

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071257.D
 Acq On : 14 Mar 2022 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 02:49:12 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	8.075	168	648137	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.963	114	1041971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	955754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	417274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	416008	46.832	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.660%		
35) Dibromofluoromethane	8.016	113	315712	48.016	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.040%		
50) Toluene-d8	10.434	98	1253606	47.353	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.700%		
62) 4-Bromofluorobenzene	12.722	95	445595	49.706	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	317789	44.737	ug/l	99
3) Chloromethane	2.299	50	438332	45.961	ug/l	100
4) Vinyl Chloride	2.440	62	410203	47.121	ug/l	99
5) Bromomethane	2.834	94	223748	58.585	ug/l	97
6) Chloroethane	3.005	64	258097	48.957	ug/l	97
7) Trichlorofluoromethane	3.369	101	541030	47.219	ug/l	96
8) Diethyl Ether	3.822	74	225416	45.974	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.211	101	314435	47.405	ug/l	95
10) Methyl Iodide	4.416	142	401460	42.852	ug/l	99
11) Tert butyl alcohol	5.352	59	344540	197.441	ug/l	98
12) 1,1-Dichloroethene	4.181	96	305000	46.939	ug/l	94
13) Acrolein	4.034	56	357800	193.718	ug/l	100
14) Allyl chloride	4.834	41	652406	46.163	ug/l	88
15) Acrylonitrile	5.540	53	1102723	212.818	ug/l	99
16) Acetone	4.275	43	1240839	287.087	ug/l	98
17) Carbon Disulfide	4.528	76	800035	43.248	ug/l	99
18) Methyl Acetate	4.846	43	536278	46.235	ug/l	96
19) Methyl tert-butyl Ether	5.605	73	1182719	48.480	ug/l	95
20) Methylene Chloride	5.093	84	368470	46.670	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	327709	46.108	ug/l	86
22) Diisopropyl ether	6.487	45	1317882	47.333	ug/l	94
23) Vinyl Acetate	6.422	43	5697322	241.710	ug/l	98
24) 1,1-Dichloroethane	6.381	63	689865	46.890	ug/l	99
25) 2-Butanone	7.322	43	1651374	237.181	ug/l	97
26) 2,2-Dichloropropane	7.316	77	578154	50.938	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	396386	46.991	ug/l	90
28) Bromochloromethane	7.652	49	295128	45.046	ug/l	83
29) Tetrahydrofuran	7.675	42	1022726	212.032	ug/l	91
30) Chloroform	7.810	83	663216	47.264	ug/l	98
31) Cyclohexane	8.093	56	637312	44.928	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	573654	47.993	ug/l	97
36) 1,1-Dichloropropene	8.216	75	505311	47.965	ug/l	96
37) Ethyl Acetate	7.404	43	608082	41.941	ug/l	98
38) Carbon Tetrachloride	8.199	117	489387	48.026	ug/l	99
39) Methylcyclohexane	9.457	83	629899	50.826	ug/l	96
40) Benzene	8.451	78	1511261	47.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	330995	46.649	ug/l #	85
42) 1,2-Dichloroethane	8.522	62	540056	48.894	ug/l	98
43) Isopropyl Acetate	8.551	43	976441	45.036	ug/l	97
44) Trichloroethene	9.210	130	368664	49.226	ug/l	94
45) 1,2-Dichloropropane	9.481	63	405034	47.536	ug/l	98
46) Dibromomethane	9.569	93	250783	47.820	ug/l	97
47) Bromodichloromethane	9.757	83	519920	49.057	ug/l	98
48) Methyl methacrylate	9.551	41	467743	46.553	ug/l #	84
49) 1,4-Dioxane	9.563	88	151248	866.014	ug/l	89
51) 4-Methyl-2-Pentanone	10.322	43	3016407	224.175	ug/l	100
52) Toluene	10.498	92	943045	48.249	ug/l	96
53) t-1,3-Dichloropropene	10.710	75	588451	50.368	ug/l	99
54) cis-1,3-Dichloropropene	10.181	75	641153	50.226	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	366484	46.793	ug/l	98
56) Ethyl methacrylate	10.751	69	619930	48.469	ug/l	91
57) 1,3-Dichloropropane	11.040	76	658938	46.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	984550	353.417	ug/l	95
59) 2-Hexanone	11.081	43	2240242	244.012	ug/l	99
60) Dibromochloromethane	11.234	129	392541	50.443	ug/l	100
61) 1,2-Dibromoethane	11.340	107	372631	46.552	ug/l	99
64) Tetrachloroethene	10.969	164	319623	47.950	ug/l	95
65) Chlorobenzene	11.763	112	985311	48.004	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.834	131	365591	48.576	ug/l	100
67) Ethyl Benzene	11.839	91	1824345	50.269	ug/l	98
68) m/p-Xylenes	11.945	106	1390214	104.713	ug/l	97
69) o-Xylene	12.275	106	685715	51.526	ug/l	98
70) Styrene	12.287	104	1115063	54.128	ug/l	97
71) Bromoform	12.451	173	290858	50.889	ug/l #	99
73) Isopropylbenzene	12.575	105	1779557	44.241	ug/l	100
74) N-amyl acetate	12.381	43	702134	46.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	560249	46.701	ug/l	98
76) 1,2,3-Trichloropropane	12.875	75	546763m	54.306	ug/l	
77) Bromobenzene	12.851	156	410827	43.799	ug/l	82
78) n-propylbenzene	12.916	91	2037860	47.212	ug/l	97
79) 2-Chlorotoluene	12.998	91	1235218	44.580	ug/l	94
80) 1,3,5-Trimethylbenzene	13.051	105	1460684	46.675	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	187262	48.512	ug/l	89
82) 4-Chlorotoluene	13.098	91	1193199	48.346	ug/l	94
83) tert-Butylbenzene	13.316	119	1256990	45.008	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	1434574	47.858	ug/l	100
85) sec-Butylbenzene	13.492	105	1792182	48.279	ug/l	99
86) p-Isopropyltoluene	13.610	119	1474484	50.507	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	717514	47.079	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	697400	46.813	ug/l	97
89) n-Butylbenzene	13.933	91	1180981	51.721	ug/l	96
90) Hexachloroethane	14.204	117	260011	44.787	ug/l	89
91) 1,2-Dichlorobenzene	13.981	146	688123	46.963	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	102002	43.583	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	323158	47.420	ug/l	98
94) Hexachlorobutadiene	15.363	225	198719	48.311	ug/l	98
95) Naphthalene	15.498	128	894028	47.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	310025	47.470	ug/l	98

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

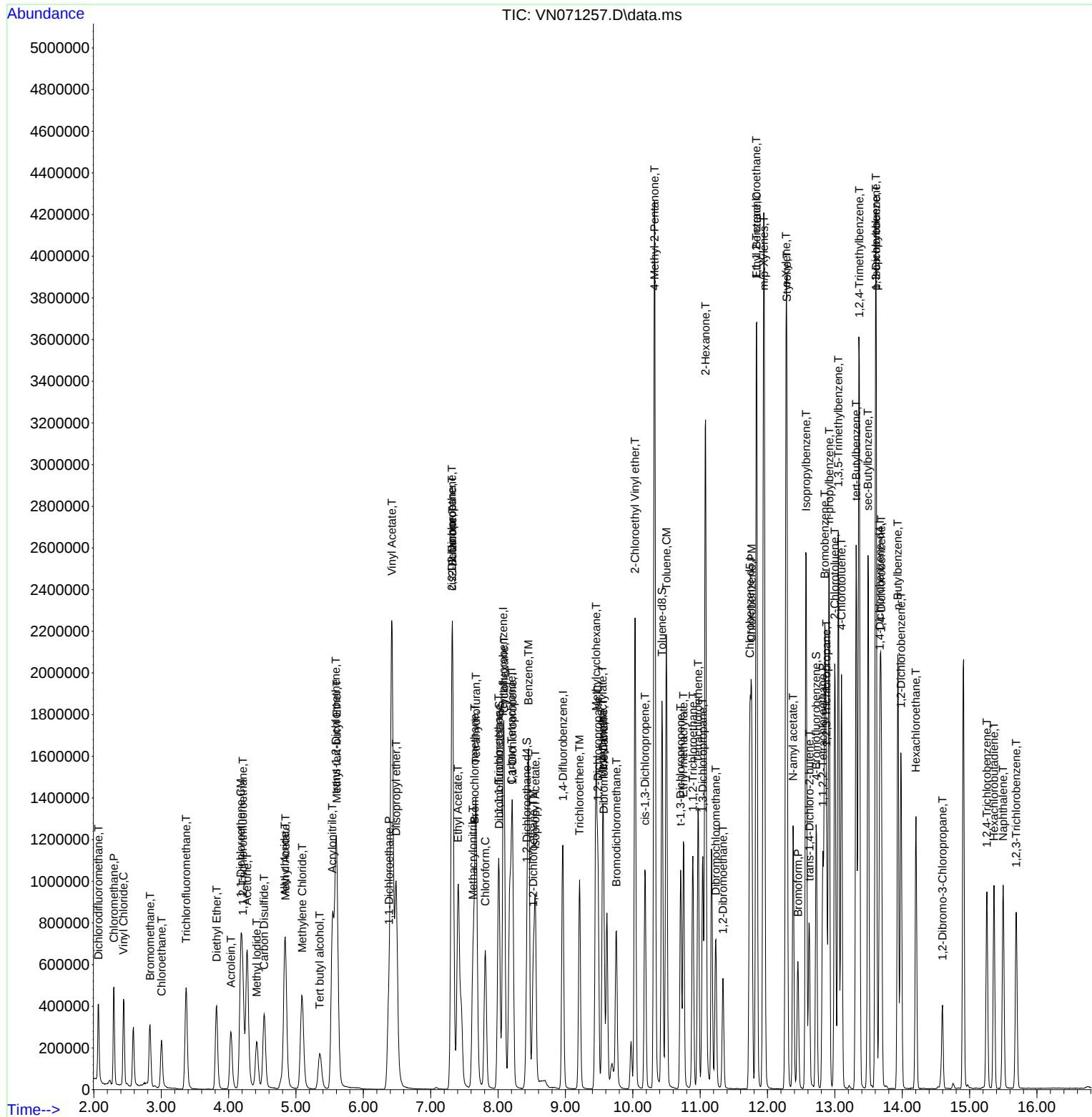
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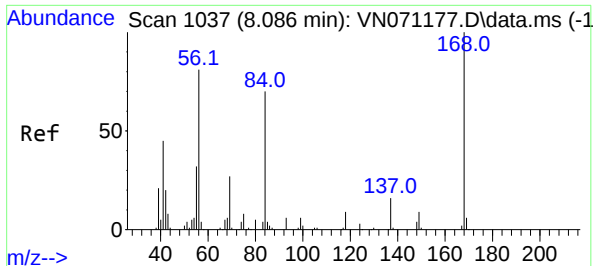
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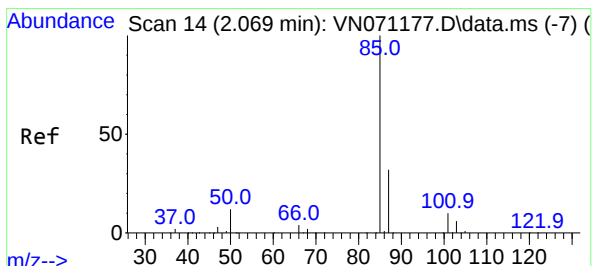
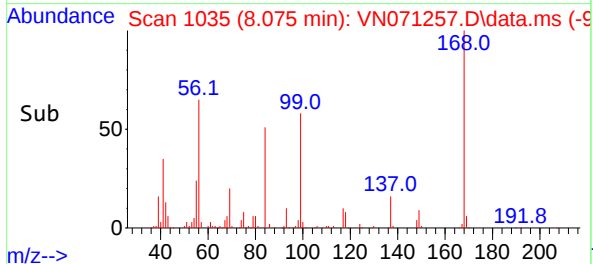
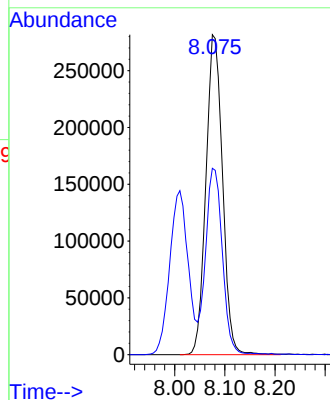
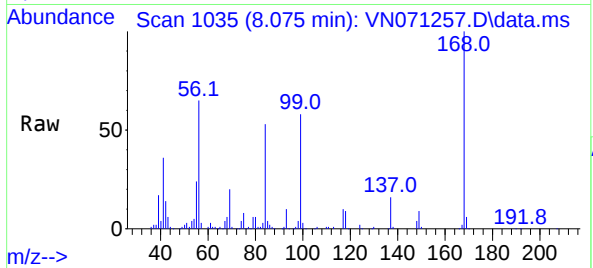
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.011 min
Lab File: VN071257.D
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Tgt Ion:168 Resp: 64813
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9

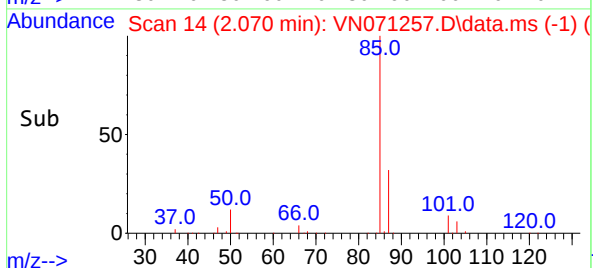
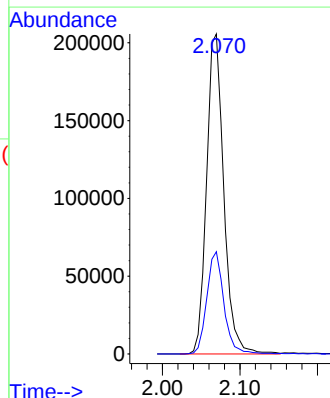
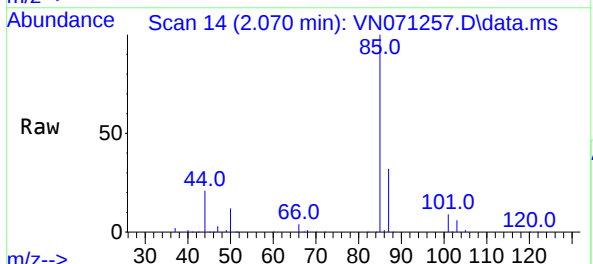
Manual Integrations
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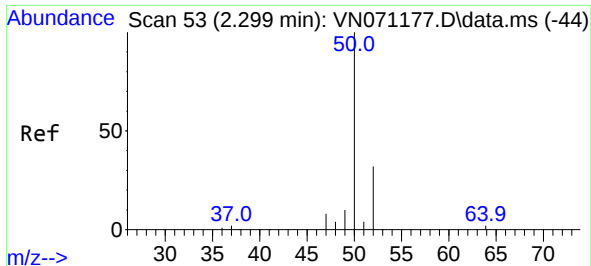
Reviewed By :John Carlone 03/15/2022
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#2
Dichlorodifluoromethane
Concen: 44.737 ug/l
RT: 2.070 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

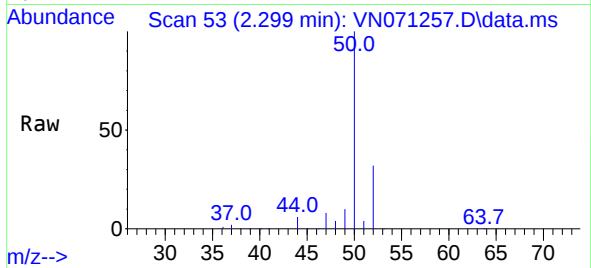
Tgt Ion: 85 Resp: 317789
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 45.961 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

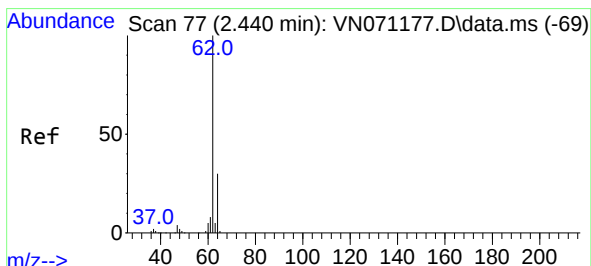
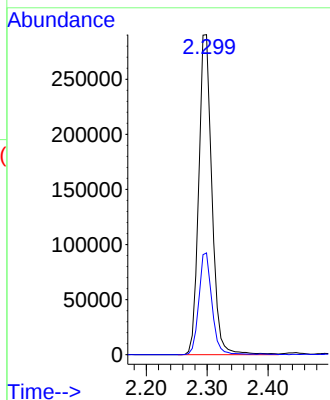
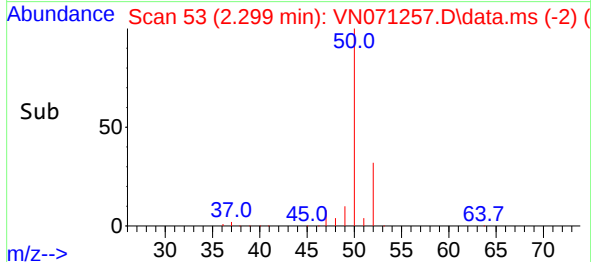
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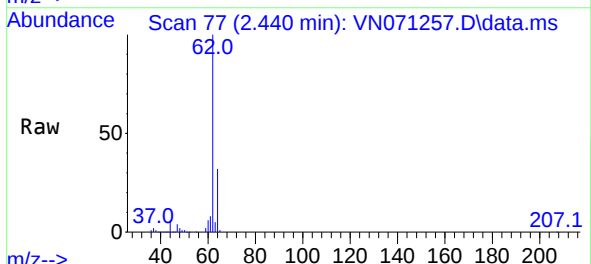
Tgt Ion: 50 Resp: 43833
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

Manual Integrations
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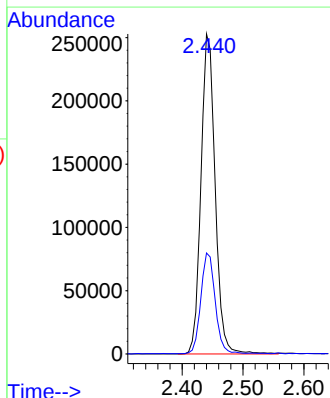
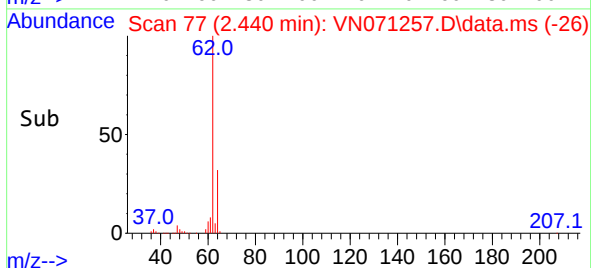
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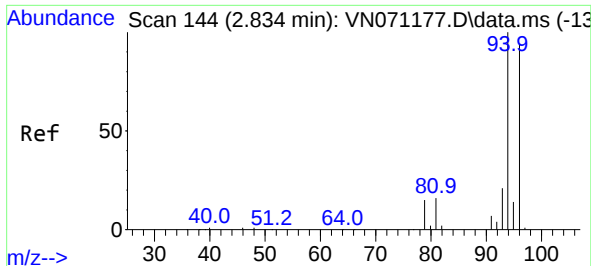


#4
Vinyl Chloride
Concen: 47.121 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



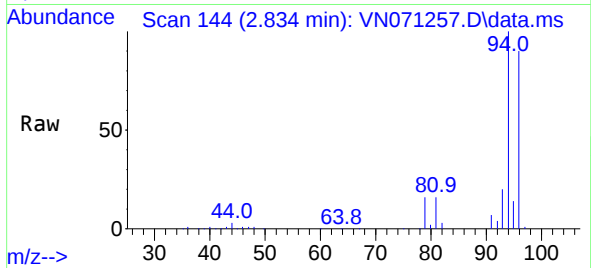
Tgt Ion: 62 Resp: 410203
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 58.585 ug/l
RT: 2.834 min Scan# 144
Delta R.T. 0.000 min
Lab File: VN071257.D
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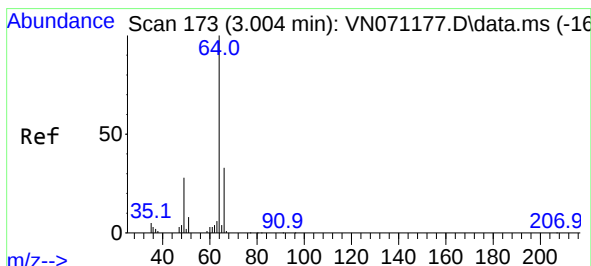
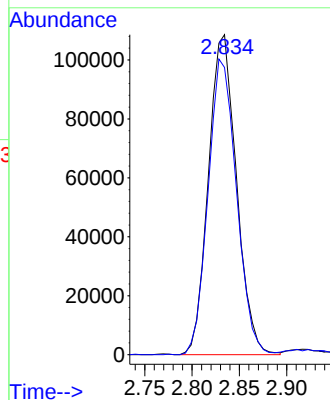
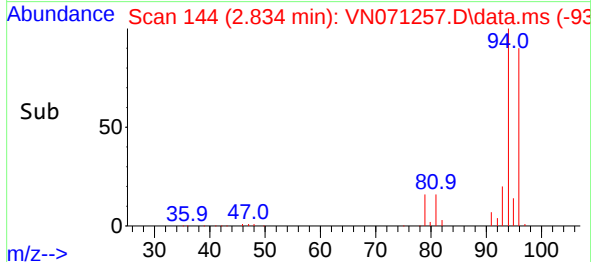
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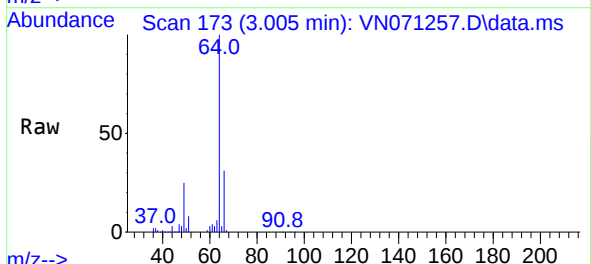
Tgt Ion: 94 Resp: 223748
Ion Ratio Lower Upper
94 100
96 89.8 73.8 110.8

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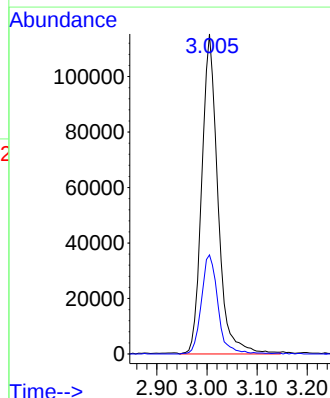
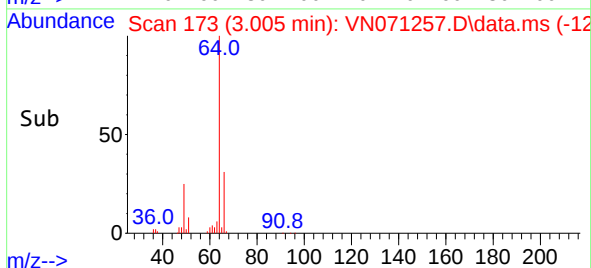
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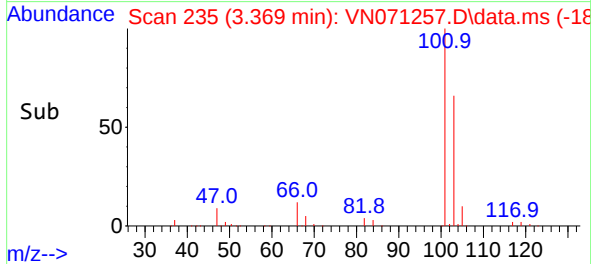
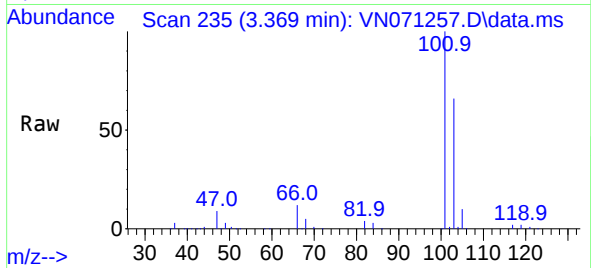
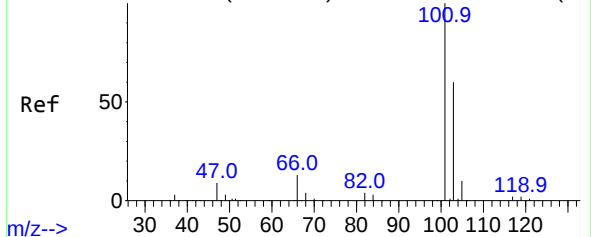
#6
Chloroethane
Concen: 48.957 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.001 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion: 64 Resp: 258097
Ion Ratio Lower Upper
64 100
66 31.0 26.3 39.5



Abundance Scan 235 (3.369 min): VN071177.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 47.219 ug/l

RT: 3.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN071257.D

Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 541030

Ion Ratio Lower Upper

101 100

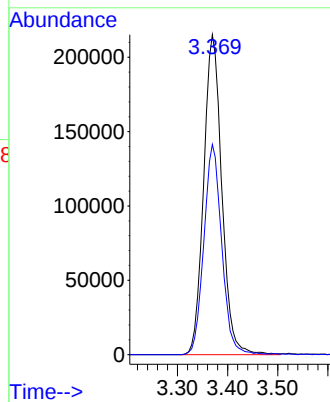
103 65.7 50.1 75.1

Manual Integrations

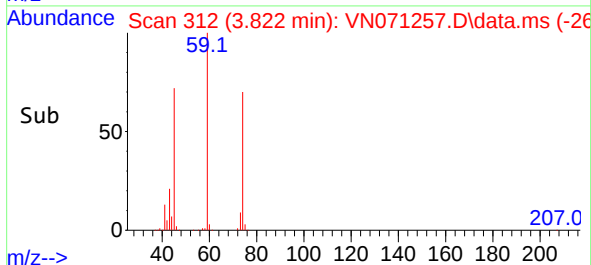
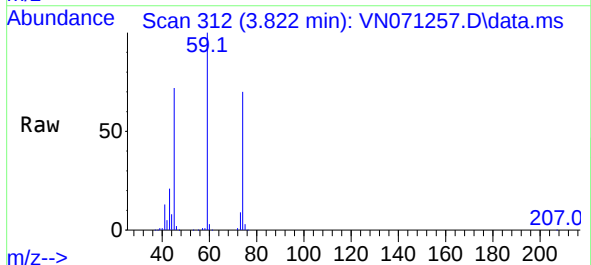
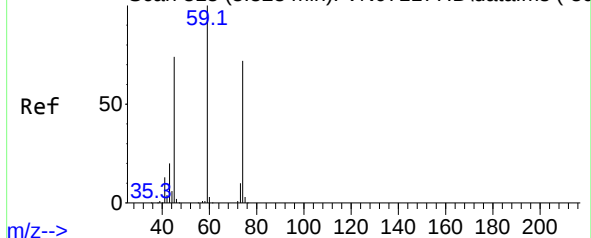
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Abundance Scan 313 (3.828 min): VN071177.D\data.ms (-30



