12.457	173	107241	15.802	ug/l #	98
73) Isopropylbenzene	12.574	105	716047	16.623	ug/l	99
74) N-amyl acetate	12.386	43	321568	19.855	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	239334	17.007	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	218545m	18.396	ug/l	
77) Bromobenzene	12.857	156	160255	15.955	ug/l	81
78) n-propylbenzene	12.915	91	780918	16.895	ug/l	97
79) 2-Chlorotoluene	13.004	91	484370	16.325	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	569519	16.994	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	69992	16.932	ug/l	95
82) 4-Chlorotoluene	13.098	91	450961	17.063	ug/l	94
83) tert-Butylbenzene	13.321	119	517150	17.292	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	554798	17.284	ug/l	99
85) sec-Butylbenzene	13.498	105	700297	17.617	ug/l	99
86) p-Isopropyltoluene	13.610	119	565357	18.084	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	268511	16.452	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	259548	16.269	ug/l	94
89) n-Butylbenzene	13.939	91	438263	17.924	ug/l	95
90) Hexachloroethane	14.209	117	94993	15.280	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	265425	16.916	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	44297	17.675	ug/l	91
93) 1,2,4-Trichlorobenzene	15.262	180	128286	19.460	ug/l	96
94) Hexachlorobutadiene	15.368	225	74360	16.882	ug/l	97
95) Naphthalene	15.504	128	400171	22.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	126254	19.746	ug/l	99

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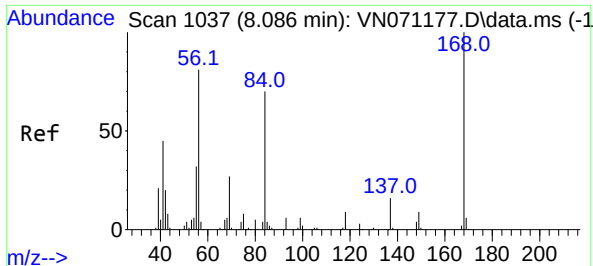
Manual Integrations
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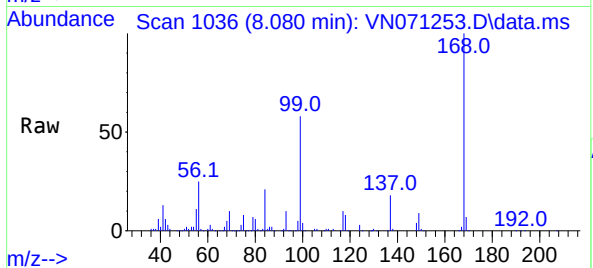
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.080 min Scan# 1037
 Delta R.T. -0.006 min
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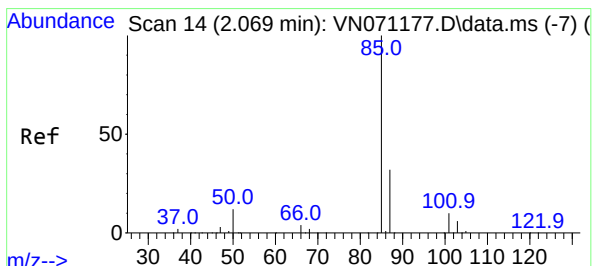
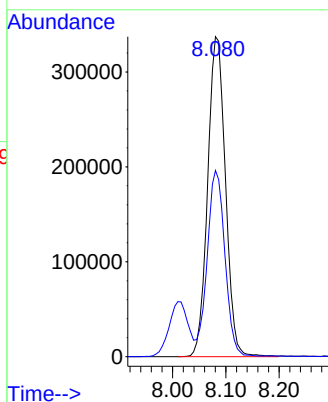
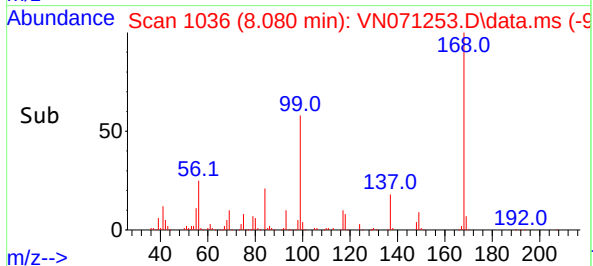
Instrument :
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Tgt Ion:168 Resp: 78270
 Ion Ratio Lower Upper
 168 100
 99 58.0 41.3 61.9

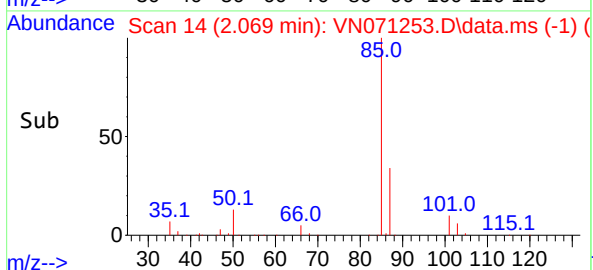
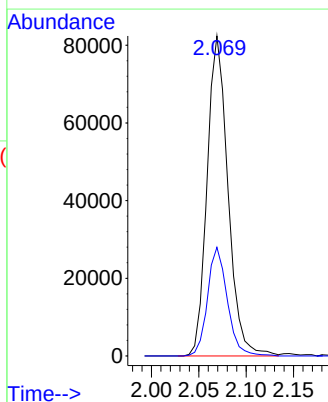
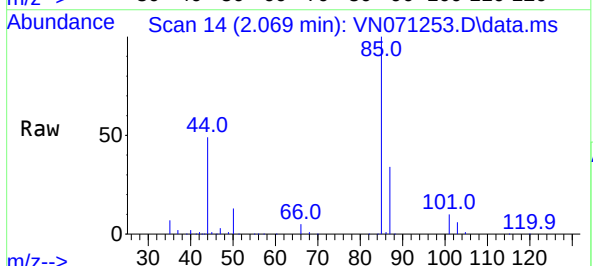
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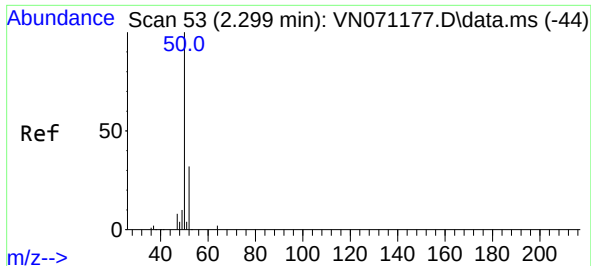
Reviewed By :John Carlone 03/14/2022
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Dichlorodifluoromethane
 Concen: 14.742 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN071253.D
 Acq: 11 Mar 2022 17:22

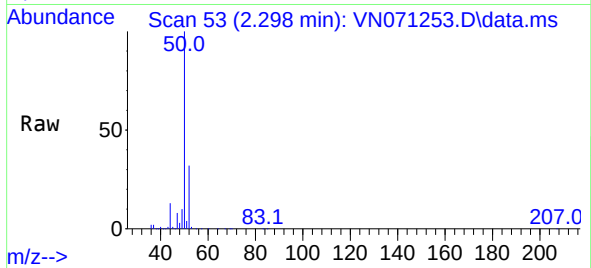
Tgt Ion: 85 Resp: 126461
 Ion Ratio Lower Upper
 85 100
 87 34.0 16.3 48.9





#3
Chloromethane
Concen: 15.699 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

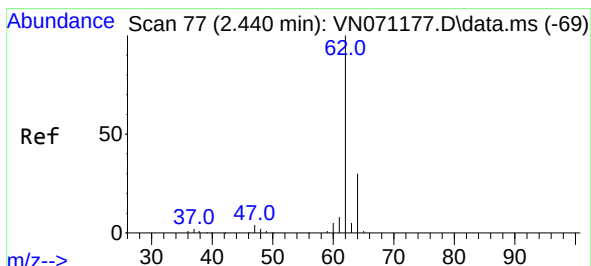
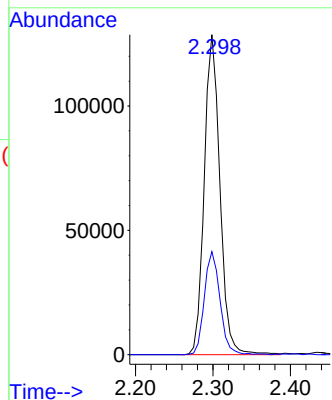
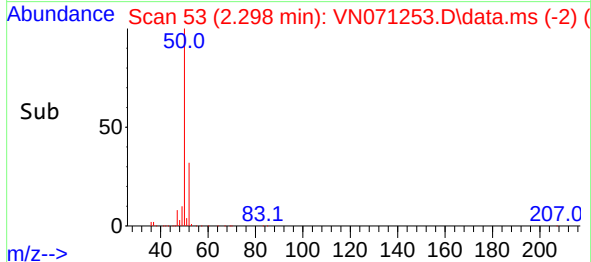
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Tgt Ion: 50 Resp: 18106
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

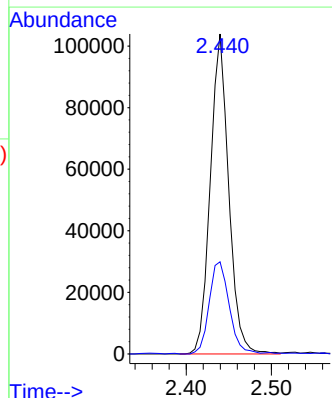
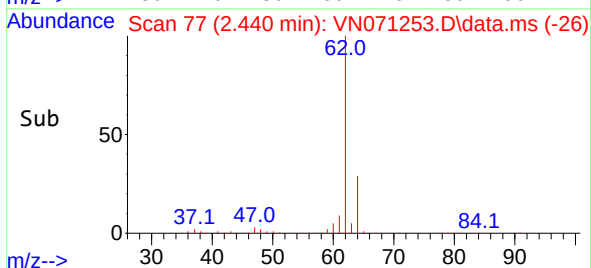
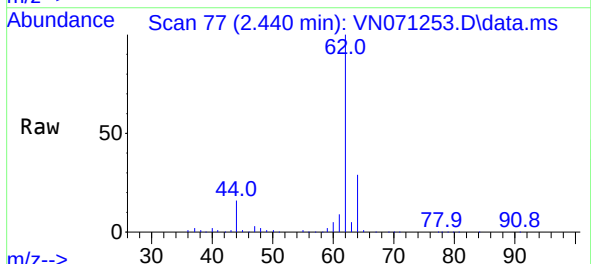
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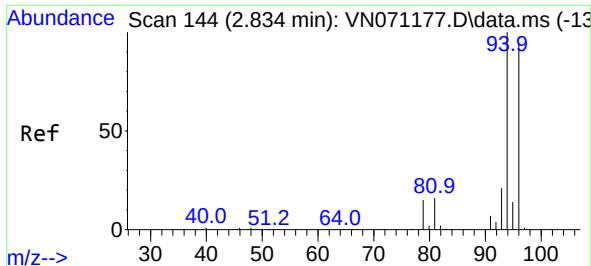
Reviewed By :John Carlone 03/14/2022
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#4
Vinyl Chloride
Concen: 14.821 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

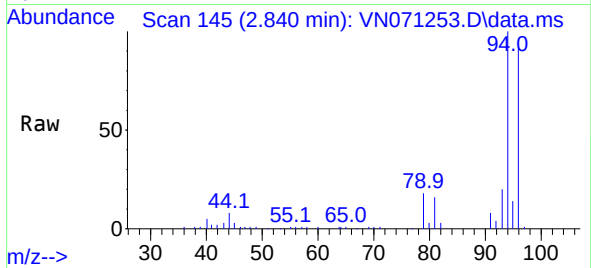
Tgt Ion: 62 Resp: 155809
Ion Ratio Lower Upper
62 100
64 28.8 25.8 38.6





#5
Bromomethane
Concen: 14.920 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

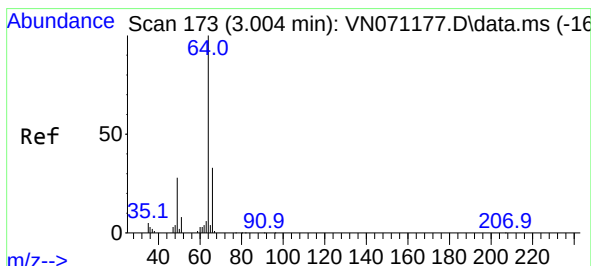
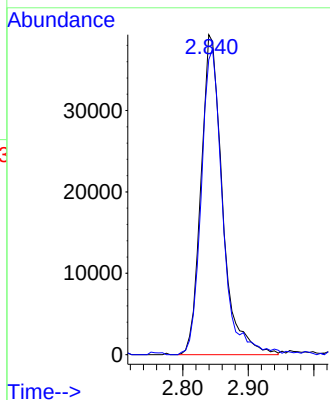
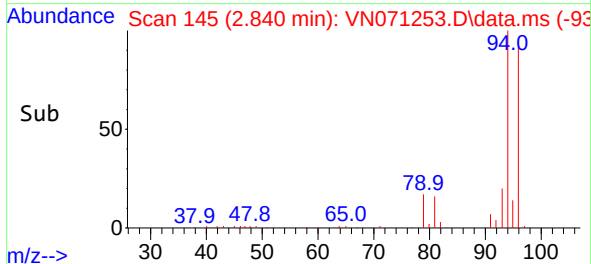
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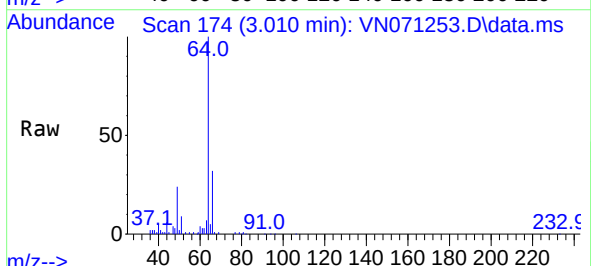
Tgt Ion: 94 Resp: 89720
Ion Ratio Lower Upper
94 100
96 92.2 73.8 110.8

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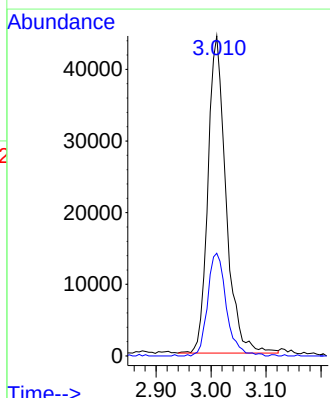
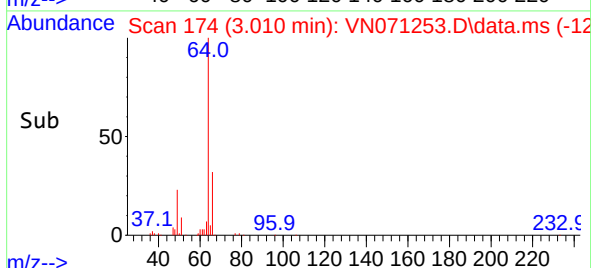
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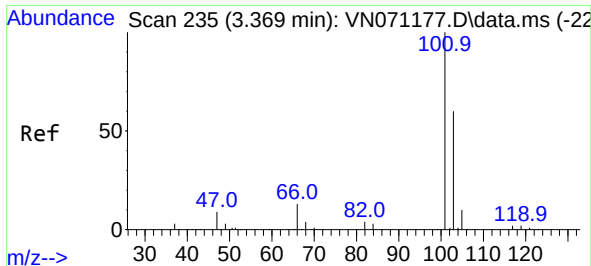


#6
Chloroethane
Concen: 15.834 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071253.D
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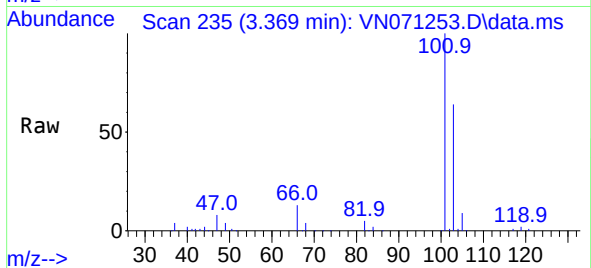
Tgt Ion: 64 Resp: 100808
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 15.447 ug/l
RT: 3.369 min Scan# 21373
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

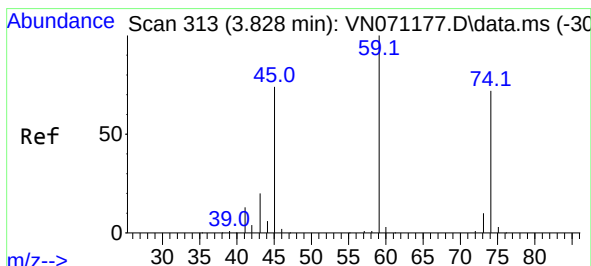
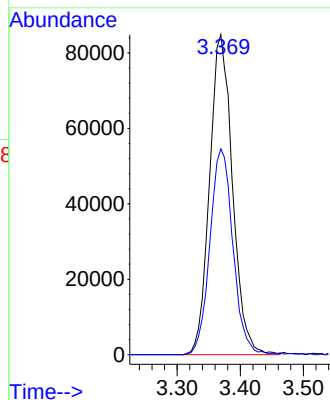
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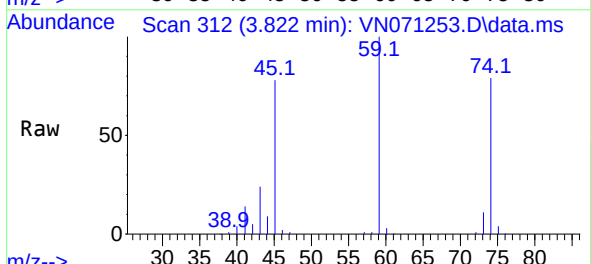
Tgt Ion:101 Resp: 21373
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

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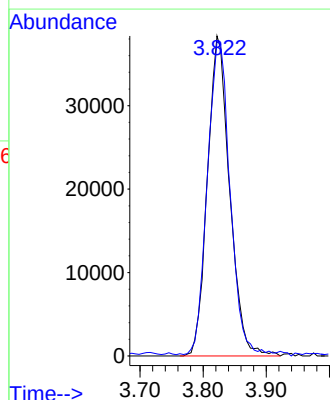
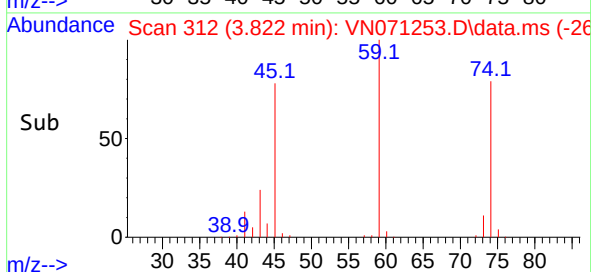
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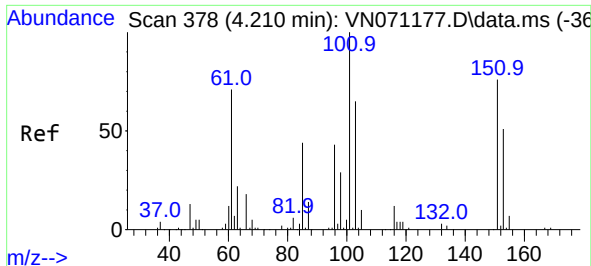


#8
Diethyl Ether
Concen: 15.817 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 93652
Ion Ratio Lower Upper
74 100
45 99.9 47.0 141.2





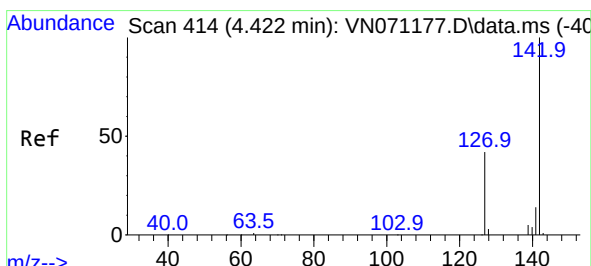
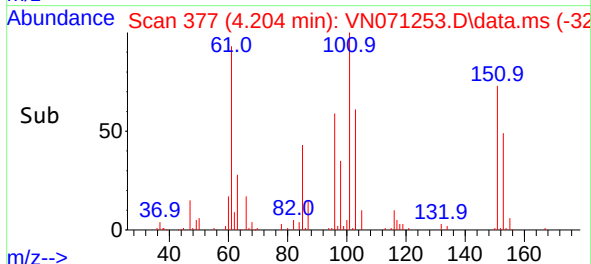
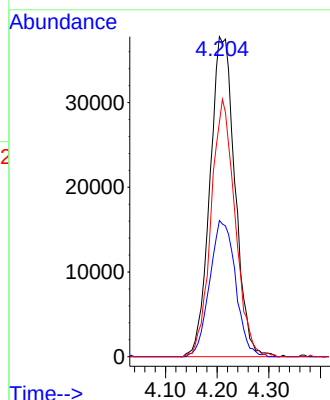
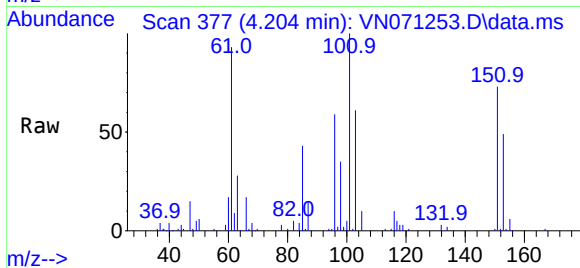
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.833 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071253.D
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MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion:101 Resp: 12682
Ion Ratio Lower Upper
101 100
85 44.0 37.2 55.8
151 77.3 65.9 98.9

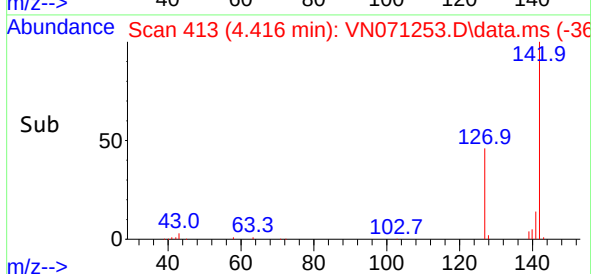
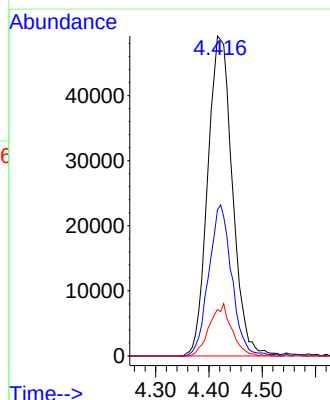
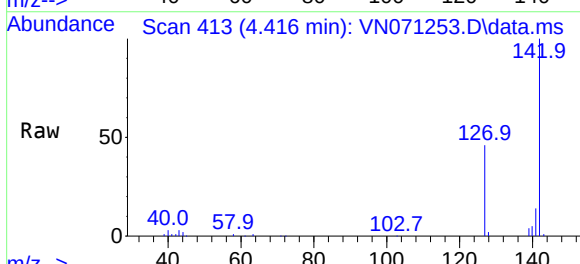
Manual Integrations
APPROVED

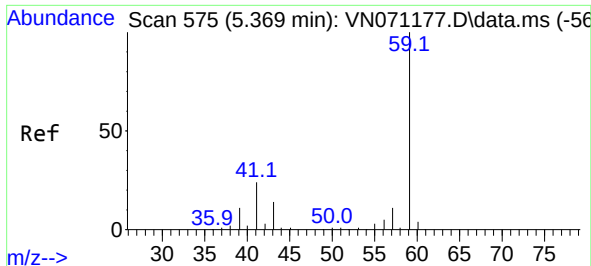
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#10
Methyl Iodide
Concen: 13.969 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Tgt Ion:142 Resp: 158040
Ion Ratio Lower Upper
142 100
127 43.9 35.4 53.0
141 14.6 11.6 17.4





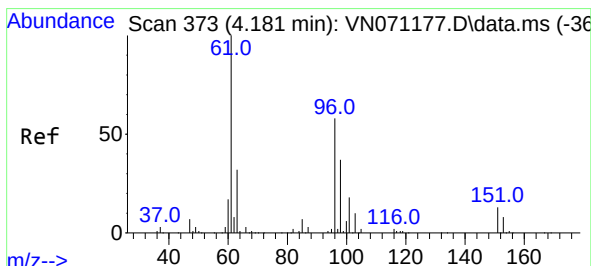
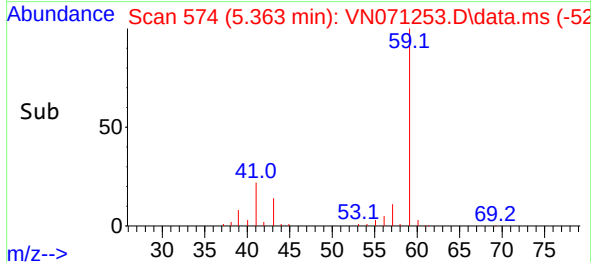
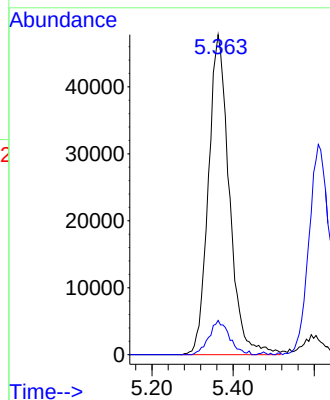
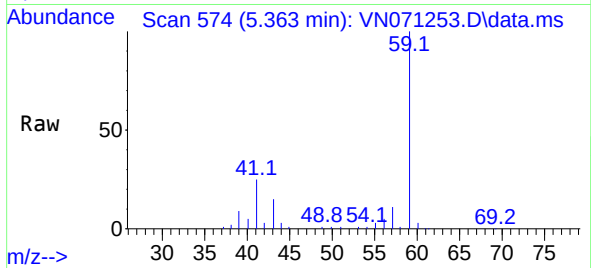
#11
Tert butyl alcohol
Concen: 81.047 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion: 59 Resp: 170791
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

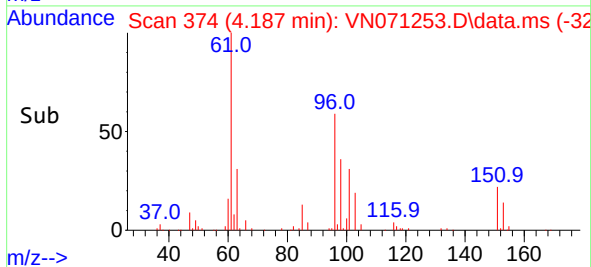
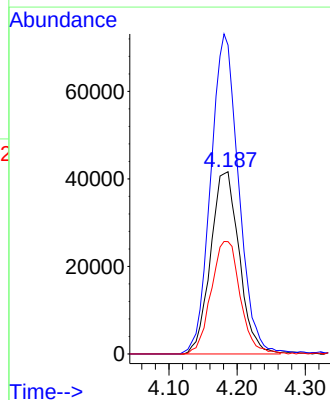
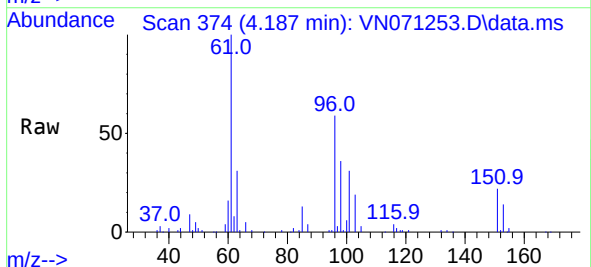
Manual Integrations
APPROVED

