

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071243.D
 Acq On : 11 Mar 2022 11:56
 Operator : JC\MD
 Sample : VN0311MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 12 02:15:43 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	8.081	168	649132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1061057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	951322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	400084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	400412	45.007	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.020%		
35) Dibromofluoromethane	8.016	113	301499	45.029	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.060%		
50) Toluene-d8	10.439	98	1193944	44.288	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.580%		
62) 4-Bromofluorobenzene	12.727	95	412146	45.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	119607	16.812	ug/l	100
3) Chloromethane	2.299	50	170012	17.778	ug/l	99
4) Vinyl Chloride	2.440	62	150265	17.235	ug/l	99
5) Bromomethane	2.840	94	87276	18.674	ug/l	99
6) Chloroethane	3.010	64	95261	18.042	ug/l	94
7) Trichlorofluoromethane	3.369	101	196201	17.097	ug/l	96
8) Diethyl Ether	3.822	74	84788	17.266	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	118609	17.854	ug/l	94
10) Methyl Iodide	4.422	142	147304	15.699	ug/l	100
11) Tert butyl alcohol	5.357	59	144245	82.534	ug/l	98
12) 1,1-Dichloroethene	4.181	96	112074	17.222	ug/l	93
13) Acrolein	4.034	56	110132	59.536	ug/l	100
14) Allyl chloride	4.840	41	240632	17.001	ug/l	86
15) Acrylonitrile	5.545	53	437697	84.343	ug/l	99
16) Acetone	4.281	43	379478	87.664	ug/l	94
17) Carbon Disulfide	4.528	76	289042	15.601	ug/l	99
18) Methyl Acetate	4.846	43	231188	20.169	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	437953	17.924	ug/l	100
20) Methylene Chloride	5.093	84	141633	18.147	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	120488	16.927	ug/l	94
22) Diisopropyl ether	6.492	45	499836	17.925	ug/l	90
23) Vinyl Acetate	6.428	43	2145303	90.875	ug/l	98
24) 1,1-Dichloroethane	6.381	63	260263	17.663	ug/l	99
25) 2-Butanone	7.328	43	613469	87.975	ug/l	92
26) 2,2-Dichloropropane	7.316	77	205313	18.061	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	148068	17.526	ug/l	90
28) Bromochloromethane	7.651	49	120023	18.291	ug/l	84
29) Tetrahydrofuran	7.681	42	414808	85.866	ug/l	92
30) Chloroform	7.816	83	250984	17.859	ug/l	99
31) Cyclohexane	8.092	56	243793	17.160	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	212056	17.714	ug/l	95
36) 1,1-Dichloropropene	8.216	75	188106	17.534	ug/l	97
37) Ethyl Acetate	7.404	43	244141	16.536	ug/l	98
38) Carbon Tetrachloride	8.204	117	182786	17.615	ug/l	97
39) Methylcyclohexane	9.457	83	218810	17.338	ug/l	94
40) Benzene	8.457	78	571212	17.672	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	117488	16.261	ug/l	94
42) 1,2-Dichloroethane	8.528	62	205134	18.238	ug/l	99
43) Isopropyl Acetate	8.551	43	431379	19.538	ug/l #	91
44) Trichloroethene	9.210	130	136192	17.858	ug/l	98
45) 1,2-Dichloropropane	9.486	63	153409	17.681	ug/l	99
46) Dibromomethane	9.569	93	96401	18.051	ug/l	95
47) Bromodichloromethane	9.757	83	189927	17.598	ug/l	100
48) Methyl methacrylate	9.557	41	182186	17.806	ug/l #	79
49) 1,4-Dioxane	9.563	88	65685	369.333	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1206656	88.064	ug/l	99
52) Toluene	10.504	92	351559	17.663	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	211062	17.741	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	232431	17.880	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	140875	17.663	ug/l	98
56) Ethyl methacrylate	10.757	69	226898	17.421	ug/l	92
57) 1,3-Dichloropropane	11.039	76	252598	17.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	340303	138.366	ug/l	94
59) 2-Hexanone	11.080	43	873793	93.463	ug/l	100
60) Dibromochloromethane	11.233	129	145030	18.302	ug/l	99
61) 1,2-Dibromoethane	11.339	107	142532	17.486	ug/l	100
64) Tetrachloroethene	10.975	164	119545	18.018	ug/l	97
65) Chlorobenzene	11.763	112	368165	18.021	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	138723	18.518	ug/l	98
67) Ethyl Benzene	11.839	91	661928	18.324	ug/l	99
68) m/p-Xylenes	11.951	106	500632	37.884	ug/l	97
69) o-Xylene	12.274	106	249388	18.827	ug/l	98
70) Styrene	12.292	104	394306	19.230	ug/l	97
71) Bromoform	12.451	173	106522	18.724	ug/l #	100
73) Isopropylbenzene	12.574	105	635002	16.465	ug/l	100
74) N-amyl acetate	12.380	43	255732	17.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	222344	17.748	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	195899m	18.420	ug/l	
77) Bromobenzene	12.857	156	148940	16.561	ug/l	80
78) n-propylbenzene	12.916	91	711638	17.195	ug/l	97
79) 2-Chlorotoluene	13.004	91	446351	16.801	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	522231	17.404	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	63844	17.250	ug/l	94
82) 4-Chlorotoluene	13.104	91	417845	17.658	ug/l	93
83) tert-Butylbenzene	13.321	119	462307	17.265	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	516839	17.983	ug/l	100
85) sec-Butylbenzene	13.498	105	615654	17.298	ug/l	99
86) p-Isopropyltoluene	13.610	119	503974	18.005	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	252205	17.259	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	245183	17.165	ug/l	98
89) n-Butylbenzene	13.939	91	384927	17.582	ug/l	96
90) Hexachloroethane	14.204	117	87193	15.664	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	245955	17.507	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38947	17.356	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	106182	18.215	ug/l	98
94) Hexachlorobutadiene	15.362	225	68897	17.469	ug/l	98
95) Naphthalene	15.504	128	269839	18.289	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	102076	18.095	ug/l	99

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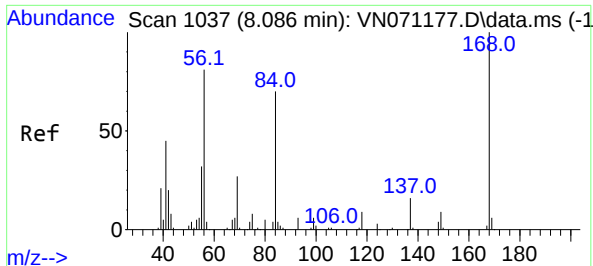
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



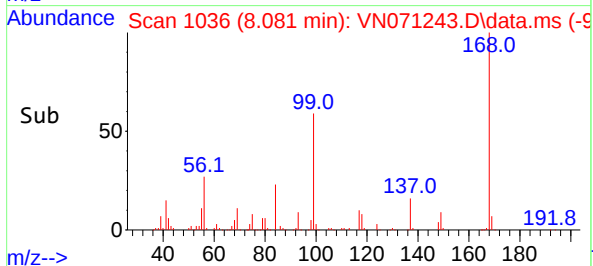
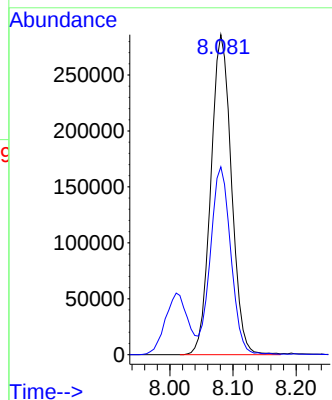
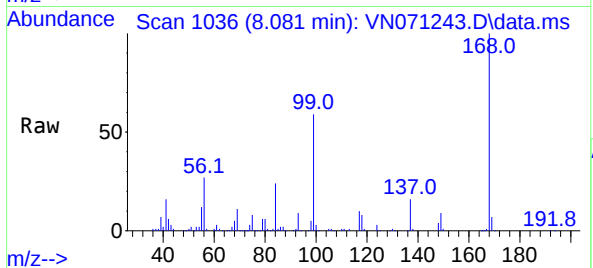
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN071243.D
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ClientSampleId :
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Tgt Ion:168 Resp: 64913
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9

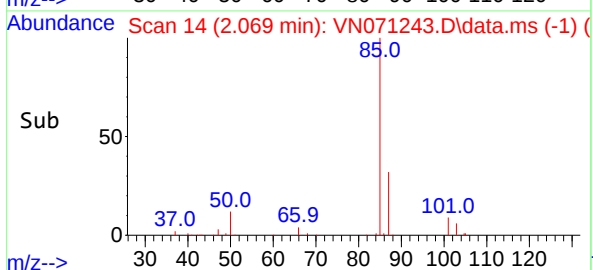
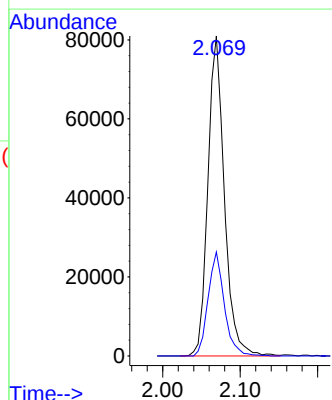
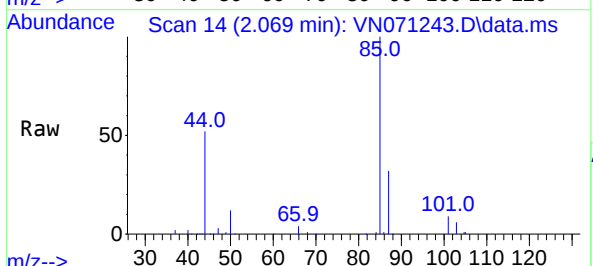
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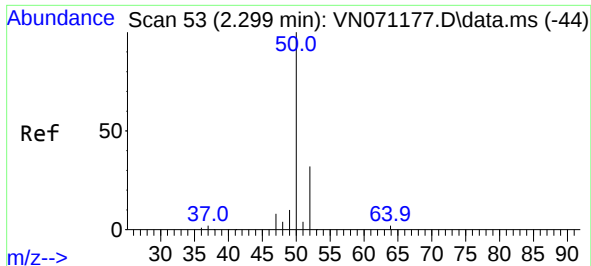
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#2
Dichlorodifluoromethane
Concen: 16.812 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

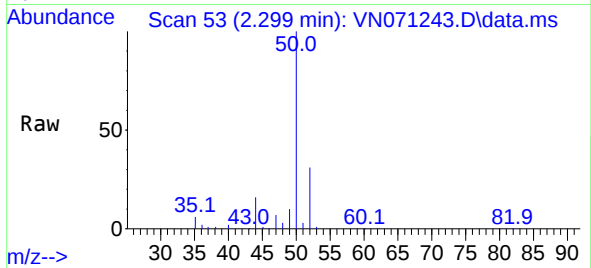
Tgt Ion: 85 Resp: 119607
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 17.778 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

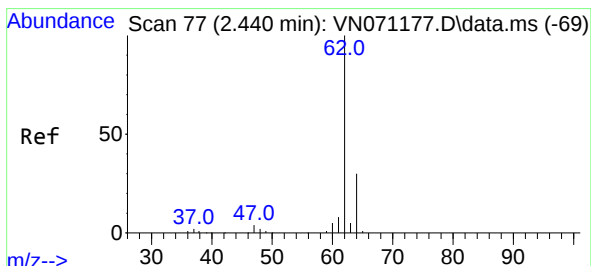
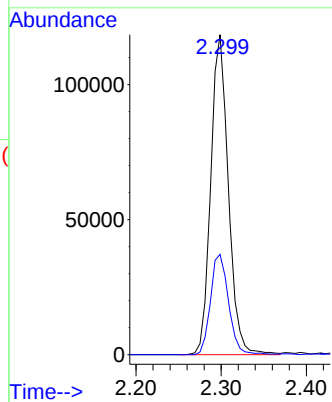
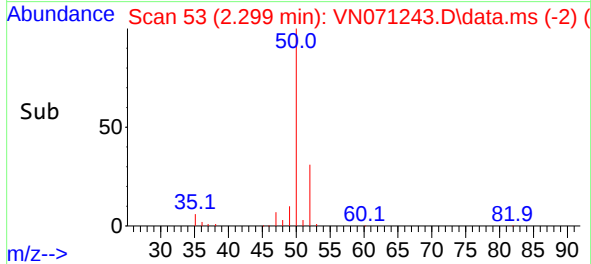
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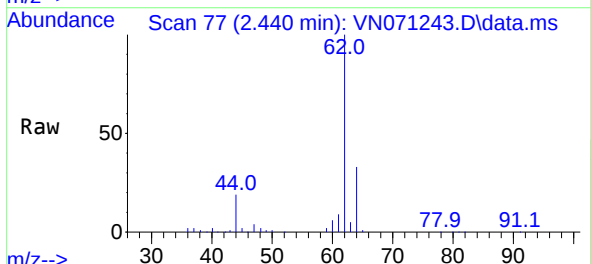
Tgt Ion: 50 Resp: 170012
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0

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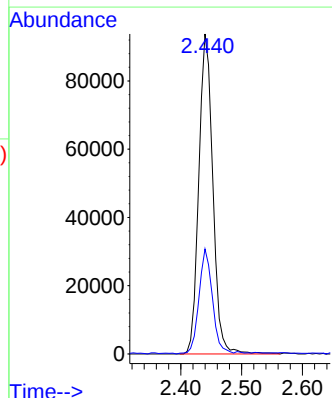
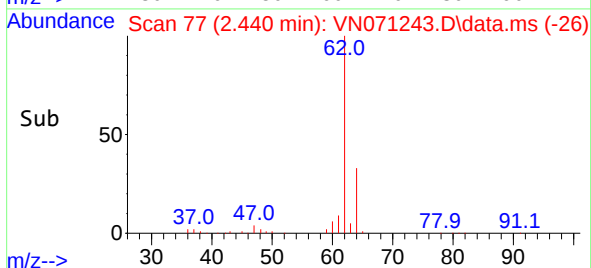
Reviewed By :John Carlone 03/14/2022
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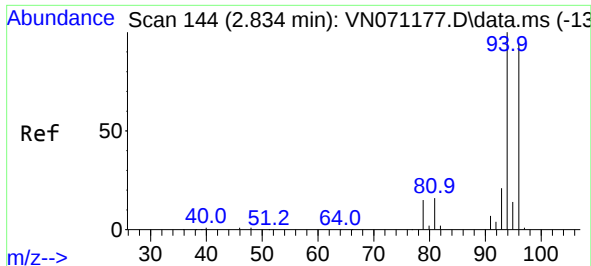


#4
Vinyl Chloride
Concen: 17.235 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



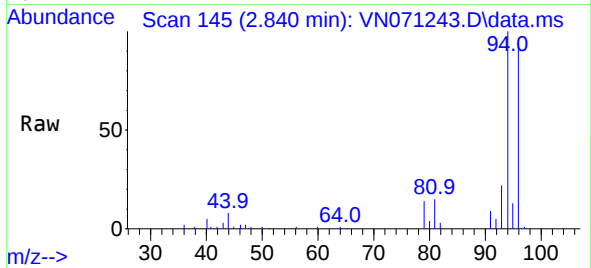
Tgt Ion: 62 Resp: 150265
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





#5
Bromomethane
Concen: 18.674 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN071243.D
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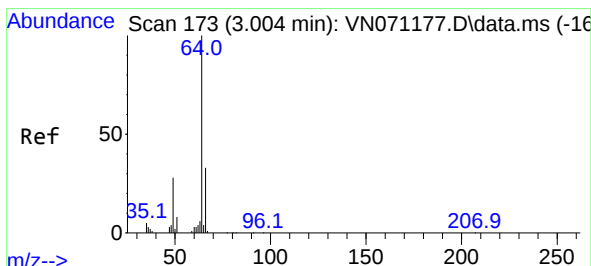
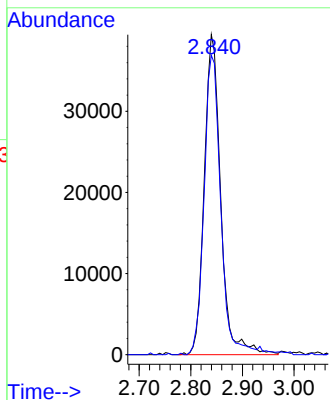
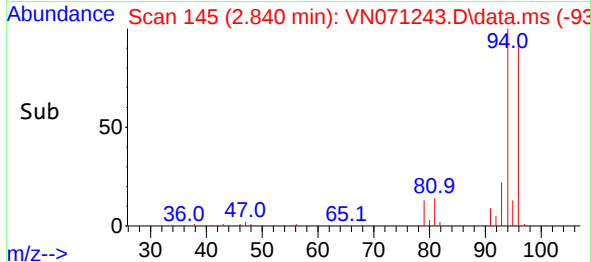
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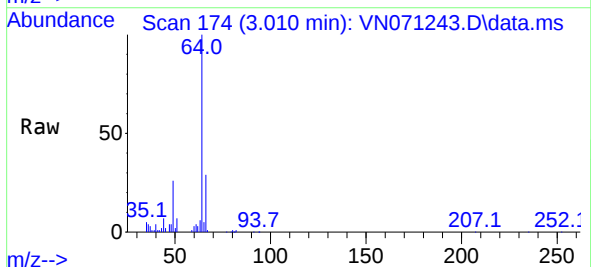
Tgt Ion: 94 Resp: 87270
Ion Ratio Lower Upper
94 100
96 93.5 73.8 110.8

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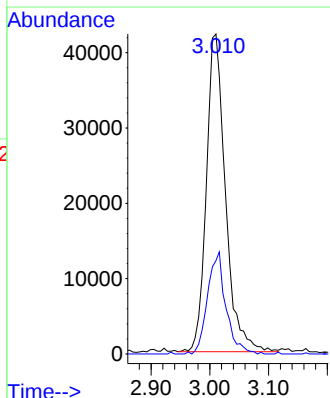
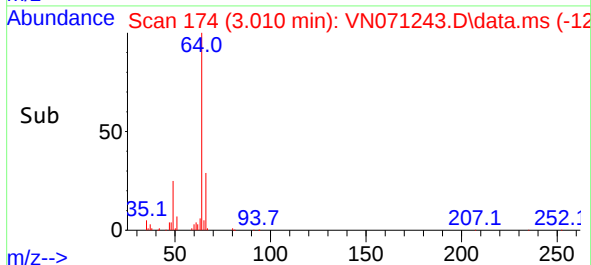
Reviewed By :John Carlone 03/14/2022
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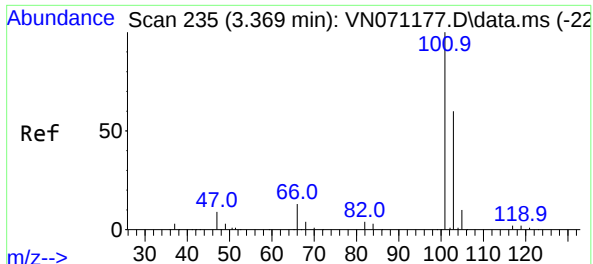


#6
Chloroethane
Concen: 18.042 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071243.D
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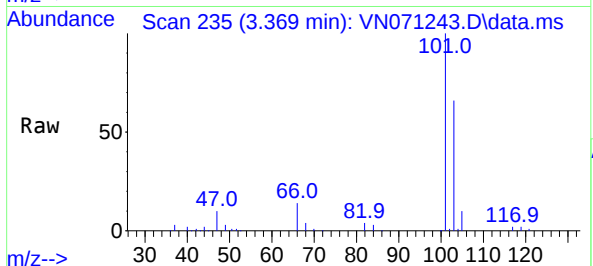
Tgt Ion: 64 Resp: 95261
Ion Ratio Lower Upper
64 100
66 29.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.097 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071243.D
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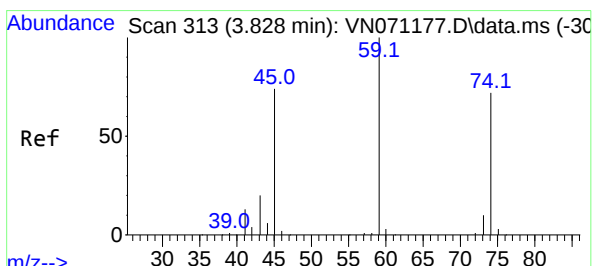
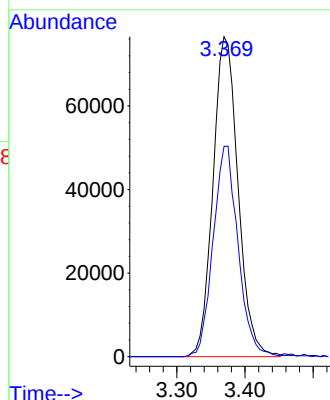
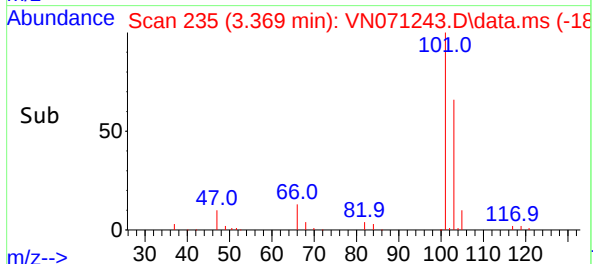
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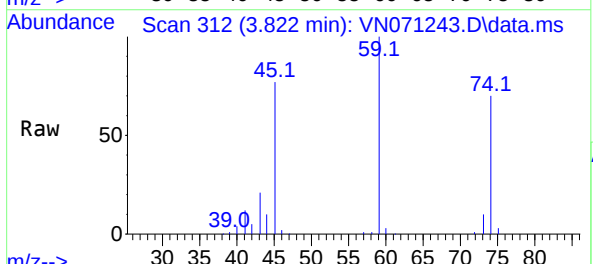
Tgt Ion:101 Resp: 19620
Ion Ratio Lower Upper
101 100
103 65.8 50.1 75.1

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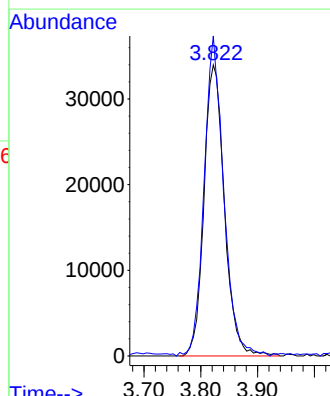
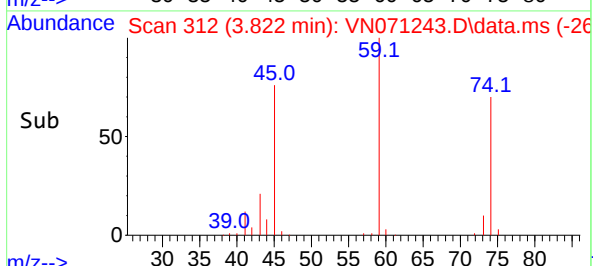
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#8
Diethyl Ether
Concen: 17.266 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 84788
Ion Ratio Lower Upper
74 100
45 105.6 47.0 141.2





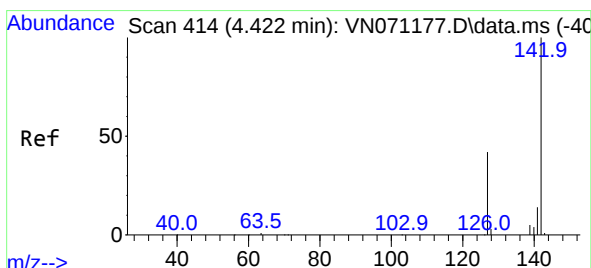
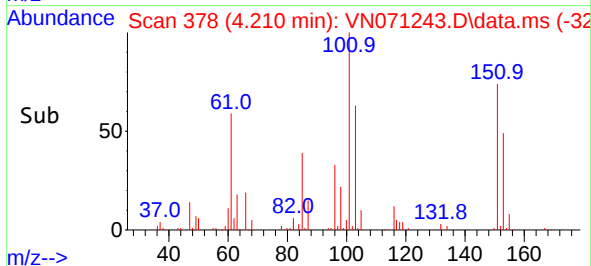
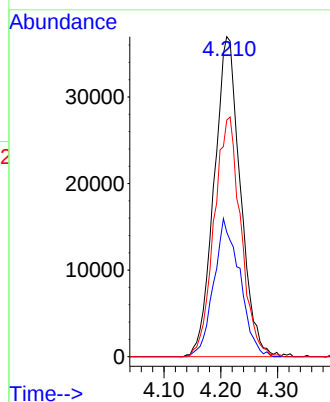
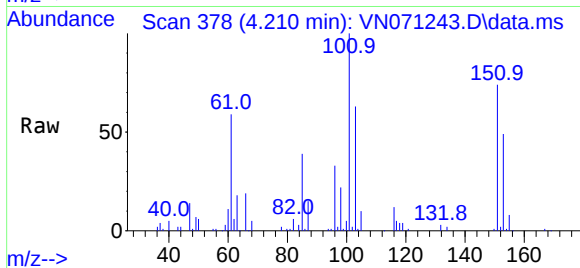
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.854 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071243.D
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Tgt Ion:101 Resp: 118609
Ion Ratio Lower Upper
101 100
85 42.9 37.2 55.8
151 76.2 65.9 98.9

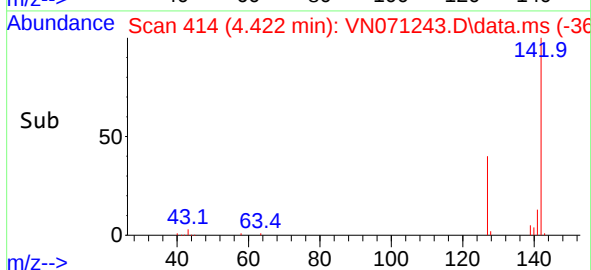
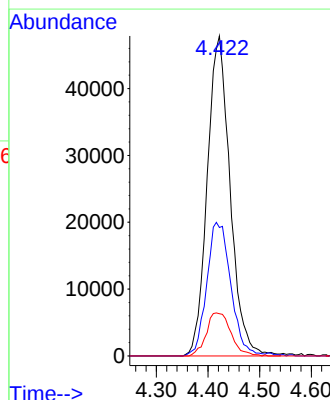
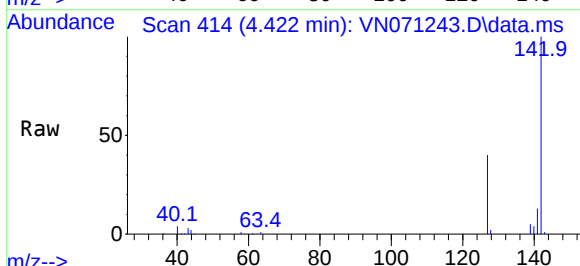
Manual Integrations
APPROVED