#8

Diethyl Ether

Concen: 45.974 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071257.D

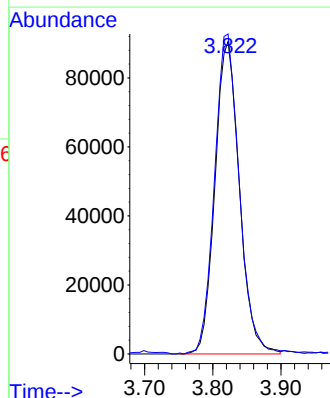
Acq: 14 Mar 2022 10:24

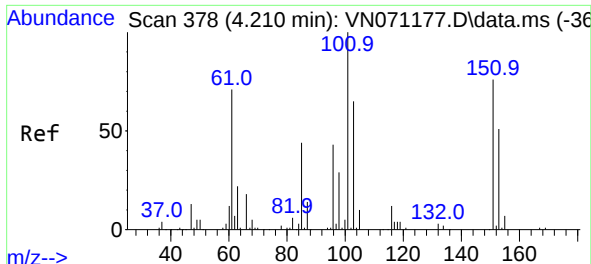
Tgt Ion: 74 Resp: 225416

Ion Ratio Lower Upper

74 100

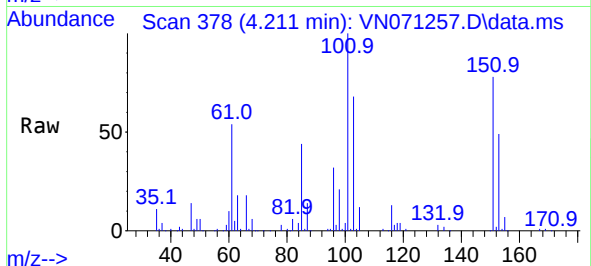
45 104.5 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.405 ug/l
RT: 4.211 min Scan# 31443
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

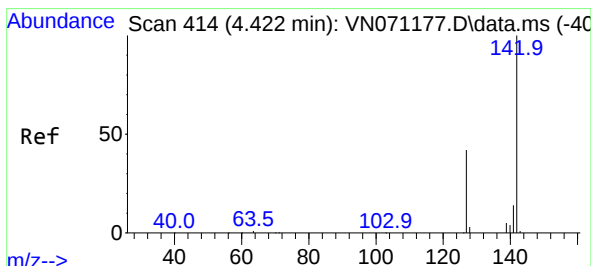
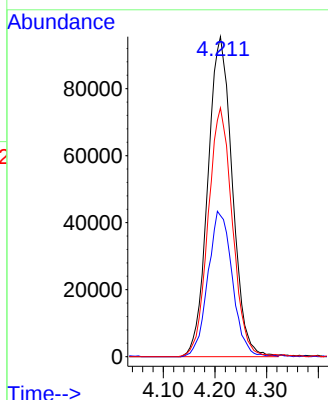
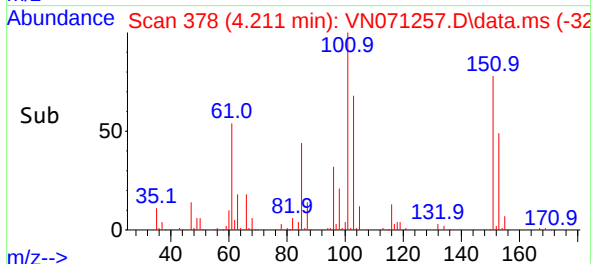
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



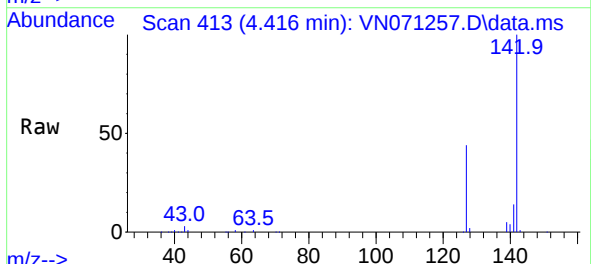
Tgt Ion:101 Resp: 31443
Ion Ratio Lower Upper
101 100
85 45.2 37.2 55.8
151 76.9 65.9 98.9

Manual Integrations
APPROVED

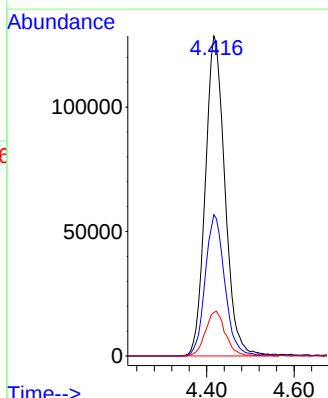
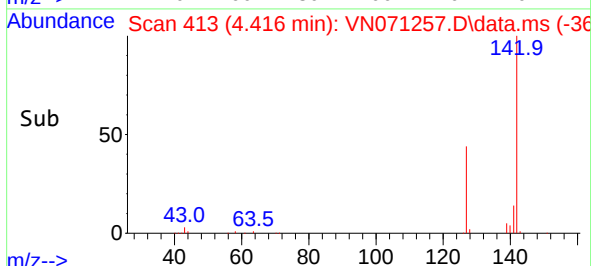
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

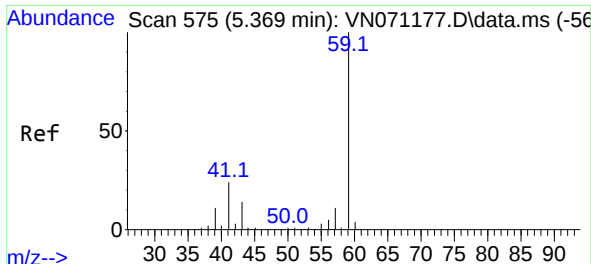


#10
Methyl Iodide
Concen: 42.852 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



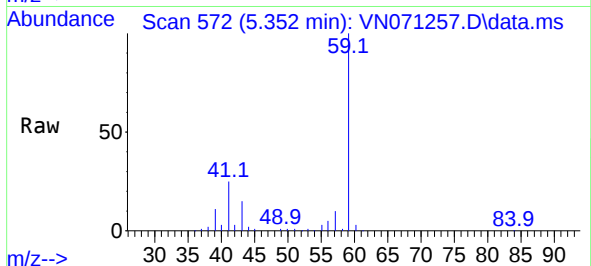
Tgt Ion:142 Resp: 401460
Ion Ratio Lower Upper
142 100
127 43.9 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 197.441 ug/l
RT: 5.352 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

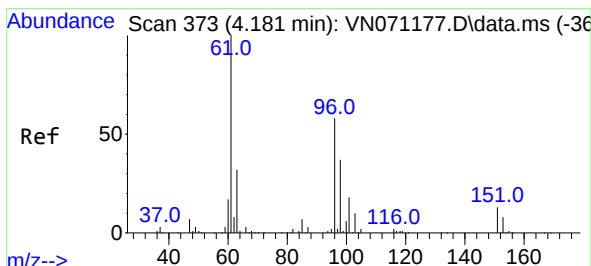
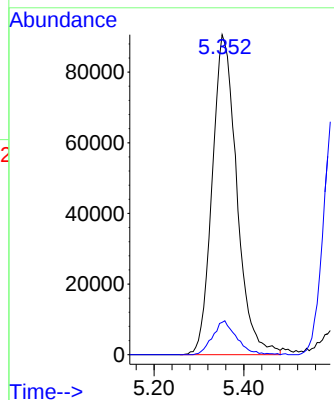
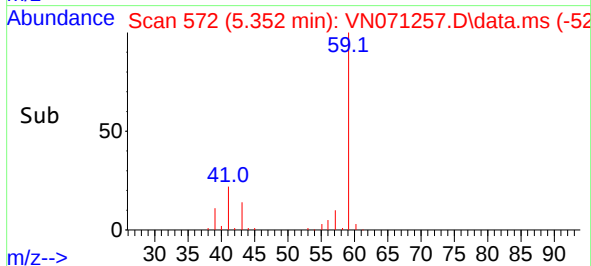
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



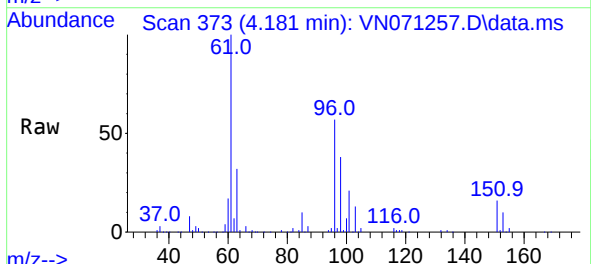
Tgt Ion: 59 Resp: 344540
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

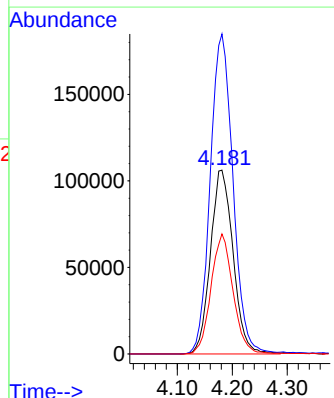
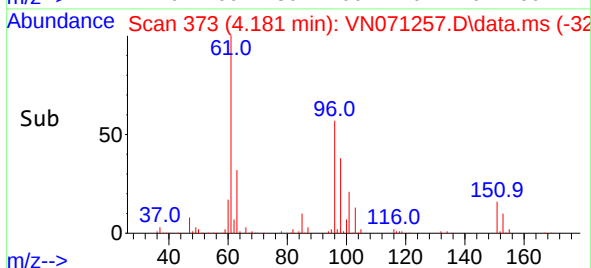
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

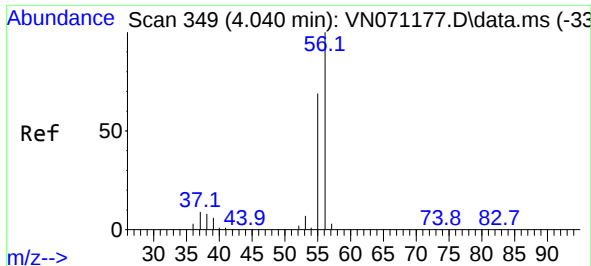


#12
1,1-Dichloroethene
Concen: 46.939 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



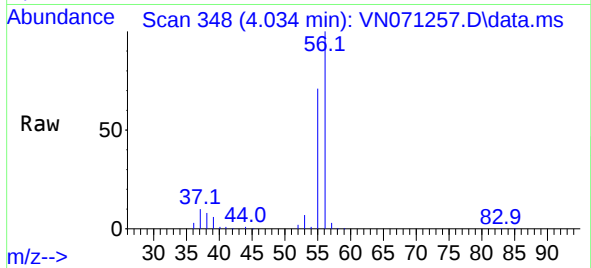
Tgt Ion: 96 Resp: 305000
Ion Ratio Lower Upper
96 100
61 174.1 131.0 196.6
98 65.3 52.4 78.6





#13
Acrolein
Concen: 193.718 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

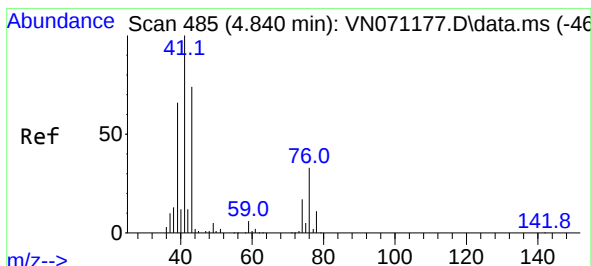
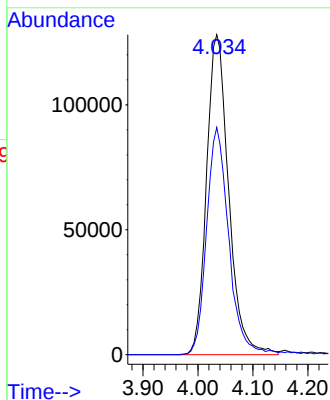
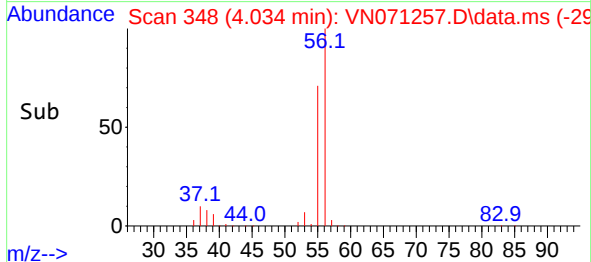
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 357800
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

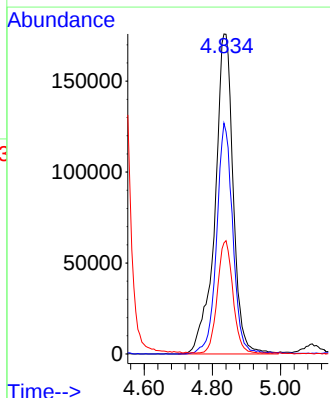
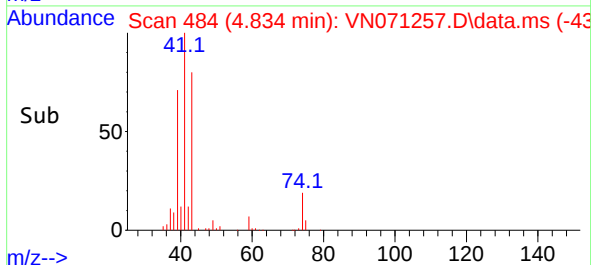
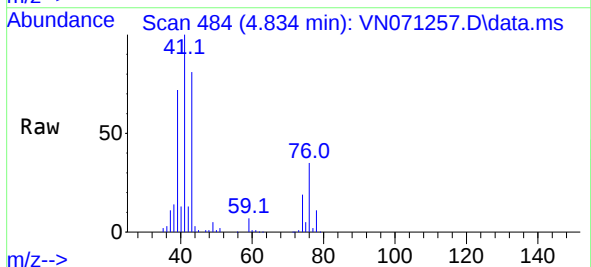
Manual Integrations
APPROVED

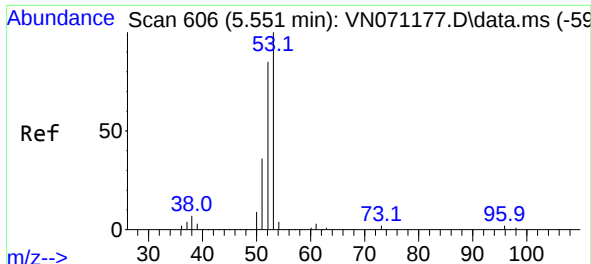
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#14
Allyl chloride
Concen: 46.163 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

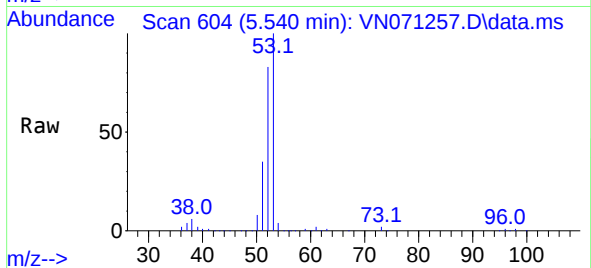
Tgt Ion: 41 Resp: 652406
Ion Ratio Lower Upper
41 100
39 63.6 61.2 91.8
76 29.9 26.0 39.0





#15
Acrylonitrile
Concen: 212.818 ug/l
RT: 5.540 min Scan# 606
Delta R.T. -0.011 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

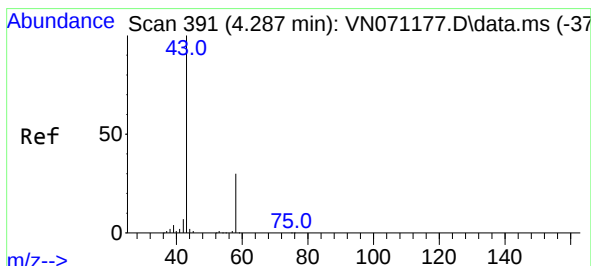
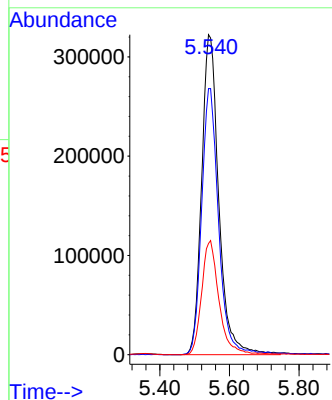
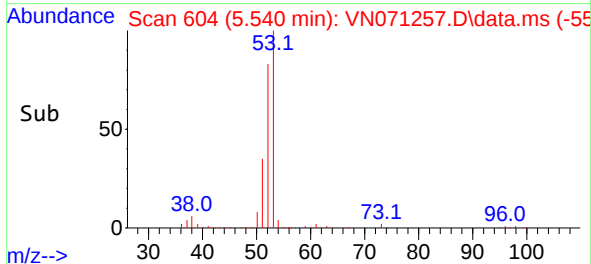
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 110272
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.2
51 35.8 29.6 44.4

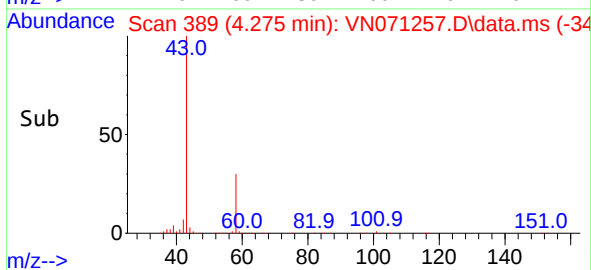
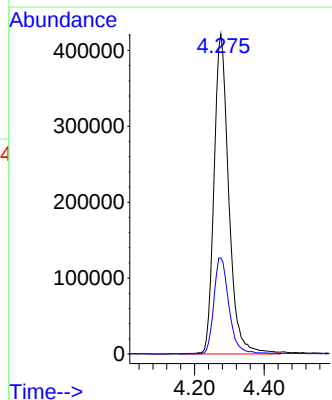
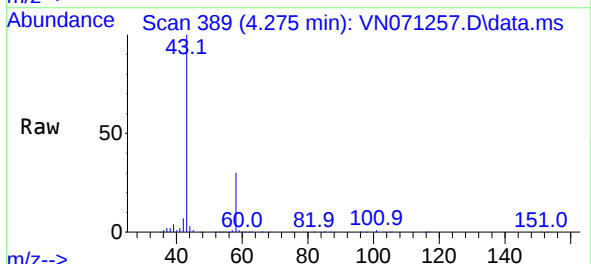
Manual Integrations
APPROVED

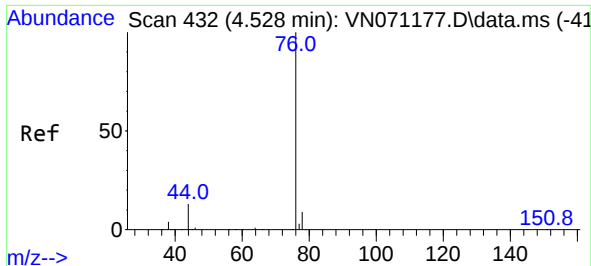
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 287.087 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.011 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

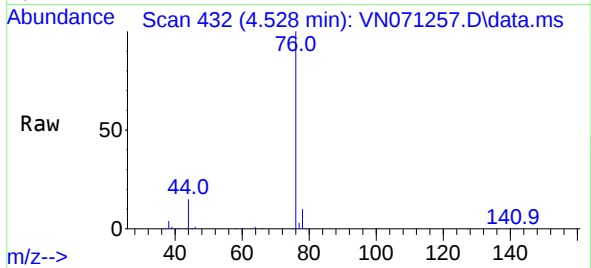
Tgt Ion: 43 Resp: 1240839
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7





#17
Carbon Disulfide
Concen: 43.248 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

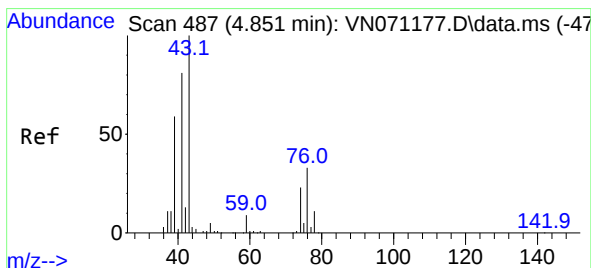
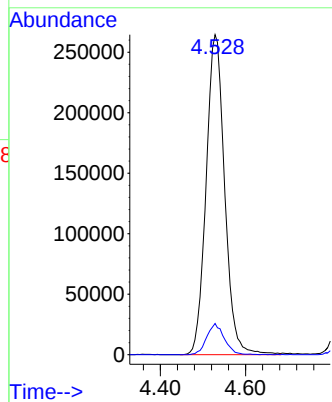
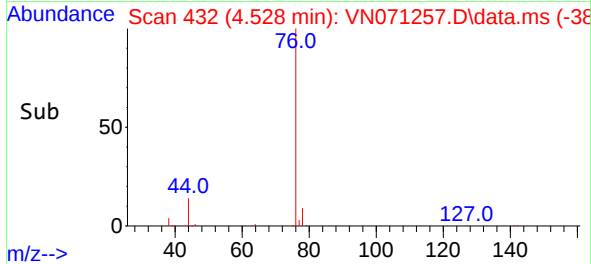
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



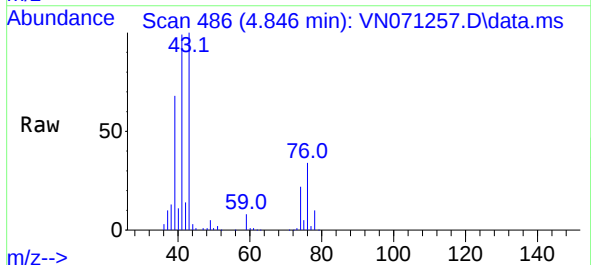
Tgt Ion: 76 Resp: 800035
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

Manual Integrations
APPROVED

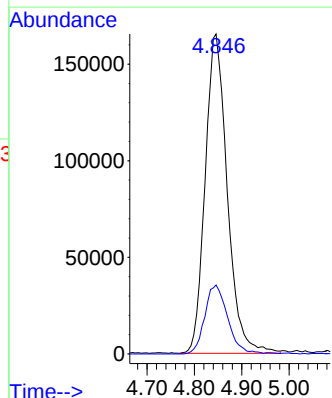
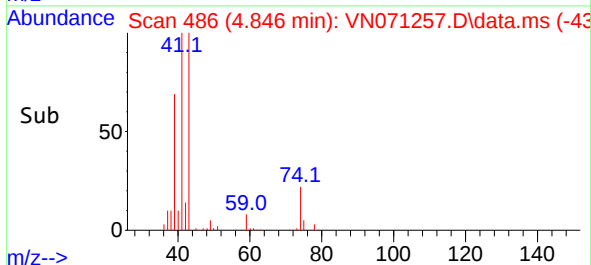
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

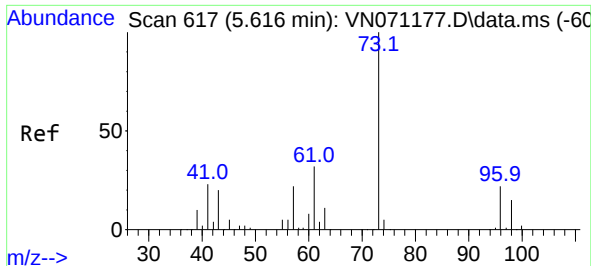


#18
Methyl Acetate
Concen: 46.235 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion: 43 Resp: 536278
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 48.480 ug/l

RT: 5.605 min Scan# 617

Delta R.T. -0.011 min

Lab File: VN071257.D

Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 1182719

Ion Ratio Lower Upper

73 100

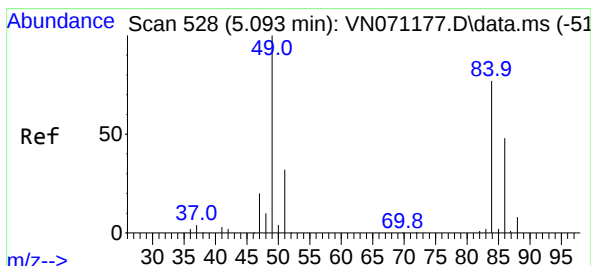
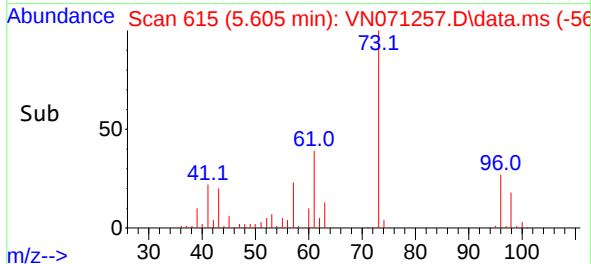
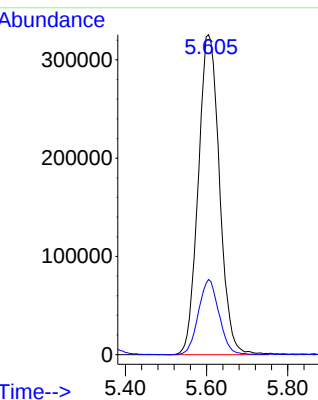
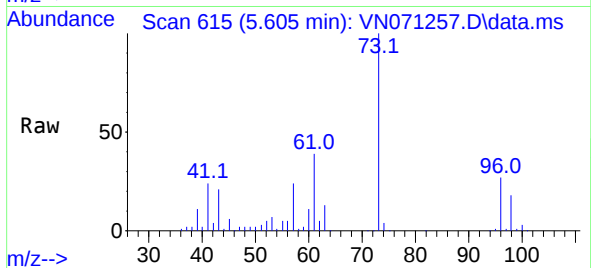
57 23.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#20

Methylene Chloride

Concen: 46.670 ug/l

RT: 5.093 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071257.D

Acq: 14 Mar 2022 10:24

Tgt Ion: 84 Resp: 368470

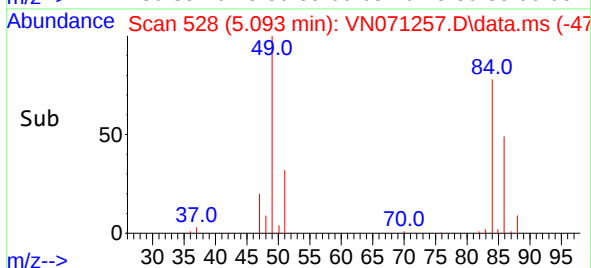
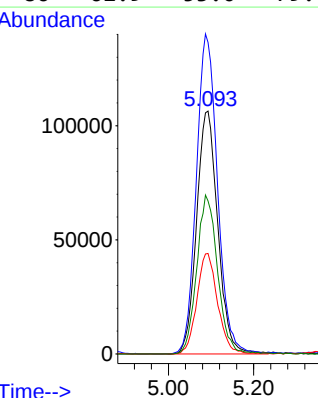
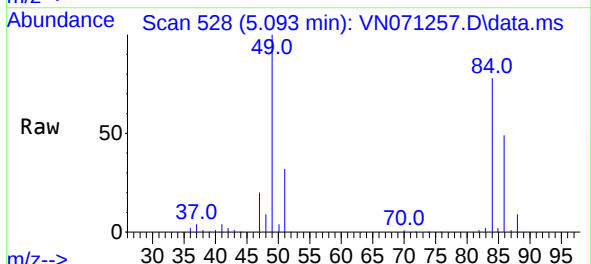
Ion Ratio Lower Upper