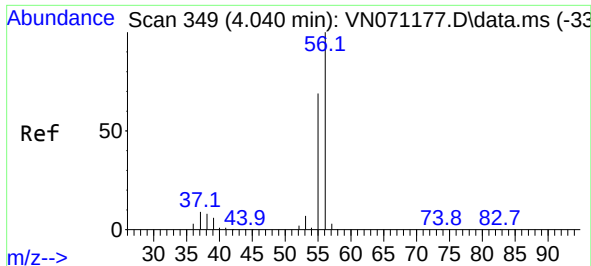
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#12
1,1-Dichloroethene
Concen: 15.469 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

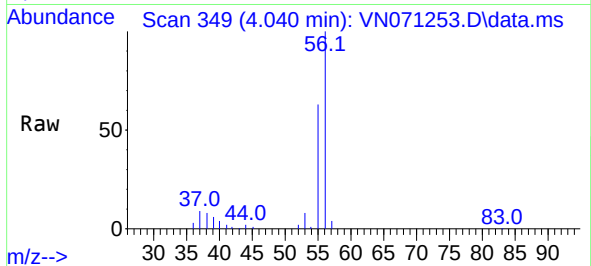
Tgt Ion: 96 Resp: 121383
Ion Ratio Lower Upper
96 100
61 169.5 131.0 196.6
98 61.7 52.4 78.6





#13
Acrolein
Concen: 52.688 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

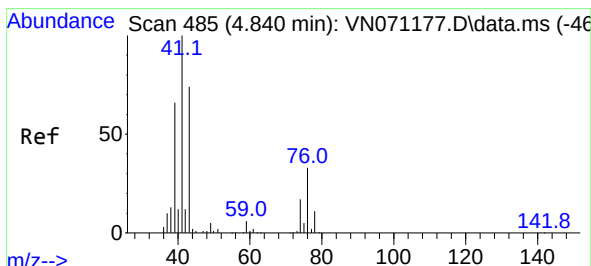
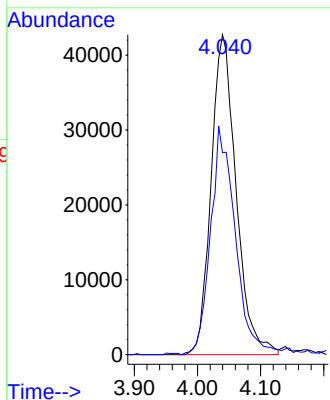
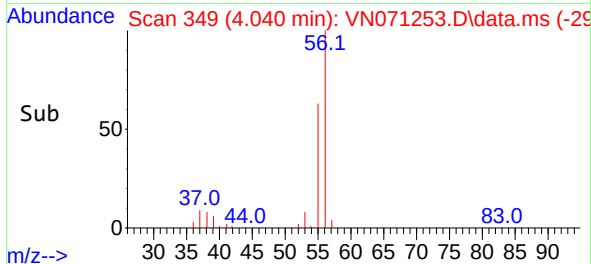
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



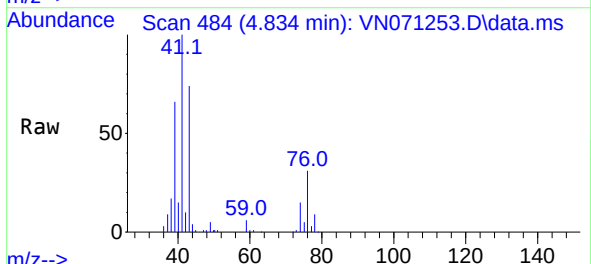
Tgt Ion: 56 Resp: 11752
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

Manual Integrations
APPROVED

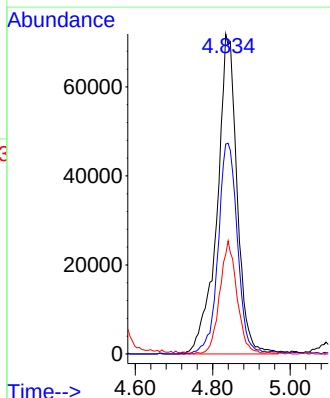
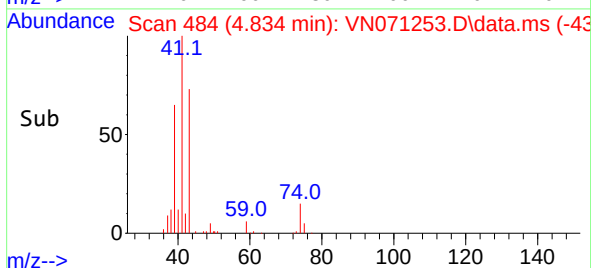
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

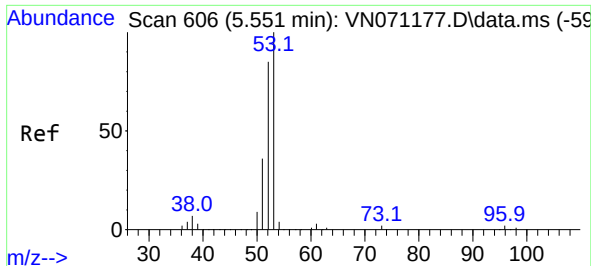


#14
Allyl chloride
Concen: 15.131 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



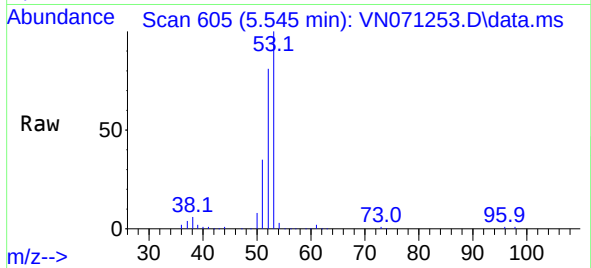
Tgt Ion: 41 Resp: 258233
Ion Ratio Lower Upper
41 100
39 63.3 61.2 91.8
76 30.3 26.0 39.0





#15
Acrylonitrile
Concen: 78.586 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

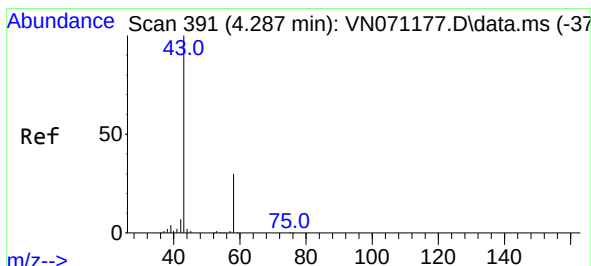
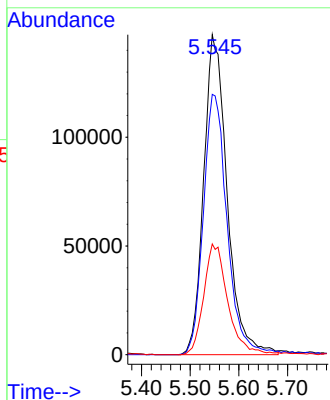
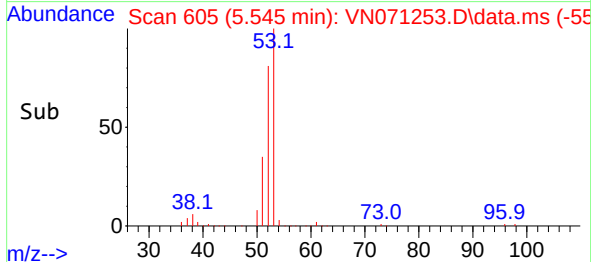
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



Tgt Ion: 53 Resp: 49173
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 35.5 29.6 44.4

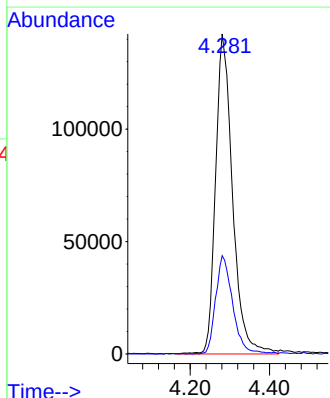
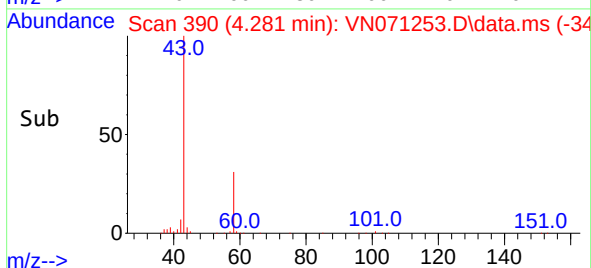
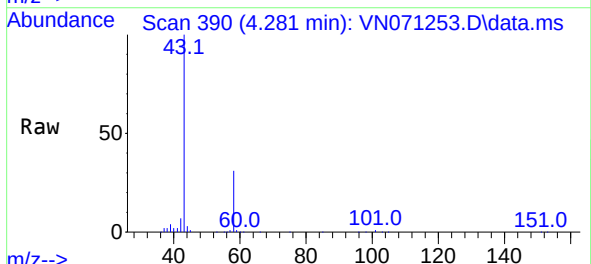
Manual Integrations
APPROVED

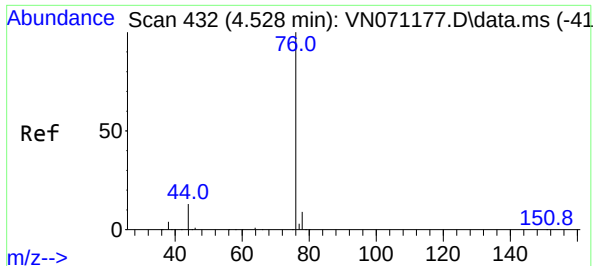
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 81.126 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

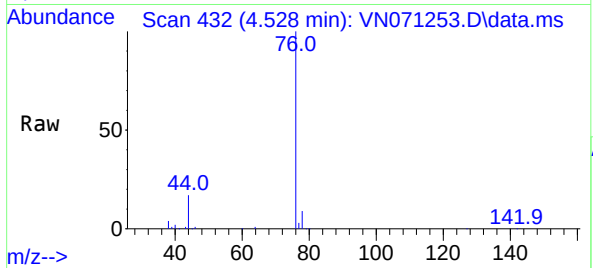
Tgt Ion: 43 Resp: 423443
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7





#17
Carbon Disulfide
Concen: 12.738 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

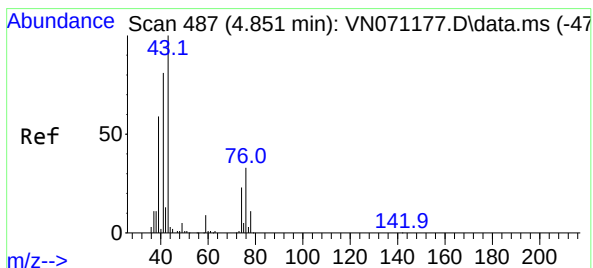
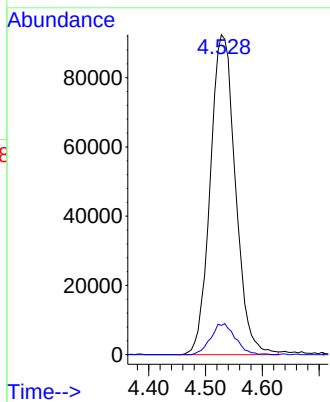
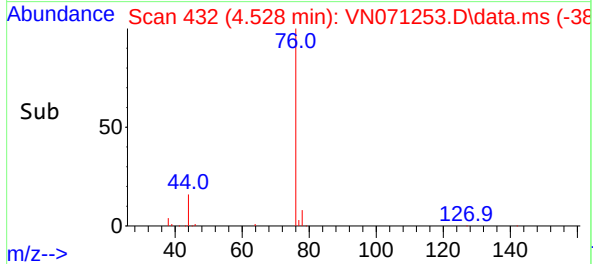
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



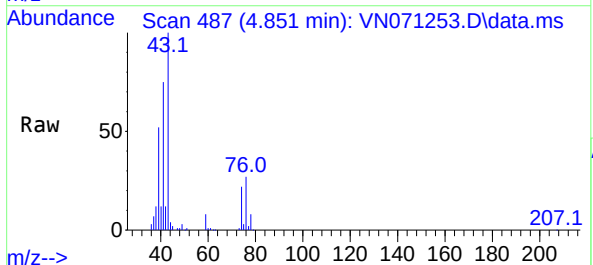
Tgt Ion: 76 Resp: 28456
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
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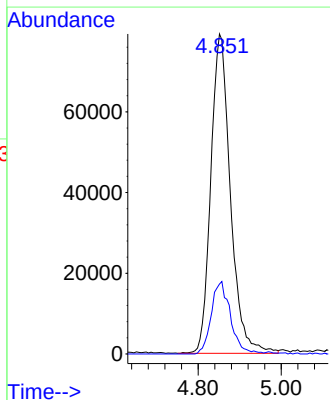
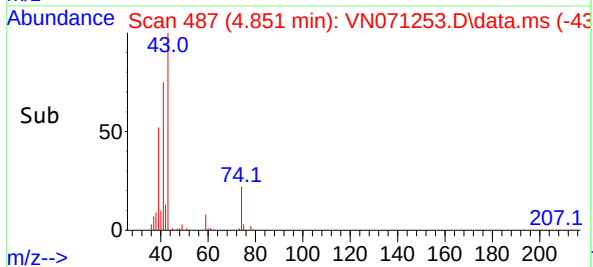
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

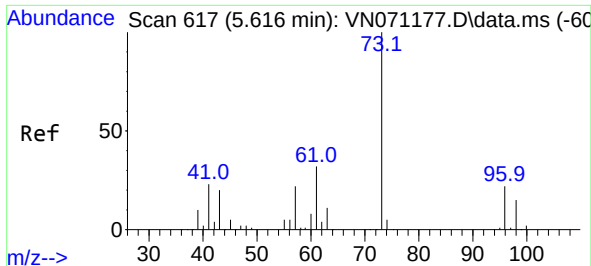


#18
Methyl Acetate
Concen: 18.768 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



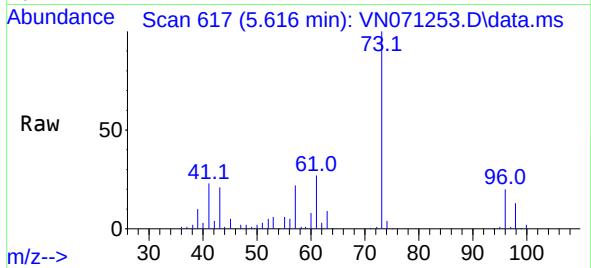
Tgt Ion: 43 Resp: 258937
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 16.529 ug/l
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

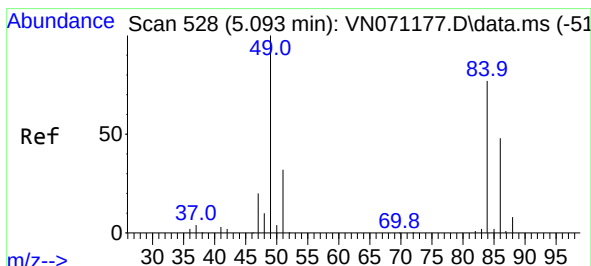
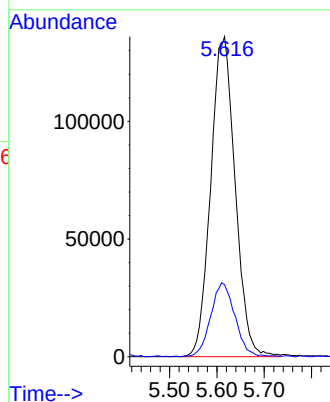
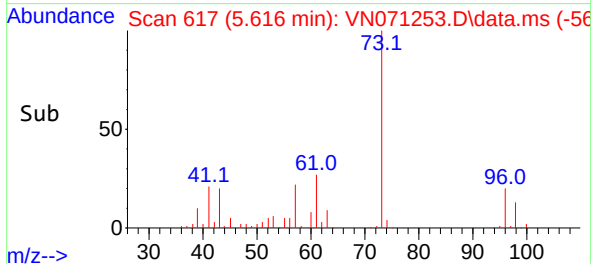
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



Tgt Ion: 73 Resp: 486960
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

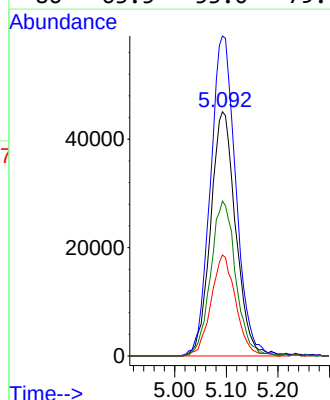
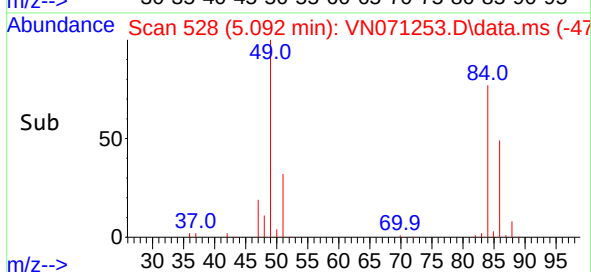
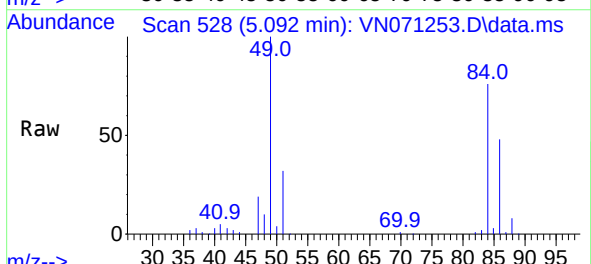
Manual Integrations
APPROVED

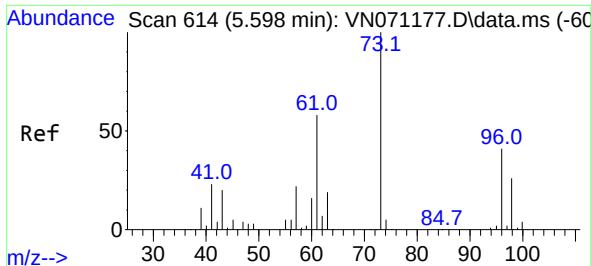
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#20
Methylene Chloride
Concen: 16.178 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

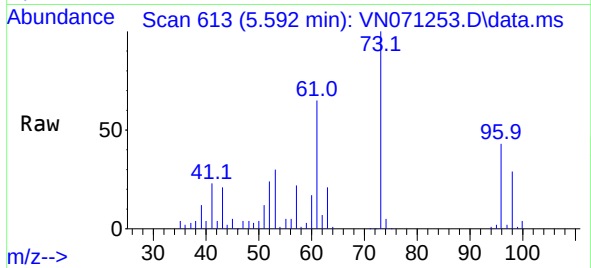
Tgt Ion: 84 Resp: 151853
Ion Ratio Lower Upper
84 100
49 131.1 93.5 140.3
51 41.3 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 15.270 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

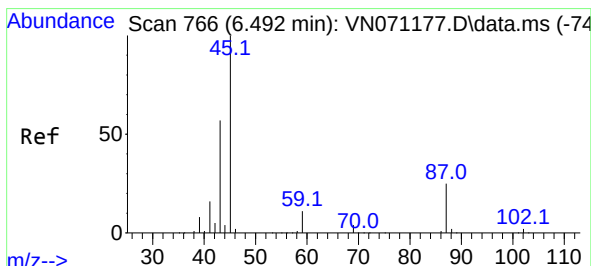
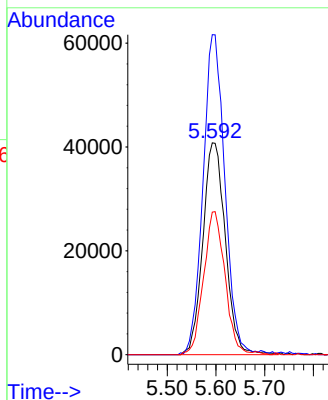
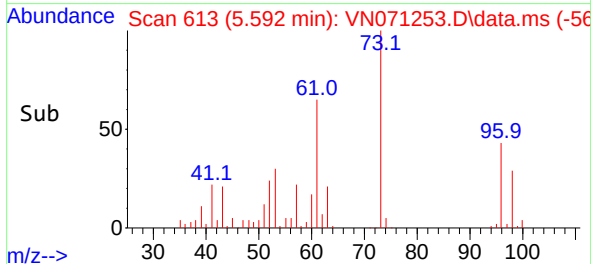
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



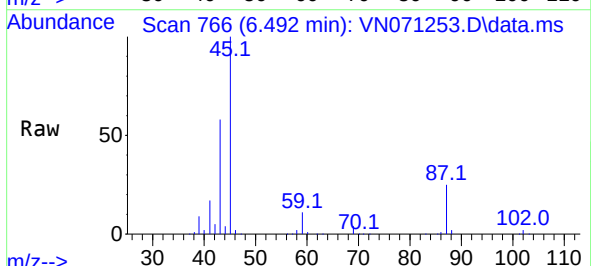
Tgt Ion: 96 Resp: 131063
Ion Ratio Lower Upper
96 100
61 151.1 105.8 158.6
98 67.3 52.0 78.0

Manual Integrations
APPROVED

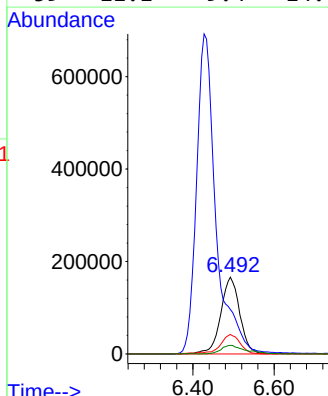
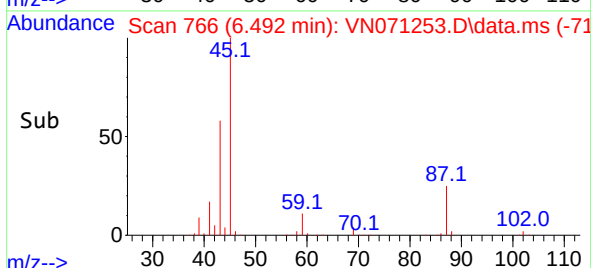
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

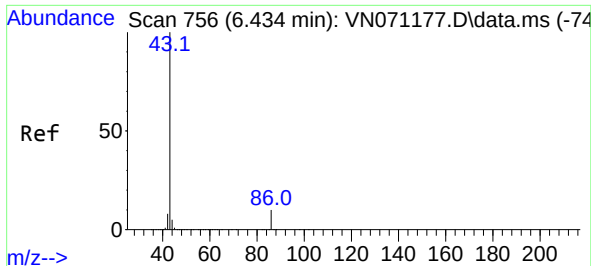


#22
Diisopropyl ether
Concen: 16.172 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion: 45 Resp: 543773
Ion Ratio Lower Upper
45 100
43 57.2 51.7 77.5
87 25.2 23.2 34.8
59 11.1 9.4 14.0





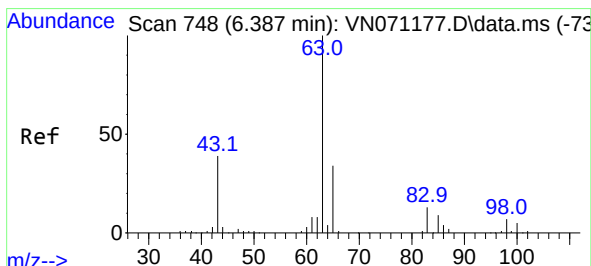
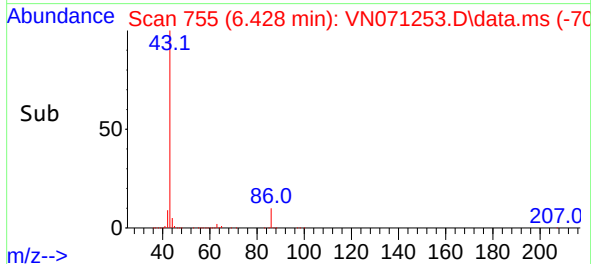
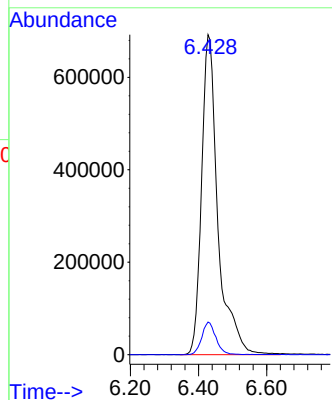
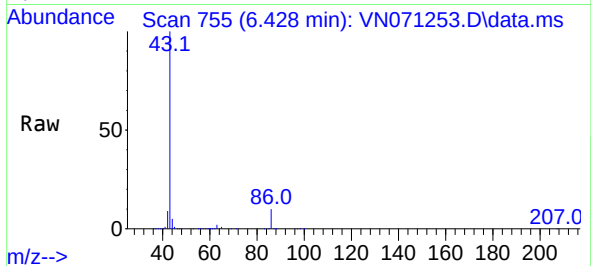
#23
 Vinyl Acetate
 Concen: 81.001 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071253.D
 Acq: 11 Mar 2022 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS03

Tgt Ion: 43 Resp: 230568
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

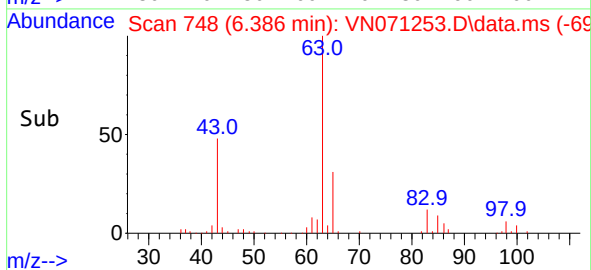
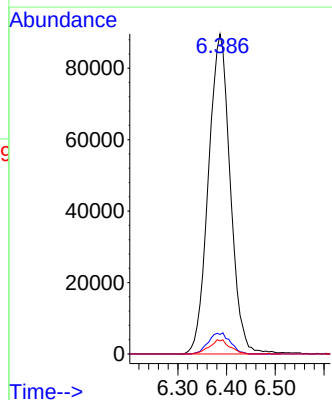
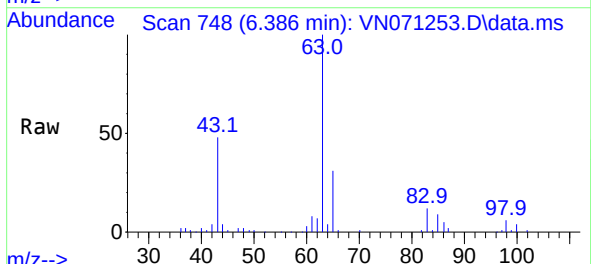
Manual Integrations
 APPROVED