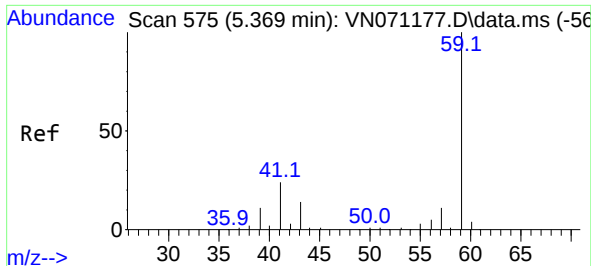
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#10
Methyl Iodide
Concen: 15.699 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Tgt Ion:142 Resp: 147304
Ion Ratio Lower Upper
142 100
127 43.9 35.4 53.0
141 14.5 11.6 17.4





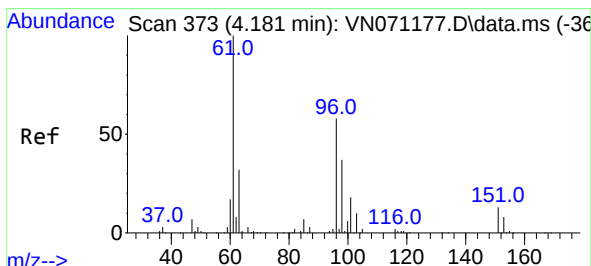
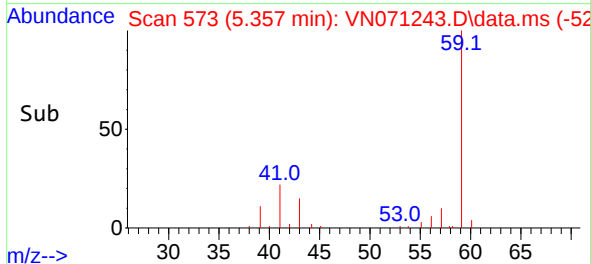
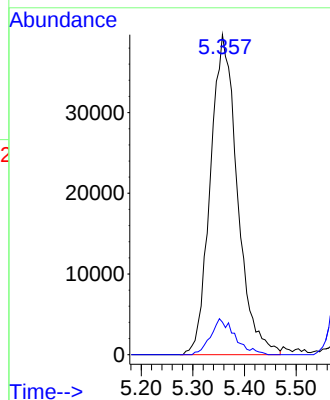
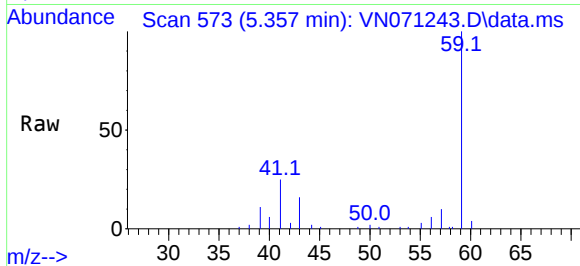
#11
Tert butyl alcohol
Concen: 82.534 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion: 59 Resp: 14424
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

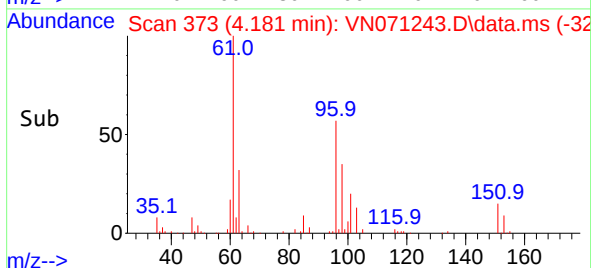
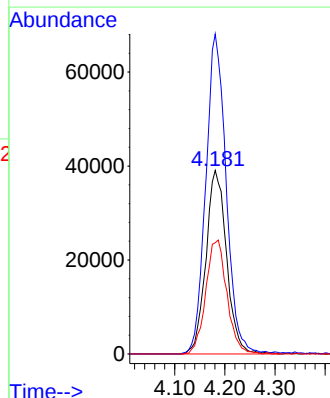
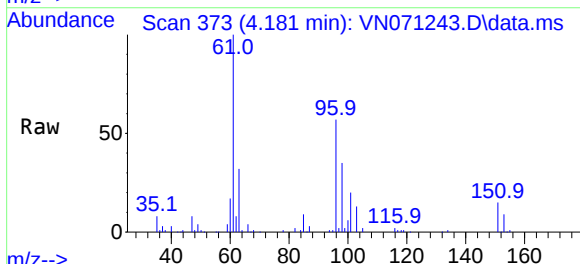
Manual Integrations
APPROVED

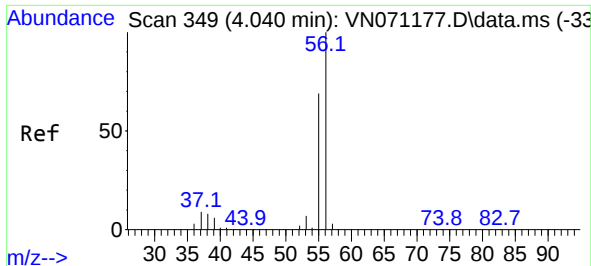
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#12
1,1-Dichloroethene
Concen: 17.222 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

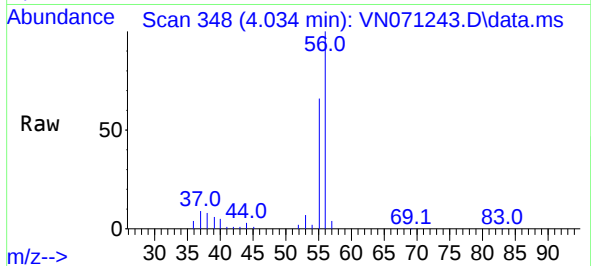
Tgt Ion: 96 Resp: 112074
Ion Ratio Lower Upper
96 100
61 174.4 131.0 196.6
98 60.6 52.4 78.6





#13
Acrolein
Concen: 59.536 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

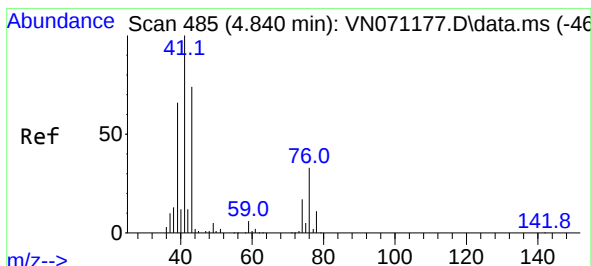
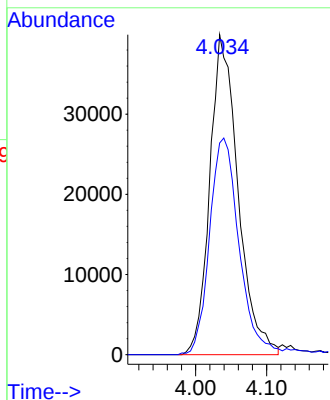
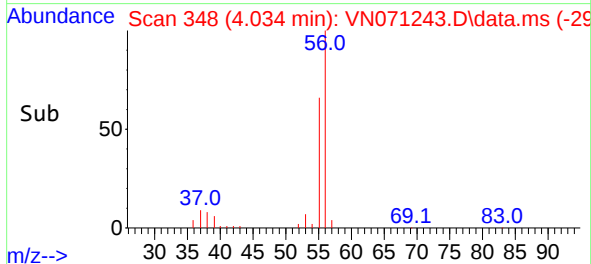
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



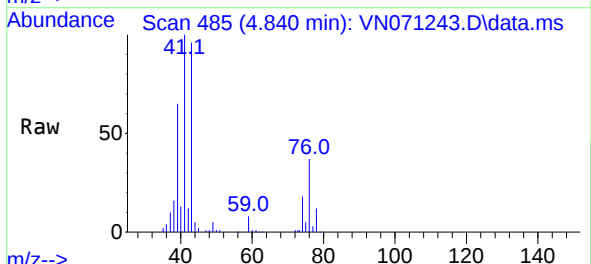
Tgt Ion: 56 Resp: 110132
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

Manual Integrations
APPROVED

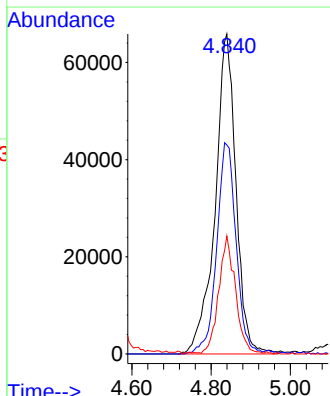
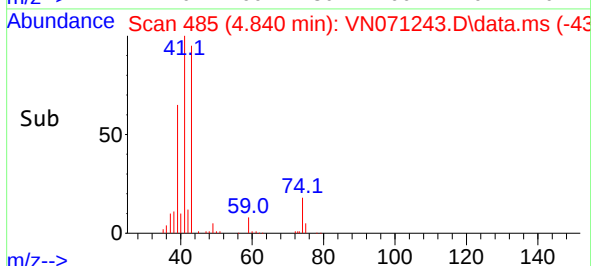
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

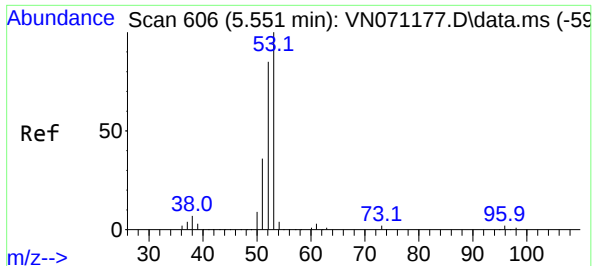


#14
Allyl chloride
Concen: 17.001 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



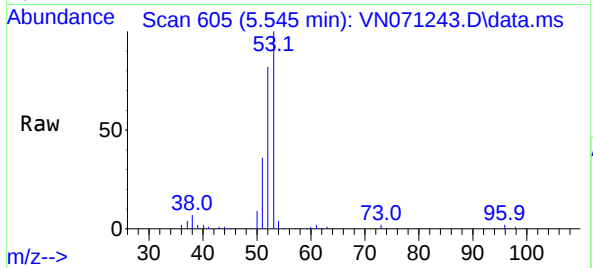
Tgt Ion: 41 Resp: 240632
Ion Ratio Lower Upper
41 100
39 61.3 61.2 91.8
76 28.9 26.0 39.0





#15
Acrylonitrile
Concen: 84.343 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

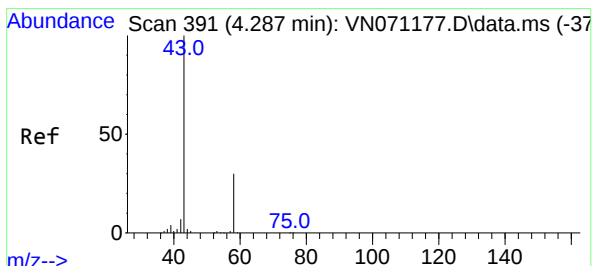
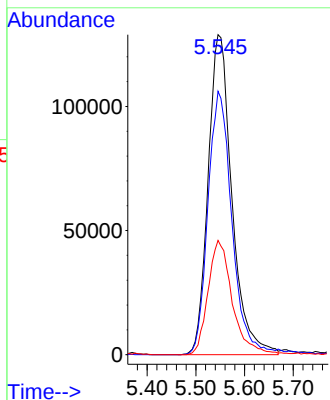
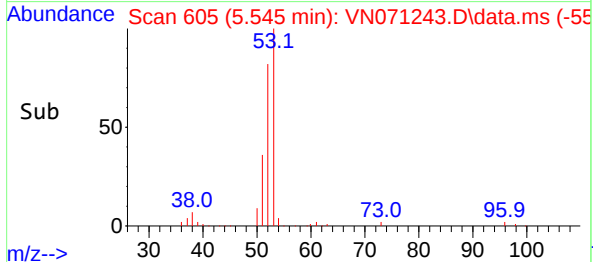
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 53 Resp: 437697
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 36.6 29.6 44.4

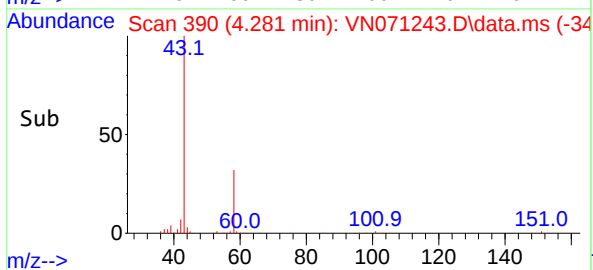
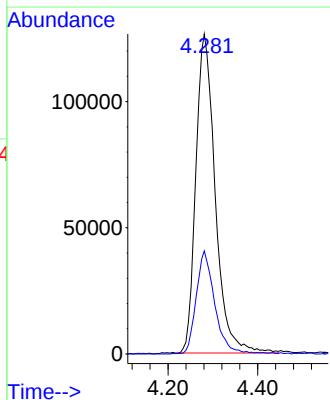
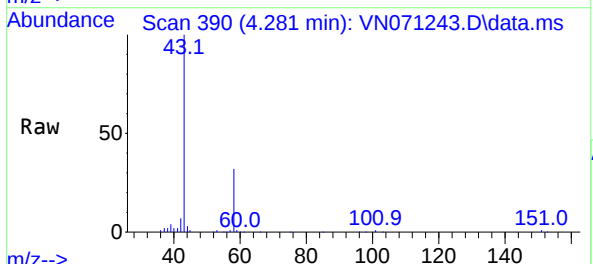
Manual Integrations
APPROVED

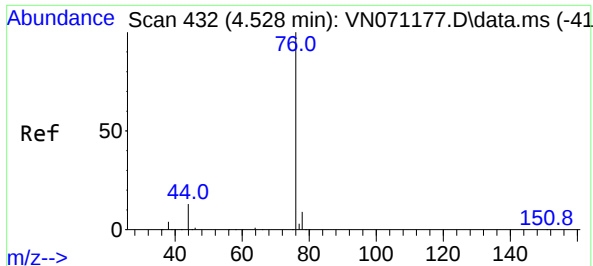
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 87.664 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

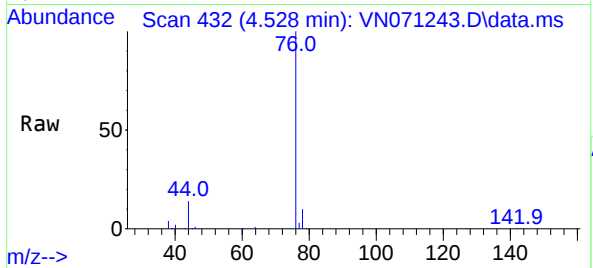
Tgt Ion: 43 Resp: 379478
Ion Ratio Lower Upper
43 100
58 32.2 23.1 34.7





#17
Carbon Disulfide
Concen: 15.601 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

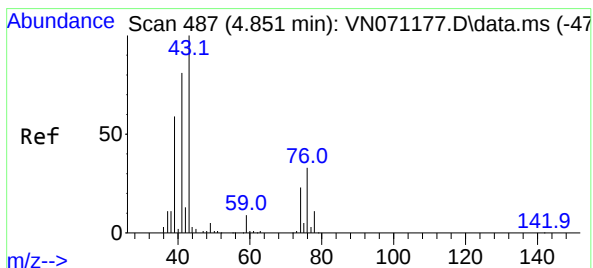
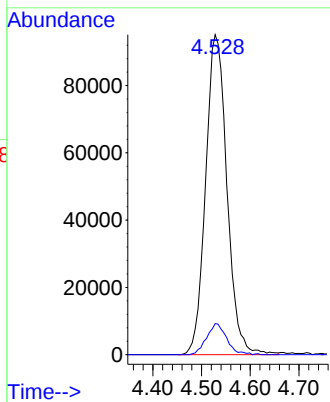
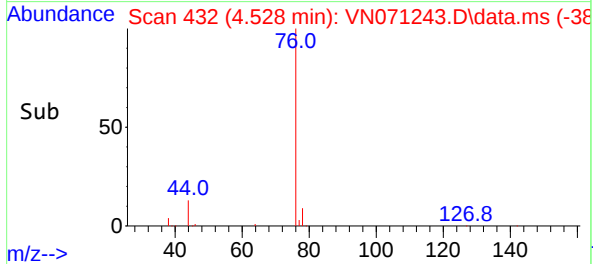
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



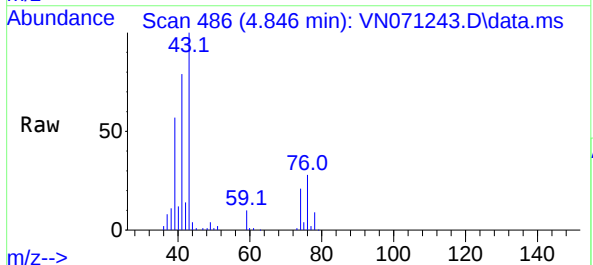
Tgt Ion: 76 Resp: 28904
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

Manual Integrations
APPROVED

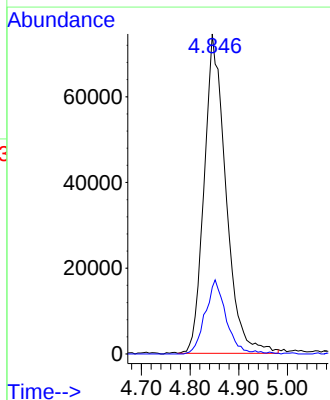
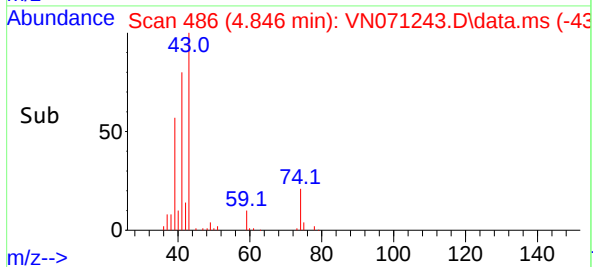
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

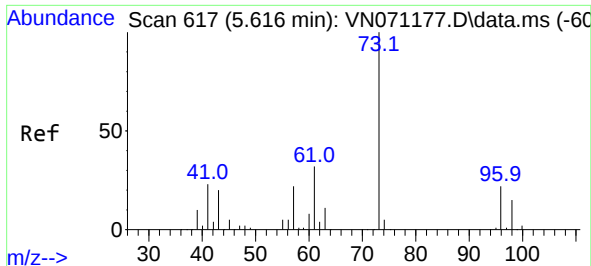


#18
Methyl Acetate
Concen: 20.169 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.005 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



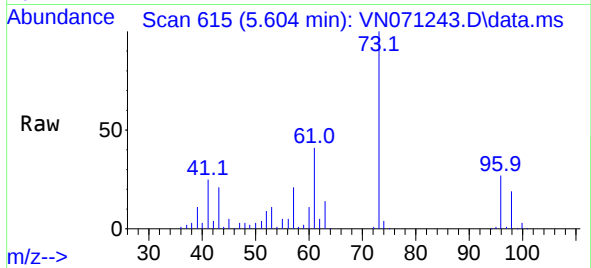
Tgt Ion: 43 Resp: 231188
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 17.924 ug/l
RT: 5.604 min Scan# 615
Delta R.T. -0.012 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

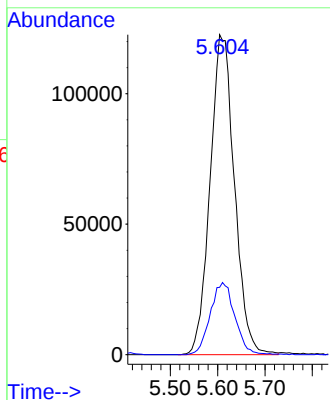
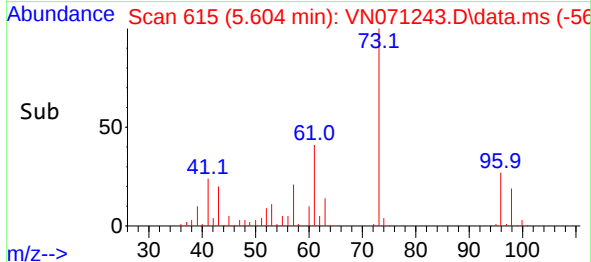
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



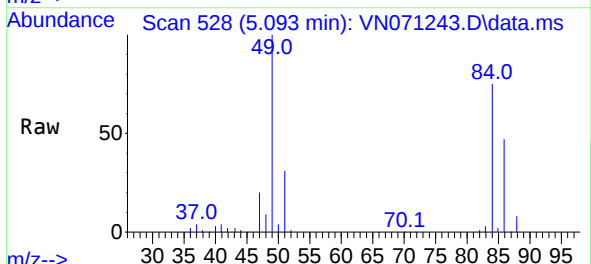
Tgt Ion: 73 Resp: 43795
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2

Manual Integrations
APPROVED

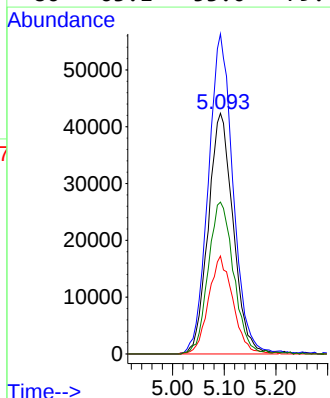
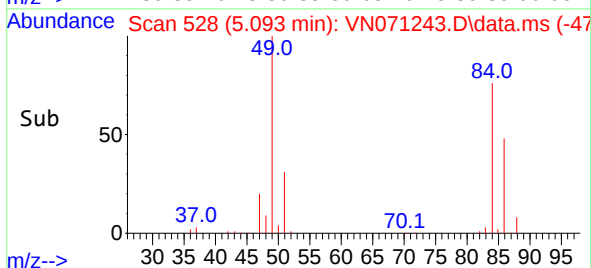
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#20
Methylene Chloride
Concen: 18.147 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



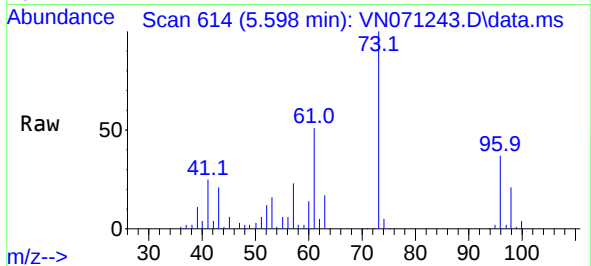
Tgt Ion: 84 Resp: 141633
Ion Ratio Lower Upper
84 100
49 133.0 93.5 140.3
51 40.7 29.4 44.2
86 63.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.927 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

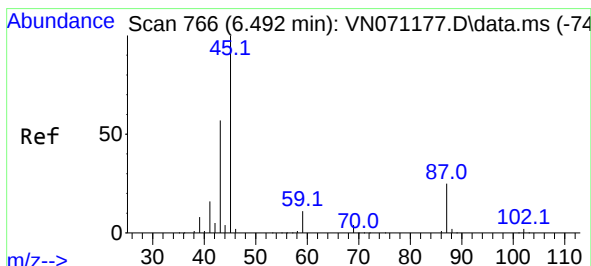
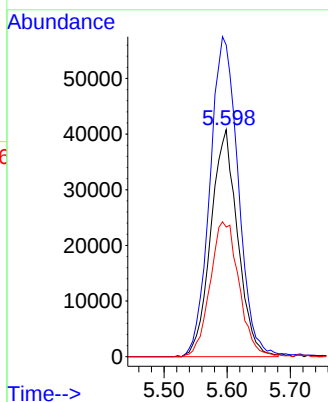
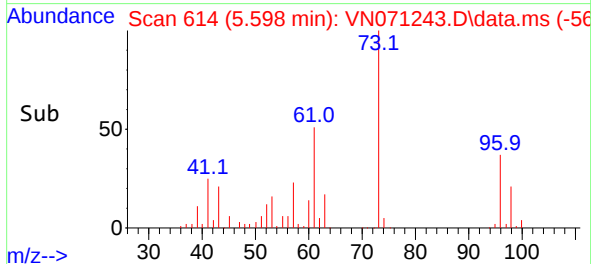
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



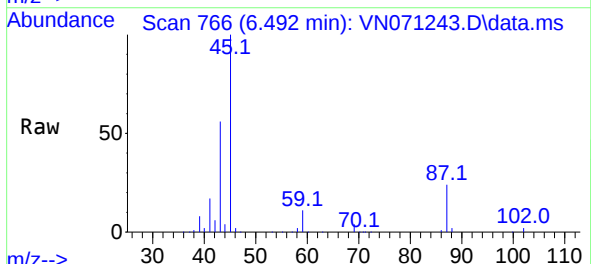
Tgt Ion: 96 Resp: 120488
Ion Ratio Lower Upper
96 100
61 136.8 105.8 158.6
98 57.1 52.0 78.0

Manual Integrations
APPROVED

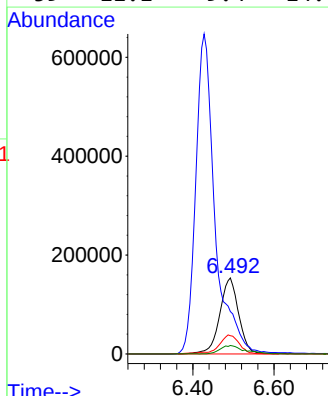
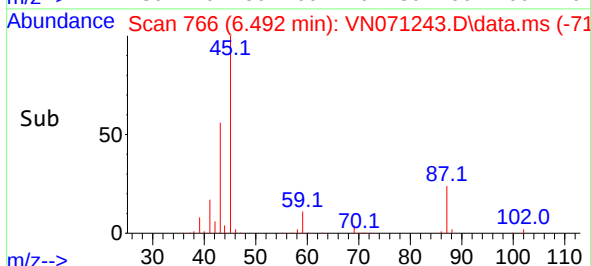
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#22
Diisopropyl ether
Concen: 17.925 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion: 45 Resp: 499836
Ion Ratio Lower Upper
45 100
43 55.0 51.7 77.5
87 23.9 23.2 34.8
59 11.1 9.4 14.0