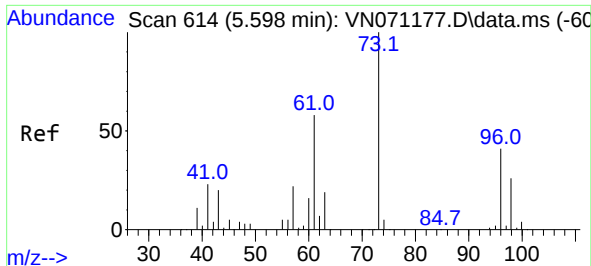
84 100

49 128.2 93.5 140.3

51 41.4 29.4 44.2

86 62.9 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 46.108 ug/l

RT: 5.593 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN071257.D

Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 327709

Ion Ratio Lower Upper

96 100

61 155.9 105.8 158.6

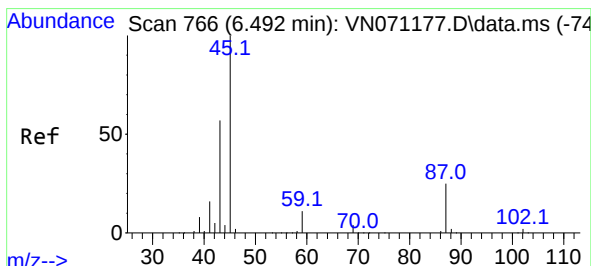
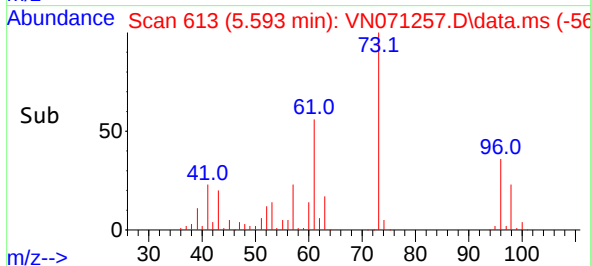
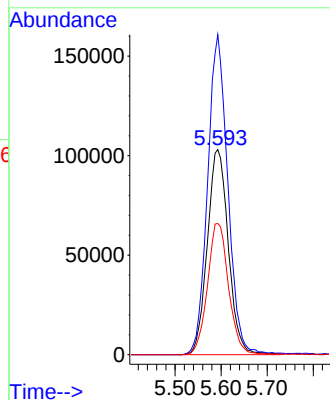
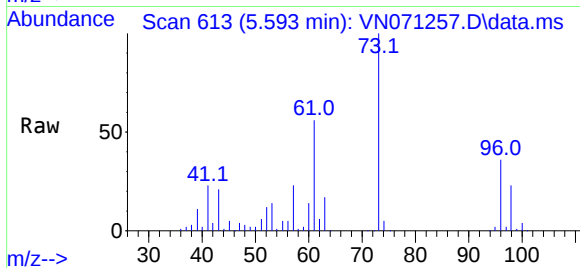
98 63.9 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#22

Diisopropyl ether

Concen: 47.333 ug/l

RT: 6.487 min Scan# 765

Delta R.T. -0.006 min

Lab File: VN071257.D

Acq: 14 Mar 2022 10:24

Tgt Ion: 45 Resp: 1317882

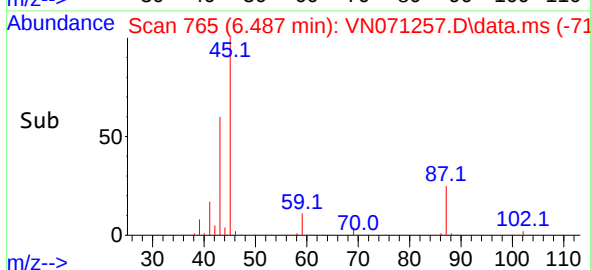
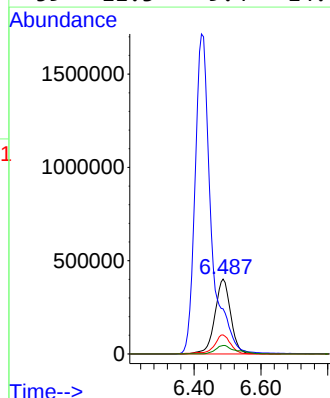
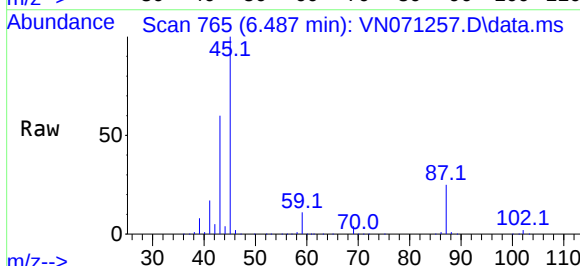
Ion Ratio Lower Upper

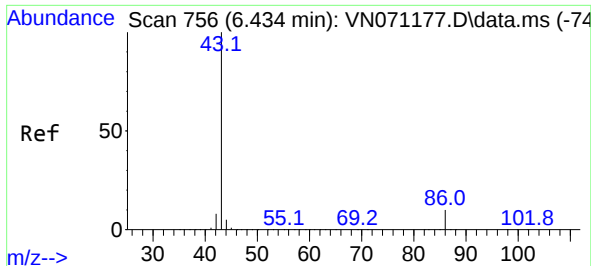
45 100

43 59.7 51.7 77.5

87 25.5 23.2 34.8

59 11.3 9.4 14.0





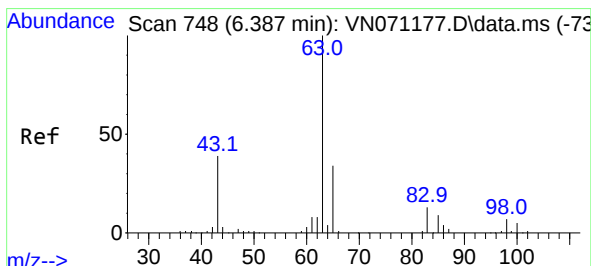
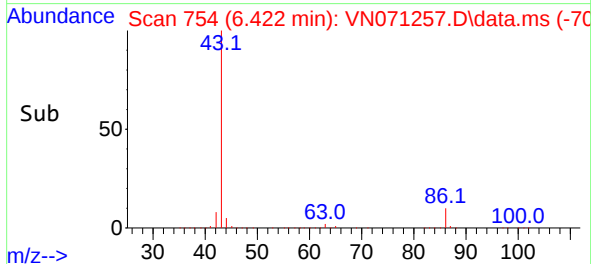
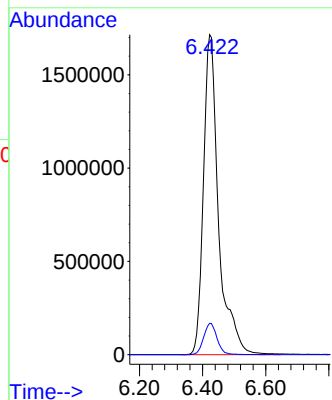
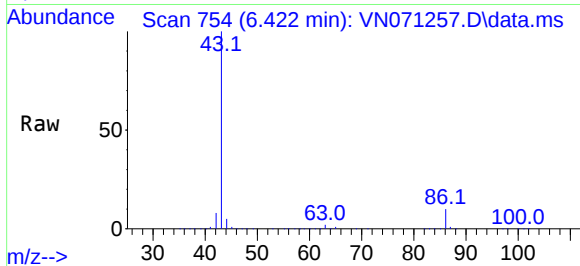
#23
 Vinyl Acetate
 Concen: 241.710 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. -0.011 min
 Lab File: VN071257.D
 Acq: 14 Mar 2022 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 569732
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

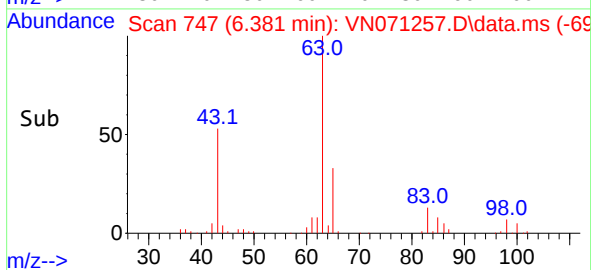
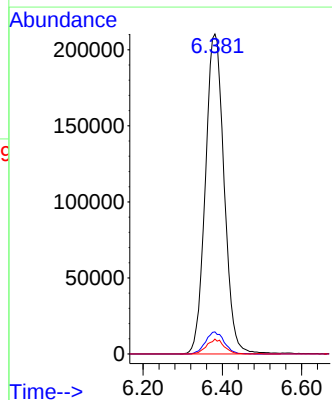
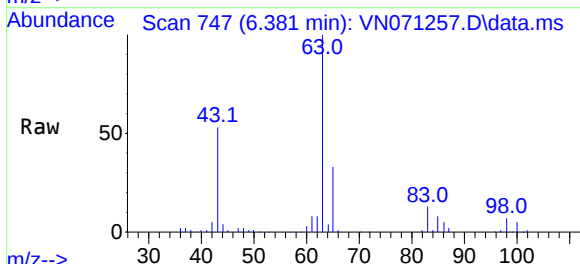
Manual Integrations
 APPROVED

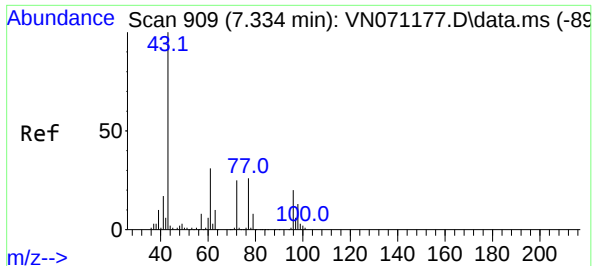
Reviewed By :John Carlone 03/15/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#24
 1,1-Dichloroethane
 Concen: 46.890 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071257.D
 Acq: 14 Mar 2022 10:24

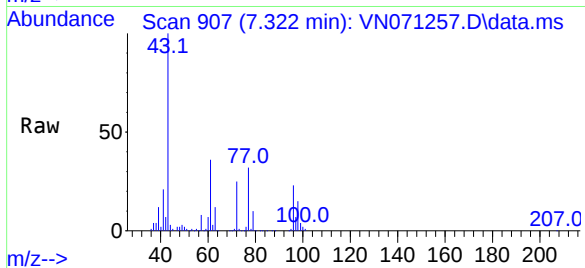
Tgt Ion: 63 Resp: 689865
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 237.181 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.011 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

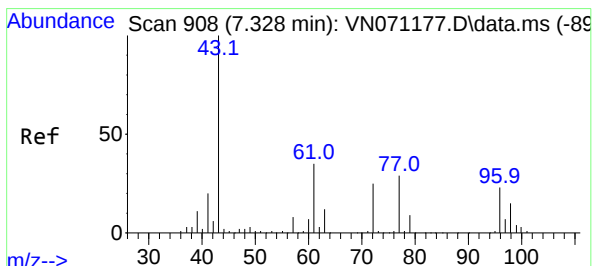
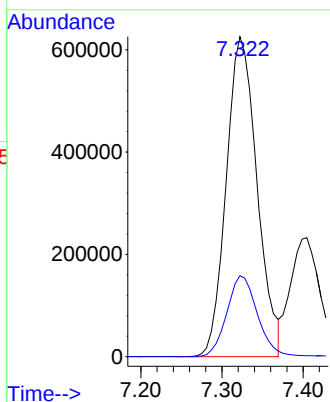
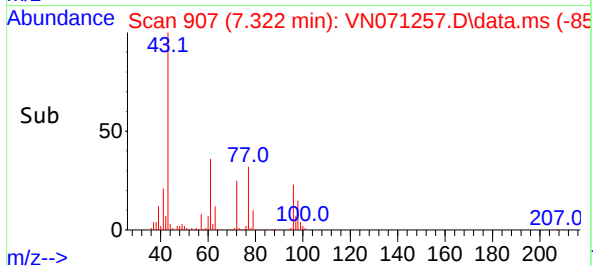
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



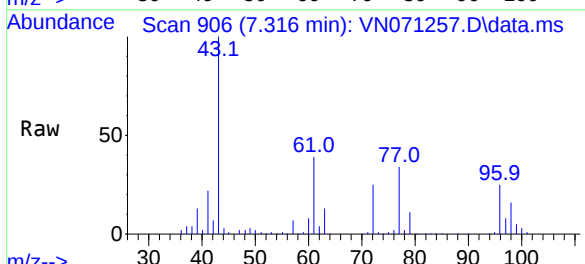
Tgt Ion: 43 Resp: 1651374
Ion Ratio Lower Upper
43 100
72 25.3 21.7 32.5

Manual Integrations
APPROVED

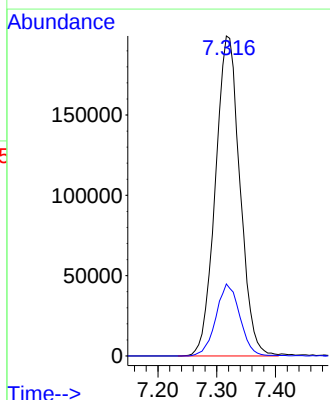
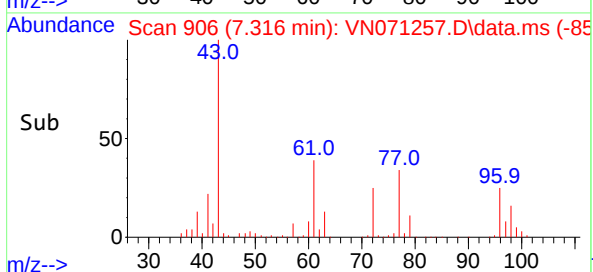
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

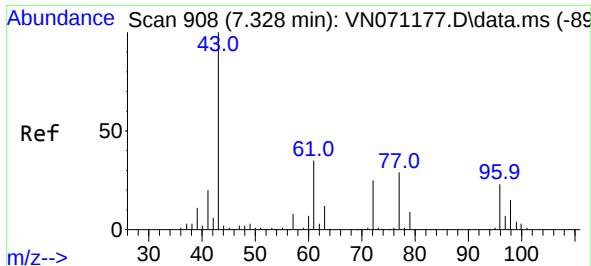


#26
2,2-Dichloropropane
Concen: 50.938 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.011 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion: 77 Resp: 578154
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





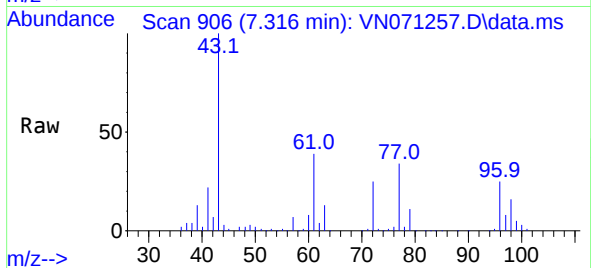
#27
cis-1,2-Dichloroethene
Concen: 46.991 ug/l
RT: 7.316 min Scan# 908
Delta R.T. -0.011 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



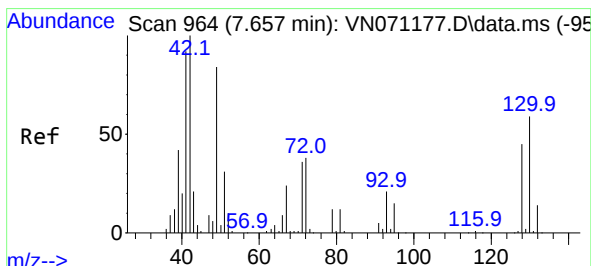
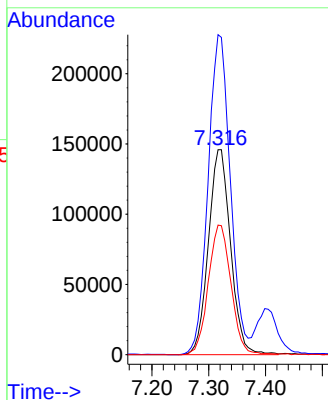
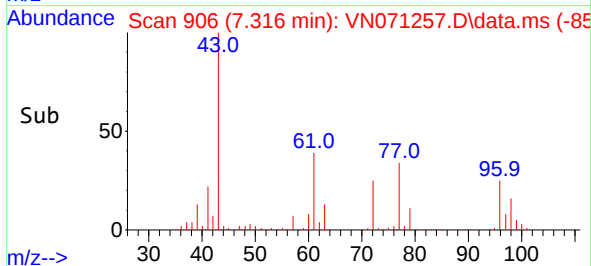
Tgt Ion: 96 Resp: 396380
Ion Ratio Lower Upper
96 100
61 155.9 0.0 275.0
98 64.6 0.0 129.6

Manual Integrations

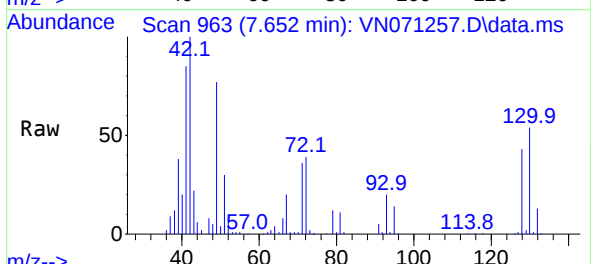
APPROVED

Reviewed By :John Carlone 03/15/2022

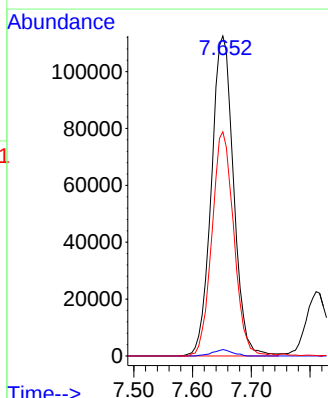
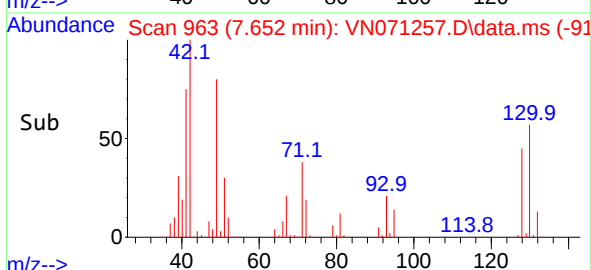
Supervised By :Mahesh Dadoda 03/15/2022

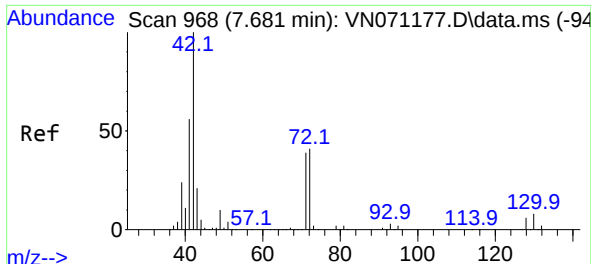


#28
Bromochloromethane
Concen: 45.046 ug/l
RT: 7.652 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



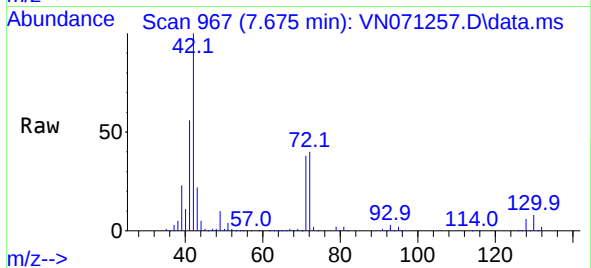
Tgt Ion: 49 Resp: 295128
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 69.0 67.8 101.8





#29
Tetrahydrofuran
Concen: 212.032 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

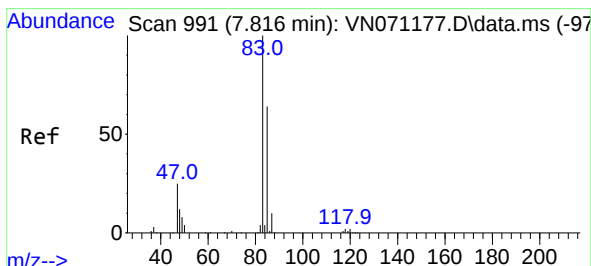
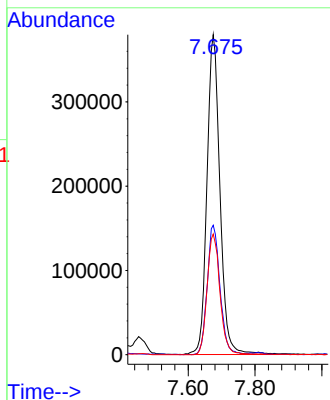
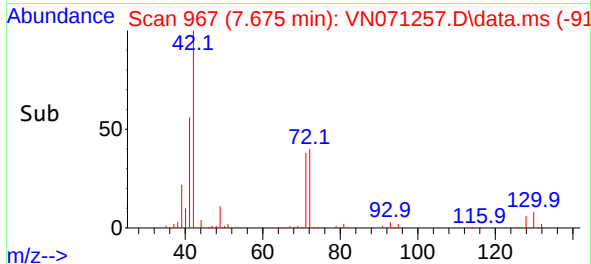
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



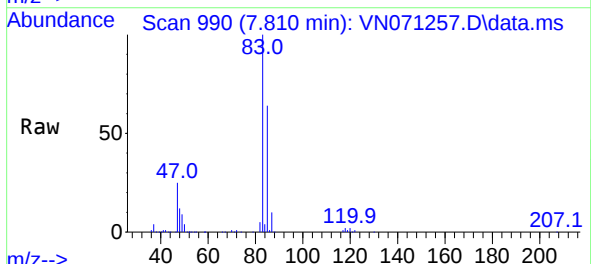
Tgt Ion: 42 Resp: 1022720
Ion Ratio Lower Upper
42 100
72 39.8 36.3 54.5
71 37.5 34.7 52.1

Manual Integrations
APPROVED

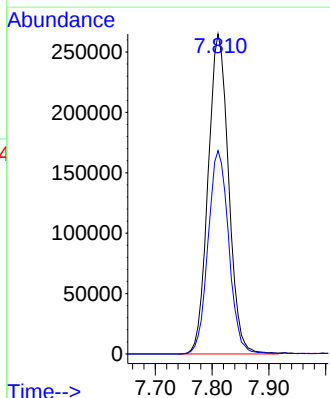
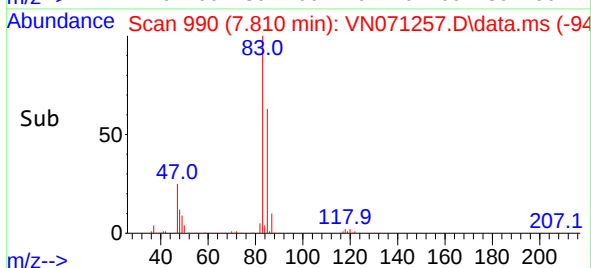
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

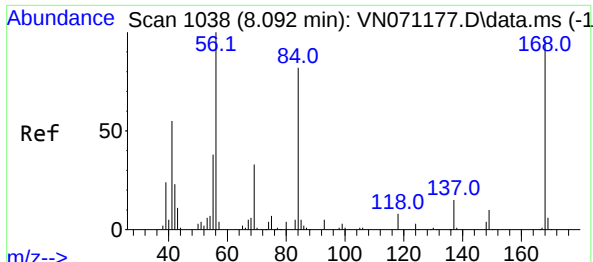


#30
Chloroform
Concen: 47.264 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



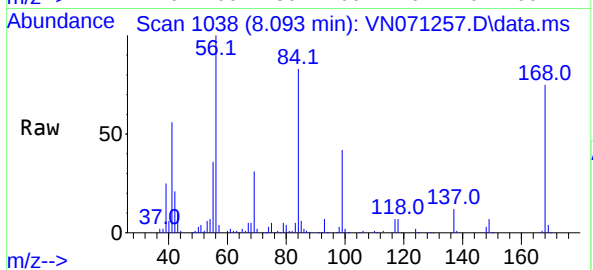
Tgt Ion: 83 Resp: 663216
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9





#31
Cyclohexane
Concen: 44.928 ug/l
RT: 8.093 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

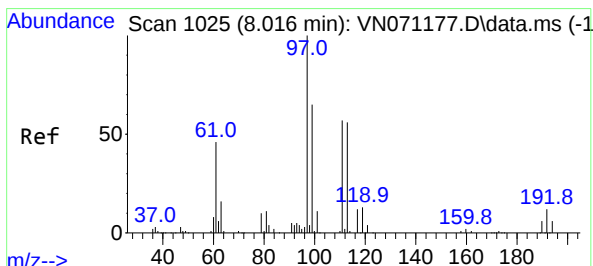
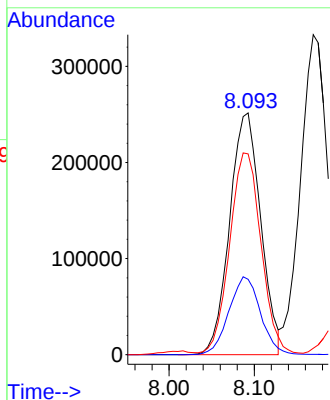
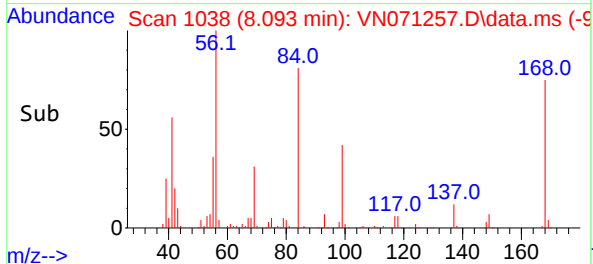
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



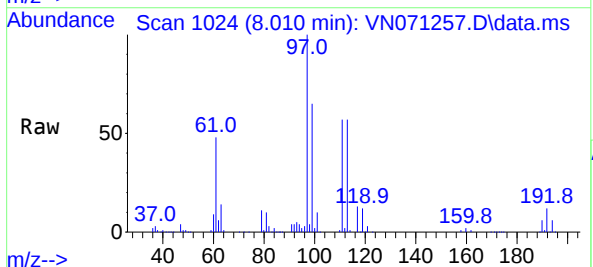
Tgt Ion: 56 Resp: 637312
Ion Ratio Lower Upper
56 100
69 31.2 27.1 40.7
84 81.8 73.4 110.0

Manual Integrations
APPROVED

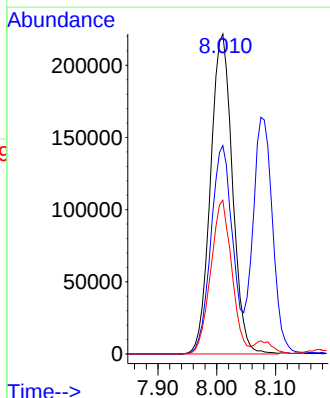
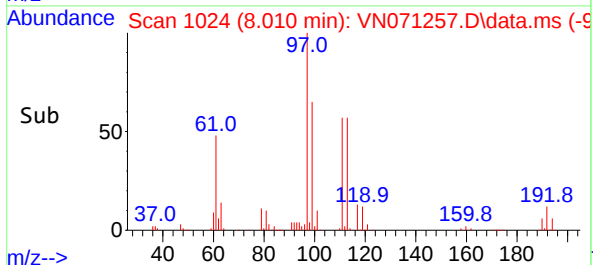
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

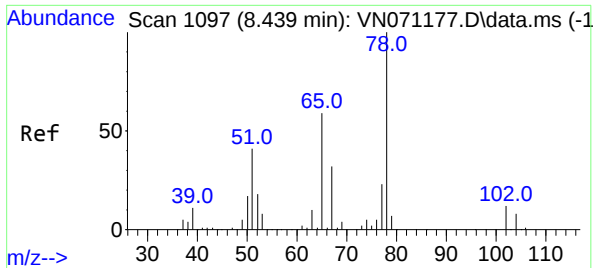


#32
1,1,1-Trichloroethane
Concen: 47.993 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion: 97 Resp: 573654
Ion Ratio Lower Upper
97 100
99 65.1 50.1 75.1
61 46.5 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 46.832 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.011 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

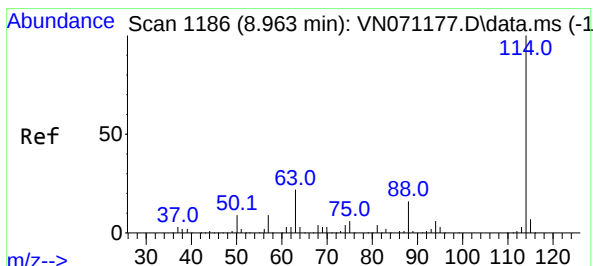
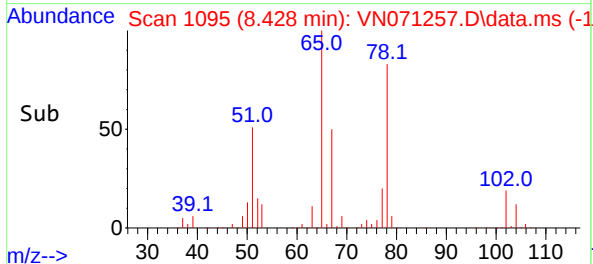
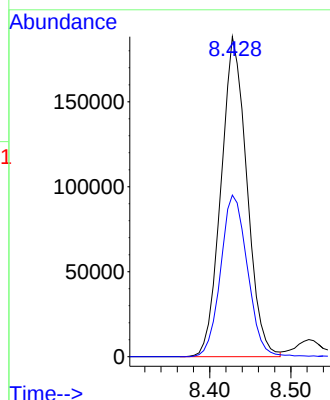
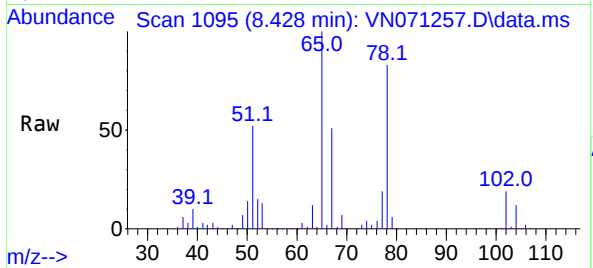
VSTDCCC050