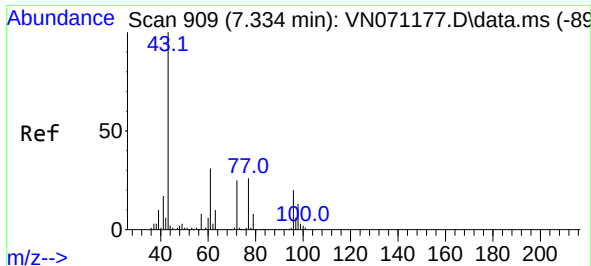
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#24
 1,1-Dichloroethane
 Concen: 15.704 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071253.D
 Acq: 11 Mar 2022 17:22

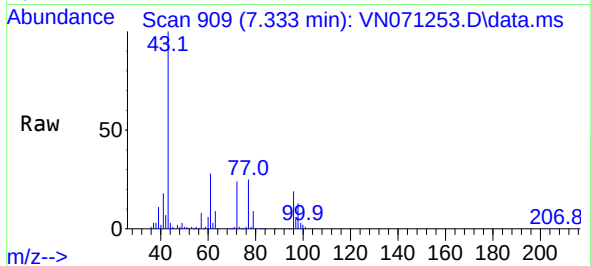
Tgt Ion: 63 Resp: 279021
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 82.126 ug/l
RT: 7.333 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

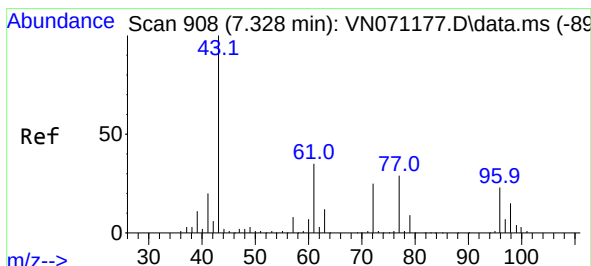
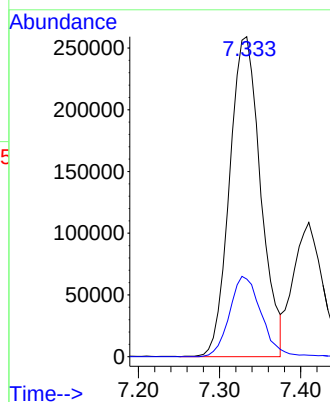
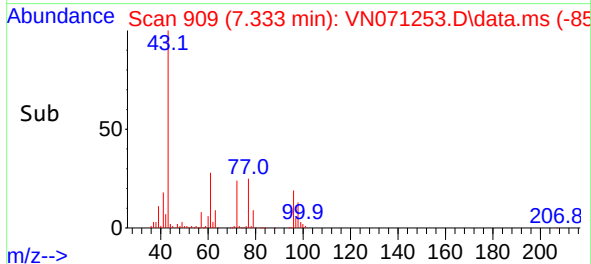
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



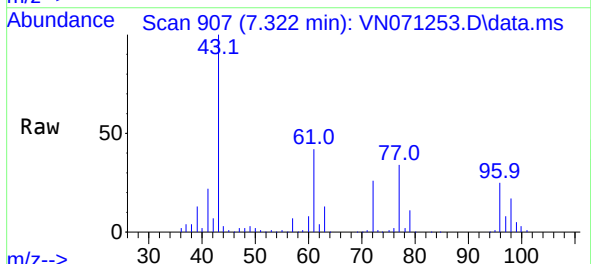
Tgt Ion: 43 Resp: 690520
Ion Ratio Lower Upper
43 100
72 24.3 21.7 32.5

Manual Integrations
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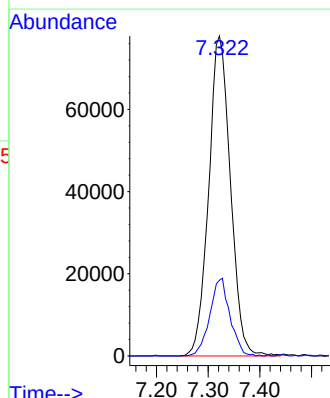
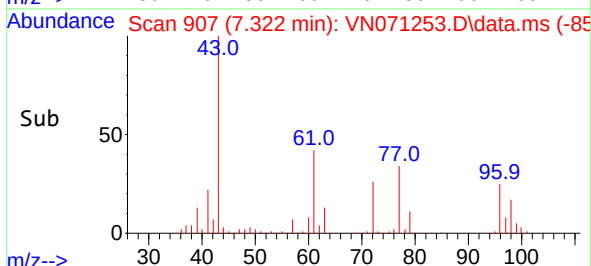
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

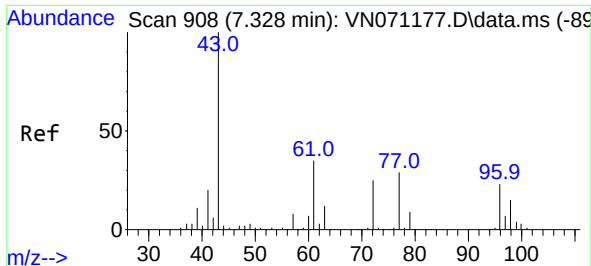


#26
2,2-Dichloropropane
Concen: 16.601 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion: 77 Resp: 227542
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 15.568 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS03

Tgt Ion: 96 Resp: 15859

Ion Ratio Lower Upper

96 100

61 153.7 0.0 275.0

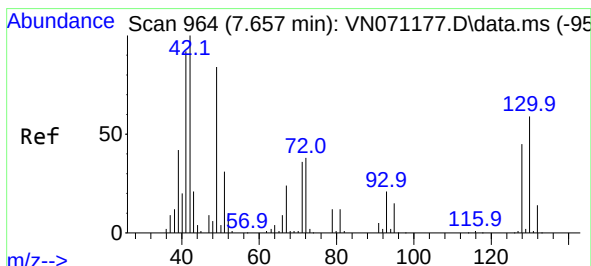
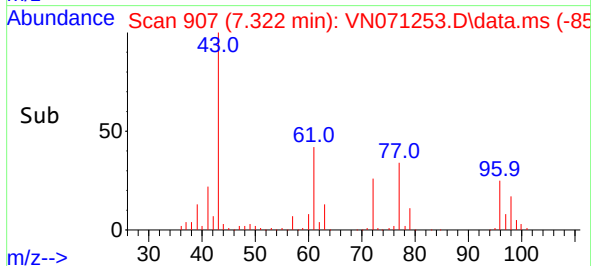
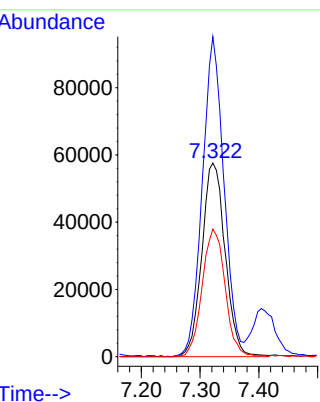
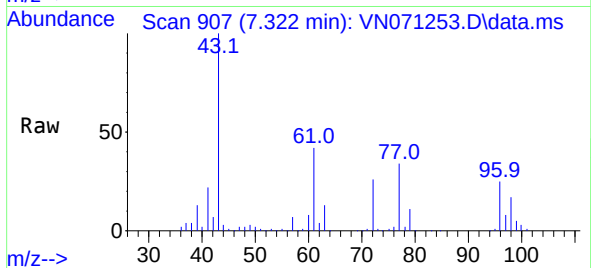
98 64.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#28

Bromochloromethane

Concen: 17.779 ug/l

RT: 7.657 min Scan# 964

Delta R.T. -0.000 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

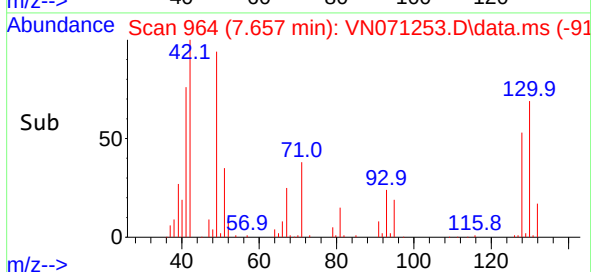
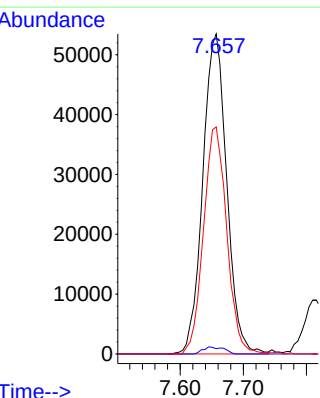
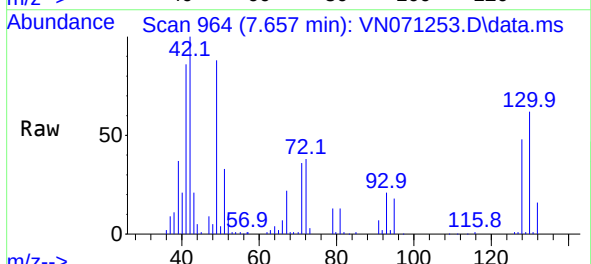
Tgt Ion: 49 Resp: 140666

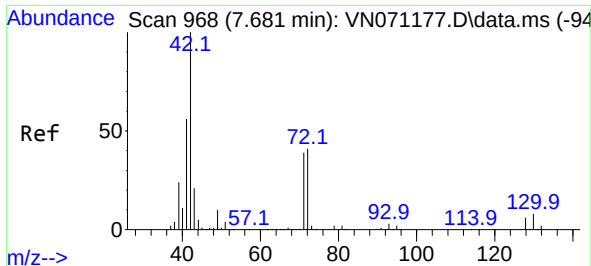
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 68.9 67.8 101.8





#29

Tetrahydrofuran

Concen: 82.051 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS03

Tgt Ion: 42 Resp: 47794

Ion Ratio Lower Upper

42 100

72 40.9 36.3 54.5

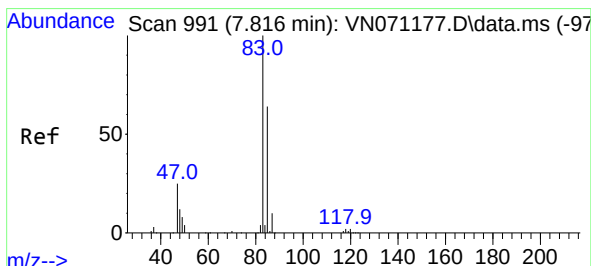
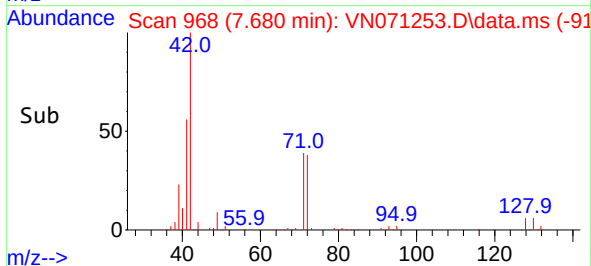
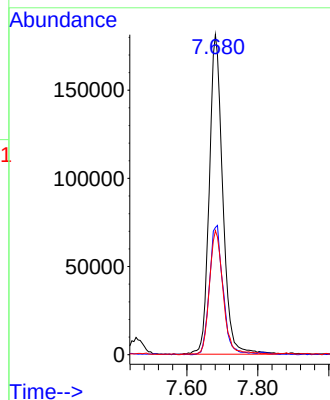
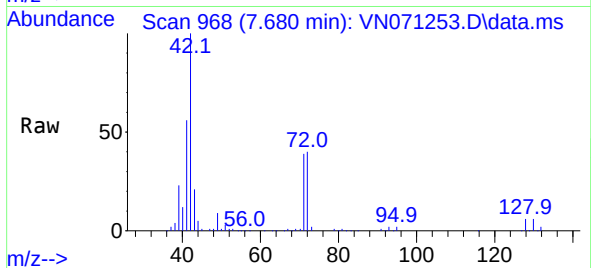
71 40.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#30

Chloroform

Concen: 15.935 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN071253.D

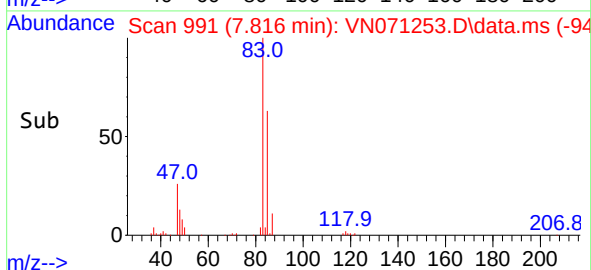
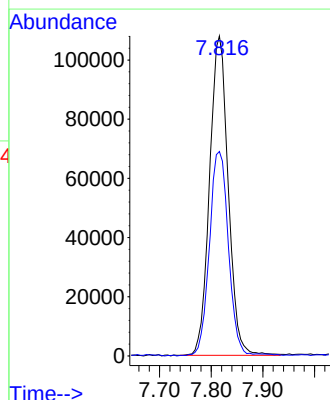
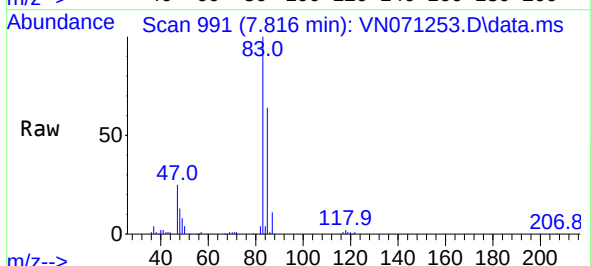
Acq: 11 Mar 2022 17:22

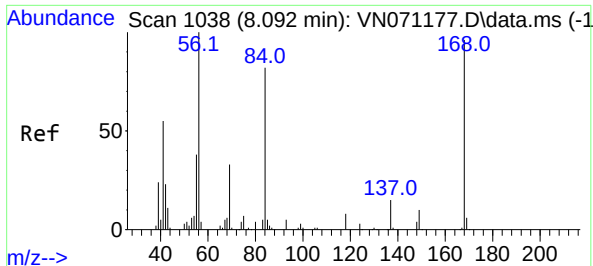
Tgt Ion: 83 Resp: 270027

Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9





#31

Cyclohexane

Concen: 15.699 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS03

Tgt Ion: 56 Resp: 26894

Ion Ratio Lower Upper

56 100

69 37.0 27.1 40.7

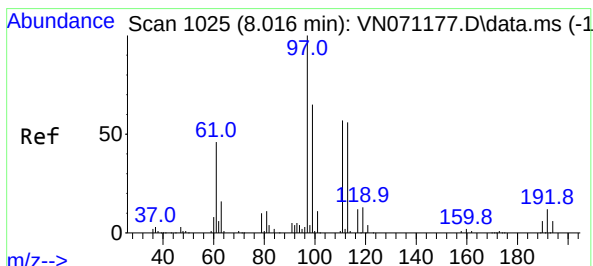
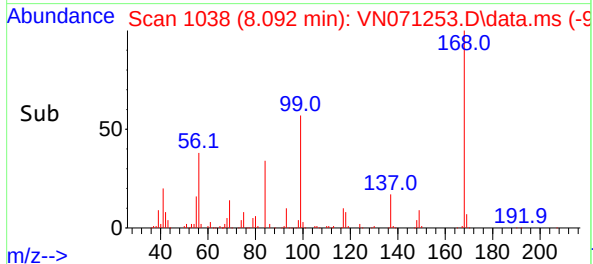
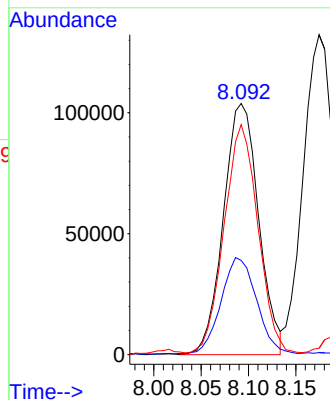
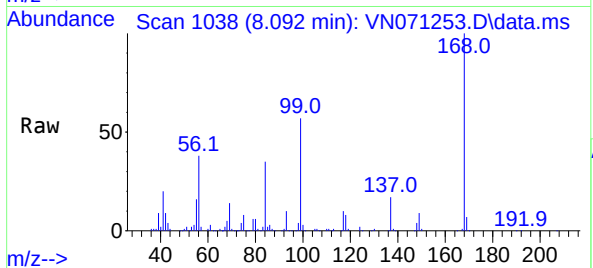
84 90.5 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#32

1,1,1-Trichloroethane

Concen: 16.013 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

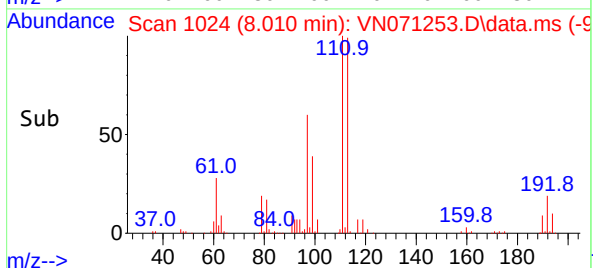
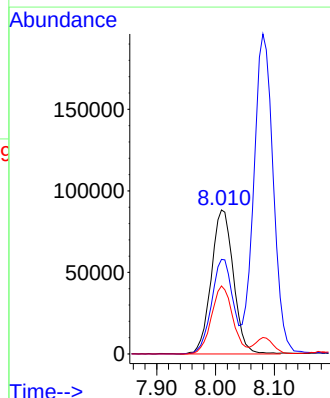
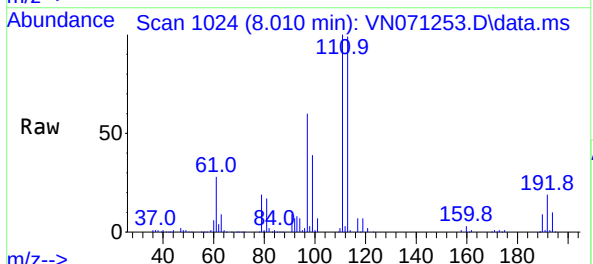
Tgt Ion: 97 Resp: 231136

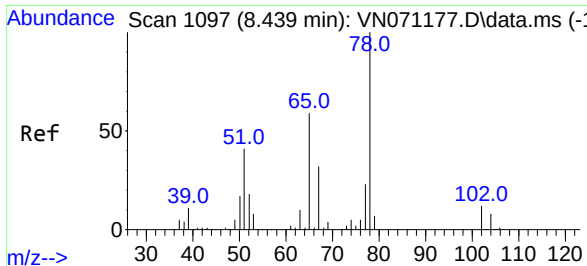
Ion Ratio Lower Upper

97 100

99 62.5 50.1 75.1

61 45.8 35.2 52.8





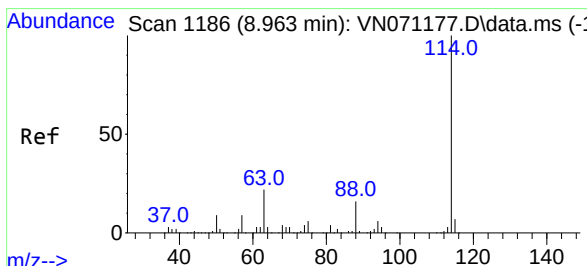
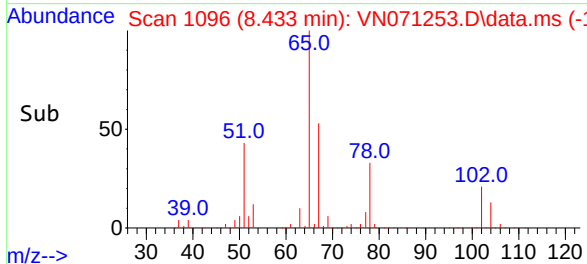
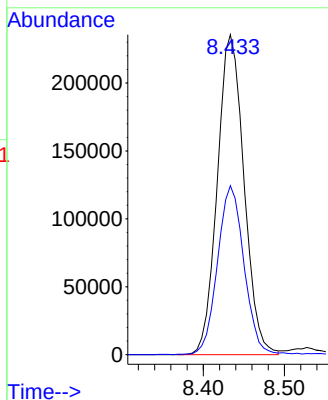
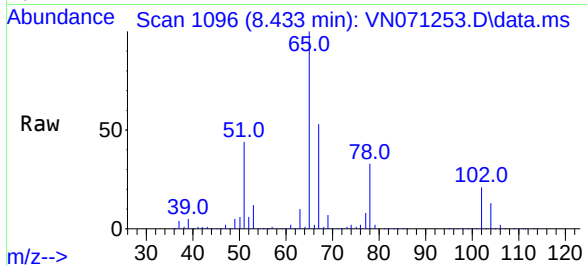
#33
1,2-Dichloroethane-d4
Concen: 50.123 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion: 65 Resp: 53768
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

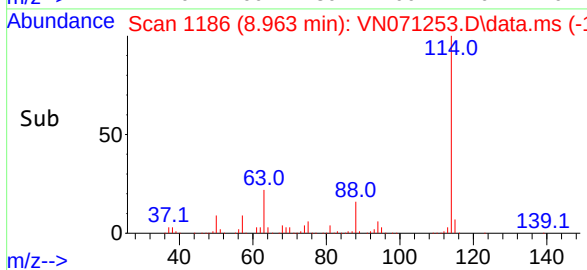
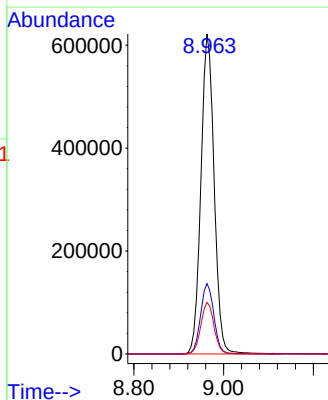
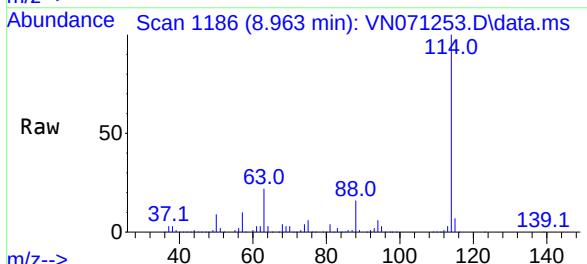
Manual Integrations
APPROVED

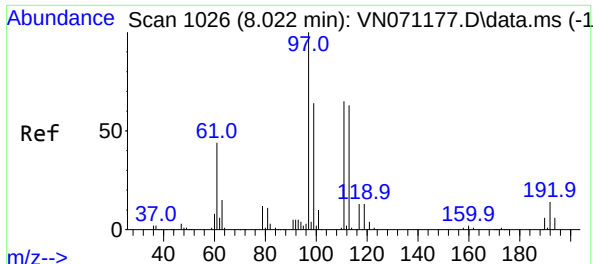
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

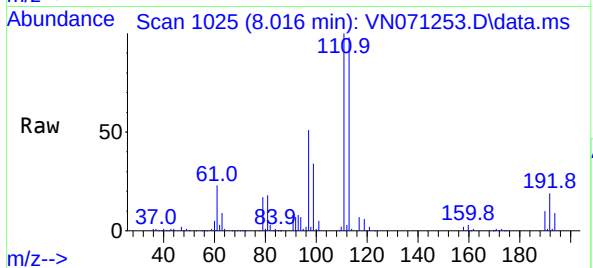
Tgt Ion:114 Resp: 1270795
Ion Ratio Lower Upper
114 100
63 22.0 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.609 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

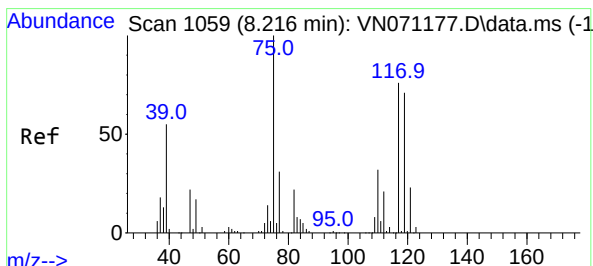
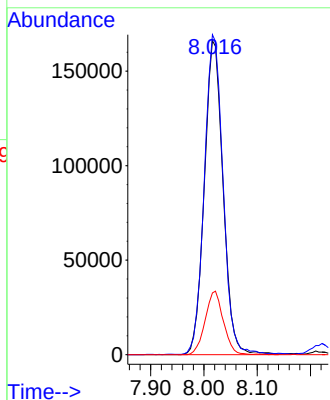
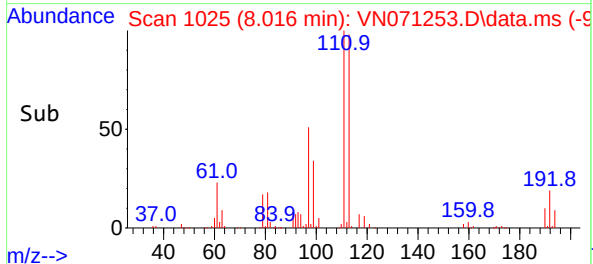
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



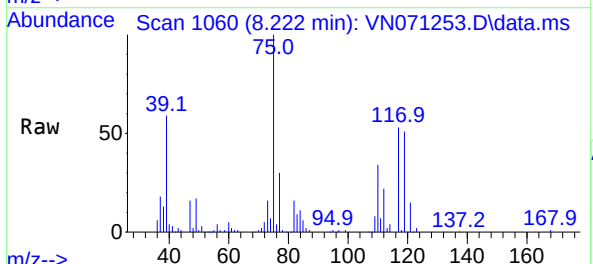
Tgt Ion: 113 Resp: 405839
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 19.6 16.9 25.3