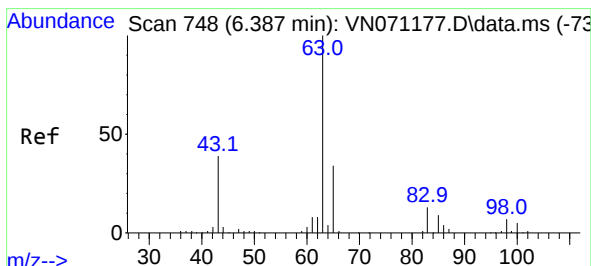
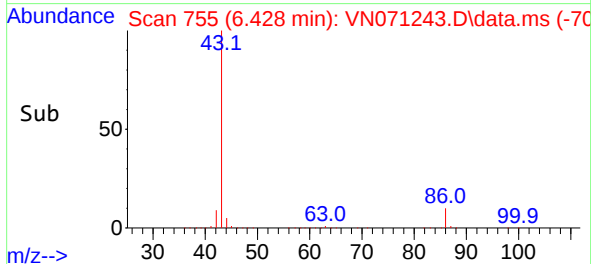
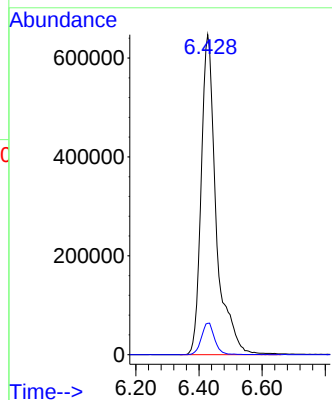
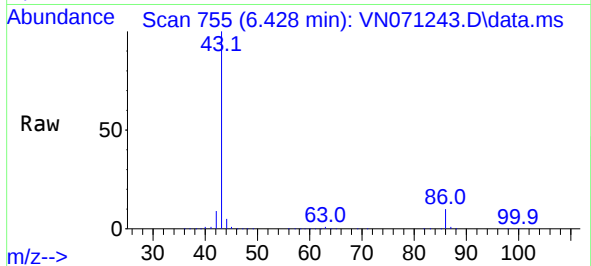
#23
 Vinyl Acetate
 Concen: 90.875 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VN071243.D
 Acq: 11 Mar 2022 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01

Tgt Ion: 43 Resp: 214530
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

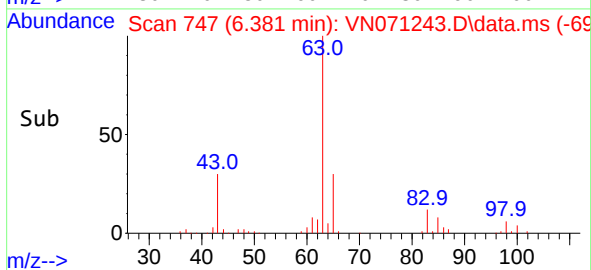
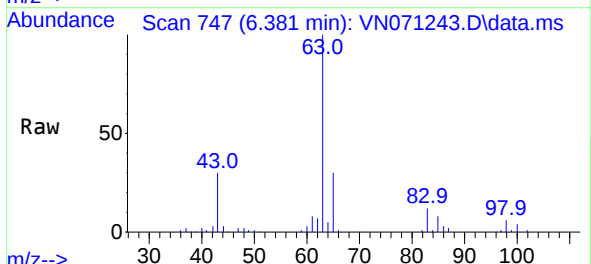
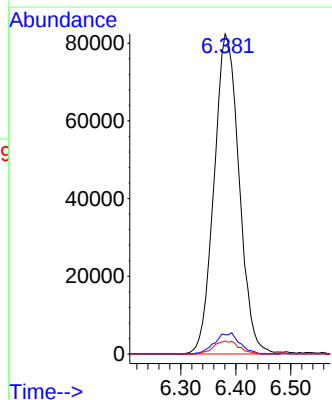
Manual Integrations
 APPROVED

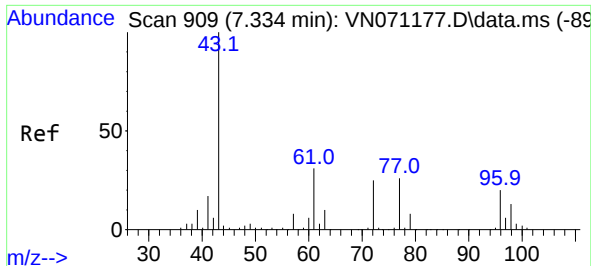
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#24
 1,1-Dichloroethane
 Concen: 17.663 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071243.D
 Acq: 11 Mar 2022 11:56

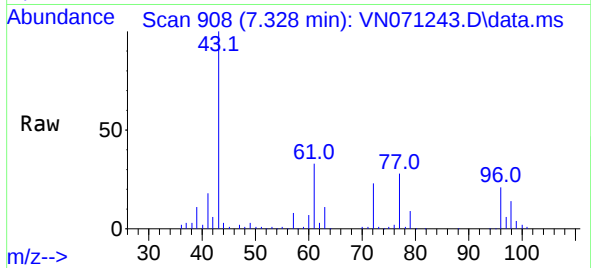
Tgt Ion: 63 Resp: 260263
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 87.975 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

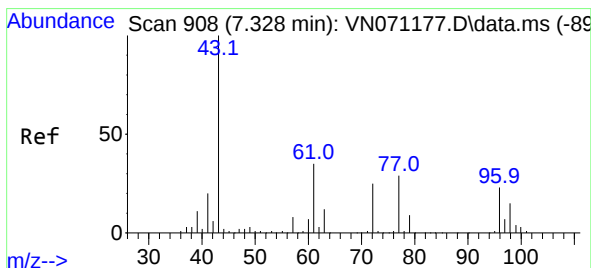
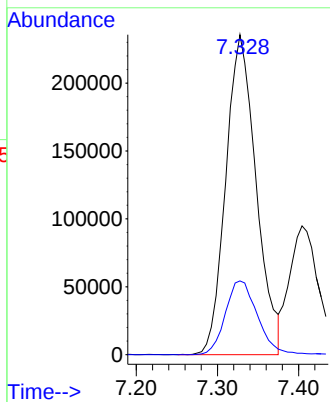
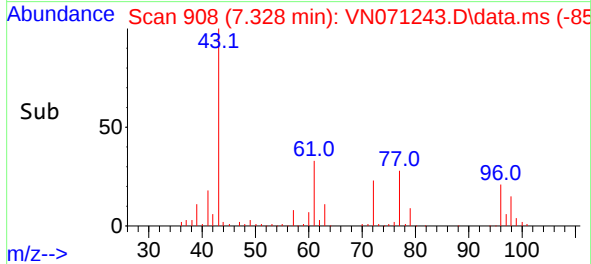
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



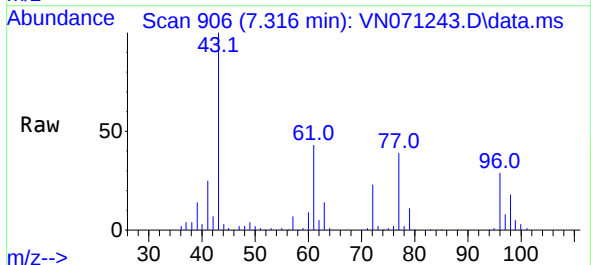
Tgt Ion: 43 Resp: 613469
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

Manual Integrations
APPROVED

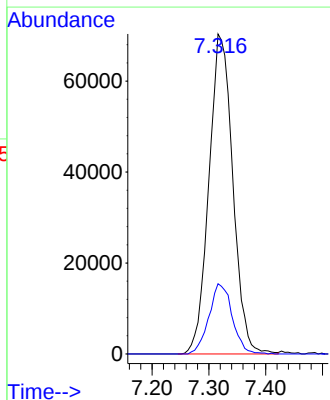
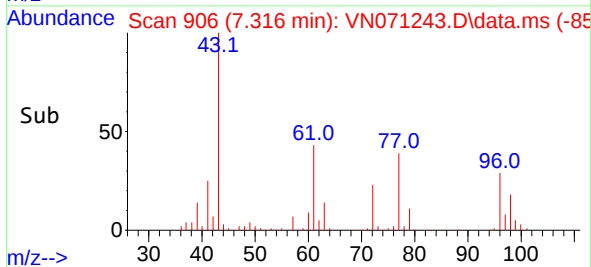
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#26
2,2-Dichloropropane
Concen: 18.061 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.012 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion: 77 Resp: 205313
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 17.526 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071243.D

Acq: 11 Mar 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 96 Resp: 148068

Ion Ratio Lower Upper

96 100

61 154.5 0.0 275.0

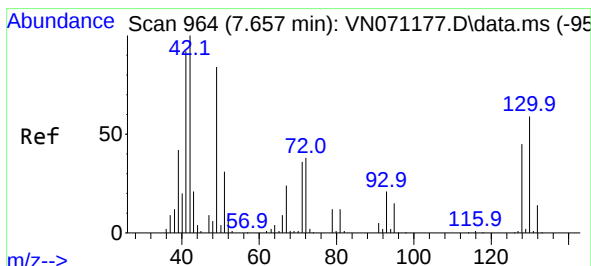
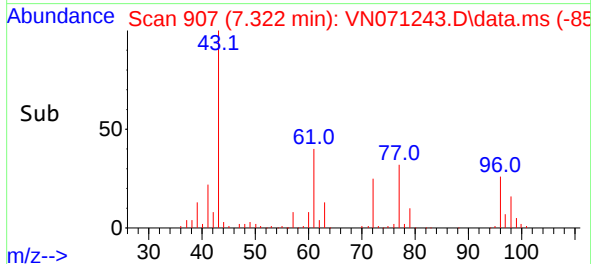
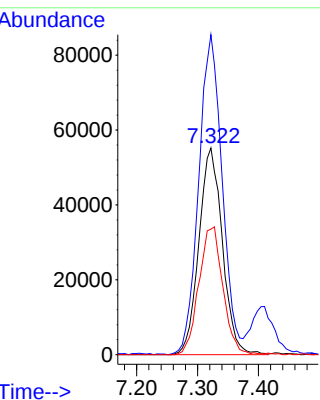
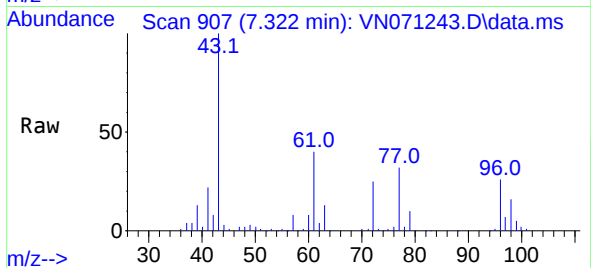
98 63.1 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#28

Bromochloromethane

Concen: 18.291 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.006 min

Lab File: VN071243.D

Acq: 11 Mar 2022 11:56

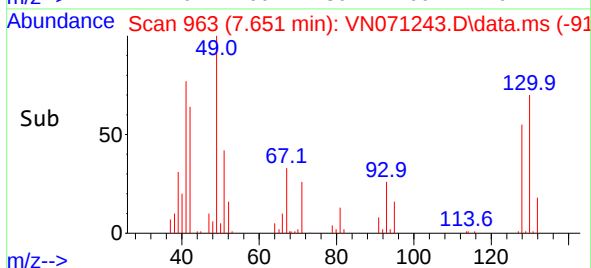
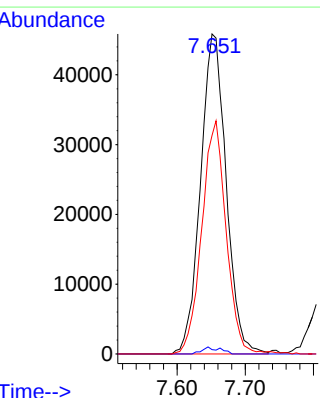
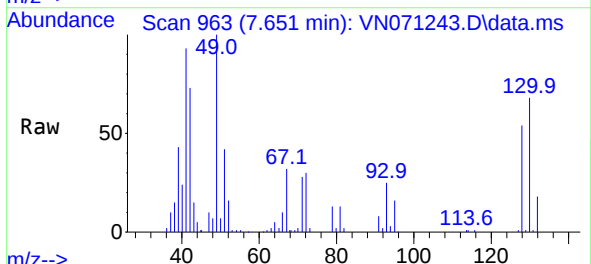
Tgt Ion: 49 Resp: 120023

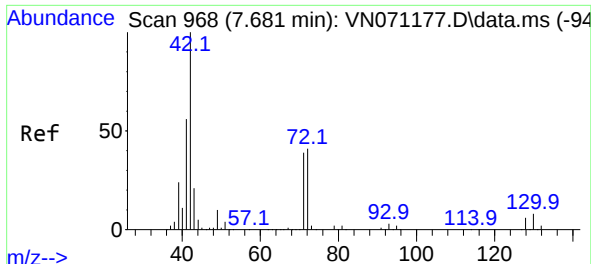
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 69.5 67.8 101.8





#29

Tetrahydrofuran

Concen: 85.866 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071243.D

Acq: 11 Mar 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 42 Resp: 414808

Ion Ratio Lower Upper

42 100

72 40.7 36.3 54.5

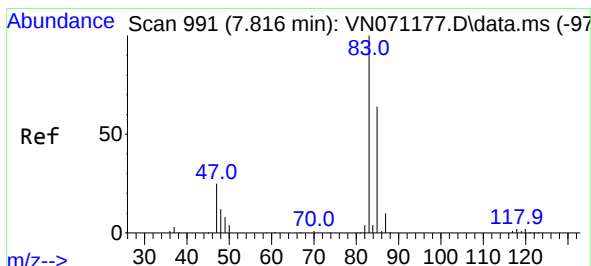
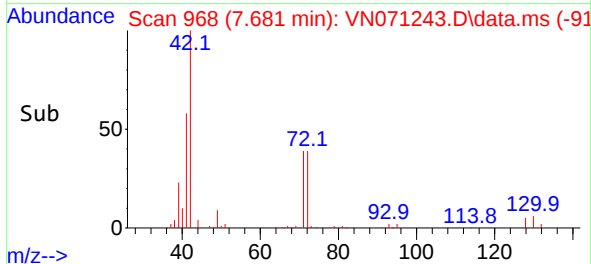
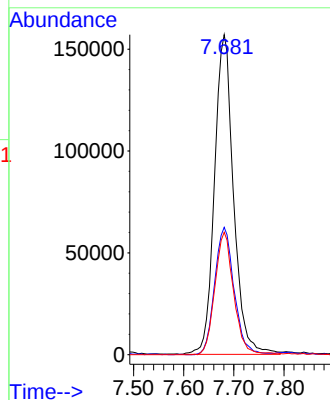
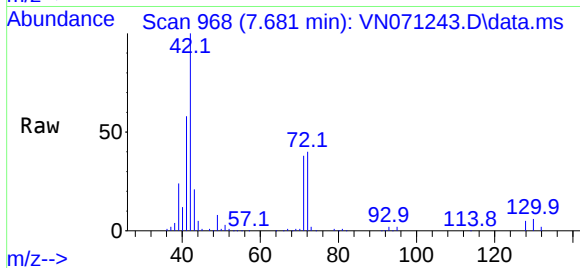
71 37.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#30

Chloroform

Concen: 17.859 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071243.D

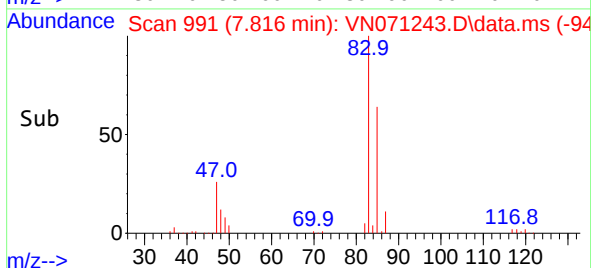
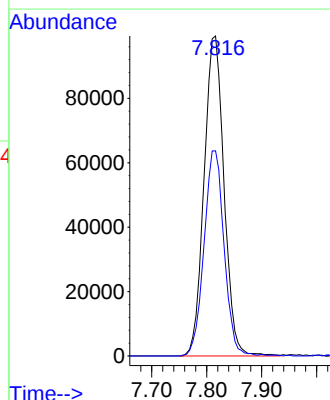
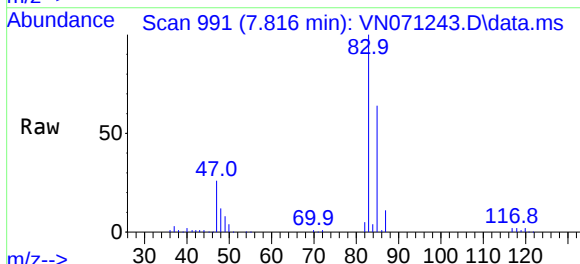
Acq: 11 Mar 2022 11:56

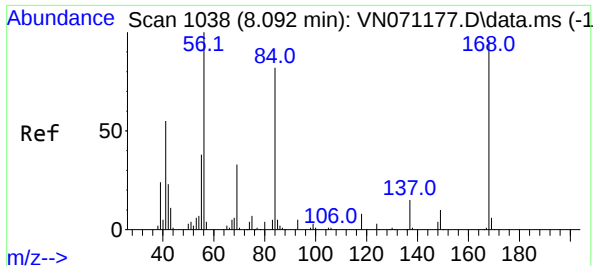
Tgt Ion: 83 Resp: 250984

Ion Ratio Lower Upper

83 100

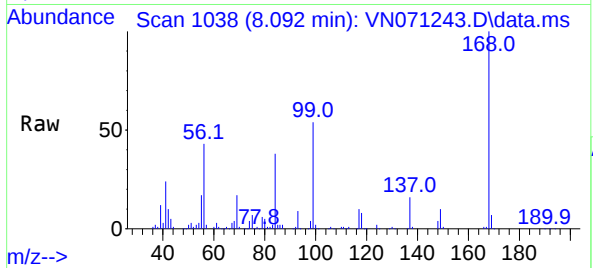
85 64.1 51.9 77.9





#31
Cyclohexane
Concen: 17.160 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

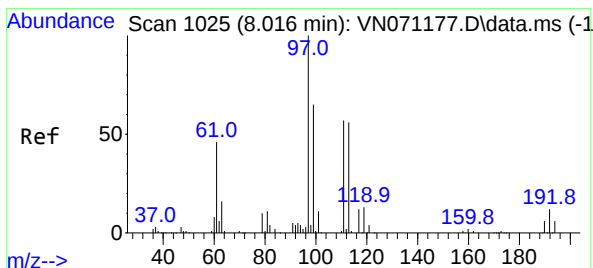
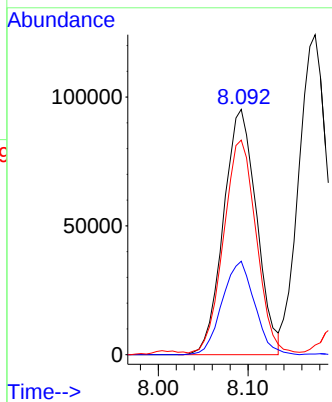
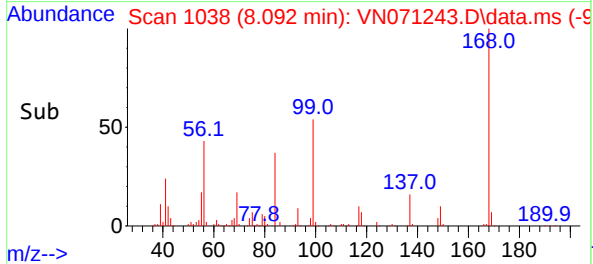
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



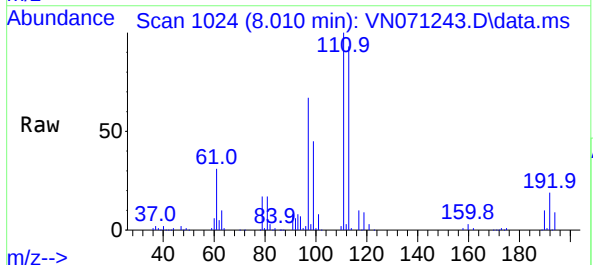
Tgt Ion: 56 Resp: 24379
Ion Ratio Lower Upper
56 100
69 38.1 27.1 40.7
84 86.4 73.4 110.0

Manual Integrations
APPROVED

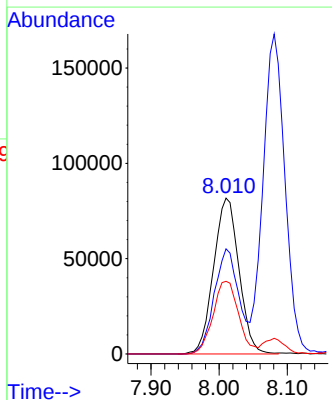
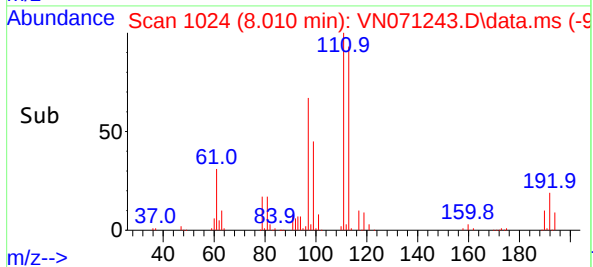
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

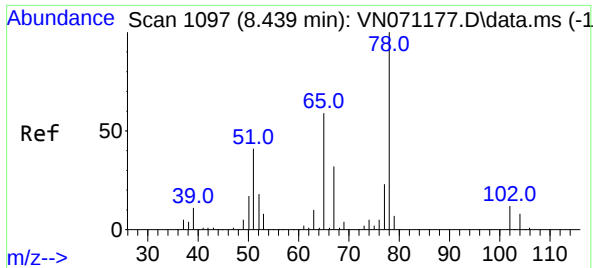


#32
1,1,1-Trichloroethane
Concen: 17.714 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion: 97 Resp: 212056
Ion Ratio Lower Upper
97 100
99 66.5 50.1 75.1
61 47.2 35.2 52.8





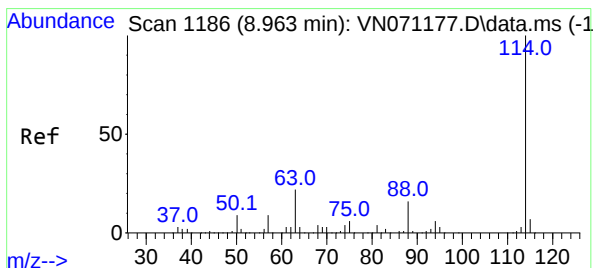
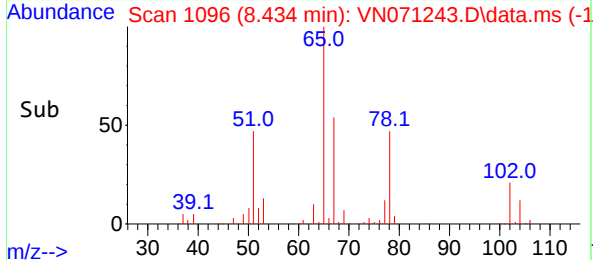
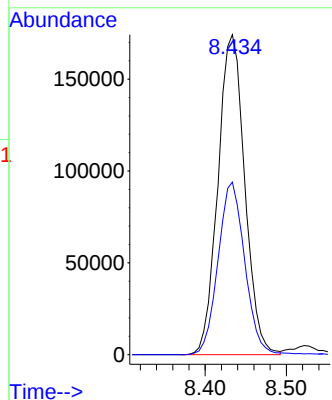
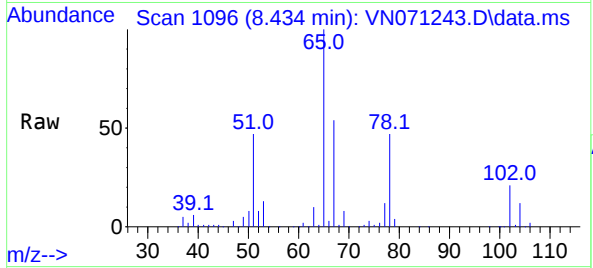
#33
1,2-Dichloroethane-d4
Concen: 45.007 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion: 65 Resp: 400412
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0

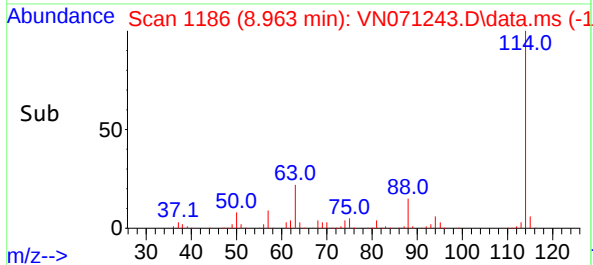
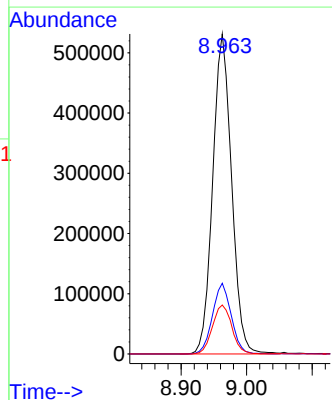
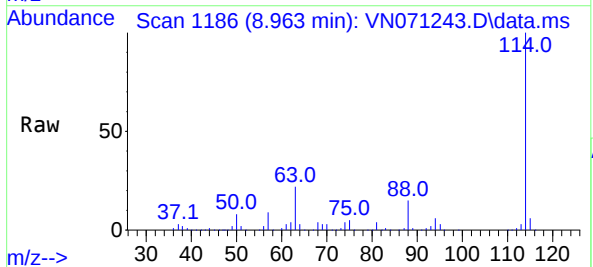
Manual Integrations
APPROVED

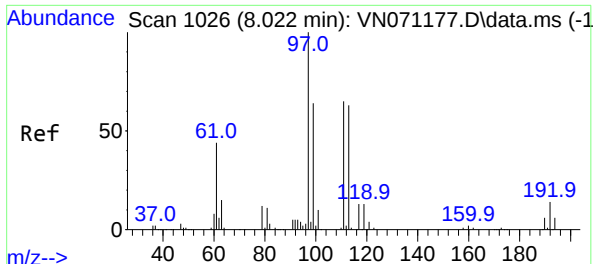
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

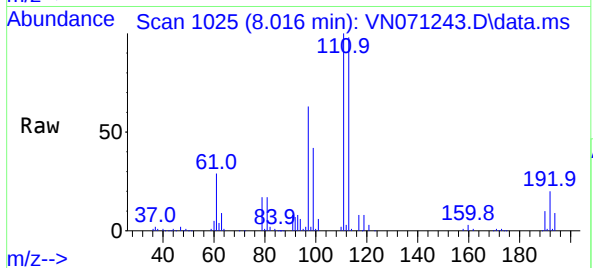
Tgt Ion:114 Resp: 1061057
Ion Ratio Lower Upper
114 100
63 22.1 0.0 37.8
88 15.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.029 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