Tgt Ion: 65 Resp: 416008
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

Manual Integrations

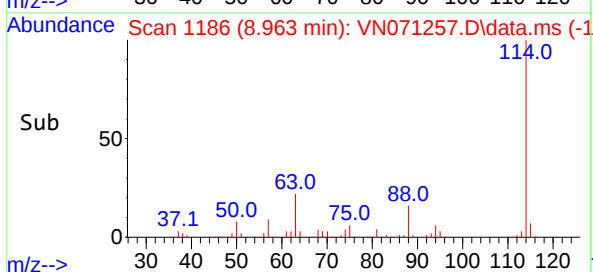
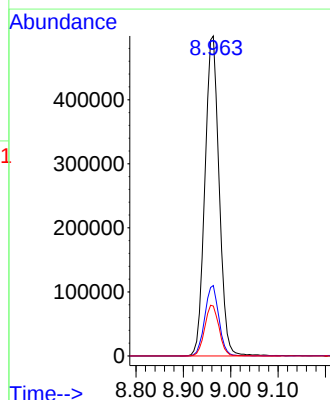
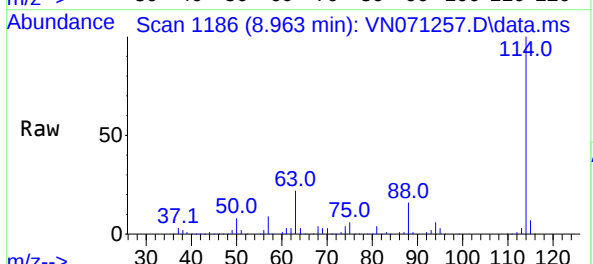
APPROVED

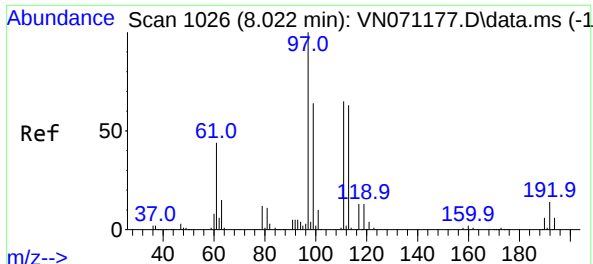
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

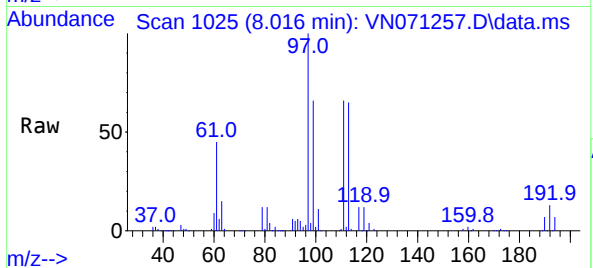
Tgt Ion:114 Resp: 1041971
Ion Ratio Lower Upper
114 100
63 22.0 0.0 37.8
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.016 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

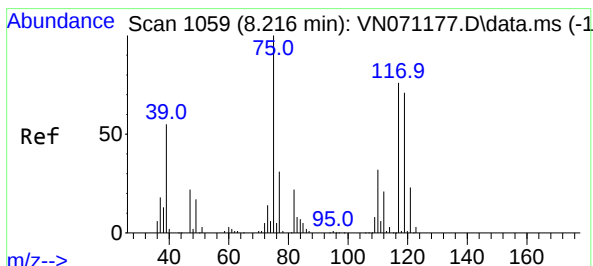
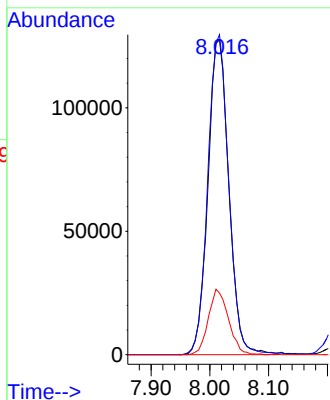
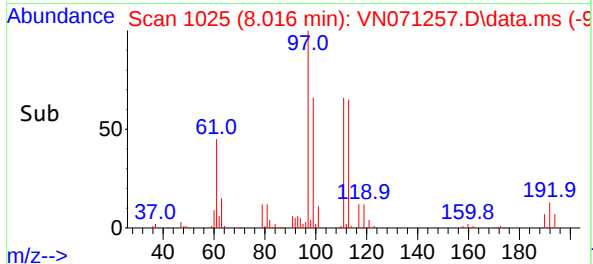
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



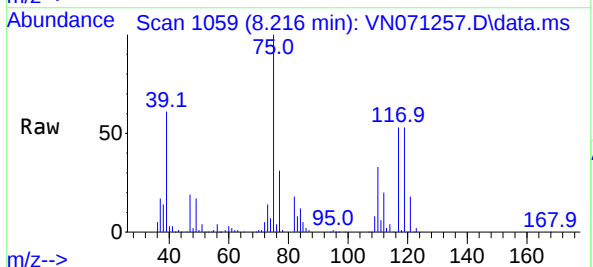
Tgt Ion:113 Resp: 31571
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 20.0 16.9 25.3

Manual Integrations
APPROVED

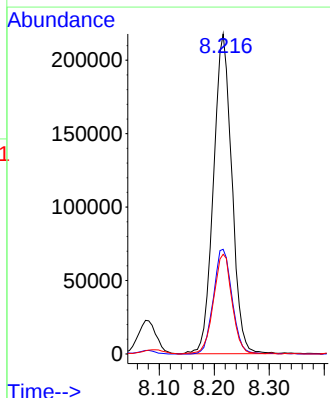
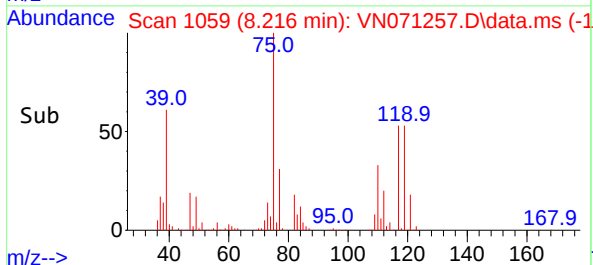
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

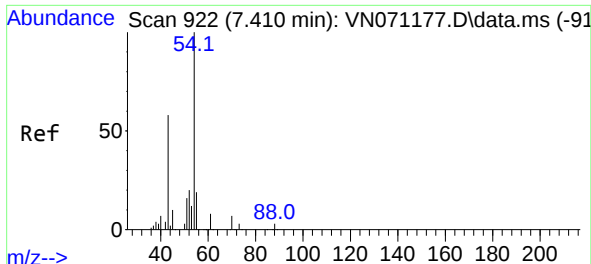


#36
1,1-Dichloropropene
Concen: 47.965 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



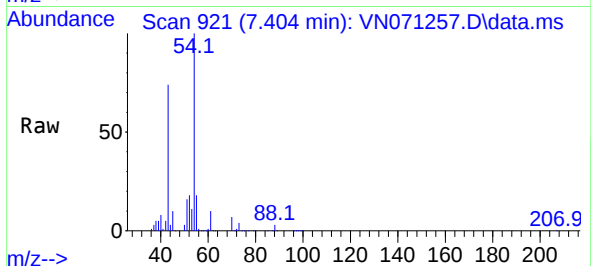
Tgt Ion: 75 Resp: 505311
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 41.941 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

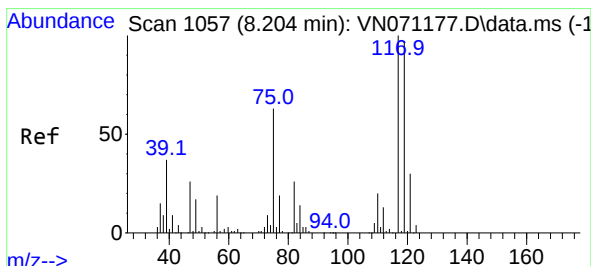
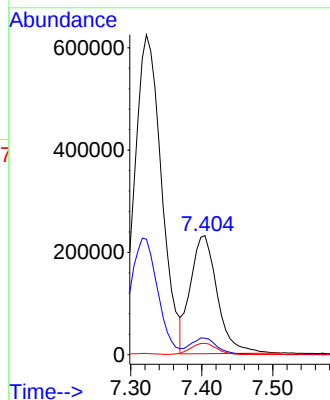
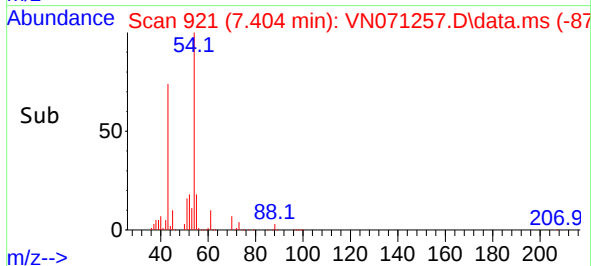
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 60808
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 9.3 7.9 11.9

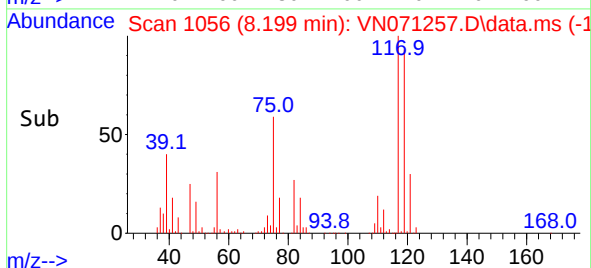
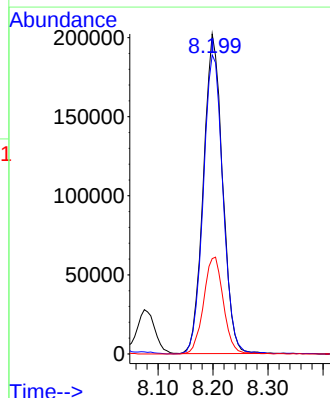
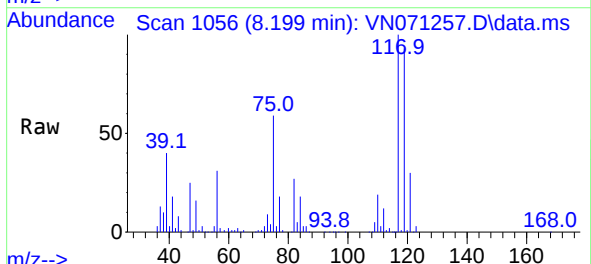
Manual Integrations
APPROVED

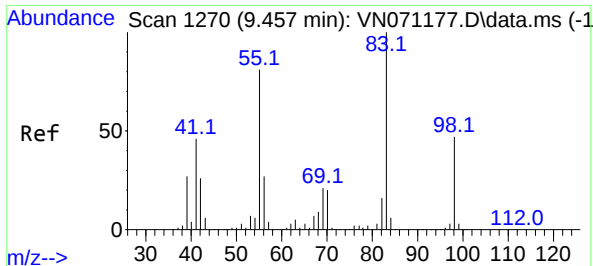
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#38
Carbon Tetrachloride
Concen: 48.026 ug/l
RT: 8.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Tgt Ion:117 Resp: 489387
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1
121 29.8 24.2 36.2





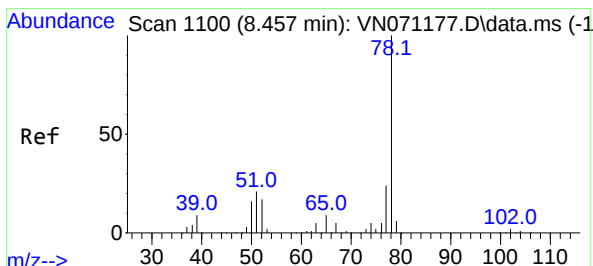
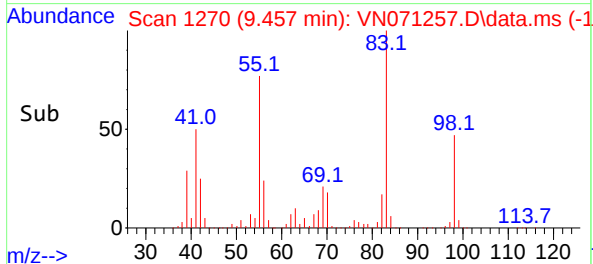
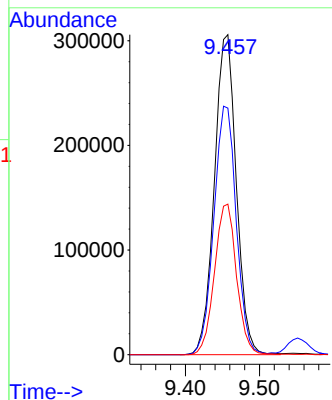
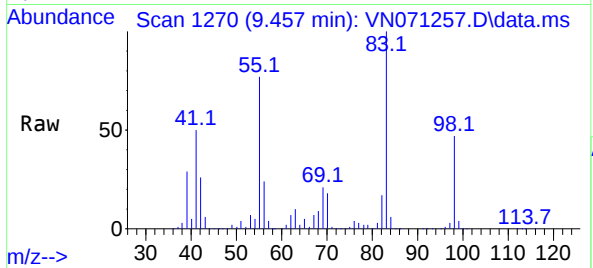
#39
Methylcyclohexane
Concen: 50.826 ug/l
RT: 9.457 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 629899
Ion Ratio Lower Upper
83 100
55 77.1 58.1 87.1
98 47.0 38.4 57.6

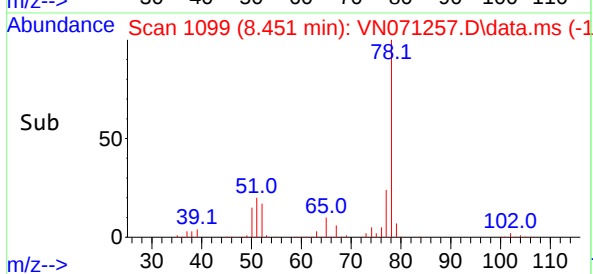
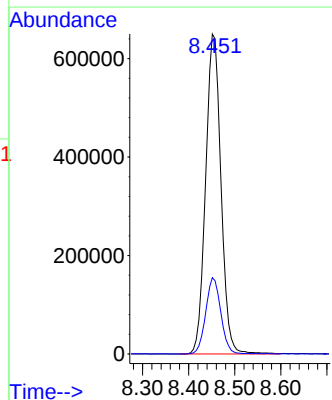
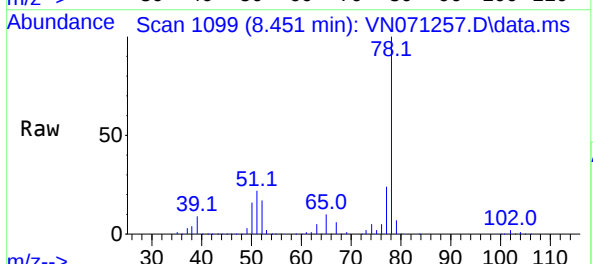
Manual Integrations
APPROVED

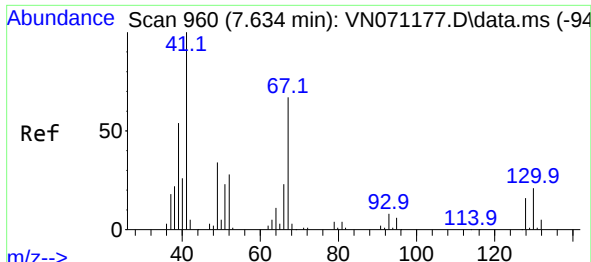
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#40
Benzene
Concen: 47.612 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

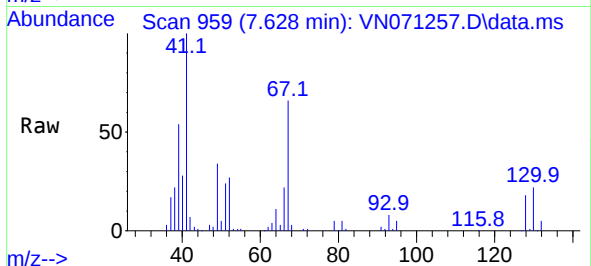
Tgt Ion: 78 Resp: 1511261
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 46.649 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

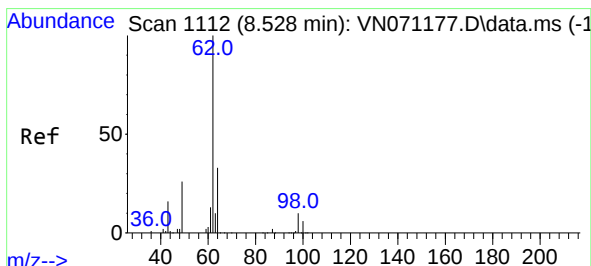
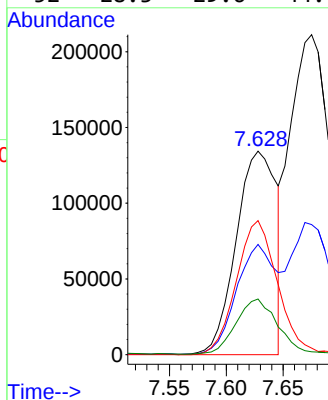
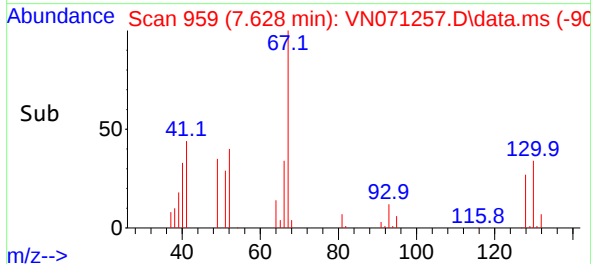
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 33099
Ion Ratio Lower Upper
41 100
39 51.8 48.1 72.1
67 68.2 68.3 102.5
52 28.3 29.6 44.4#

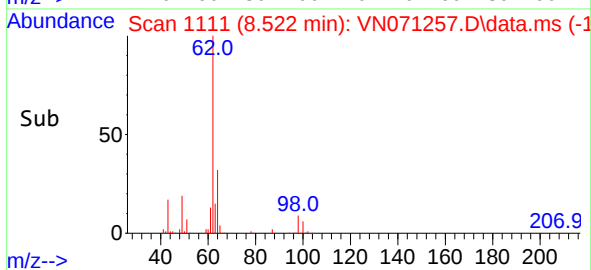
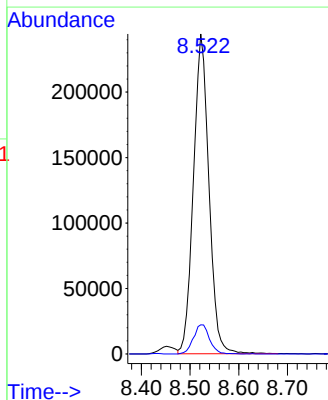
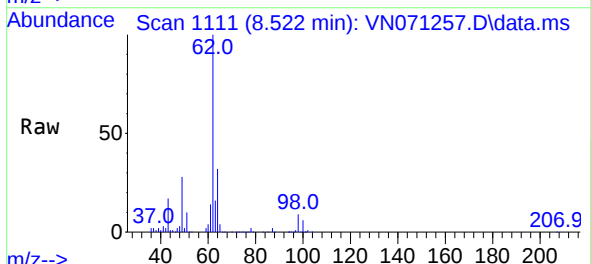
Manual Integrations
APPROVED

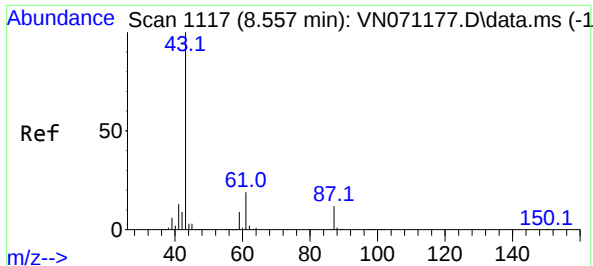
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#42
1,2-Dichloroethane
Concen: 48.894 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Tgt Ion: 62 Resp: 540056
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6





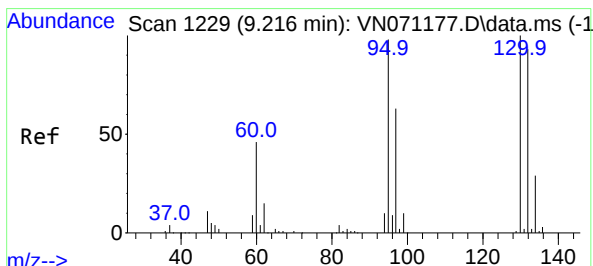
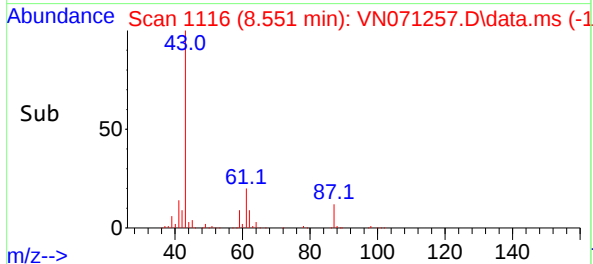
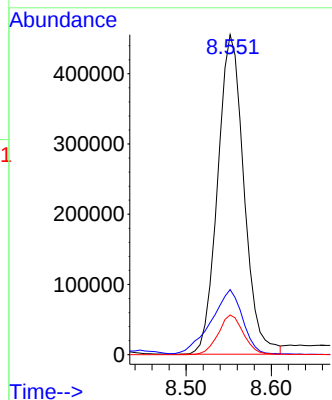
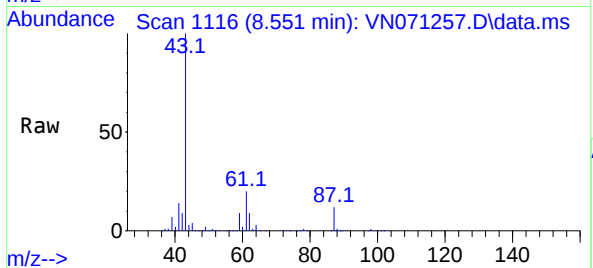
#43
Isopropyl Acetate
Concen: 45.036 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 97644
Ion Ratio Lower Upper
43 100
61 24.7 20.4 30.6
87 12.0 11.2 16.8

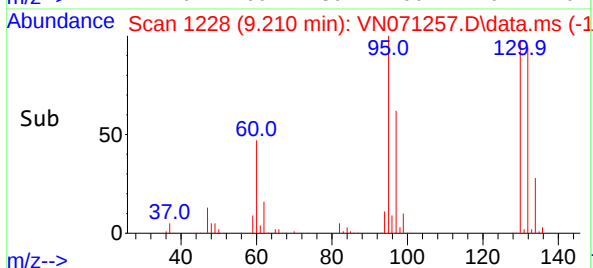
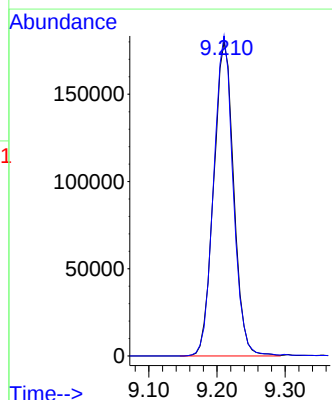
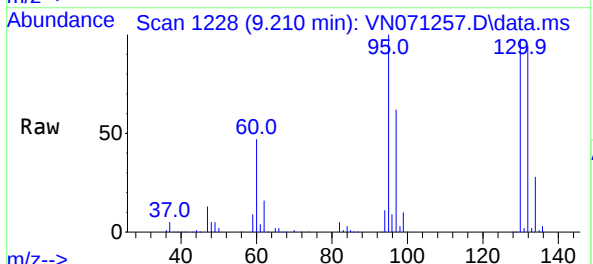
Manual Integrations
APPROVED

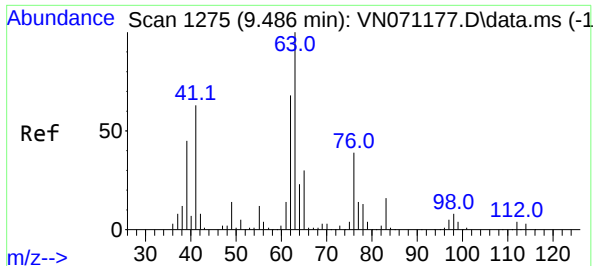
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#44
Trichloroethene
Concen: 49.226 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Tgt Ion:130 Resp: 368664
Ion Ratio Lower Upper
130 100
95 101.9 0.0 191.2





#45
1,2-Dichloropropane
Concen: 47.536 ug/l
RT: 9.481 min Scan# 1274
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

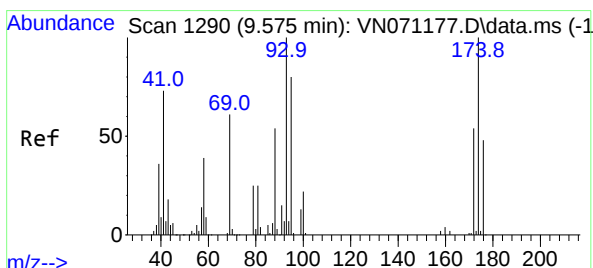
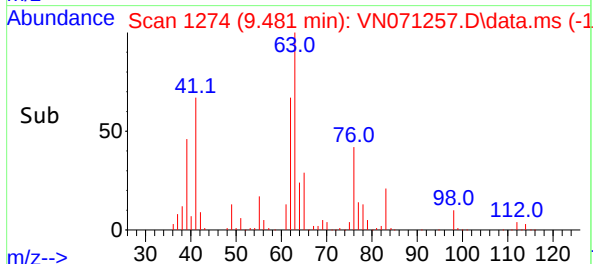
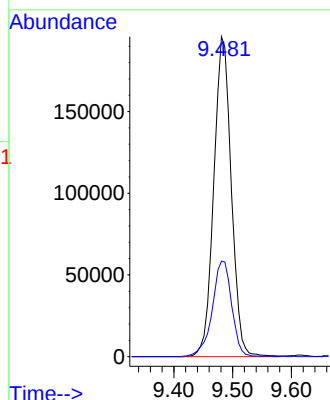
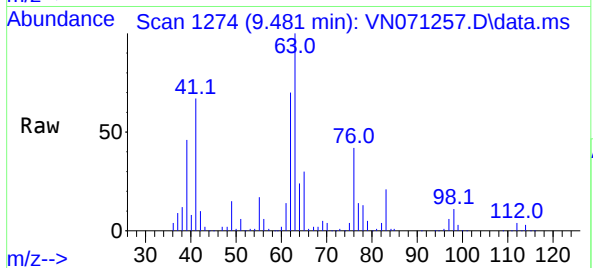
VSTDCCC050

