

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071531.D
 Acq On : 24 Mar 2022 20:22
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 09:33:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	694560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1117281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1021482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	426225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	410309	51.527	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.060%			
35) Dibromofluoromethane	8.016	113	335607	50.775	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.540%			
50) Toluene-d8	10.439	98	1338513	50.423	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.727	95	438357	46.926	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	344748	47.910	ug/l	100
3) Chloromethane	2.299	50	401020	44.536	ug/l	100
4) Vinyl Chloride	2.440	62	462132	50.281	ug/l	100
5) Bromomethane	2.834	94	286383	54.409	ug/l	100
6) Chloroethane	3.005	64	294461	48.709	ug/l	100
7) Trichlorofluoromethane	3.369	101	534967	47.075	ug/l	100
8) Diethyl Ether	3.822	74	224663	45.740	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	319062	45.984	ug/l	100
10) Methyl Iodide	4.422	142	481722	50.072	ug/l	100
11) Tert butyl alcohol	5.363	59	388495	264.948	ug/l	100
12) 1,1-Dichloroethene	4.181	96	319728	47.027	ug/l	100
13) Acrolein	4.040	56	287898	222.355	ug/l	100
14) Allyl chloride	4.840	41	514582	40.732	ug/l	100
15) Acrylonitrile	5.546	53	1052370	246.678	ug/l	100
16) Acetone	4.281	43	846893	199.673	ug/l	100
17) Carbon Disulfide	4.528	76	817838	42.644	ug/l	100
18) Methyl Acetate	4.846	43	453758	43.144	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1140660	48.150	ug/l	100
20) Methylene Chloride	5.093	84	373083	47.004	ug/l	100
21) trans-1,2-Dichloroethene	5.598	96	342733	47.154	ug/l	100
22) Diisopropyl ether	6.493	45	1089998	44.714	ug/l	100
23) Vinyl Acetate	6.428	43	4738923	229.247	ug/l	100
24) 1,1-Dichloroethane	6.381	63	644213	46.541	ug/l	100
25) 2-Butanone	7.328	43	1378948	239.397	ug/l	100
26) 2,2-Dichloropropane	7.322	77	544962	47.385	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	409763	48.828	ug/l	100
28) Bromochloromethane	7.651	49	262232	47.037	ug/l	100
29) Tetrahydrofuran	7.681	42	912309	242.779	ug/l	100
30) Chloroform	7.810	83	646857	47.328	ug/l	100
31) Cyclohexane	8.092	56	572326	42.630	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	569328	48.315	ug/l	100
36) 1,1-Dichloropropene	8.216	75	486363	45.281	ug/l	100
37) Ethyl Acetate	7.404	43	554636	47.859	ug/l	100
38) Carbon Tetrachloride	8.204	117	475487	44.984	ug/l	100
39) Methylcyclohexane	9.457	83	625127	45.361	ug/l	100
40) Benzene	8.457	78	1506533	47.086	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	254224	43.010	ug/l	100
42) 1,2-Dichloroethane	8.528	62	527067	48.081	ug/l	100
43) Isopropyl Acetate	8.557	43	840426	46.380	ug/l	100
44) Trichloroethene	9.210	130	388702	46.190	ug/l	100
45) 1,2-Dichloropropane	9.486	63	374842	46.022	ug/l	100
46) Dibromomethane	9.575	93	253193	46.958	ug/l	100
47) Bromodichloromethane	9.757	83	509638	46.785	ug/l	100
48) Methyl methacrylate	9.557	41	403337	47.060	ug/l	100
49) 1,4-Dioxane	9.563	88	183689	1148.781	ug/l	100
51) 4-Methyl-2-Pentanone	10.328	43	2723637	244.486	ug/l	100
52) Toluene	10.504	92	966469	48.112	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	561848	47.661	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	613380	47.429	ug/l	100
55) 1,1,2-Trichloroethane	10.892	97	376550	47.717	ug/l	100
56) Ethyl methacrylate	10.757	69	611569	51.420	ug/l	100
57) 1,3-Dichloropropane	11.039	76	650879	47.873	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	882709	393.689	ug/l	100
59) 2-Hexanone	11.080	43	1993638	258.894	ug/l	100
60) Dibromochloromethane	11.233	129	393279	47.606	ug/l	100
61) 1,2-Dibromoethane	11.339	107	395112	49.156	ug/l	100
64) Tetrachloroethene	10.975	164	330592	42.380	ug/l	100
65) Chlorobenzene	11.769	112	1025714	46.884	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	370628	46.647	ug/l	100
67) Ethyl Benzene	11.839	91	1831263	47.938	ug/l	100
68) m/p-Xylenes	11.945	106	1420701	96.465	ug/l	100
69) o-Xylene	12.275	106	701704	48.601	ug/l	100
70) Styrene	12.292	104	1118369	48.965	ug/l	100
71) Bromoform	12.457	173	301721	47.713	ug/l	100
73) Isopropylbenzene	12.575	105	1789435	51.491	ug/l	100
74) N-amyl acetate	12.380	43	596940	53.931	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	578859	51.846	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	434534m	44.569	ug/l	100
77) Bromobenzene	12.857	156	425880	50.173	ug/l	100
78) n-propylbenzene	12.916	91	1969394	50.737	ug/l	100
79) 2-Chlorotoluene	13.004	91	1201894	50.817	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1434036	51.201	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	174308	54.687	ug/l	100
82) 4-Chlorotoluene	13.098	91	1135528	49.853	ug/l	100
83) tert-Butylbenzene	13.316	119	1295552	48.937	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	1402284	50.863	ug/l	100
85) sec-Butylbenzene	13.498	105	1752614	50.236	ug/l	100
86) p-Isopropyltoluene	13.610	119	1438291	50.442	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	721192	48.563	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	698264	47.955	ug/l	100
89) n-Butylbenzene	13.939	91	1072731	46.718	ug/l	100
90) Hexachloroethane	14.204	117	261303	50.979	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	688785	49.194	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	105374	57.859	ug/l	100
93) 1,2,4-Trichlorobenzene	15.257	180	328614	48.286	ug/l	100
94) Hexachlorobutadiene	15.368	225	192535	39.061	ug/l	100
95) Naphthalene	15.498	128	981874	65.894	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	329978	52.741	ug/l	100

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QLast Update : Fri Mar 25 09:31:19 2022
Response via : Initial Calibration

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

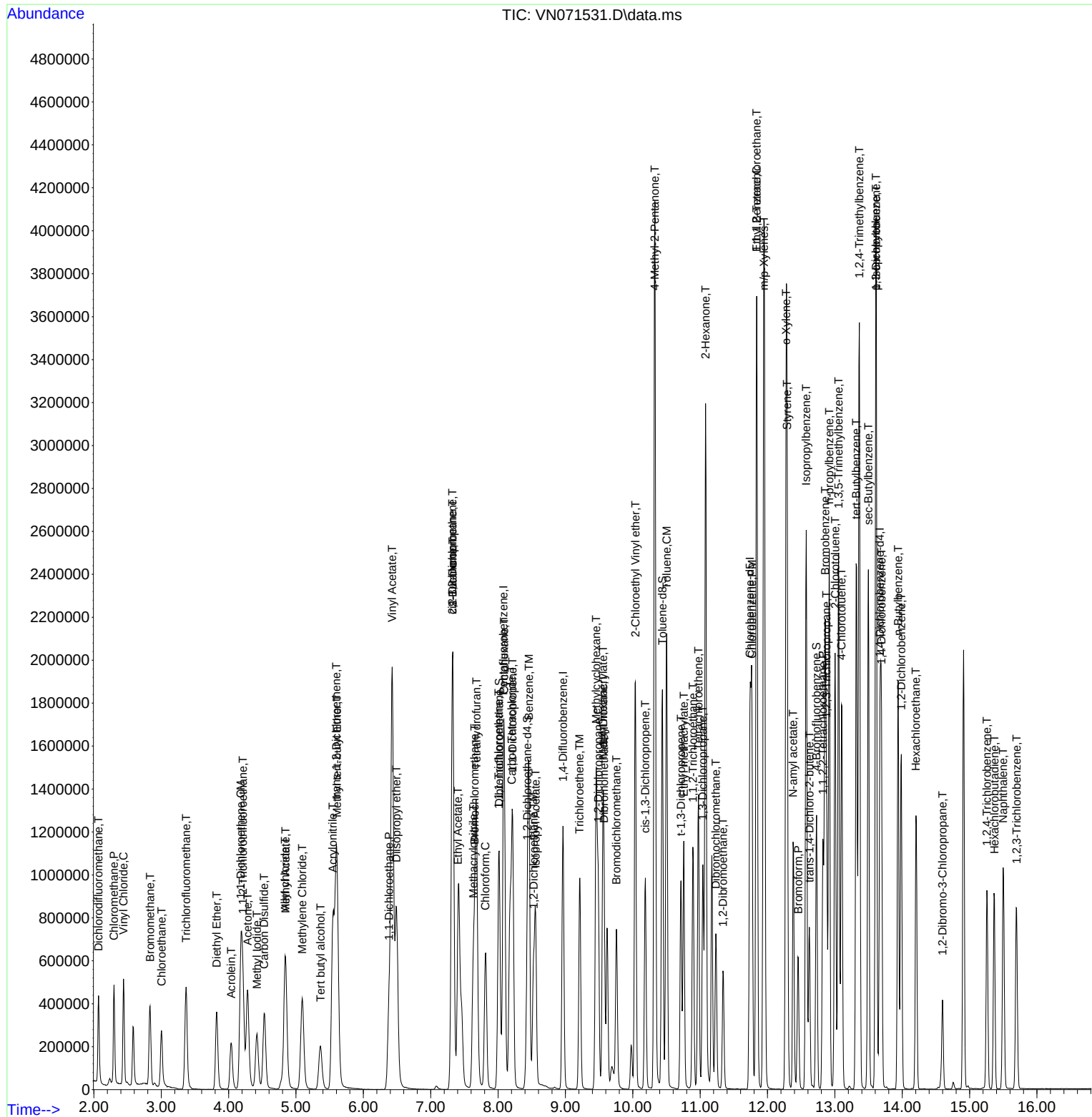
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
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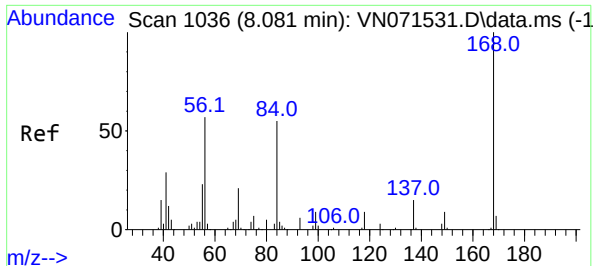
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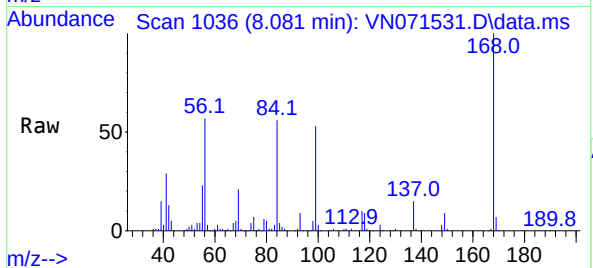
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071531.D
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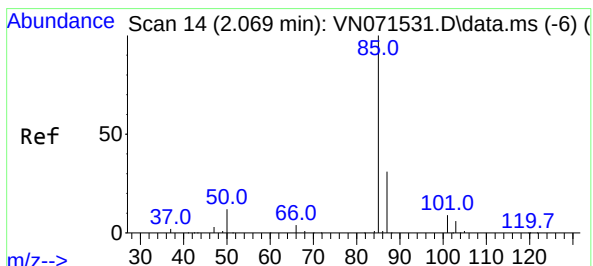
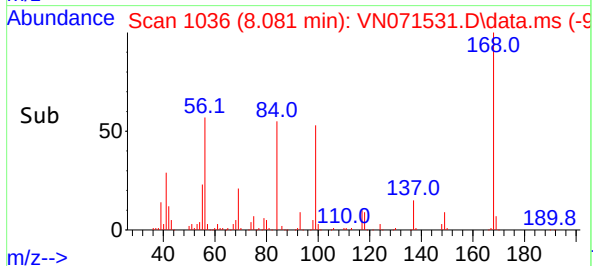
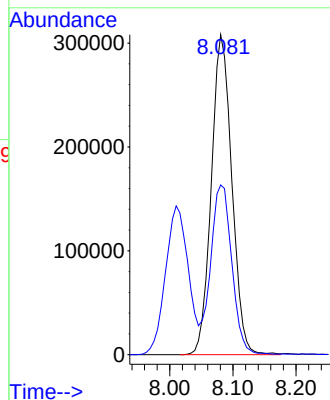
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 694560
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5

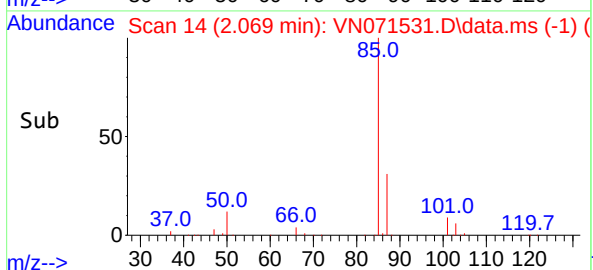
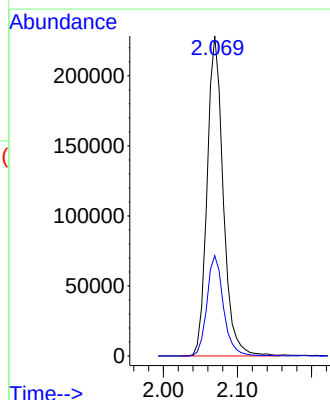
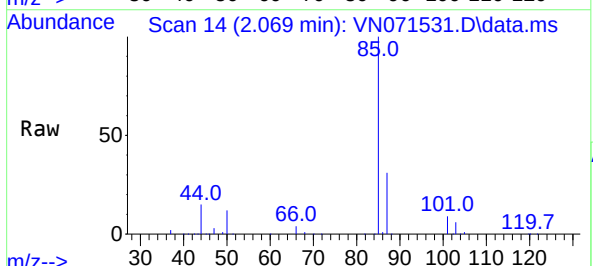
Manual Integrations
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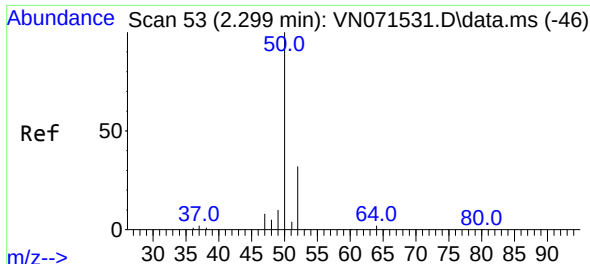
Reviewed By :John Carlone 03/25/2022
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#2
Dichlorodifluoromethane
Concen: 47.910 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

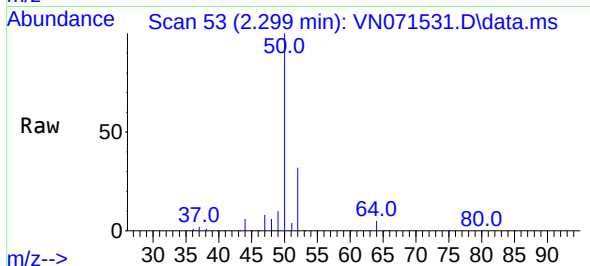
Tgt Ion: 85 Resp: 344748
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1





#3
Chloromethane
Concen: 44.536 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

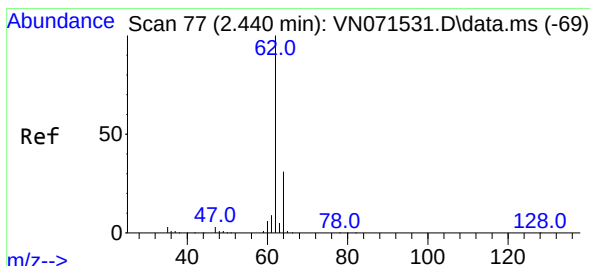
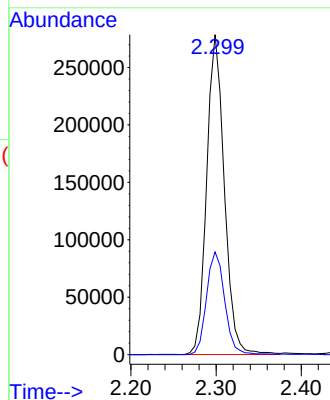
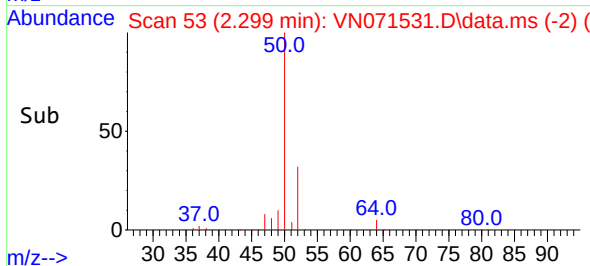
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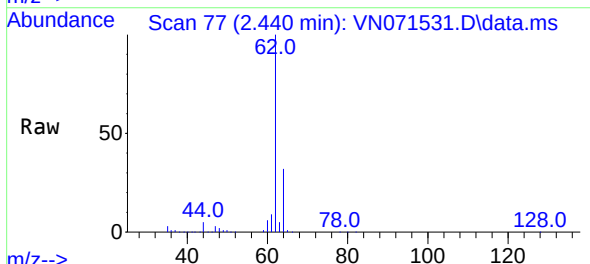
Tgt Ion: 50 Resp: 401020
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

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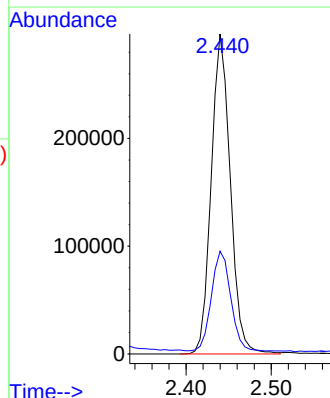
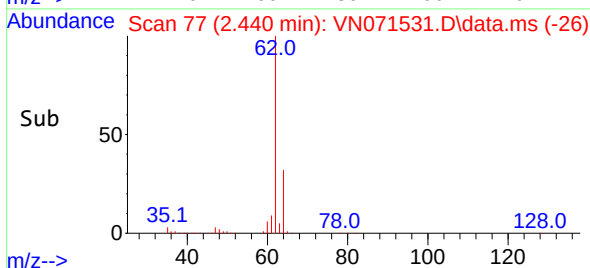
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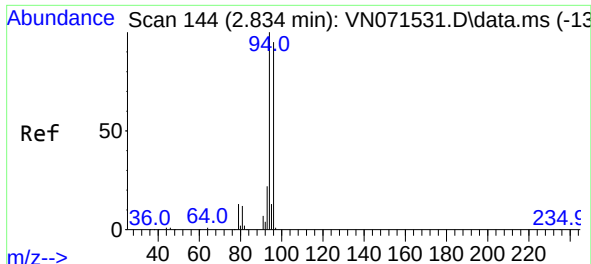


#4
Vinyl Chloride
Concen: 50.281 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



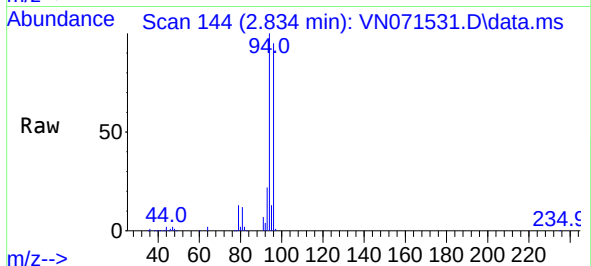
Tgt Ion: 62 Resp: 462132
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 54.409 ug/l
RT: 2.834 min Scan# 144
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

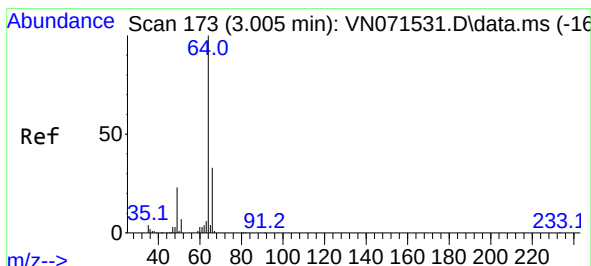
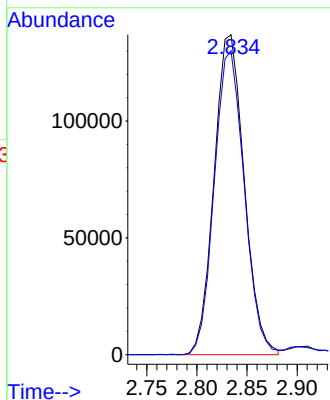
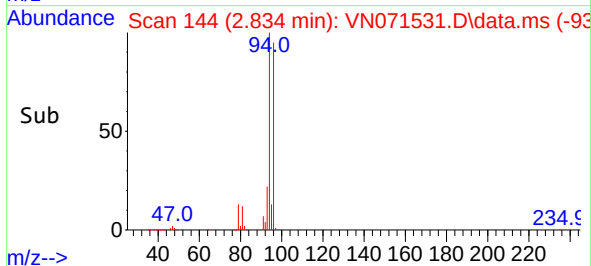
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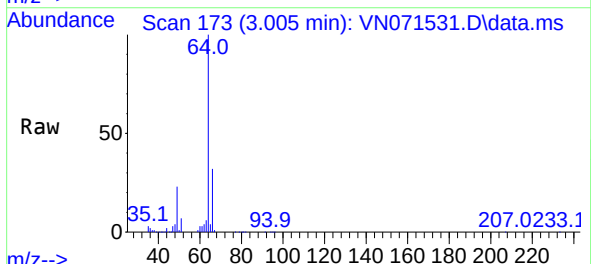
Tgt Ion: 94 Resp: 28638
Ion Ratio Lower Upper
94 100
96 95.0 76.0 114.0