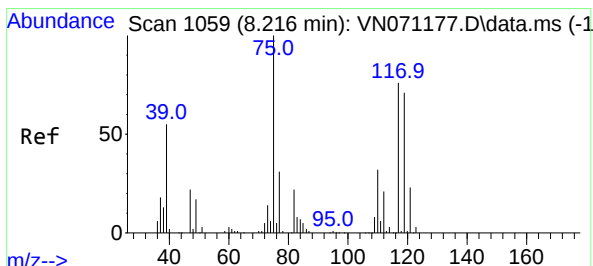
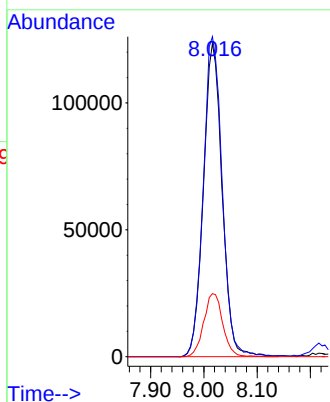
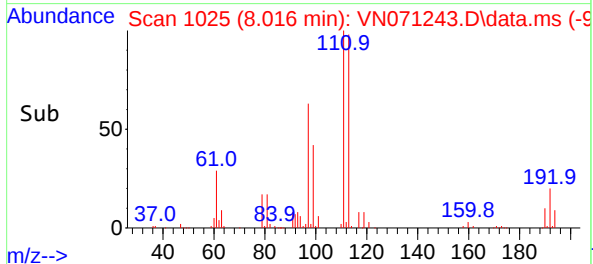
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



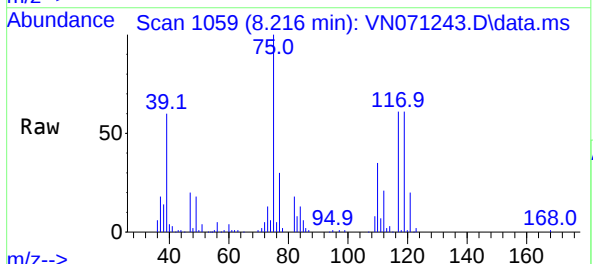
Tgt Ion:113 Resp: 301499
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.4 16.9 25.3

Manual Integrations
APPROVED

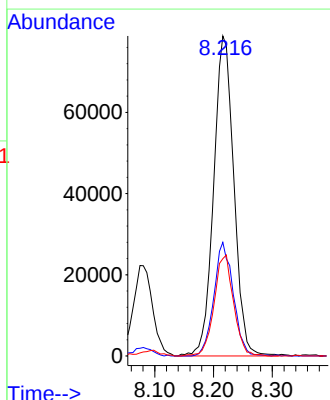
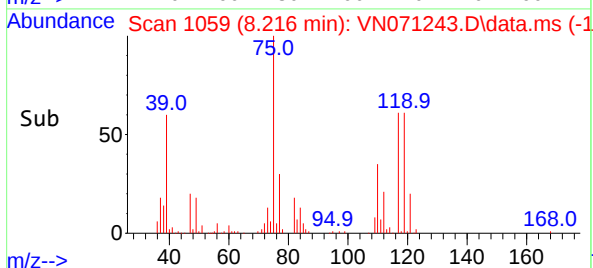
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

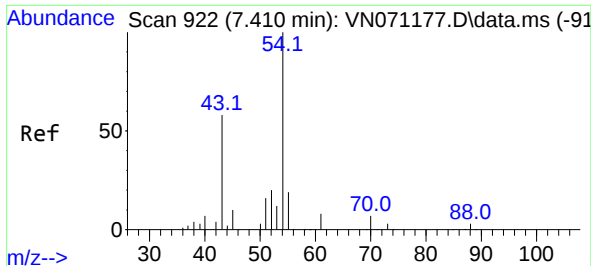


#36
1,1-Dichloropropene
Concen: 17.534 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



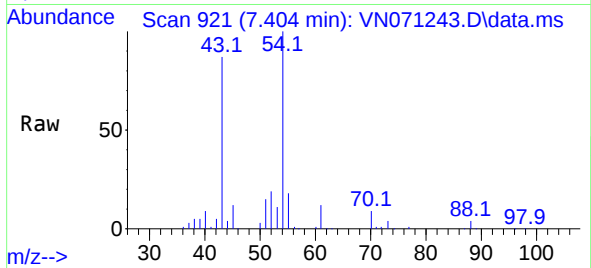
Tgt Ion: 75 Resp: 188106
Ion Ratio Lower Upper
75 100
110 34.1 18.4 55.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 16.536 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

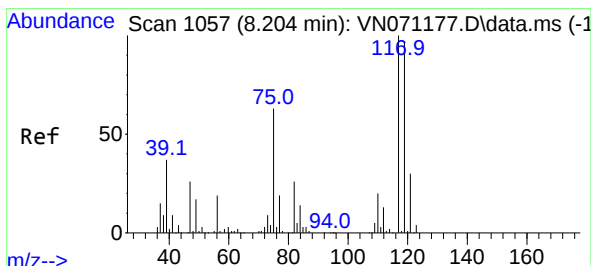
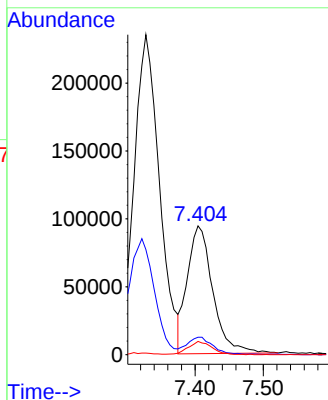
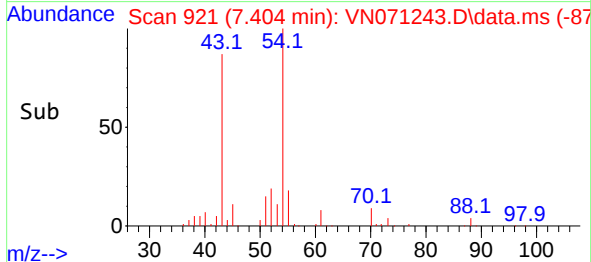
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 43 Resp: 24414
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 9.6 7.9 11.9

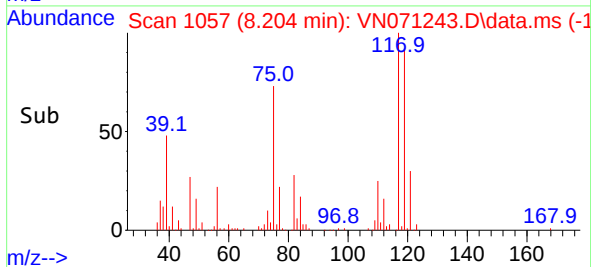
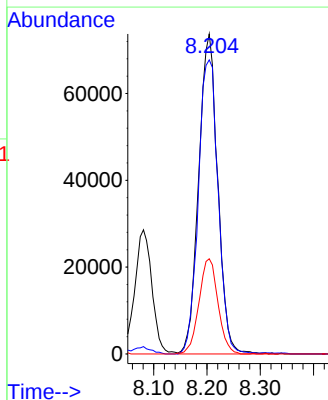
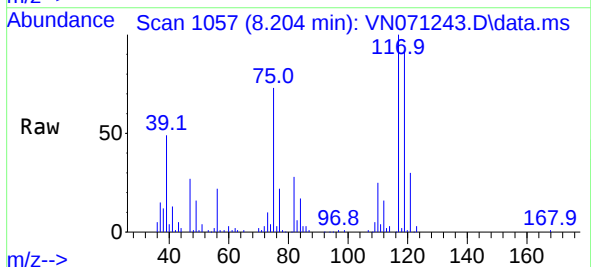
Manual Integrations
APPROVED

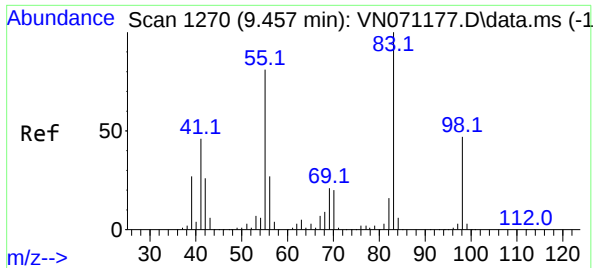
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#38
Carbon Tetrachloride
Concen: 17.615 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

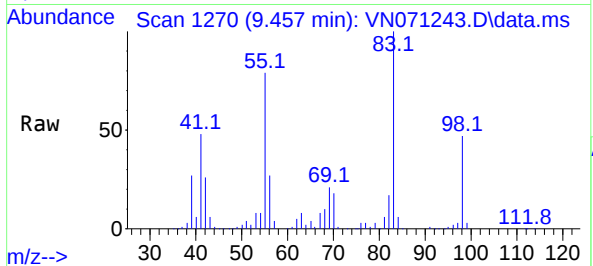
Tgt Ion:117 Resp: 182786
Ion Ratio Lower Upper
117 100
119 91.9 76.1 114.1
121 29.7 24.2 36.2





#39
Methylcyclohexane
Concen: 17.338 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

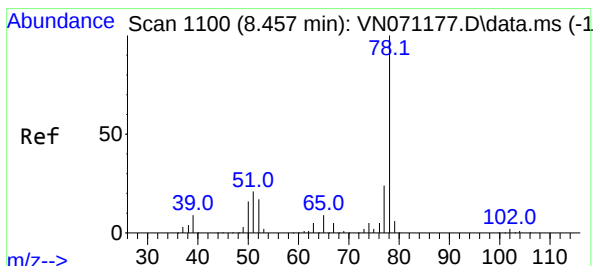
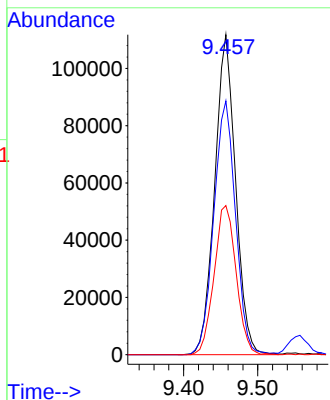
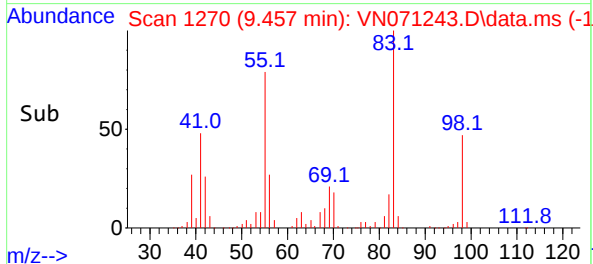
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



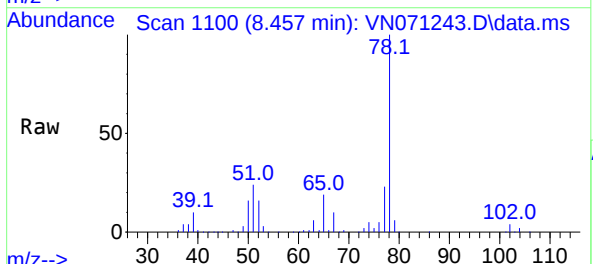
Tgt Ion: 83 Resp: 218810
Ion Ratio Lower Upper
83 100
55 79.3 58.1 87.1
98 46.6 38.4 57.6

Manual Integrations
APPROVED

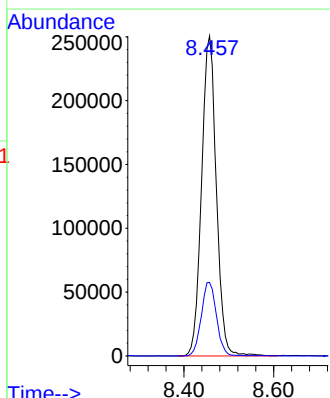
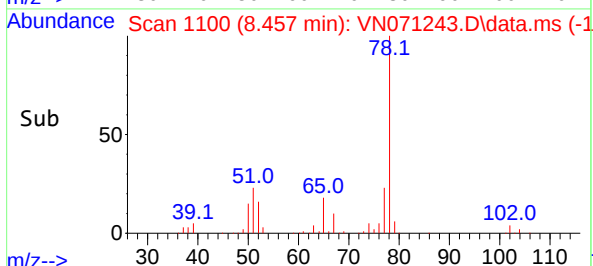
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#40
Benzene
Concen: 17.672 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



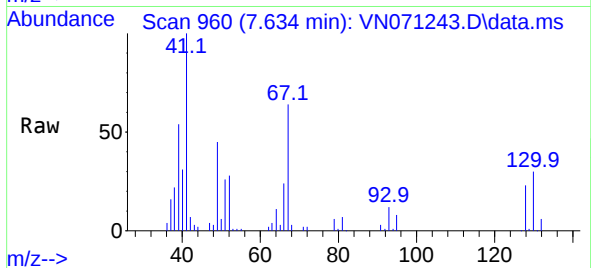
Tgt Ion: 78 Resp: 571212
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8





#41
Methacrylonitrile
Concen: 16.261 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

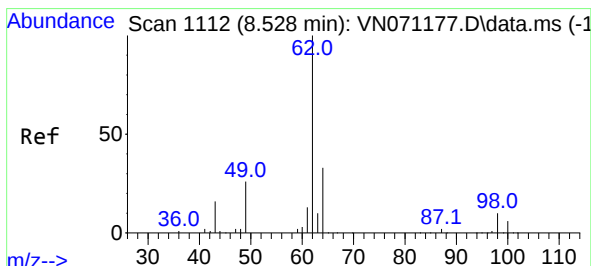
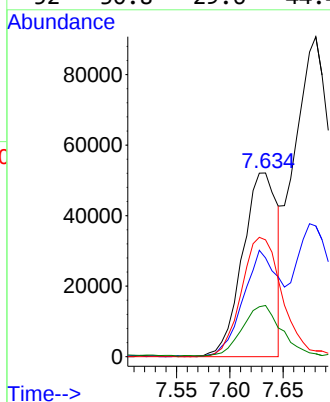
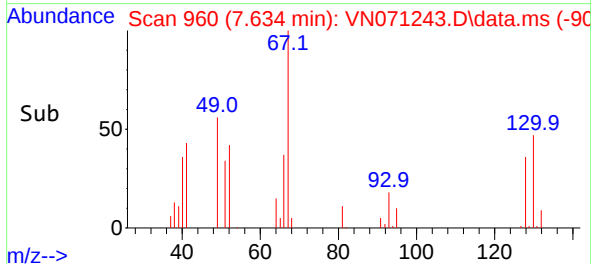
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



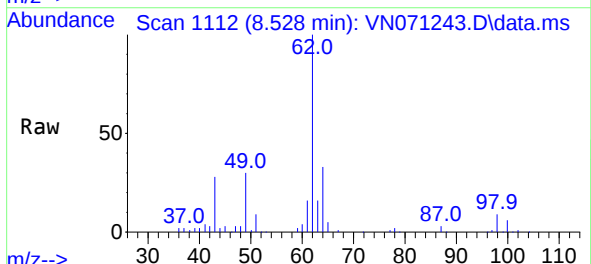
Tgt Ion: 41 Resp: 11748
Ion Ratio Lower Upper
41 100
39 60.6 48.1 72.1
67 77.6 68.3 102.5
52 30.8 29.6 44.4

Manual Integrations
APPROVED

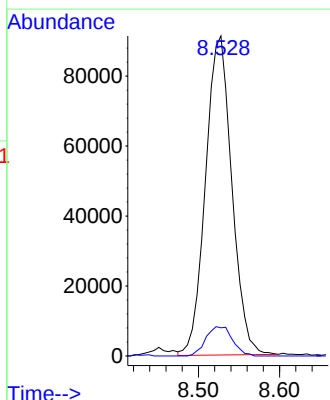
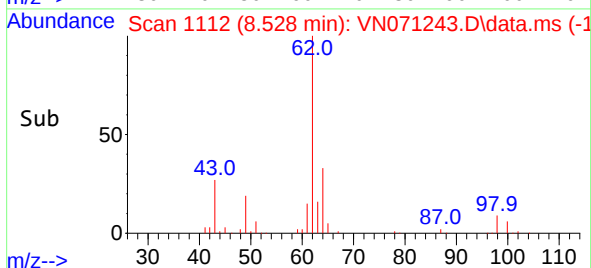
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#42
1,2-Dichloroethane
Concen: 18.238 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



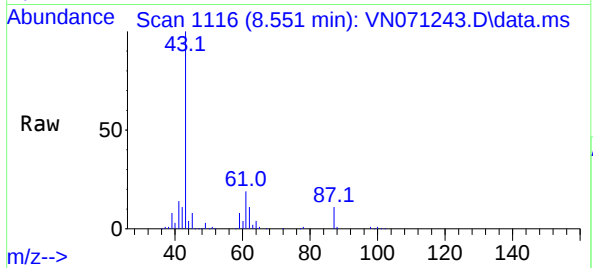
Tgt Ion: 62 Resp: 205134
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.538 ug/l
RT: 8.551 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

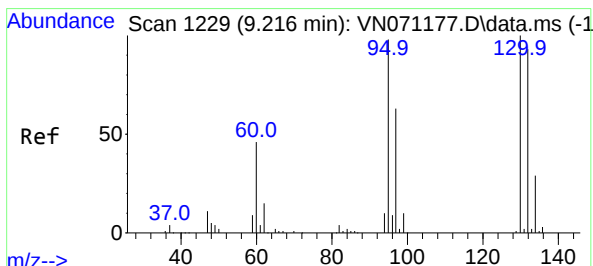
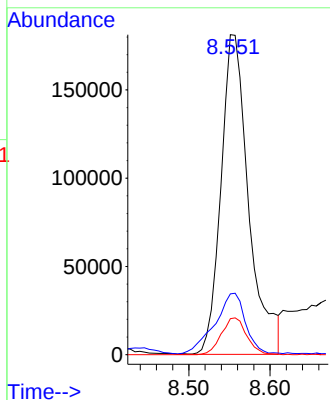
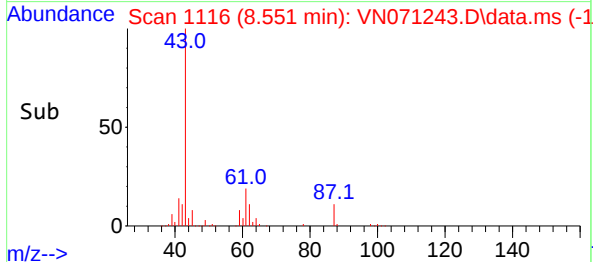
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 43 Resp: 431379
Ion Ratio Lower Upper
43 100
61 21.0 20.4 30.6
87 10.5 11.2 16.8

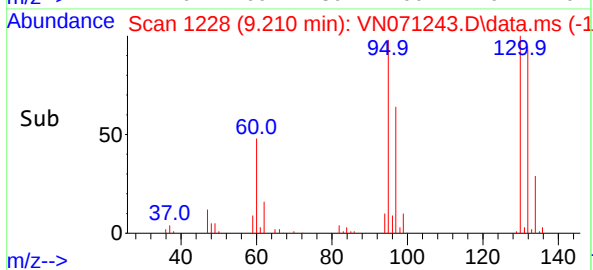
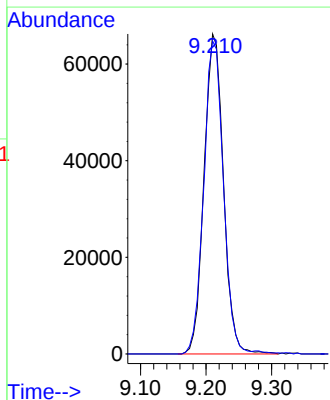
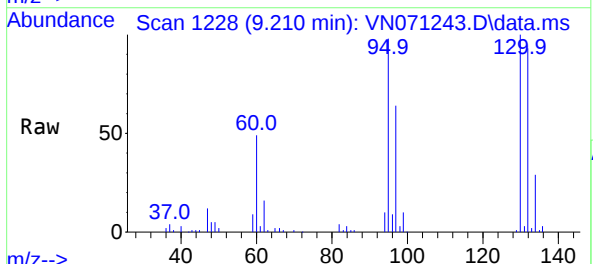
Manual Integrations
APPROVED

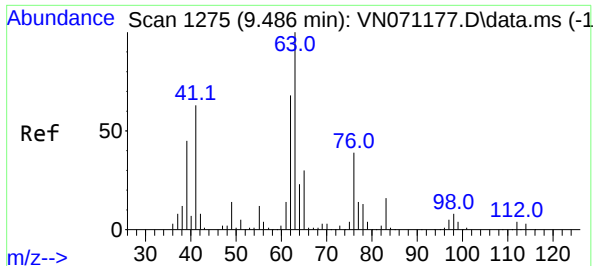
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#44
Trichloroethene
Concen: 17.858 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Tgt Ion:130 Resp: 136192
Ion Ratio Lower Upper
130 100
95 97.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.681 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071243.D

Acq: 11 Mar 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 63 Resp: 153409

Ion Ratio Lower Upper

63 100

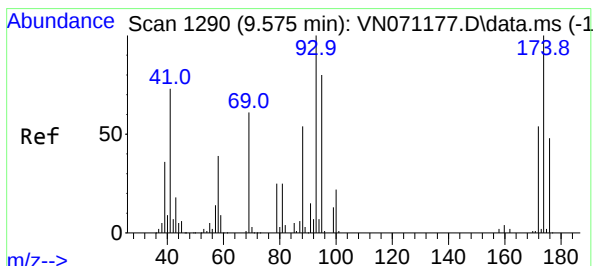
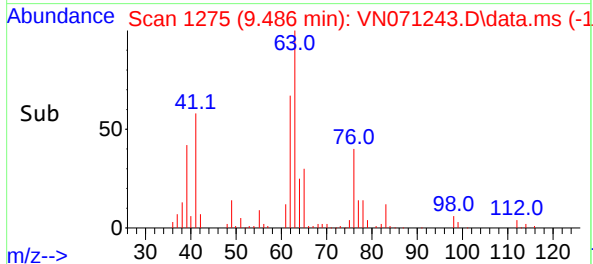
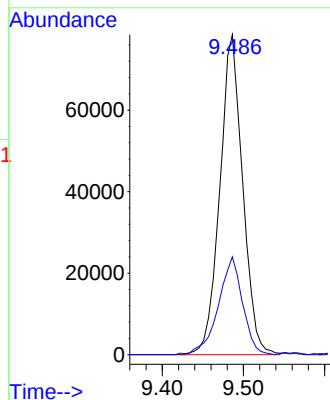
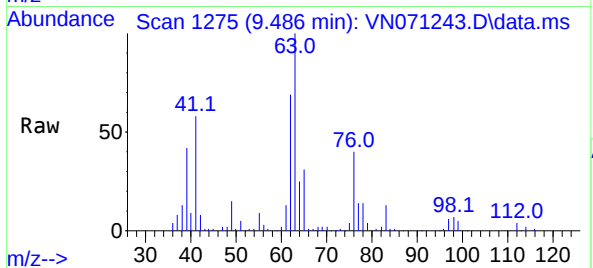
65 30.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#46

Dibromomethane

Concen: 18.051 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN071243.D

Acq: 11 Mar 2022 11:56

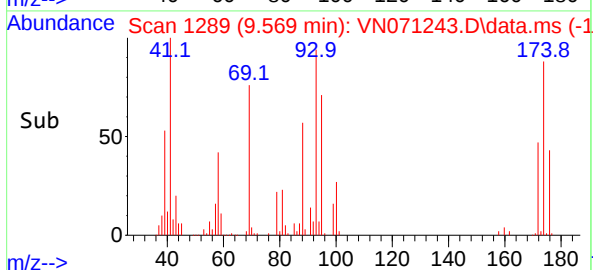
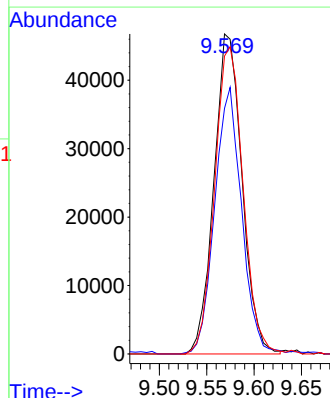
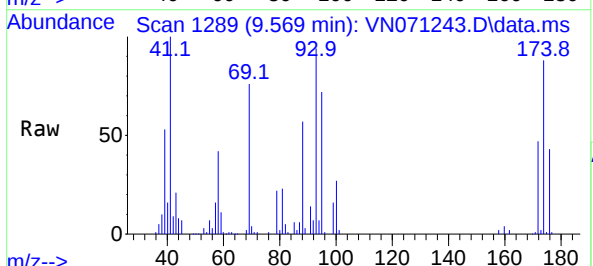
Tgt Ion: 93 Resp: 96401

Ion Ratio Lower Upper

93 100

95 80.7 65.9 98.9

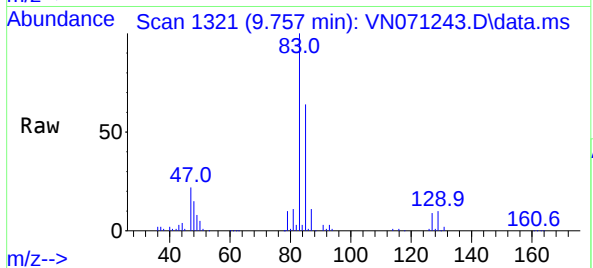
174 97.5 84.6 127.0





#47
Bromodichloromethane
Concen: 17.598 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

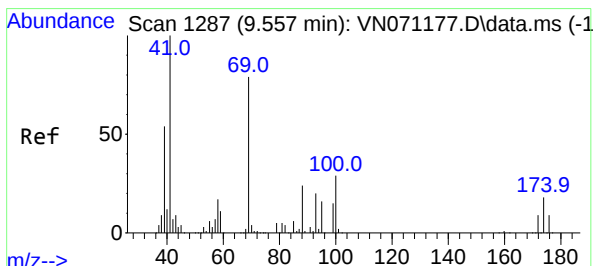
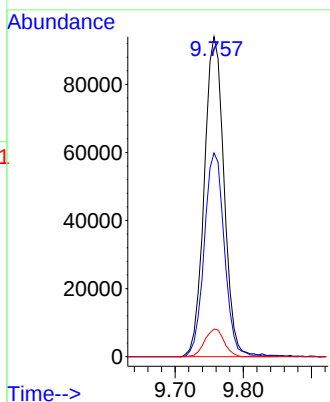
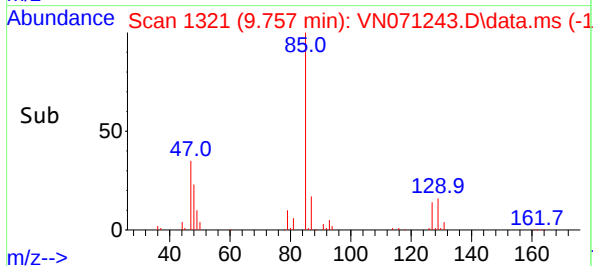
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