Manual Integrations
APPROVED

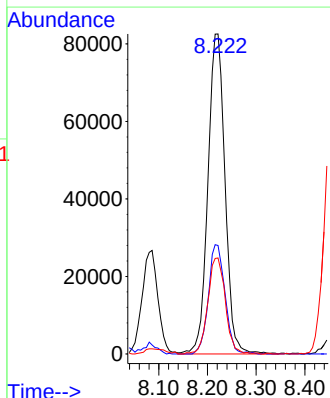
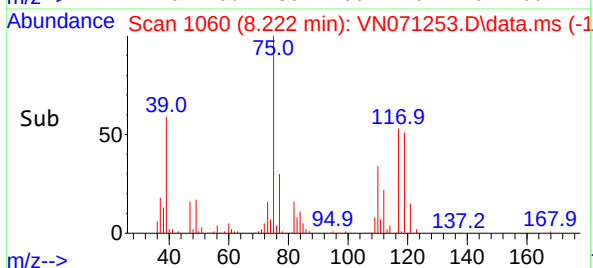
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

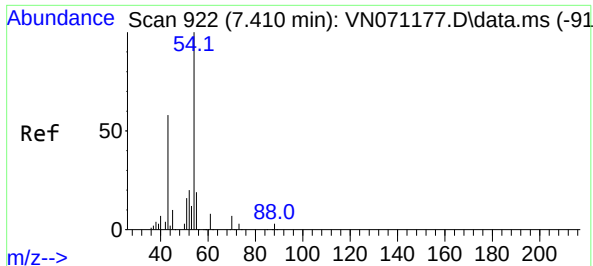


#36
1,1-Dichloropropene
Concen: 15.640 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



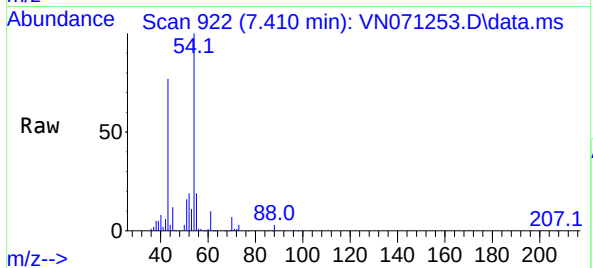
Tgt Ion: 75 Resp: 200947
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 16.161 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

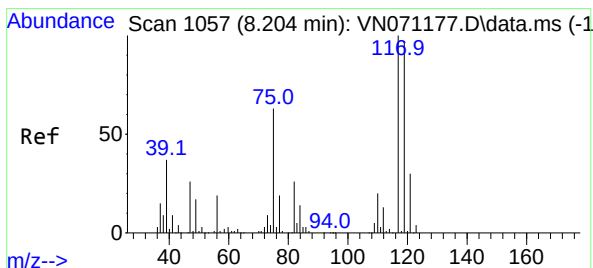
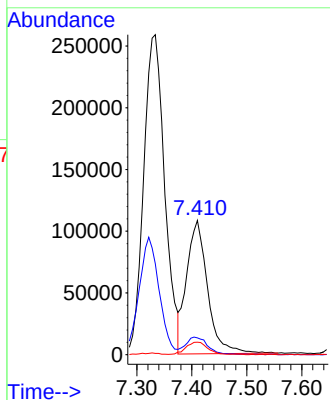
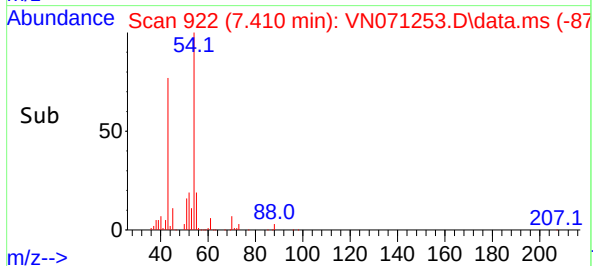
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



Tgt Ion: 43 Resp: 285768
Ion Ratio Lower Upper
43 100
61 13.4 11.5 17.3
70 9.4 7.9 11.9

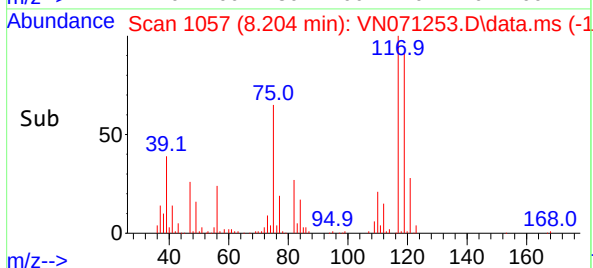
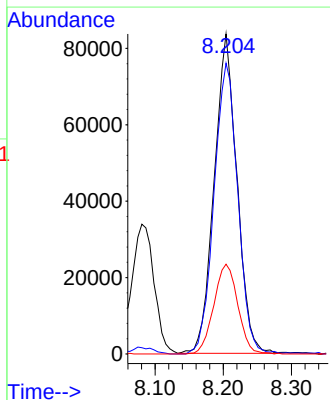
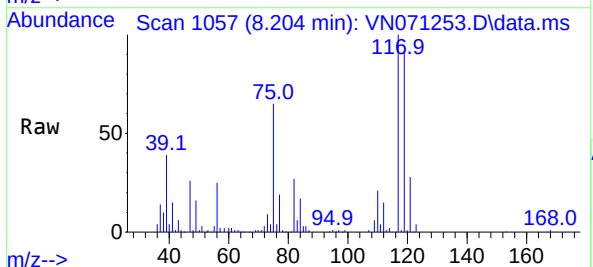
Manual Integrations
APPROVED

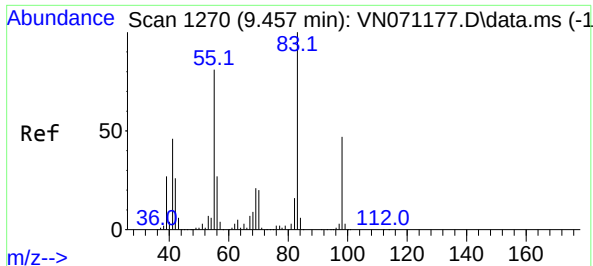
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#38
Carbon Tetrachloride
Concen: 15.617 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Tgt Ion:117 Resp: 194090
Ion Ratio Lower Upper
117 100
119 91.0 76.1 114.1
121 28.1 24.2 36.2





#39

Methylcyclohexane

Concen: 16.216 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS03

Tgt Ion: 83 Resp: 245102

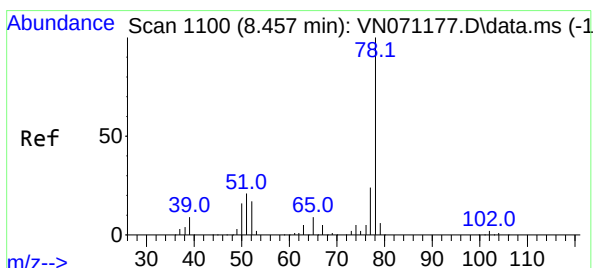
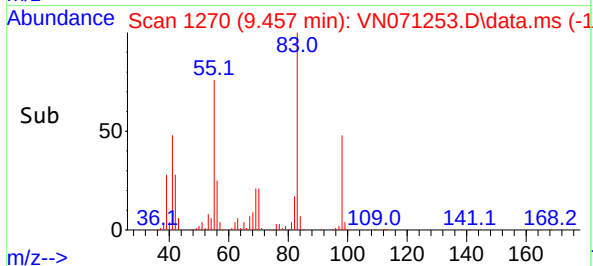
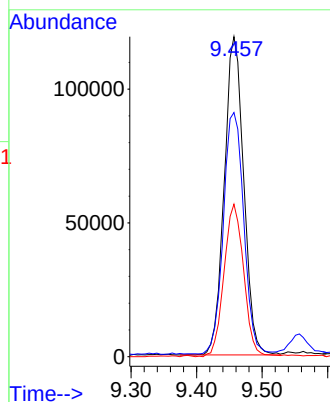
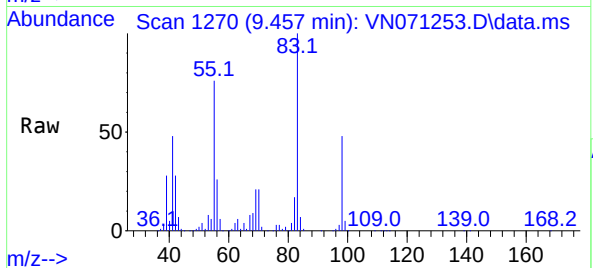
Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.1	87.1
98	47.9	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#40

Benzene

Concen: 16.039 ug/l

RT: 8.457 min Scan# 1100

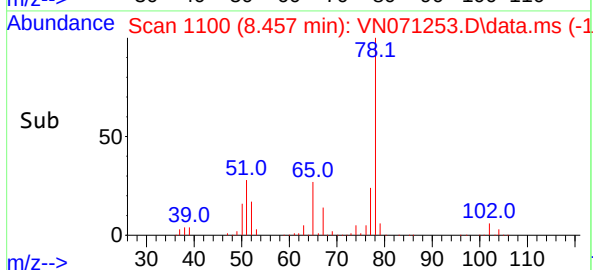
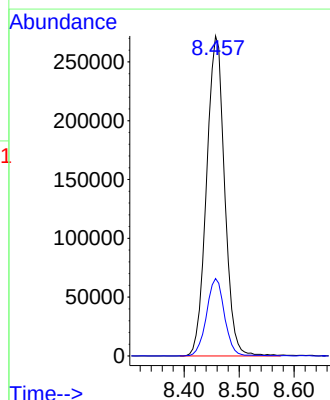
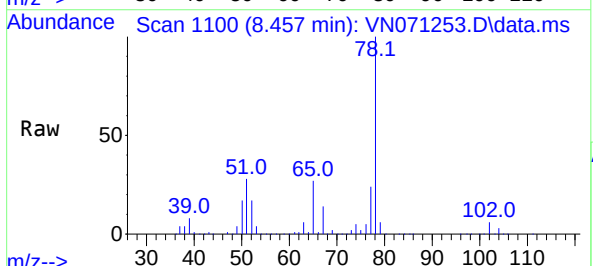
Delta R.T. -0.000 min

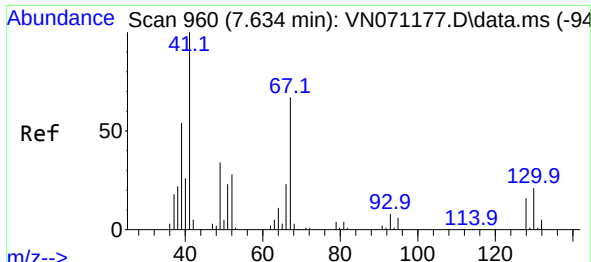
Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

Tgt Ion: 78 Resp: 620874

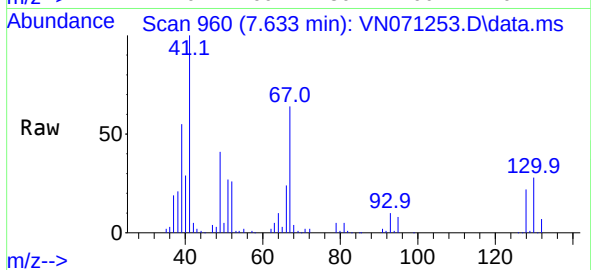
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8





#41
Methacrylonitrile
Concen: 16.649 ug/l
RT: 7.633 min Scan# 960
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

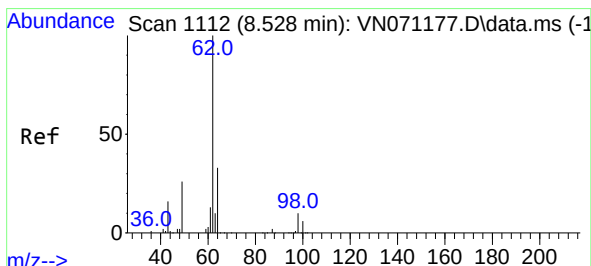
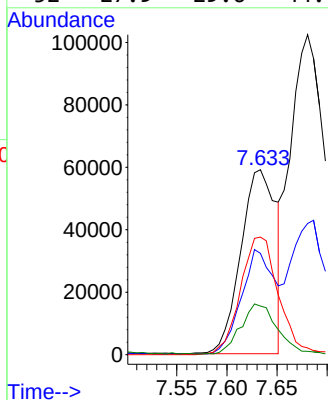
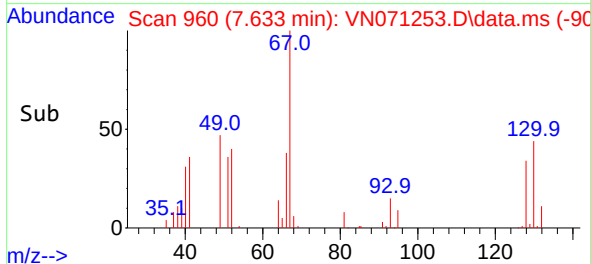
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



Tgt Ion: 41 Resp: 144072
Ion Ratio Lower Upper
41 100
39 52.4 48.1 72.1
67 69.9 68.3 102.5
52 27.9 29.6 44.4#

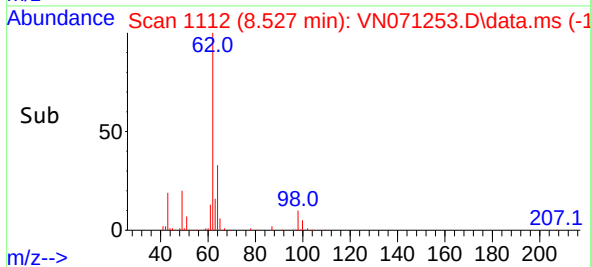
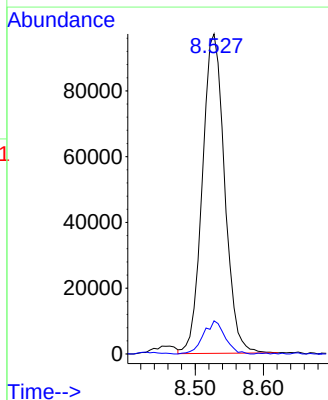
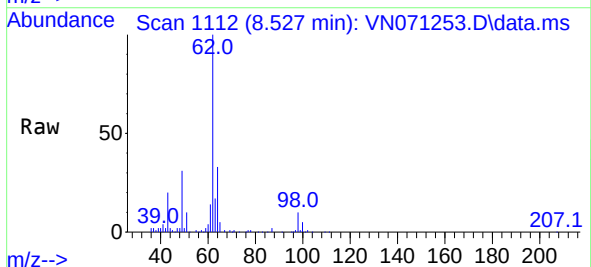
Manual Integrations
APPROVED

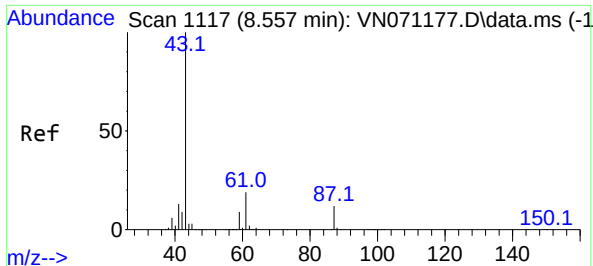
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#42
1,2-Dichloroethane
Concen: 16.384 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

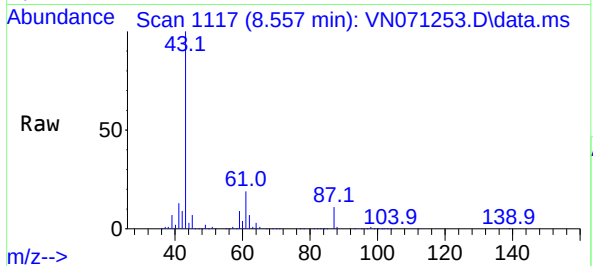
Tgt Ion: 62 Resp: 220708
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.873 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

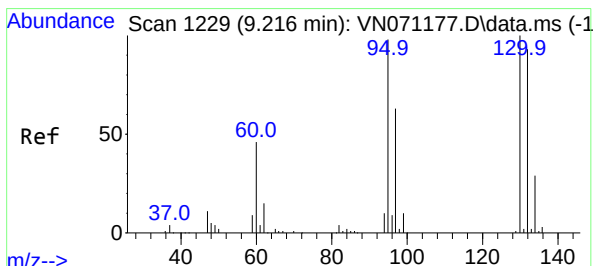
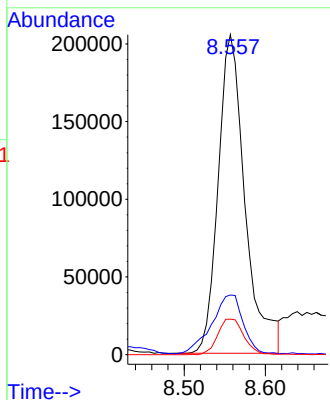
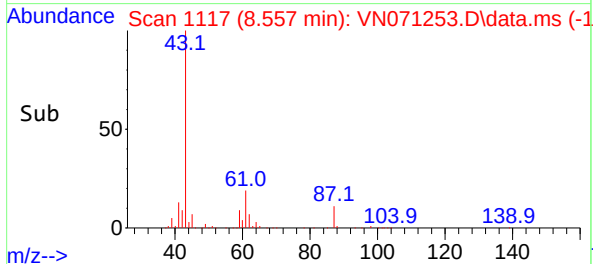
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



Tgt Ion: 43 Resp: 472614
Ion Ratio Lower Upper
43 100
61 21.8 20.4 30.6
87 10.9 11.2 16.8

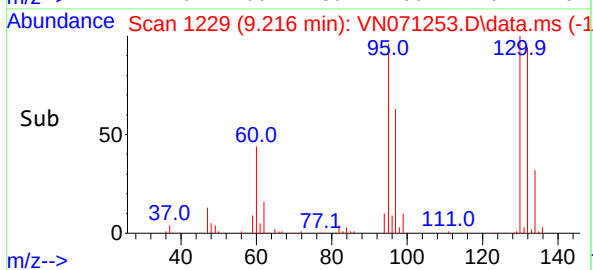
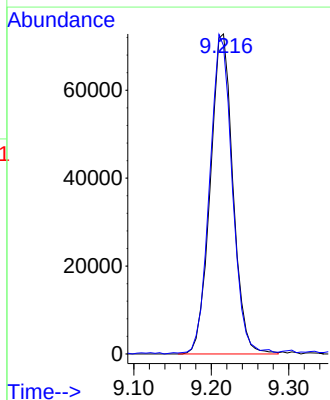
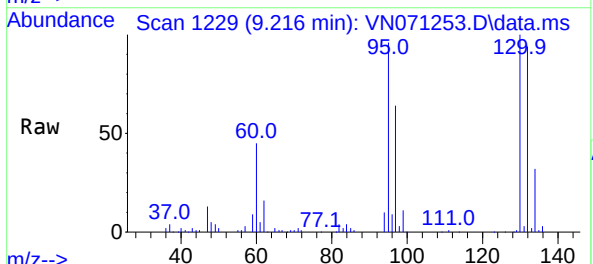
Manual Integrations
APPROVED

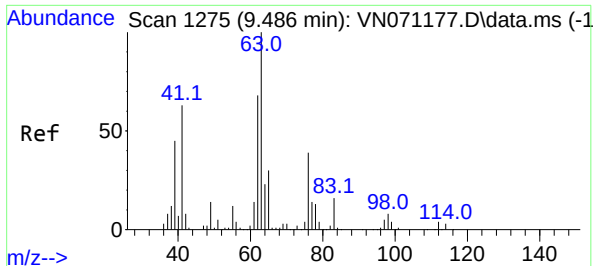
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#44
Trichloroethene
Concen: 16.177 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Tgt Ion:130 Resp: 147762
Ion Ratio Lower Upper
130 100
95 96.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 16.054 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS03

Tgt Ion: 63 Resp: 166830

Ion Ratio Lower Upper

63 100

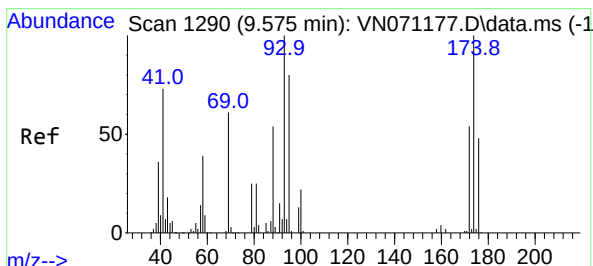
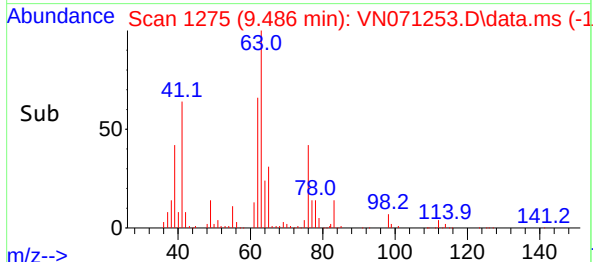
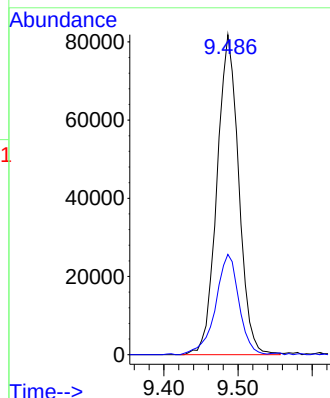
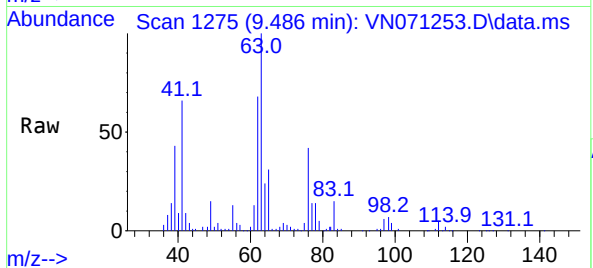
65 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#46

Dibromomethane

Concen: 15.881 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

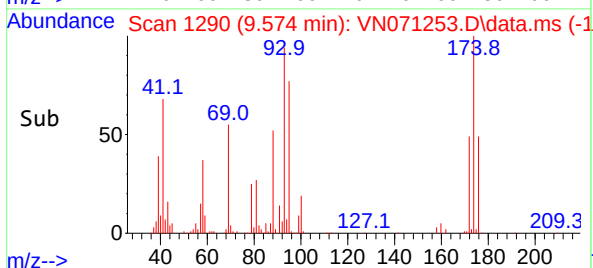
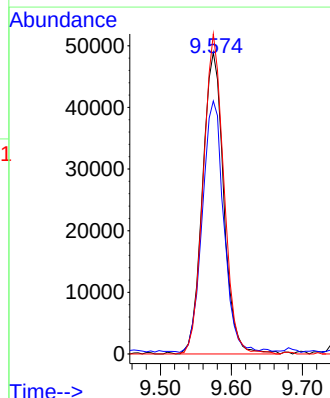
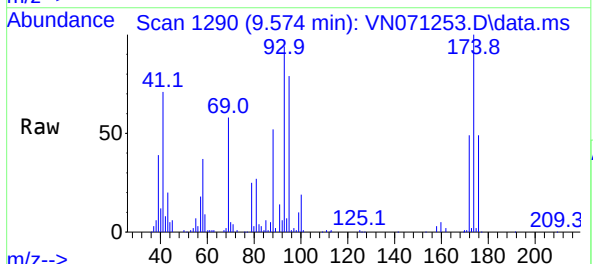
Tgt Ion: 93 Resp: 101578

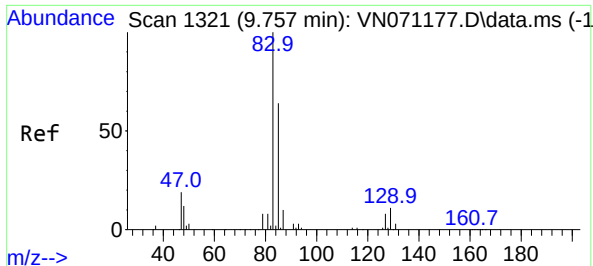
Ion Ratio Lower Upper

93 100

95 84.1 65.9 98.9

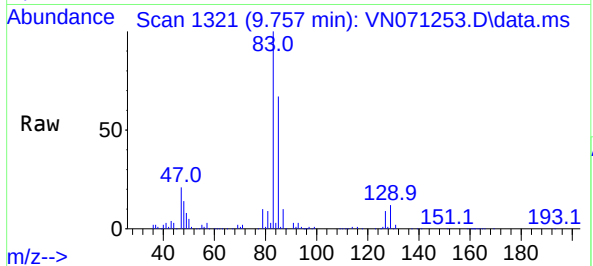
174 103.1 84.6 127.0





#47
Bromodichloromethane
Concen: 15.838 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

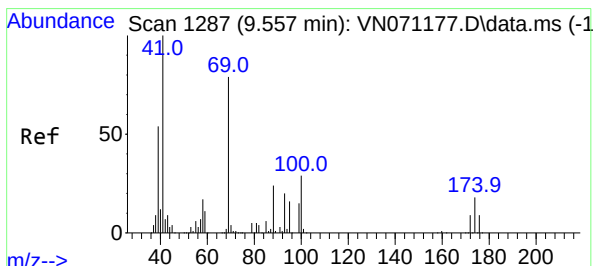
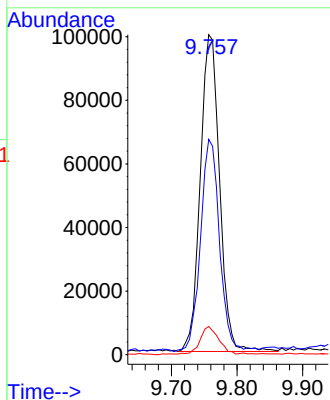
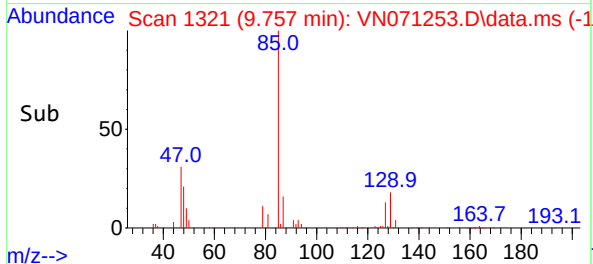
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



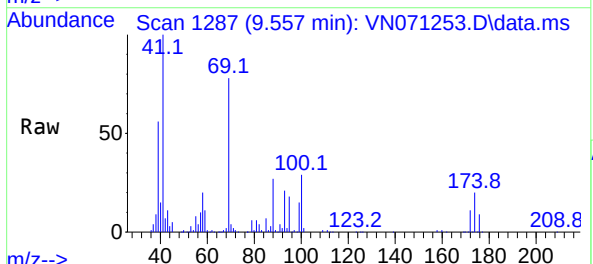
Tgt Ion: 83 Resp: 204710
Ion Ratio Lower Upper
83 100
85 66.5 50.9 76.3
127 8.7 7.1 10.7