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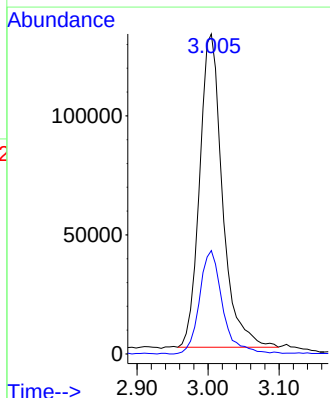
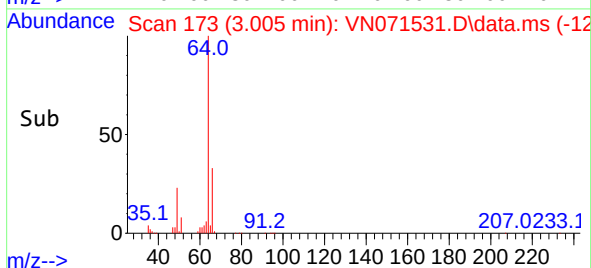
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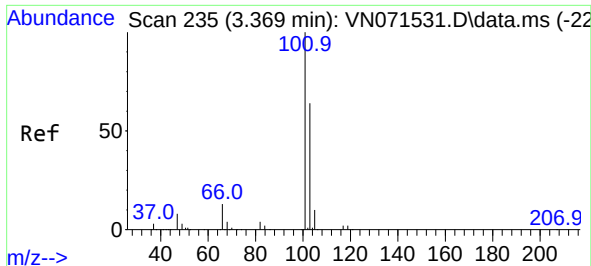


#6
Chloroethane
Concen: 48.709 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



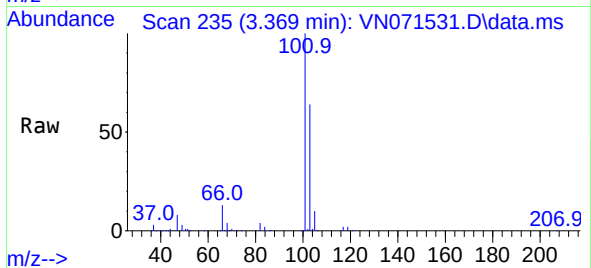
Tgt Ion: 64 Resp: 294461
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 47.075 ug/l
 RT: 3.369 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN071531.D
 Acq: 24 Mar 2022 20:22

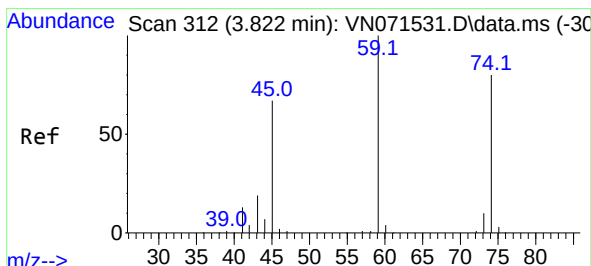
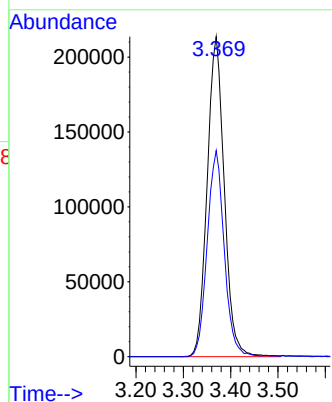
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 53496
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

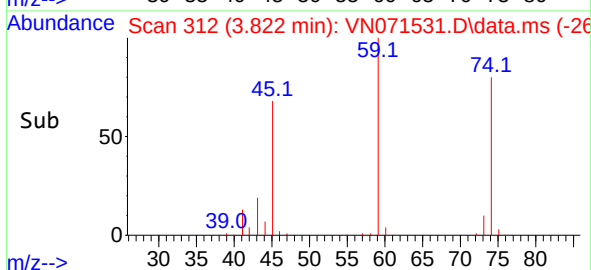
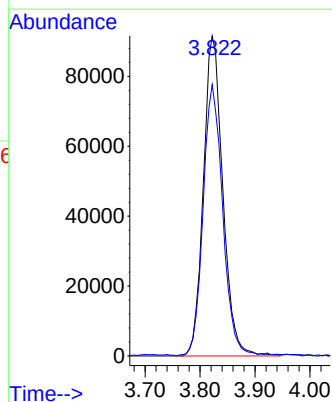
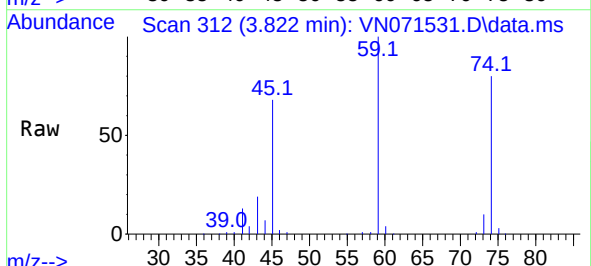
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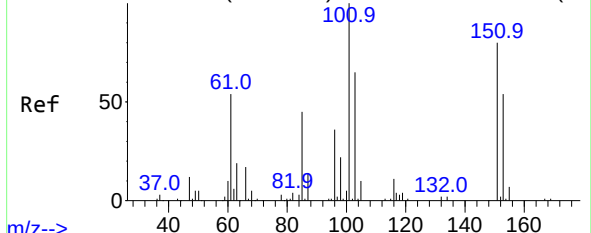


#8
 Diethyl Ether
 Concen: 45.740 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN071531.D
 Acq: 24 Mar 2022 20:22

Tgt Ion: 74 Resp: 224663
 Ion Ratio Lower Upper
 74 100
 45 85.7 42.9 128.5

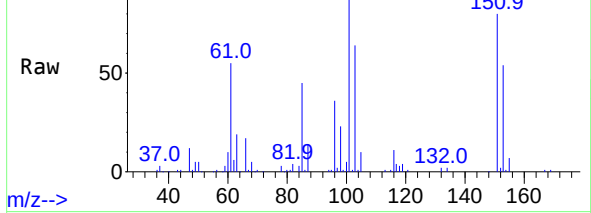


Abundance Scan 378 (4.210 min): VN071531.D\data.ms (-36



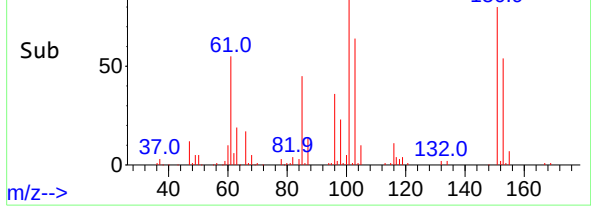
m/z-->

Abundance Scan 378 (4.210 min): VN071531.D\data.ms



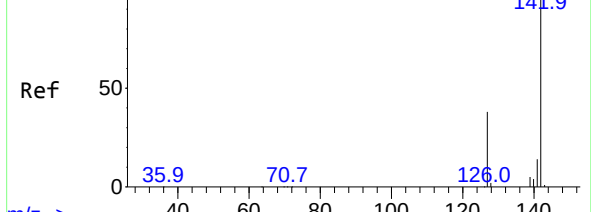
m/z-->

Abundance Scan 378 (4.210 min): VN071531.D\data.ms (-32



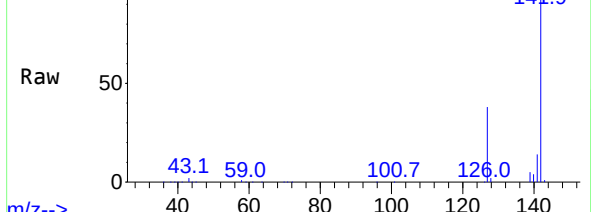
m/z-->

Abundance Scan 414 (4.422 min): VN071531.D\data.ms (-40



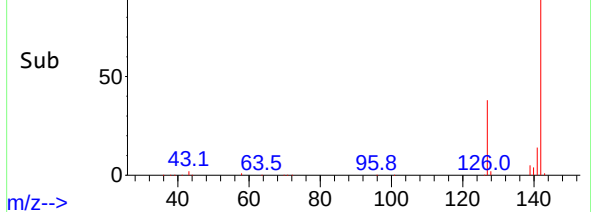
m/z-->

Abundance Scan 414 (4.422 min): VN071531.D\data.ms



m/z-->

Abundance Scan 414 (4.422 min): VN071531.D\data.ms (-36



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.984 ug/l

RT: 4.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN071531.D

Acq: 24 Mar 2022 20:22

Tgt Ion:101 Resp: 31906

Ion Ratio Lower Upper

101 100

85 43.4 34.7 52.1

151 78.7 63.0 94.4

Instrument :

MSVOA_N

ClientSampleId :

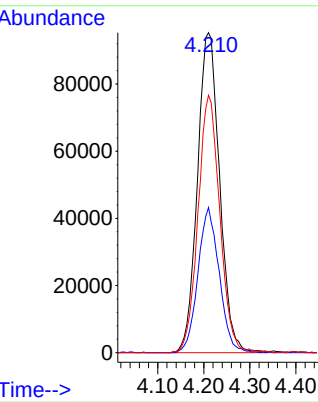
VSTDICCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#10

Methyl Iodide

Concen: 50.072 ug/l

RT: 4.422 min Scan# 414

Delta R.T. 0.000 min

Lab File: VN071531.D

Acq: 24 Mar 2022 20:22

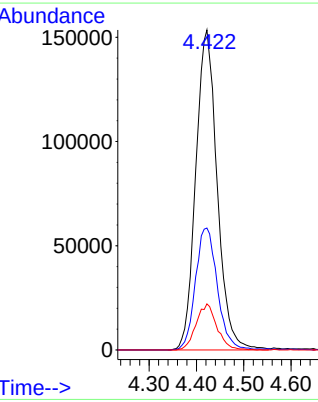
Tgt Ion:142 Resp: 481722

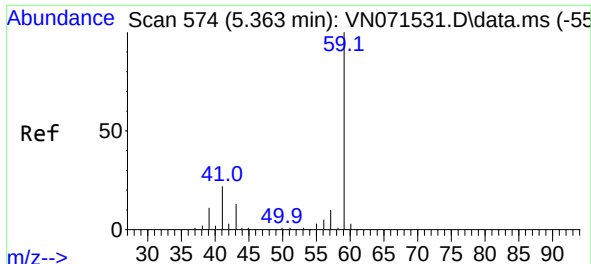
Ion Ratio Lower Upper

142 100

127 39.1 31.3 46.9

141 14.0 11.2 16.8





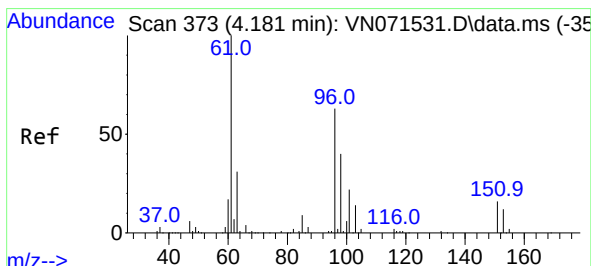
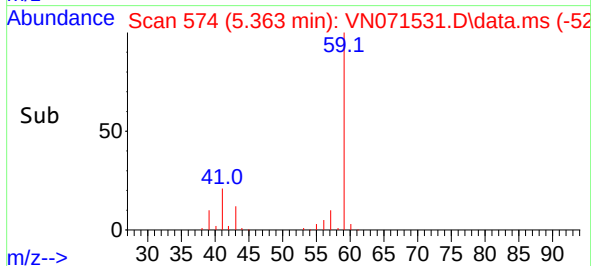
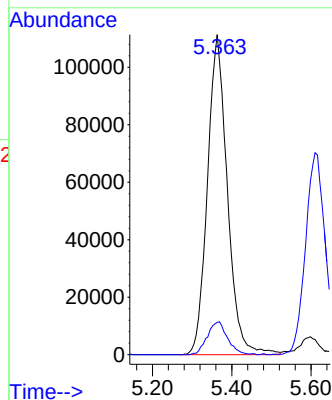
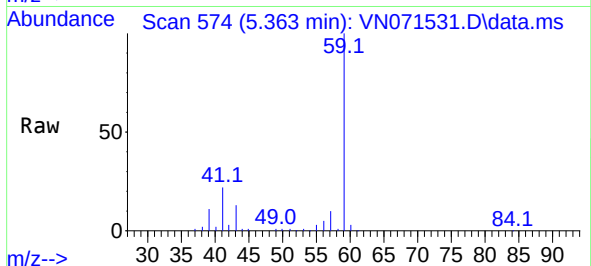
#11
Tert butyl alcohol
Concen: 264.948 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 38849
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

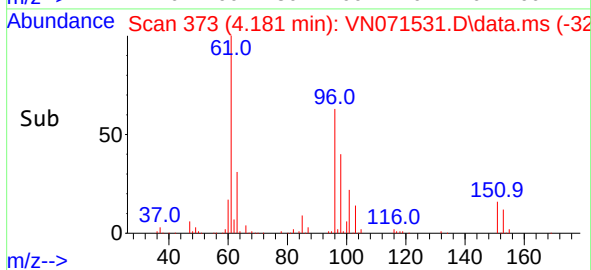
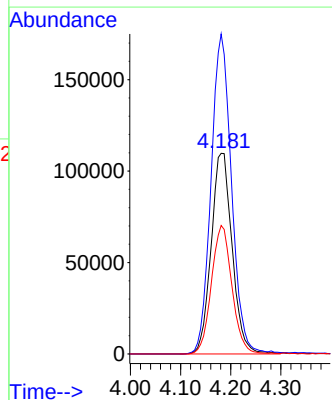
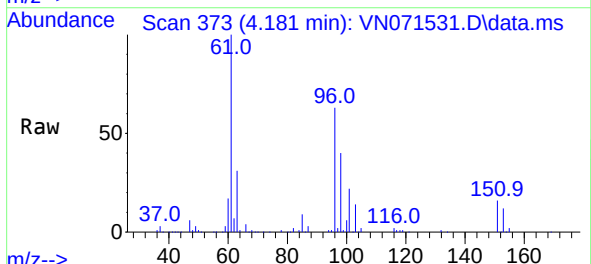
Manual Integrations
APPROVED

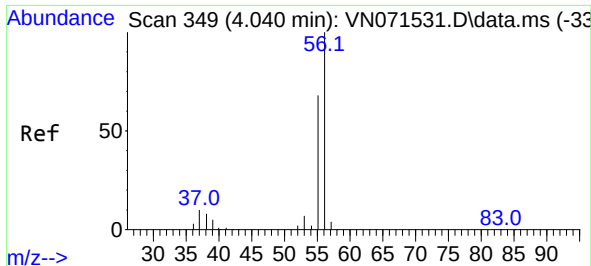
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#12
1,1-Dichloroethene
Concen: 47.027 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

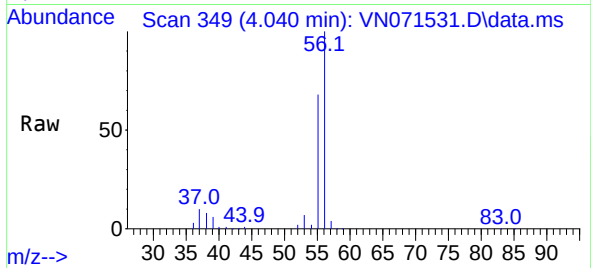
Tgt Ion: 96 Resp: 319728
Ion Ratio Lower Upper
96 100
61 159.5 127.6 191.4
98 64.0 51.2 76.8





#13
Acrolein
Concen: 222.355 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

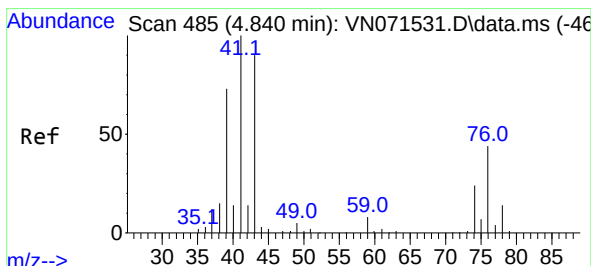
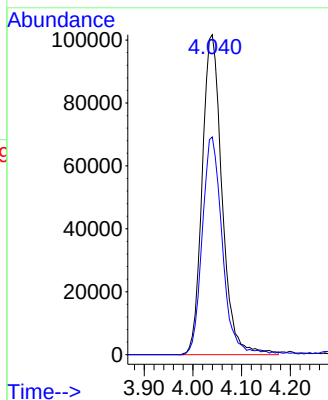
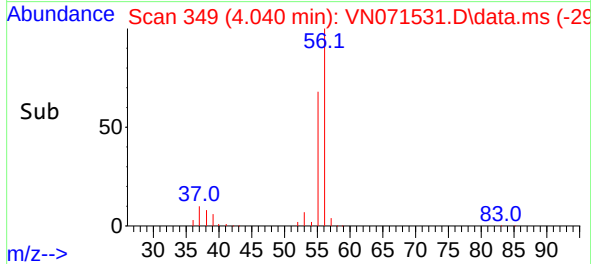
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



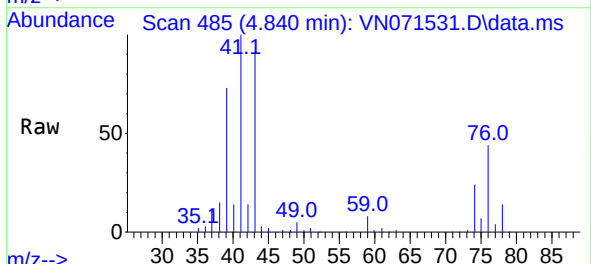
Tgt Ion: 56 Resp: 287898
Ion Ratio Lower Upper
56 100
55 68.5 54.8 82.2

Manual Integrations
APPROVED

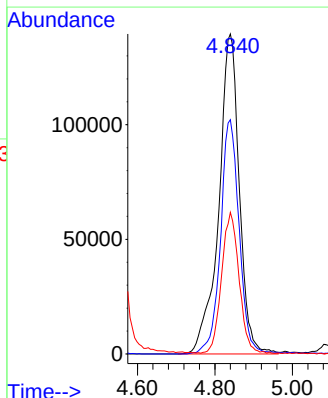
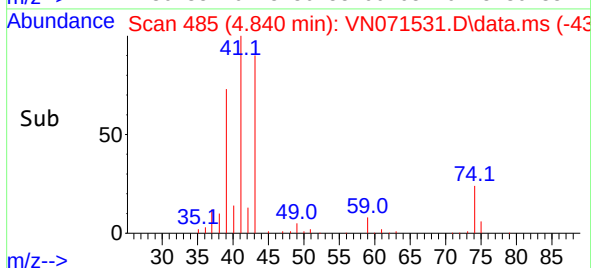
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

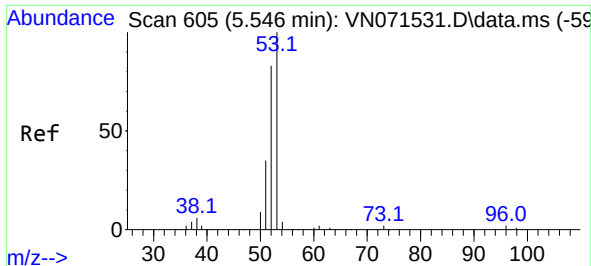


#14
Allyl chloride
Concen: 40.732 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



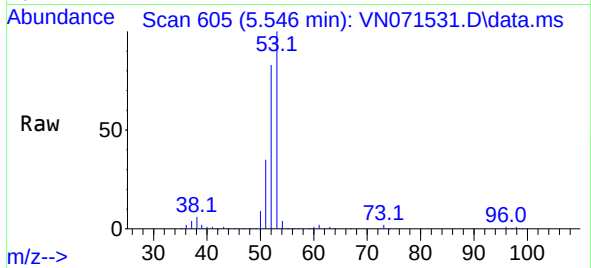
Tgt Ion: 41 Resp: 514582
Ion Ratio Lower Upper
41 100
39 66.5 53.2 79.8
76 37.4 29.9 44.9





#15
Acrylonitrile
Concen: 246.678 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