Tgt Ion: 63 Resp: 405034
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1

Manual Integrations

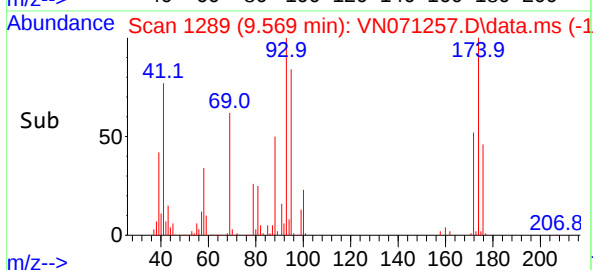
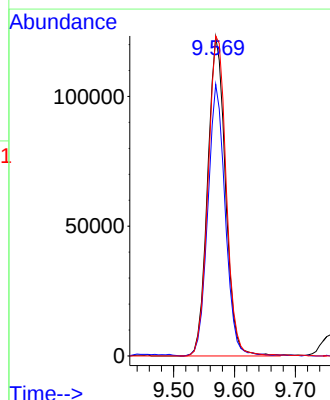
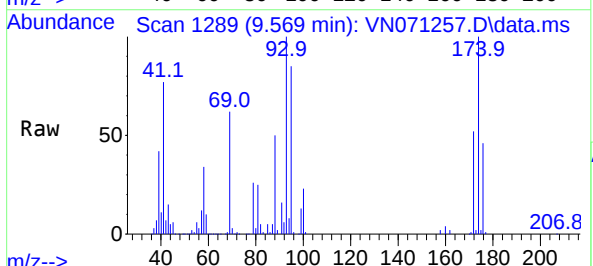
APPROVED

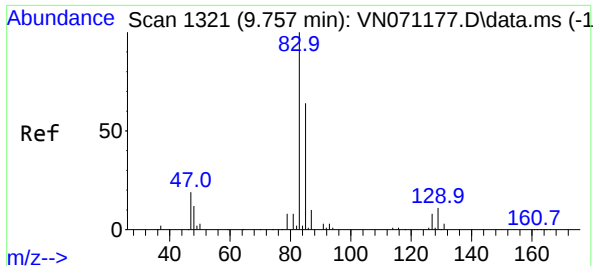
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#46
Dibromomethane
Concen: 47.820 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

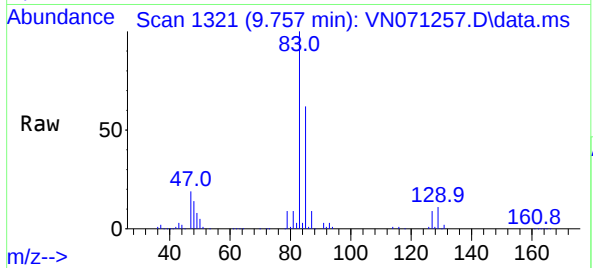
Tgt Ion: 93 Resp: 250783
Ion Ratio Lower Upper
93 100
95 83.1 65.9 98.9
174 101.6 84.6 127.0





#47
Bromodichloromethane
Concen: 49.057 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

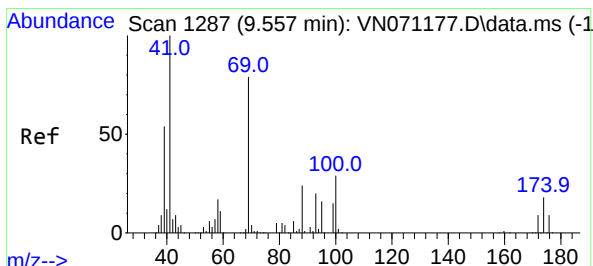
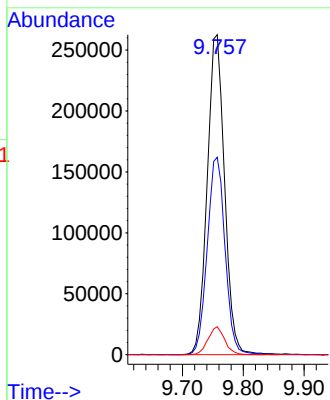
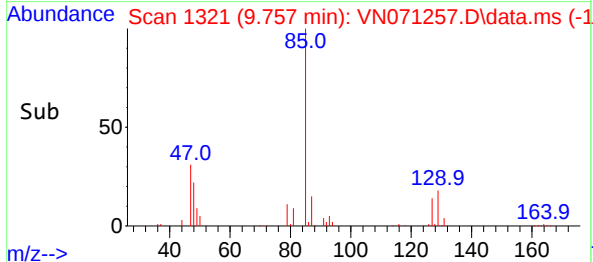
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



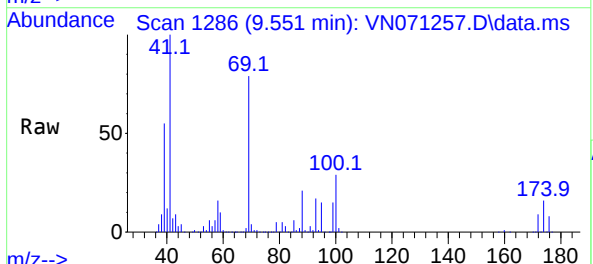
Tgt Ion: 83 Resp: 519920
Ion Ratio Lower Upper
83 100
85 61.7 50.9 76.3
127 8.8 7.1 10.7

Manual Integrations
APPROVED

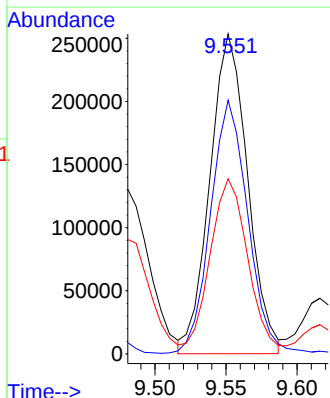
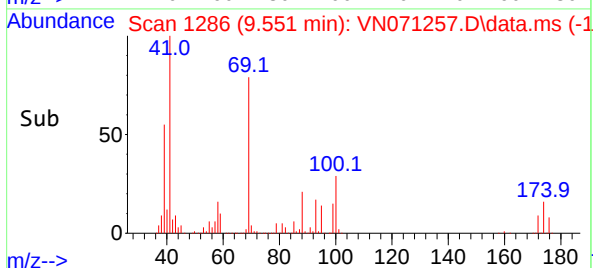
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

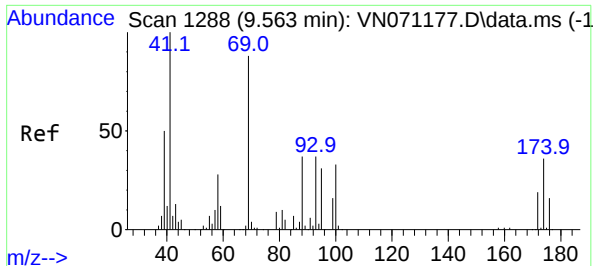


#48
Methyl methacrylate
Concen: 46.553 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



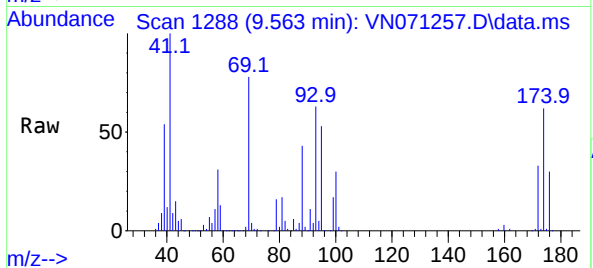
Tgt Ion: 41 Resp: 467743
Ion Ratio Lower Upper
41 100
69 78.9 72.4 108.6
39 55.1 58.4 87.6#





#49
1,4-Dioxane
Concen: 866.014 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

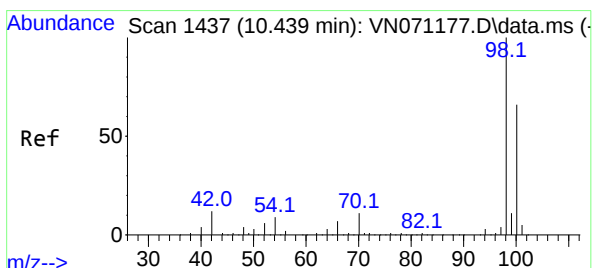
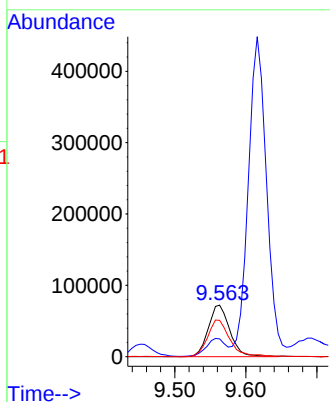
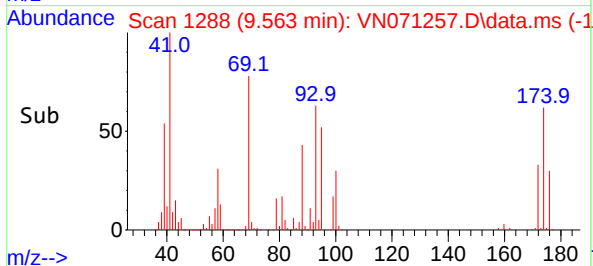
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



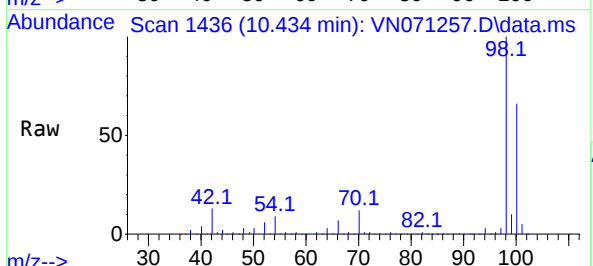
Tgt Ion: 88 Resp: 151248
Ion Ratio Lower Upper
88 100
43 30.9 23.4 35.2
58 74.5 50.6 75.8

Manual Integrations
APPROVED

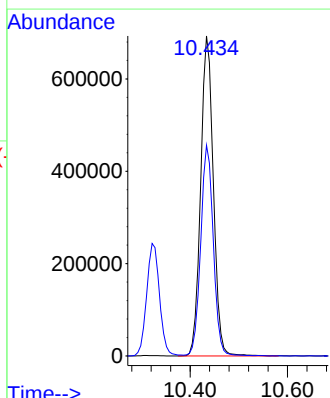
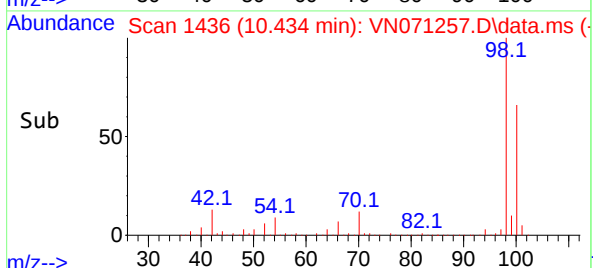
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

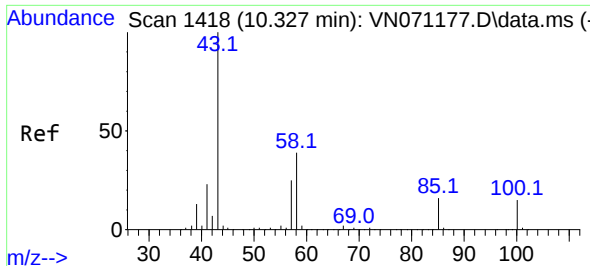


#50
Toluene-d8
Concen: 47.353 ug/l
RT: 10.434 min Scan# 1436
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion: 98 Resp: 1253606
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6





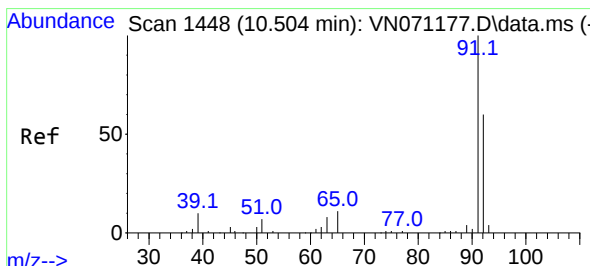
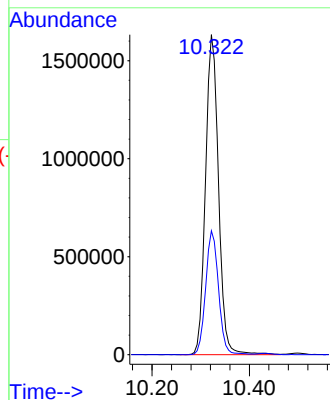
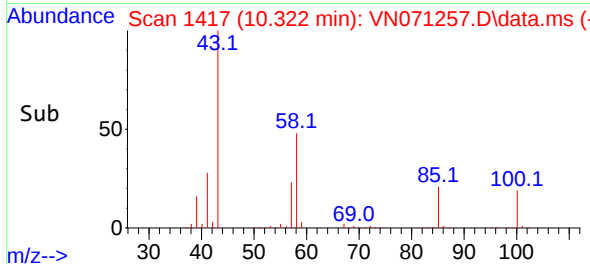
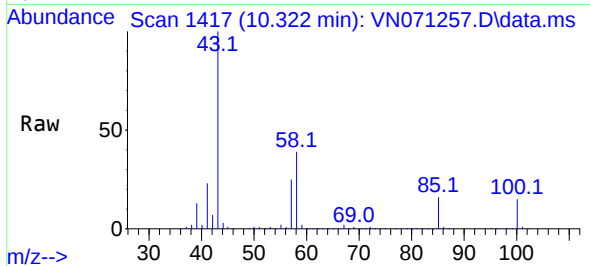
#51
4-Methyl-2-Pentanone
Concen: 224.175 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 301640
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6

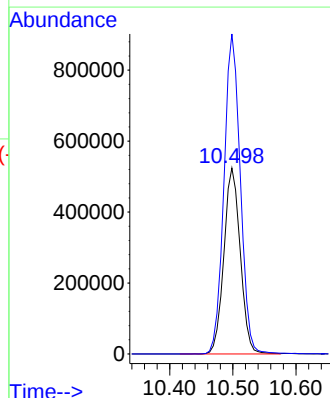
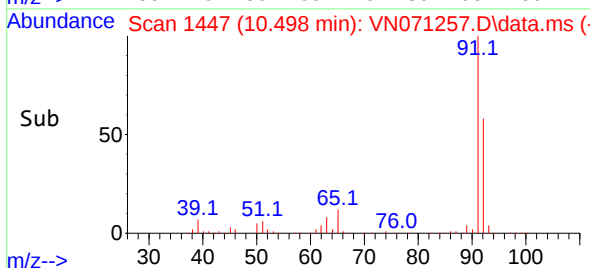
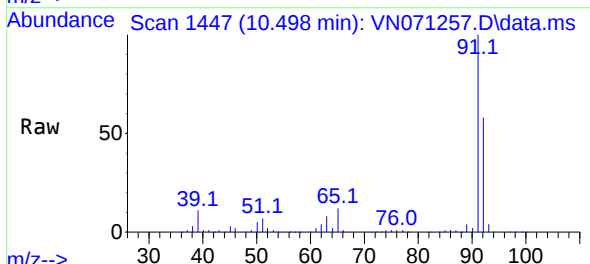
Manual Integrations
APPROVED

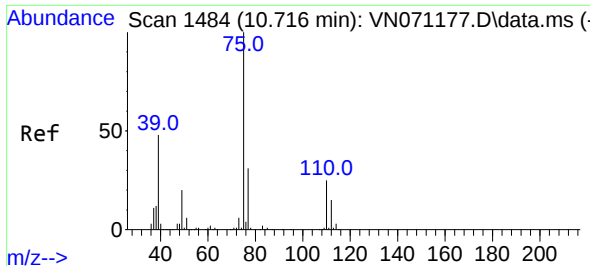
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#52
Toluene
Concen: 48.249 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Tgt Ion: 92 Resp: 943045
Ion Ratio Lower Upper
92 100
91 172.5 142.0 213.0





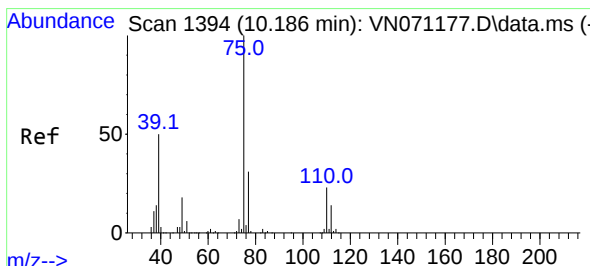
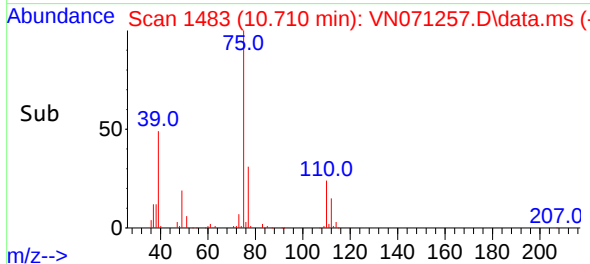
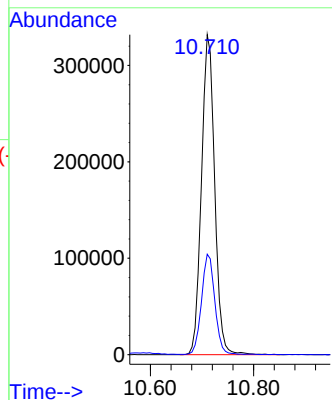
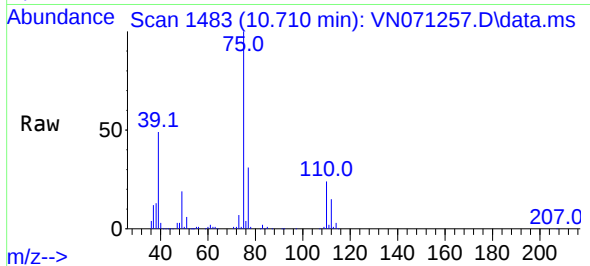
#53
t-1,3-Dichloropropene
Concen: 50.368 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 58845
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

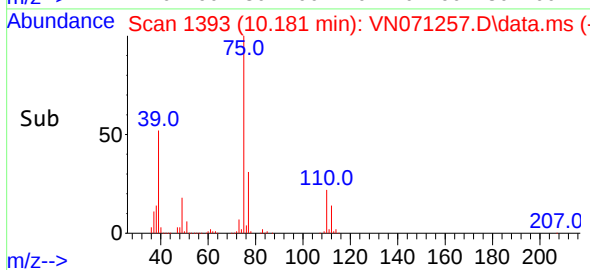
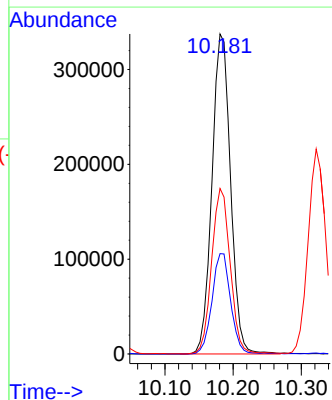
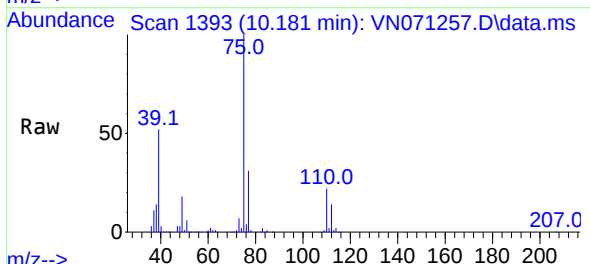
Manual Integrations
APPROVED

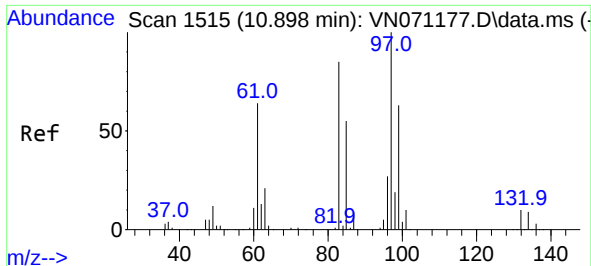
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#54
cis-1,3-Dichloropropene
Concen: 50.226 ug/l
RT: 10.181 min Scan# 1393
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

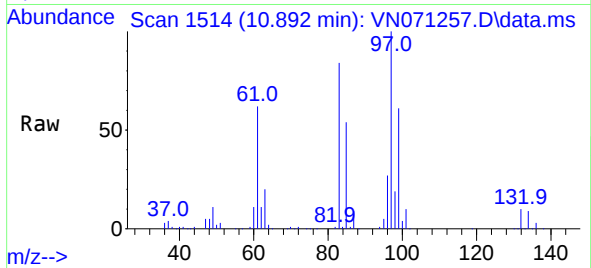
Tgt Ion: 75 Resp: 641153
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 51.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 46.793 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

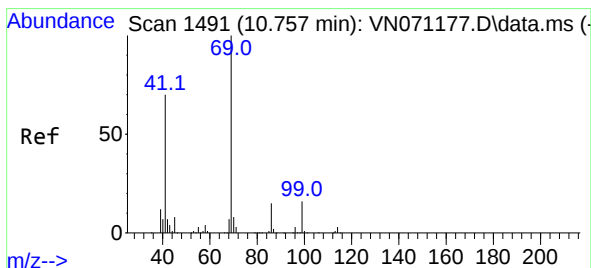
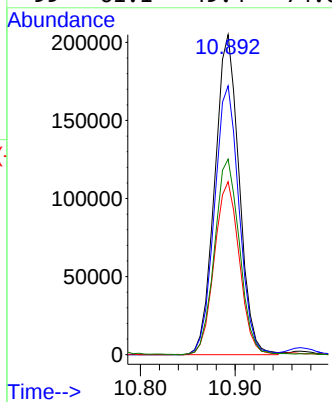
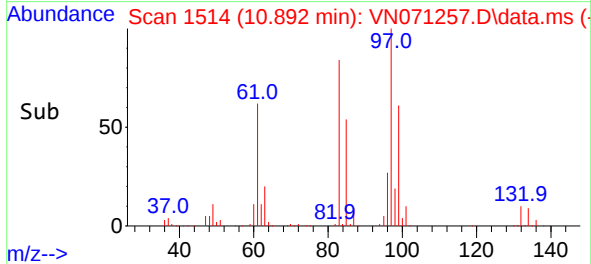
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



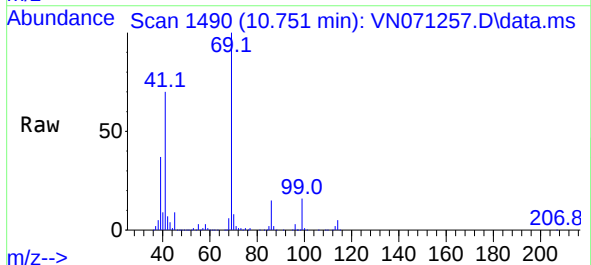
Tgt Ion: 97 Resp: 366484
Ion Ratio Lower Upper
97 100
83 84.0 67.8 101.6
85 53.9 45.4 68.2
99 61.1 49.4 74.0

Manual Integrations
APPROVED

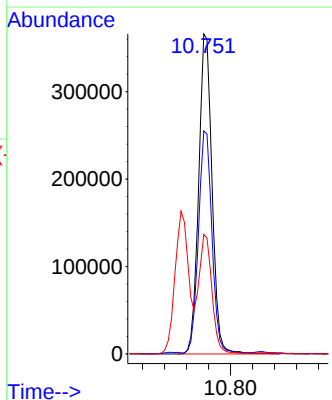
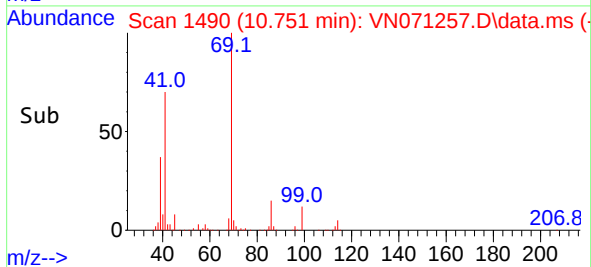
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

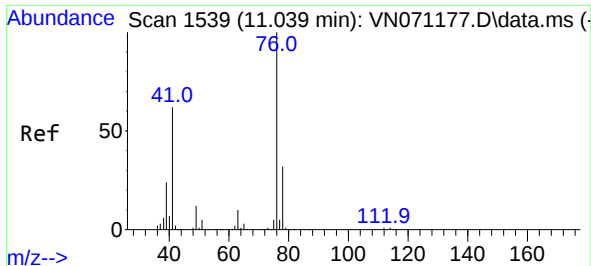


#56
Ethyl methacrylate
Concen: 48.469 ug/l
RT: 10.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion: 69 Resp: 619930
Ion Ratio Lower Upper
69 100
41 69.7 51.4 77.0
39 35.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 46.872 ug/l

RT: 11.040 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN071257.D

Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 658938

Ion Ratio Lower Upper

76 100

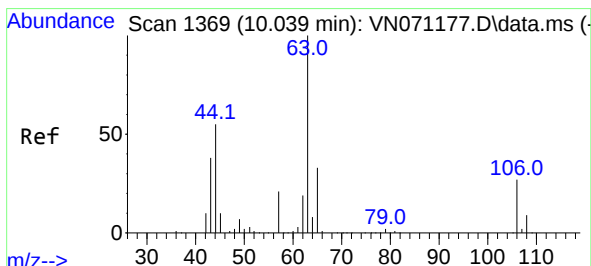
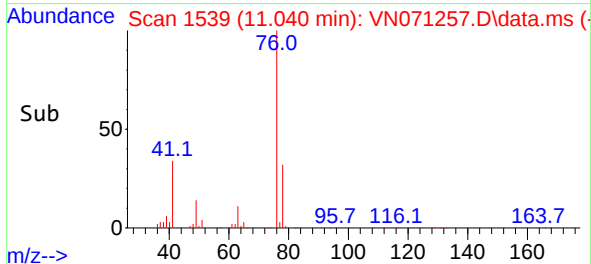
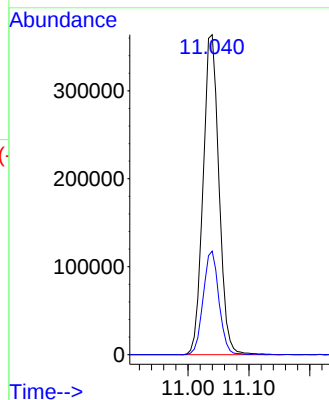
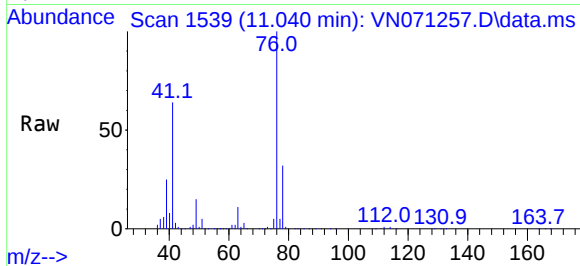
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 353.417 ug/l

RT: 10.034 min Scan# 1368

Delta R.T. -0.005 min

Lab File: VN071257.D

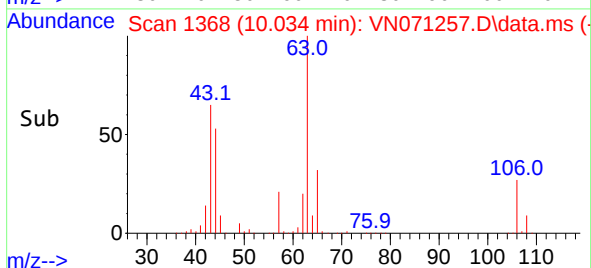
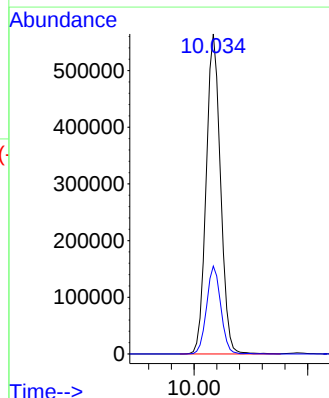
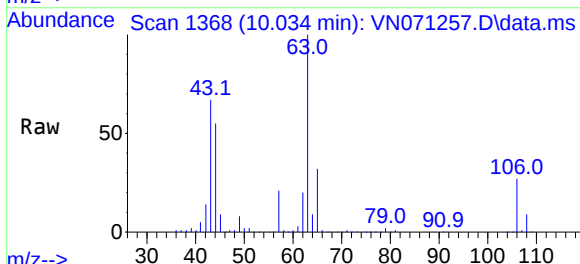
Acq: 14 Mar 2022 10:24