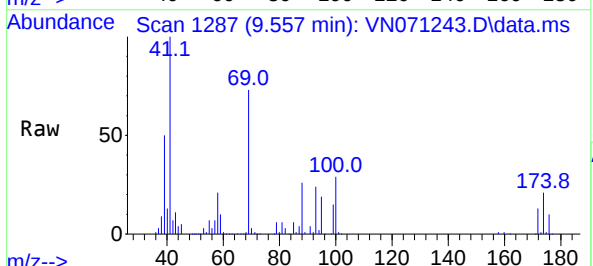
Tgt Ion: 83 Resp: 18992
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.7 7.1 10.7

Manual Integrations
APPROVED

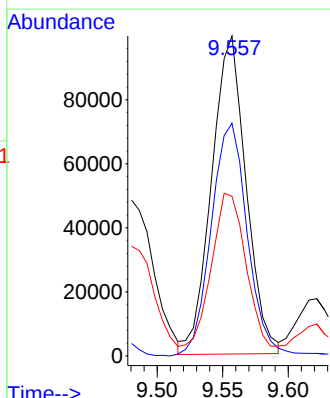
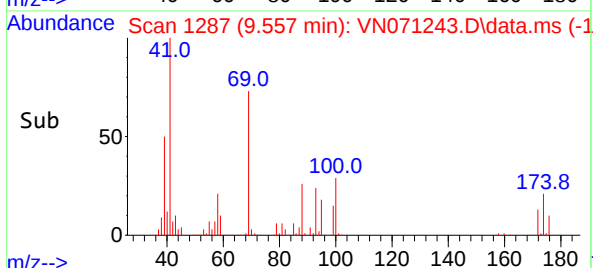
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

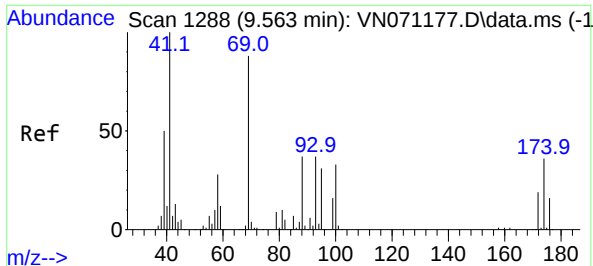


#48
Methyl methacrylate
Concen: 17.806 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



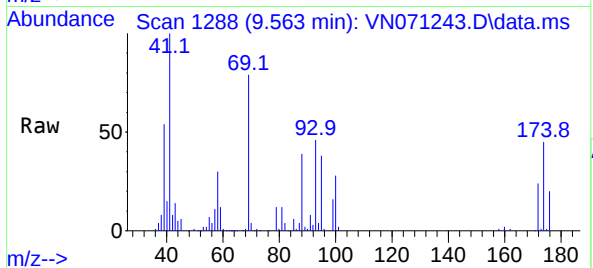
Tgt Ion: 41 Resp: 182186
Ion Ratio Lower Upper
41 100
69 77.4 72.4 108.6
39 47.9 58.4 87.6#





#49
1,4-Dioxane
Concen: 369.333 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

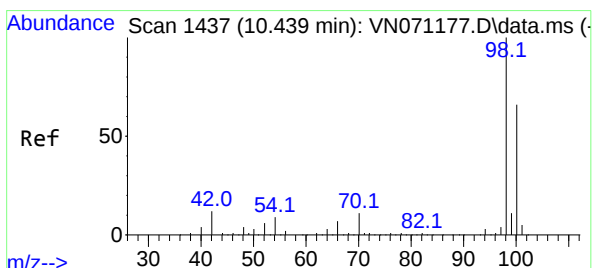
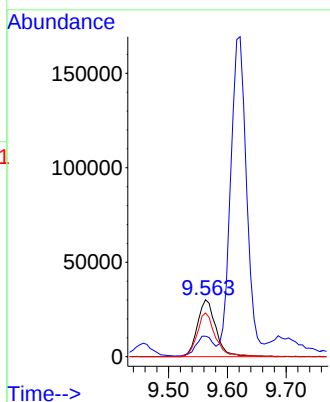
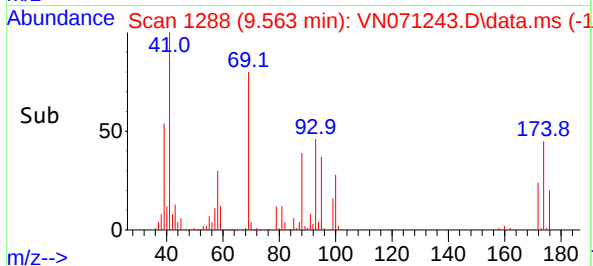
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



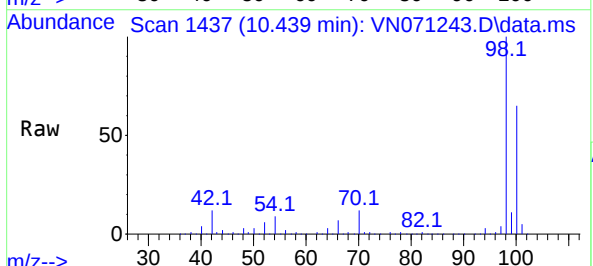
Tgt Ion: 88 Resp: 6568
Ion Ratio Lower Upper
88 100
43 32.5 23.4 35.2
58 76.6 50.6 75.8

Manual Integrations
APPROVED

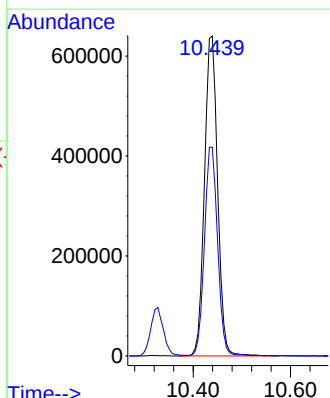
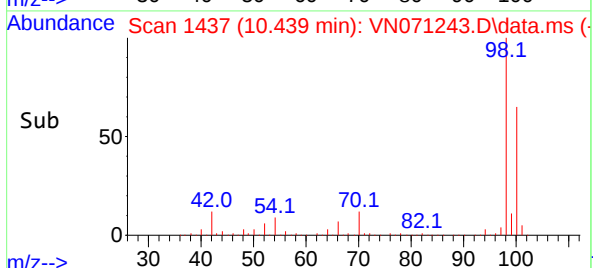
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

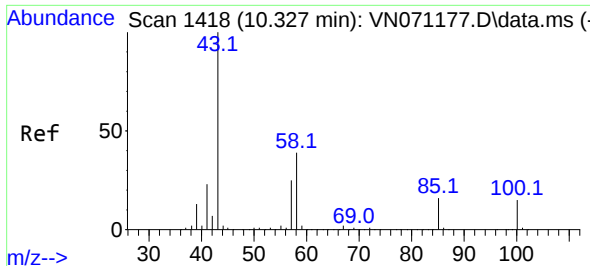


#50
Toluene-d8
Concen: 44.288 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion: 98 Resp: 1193944
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6





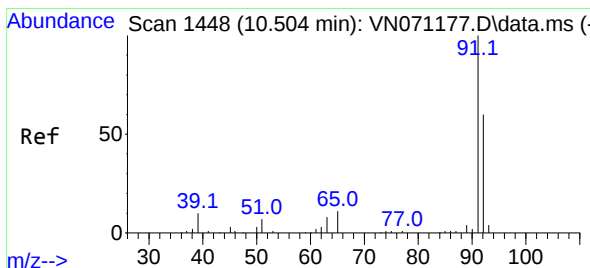
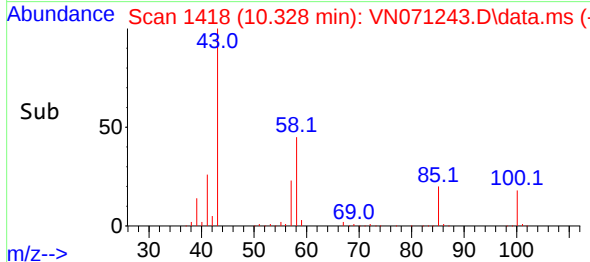
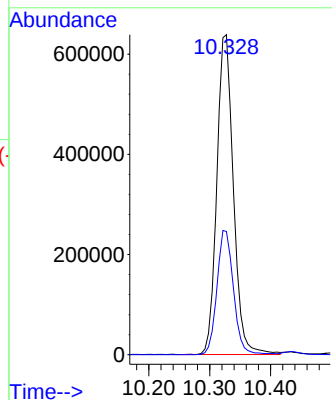
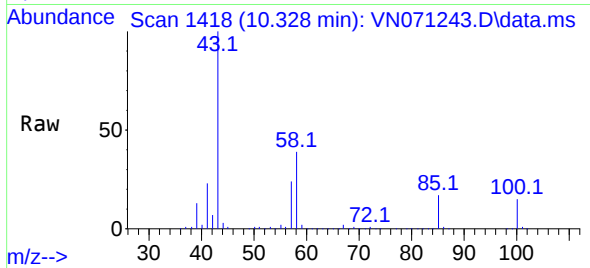
#51
4-Methyl-2-Pentanone
Concen: 88.064 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion: 43 Resp: 120665
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

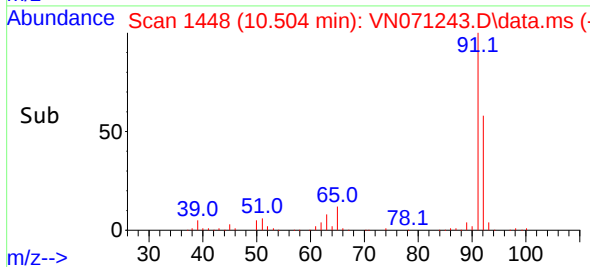
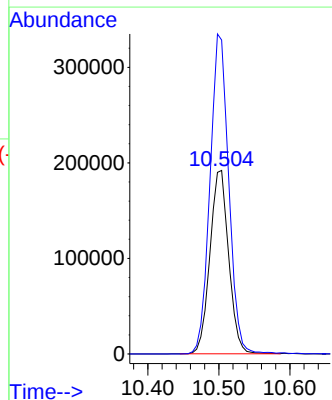
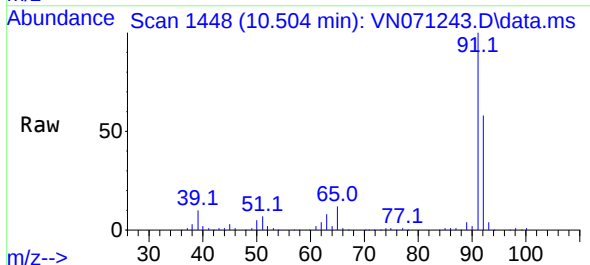
Manual Integrations
APPROVED

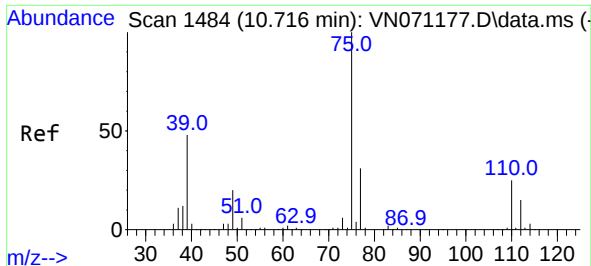
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#52
Toluene
Concen: 17.663 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

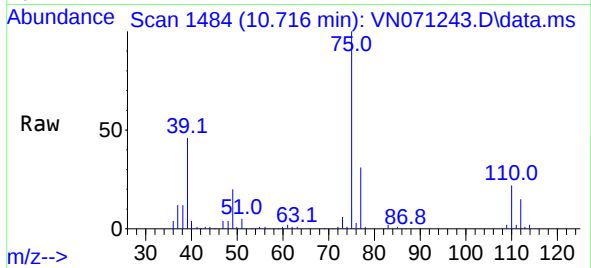
Tgt Ion: 92 Resp: 351559
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.741 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

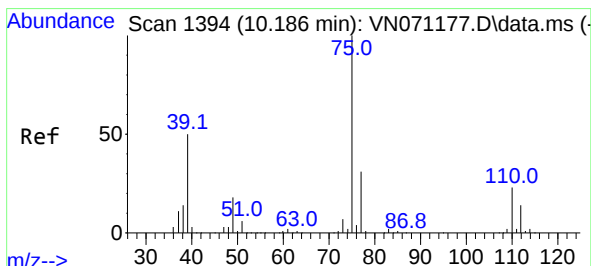
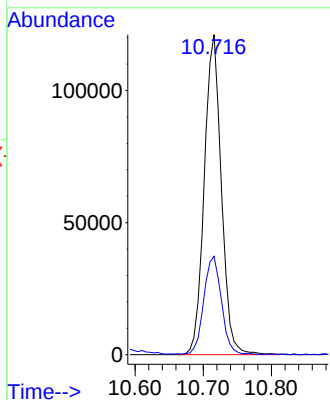
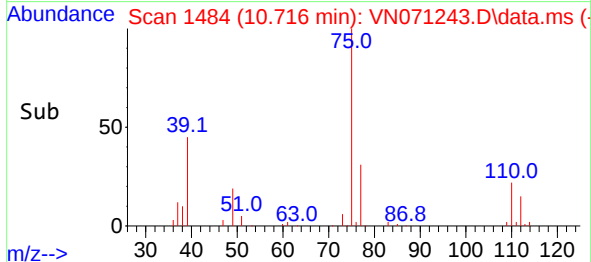
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



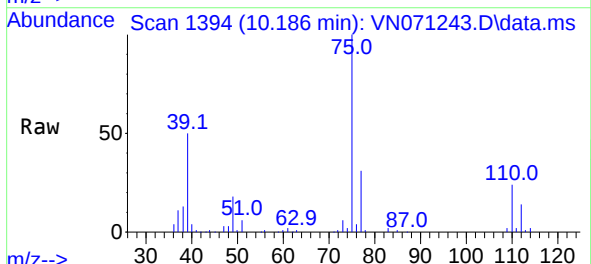
Tgt Ion: 75 Resp: 211062
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

Manual Integrations
APPROVED

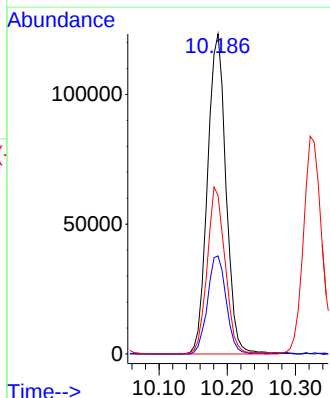
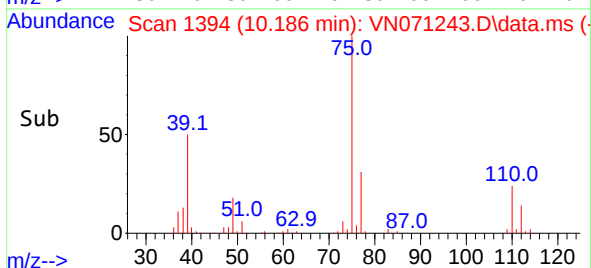
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

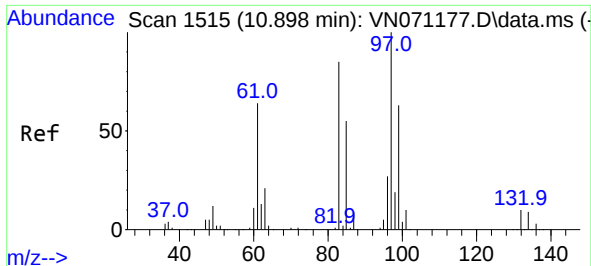


#54
cis-1,3-Dichloropropene
Concen: 17.880 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



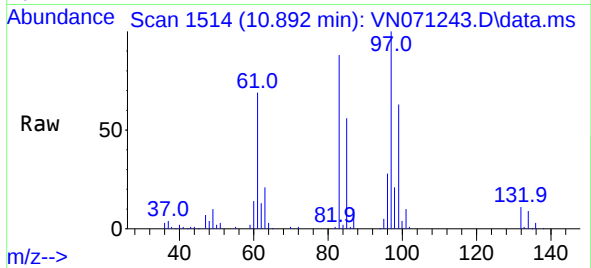
Tgt Ion: 75 Resp: 232431
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6
39 49.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 17.663 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

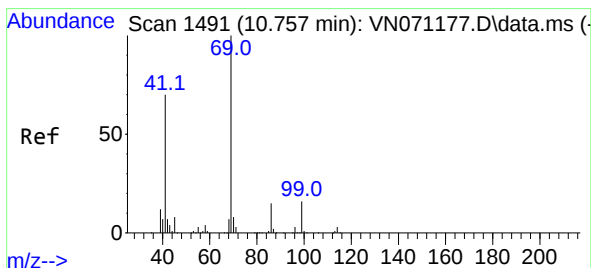
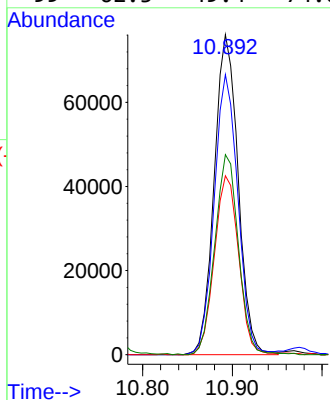
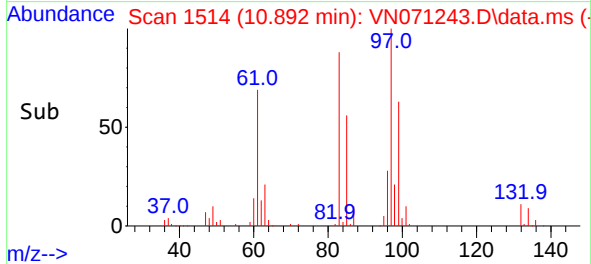


Tgt Ion: 97 Resp: 140875

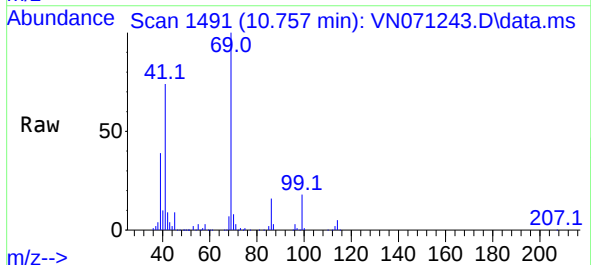
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.8	101.6
85	55.9	45.4	68.2
99	62.3	49.4	74.0

Manual Integrations
APPROVED

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

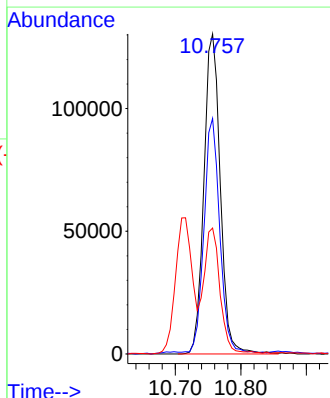
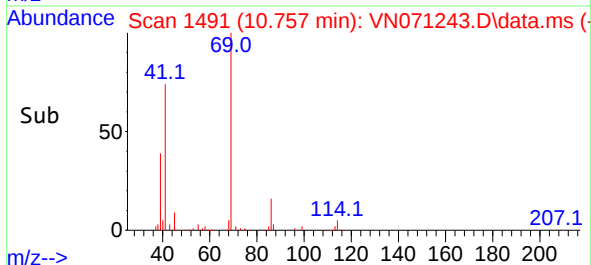


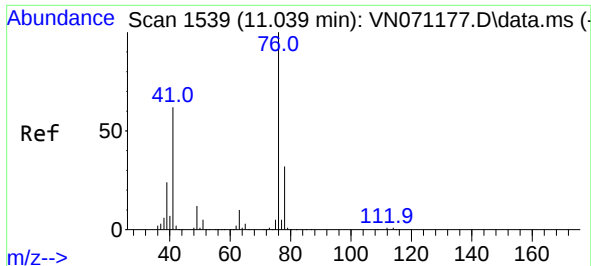
#56
Ethyl methacrylate
Concen: 17.421 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion: 69 Resp: 226898

Ion	Ratio	Lower	Upper
69	100		
41	70.3	51.4	77.0
39	38.5	34.6	52.0





#57

1,3-Dichloropropane

Concen: 17.645 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071243.D

Acq: 11 Mar 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 76 Resp: 252598

Ion Ratio Lower Upper

76 100

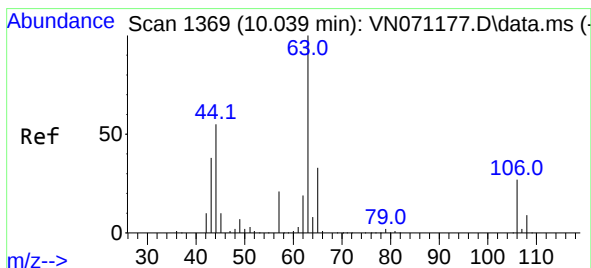
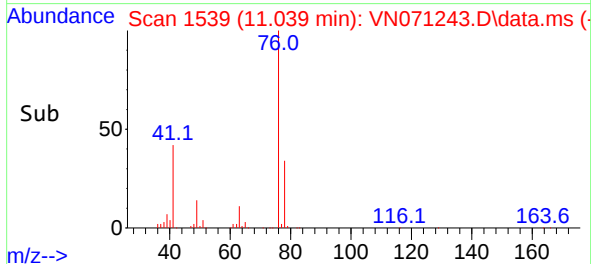
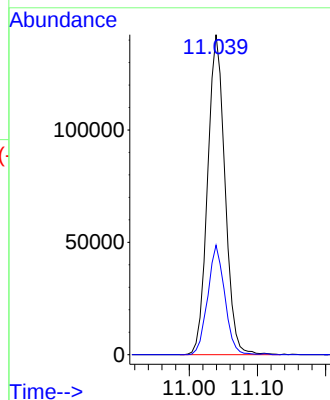
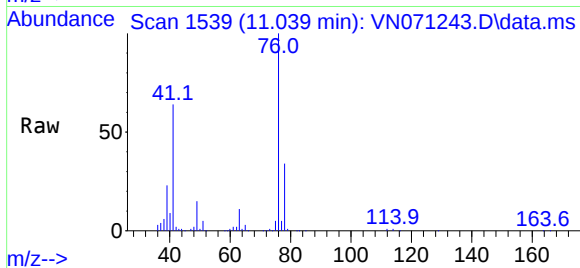
78 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 138.366 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN071243.D

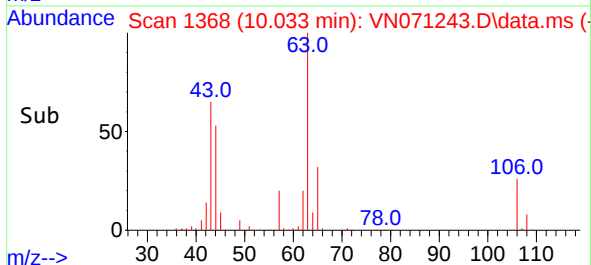
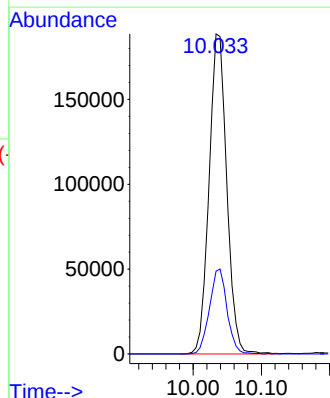
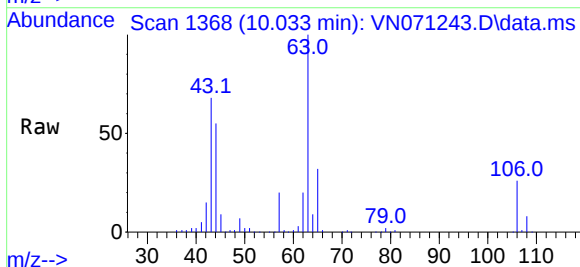
Acq: 11 Mar 2022 11:56

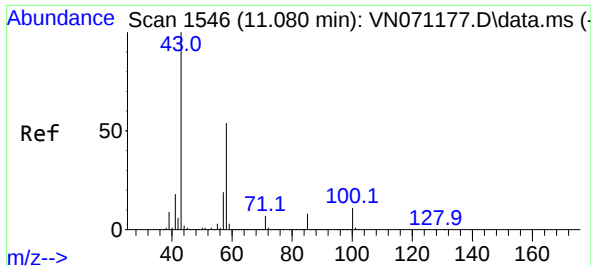
Tgt Ion: 63 Resp: 340303

Ion Ratio Lower Upper

63 100

106 26.4 23.9 35.9





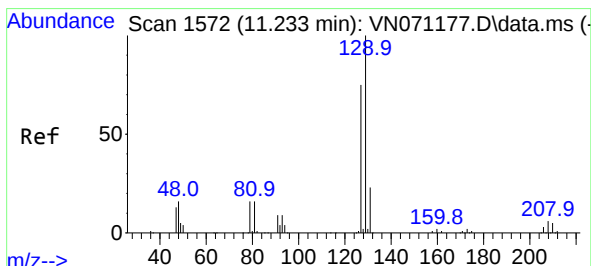
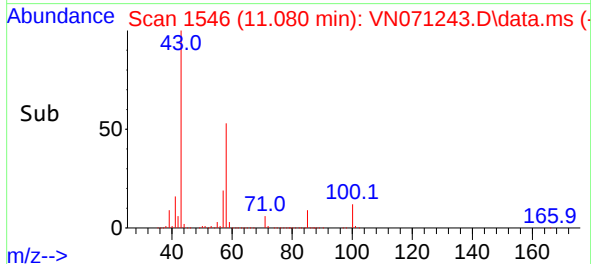
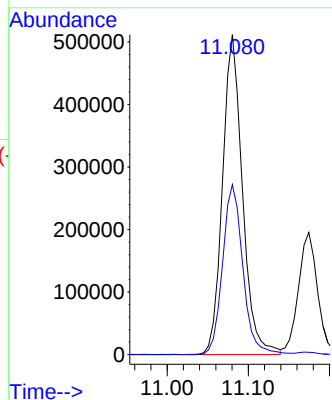
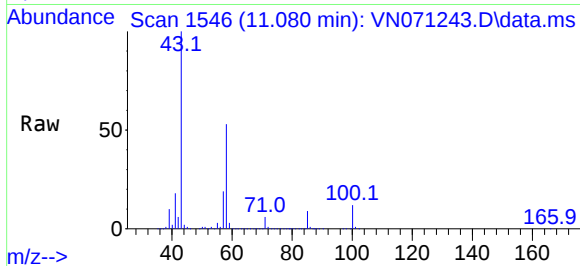
#59
2-Hexanone
Concen: 93.463 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion: 43 Resp: 87379
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7