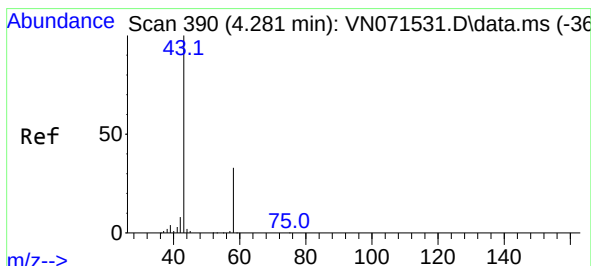
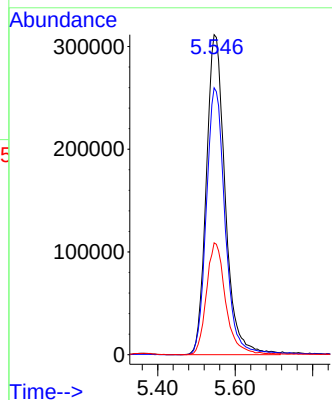
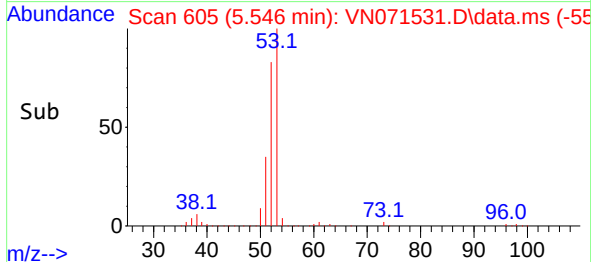
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 1052370
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 35.6 28.5 42.7

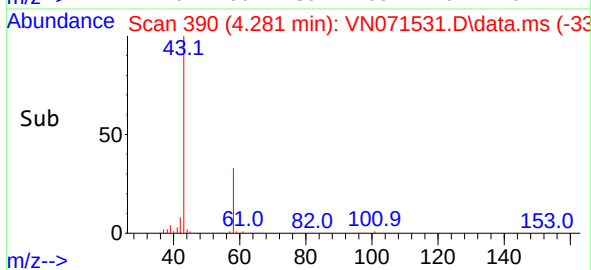
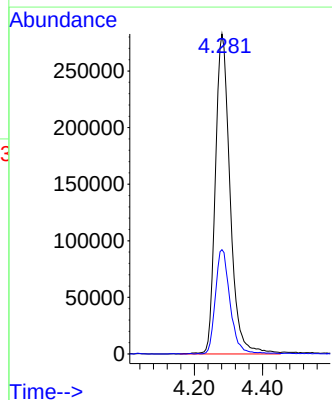
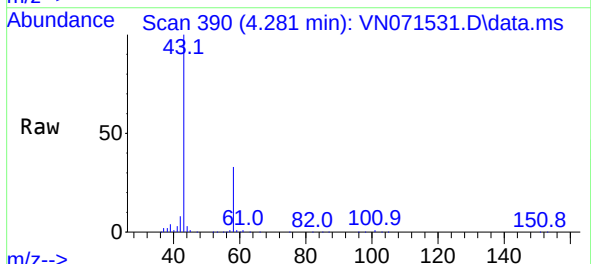
Manual Integrations
APPROVED

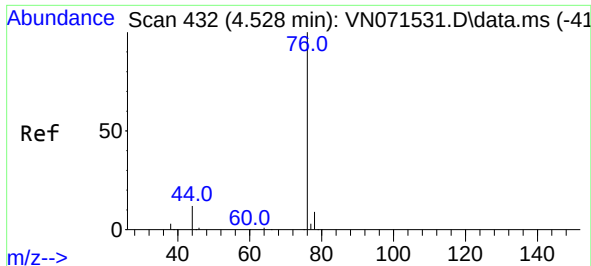
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 199.673 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

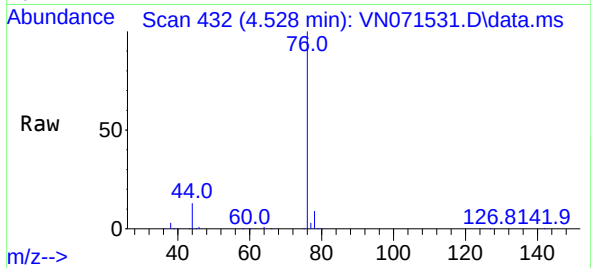
Tgt Ion: 43 Resp: 846893
Ion Ratio Lower Upper
43 100
58 32.5 26.0 39.0





#17
Carbon Disulfide
Concen: 42.644 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

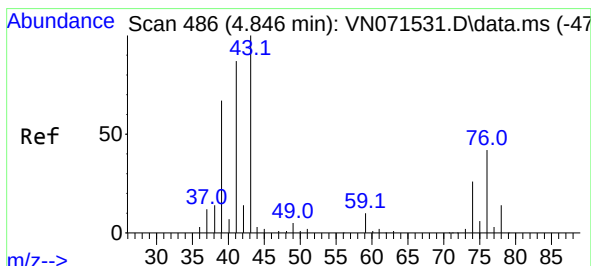
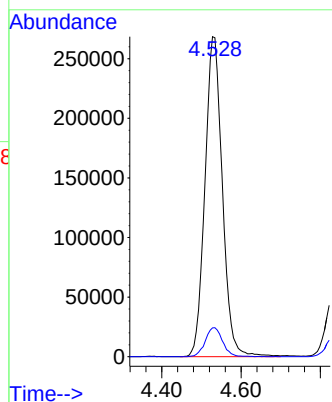
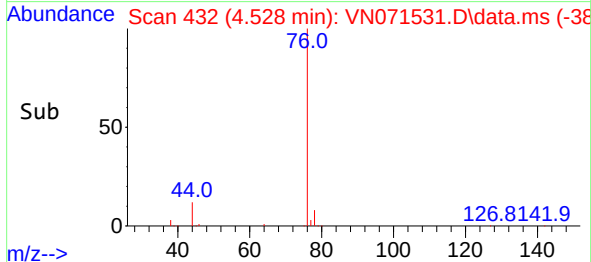
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



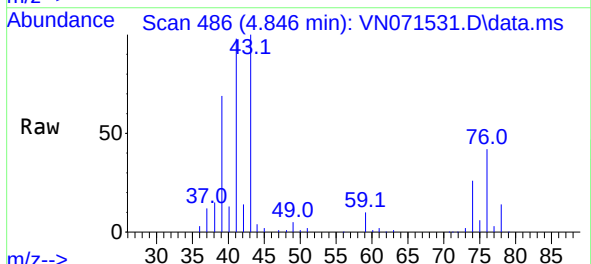
Tgt Ion: 76 Resp: 817838
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

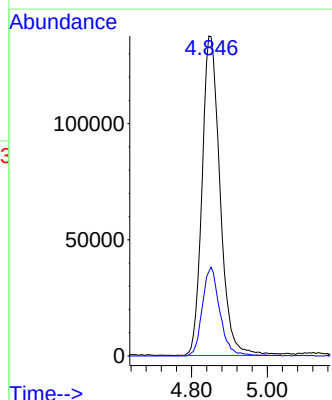
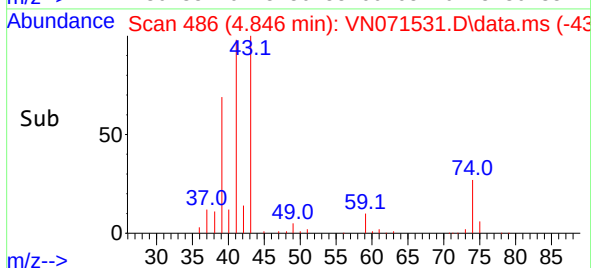
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

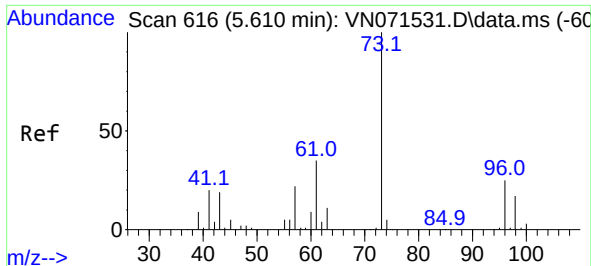


#18
Methyl Acetate
Concen: 43.144 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



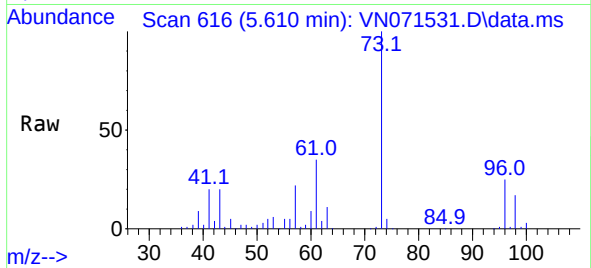
Tgt Ion: 43 Resp: 453758
Ion Ratio Lower Upper
43 100
74 27.0 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 48.150 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

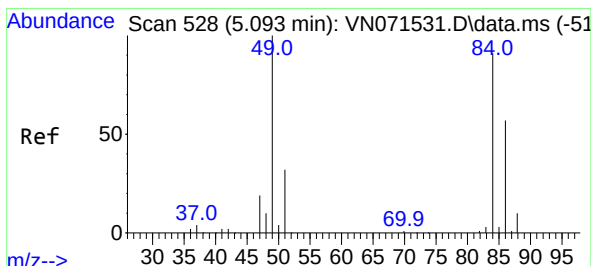
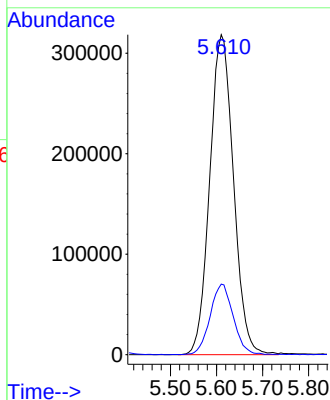
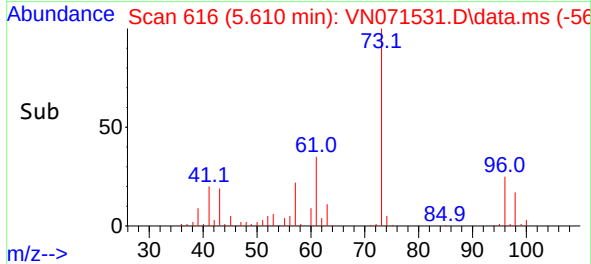
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



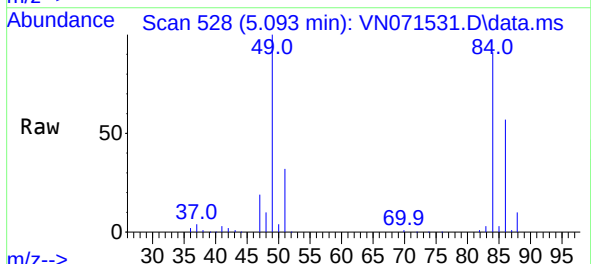
Tgt Ion: 73 Resp: 1140660
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

Manual Integrations
APPROVED

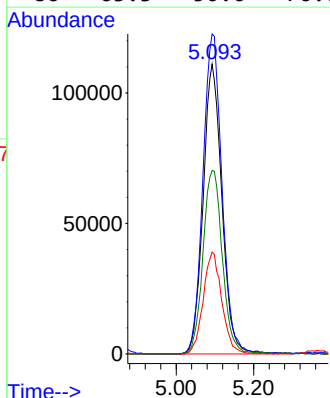
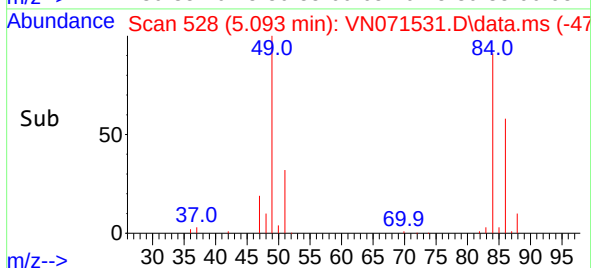
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

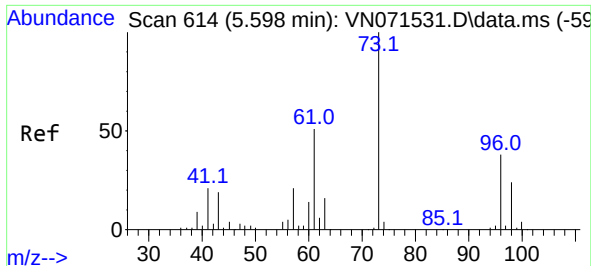


#20
Methylene Chloride
Concen: 47.004 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



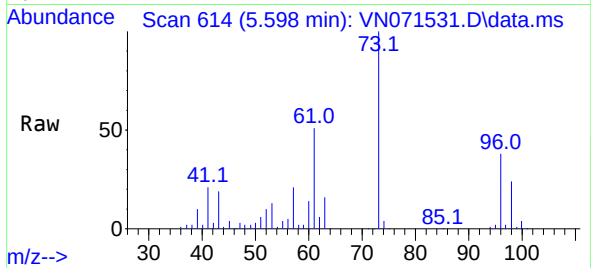
Tgt Ion: 84 Resp: 373083
Ion Ratio Lower Upper
84 100
49 110.4 88.3 132.5
51 35.2 28.2 42.2
86 63.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.154 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

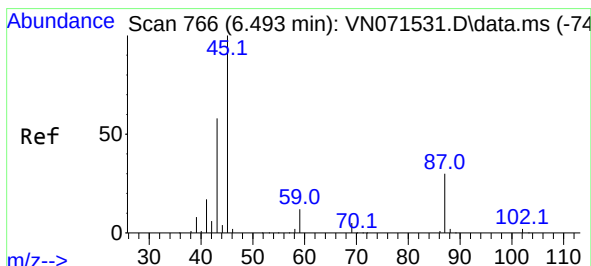
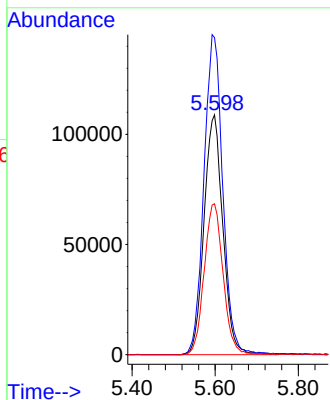
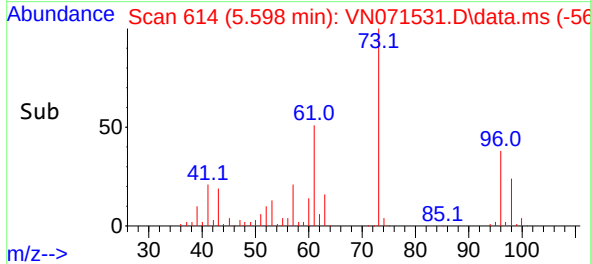
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



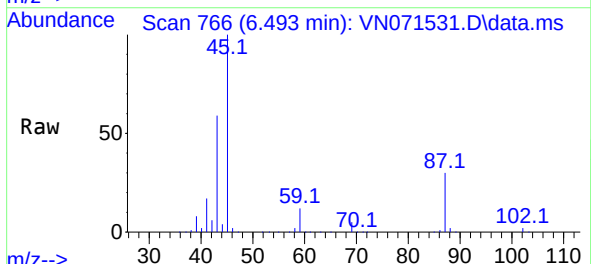
Tgt Ion: 96 Resp: 342733
Ion Ratio Lower Upper
96 100
61 132.3 105.8 158.8
98 62.9 50.3 75.5

Manual Integrations
APPROVED

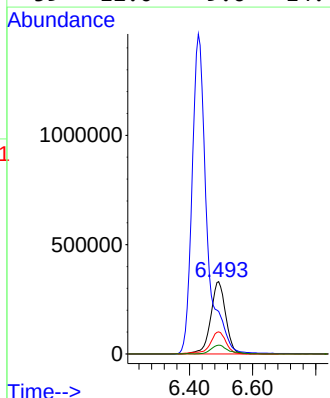
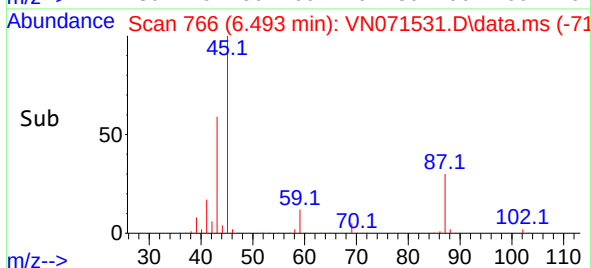
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

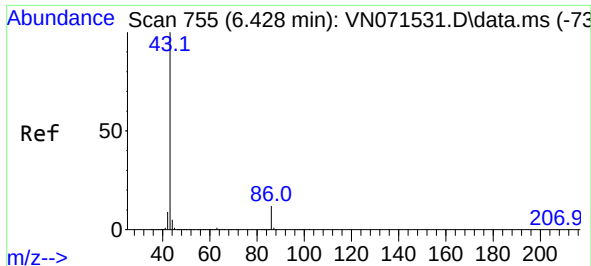


#22
Diisopropyl ether
Concen: 44.714 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



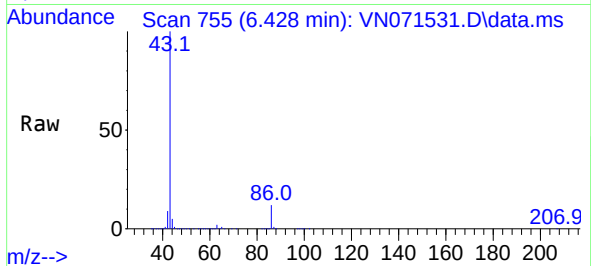
Tgt Ion: 45 Resp: 1089998
Ion Ratio Lower Upper
45 100
43 58.3 46.6 70.0
87 30.4 24.3 36.5
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 229.247 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071531.D
 Acq: 24 Mar 2022 20:22

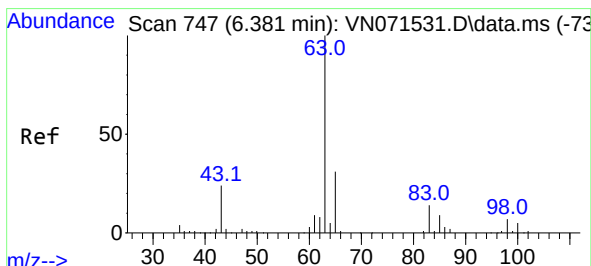
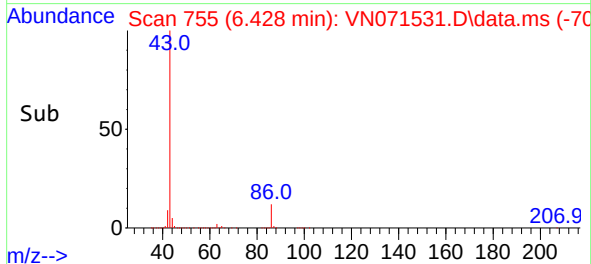
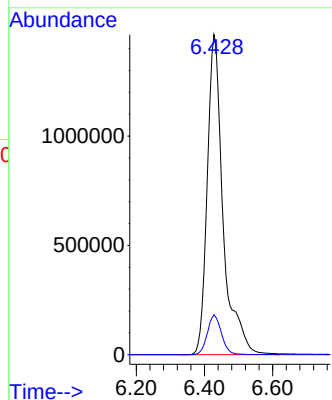
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 473892
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

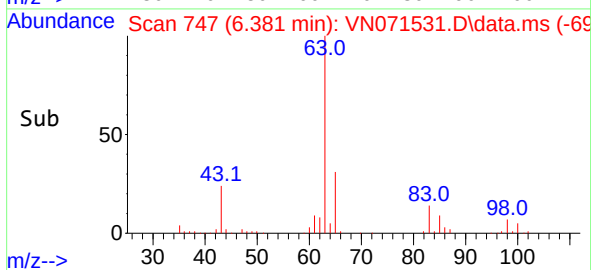
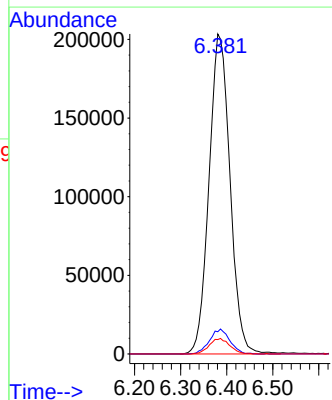
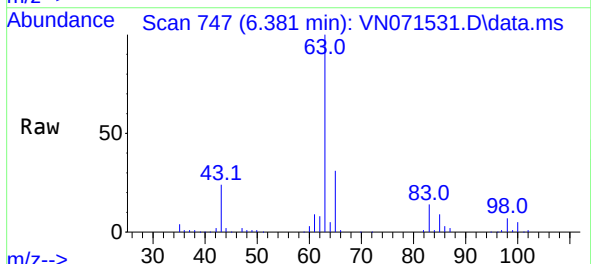
Manual Integrations
 APPROVED