Manual Integrations
APPROVED

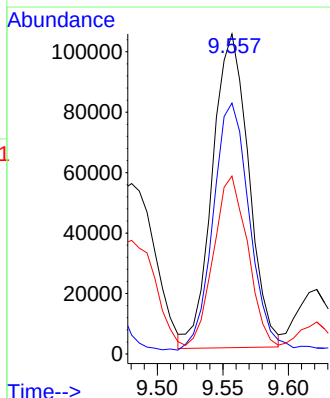
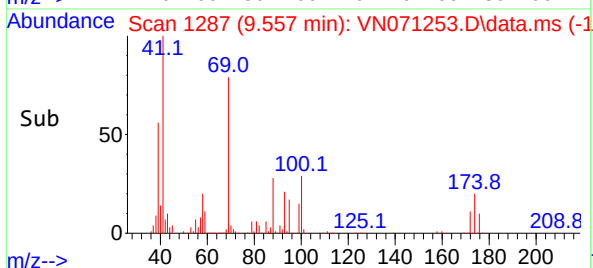
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

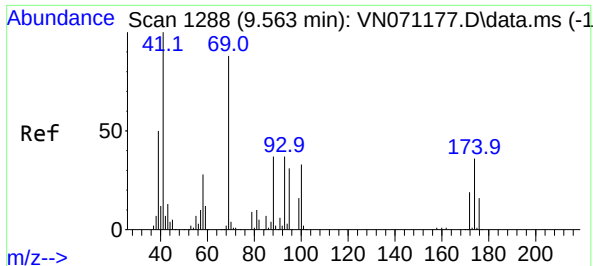


#48
Methyl methacrylate
Concen: 16.321 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion: 41 Resp: 200004
Ion Ratio Lower Upper
41 100
69 80.0 72.4 108.6
39 54.7 58.4 87.6#





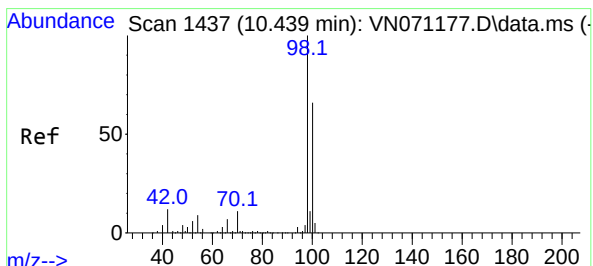
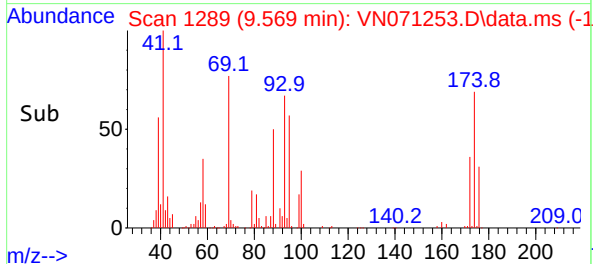
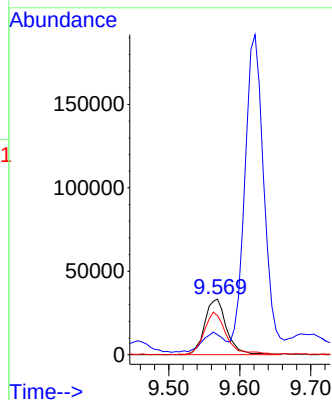
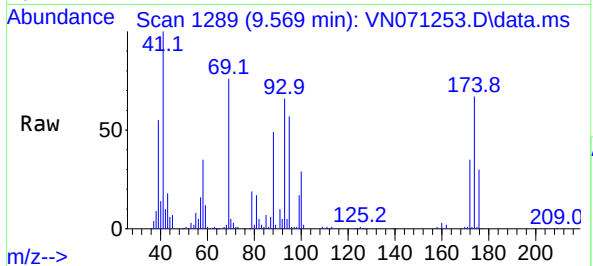
#49
1,4-Dioxane
Concen: 334.273 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion: 88 Resp: 7120
Ion Ratio Lower Upper
88 100
43 37.3 23.4 35.2
58 78.5 50.6 75.8

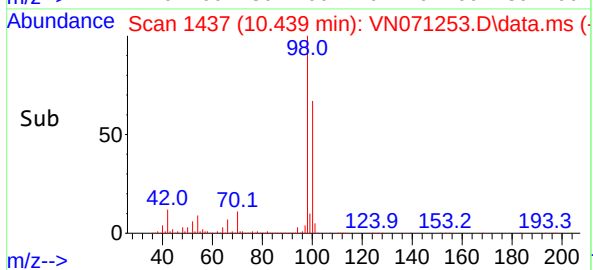
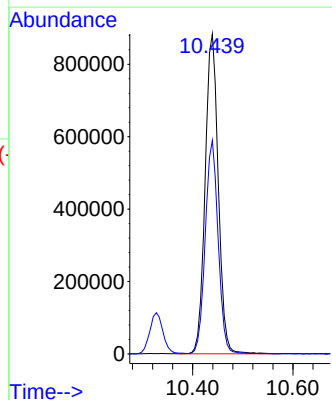
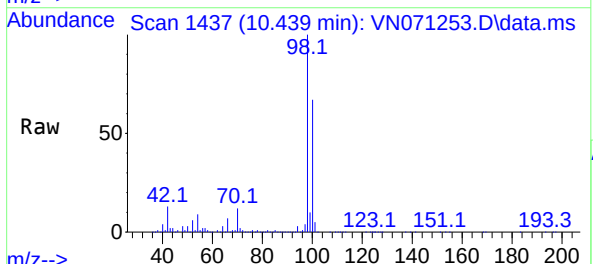
Manual Integrations
APPROVED

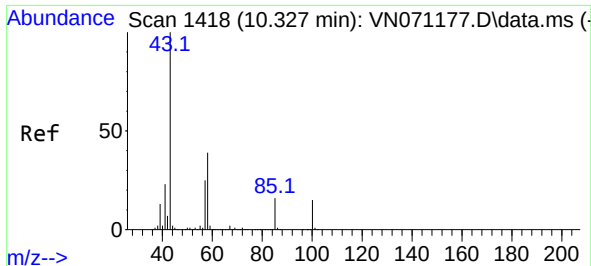
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#50
Toluene-d8
Concen: 49.692 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

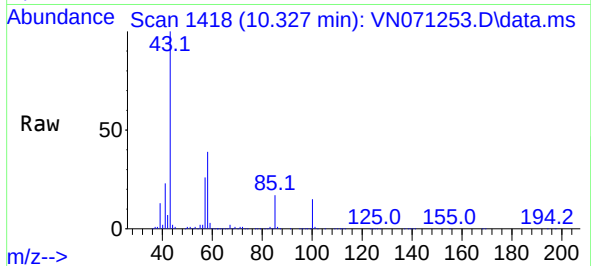
Tgt Ion: 98 Resp: 1604425
Ion Ratio Lower Upper
98 100
100 66.0 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 84.587 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

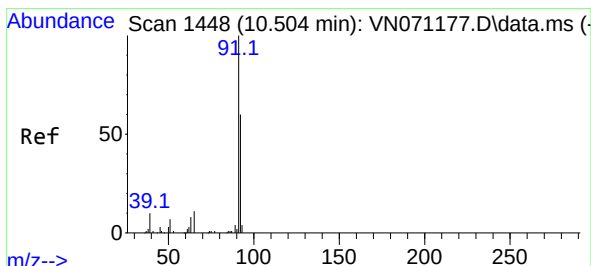
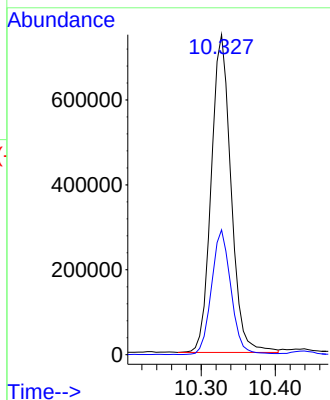
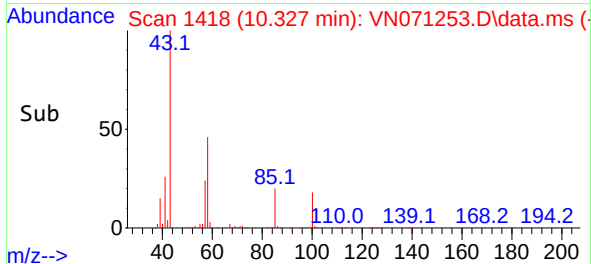
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



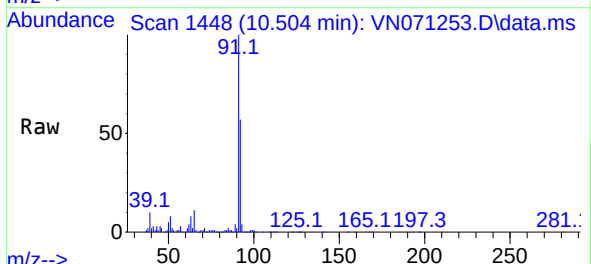
Tgt Ion: 43 Resp: 138812
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

Manual Integrations
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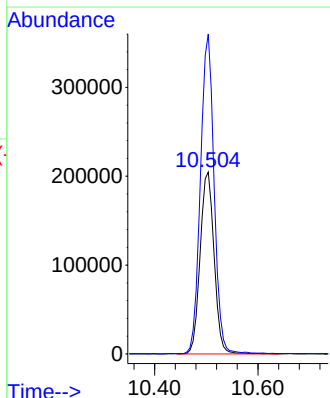
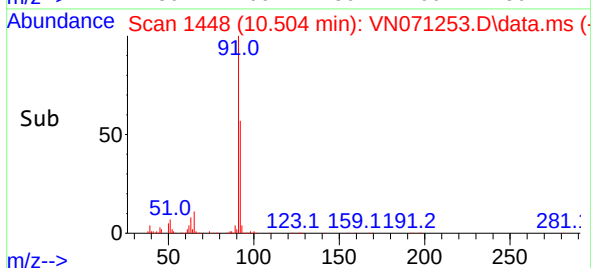
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

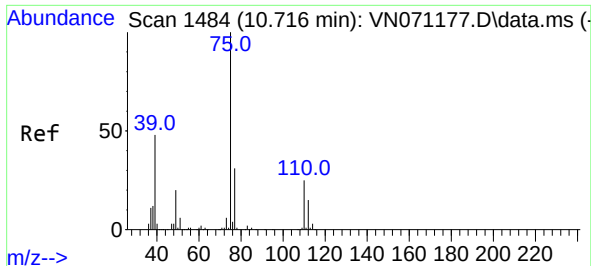


#52
Toluene
Concen: 16.071 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



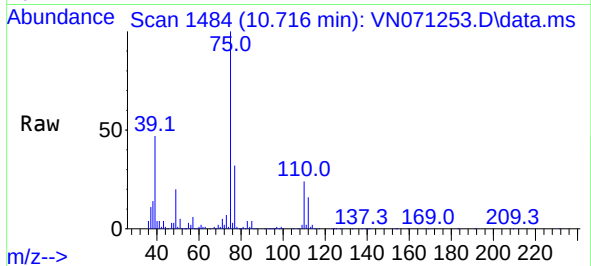
Tgt Ion: 92 Resp: 383087
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 15.994 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

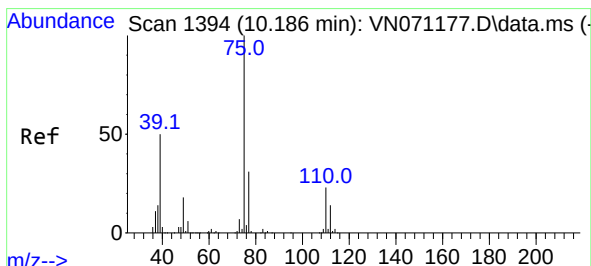
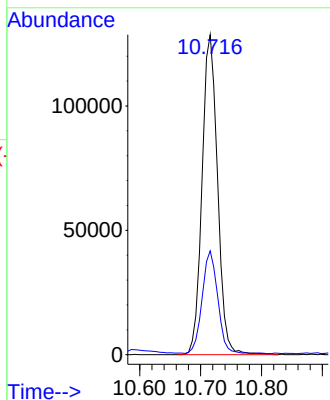
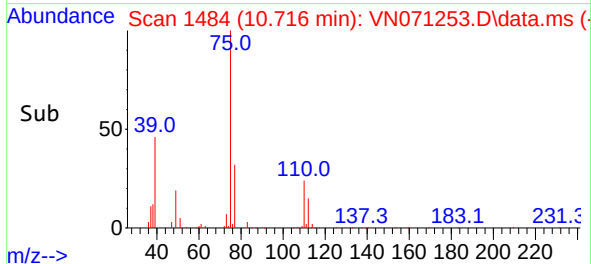
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



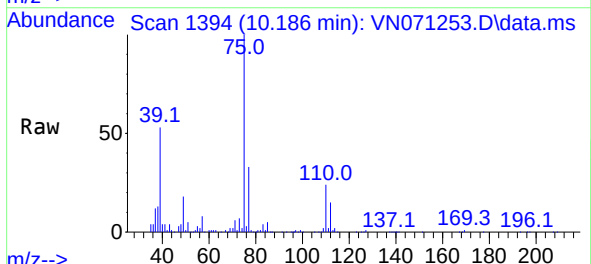
Tgt Ion: 75 Resp: 22788
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

Manual Integrations
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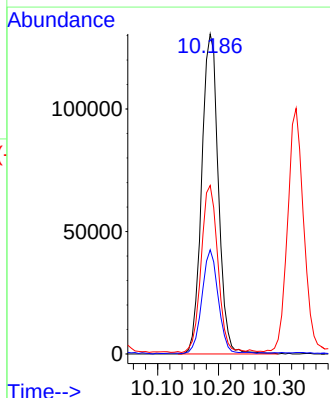
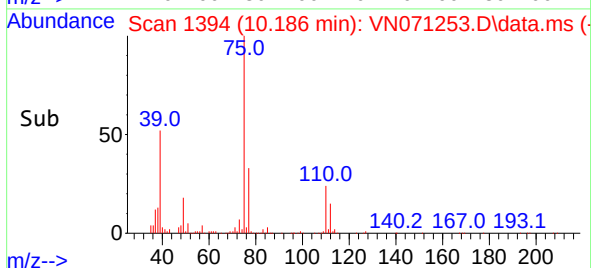
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

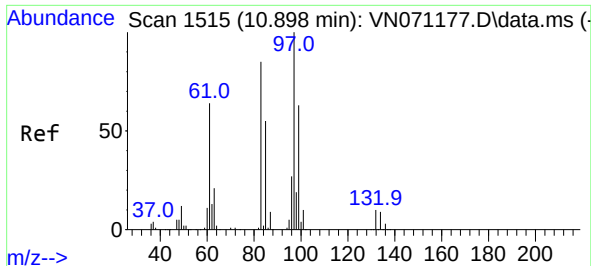


#54
cis-1,3-Dichloropropene
Concen: 16.019 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



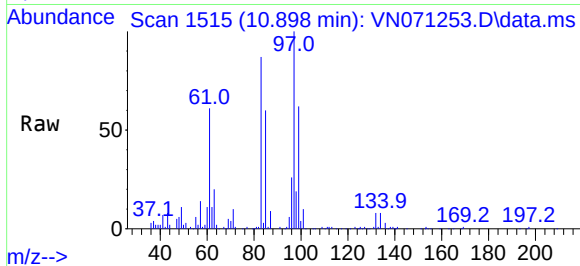
Tgt Ion: 75 Resp: 249389
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
39 51.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 16.200 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

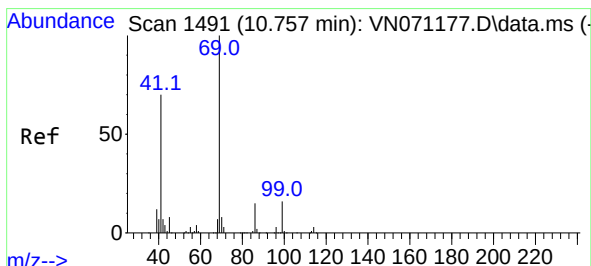
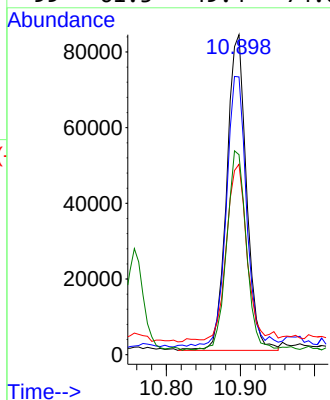
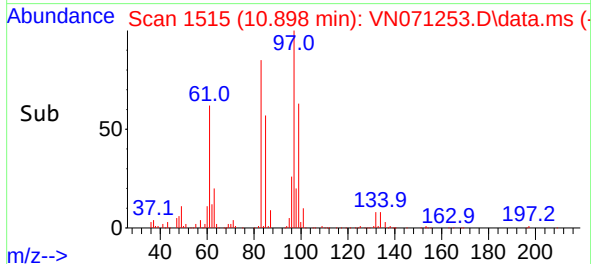


Tgt Ion: 97 Resp: 154744

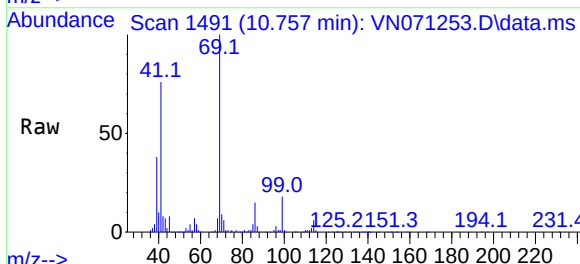
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.8	101.6
85	56.3	45.4	68.2
99	61.3	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

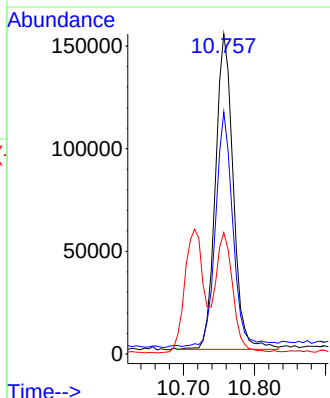
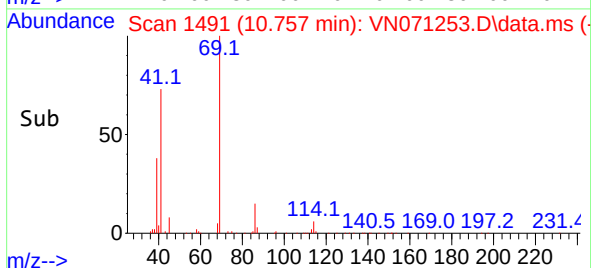


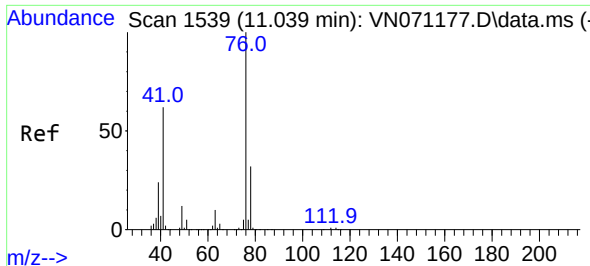
#56
Ethyl methacrylate
Concen: 17.076 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion: 69 Resp: 266370

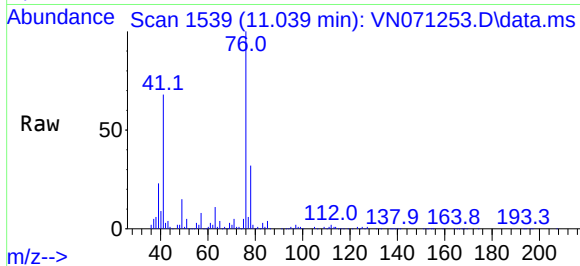
Ion	Ratio	Lower	Upper
69	100		
41	72.8	51.4	77.0
39	34.2	34.6	52.0





#57
1,3-Dichloropropane
Concen: 16.031 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

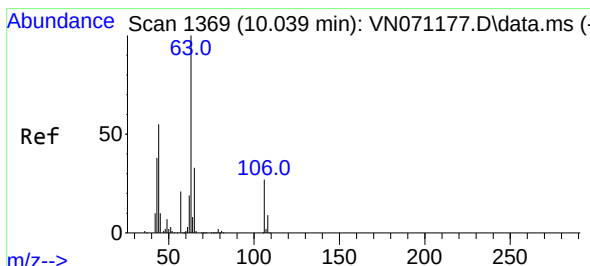
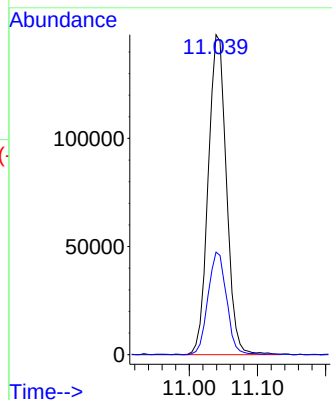
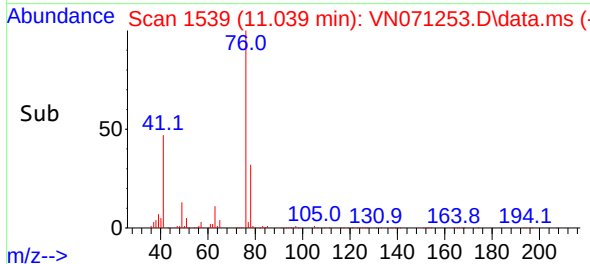
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



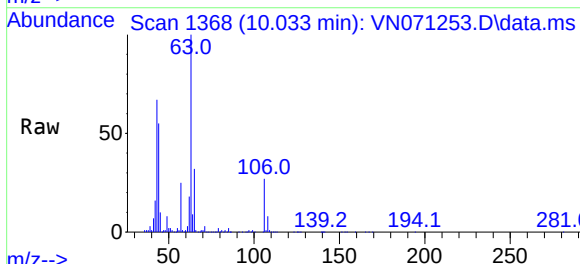
Tgt Ion: 76 Resp: 274852
Ion Ratio Lower Upper
76 100
78 32.6 25.7 38.5

Manual Integrations
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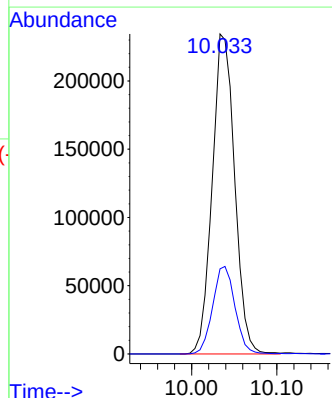
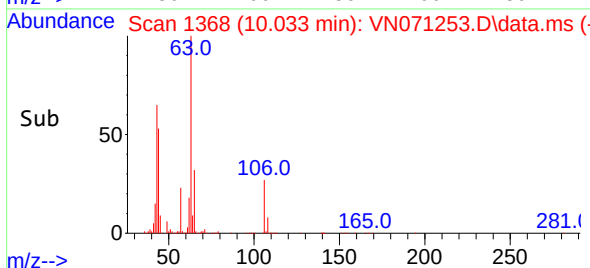
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

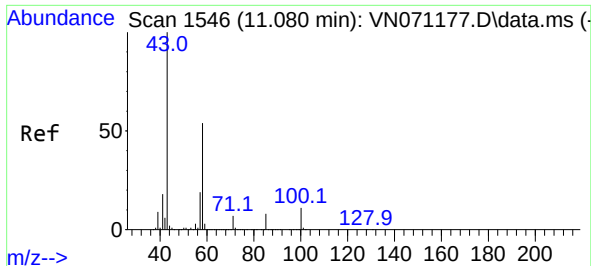


#58
2-Chloroethyl Vinyl ether
Concen: 144.118 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



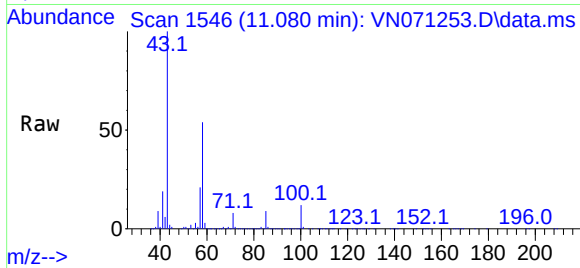
Tgt Ion: 63 Resp: 428787
Ion Ratio Lower Upper
63 100
106 27.2 23.9 35.9





#59
2-Hexanone
Concen: 90.322 ug/l
RT: 11.080 min Scan# 11080
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

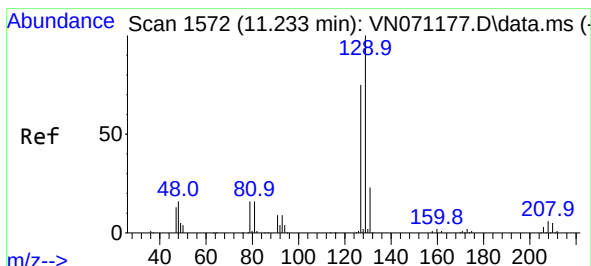
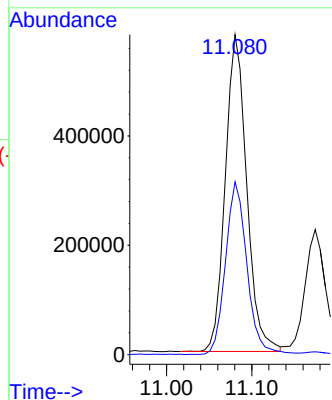
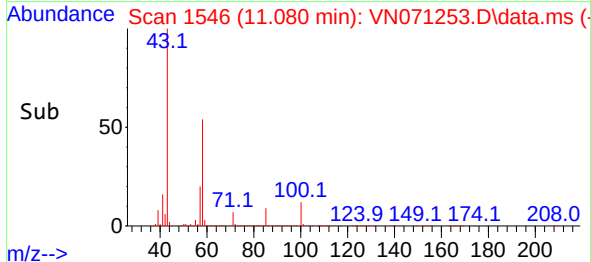
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



Tgt Ion: 43 Resp: 1011330
Ion Ratio Lower Upper
43 100
58 54.5 26.9 80.7

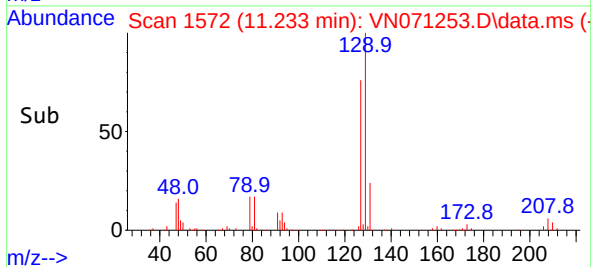
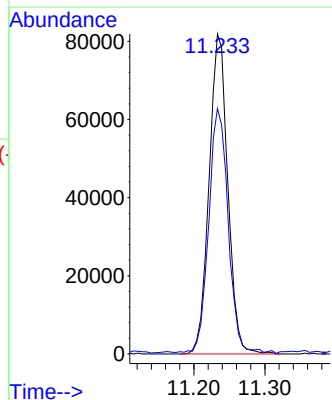
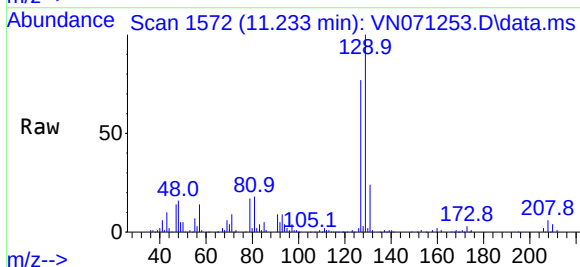
Manual Integrations
APPROVED