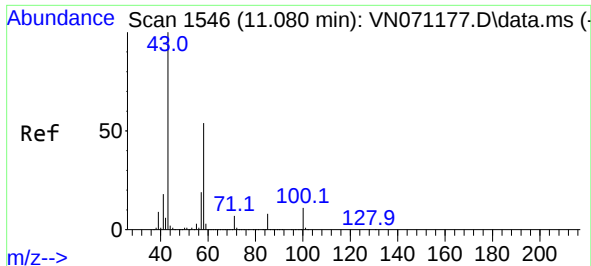
Tgt Ion: 63 Resp: 984550

Ion Ratio Lower Upper

63 100

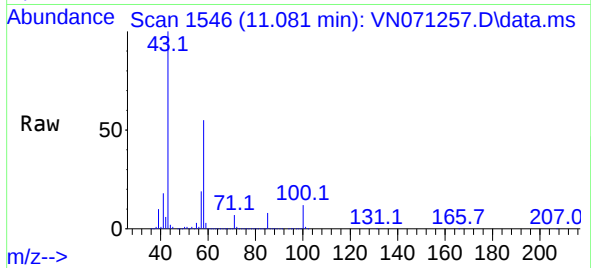
106 27.2 23.9 35.9





#59
2-Hexanone
Concen: 244.012 ug/l
RT: 11.081 min Scan# 11081
Delta R.T. 0.001 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

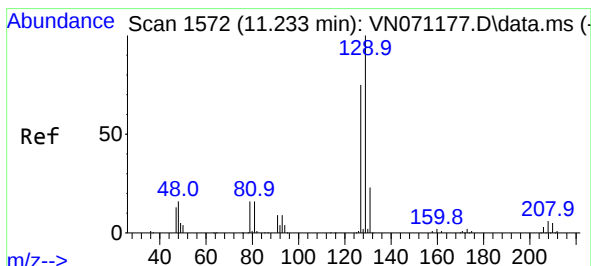
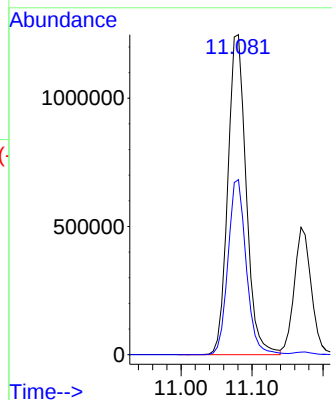
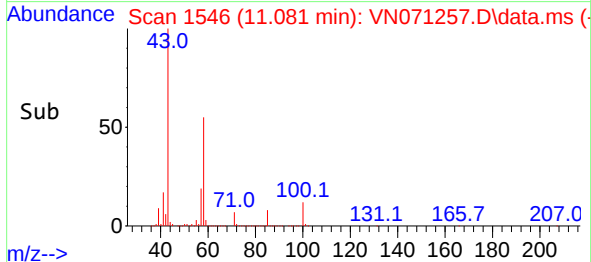
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 224024
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.7

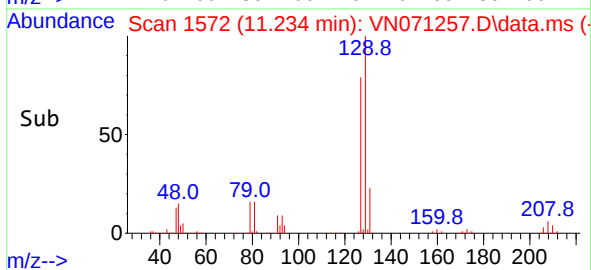
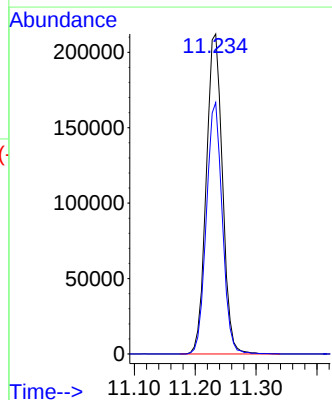
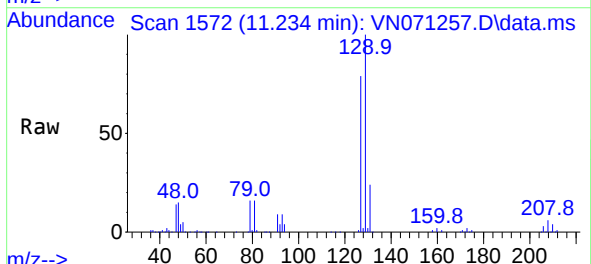
Manual Integrations
APPROVED

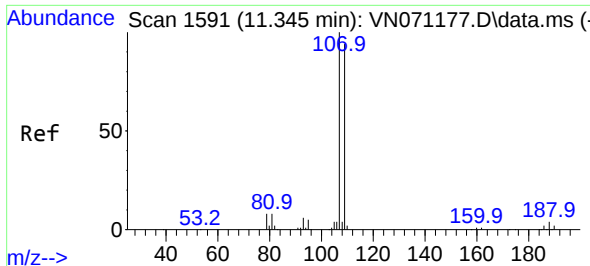
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#60
Dibromochloromethane
Concen: 50.443 ug/l
RT: 11.234 min Scan# 1572
Delta R.T. 0.001 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

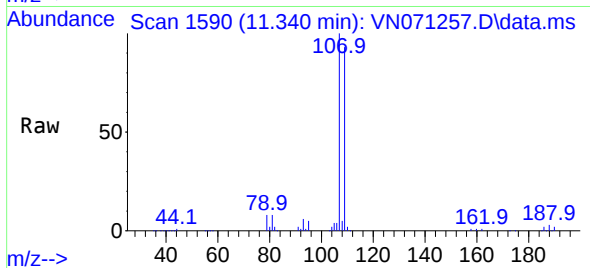
Tgt Ion:129 Resp: 392541
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.552 ug/l
RT: 11.340 min Scan# 1591
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

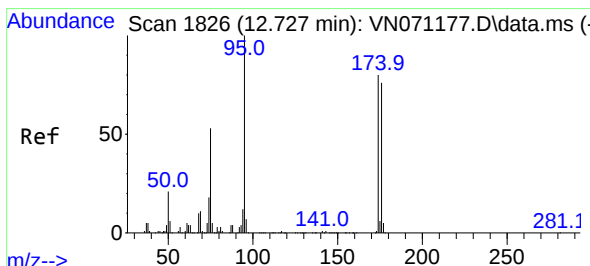
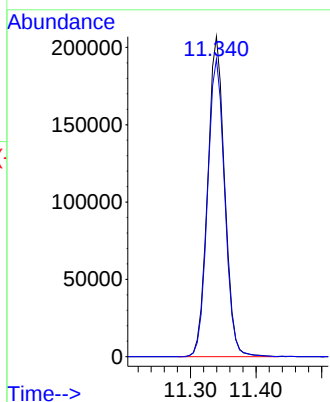
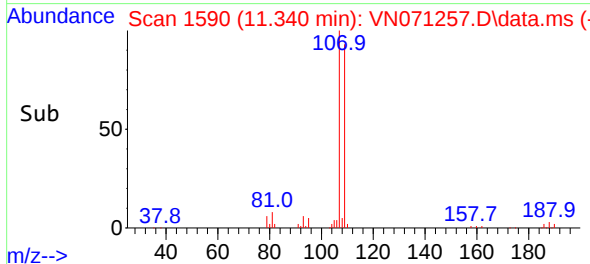
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



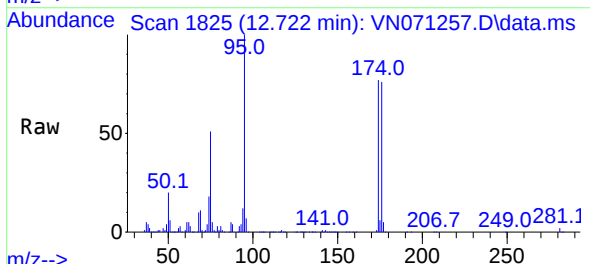
Tgt Ion:107 Resp: 37263
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

Manual Integrations
APPROVED

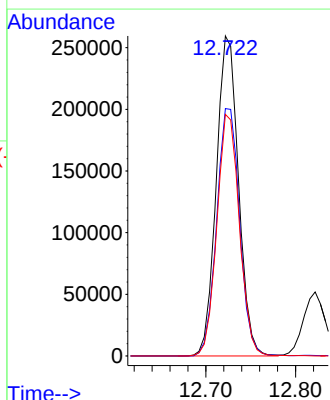
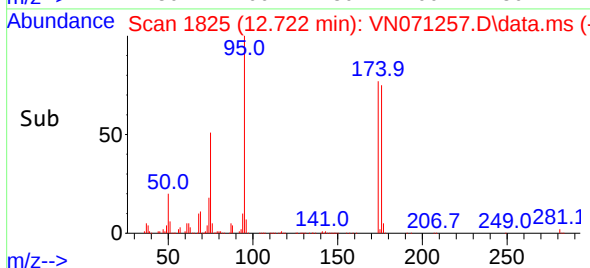
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

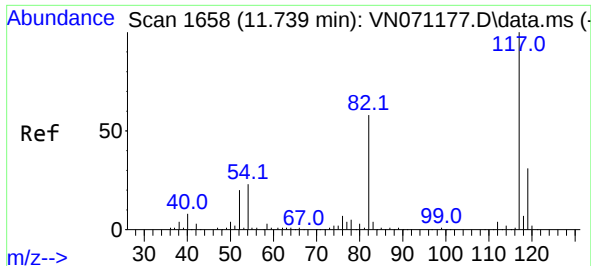


#62
4-Bromofluorobenzene
Concen: 49.706 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



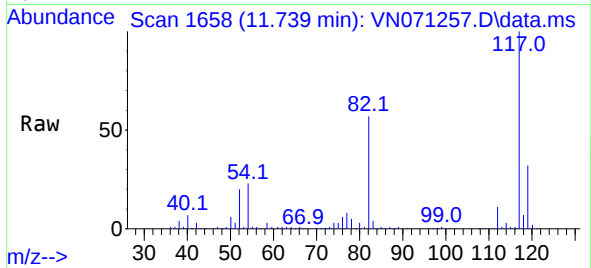
Tgt Ion: 95 Resp: 445595
Ion Ratio Lower Upper
95 100
174 79.8 0.0 187.2
176 76.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

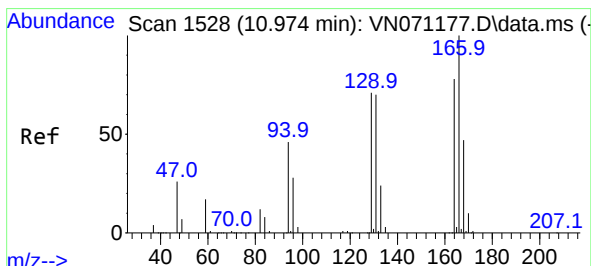
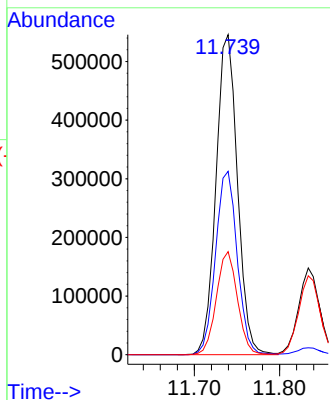
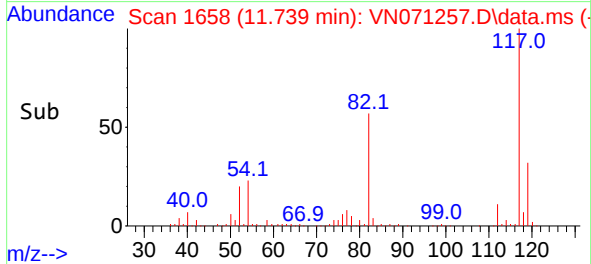
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



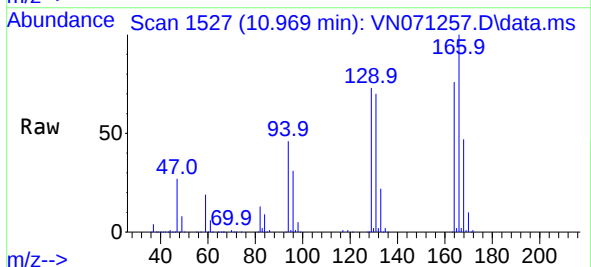
Tgt Ion:117 Resp: 955754
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

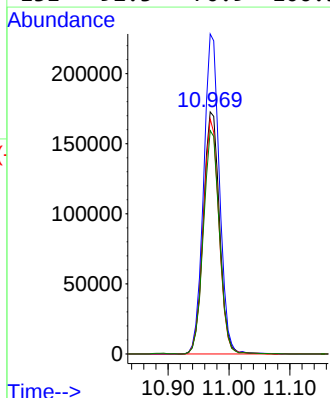
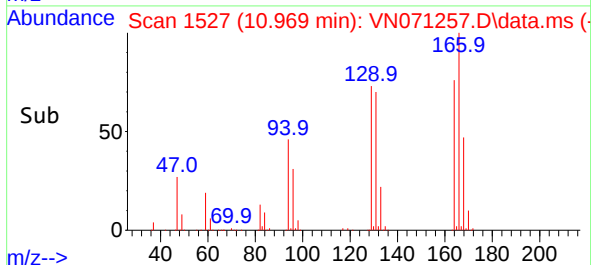
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

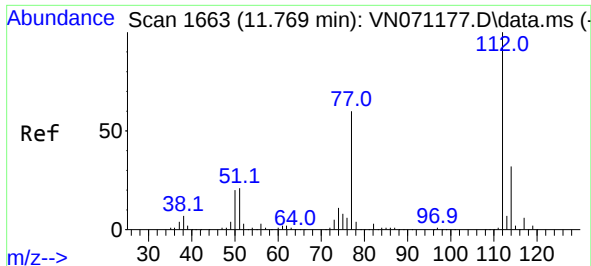


#64
Tetrachloroethene
Concen: 47.950 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion:164 Resp: 319623
Ion Ratio Lower Upper
164 100
166 132.2 101.9 152.9
129 97.1 72.0 108.0
131 92.3 70.9 106.3





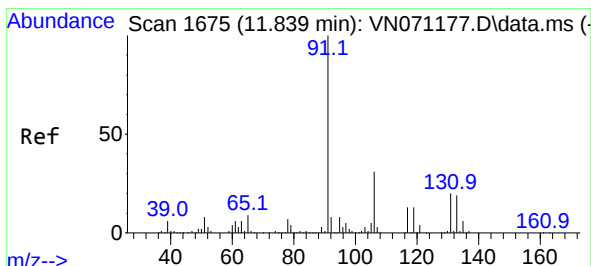
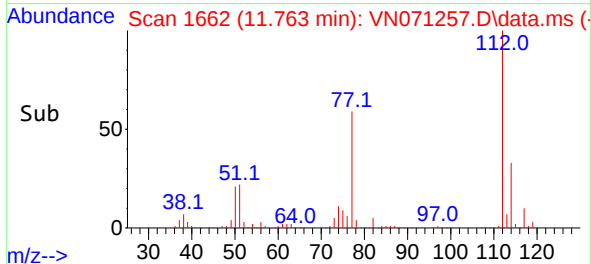
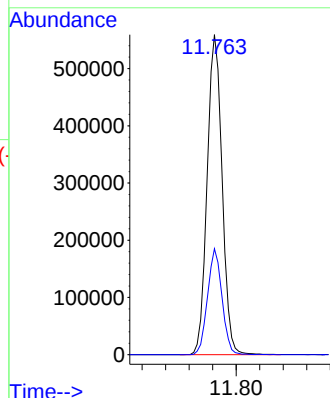
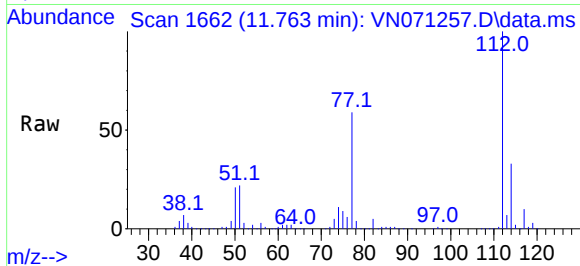
#65
Chlorobenzene
Concen: 48.004 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 98531
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.0

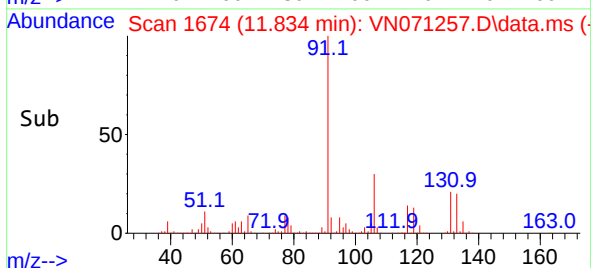
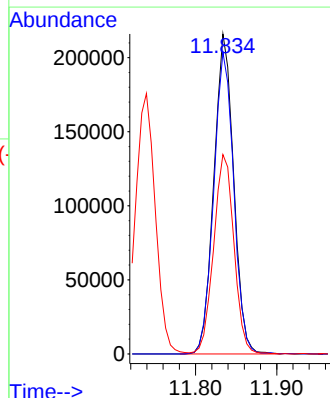
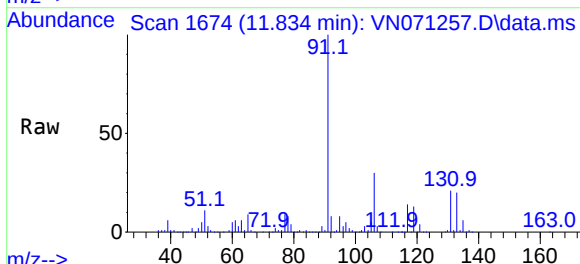
Manual Integrations
APPROVED

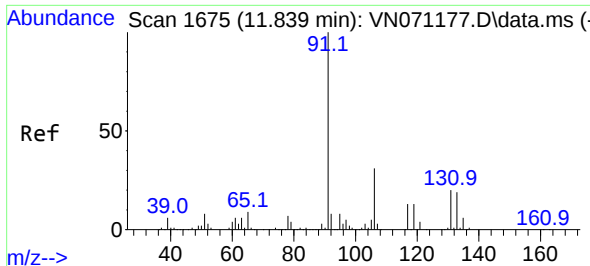
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.576 ug/l
RT: 11.834 min Scan# 1674
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

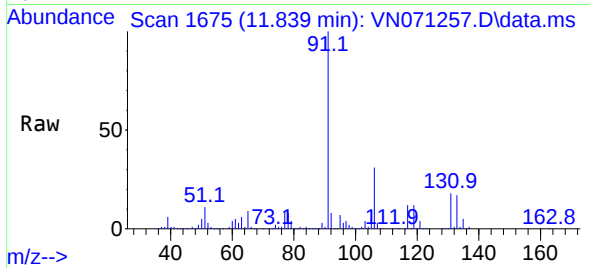
Tgt Ion:131 Resp: 365591
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.1 32.1 96.5





#67
Ethyl Benzene
Concen: 50.269 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

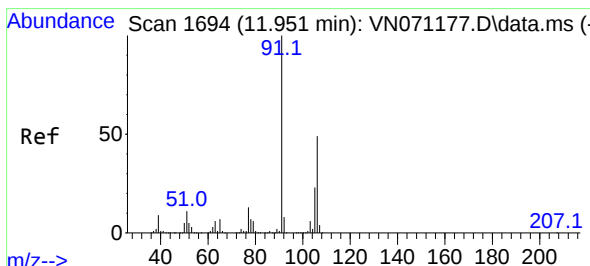
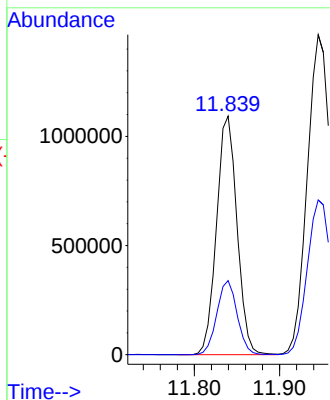
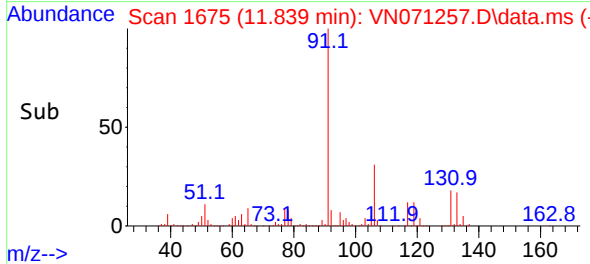
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



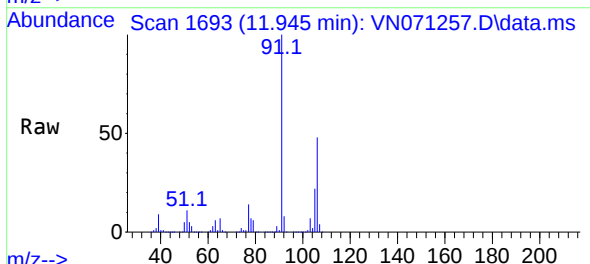
Tgt Ion: 91 Resp: 182434
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

Manual Integrations
APPROVED

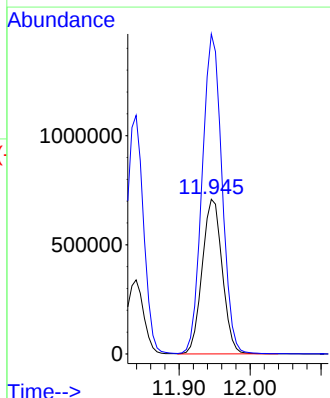
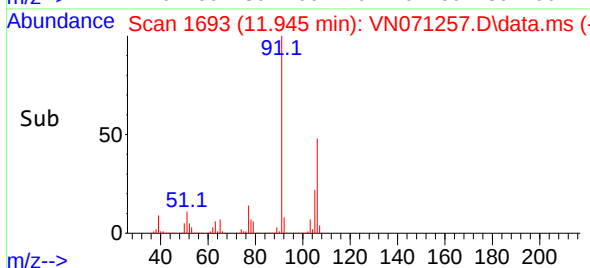
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

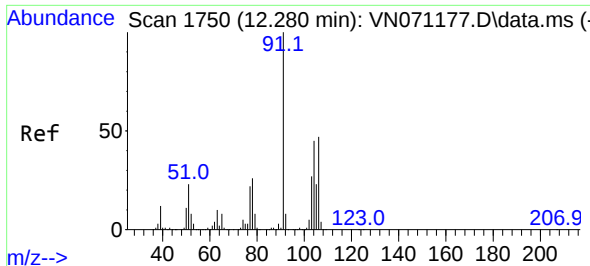


#68
m/p-Xylenes
Concen: 104.713 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion:106 Resp: 1390214
Ion Ratio Lower Upper
106 100
91 204.9 160.6 240.8





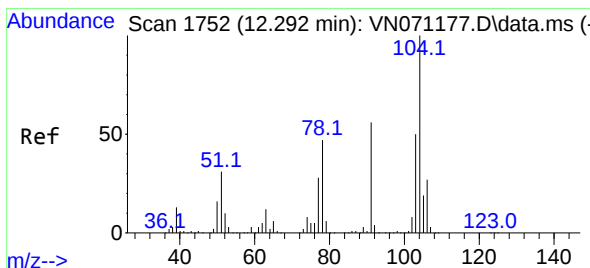
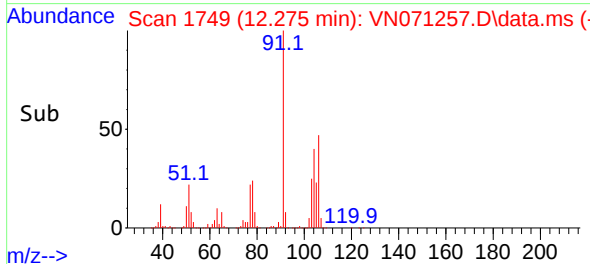
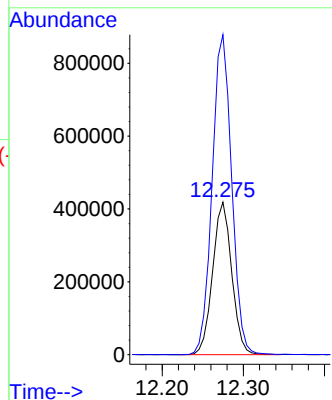
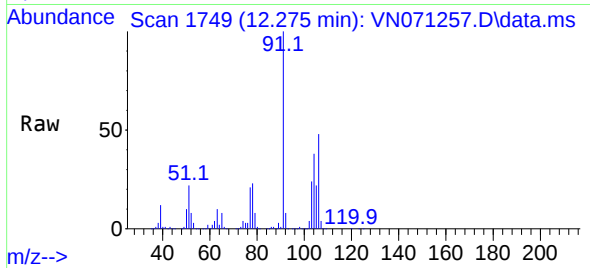
#69
o-Xylene
Concen: 51.526 ug/l
RT: 12.275 min Scan# 1750
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 685715
Ion Ratio Lower Upper
106 100
91 213.9 105.8 317.3

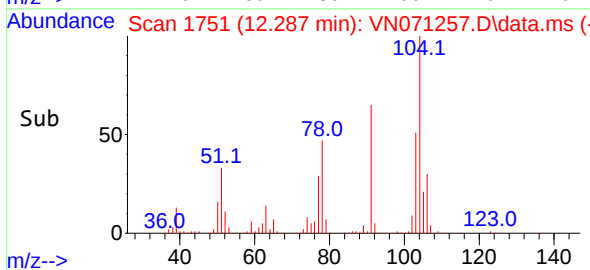
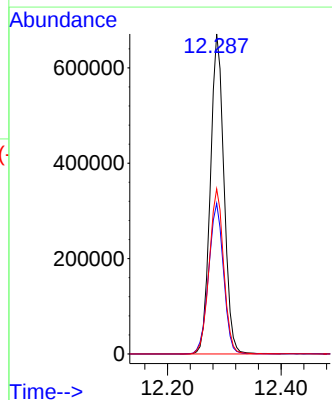
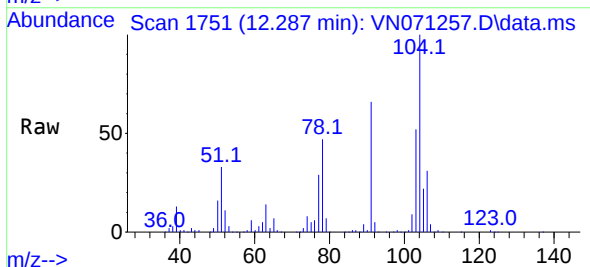
Manual Integrations
APPROVED

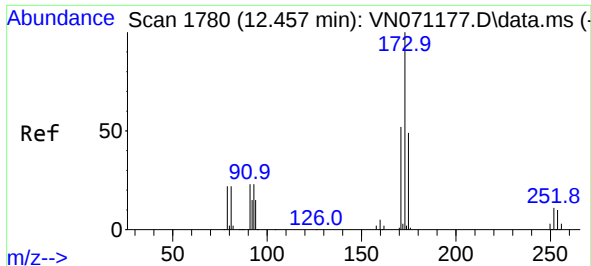
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#70
Styrene
Concen: 54.128 ug/l
RT: 12.287 min Scan# 1751
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

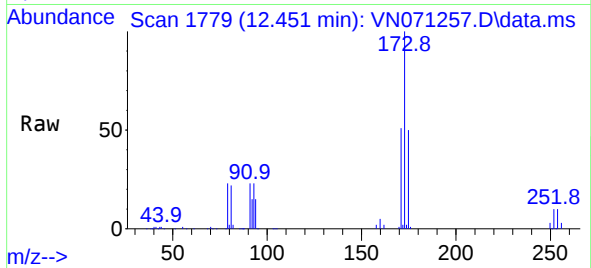
Tgt Ion:104 Resp: 1115063
Ion Ratio Lower Upper
104 100
78 51.1 38.7 58.1
103 54.7 45.0 67.6