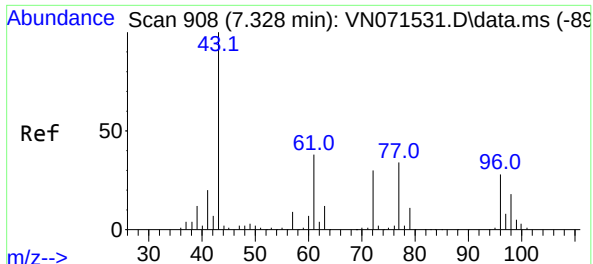
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 46.541 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN071531.D
 Acq: 24 Mar 2022 20:22

Tgt Ion: 63 Resp: 644213
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 239.397 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN071531.D

Acq: 24 Mar 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 137894

Ion Ratio Lower Upper

43 100

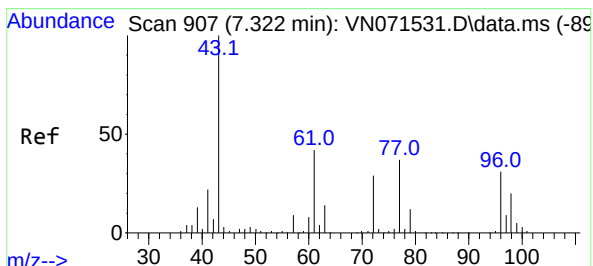
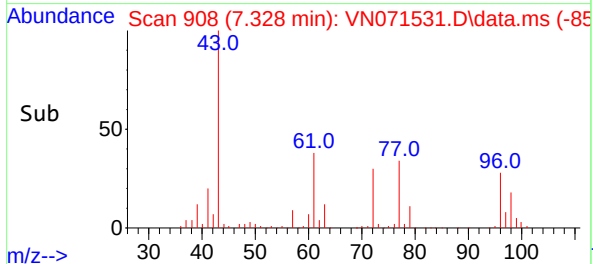
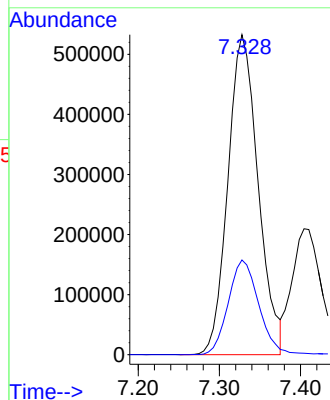
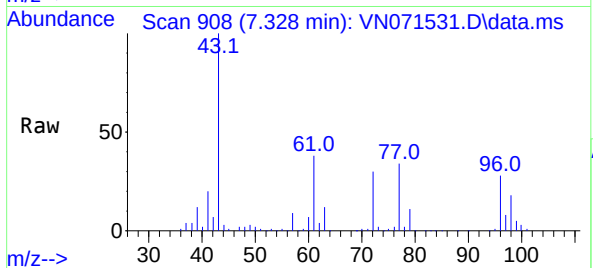
72 29.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

2,2-Dichloropropane

Concen: 47.385 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN071531.D

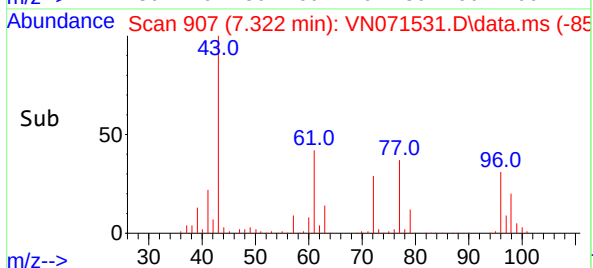
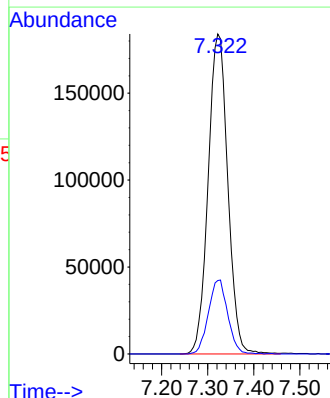
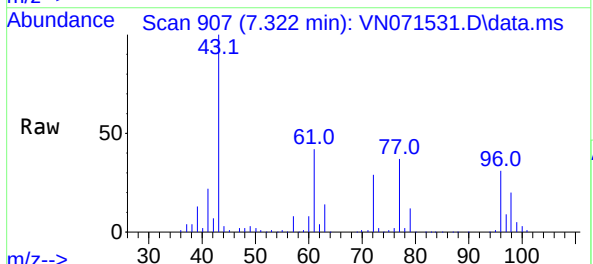
Acq: 24 Mar 2022 20:22

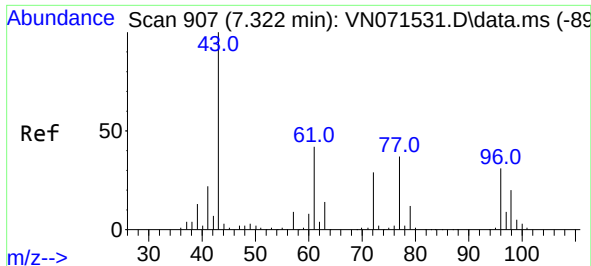
Tgt Ion: 77 Resp: 544962

Ion Ratio Lower Upper

77 100

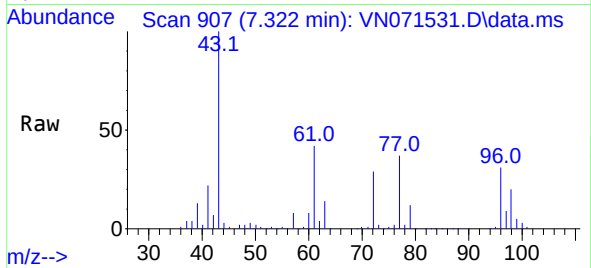
97 22.8 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 48.828 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

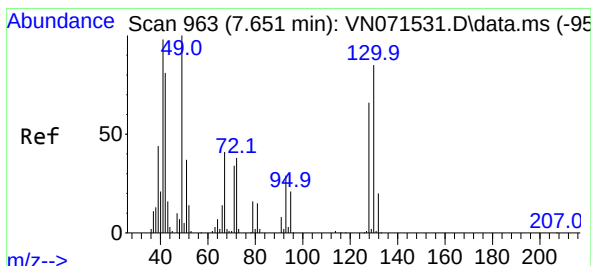
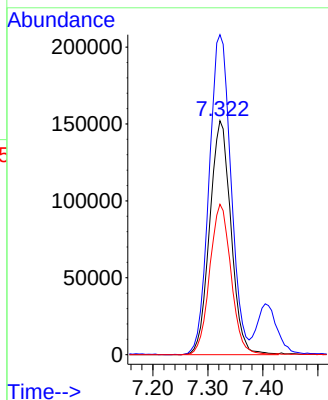
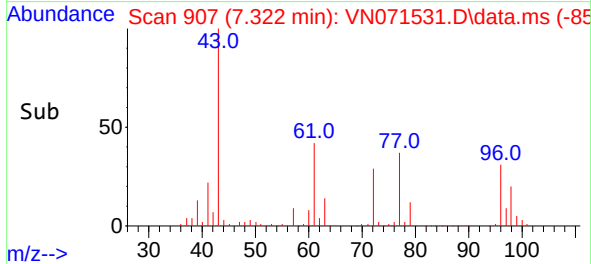
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



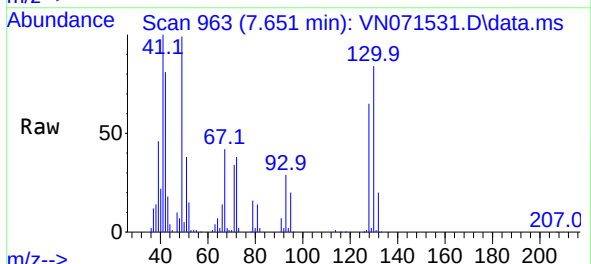
Tgt Ion: 96 Resp: 40976
Ion Ratio Lower Upper
96 100
61 140.3 0.0 280.6
98 64.2 0.0 128.4

Manual Integrations
APPROVED

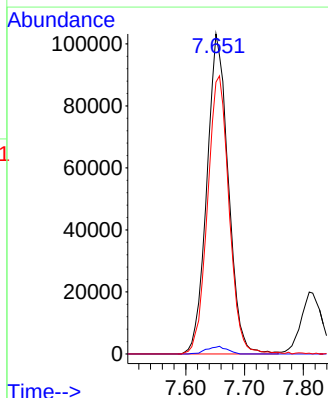
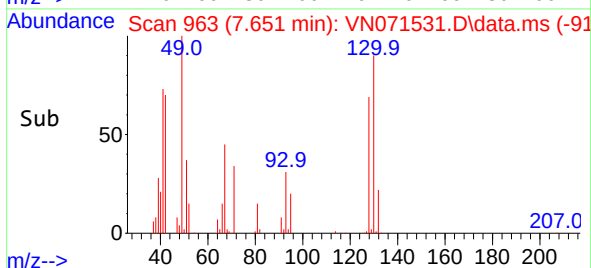
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

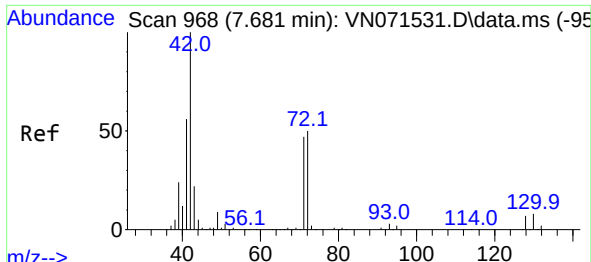


#28
Bromochloromethane
Concen: 47.037 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



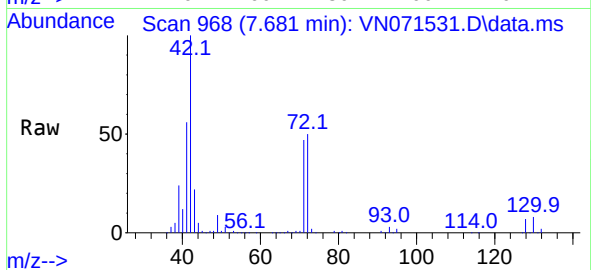
Tgt Ion: 49 Resp: 262232
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 87.1 69.7 104.5





#29
Tetrahydrofuran
Concen: 242.779 ug/l
RT: 7.681 min Scan# 912309
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

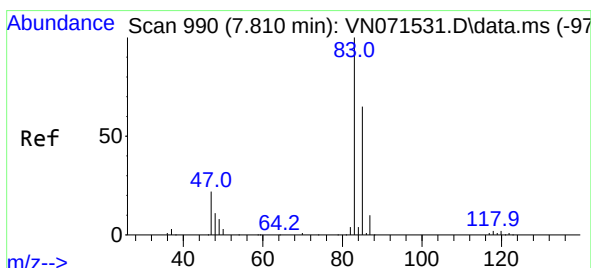
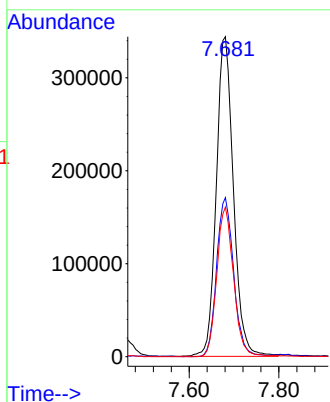
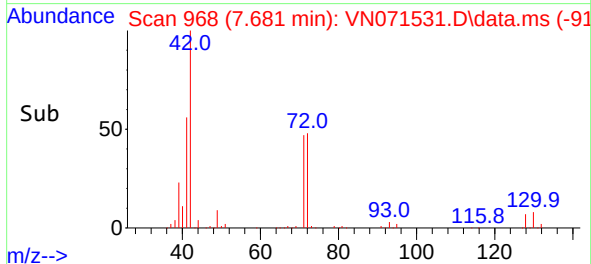
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 912309
Ion Ratio Lower Upper
42 100
72 49.6 39.7 59.5
71 45.8 36.6 55.0

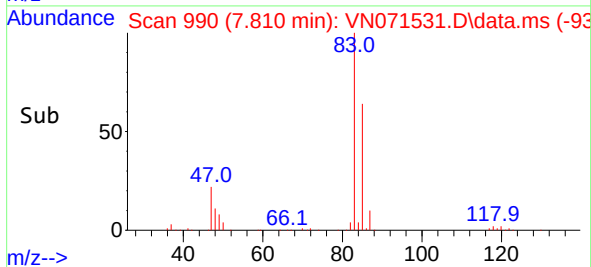
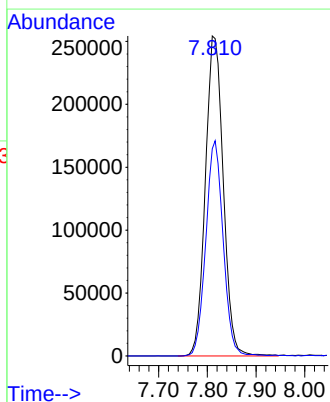
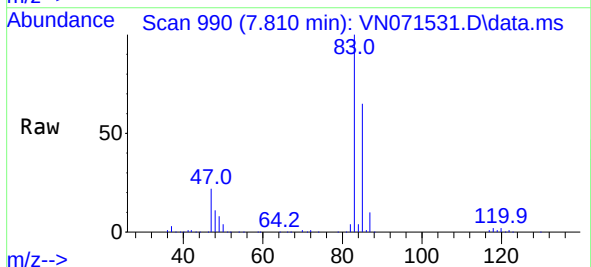
Manual Integrations
APPROVED

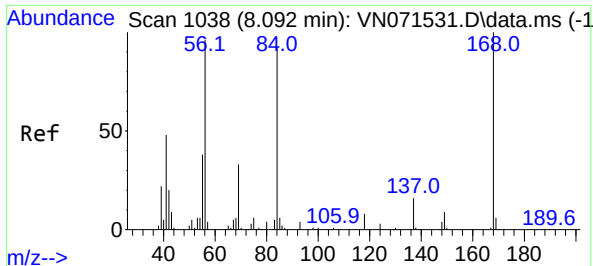
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#30
Chloroform
Concen: 47.328 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

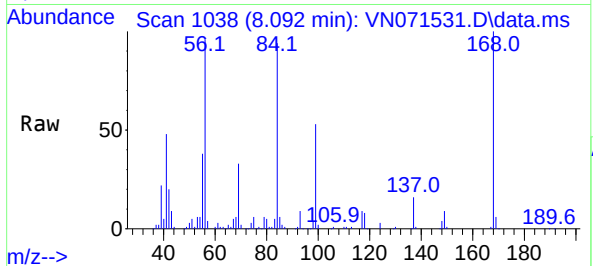
Tgt Ion: 83 Resp: 646857
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8





#31
Cyclohexane
Concen: 42.630 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

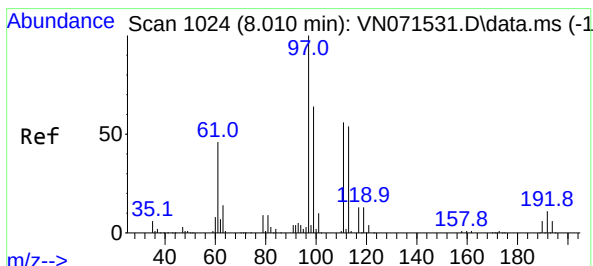
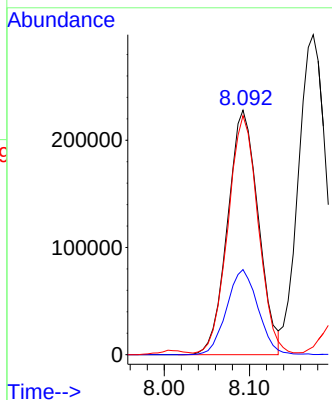
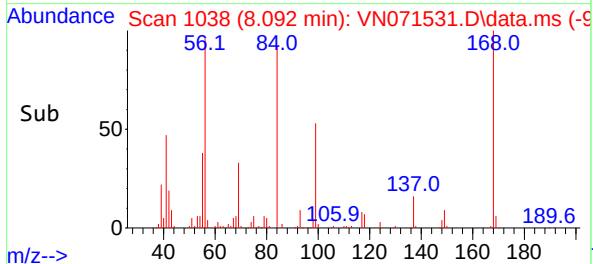
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



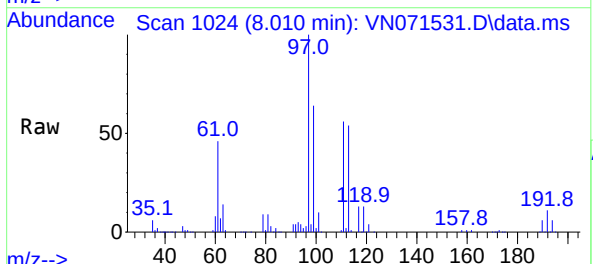
Tgt Ion: 56 Resp: 572320
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.8
84 96.1 76.9 115.3

Manual Integrations
APPROVED

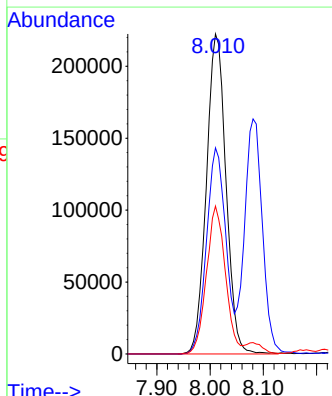
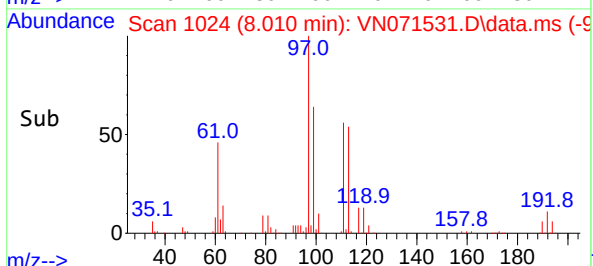
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

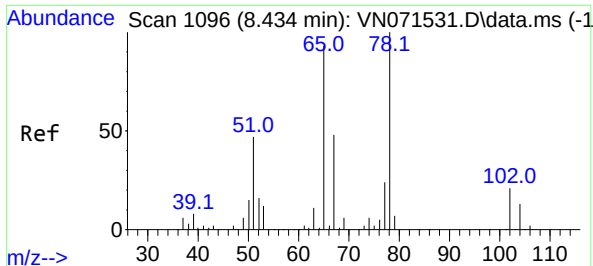


#32
1,1,1-Trichloroethane
Concen: 48.315 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



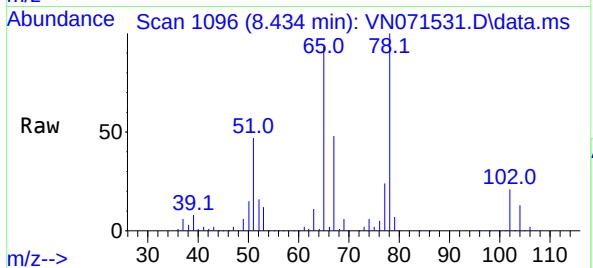
Tgt Ion: 97 Resp: 569328
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 45.0 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 51.527 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

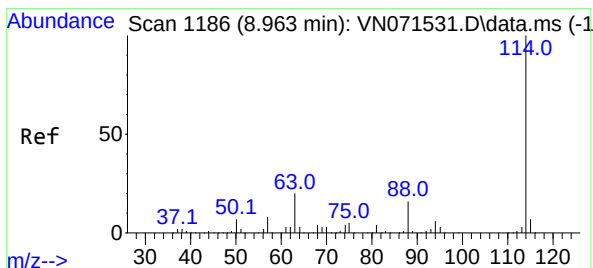
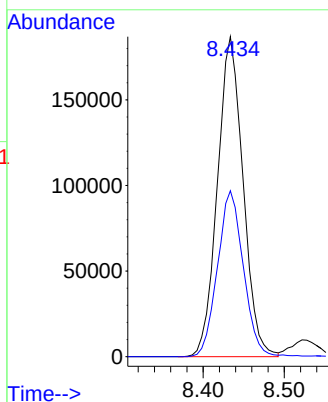
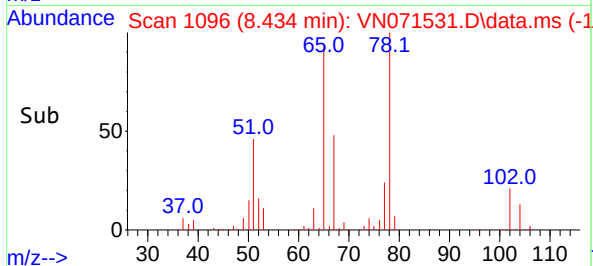
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



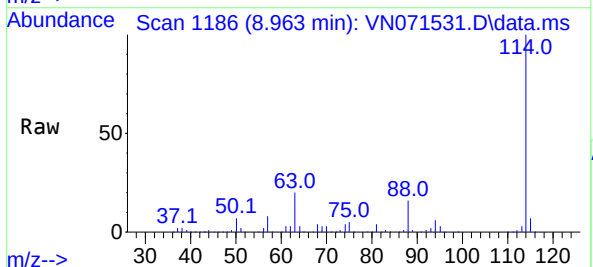
Tgt Ion: 65 Resp: 410309
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