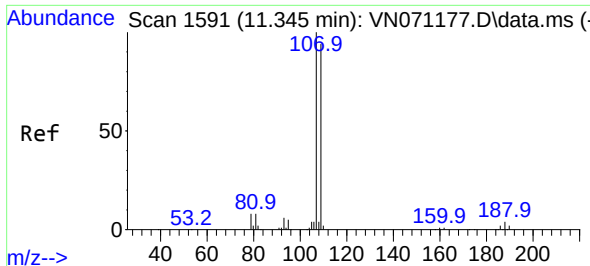
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#60
Dibromochloromethane
Concen: 15.762 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Tgt Ion:129 Resp: 149591
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





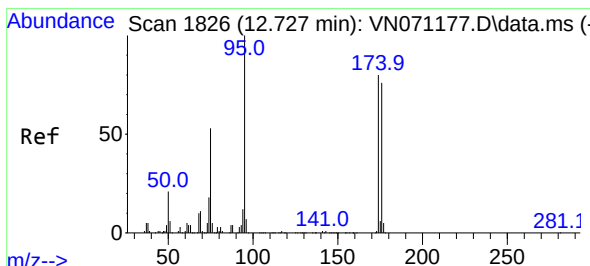
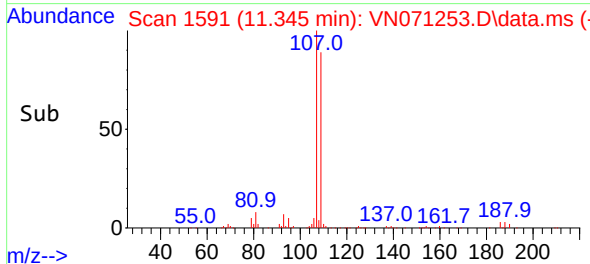
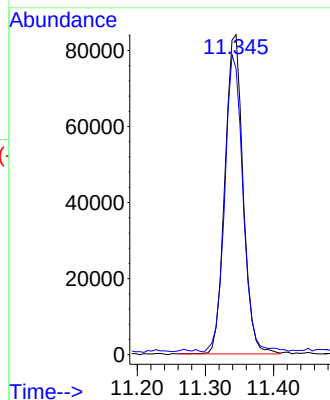
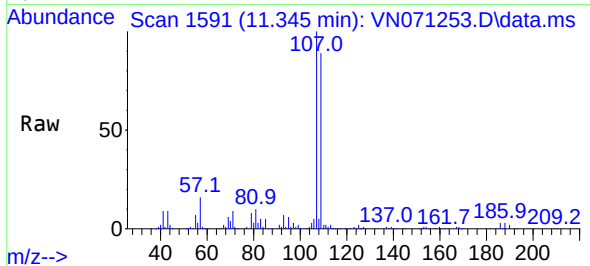
#61
1,2-Dibromoethane
Concen: 15.989 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion:107 Resp: 15608
Ion Ratio Lower Upper
107 100
109 93.2 75.7 113.5

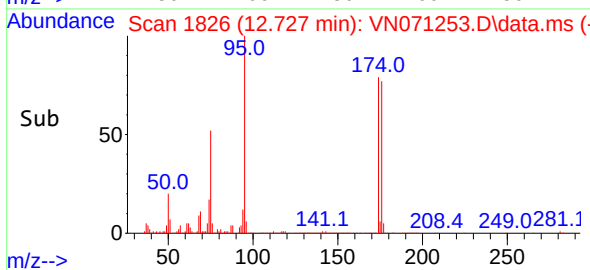
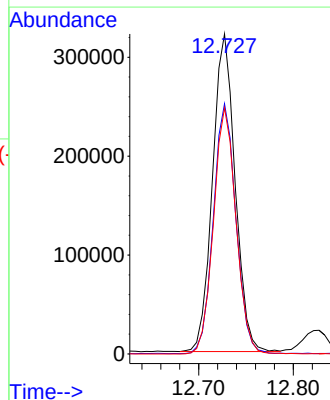
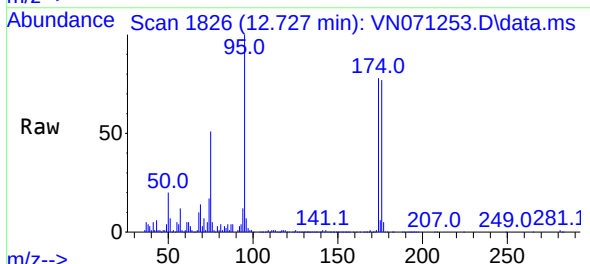
Manual Integrations
APPROVED

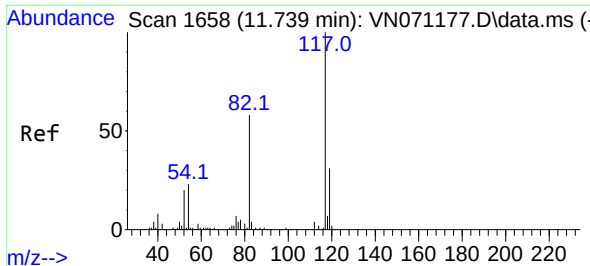
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

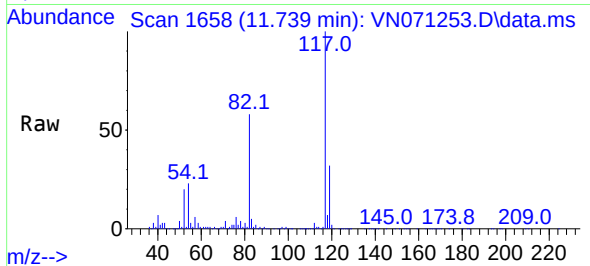
Tgt Ion: 95 Resp: 531475
Ion Ratio Lower Upper
95 100
174 78.6 0.0 187.2
176 77.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

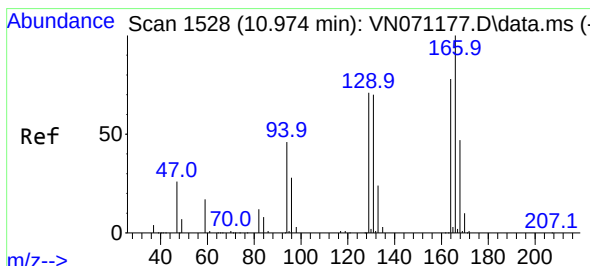
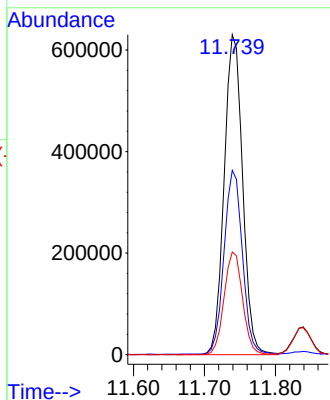
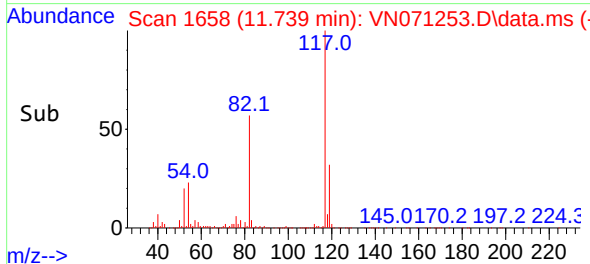
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



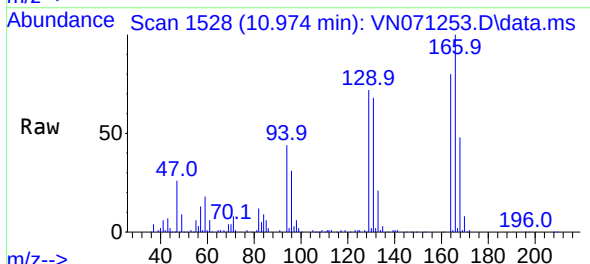
Tgt Ion:117 Resp: 1134854
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

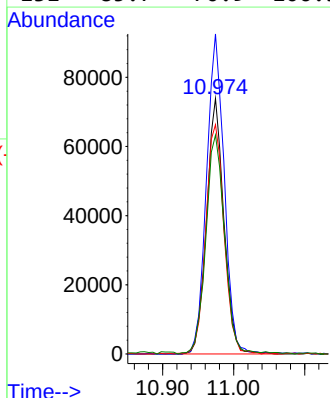
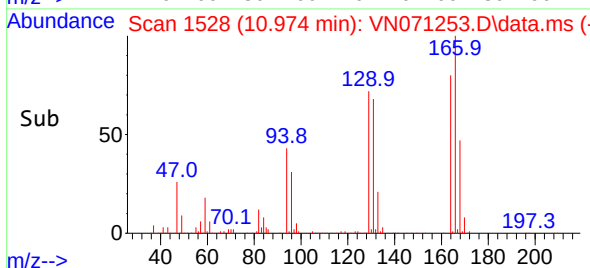
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

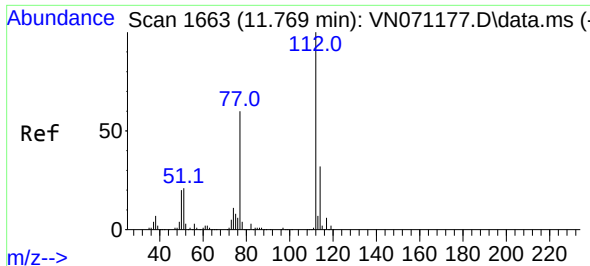


#64
Tetrachloroethene
Concen: 15.934 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



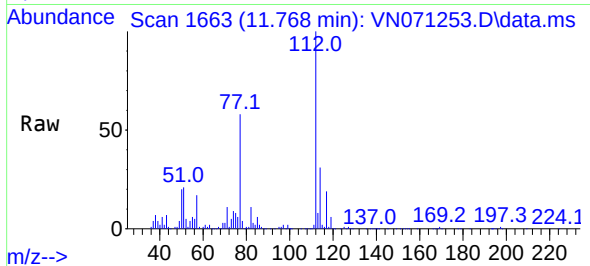
Tgt Ion:164 Resp: 126113
Ion Ratio Lower Upper
164 100
166 125.3 101.9 152.9
129 89.7 72.0 108.0
131 85.7 70.9 106.3





#65
Chlorobenzene
Concen: 16.733 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

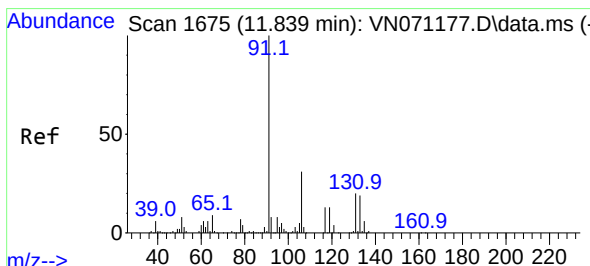
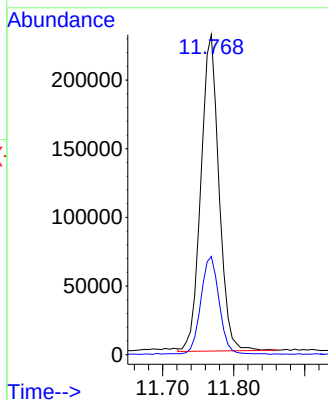
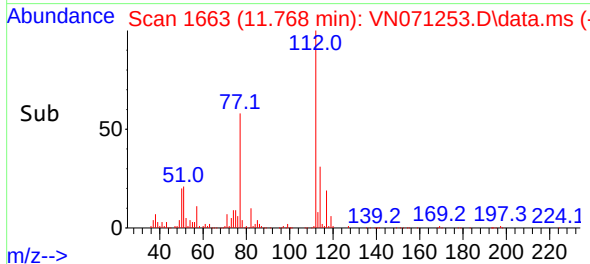
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



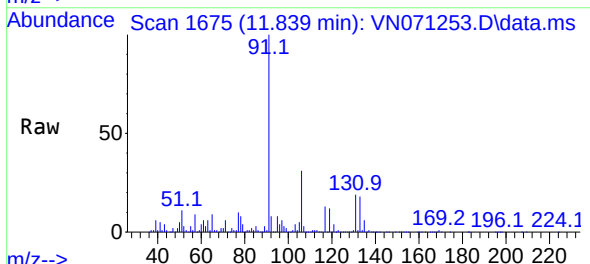
Tgt Ion:112 Resp: 407823
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0

Manual Integrations
APPROVED

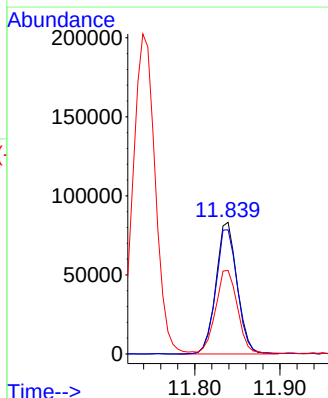
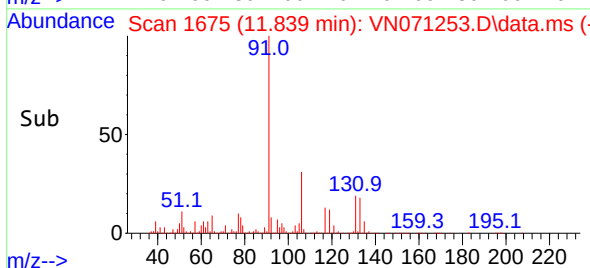
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

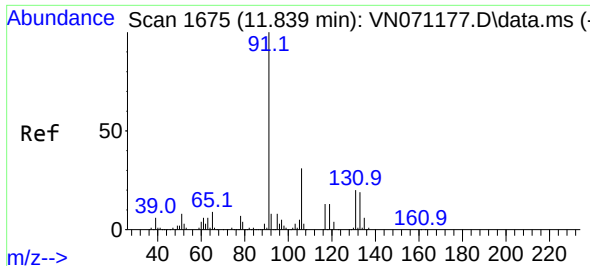


#66
1,1,1,2-Tetrachloroethane
Concen: 16.174 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



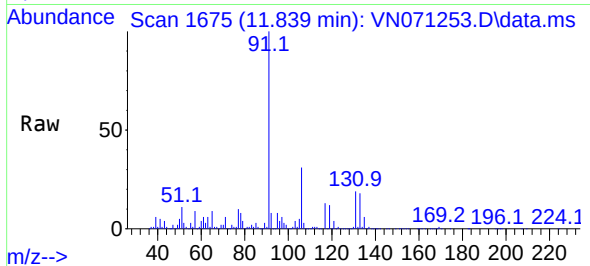
Tgt Ion:131 Resp: 144540
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 65.1 32.1 96.5





#67
Ethyl Benzene
Concen: 17.047 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

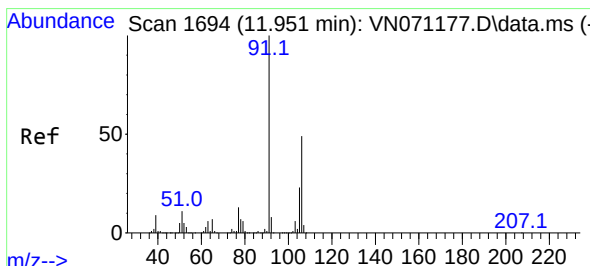
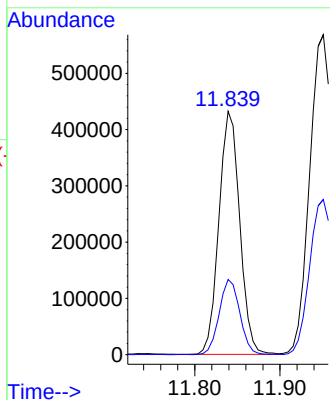
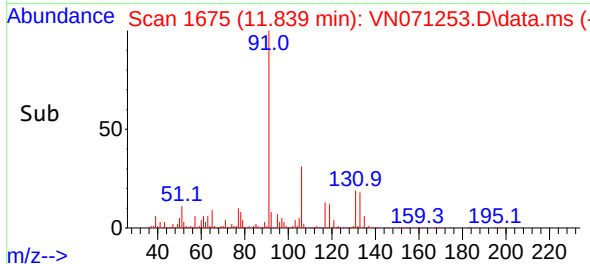
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



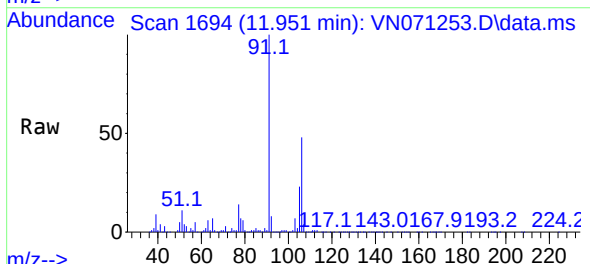
Tgt Ion: 91 Resp: 73460
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

Manual Integrations
APPROVED

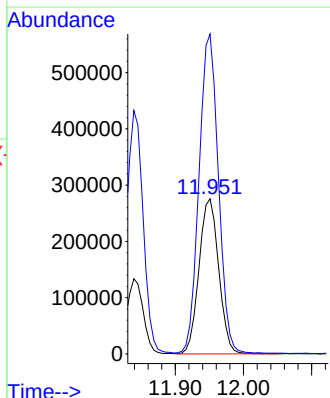
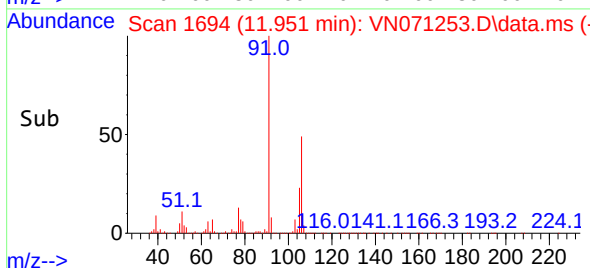
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

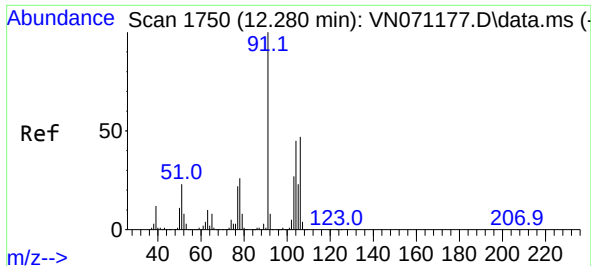


#68
m/p-Xylenes
Concen: 35.062 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion:106 Resp: 552727
Ion Ratio Lower Upper
106 100
91 202.1 160.6 240.8





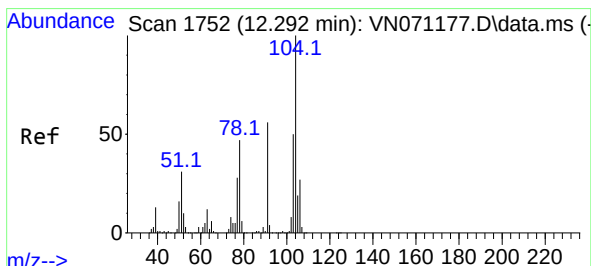
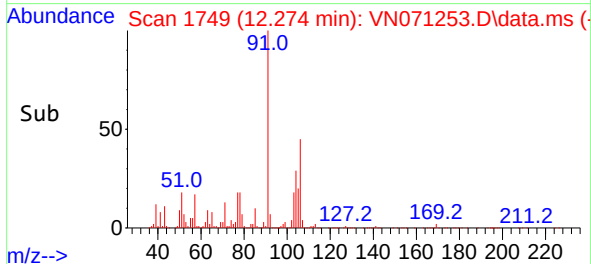
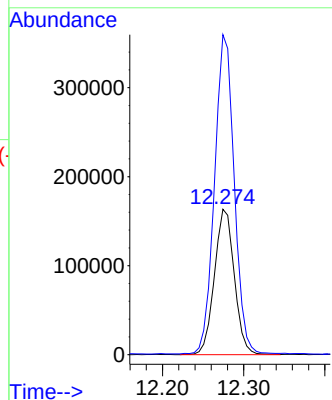
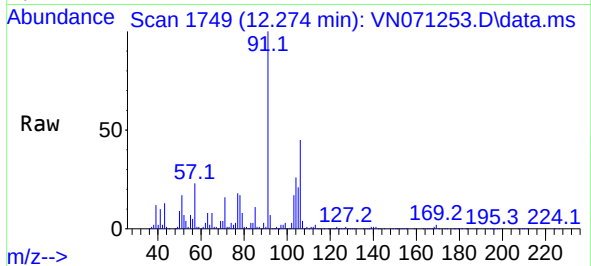
#69
o-Xylene
Concen: 17.660 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion:106 Resp: 279062
Ion Ratio Lower Upper
106 100
91 216.6 105.8 317.3

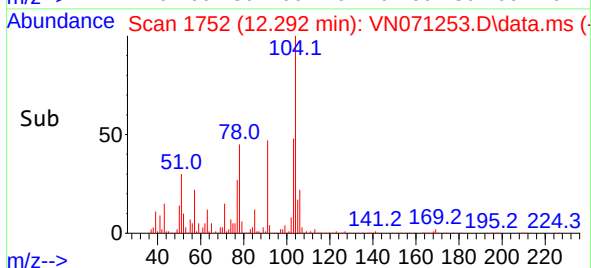
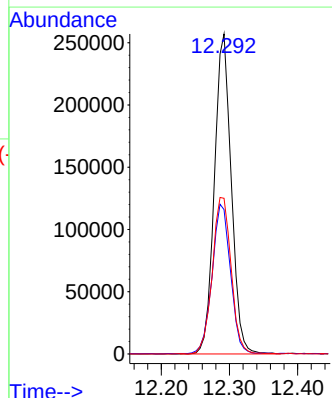
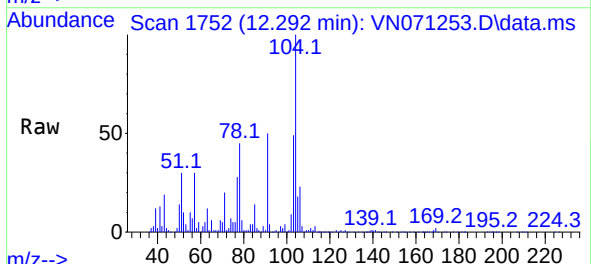
Manual Integrations
APPROVED

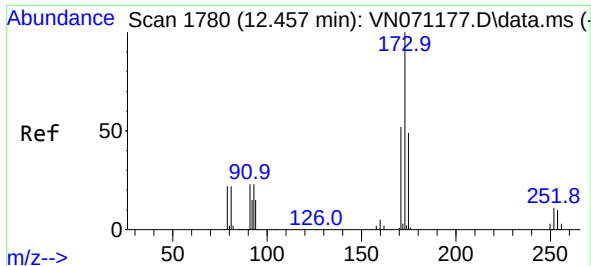
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#70
Styrene
Concen: 18.129 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

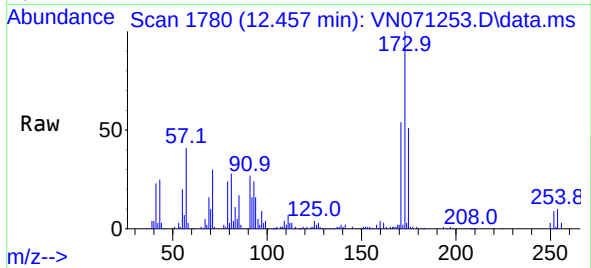
Tgt Ion:104 Resp: 443437
Ion Ratio Lower Upper
104 100
78 50.9 38.7 58.1
103 54.5 45.0 67.6





#71
Bromoform
Concen: 15.802 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

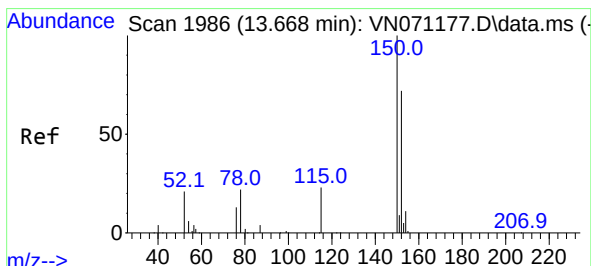
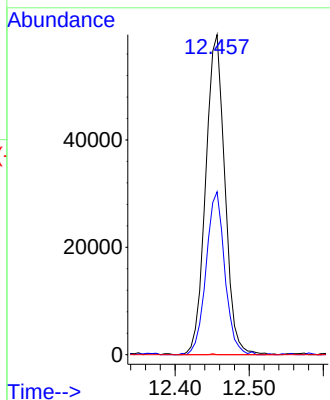
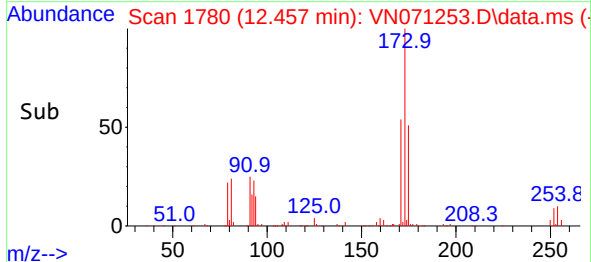
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



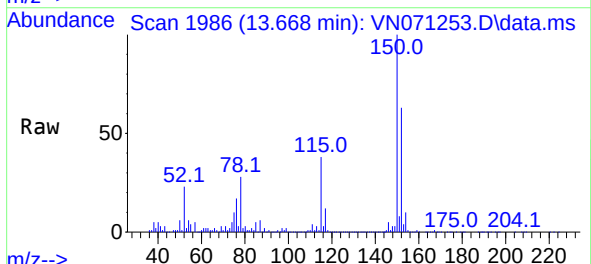
Tgt Ion:173 Resp: 10724
Ion Ratio Lower Upper
173 100
175 49.6 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