#71
Bromoform
Concen: 50.889 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

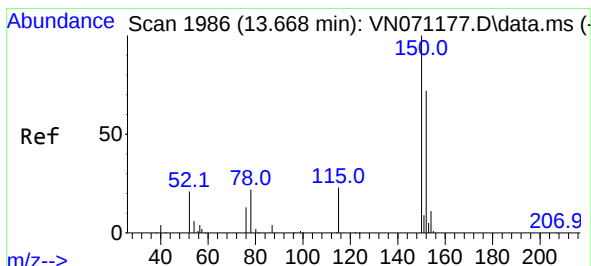
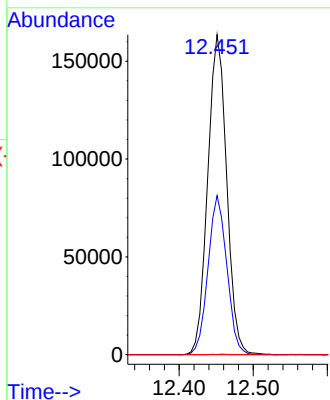
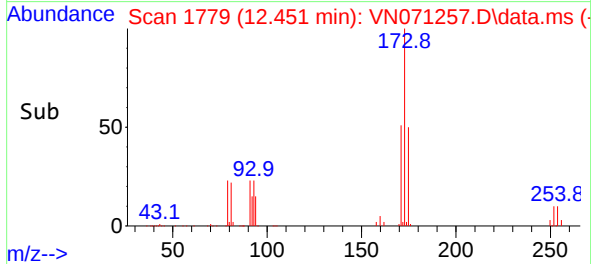
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



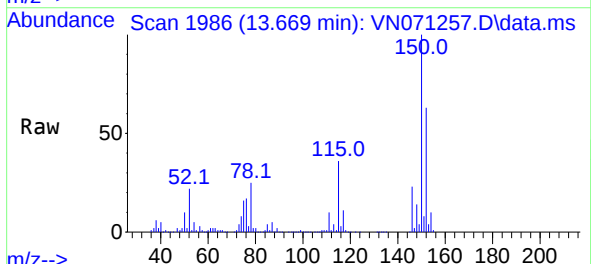
Tgt Ion:173 Resp: 29085
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

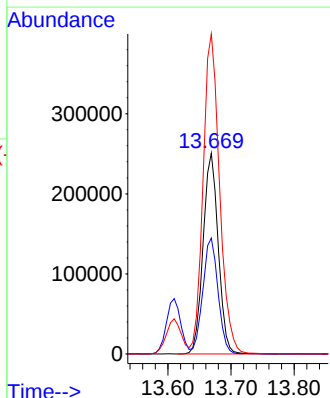
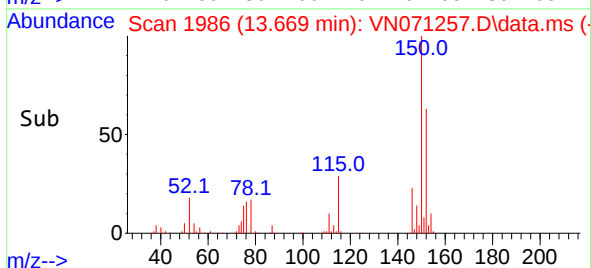
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

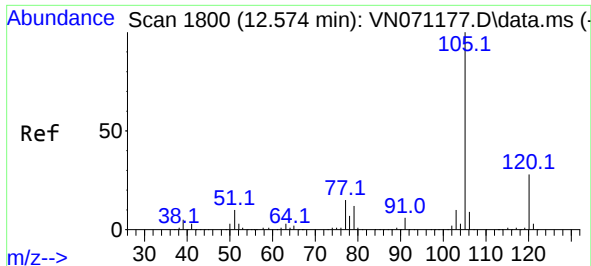


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion:152 Resp: 417274
Ion Ratio Lower Upper
152 100
115 58.4 27.5 82.5
150 174.0 0.0 344.4





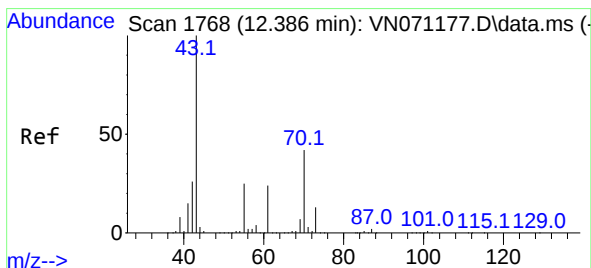
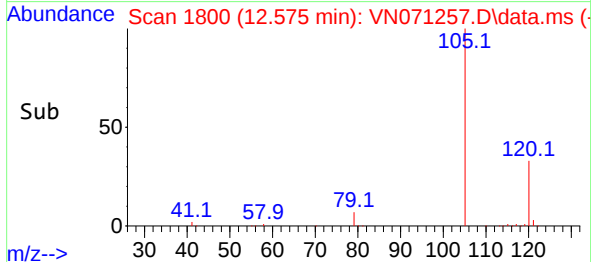
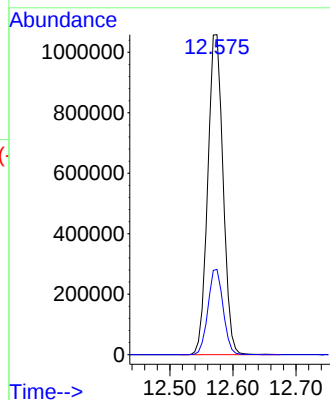
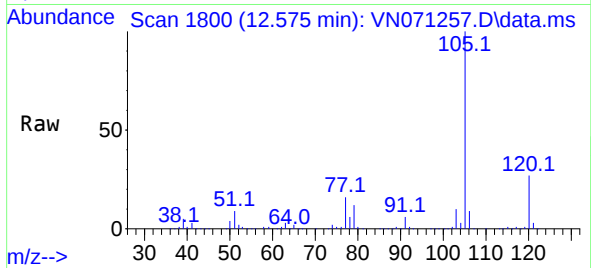
#73
Isopropylbenzene
Concen: 44.241 ug/l
RT: 12.575 min Scan# 17955
Delta R.T. 0.001 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 177955
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

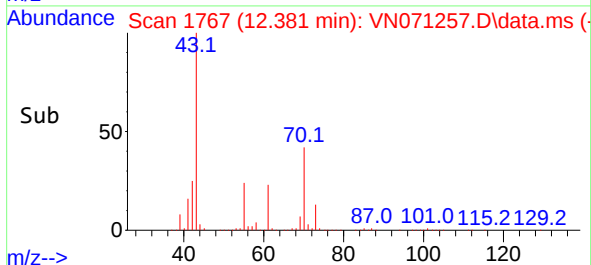
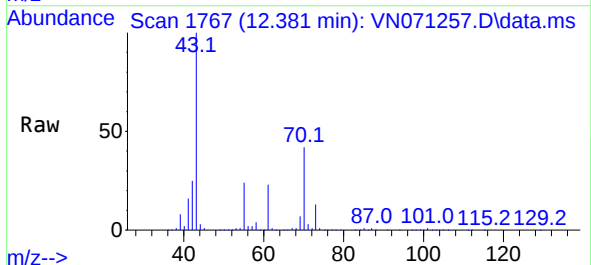
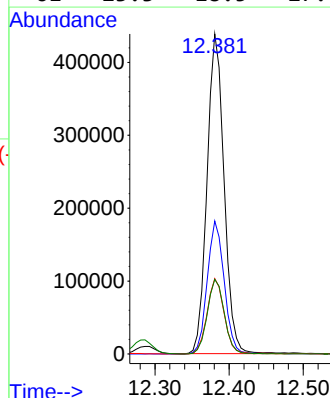
Manual Integrations
APPROVED

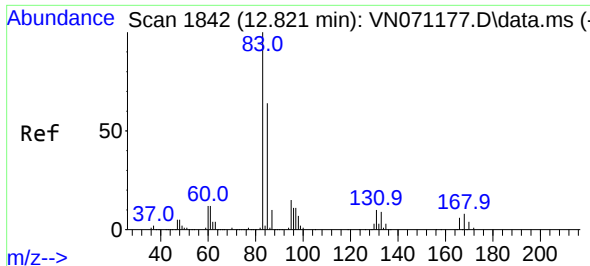
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#74
N-ethyl acetate
Concen: 46.424 ug/l
RT: 12.381 min Scan# 1767
Delta R.T. -0.005 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

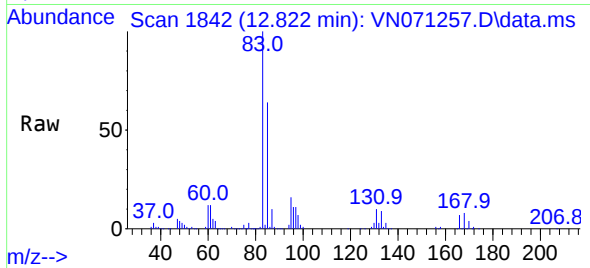
Tgt Ion: 43 Resp: 702134
Ion Ratio Lower Upper
43 100
70 41.5 33.4 50.0
55 23.5 19.3 28.9
61 23.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.701 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

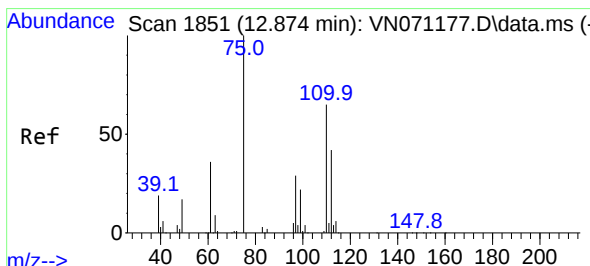
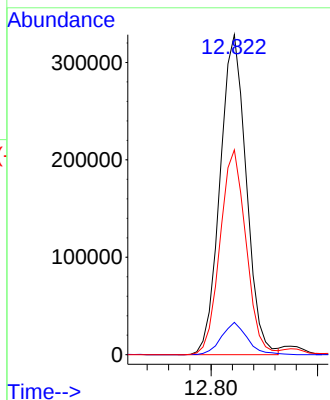
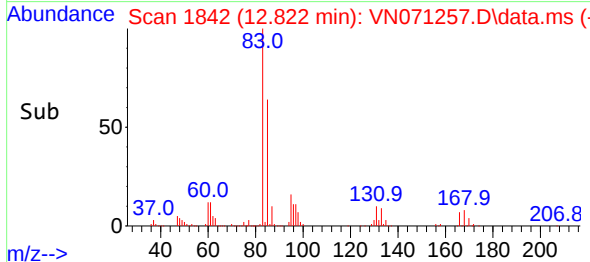
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



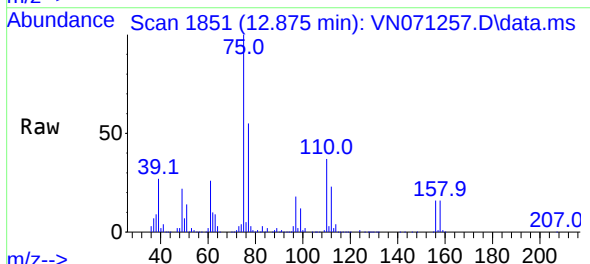
Tgt Ion: 83 Resp: 560249
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.5 32.4 97.2

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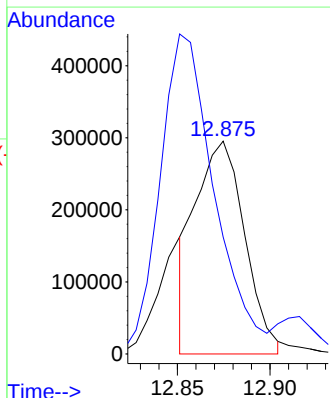
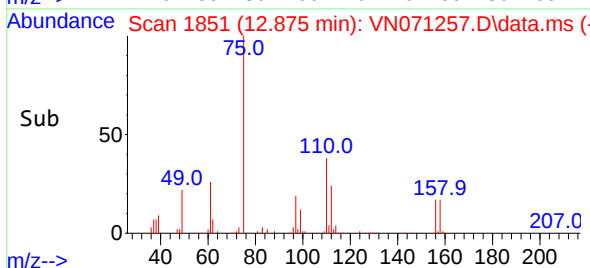
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

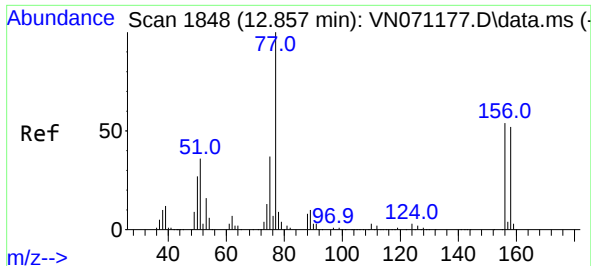


#76
1,2,3-Trichloropropane
Concen: 54.306 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. 0.001 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



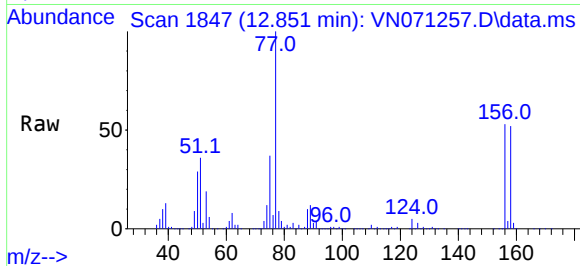
Tgt Ion: 75 Resp: 546763
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 43.799 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

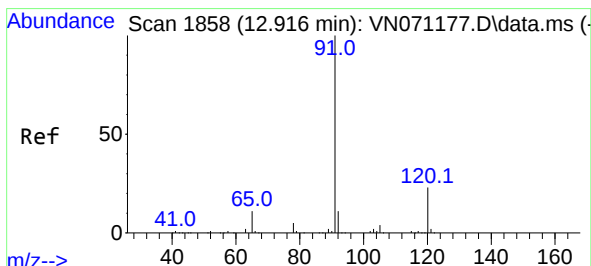
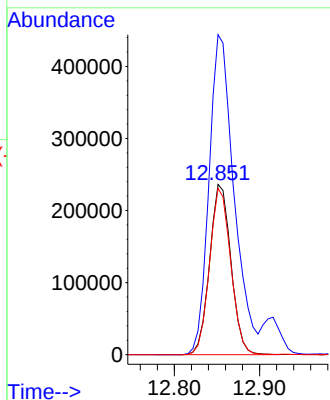
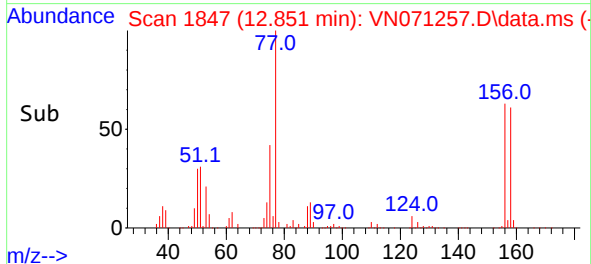
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



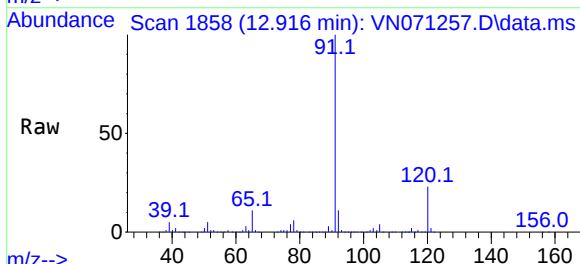
Tgt Ion:156 Resp: 410827
Ion Ratio Lower Upper
156 100
77 220.6 90.6 271.8
158 97.2 48.9 146.7

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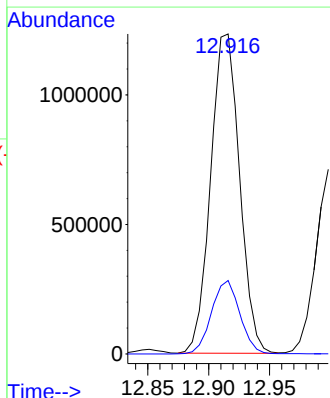
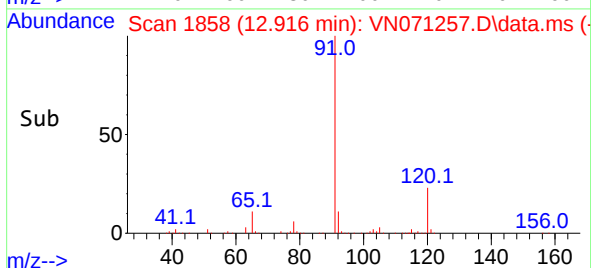
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

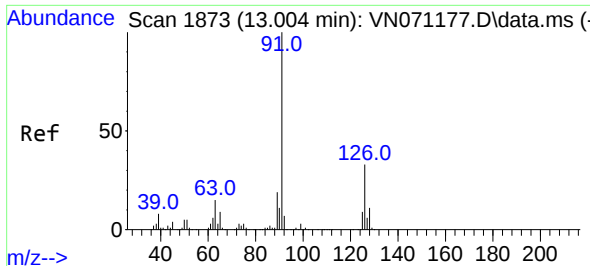


#78
n-propylbenzene
Concen: 47.212 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion: 91 Resp: 2037860
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





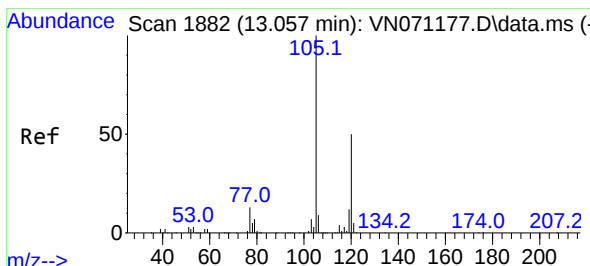
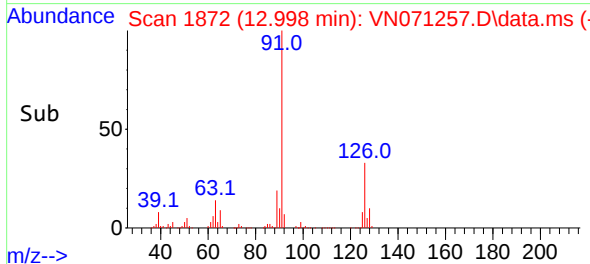
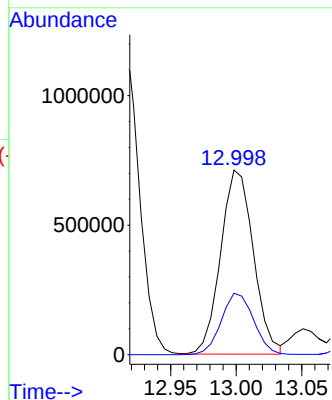
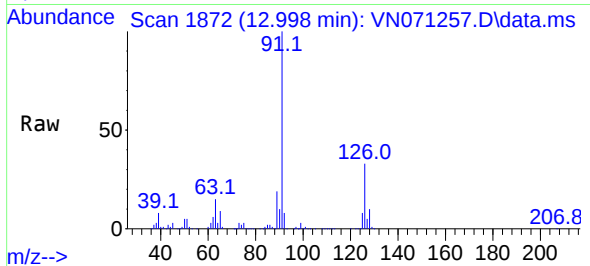
#79
2-Chlorotoluene
Concen: 44.580 ug/l
RT: 12.998 min Scan# 1872
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1235218
Ion Ratio Lower Upper
91 100
126 33.0 18.3 54.8

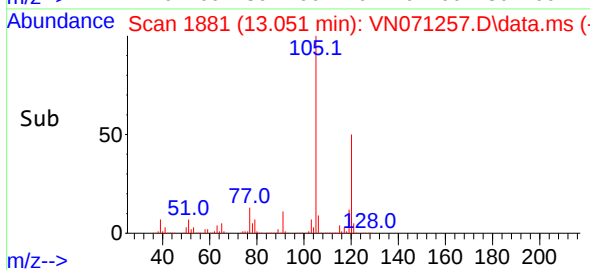
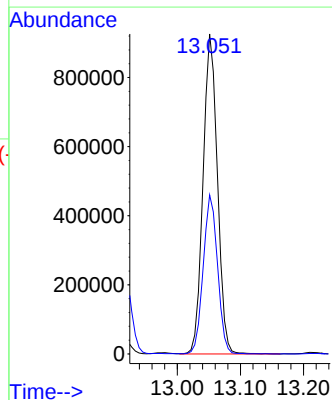
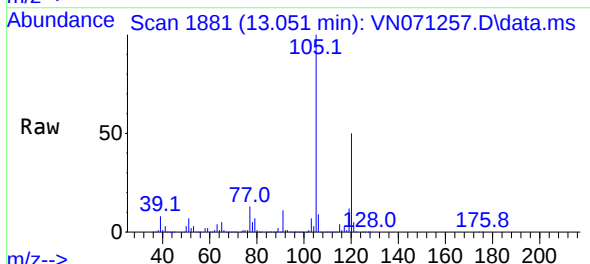
Manual Integrations
APPROVED

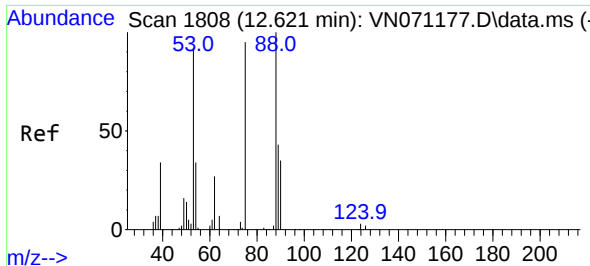
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.675 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Tgt Ion:105 Resp: 1460684
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





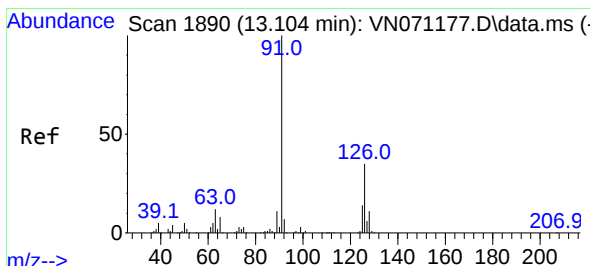
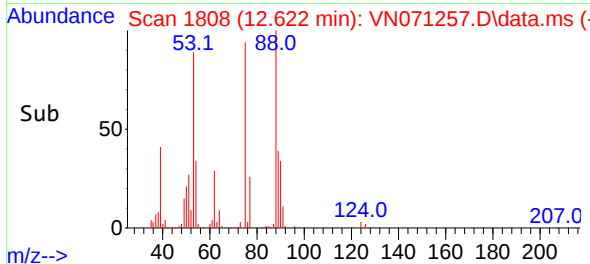
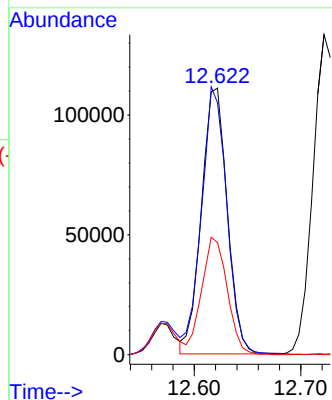
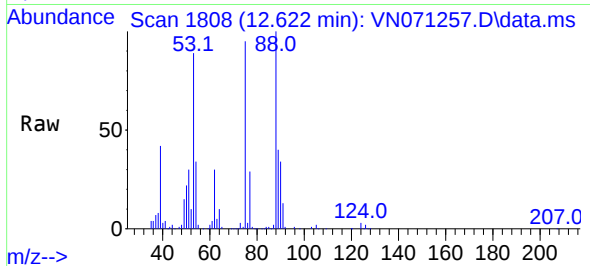
#81
trans-1,4-Dichloro-2-butene
Concen: 48.512 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 187262
Ion Ratio Lower Upper
75 100
53 99.1 90.5 135.7
89 43.6 38.2 57.4

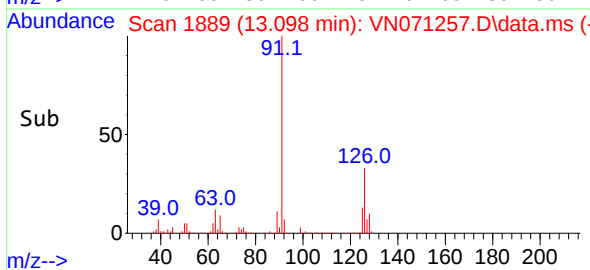
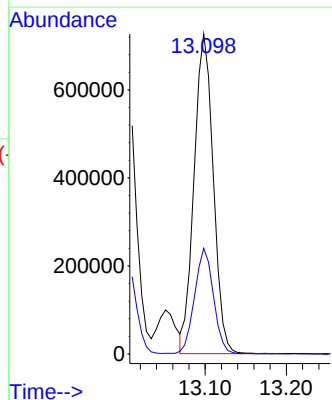
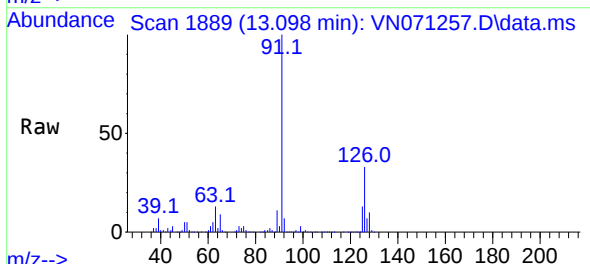
Manual Integrations
APPROVED

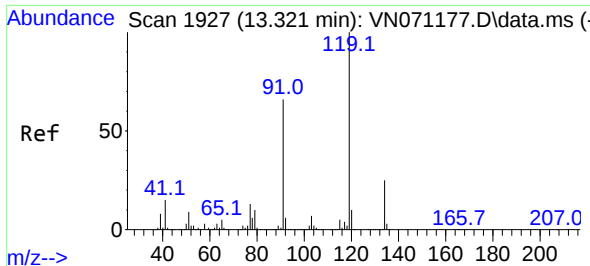
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#82
4-Chlorotoluene
Concen: 48.346 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

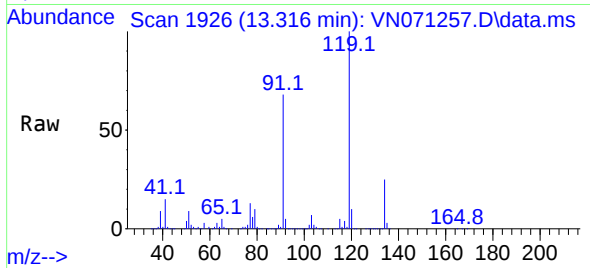
Tgt Ion: 91 Resp: 1193199
Ion Ratio Lower Upper
91 100
126 32.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 45.008 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

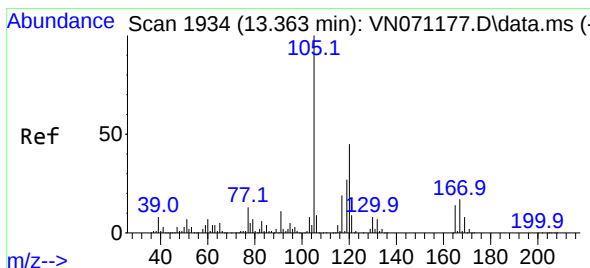
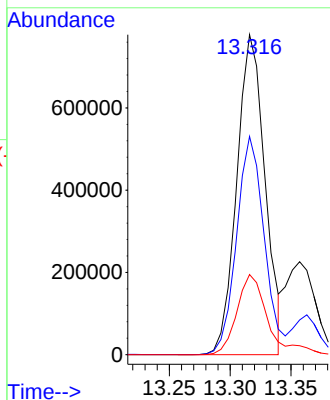
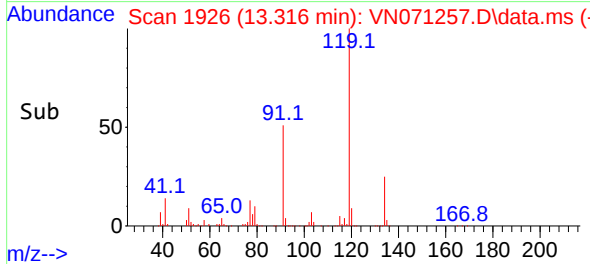
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