Manual Integrations
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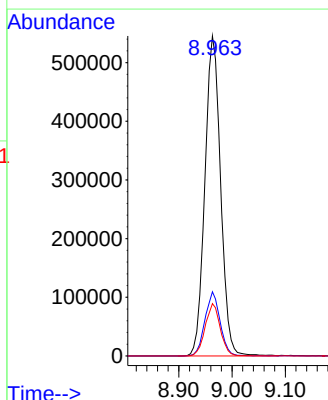
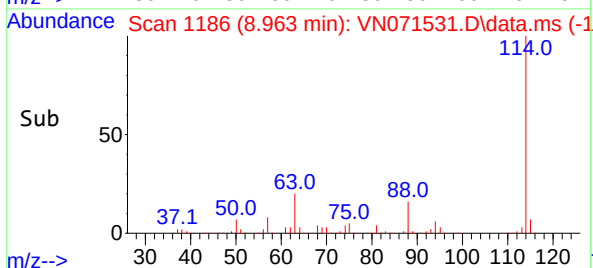
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

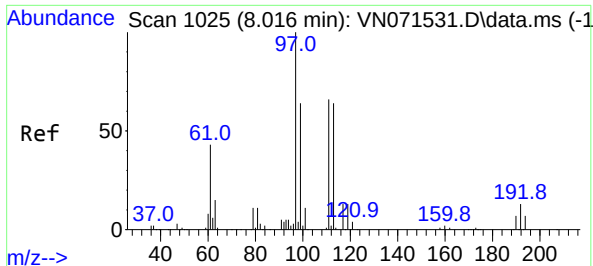


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



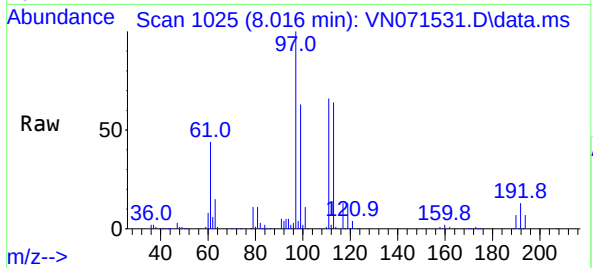
Tgt Ion:114 Resp: 1117281
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.775 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

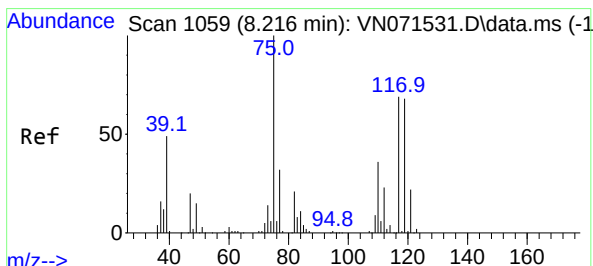
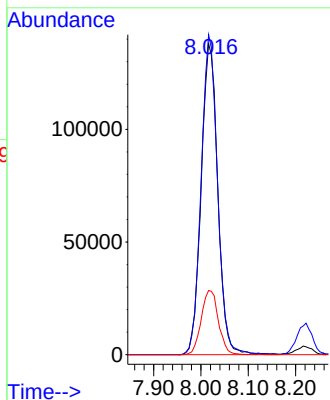
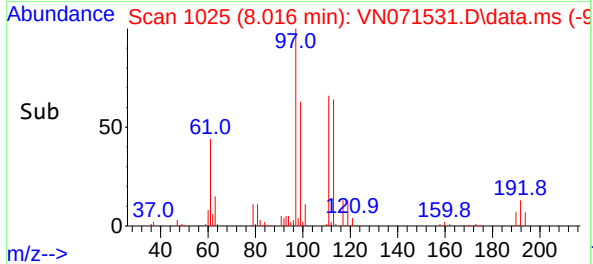
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



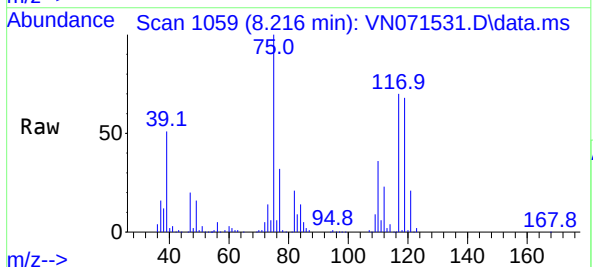
Tgt Ion: 113 Resp: 33560
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 21.3 17.0 25.6

Manual Integrations
APPROVED

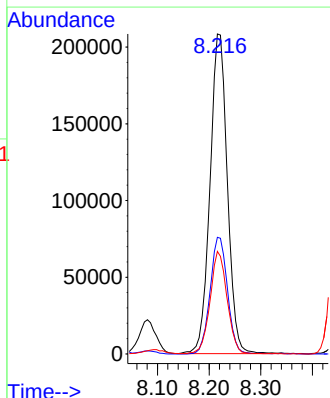
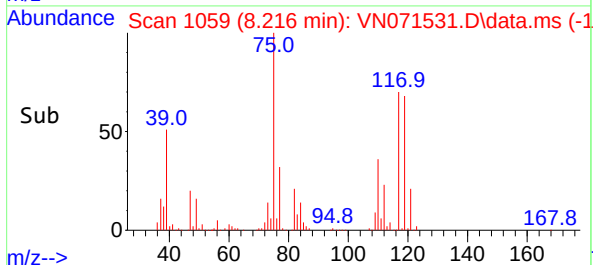
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

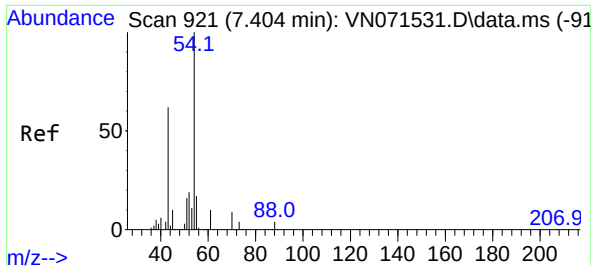


#36
1,1-Dichloropropene
Concen: 45.281 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



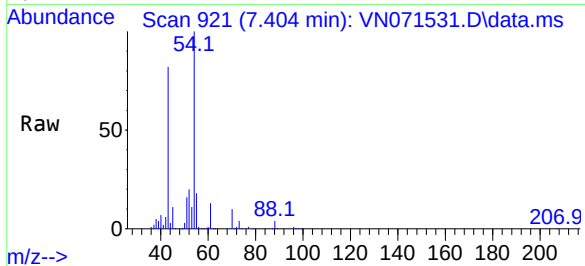
Tgt Ion: 75 Resp: 486363
Ion Ratio Lower Upper
75 100
110 36.5 18.3 54.8
77 31.4 25.1 37.7





#37
Ethyl Acetate
Concen: 47.859 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

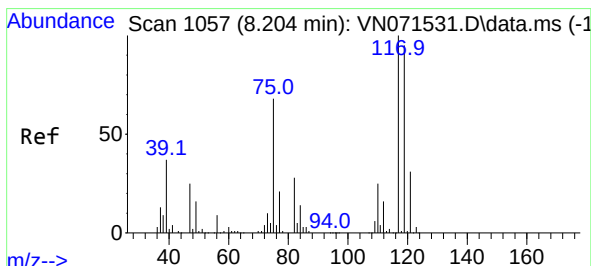
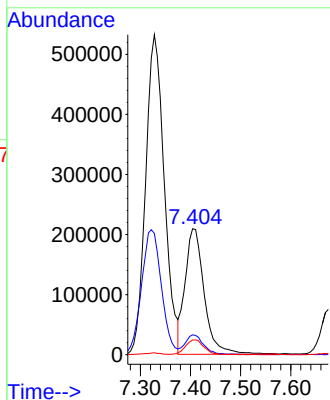
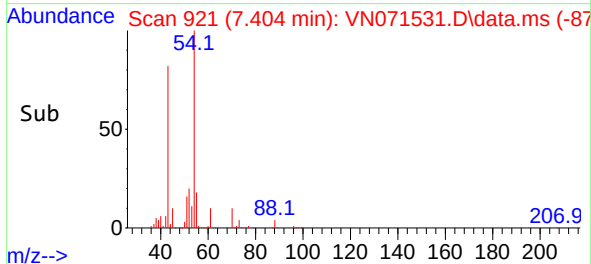
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 554630
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 11.6 9.3 13.9

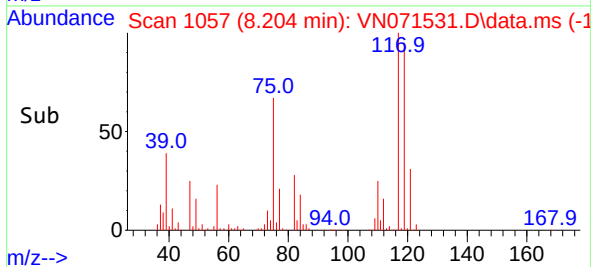
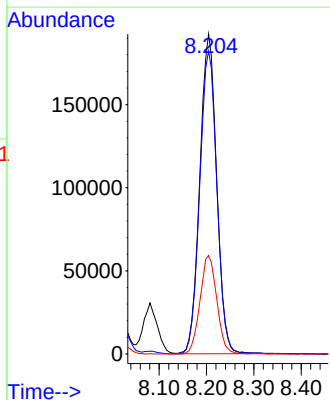
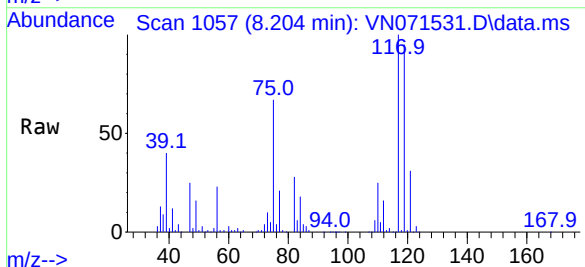
Manual Integrations
APPROVED

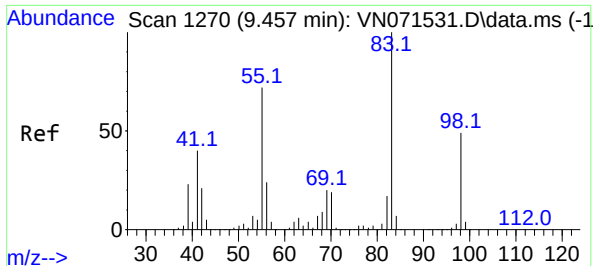
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 44.984 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

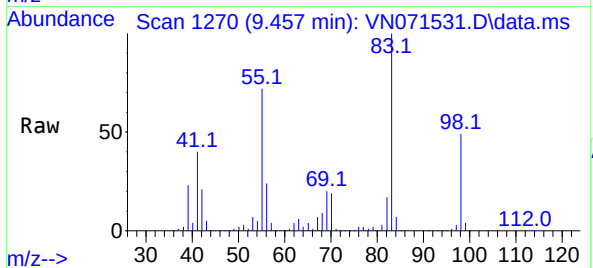
Tgt Ion:117 Resp: 475487
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 30.8 24.6 37.0





#39
Methylcyclohexane
Concen: 45.361 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

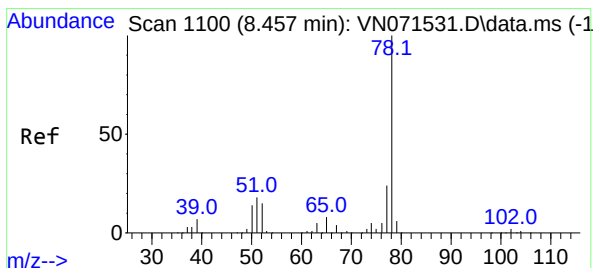
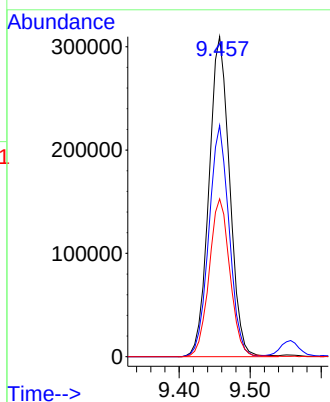
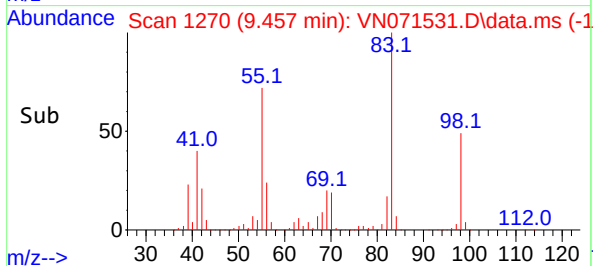
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



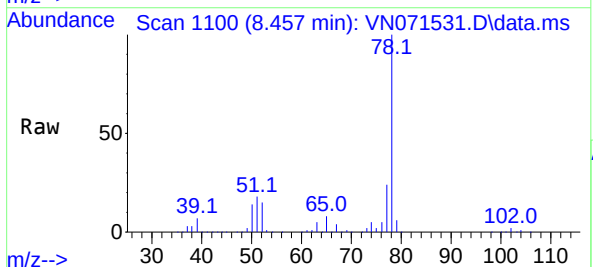
Tgt Ion: 83 Resp: 62512
Ion Ratio Lower Upper
83 100
55 72.3 57.8 86.8
98 49.3 39.4 59.2

Manual Integrations
APPROVED

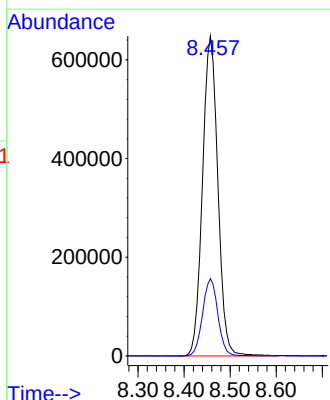
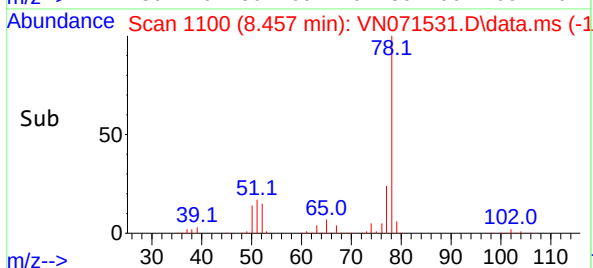
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

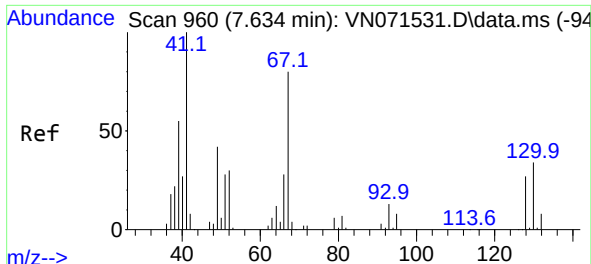


#40
Benzene
Concen: 47.086 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



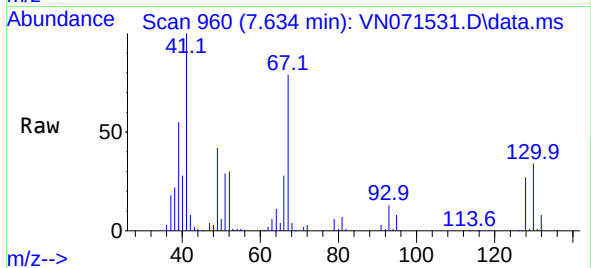
Tgt Ion: 78 Resp: 1506533
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 43.010 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

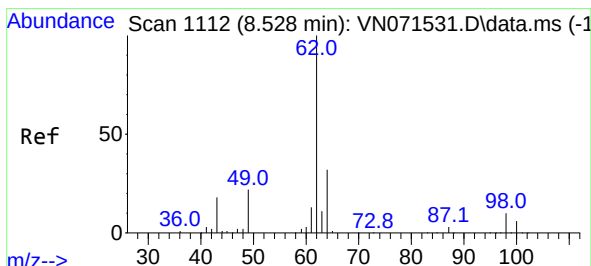
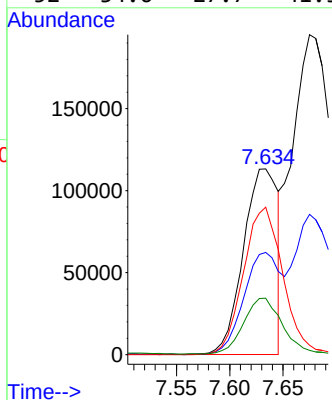
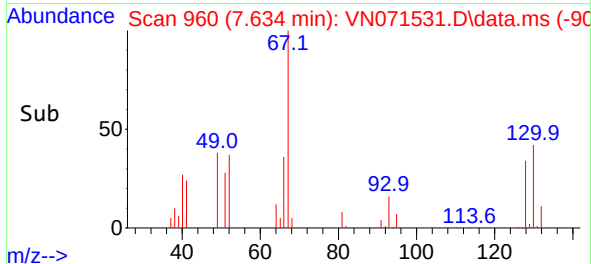
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



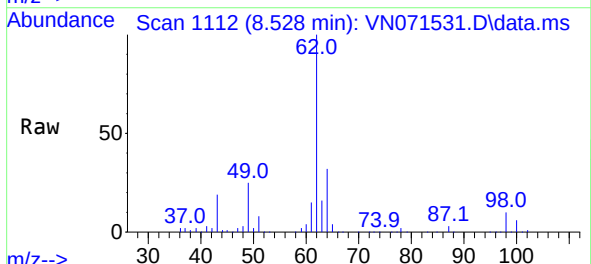
Tgt Ion: 41 Resp: 254224
Ion Ratio Lower Upper
41 100
39 60.8 48.6 73.0
67 91.8 73.4 110.2
52 34.6 27.7 41.5

Manual Integrations
APPROVED

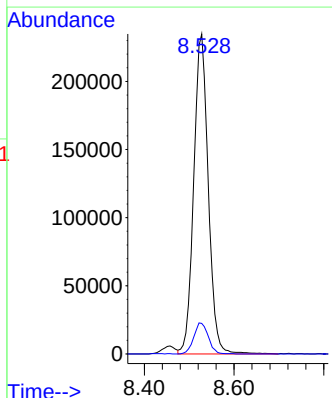
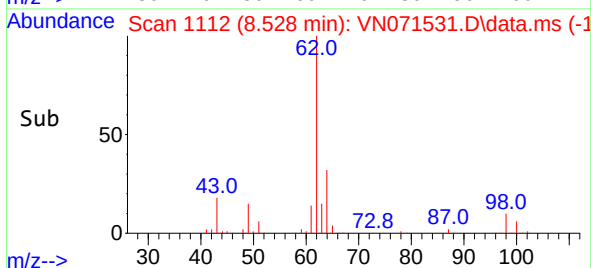
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

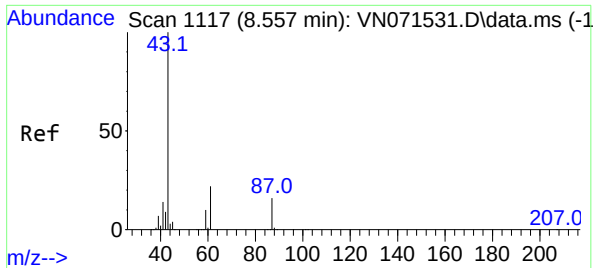


#42
1,2-Dichloroethane
Concen: 48.081 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



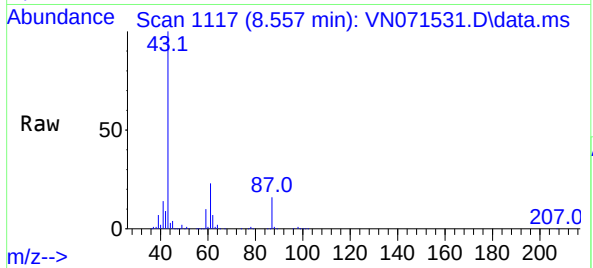
Tgt Ion: 62 Resp: 527067
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 46.380 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

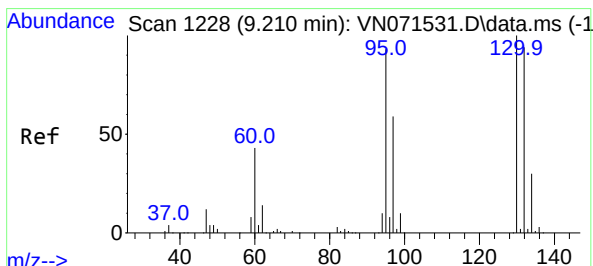
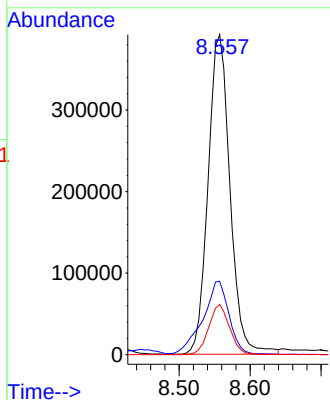
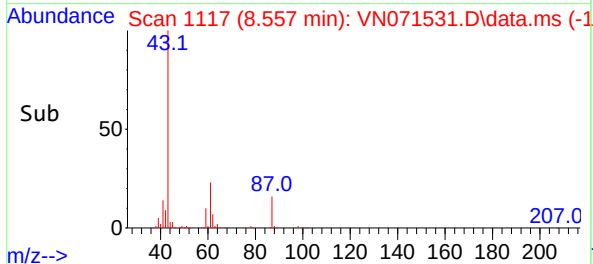
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 840420
Ion Ratio Lower Upper
43 100
61 27.4 21.9 32.9
87 15.0 12.0 18.0