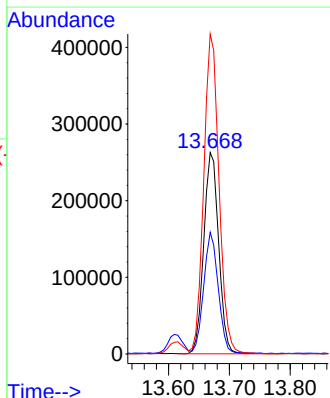
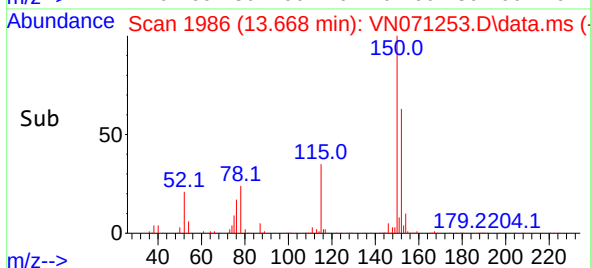
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

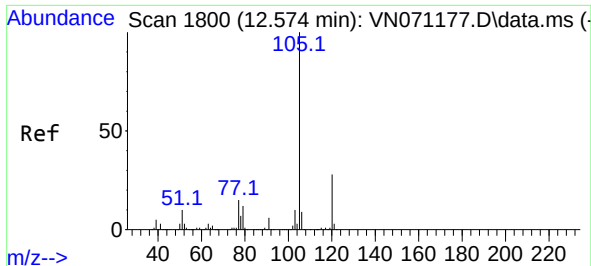


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion:152 Resp: 446841
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 162.0 0.0 344.4





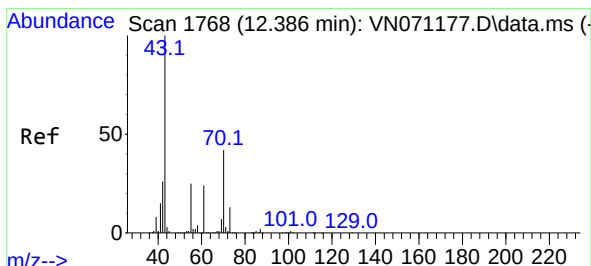
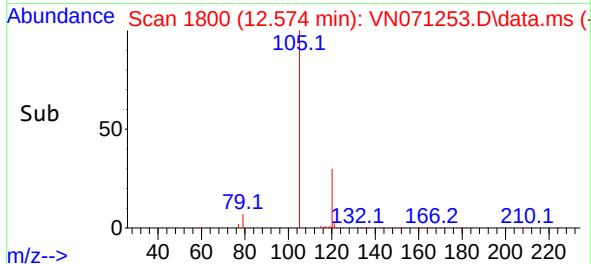
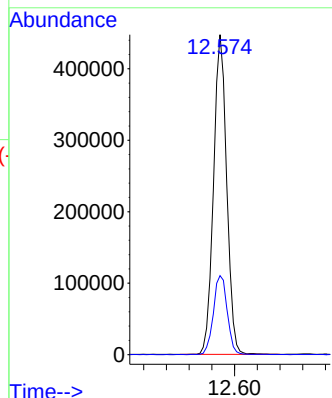
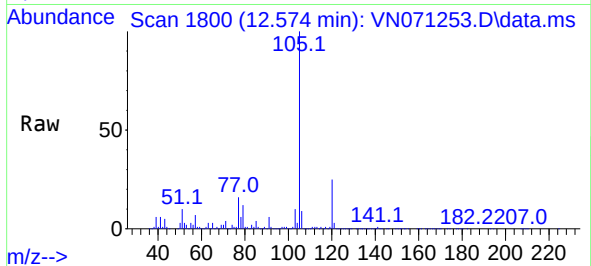
#73
Isopropylbenzene
Concen: 16.623 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion:105 Resp: 71604
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

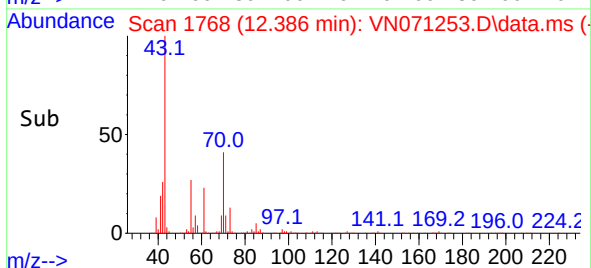
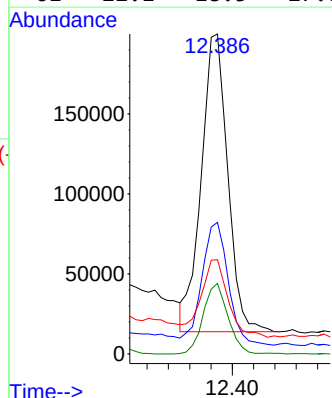
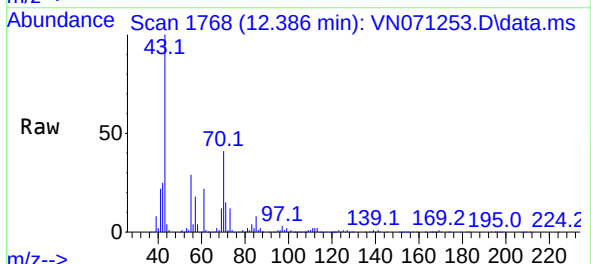
Manual Integrations
APPROVED

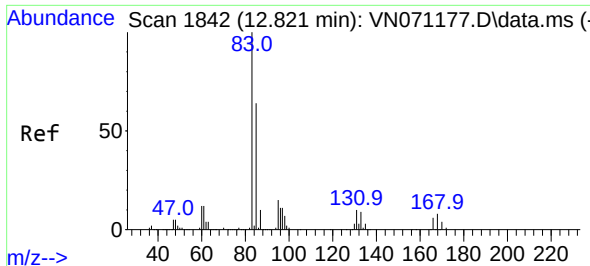
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#74
N-ethyl acetate
Concen: 19.855 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

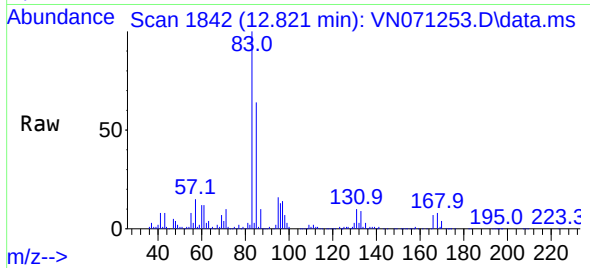
Tgt Ion: 43 Resp: 321568
Ion Ratio Lower Upper
43 100
70 41.0 33.4 50.0
55 26.6 19.3 28.9
61 22.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.007 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

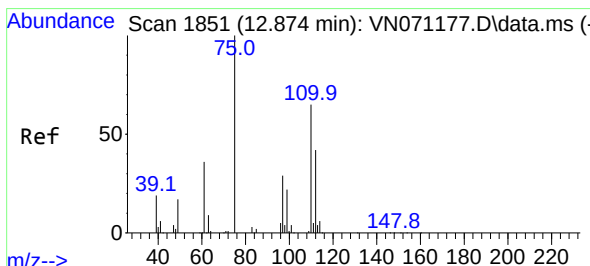
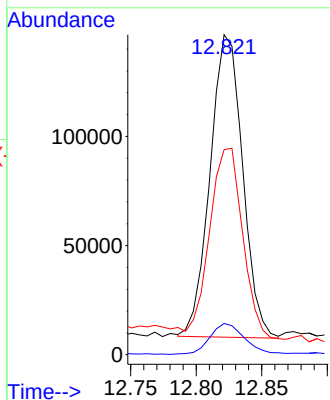
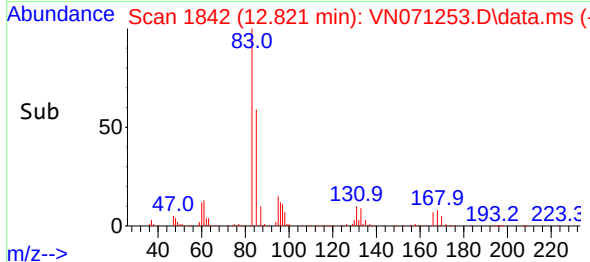
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



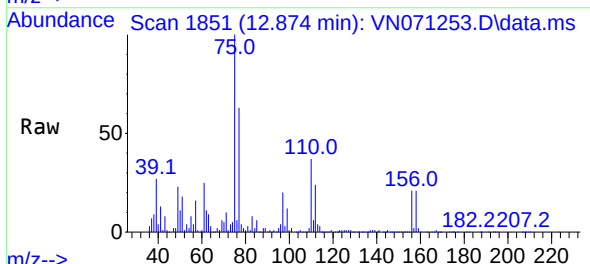
Tgt Ion: 83 Resp: 239334
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.5
85 64.4 32.4 97.2

Manual Integrations
APPROVED

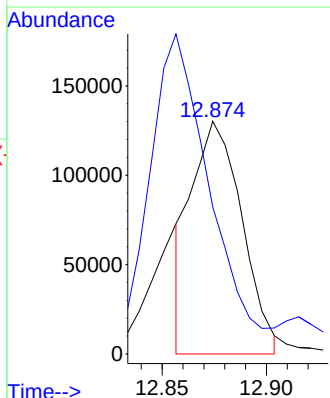
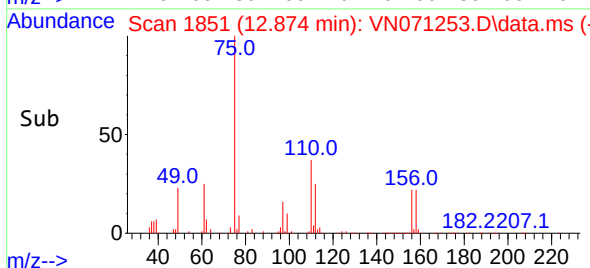
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

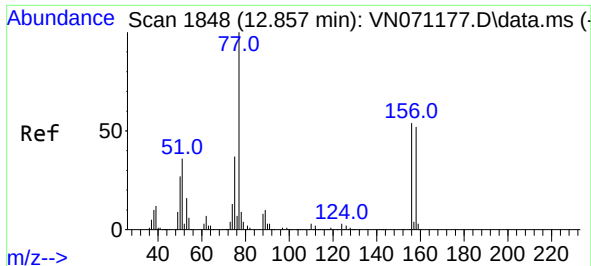


#76
1,2,3-Trichloropropane
Concen: 18.396 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



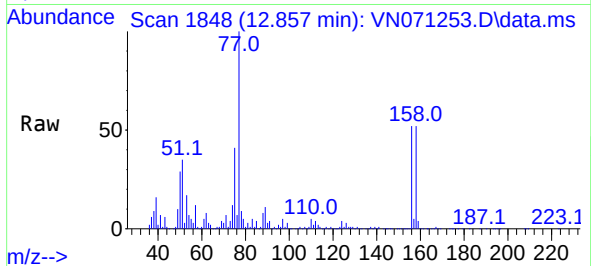
Tgt Ion: 75 Resp: 218545
Ion Ratio Lower Upper
75 100
77 163.0 82.6 247.8





#77
Bromobenzene
Concen: 15.955 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

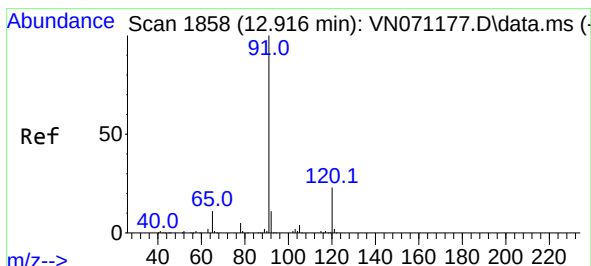
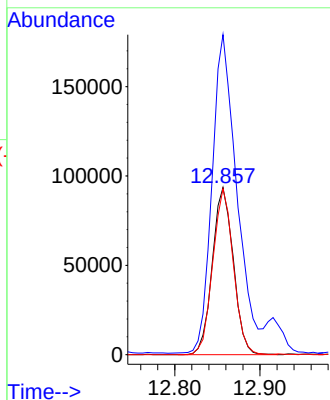
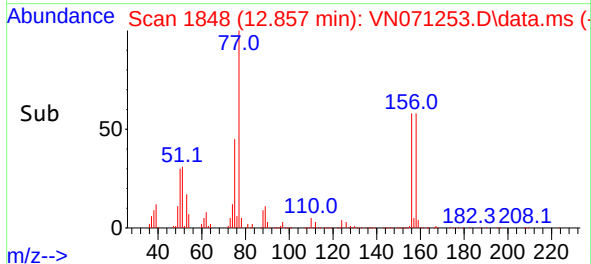
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



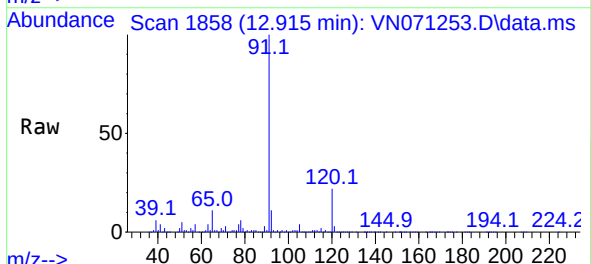
Tgt Ion:156 Resp: 16025
Ion Ratio Lower Upper
156 100
77 222.2 90.6 271.8
158 97.4 48.9 146.7

Manual Integrations
APPROVED

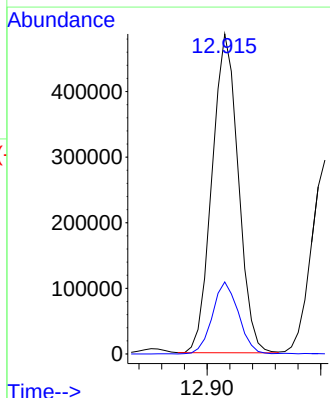
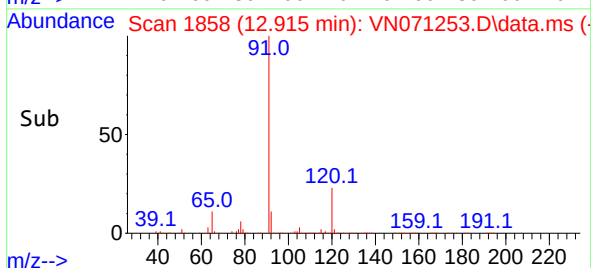
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

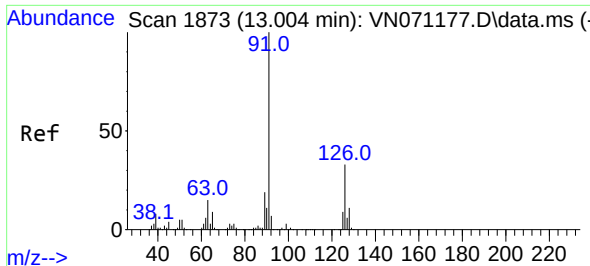


#78
n-propylbenzene
Concen: 16.895 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion: 91 Resp: 780918
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9





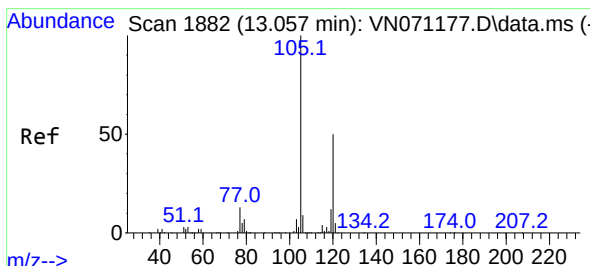
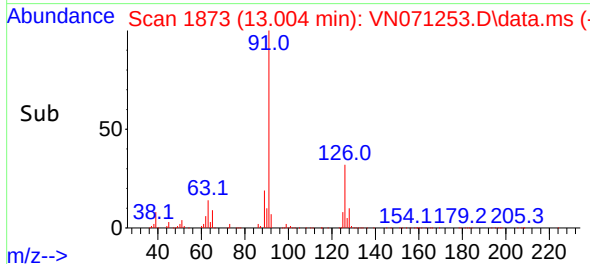
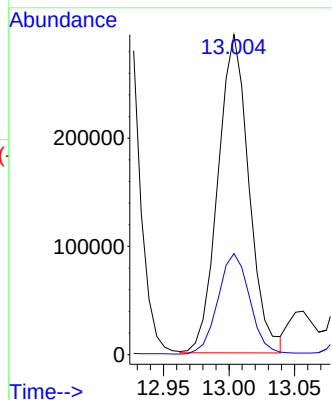
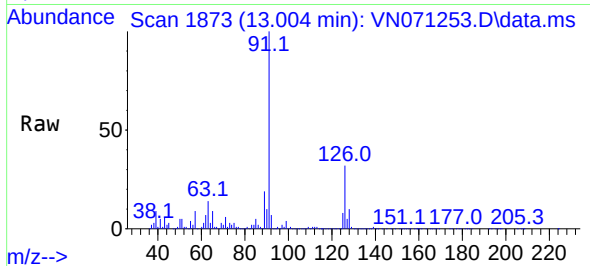
#79
2-Chlorotoluene
Concen: 16.325 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion: 91 Resp: 484370
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

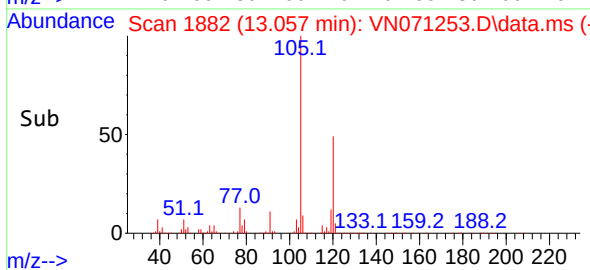
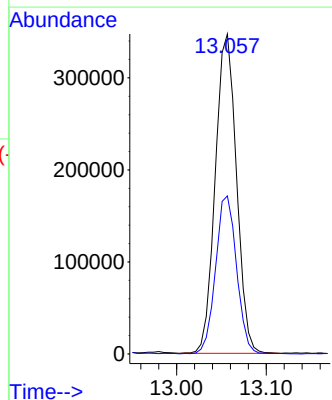
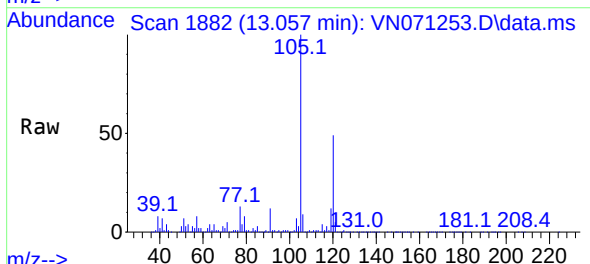
Manual Integrations
APPROVED

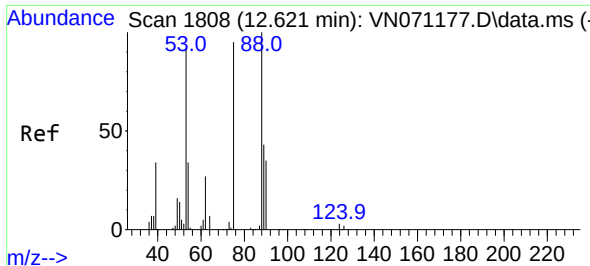
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 16.994 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Tgt Ion:105 Resp: 569519
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6





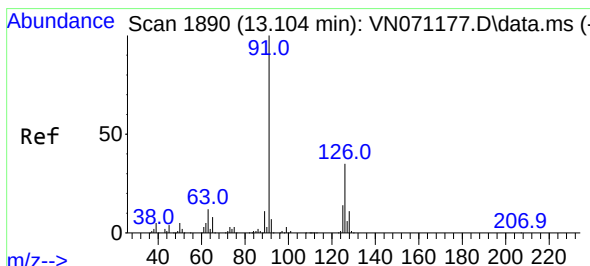
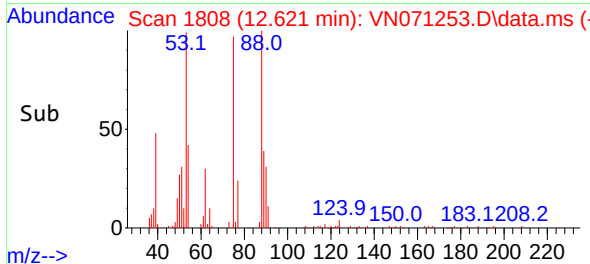
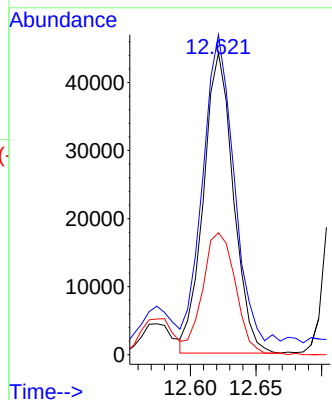
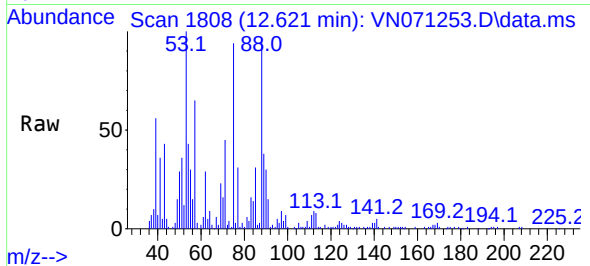
#81
trans-1,4-Dichloro-2-butene
Concen: 16.932 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion: 75 Resp: 69992
Ion Ratio Lower Upper
75 100
53 108.0 90.5 135.7
89 45.0 38.2 57.4

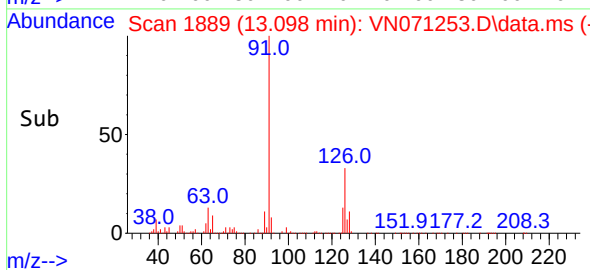
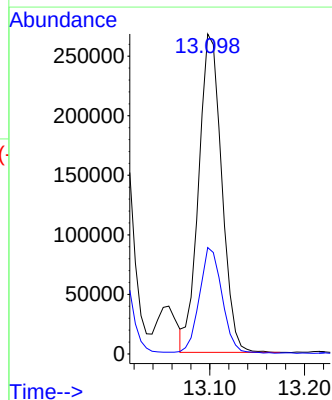
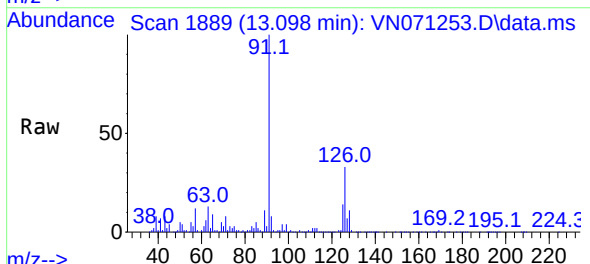
Manual Integrations
APPROVED

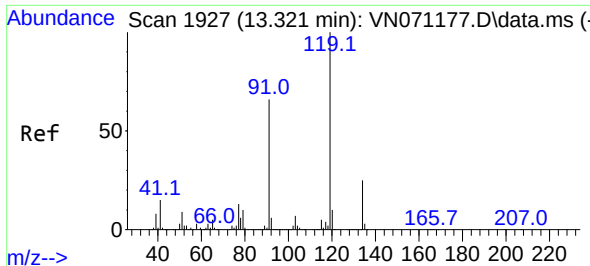
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#82
4-Chlorotoluene
Concen: 17.063 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

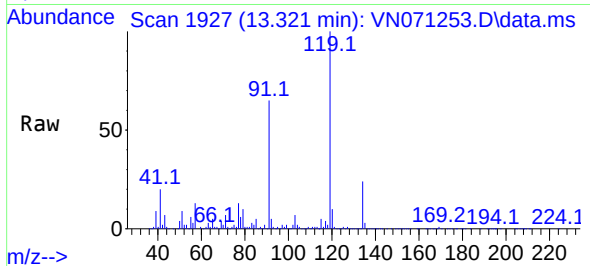
Tgt Ion: 91 Resp: 450961
Ion Ratio Lower Upper
91 100
126 32.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.292 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

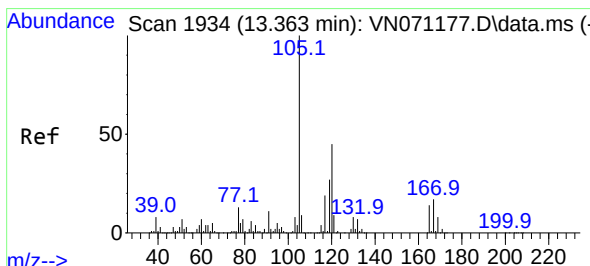
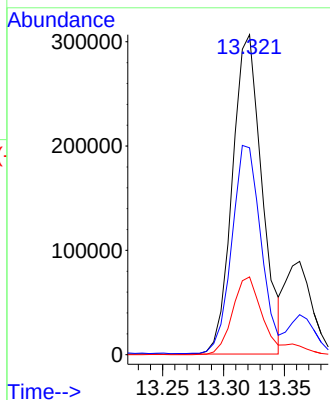
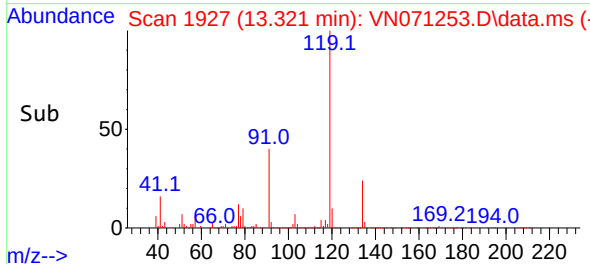
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



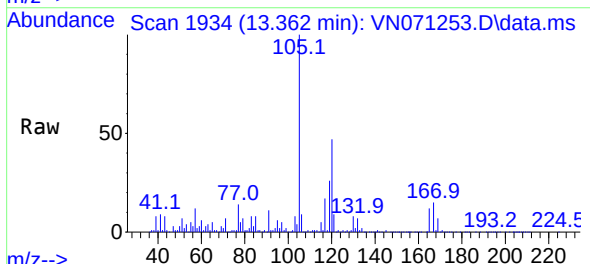
Tgt Ion:119 Resp: 517150
Ion Ratio Lower Upper
119 100
91 64.2 31.5 94.5
134 26.6 12.4 37.4