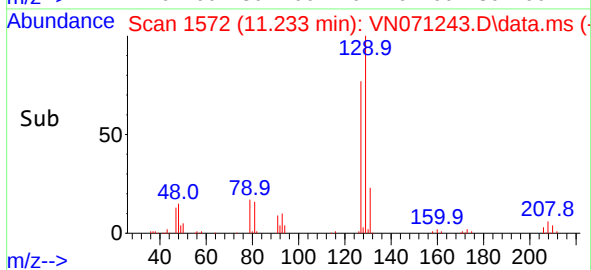
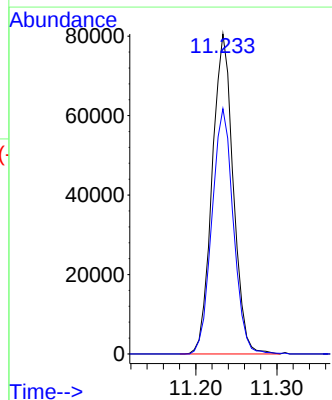
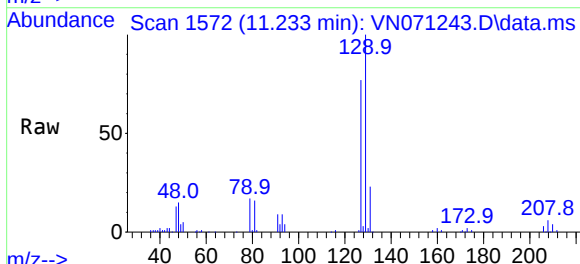
Manual Integrations
APPROVED

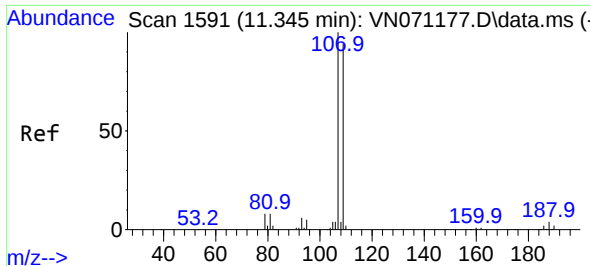
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#60
Dibromochloromethane
Concen: 18.302 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

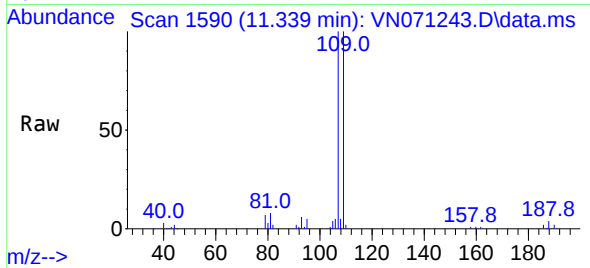
Tgt Ion:129 Resp: 145030
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.486 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

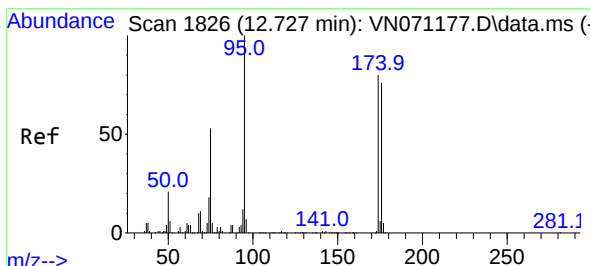
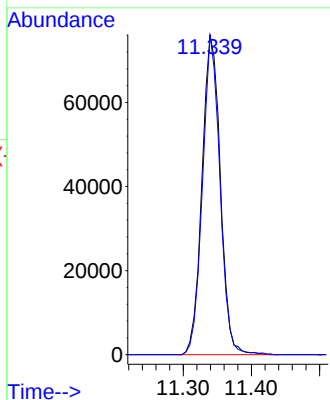
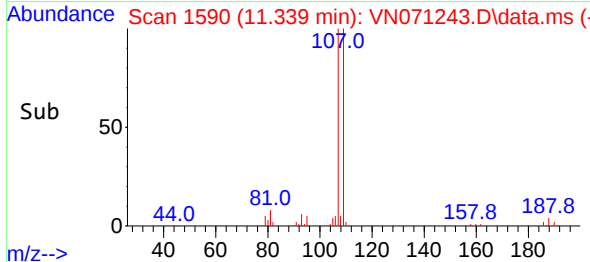
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



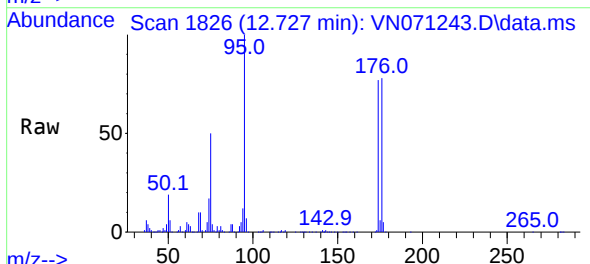
Tgt Ion:107 Resp: 14253
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

Manual Integrations
APPROVED

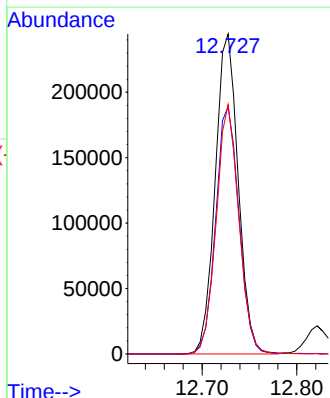
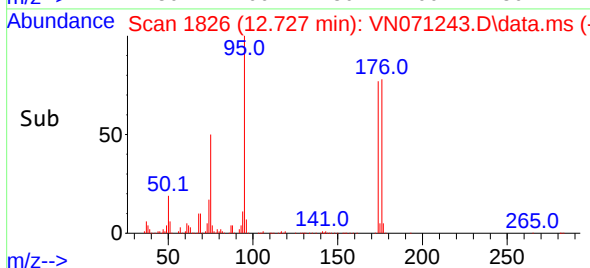
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

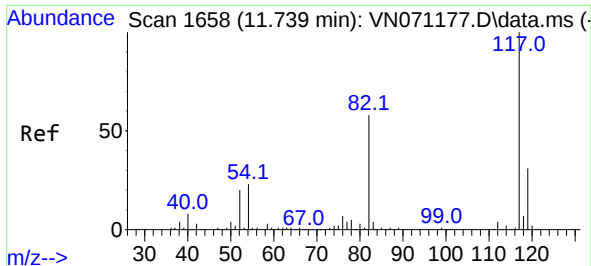


#62
4-Bromofluorobenzene
Concen: 45.148 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



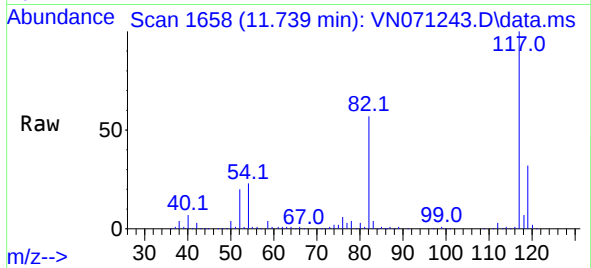
Tgt Ion: 95 Resp: 412146
Ion Ratio Lower Upper
95 100
174 78.5 0.0 187.2
176 76.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

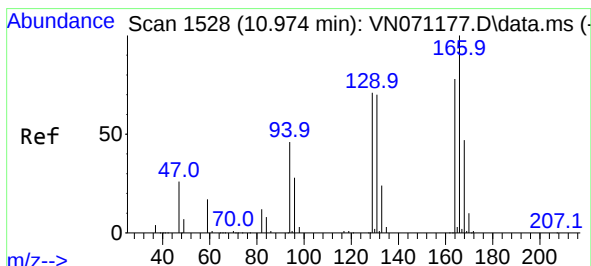
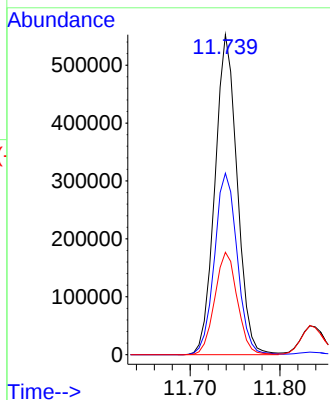
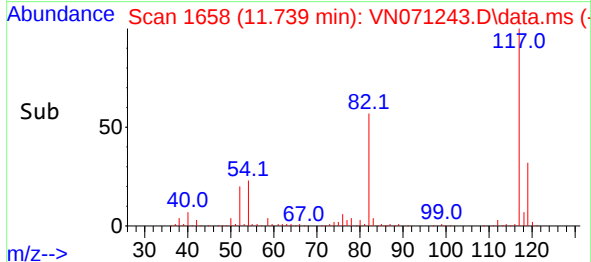
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



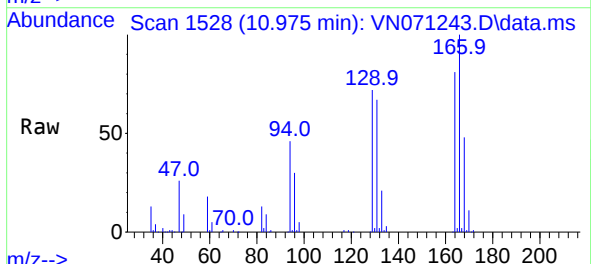
Tgt Ion:117 Resp: 95132
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

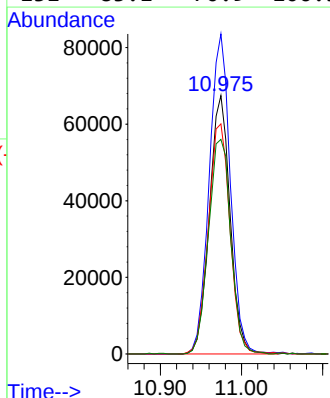
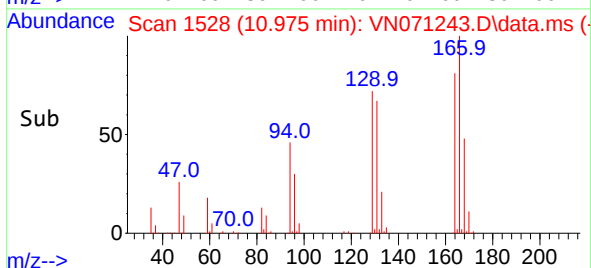
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

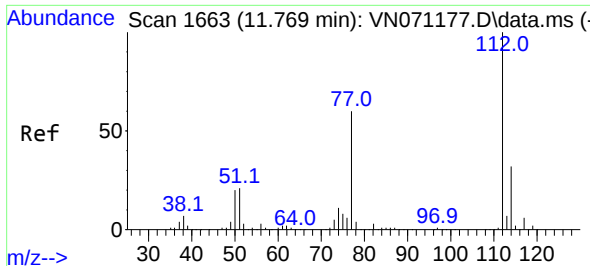


#64
Tetrachloroethene
Concen: 18.018 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



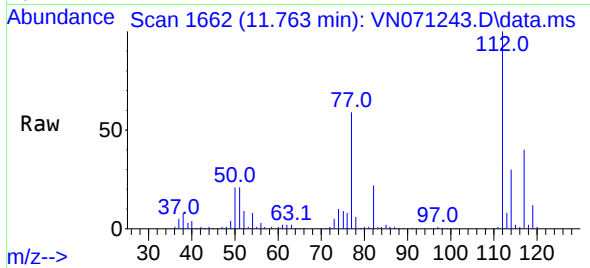
Tgt Ion:164 Resp: 119545
Ion Ratio Lower Upper
164 100
166 123.9 101.9 152.9
129 89.1 72.0 108.0
131 83.1 70.9 106.3





#65
Chlorobenzene
Concen: 18.021 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

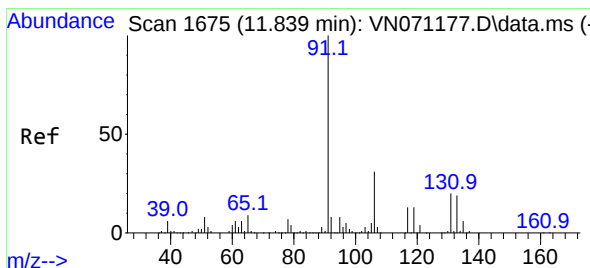
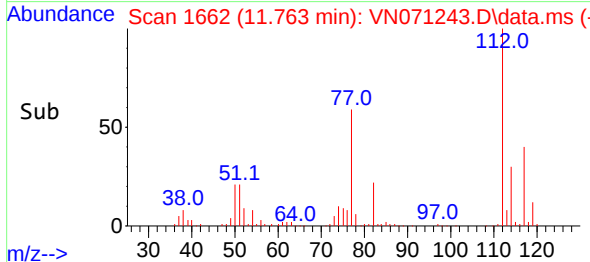
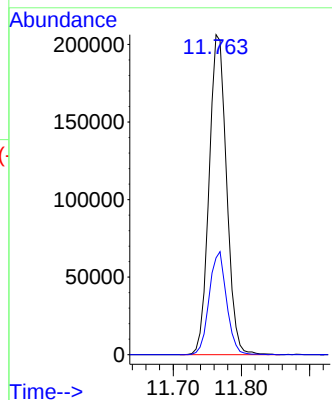
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion:112 Resp: 36816
Ion Ratio Lower Upper
112 100
114 30.2 25.4 38.0

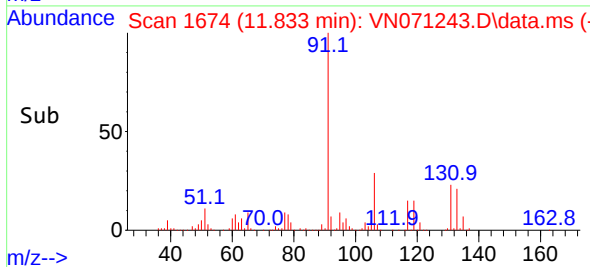
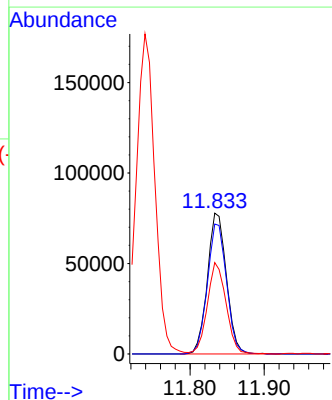
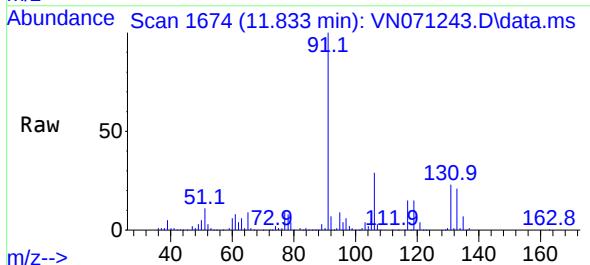
Manual Integrations
APPROVED

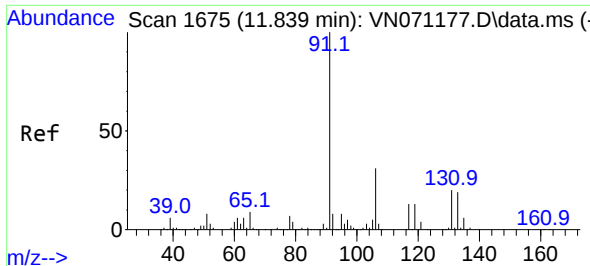
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.518 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Tgt Ion:131 Resp: 138723
Ion Ratio Lower Upper
131 100
133 93.1 47.9 143.7
119 64.0 32.1 96.5





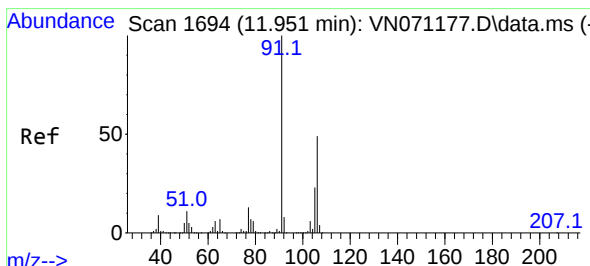
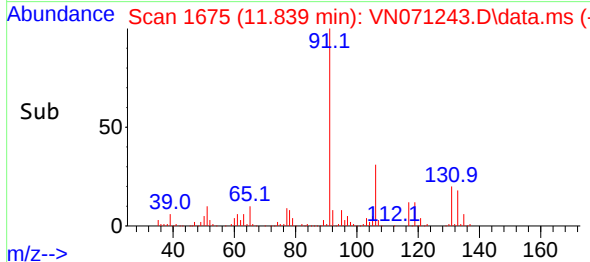
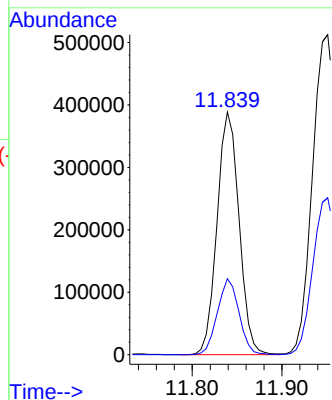
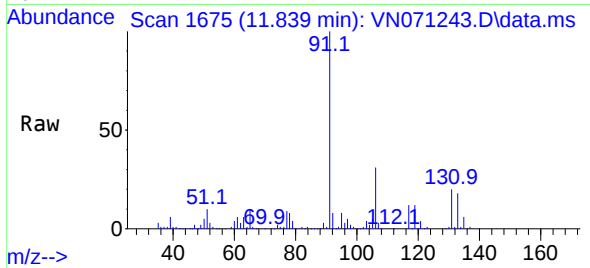
#67
Ethyl Benzene
Concen: 18.324 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion: 91 Resp: 661928
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5

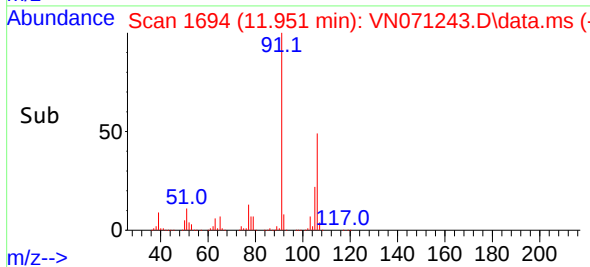
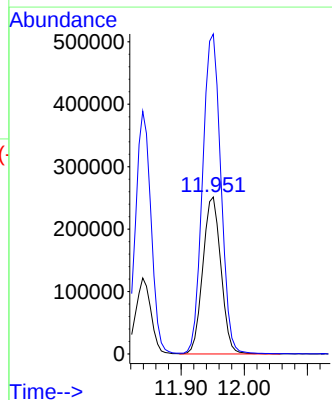
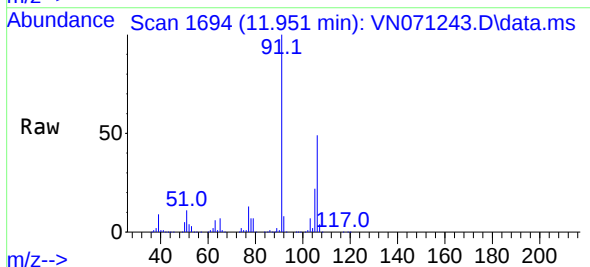
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 37.884 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

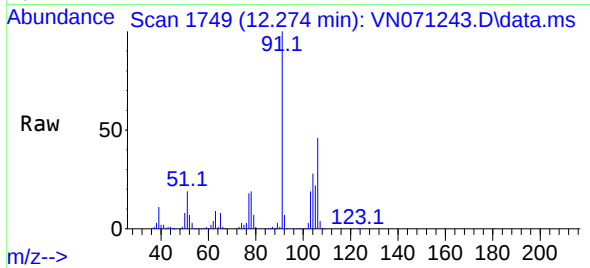
Tgt Ion:106 Resp: 500632
Ion Ratio Lower Upper
106 100
91 205.5 160.6 240.8





#69
o-Xylene
Concen: 18.827 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

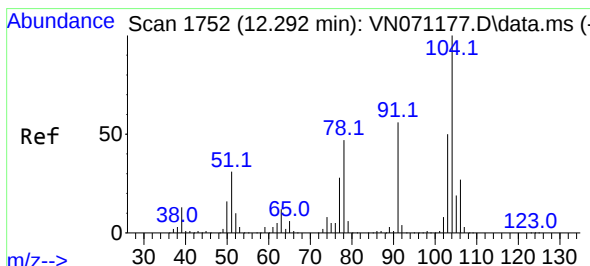
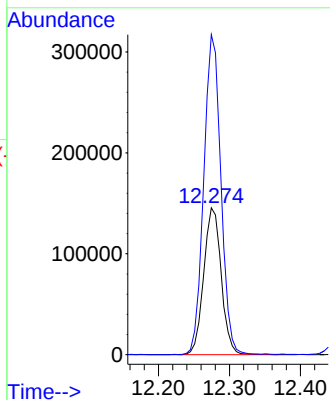
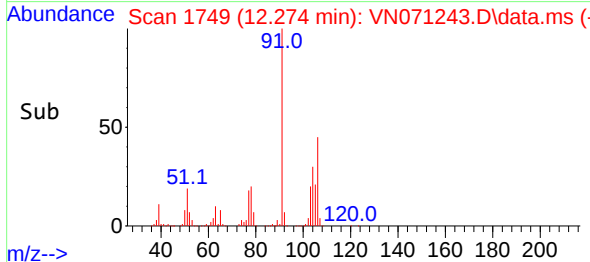
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion:106 Resp: 249388
Ion Ratio Lower Upper
106 100
91 214.3 105.8 317.3

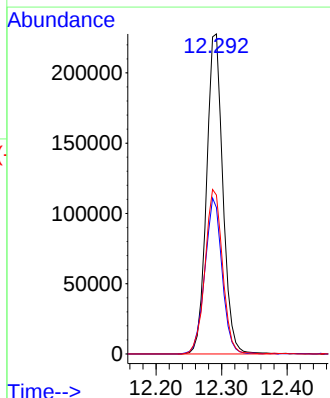
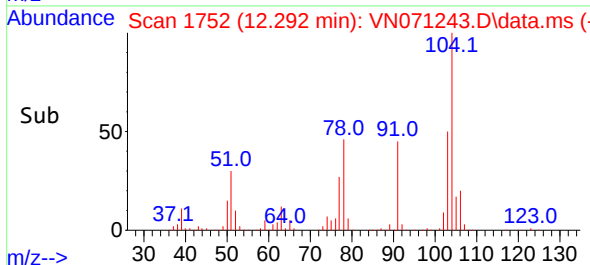
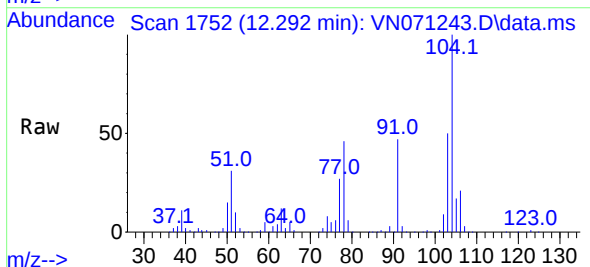
Manual Integrations
APPROVED

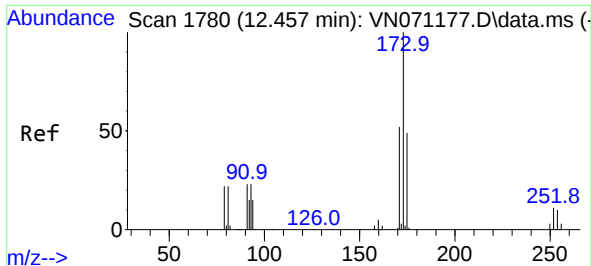
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#70
Styrene
Concen: 19.230 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

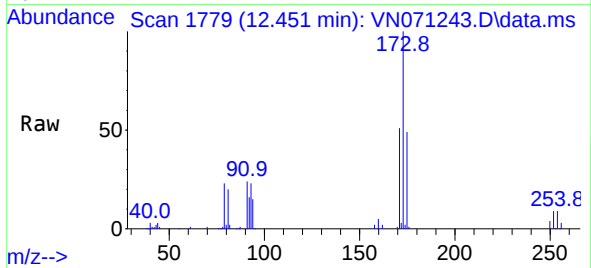
Tgt Ion:104 Resp: 394306
Ion Ratio Lower Upper
104 100
78 51.3 38.7 58.1
103 55.1 45.0 67.6





#71
Bromoform
Concen: 18.724 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

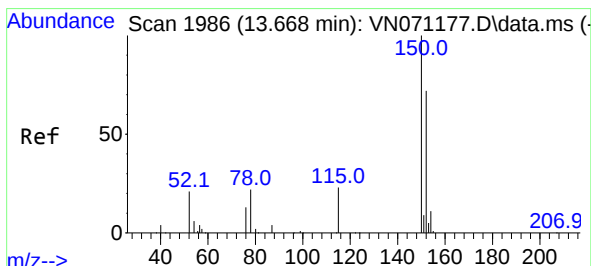
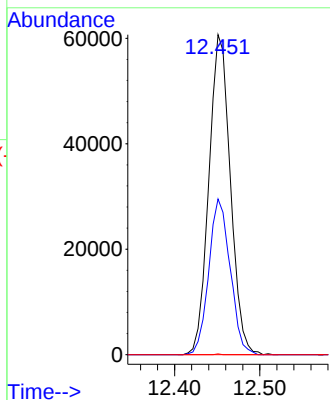
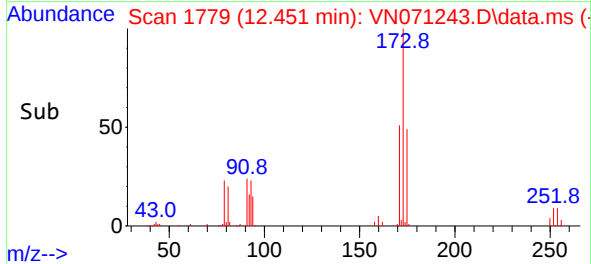
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



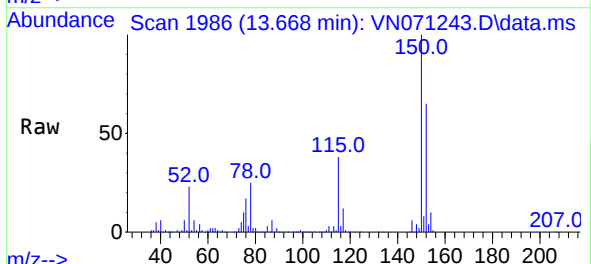
Tgt Ion:173 Resp: 106522
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