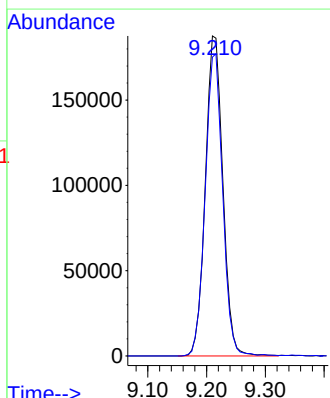
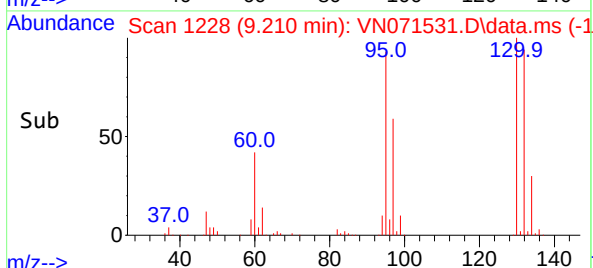
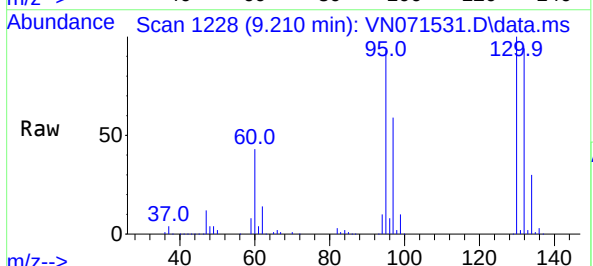
Manual Integrations
APPROVED

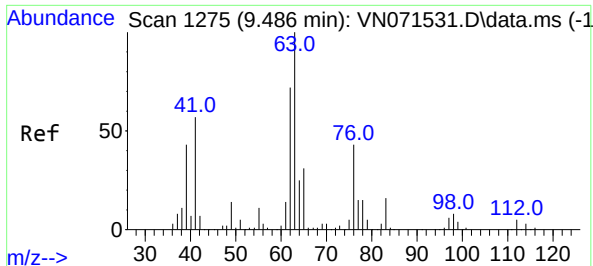
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#44
Trichloroethene
Concen: 46.190 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Tgt Ion:130 Resp: 388702
Ion Ratio Lower Upper
130 100
95 93.4 0.0 186.8





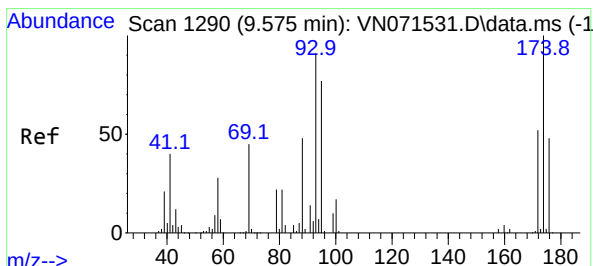
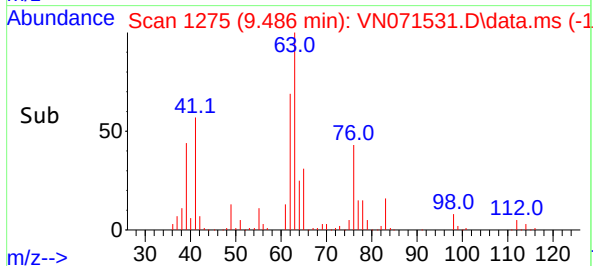
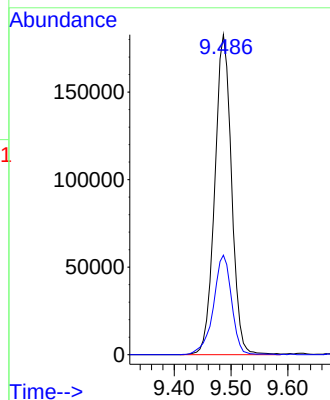
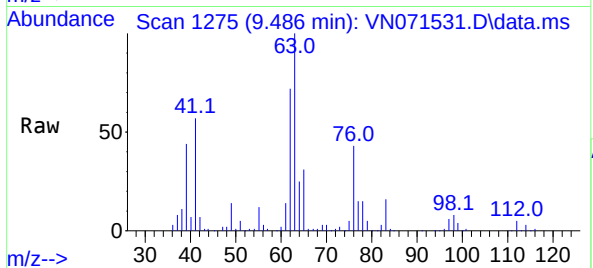
#45
1,2-Dichloropropane
Concen: 46.022 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 37484
Ion Ratio Lower Upper
63 100
65 31.1 24.9 37.3

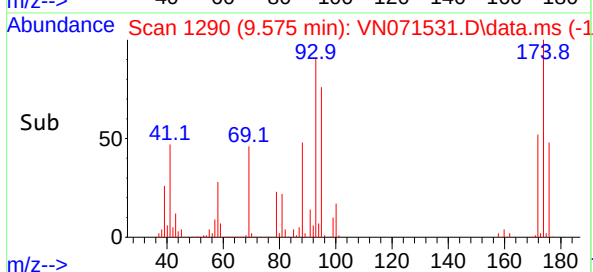
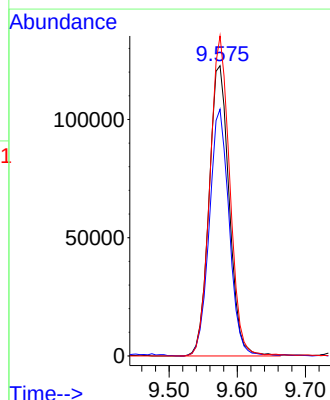
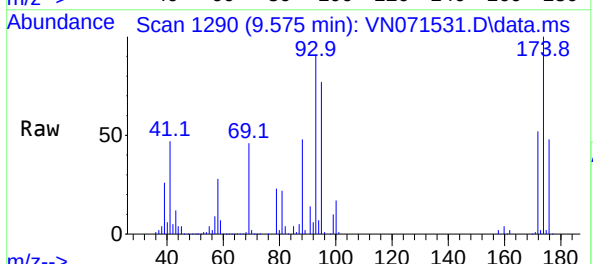
Manual Integrations
APPROVED

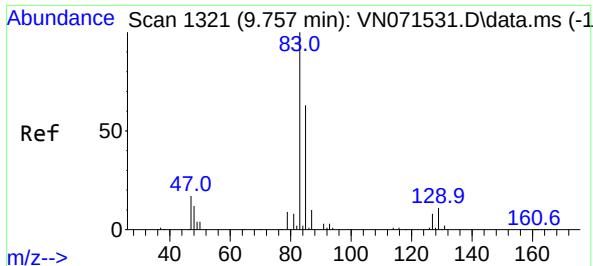
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#46
Dibromomethane
Concen: 46.958 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

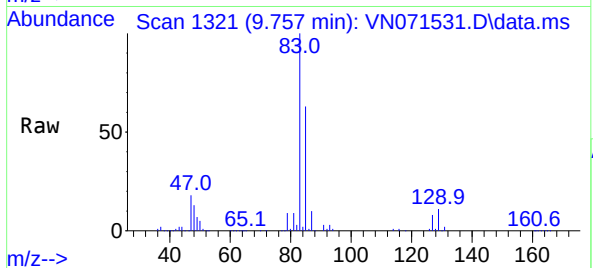
Tgt Ion: 93 Resp: 253193
Ion Ratio Lower Upper
93 100
95 83.6 66.9 100.3
174 108.3 86.6 130.0





#47
Bromodichloromethane
Concen: 46.785 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

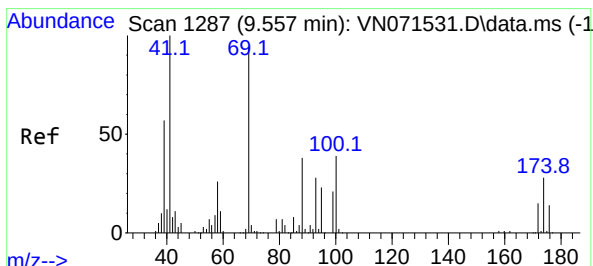
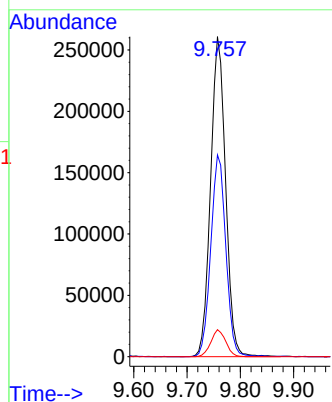
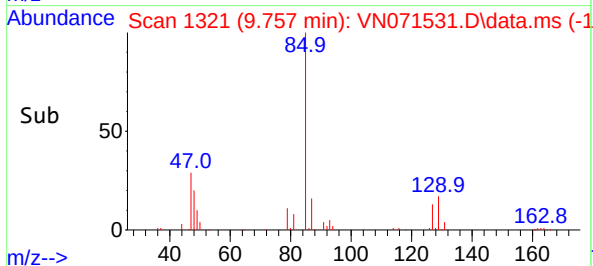
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



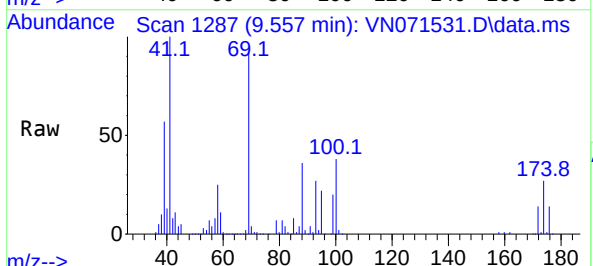
Tgt Ion: 83 Resp: 509638
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations
APPROVED

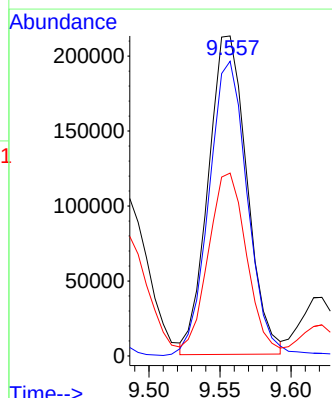
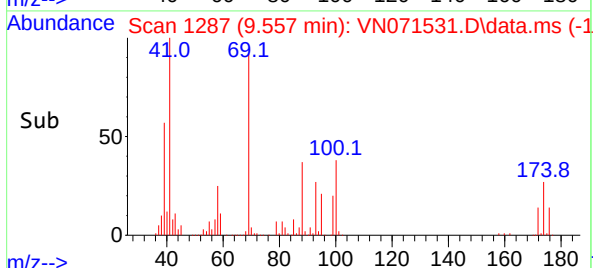
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

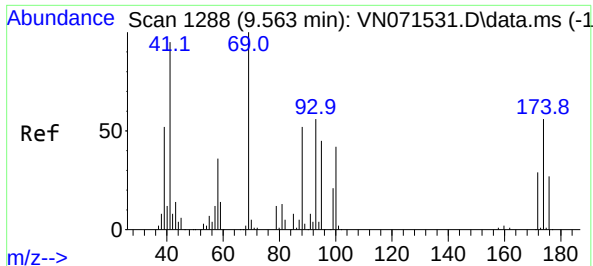


#48
Methyl methacrylate
Concen: 47.060 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



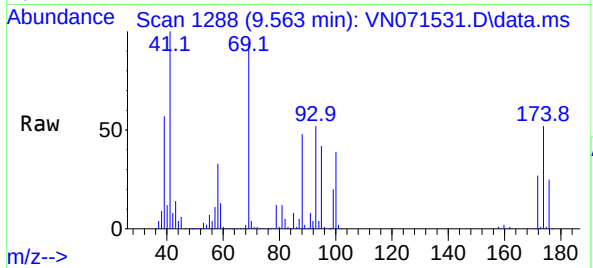
Tgt Ion: 41 Resp: 403337
Ion Ratio Lower Upper
41 100
69 93.4 74.7 112.1
39 57.0 45.6 68.4





#49
1,4-Dioxane
Concen: 1148.781 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

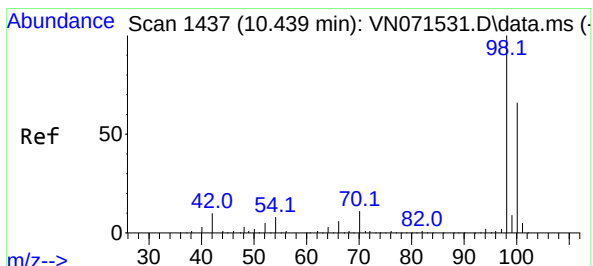
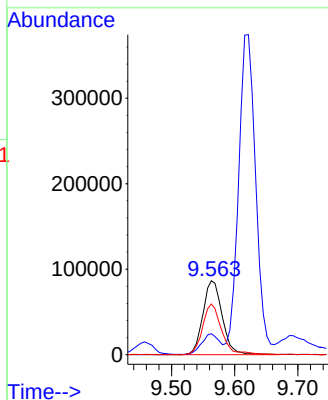
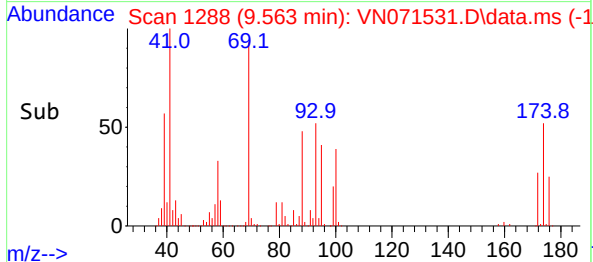
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



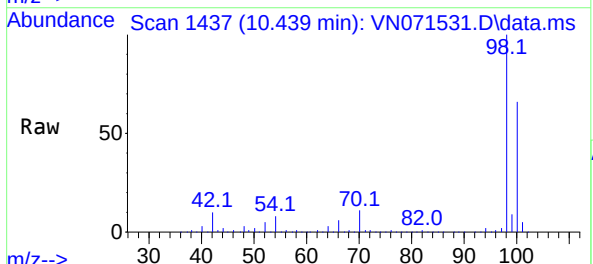
Tgt Ion: 88 Resp: 183689
Ion Ratio Lower Upper
88 100
43 25.3 20.2 30.4
58 67.8 54.2 81.4

Manual Integrations
APPROVED

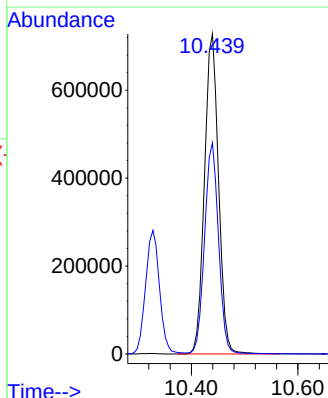
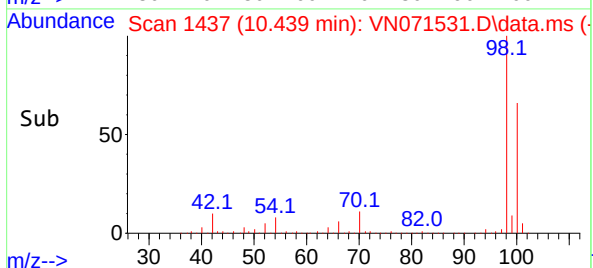
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

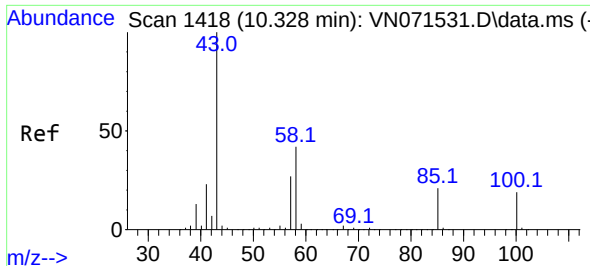


#50
Toluene-d8
Concen: 50.423 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



Tgt Ion: 98 Resp: 1338513
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





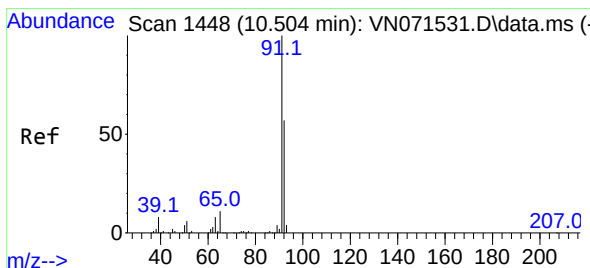
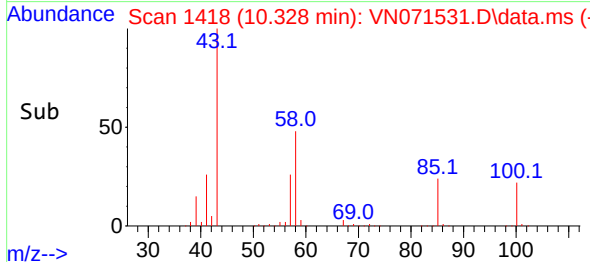
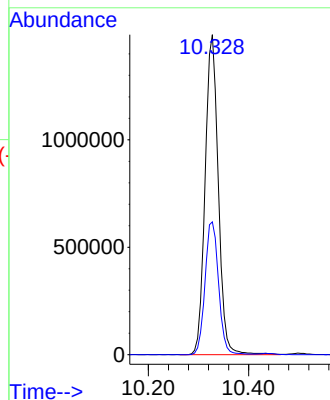
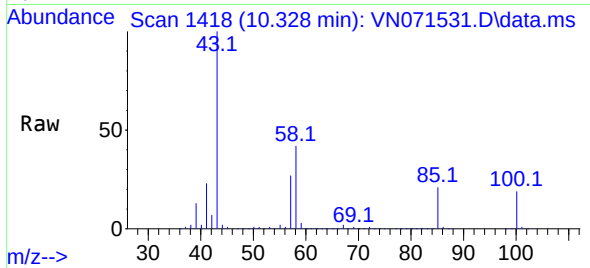
#51
4-Methyl-2-Pentanone
Concen: 244.486 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 272363
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

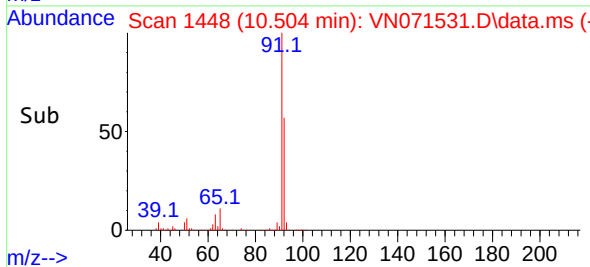
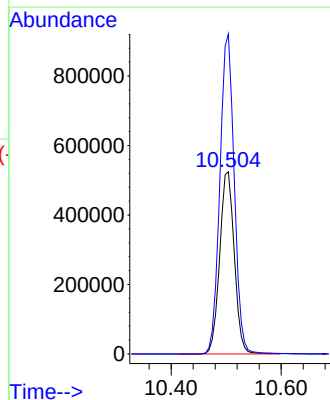
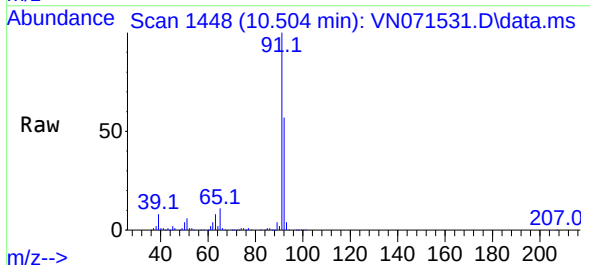
Manual Integrations
APPROVED

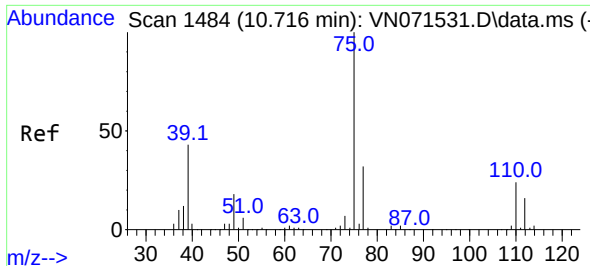
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 48.112 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

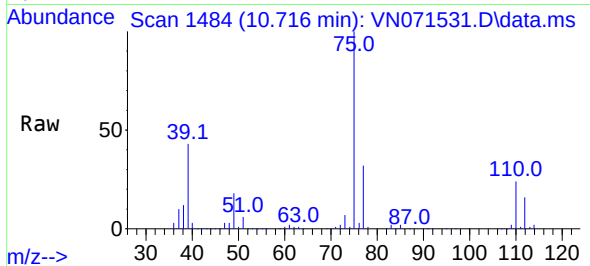
Tgt Ion: 92 Resp: 966469
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 47.661 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