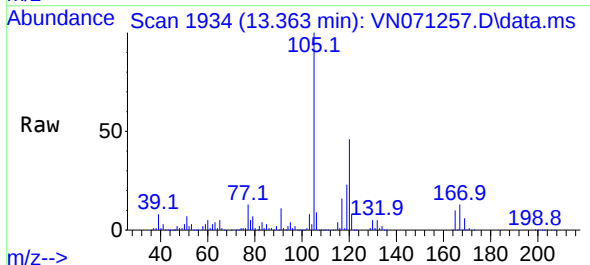
Tgt Ion:119 Resp: 1256990
Ion Ratio Lower Upper
119 100
91 66.9 31.5 94.5
134 27.4 12.4 37.4

Manual Integrations
APPROVED

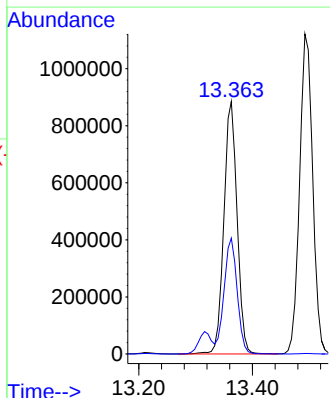
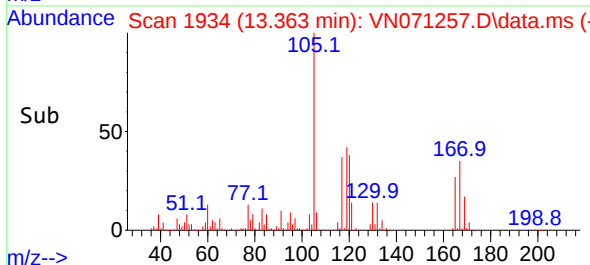
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

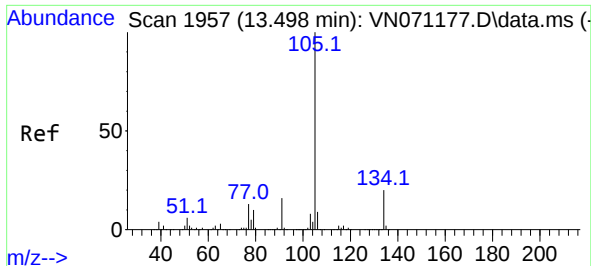


#84
1,2,4-Trimethylbenzene
Concen: 47.858 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion:105 Resp: 1434574
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 48.279 ug/l
 RT: 13.492 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: VN071257.D
 Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

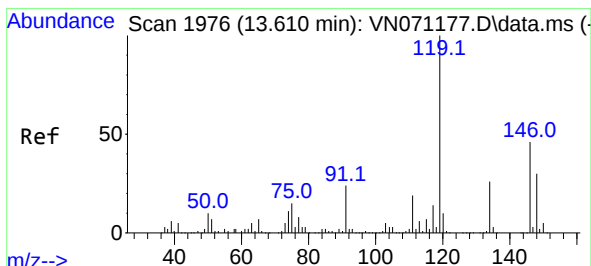
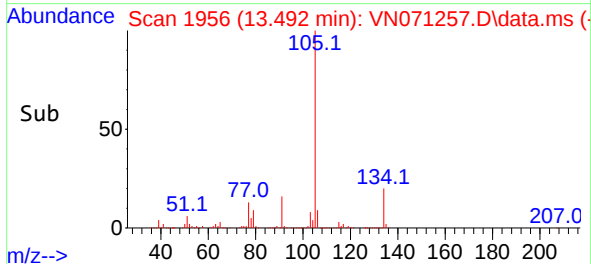
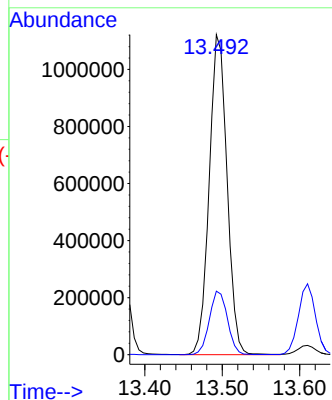
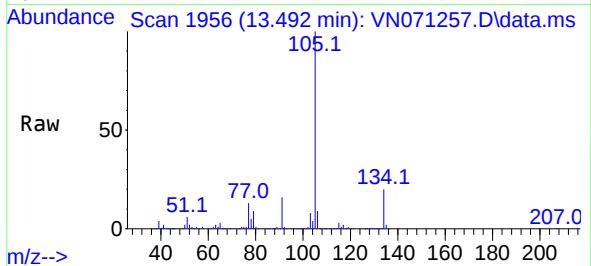
VSTDCCC050

Tgt Ion:105 Resp: 179218
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

Manual Integrations

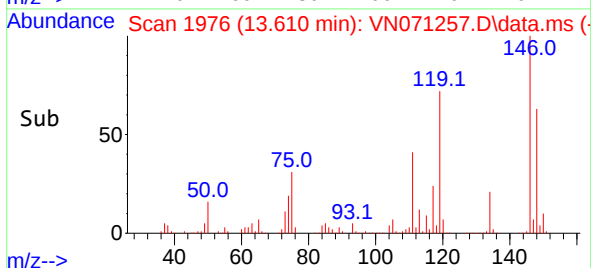
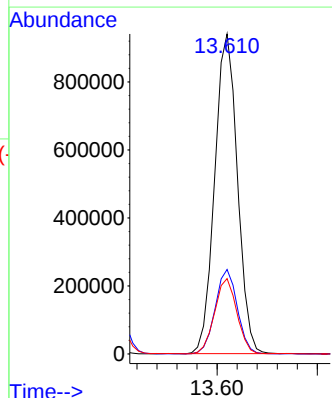
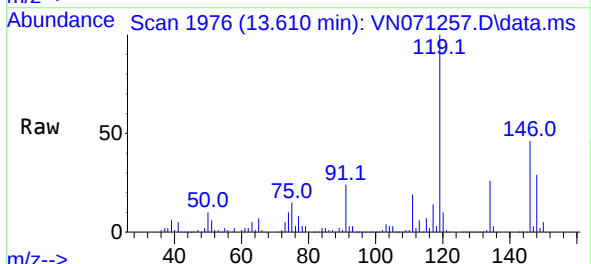
APPROVED

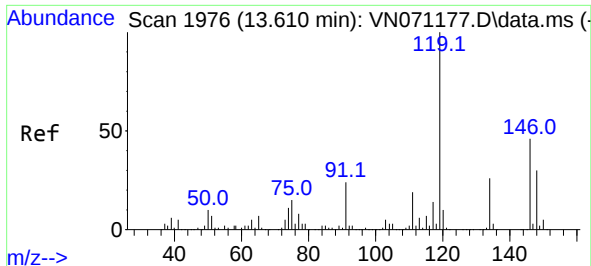
Reviewed By :John Carlone 03/15/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#86
 p-Isopropyltoluene
 Concen: 50.507 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071257.D
 Acq: 14 Mar 2022 10:24

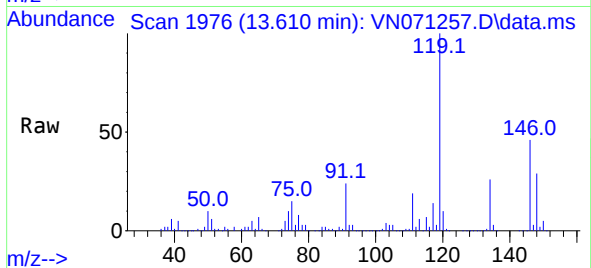
Tgt Ion:119 Resp: 1474484
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 23.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 47.079 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

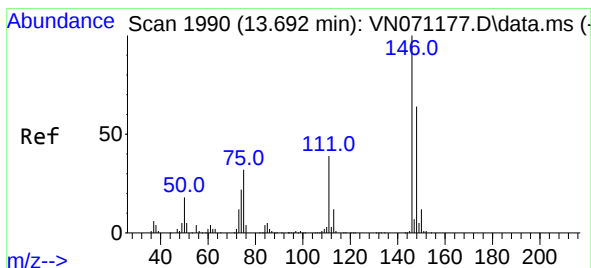
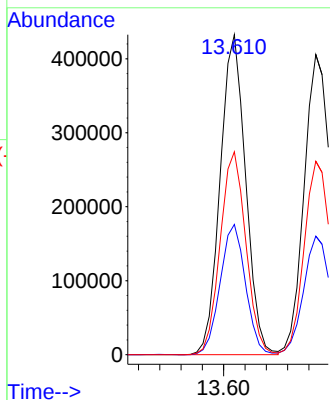
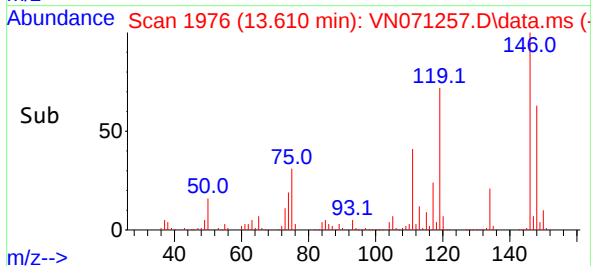
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



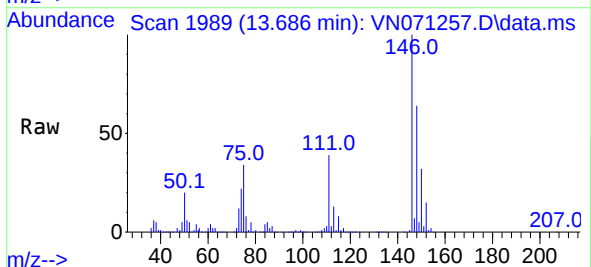
Tgt Ion:146 Resp: 717514
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
APPROVED

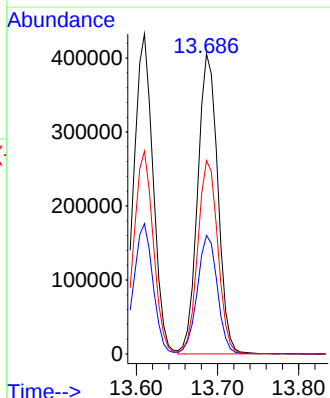
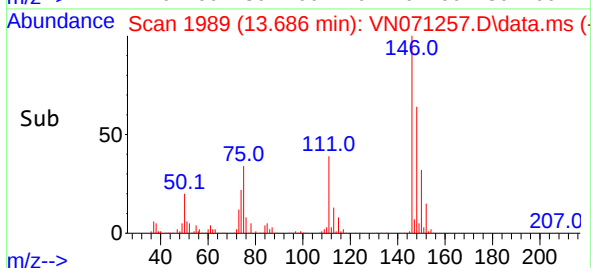
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

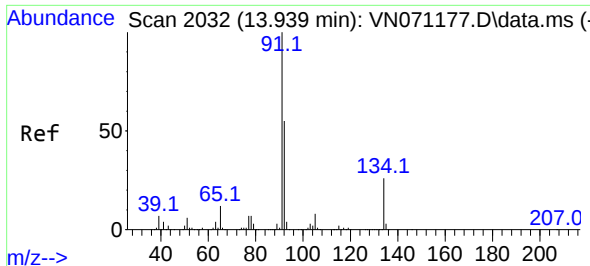


#88
1,4-Dichlorobenzene
Concen: 46.813 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion:146 Resp: 697400
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 64.2 31.8 95.4





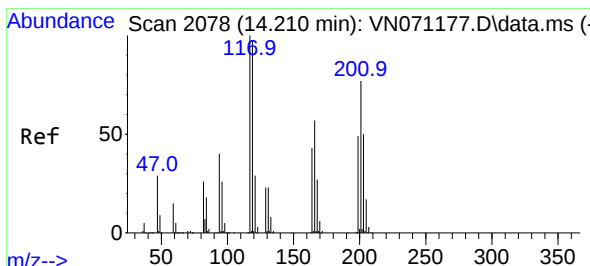
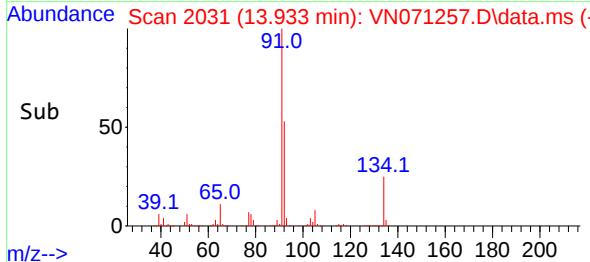
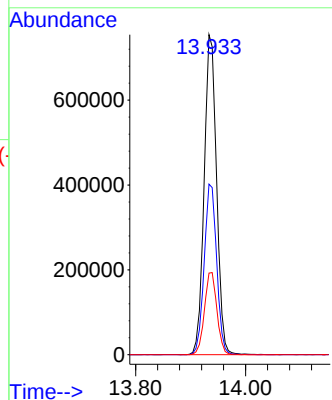
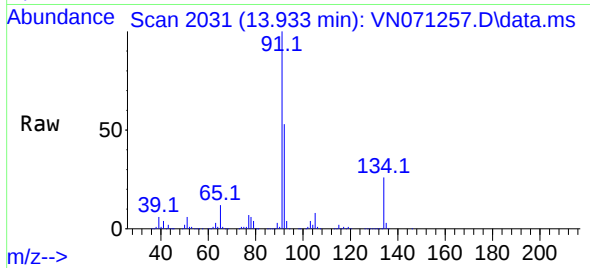
#89
n-Butylbenzene
Concen: 51.721 ug/l
RT: 13.933 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 118098
Ion Ratio Lower Upper
91 100
92 53.7 25.4 76.0
134 25.9 13.6 40.8

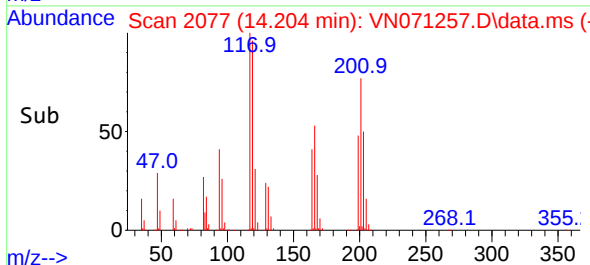
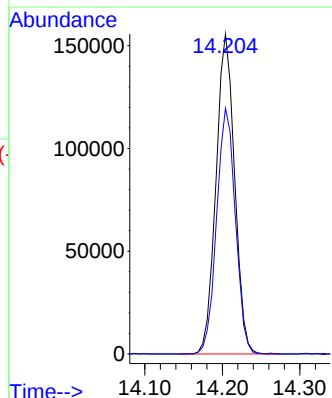
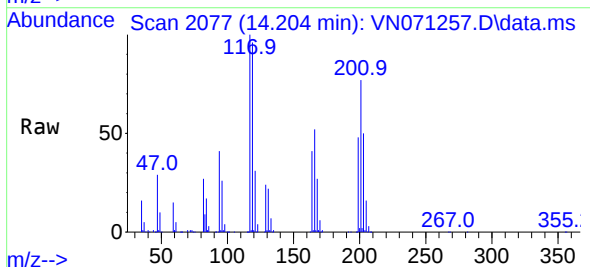
Manual Integrations
APPROVED

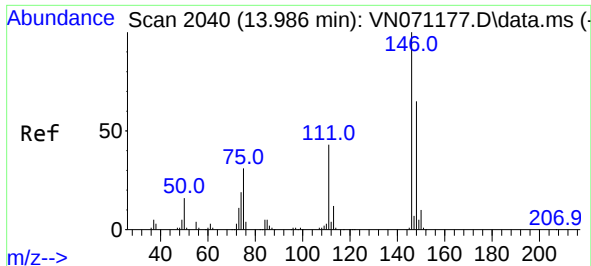
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#90
Hexachloroethane
Concen: 44.787 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

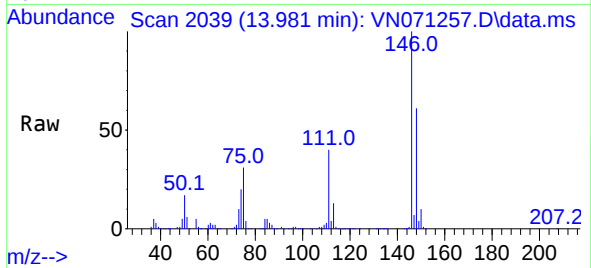
Tgt Ion:117 Resp: 260011
Ion Ratio Lower Upper
117 100
201 77.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.963 ug/l
RT: 13.981 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

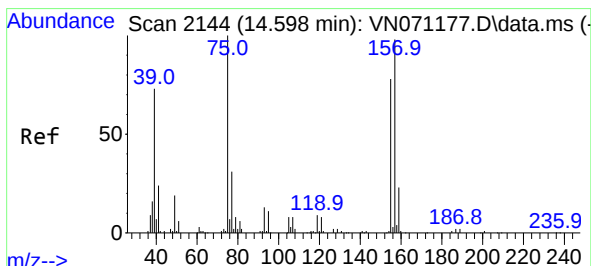
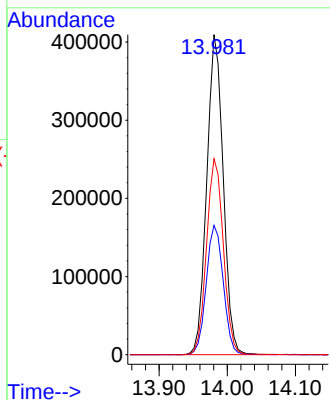
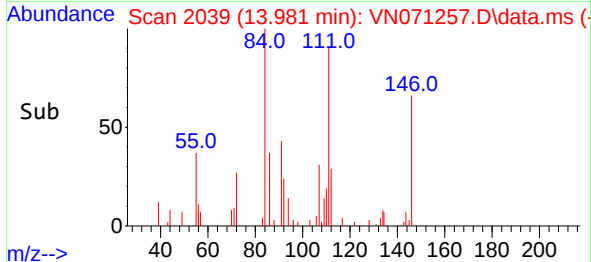
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



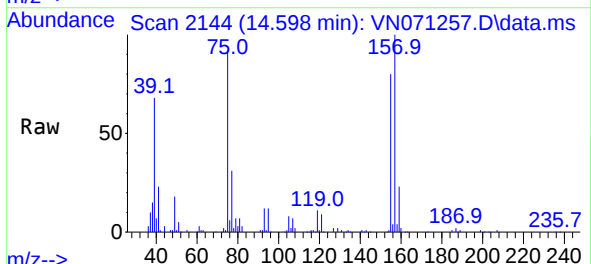
Tgt Ion:146 Resp: 68812
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 62.7 32.1 96.3

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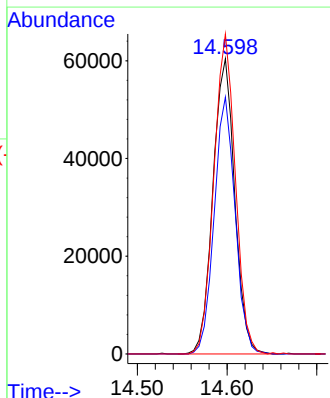
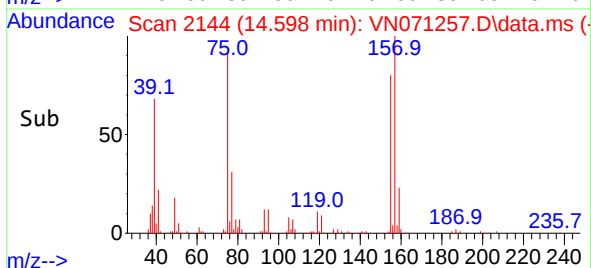
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

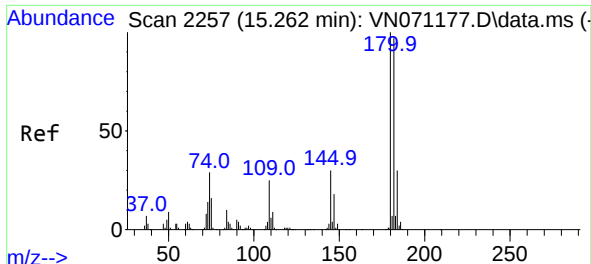


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.583 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion: 75 Resp: 102002
Ion Ratio Lower Upper
75 100
155 83.5 46.9 140.7
157 106.8 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 47.420 ug/l

RT: 15.257 min Scan# 2257

Delta R.T. -0.005 min

Lab File: VN071257.D

Acq: 14 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 323158

Ion Ratio Lower Upper

180 100

182 94.9 48.3 144.9

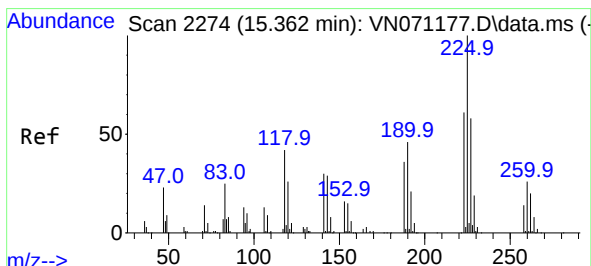
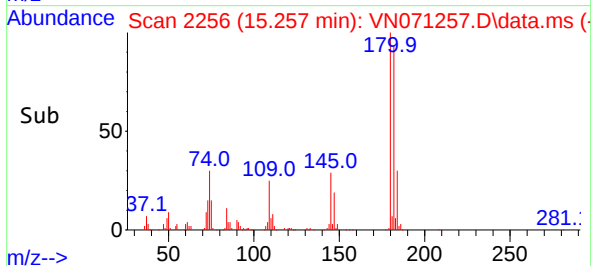
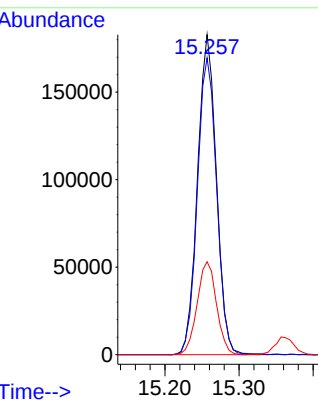
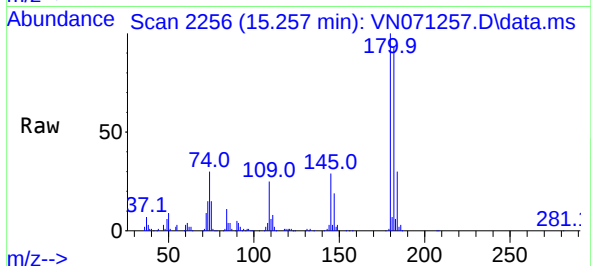
145 29.9 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#94

Hexachlorobutadiene

Concen: 48.311 ug/l

RT: 15.363 min Scan# 2274

Delta R.T. 0.001 min

Lab File: VN071257.D

Acq: 14 Mar 2022 10:24

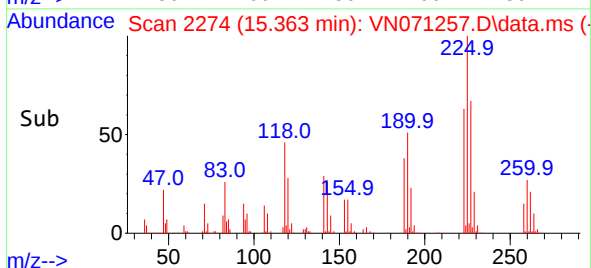
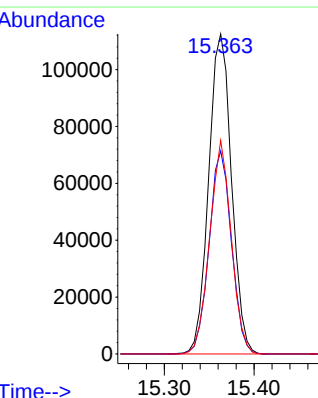
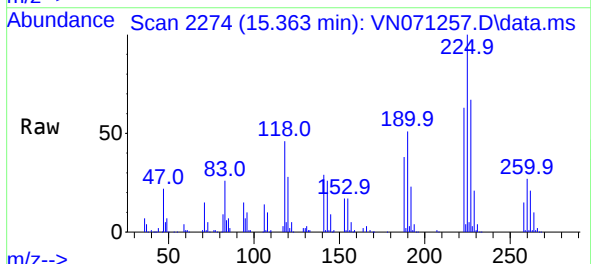
Tgt Ion:225 Resp: 198719

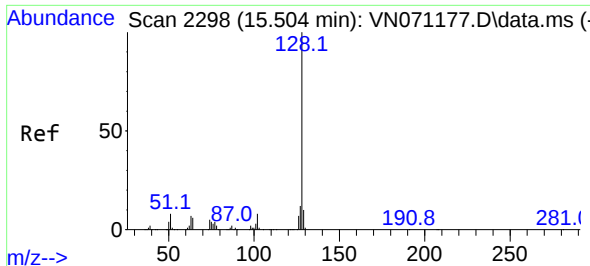
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.7

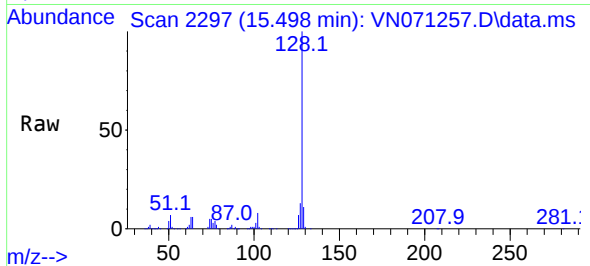
227 63.0 32.1 96.3





#95
Naphthalene
Concen: 47.068 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24

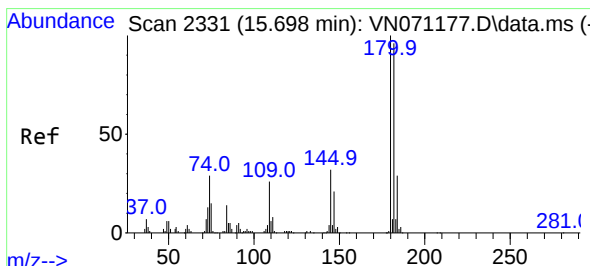
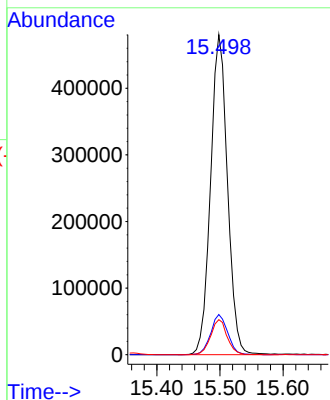
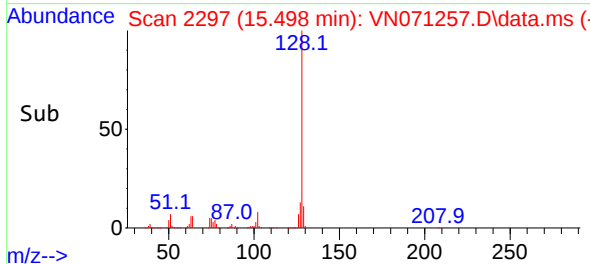
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



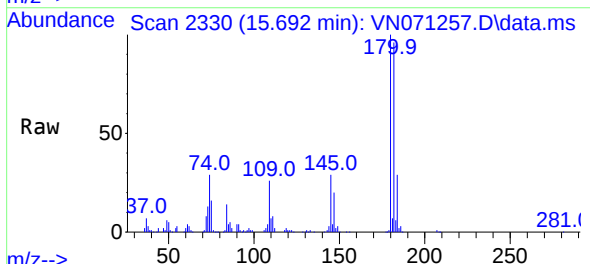
Tgt Ion:128 Resp: 894028
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.470 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071257.D
Acq: 14 Mar 2022 10:24



Tgt Ion:180 Resp: 310025
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 31.5 15.0 45.1