Manual Integrations
APPROVED

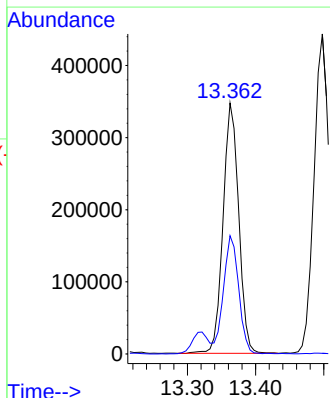
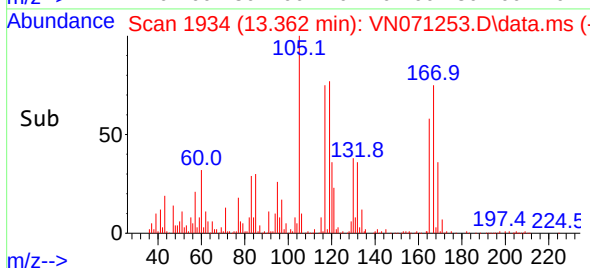
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

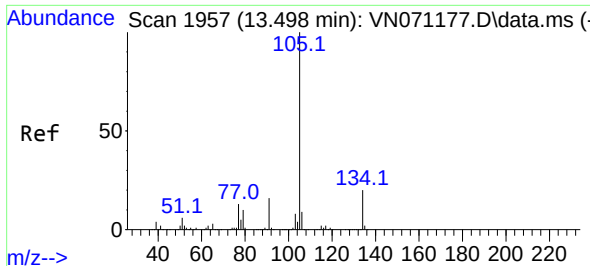


#84
1,2,4-Trimethylbenzene
Concen: 17.284 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



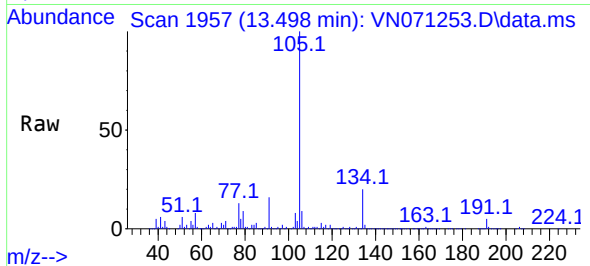
Tgt Ion:105 Resp: 554798
Ion Ratio Lower Upper
105 100
120 46.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 17.617 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071253.D
 Acq: 11 Mar 2022 17:22

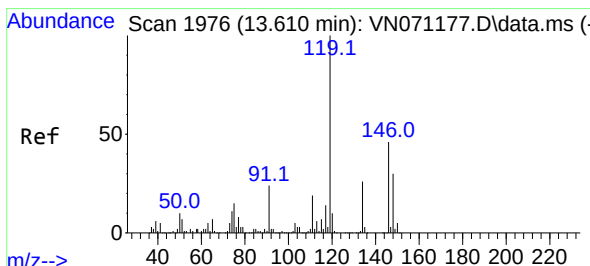
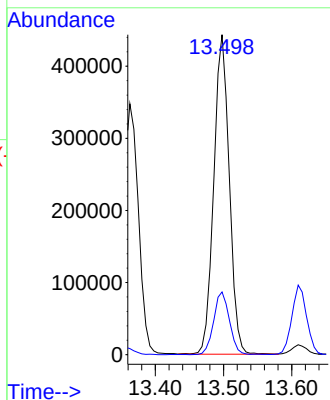
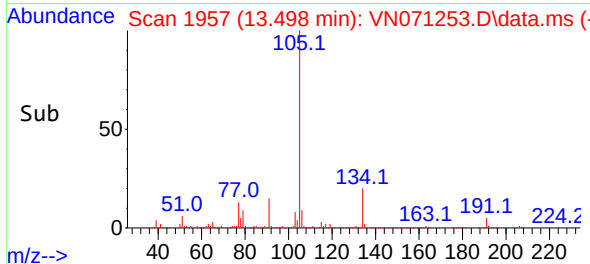
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS03



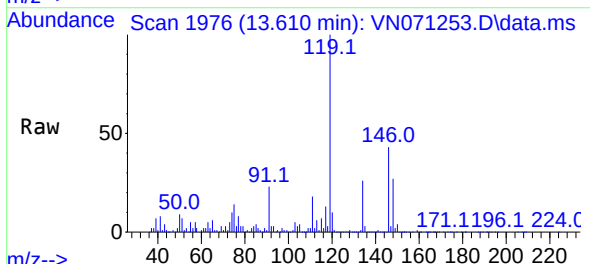
Tgt Ion:105 Resp: 700297
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

Manual Integrations
 APPROVED

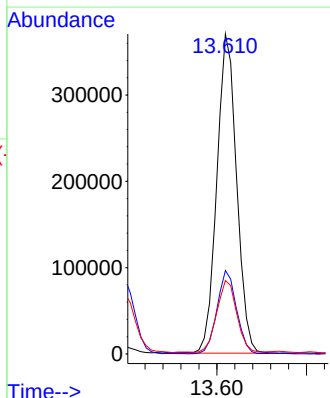
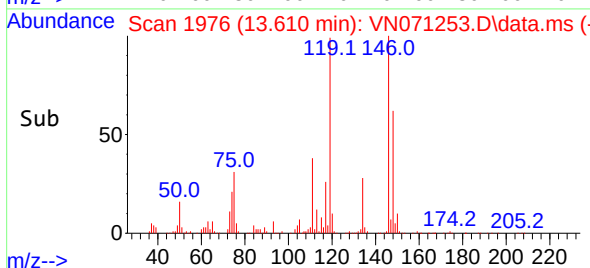
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022

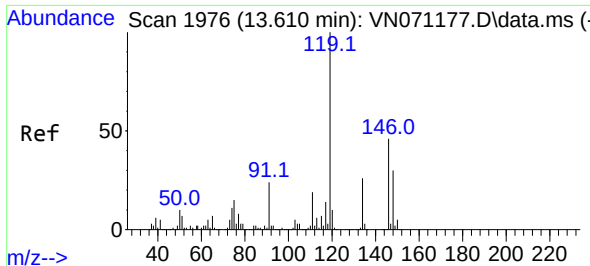


#86
 p-Isopropyltoluene
 Concen: 18.084 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071253.D
 Acq: 11 Mar 2022 17:22



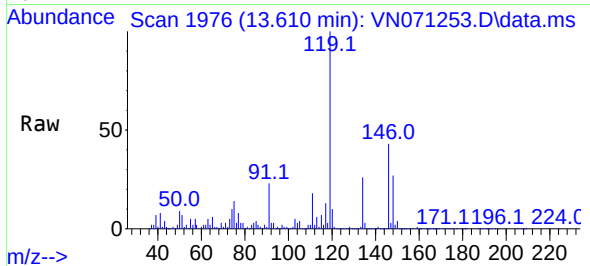
Tgt Ion:119 Resp: 565357
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 22.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 16.452 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

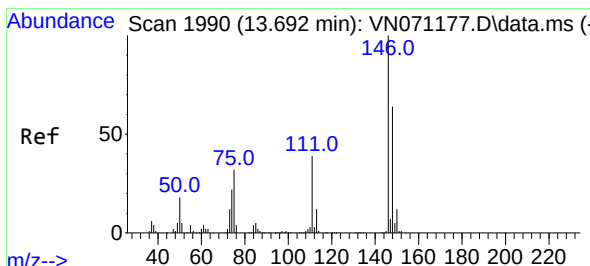
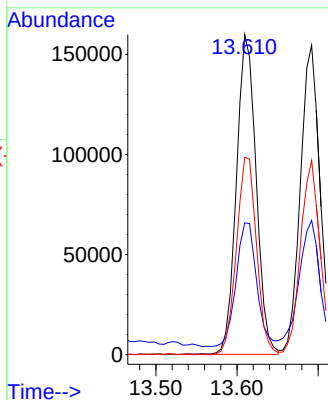
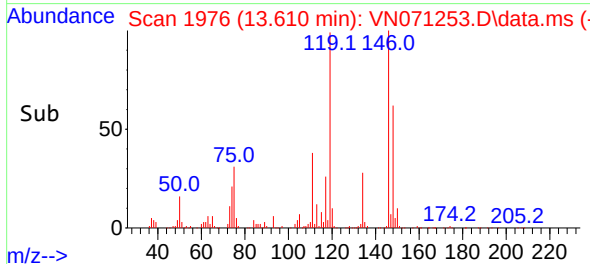
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



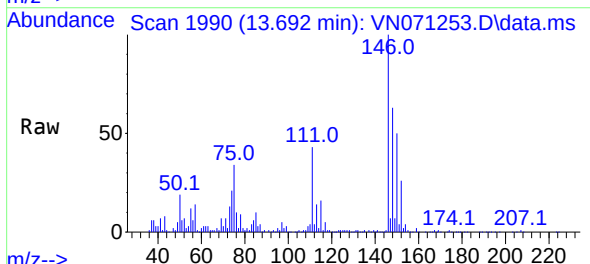
Tgt Ion:146 Resp: 26851
Ion Ratio Lower Upper
146 100
111 40.3 18.6 55.6
148 63.2 31.6 95.0

Manual Integrations
APPROVED

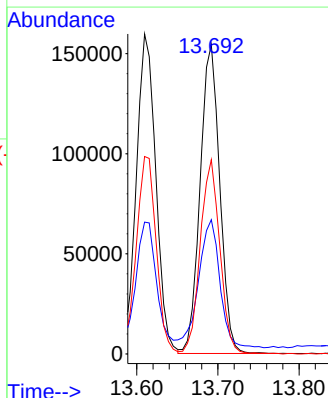
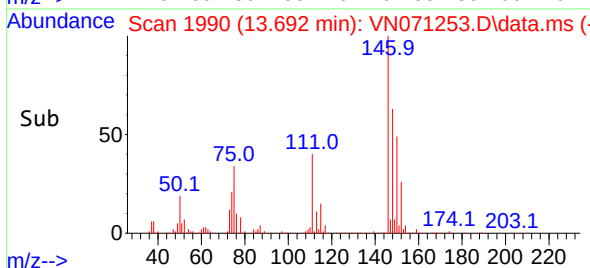
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

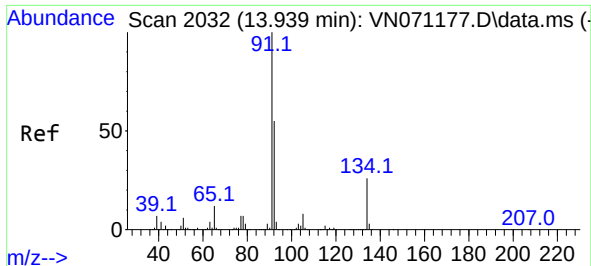


#88
1,4-Dichlorobenzene
Concen: 16.269 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion:146 Resp: 259548
Ion Ratio Lower Upper
146 100
111 45.1 18.3 54.8
148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 17.924 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS03

Tgt Ion: 91 Resp: 43826

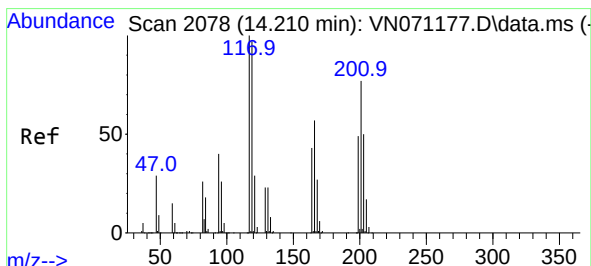
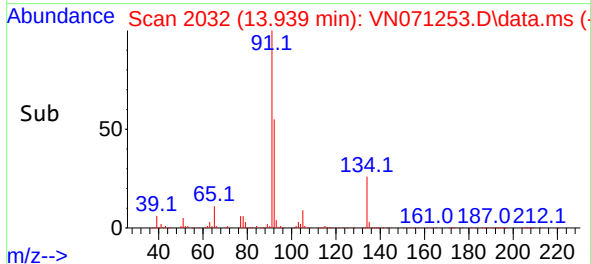
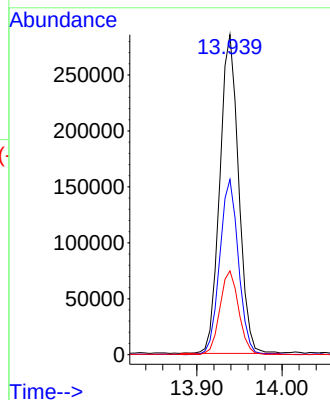
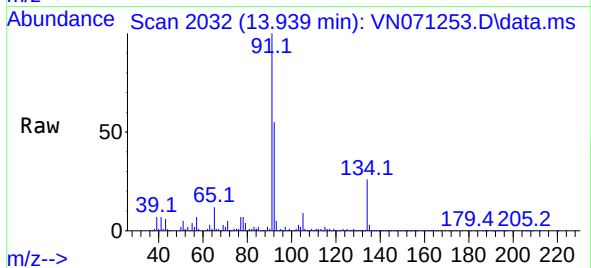
Ion	Ratio	Lower	Upper
91	100		
92	54.8	25.4	76.0
134	26.1	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#90

Hexachloroethane

Concen: 15.280 ug/l

RT: 14.209 min Scan# 2078

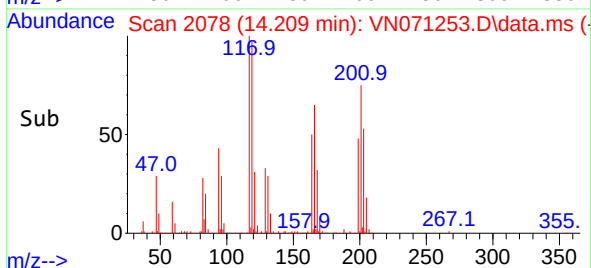
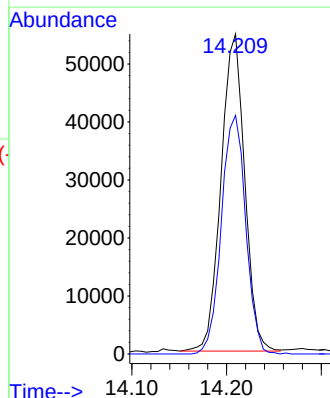
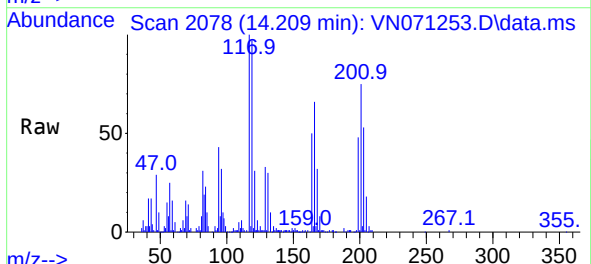
Delta R.T. -0.000 min

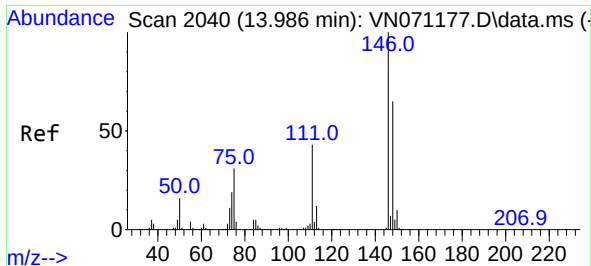
Lab File: VN071253.D

Acq: 11 Mar 2022 17:22

Tgt Ion:117 Resp: 94993

Ion	Ratio	Lower	Upper
117	100		
201	77.1	43.9	131.6





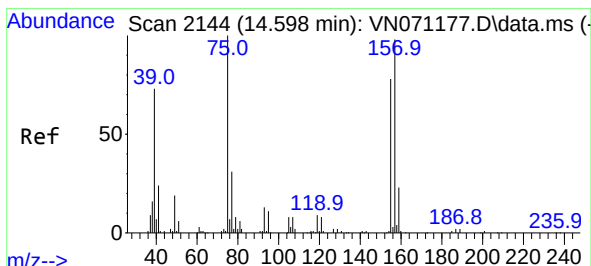
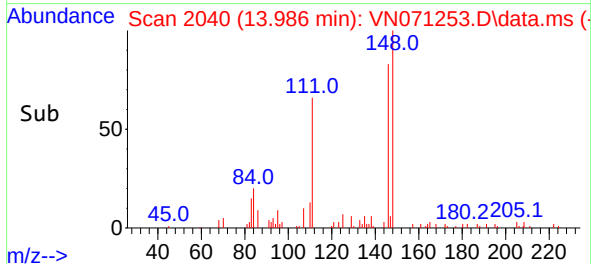
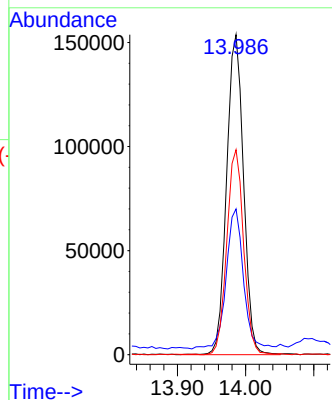
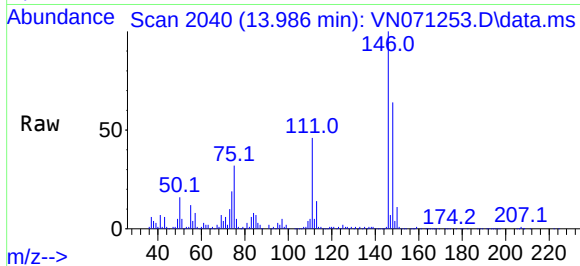
#91
1,2-Dichlorobenzene
Concen: 16.916 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03

Tgt Ion:146 Resp: 265429
Ion Ratio Lower Upper
146 100
111 44.9 19.1 57.3
148 63.9 32.1 96.3

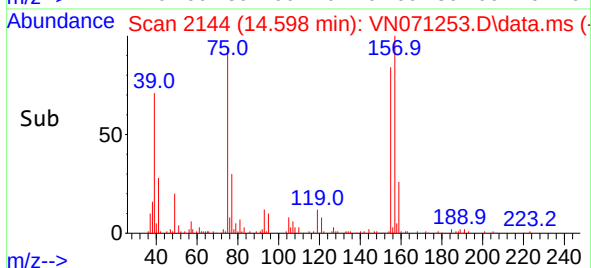
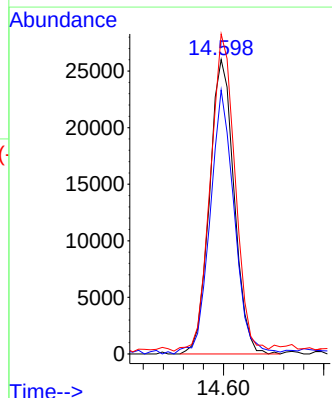
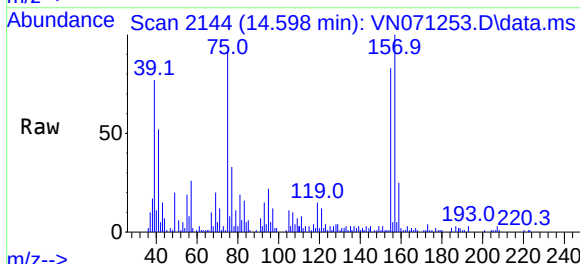
Manual Integrations
APPROVED

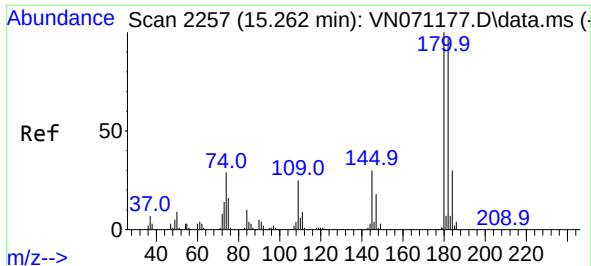
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.675 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

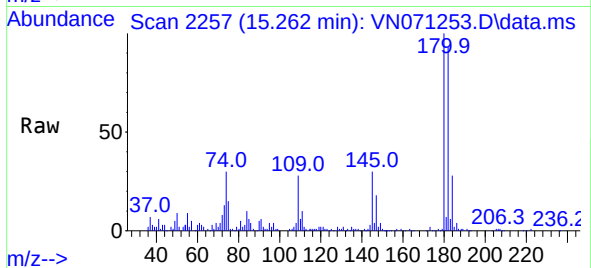
Tgt Ion: 75 Resp: 44297
Ion Ratio Lower Upper
75 100
155 88.1 46.9 140.7
157 107.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.460 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

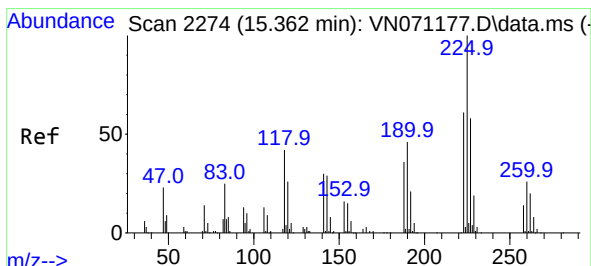
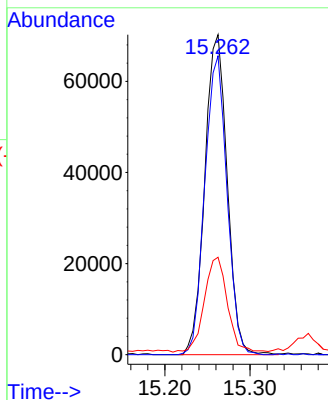
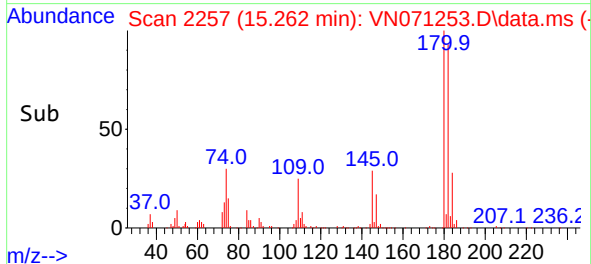
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



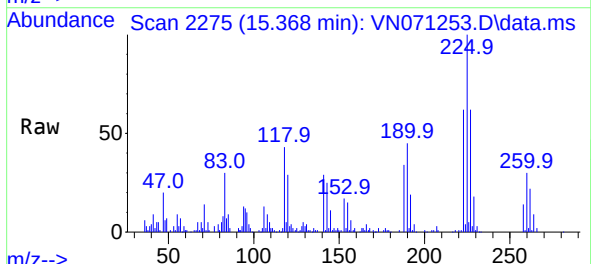
Tgt Ion:180 Resp: 128280
Ion Ratio Lower Upper
180 100
182 92.4 48.3 144.9
145 31.1 14.5 43.5

Manual Integrations
APPROVED

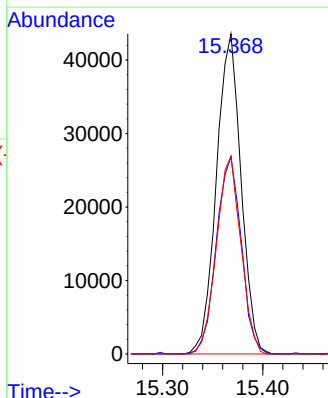
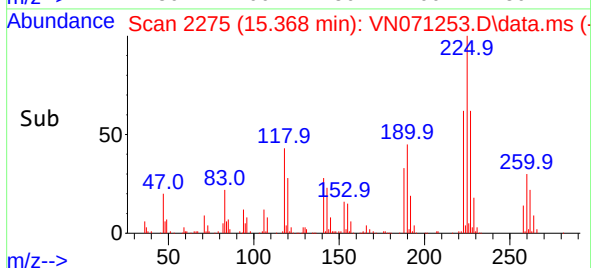
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

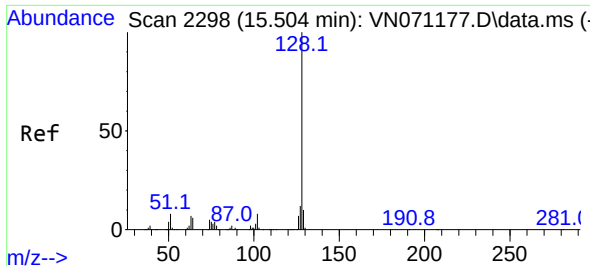


#94
Hexachlorobutadiene
Concen: 16.882 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



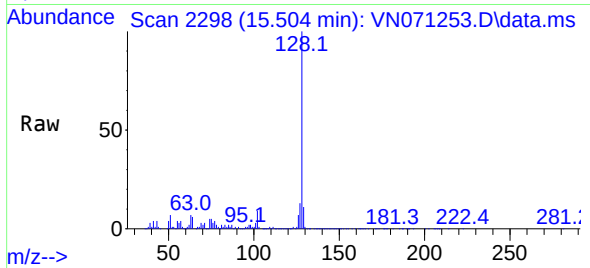
Tgt Ion:225 Resp: 74360
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.7
227 61.1 32.1 96.3





#95
Naphthalene
Concen: 22.623 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22

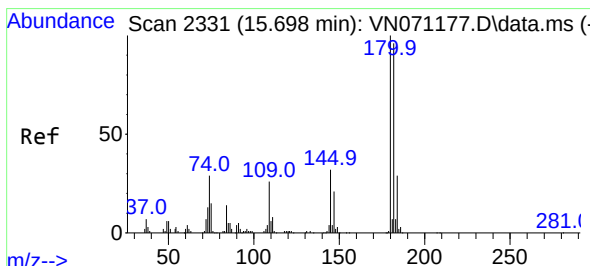
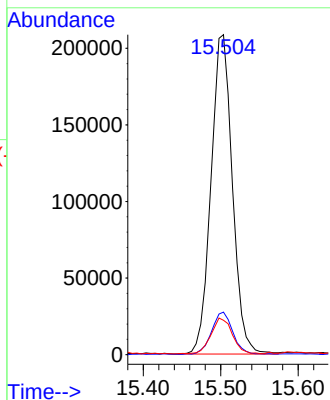
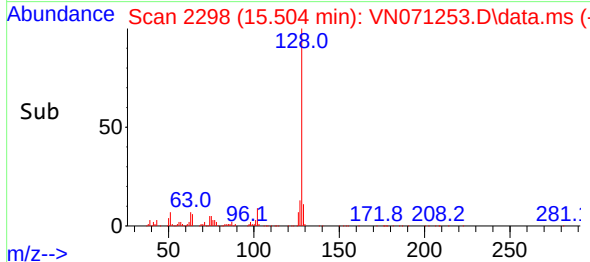
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS03



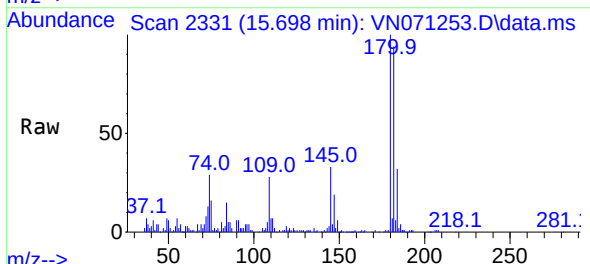
Tgt Ion:128 Resp: 40017
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.746 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071253.D
Acq: 11 Mar 2022 17:22



Tgt Ion:180 Resp: 126254
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 32.3 15.0 45.1