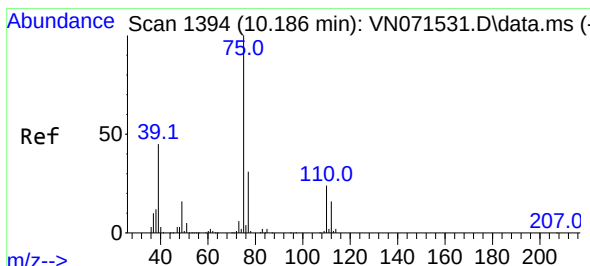
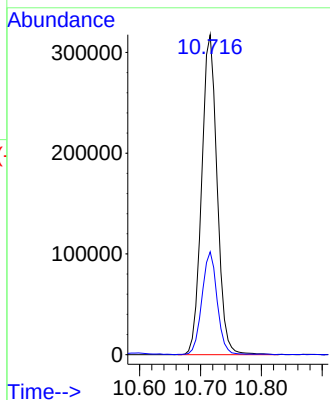
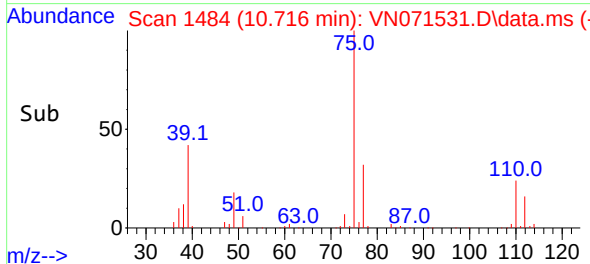
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



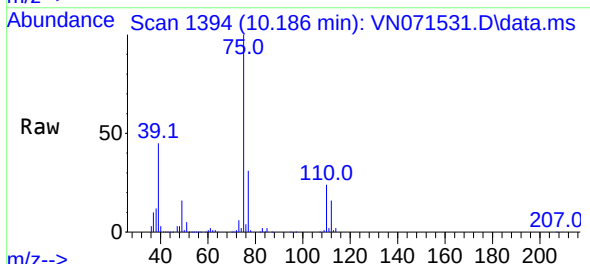
Tgt Ion: 75 Resp: 561848
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

Manual Integrations
APPROVED

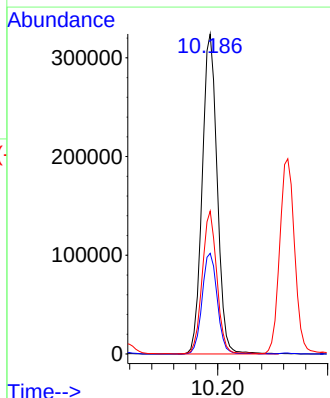
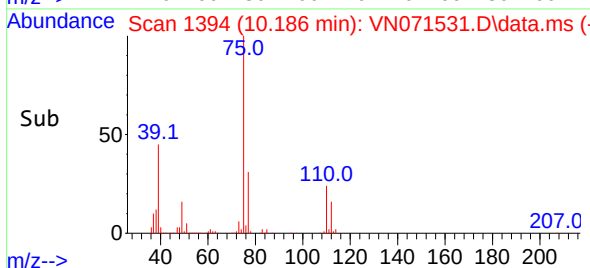
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

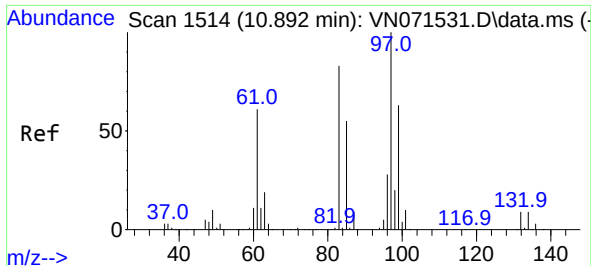


#54
cis-1,3-Dichloropropene
Concen: 47.429 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



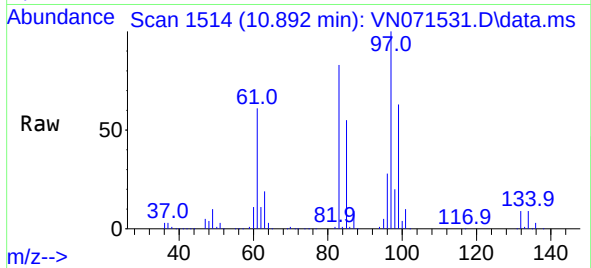
Tgt Ion: 75 Resp: 613380
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 44.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 47.717 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

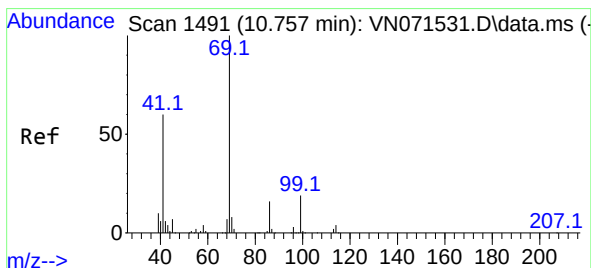
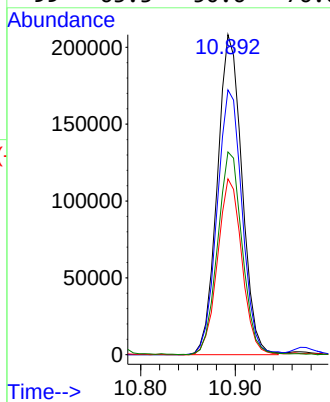
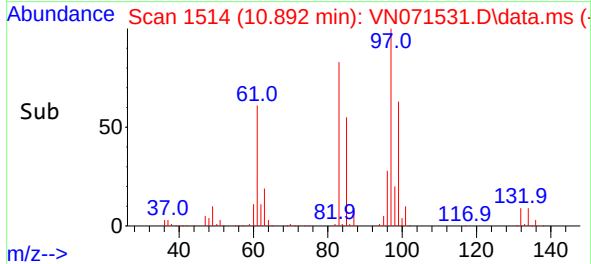
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



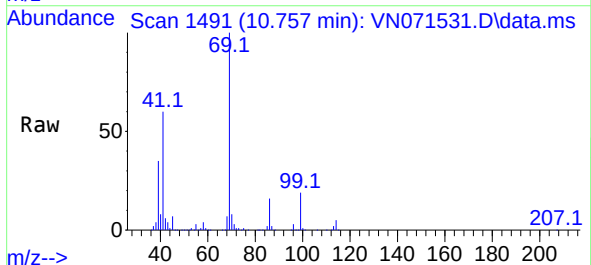
Tgt Ion: 97 Resp: 376550
Ion Ratio Lower Upper
97 100
83 82.8 66.2 99.4
85 54.9 43.9 65.9
99 63.3 50.6 76.0

Manual Integrations
APPROVED

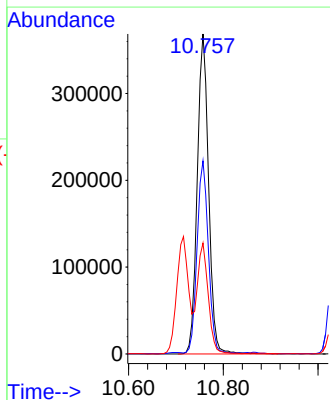
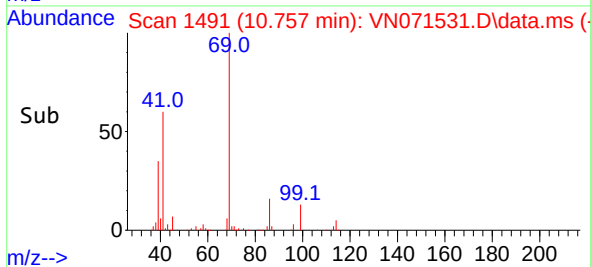
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

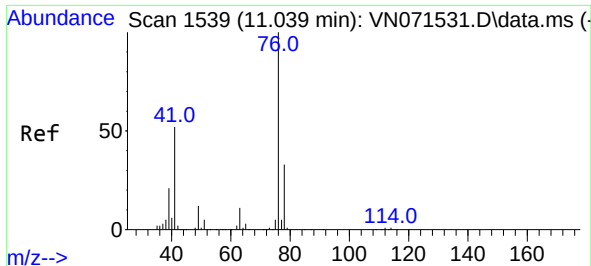


#56
Ethyl methacrylate
Concen: 51.420 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



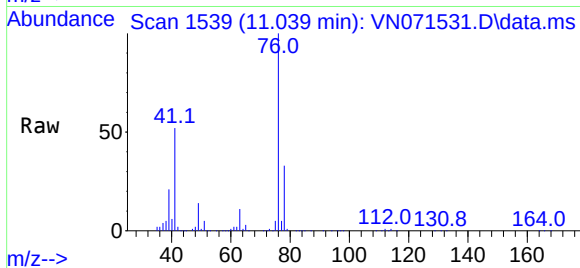
Tgt Ion: 69 Resp: 611569
Ion Ratio Lower Upper
69 100
41 59.7 47.8 71.6
39 34.1 27.3 40.9





#57
1,3-Dichloropropane
Concen: 47.873 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

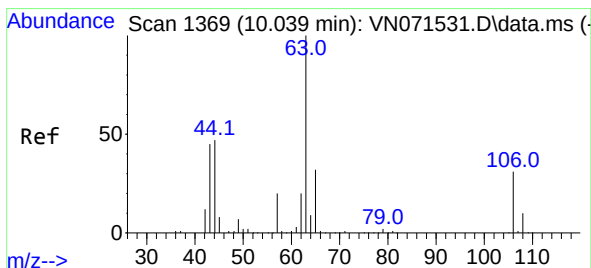
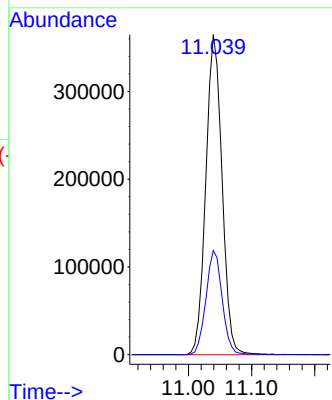
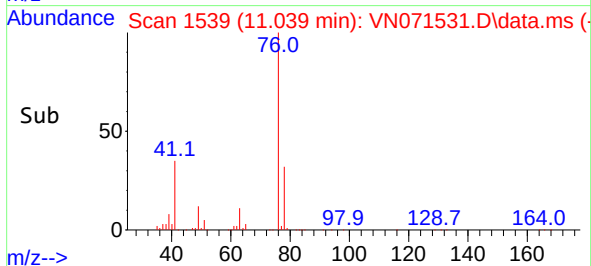
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



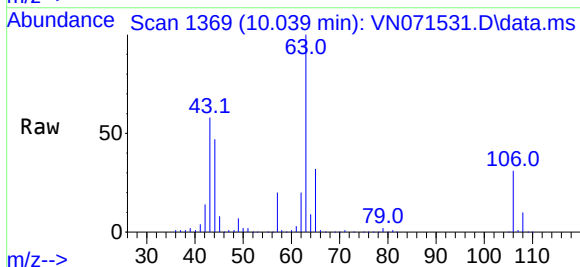
Tgt Ion: 76 Resp: 650879
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

Manual Integrations
APPROVED

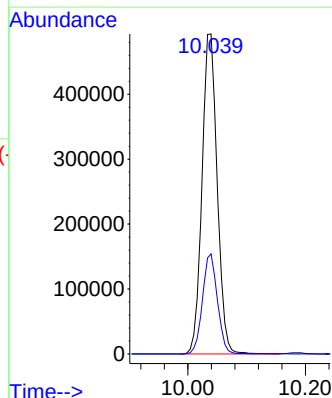
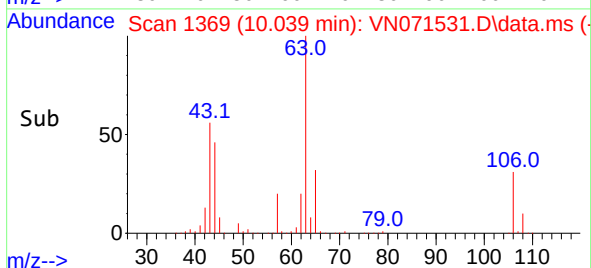
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

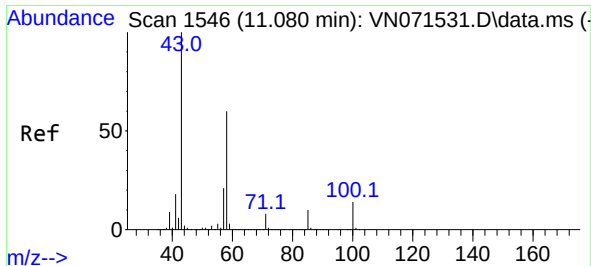


#58
2-Chloroethyl Vinyl ether
Concen: 393.689 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



Tgt Ion: 63 Resp: 882709
Ion Ratio Lower Upper
63 100
106 30.7 24.6 36.8





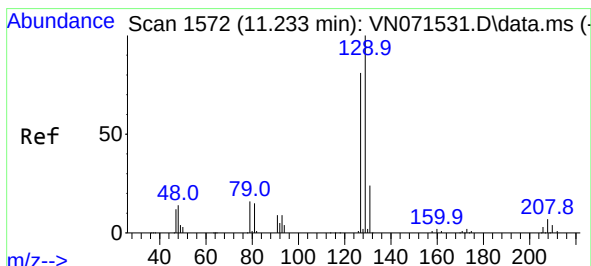
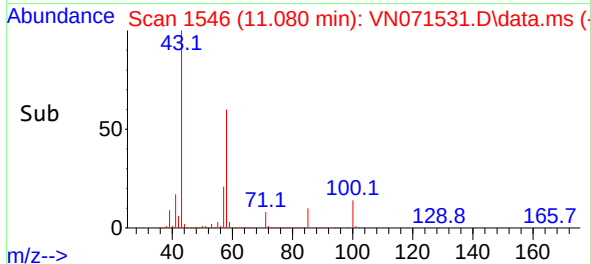
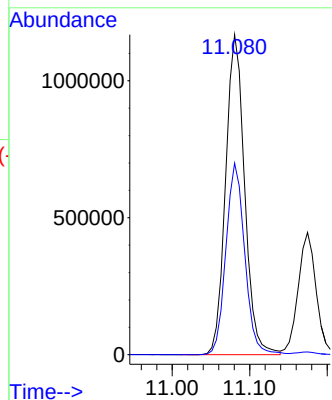
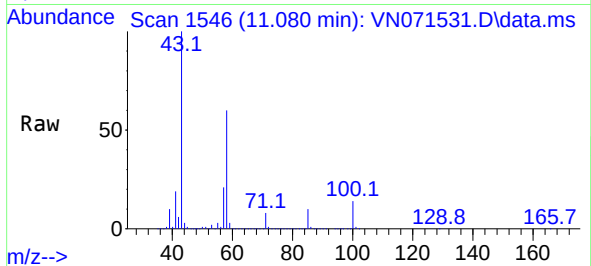
#59
2-Hexanone
Concen: 258.894 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1993638
Ion Ratio Lower Upper
43 100
58 59.4 29.7 89.1

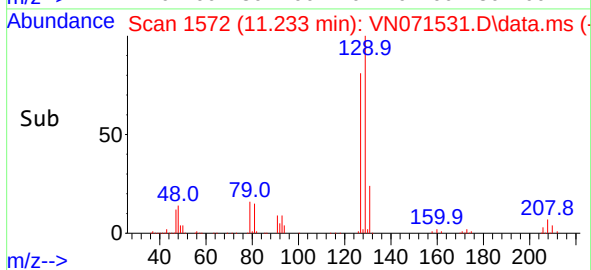
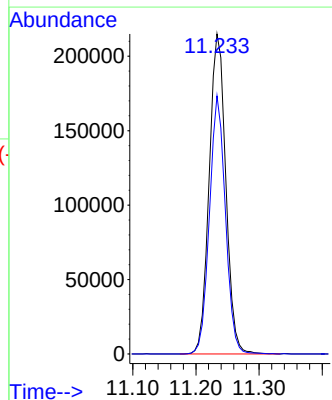
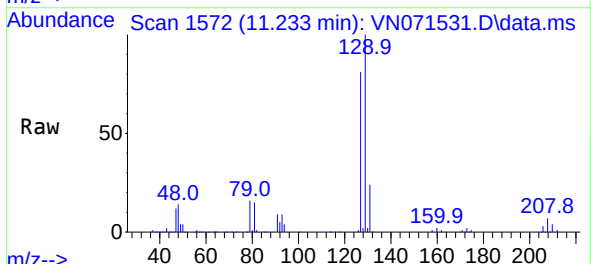
Manual Integrations
APPROVED

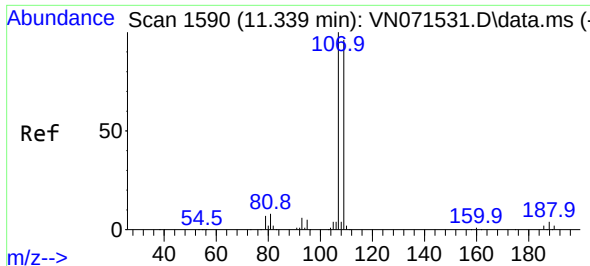
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 47.606 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

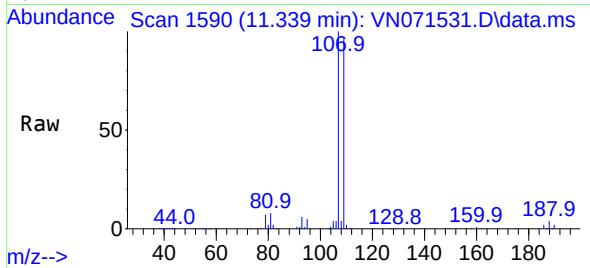
Tgt Ion:129 Resp: 393279
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.156 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

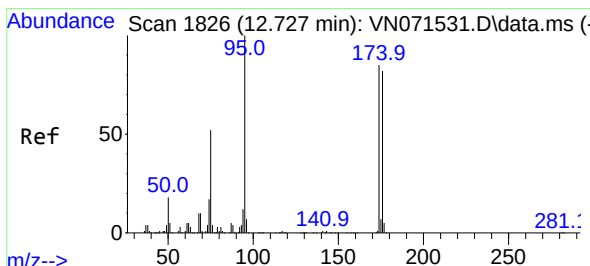
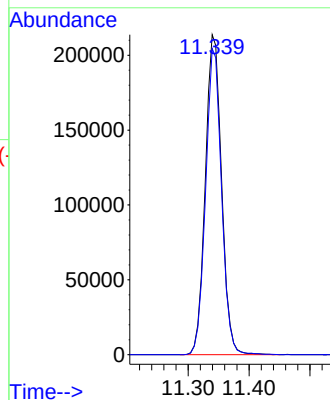
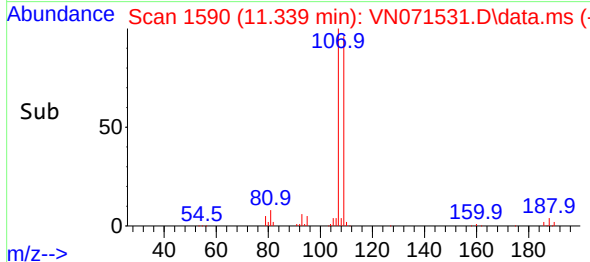
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



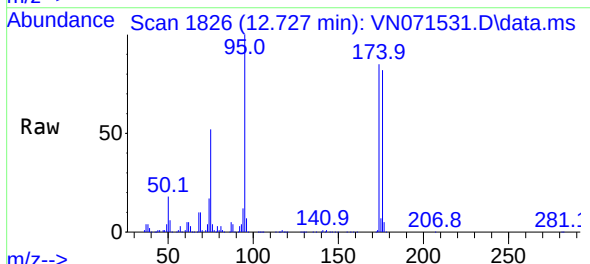
Tgt Ion:107 Resp: 395112
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

Manual Integrations
APPROVED

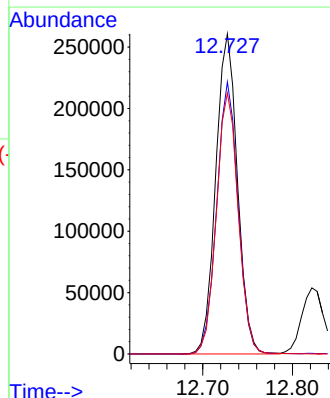
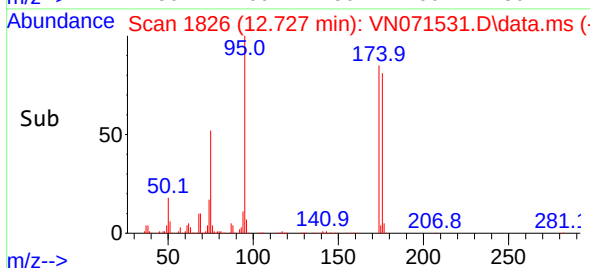
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