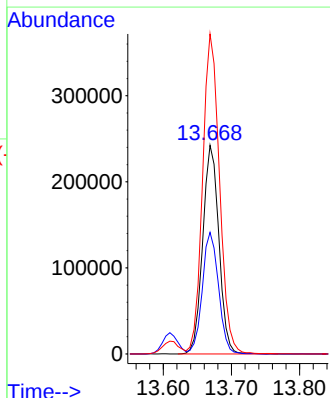
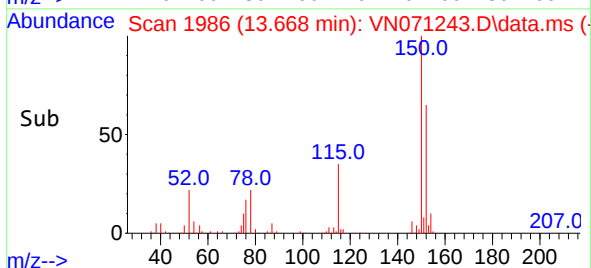
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

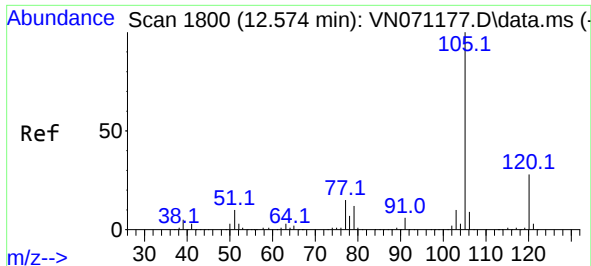


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion:152 Resp: 400084
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 160.3 0.0 344.4





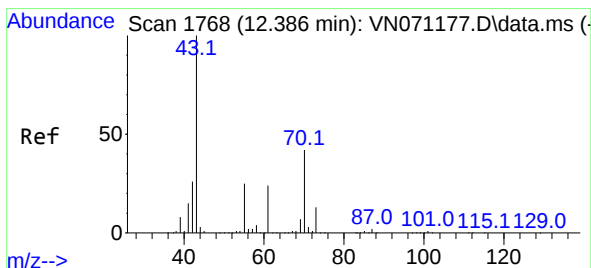
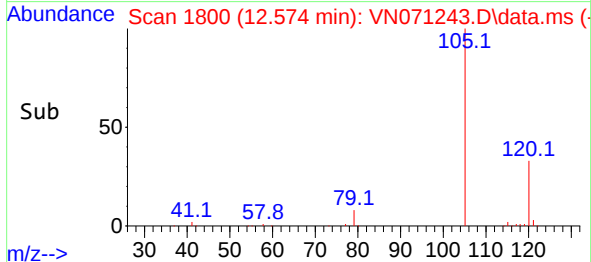
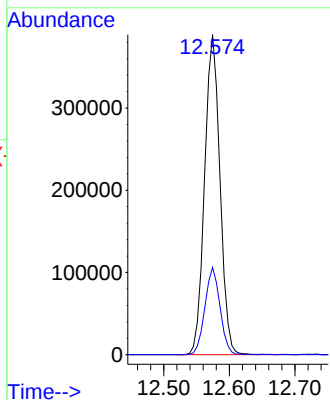
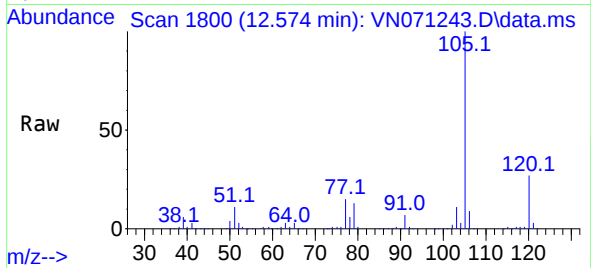
#73
Isopropylbenzene
Concen: 16.465 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion:105 Resp: 63500
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

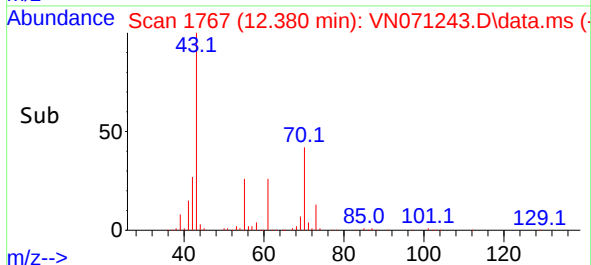
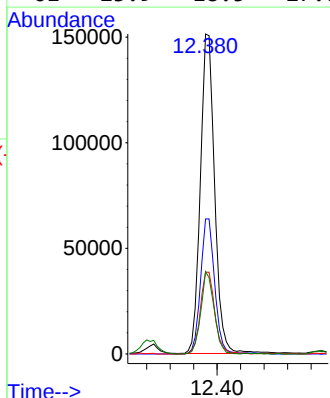
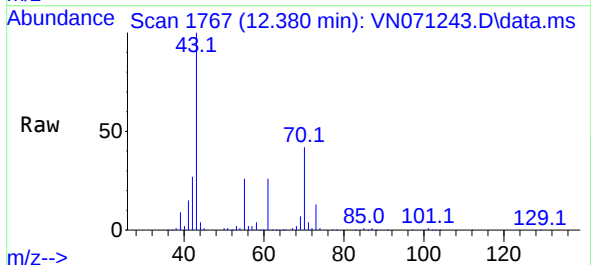
Manual Integrations
APPROVED

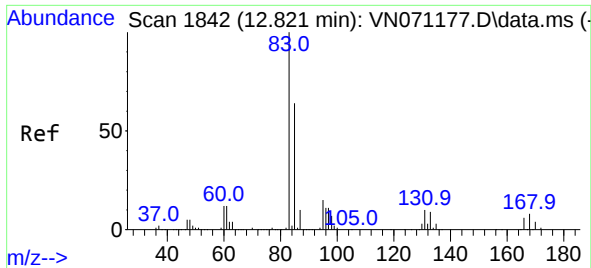
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#74
N-ethyl acetate
Concen: 17.635 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

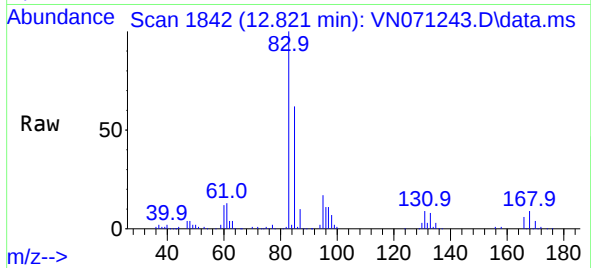
Tgt Ion: 43 Resp: 255732
Ion Ratio Lower Upper
43 100
70 41.6 33.4 50.0
55 25.9 19.3 28.9
61 23.9 18.5 27.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.748 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN071243.D
 Acq: 11 Mar 2022 11:56

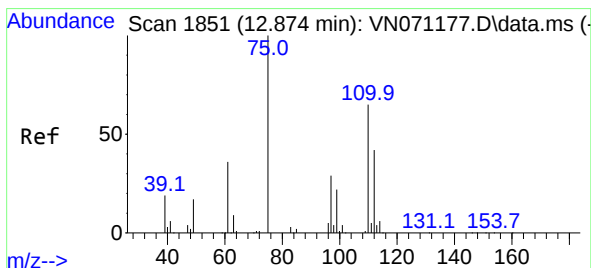
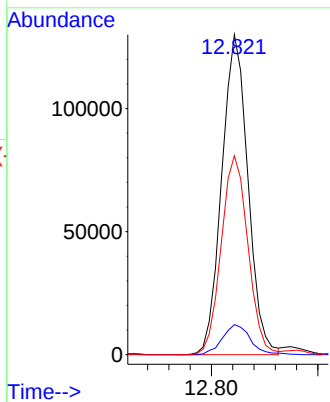
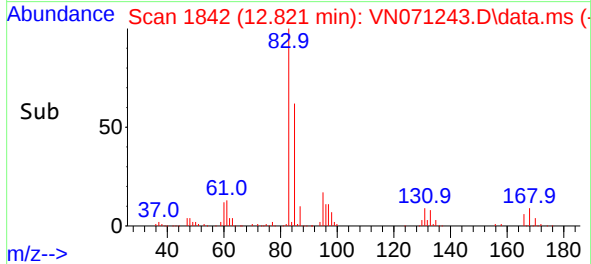
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01



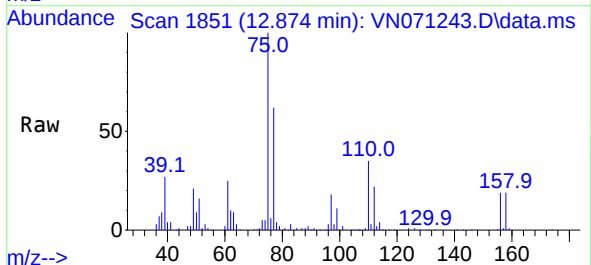
Tgt Ion: 83 Resp: 222344
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.5 16.5
 85 63.2 32.4 97.2

Manual Integrations
 APPROVED

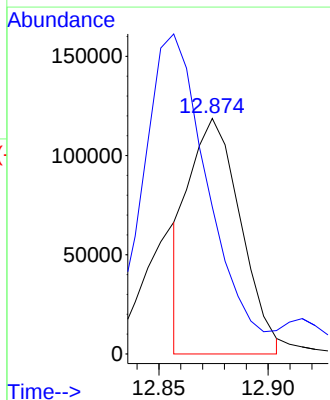
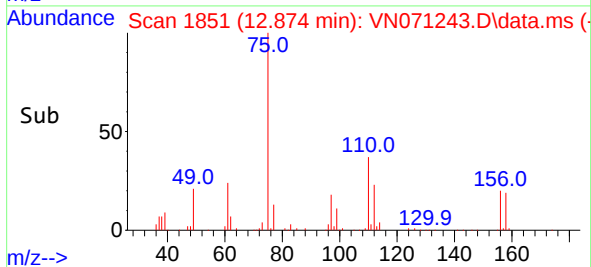
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022

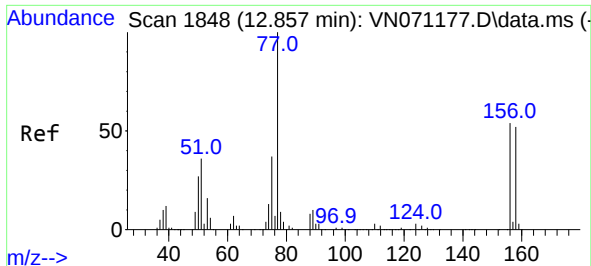


#76
 1,2,3-Trichloropropane
 Concen: 18.420 ug/l m
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN071243.D
 Acq: 11 Mar 2022 11:56



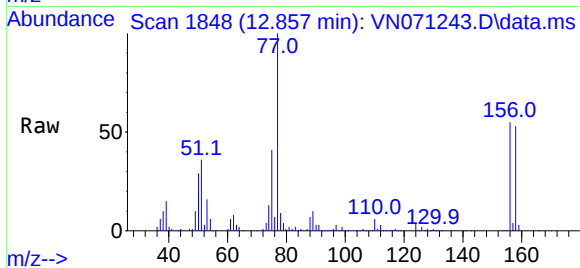
Tgt Ion: 75 Resp: 195899
 Ion Ratio Lower Upper
 75 100
 77 170.5 82.6 247.8





#77
Bromobenzene
Concen: 16.561 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

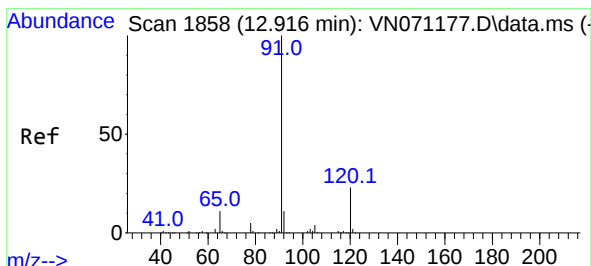
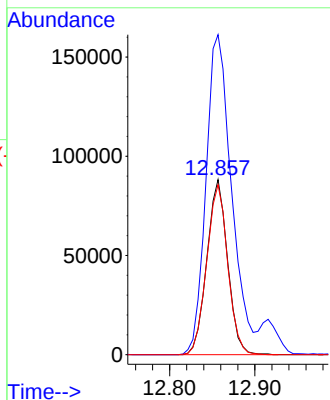
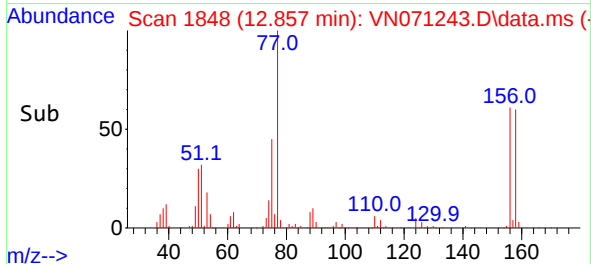
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



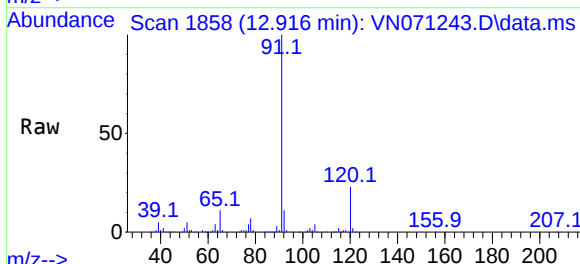
Tgt Ion:156 Resp: 148940
Ion Ratio Lower Upper
156 100
77 224.2 90.6 271.8
158 98.4 48.9 146.7

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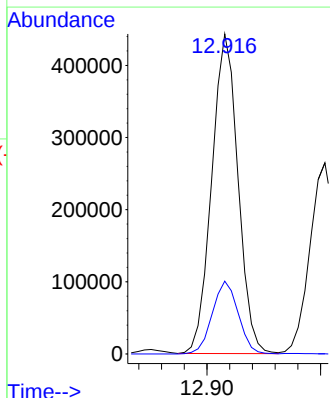
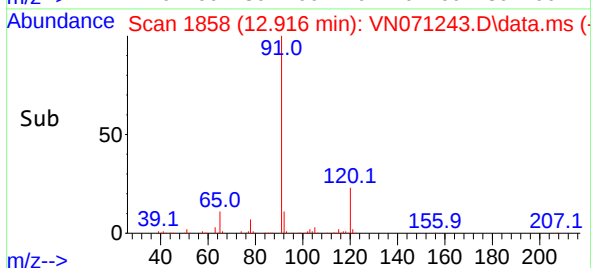
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

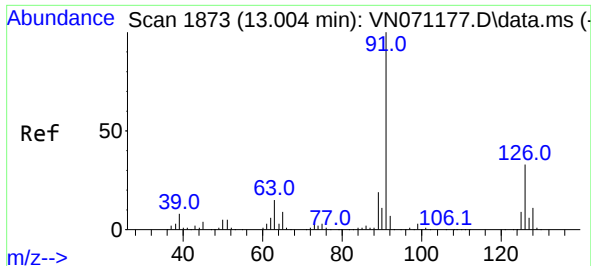


#78
n-propylbenzene
Concen: 17.195 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion: 91 Resp: 711638
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





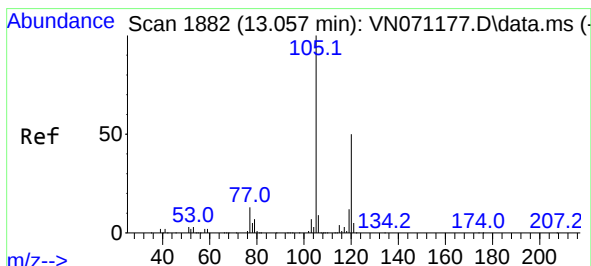
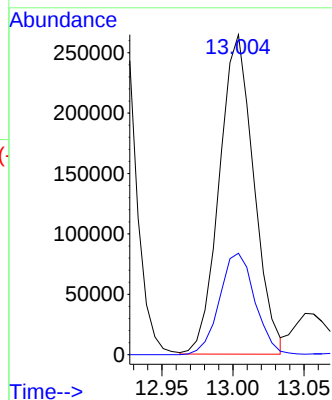
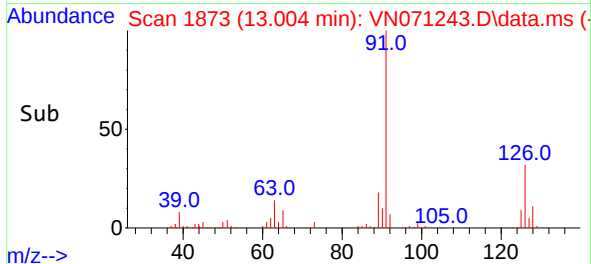
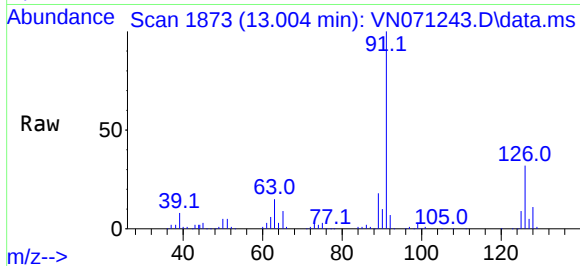
#79
2-Chlorotoluene
Concen: 16.801 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion: 91 Resp: 44635
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8

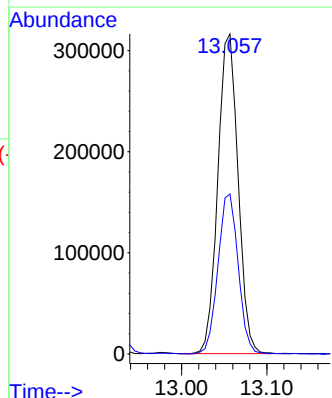
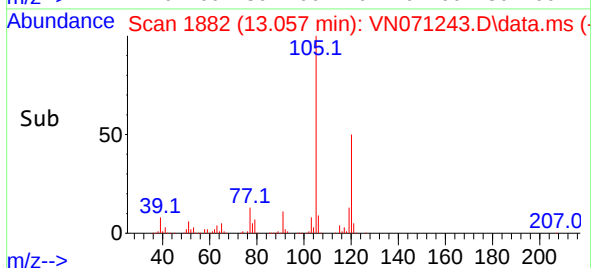
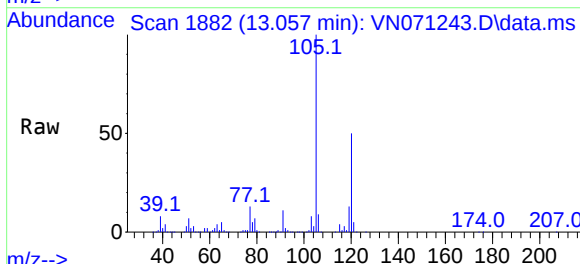
Manual Integrations
APPROVED

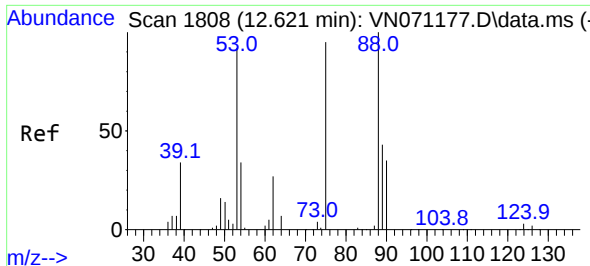
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 17.404 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Tgt Ion:105 Resp: 522231
Ion Ratio Lower Upper
105 100
120 50.2 24.6 73.6





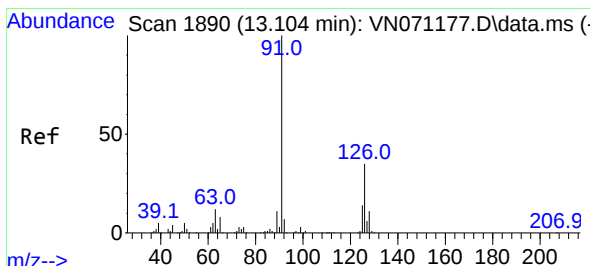
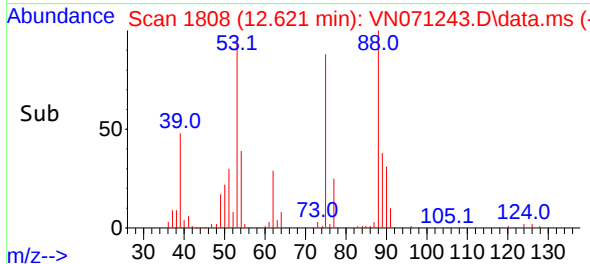
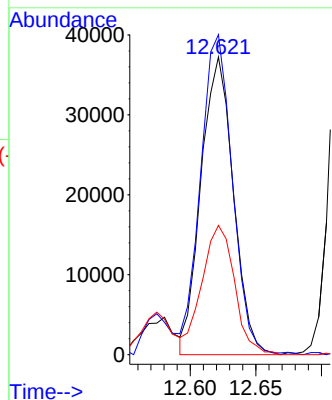
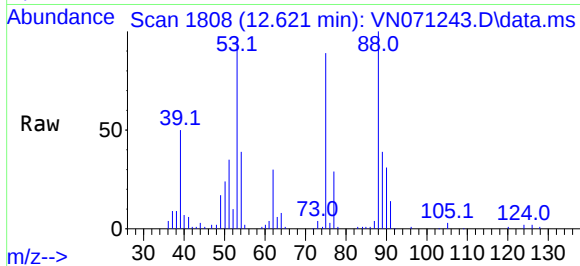
#81
trans-1,4-Dichloro-2-butene
Concen: 17.250 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion: 75 Resp: 63844
Ion Ratio Lower Upper
75 100
53 106.0 90.5 135.7
89 44.1 38.2 57.4

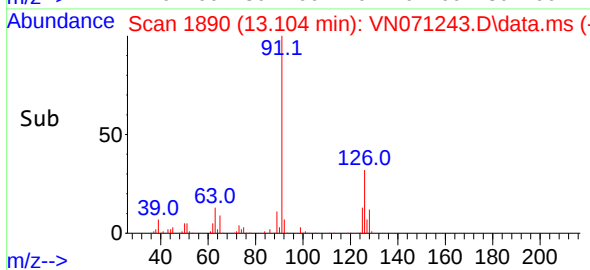
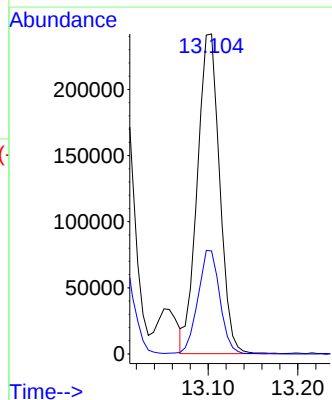
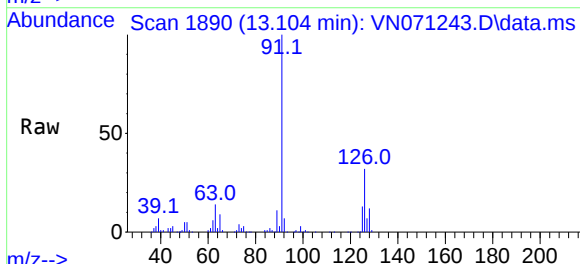
Manual Integrations
APPROVED

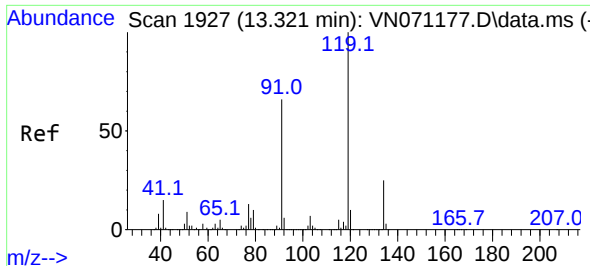
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#82
4-Chlorotoluene
Concen: 17.658 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

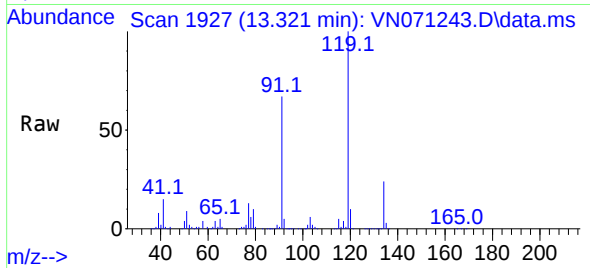
Tgt Ion: 91 Resp: 417845
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.265 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

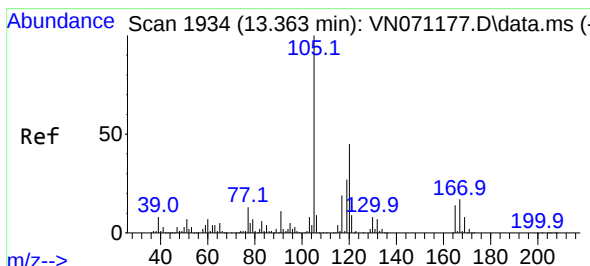
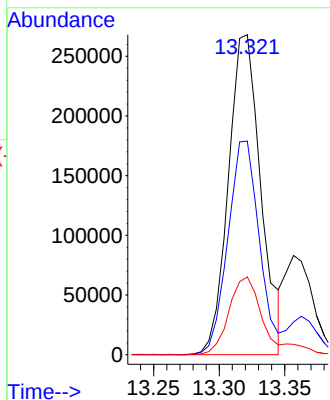
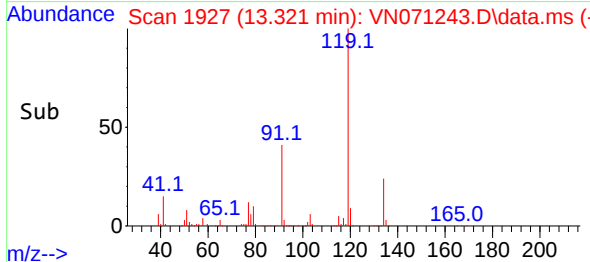
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



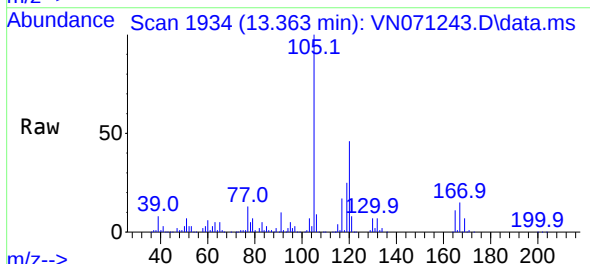
Tgt Ion:119 Resp: 462307
Ion Ratio Lower Upper
119 100
91 64.5 31.5 94.5
134 26.1 12.4 37.4

Manual Integrations
APPROVED

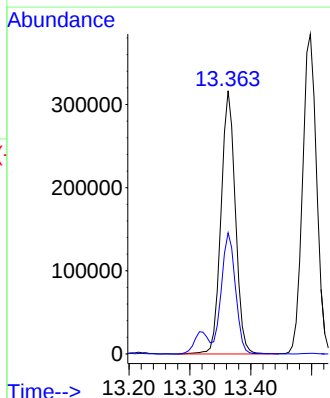
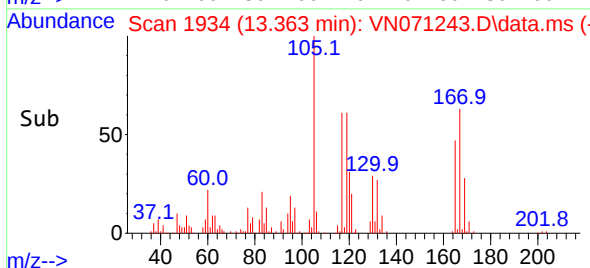
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

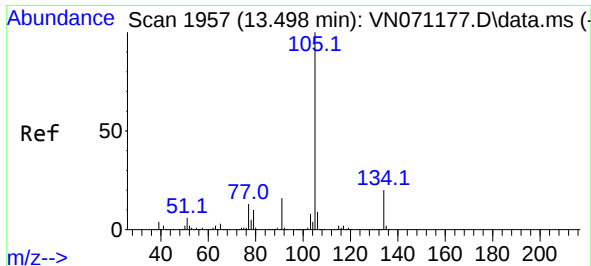


#84
1,2,4-Trimethylbenzene
Concen: 17.983 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion:105 Resp: 516839
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.4





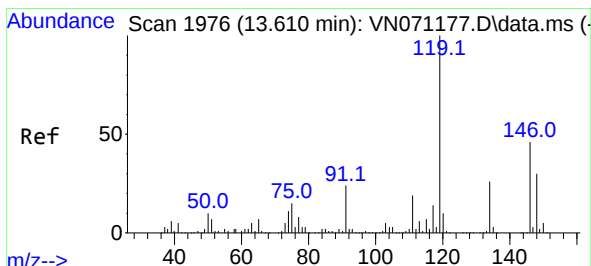
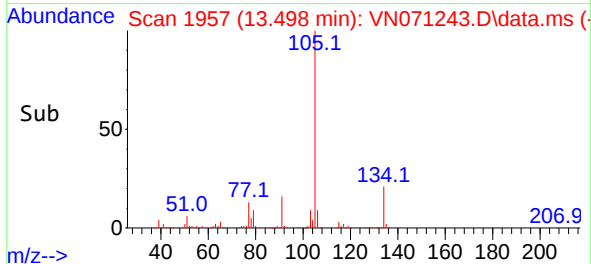
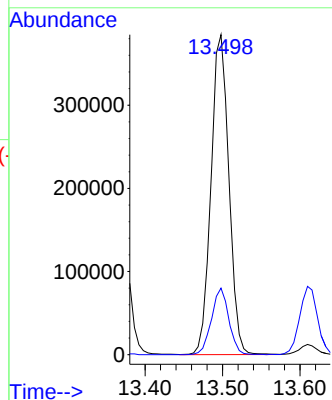
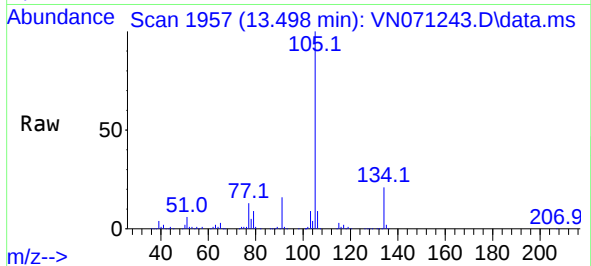
#85
 sec-Butylbenzene
 Concen: 17.298 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071243.D
 Acq: 11 Mar 2022 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01

Tgt Ion:105 Resp: 615654
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

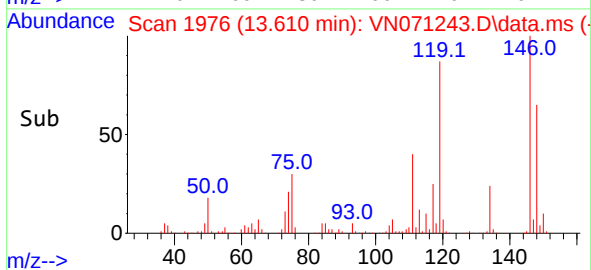
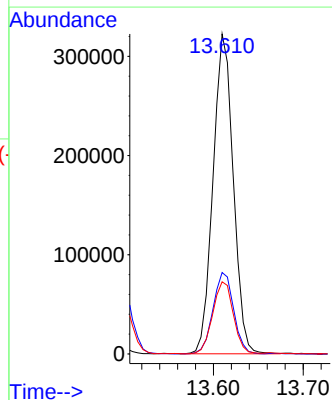
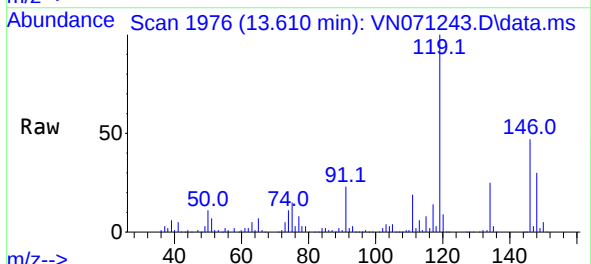
Manual Integrations
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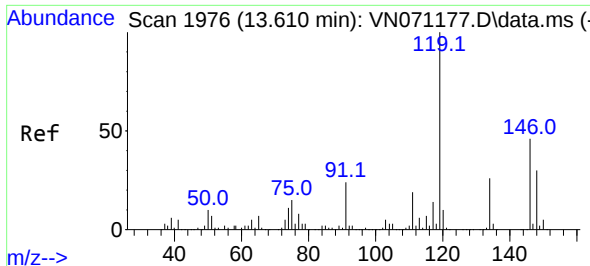
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#86
 p-Isopropyltoluene
 Concen: 18.005 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071243.D
 Acq: 11 Mar 2022 11:56

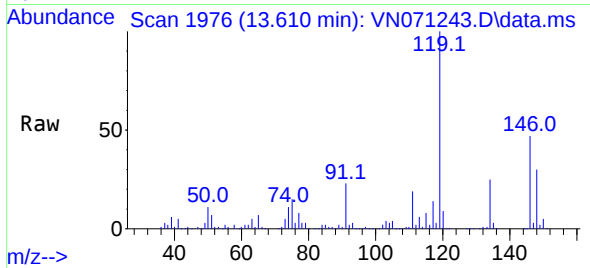
Tgt Ion:119 Resp: 503974
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 23.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.259 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

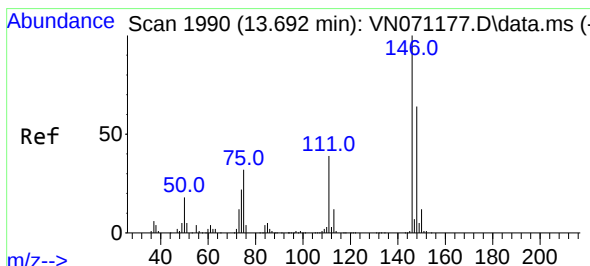
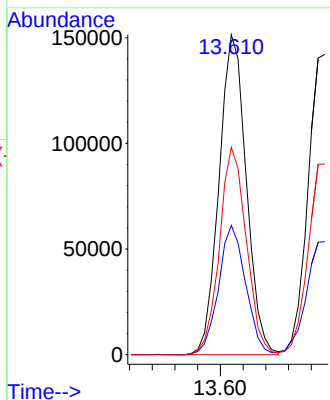
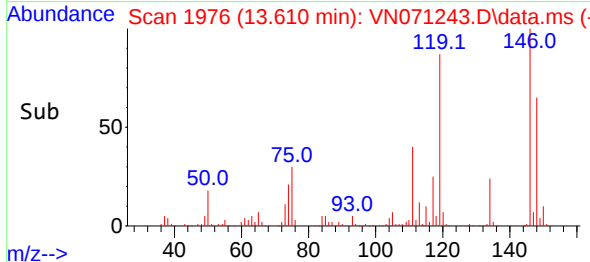
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



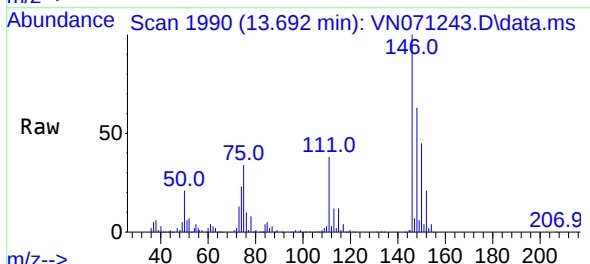
Tgt Ion:146 Resp: 252209
Ion Ratio Lower Upper
146 100
111 40.2 18.6 55.6
148 63.9 31.6 95.0

Manual Integrations
APPROVED

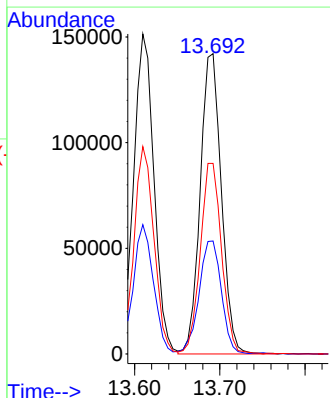
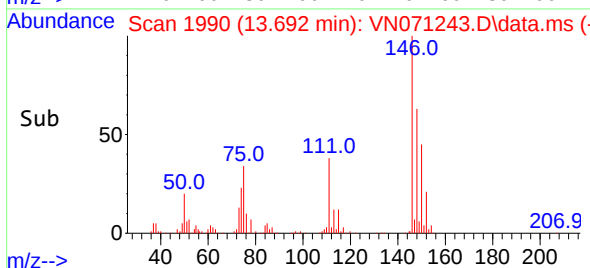
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#88
1,4-Dichlorobenzene
Concen: 17.165 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion:146 Resp: 245183
Ion Ratio Lower Upper
146 100
111 39.5 18.3 54.8
148 63.9 31.8 95.4





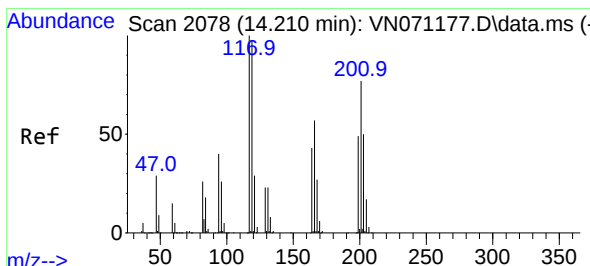
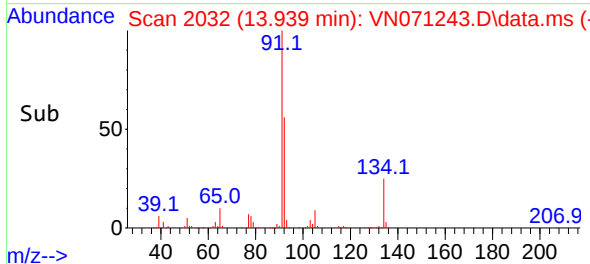
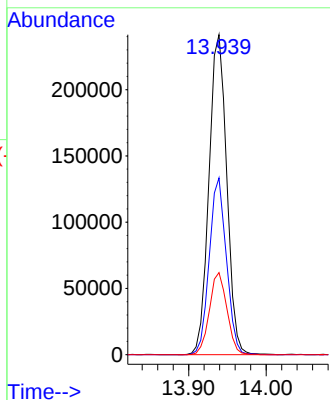
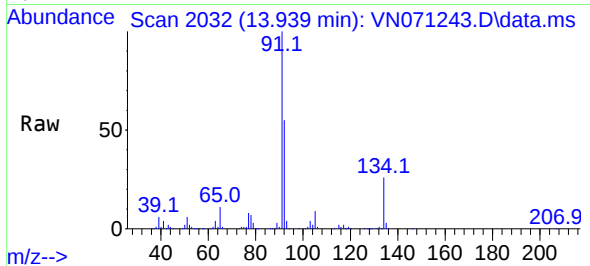
#89
n-Butylbenzene
Concen: 17.582 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion: 91 Resp: 38492
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 25.3 13.6 40.8

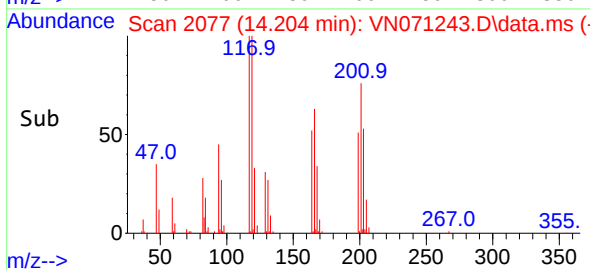
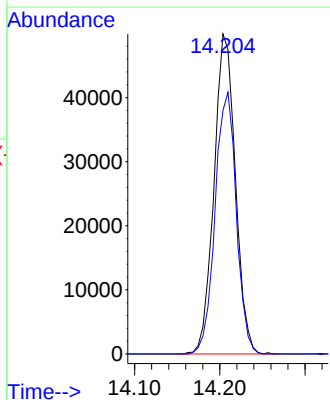
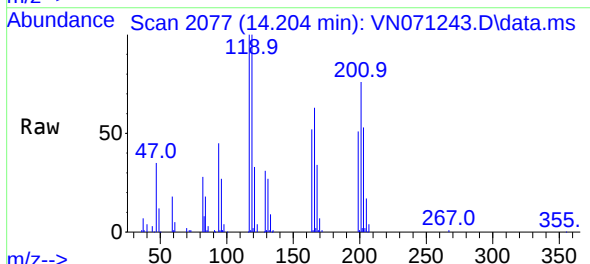
Manual Integrations
APPROVED

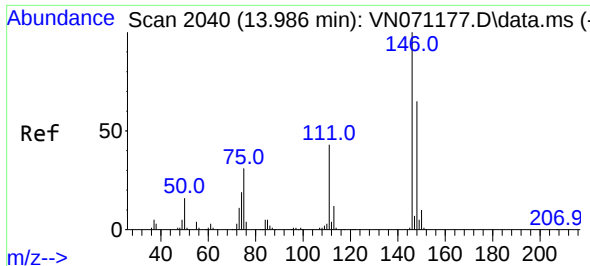
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#90
Hexachloroethane
Concen: 15.664 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

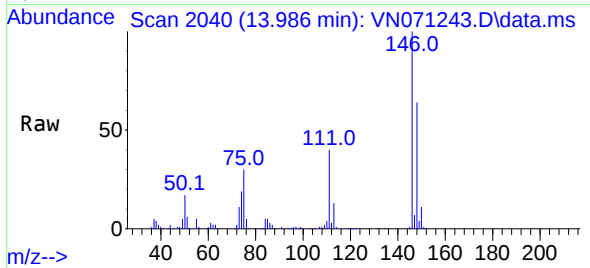
Tgt Ion:117 Resp: 87193
Ion Ratio Lower Upper
117 100
201 81.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 17.507 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

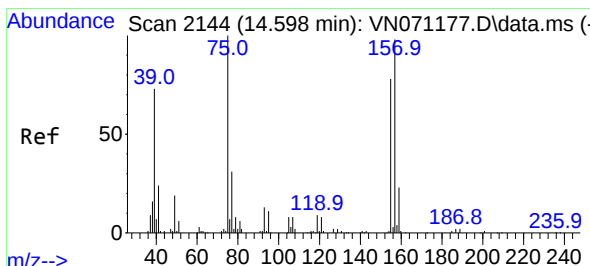
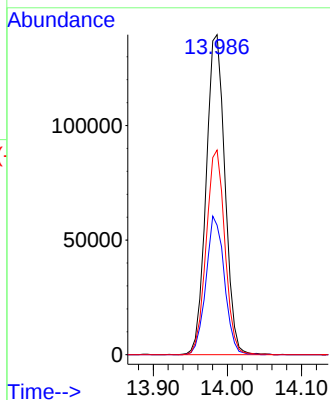
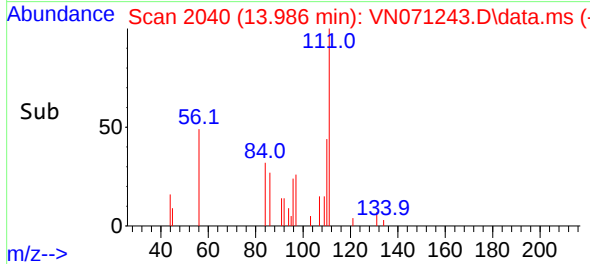
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



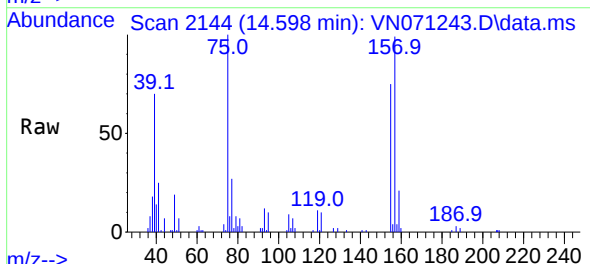
Tgt Ion:146 Resp: 24595
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 63.6 32.1 96.3

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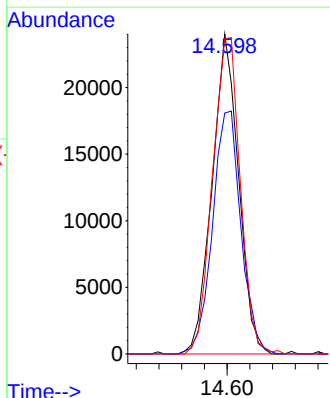
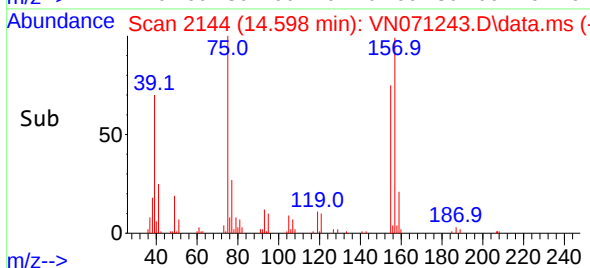
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

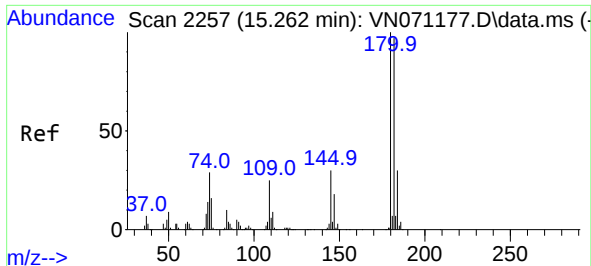


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.356 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



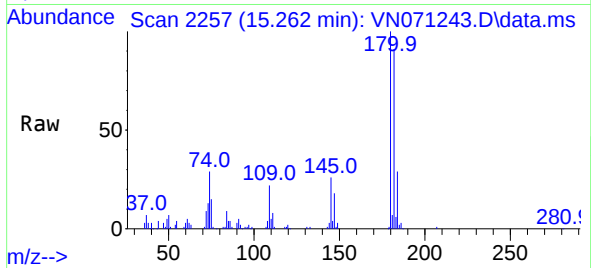
Tgt Ion: 75 Resp: 38947
Ion Ratio Lower Upper
75 100
155 80.9 46.9 140.7
157 103.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.215 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

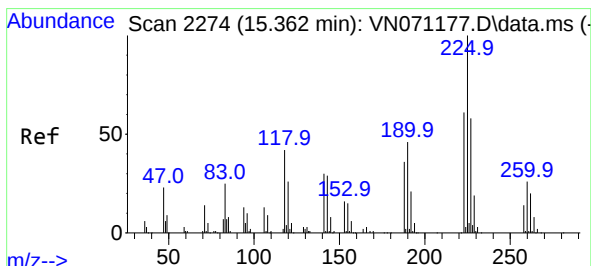
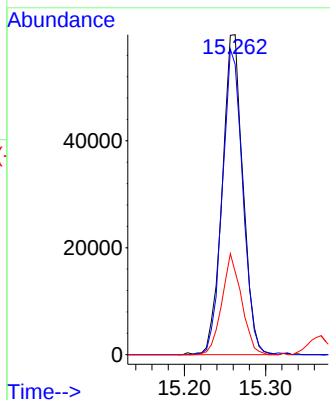
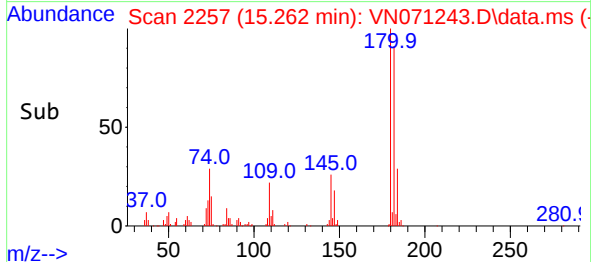
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



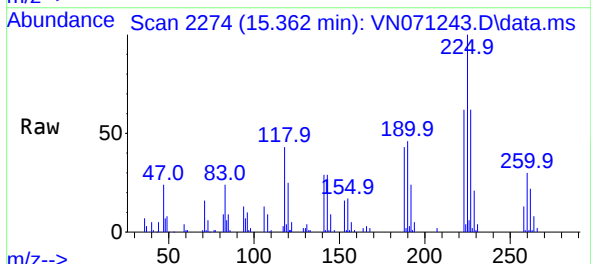
Tgt Ion:180 Resp: 10618
Ion Ratio Lower Upper
180 100
182 94.1 48.3 144.9
145 29.9 14.5 43.5

Manual Integrations
APPROVED

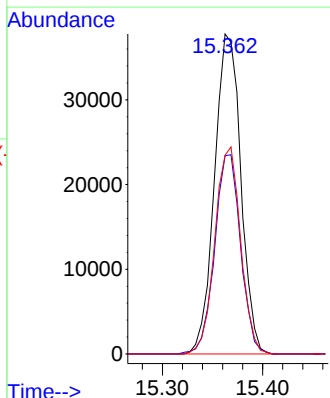
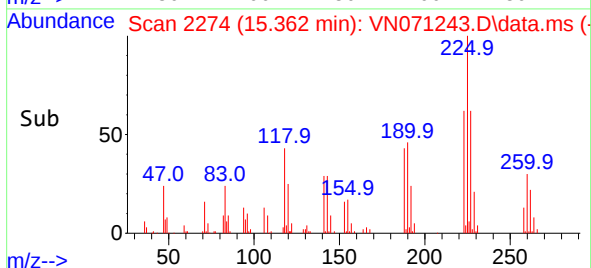
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

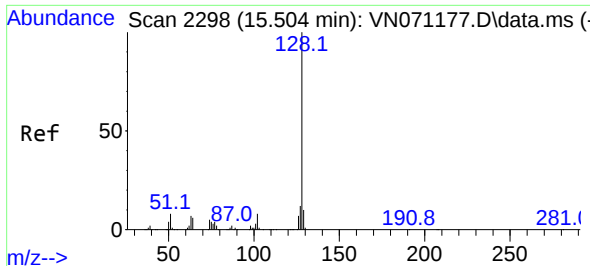


#94
Hexachlorobutadiene
Concen: 17.469 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



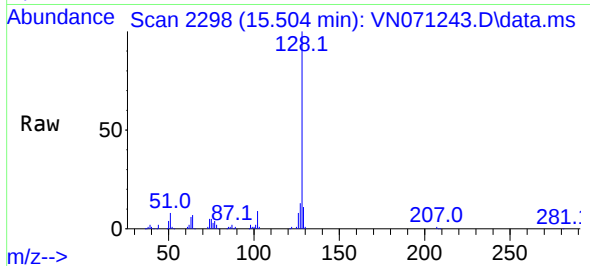
Tgt Ion:225 Resp: 68897
Ion Ratio Lower Upper
225 100
223 61.1 31.9 95.7
227 63.2 32.1 96.3





#95
Naphthalene
Concen: 18.289 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56

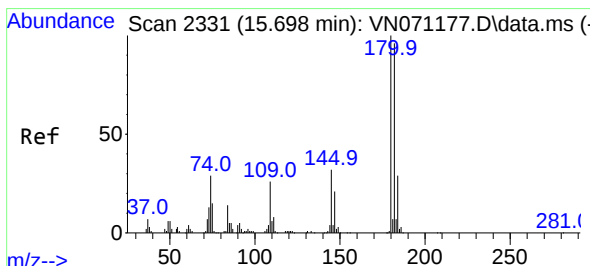
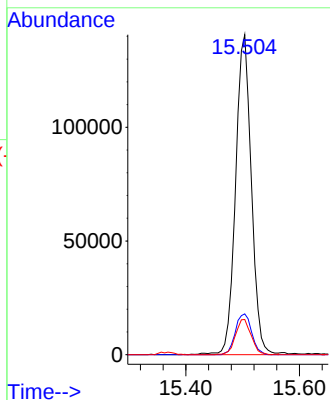
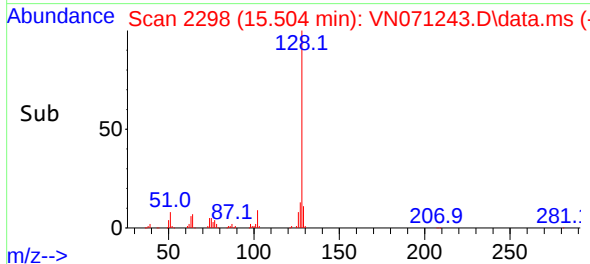
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



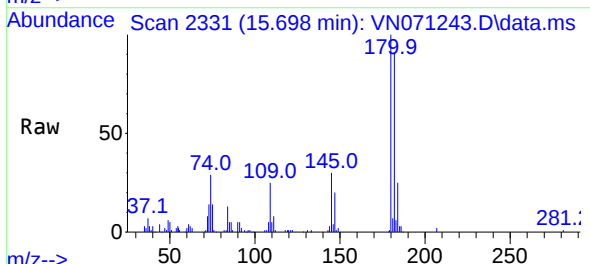
Tgt Ion:128 Resp: 269839
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
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Supervised By :Mahesh Dadoda 03/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.095 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071243.D
Acq: 11 Mar 2022 11:56



Tgt Ion:180 Resp: 102076
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.2
145 31.5 15.0 45.1