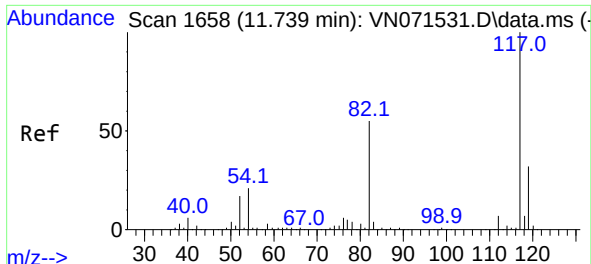


#62
4-Bromofluorobenzene
Concen: 46.926 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



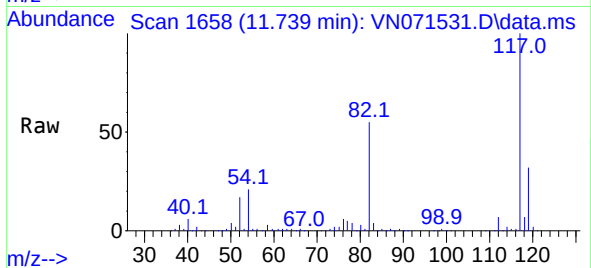
Tgt Ion: 95 Resp: 438357
Ion Ratio Lower Upper
95 100
174 83.8 0.0 167.6
176 81.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

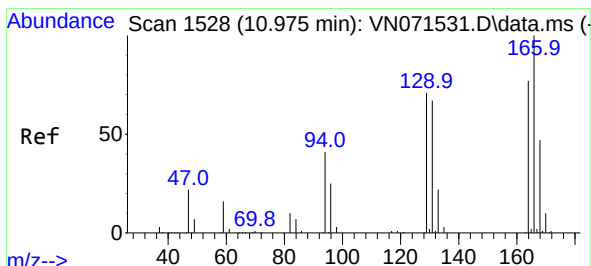
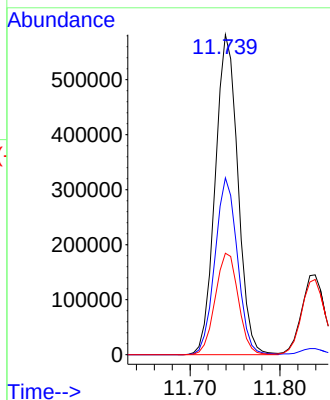
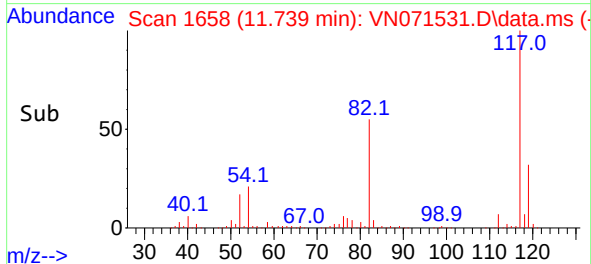
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



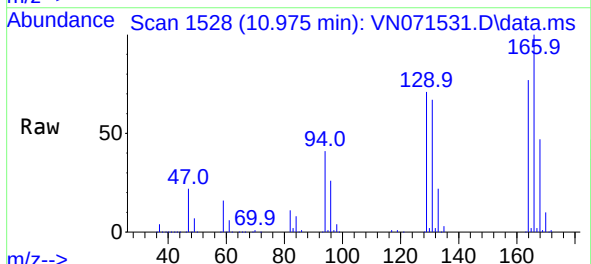
Tgt Ion:117 Resp: 102148
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.7 25.4 38.0

Manual Integrations
APPROVED

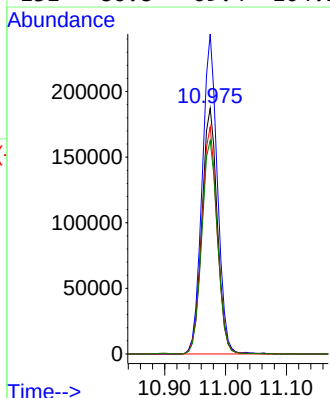
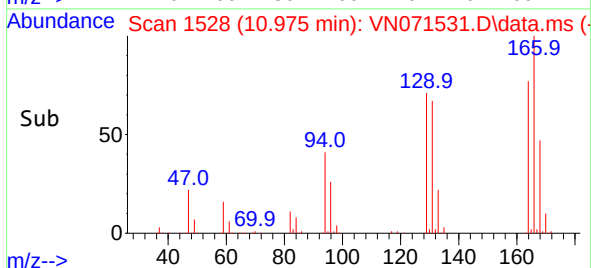
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

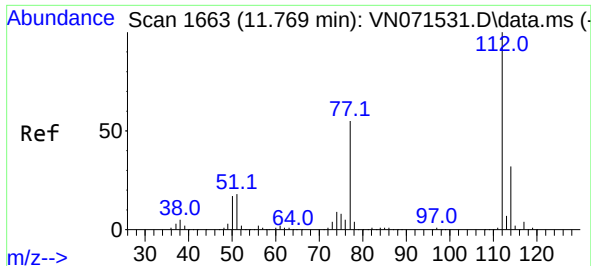


#64
Tetrachloroethene
Concen: 42.380 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



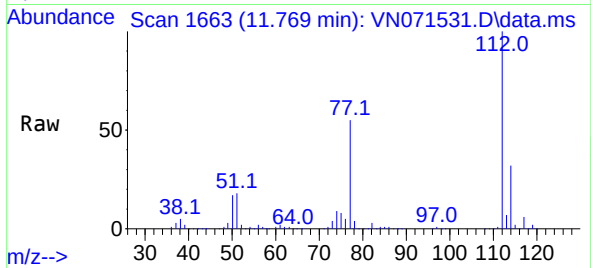
Tgt Ion:164 Resp: 330592
Ion Ratio Lower Upper
164 100
166 130.2 104.2 156.2
129 92.4 73.9 110.9
131 86.8 69.4 104.2





#65
Chlorobenzene
Concen: 46.884 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

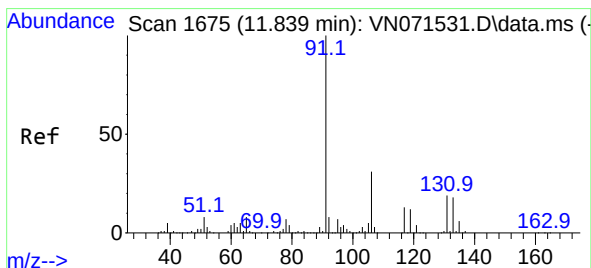
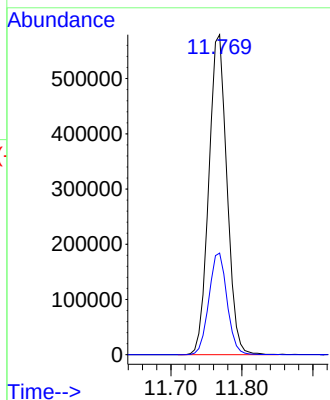
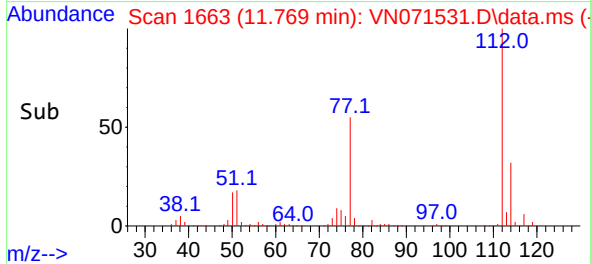
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 1025714
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

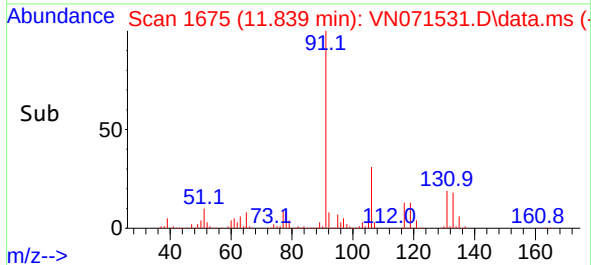
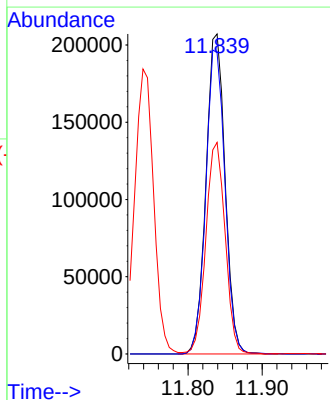
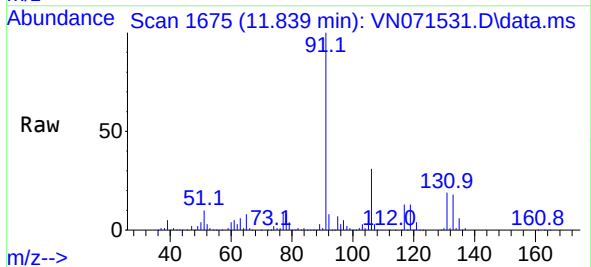
Manual Integrations
APPROVED

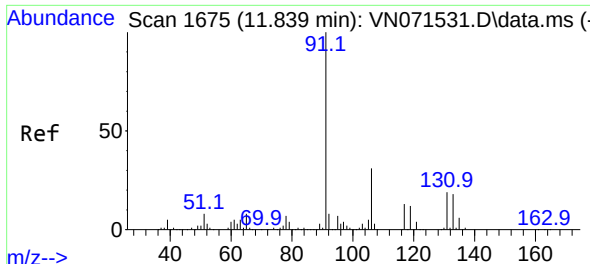
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 46.647 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Tgt Ion:131 Resp: 370628
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 66.8 33.4 100.2





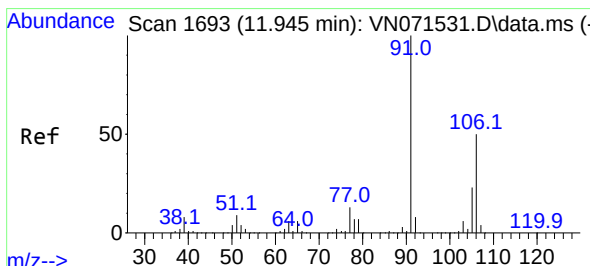
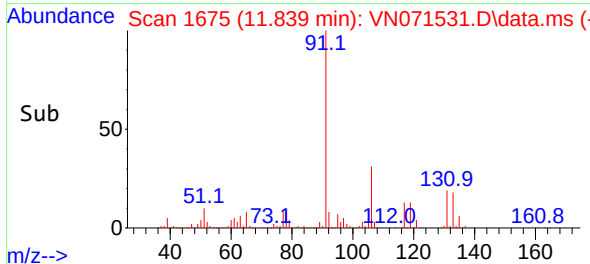
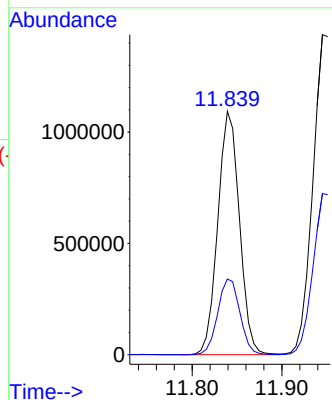
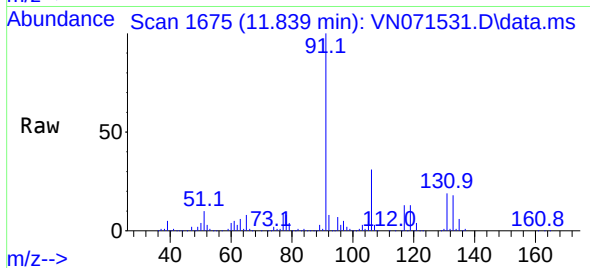
#67
Ethyl Benzene
Concen: 47.938 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 183126
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

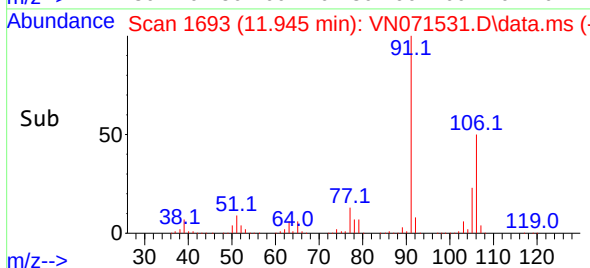
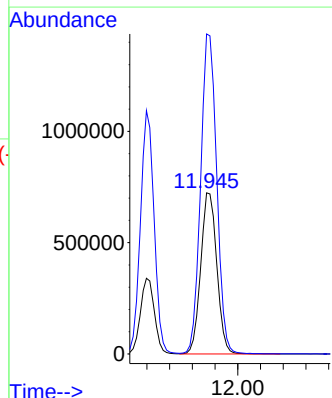
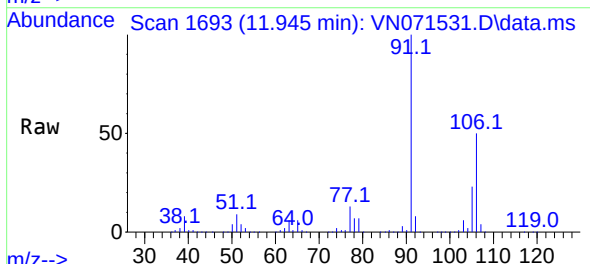
Manual Integrations
APPROVED

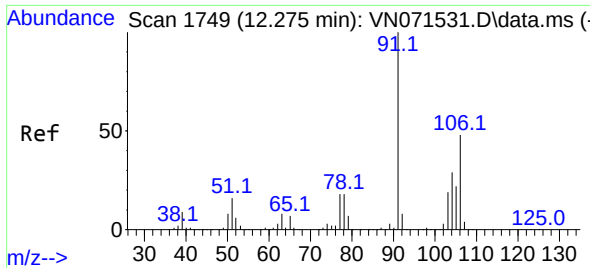
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#68
m/p-Xylenes
Concen: 96.465 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Tgt Ion:106 Resp: 1420701
Ion Ratio Lower Upper
106 100
91 198.6 158.9 238.3





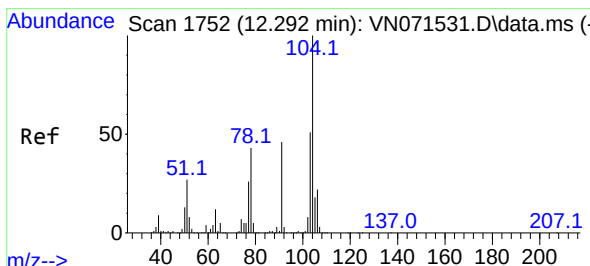
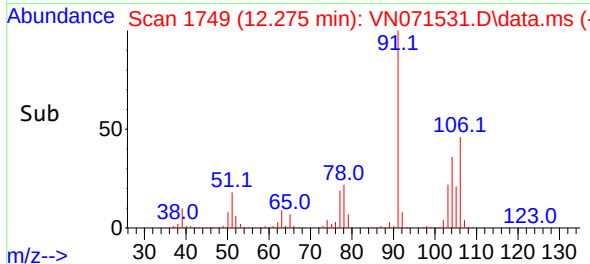
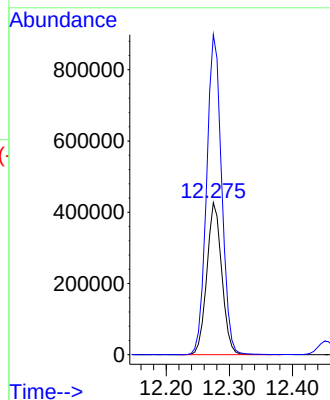
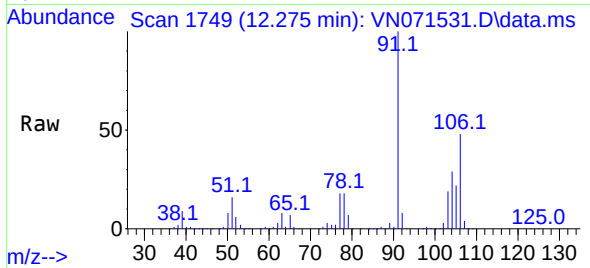
#69
o-Xylene
Concen: 48.601 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 701704
Ion Ratio Lower Upper
106 100
91 212.0 106.0 318.0

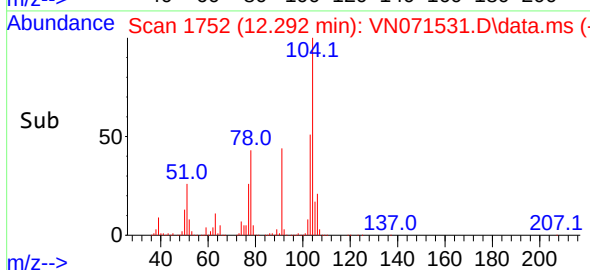
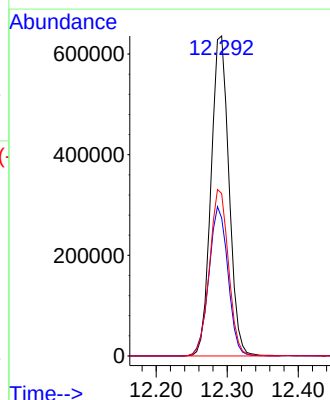
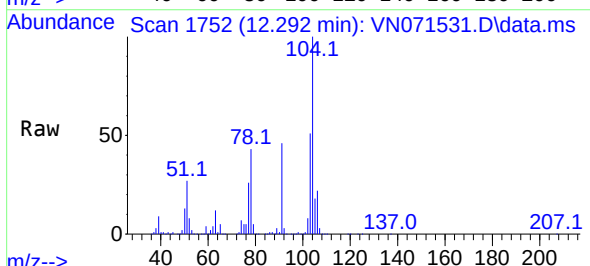
Manual Integrations
APPROVED

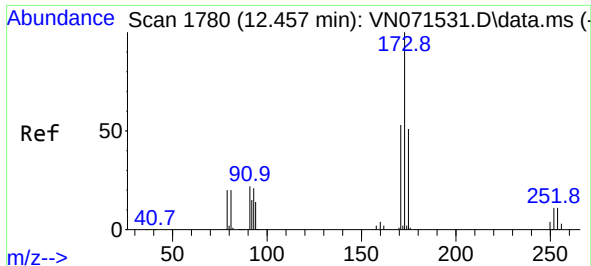
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 48.965 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

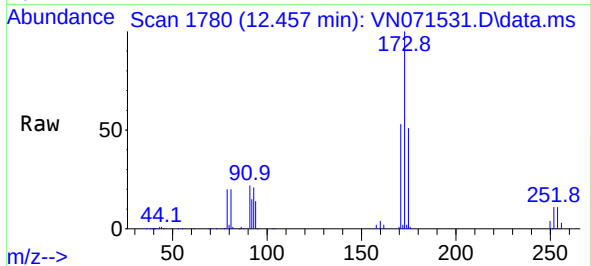
Tgt Ion:104 Resp: 1118369
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.0 44.0 66.0





#71
Bromoform
Concen: 47.713 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

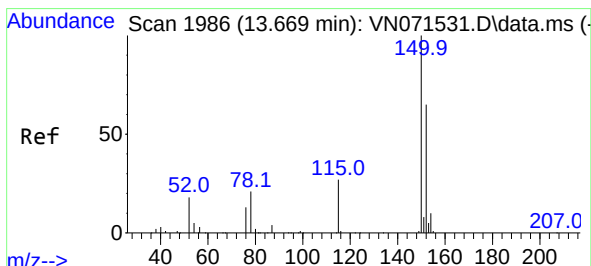
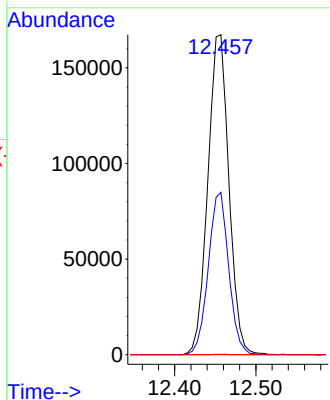
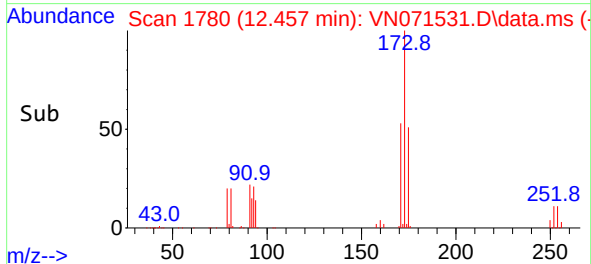
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



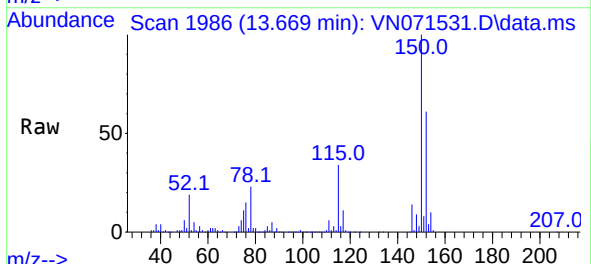
Tgt Ion:173 Resp: 30172
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

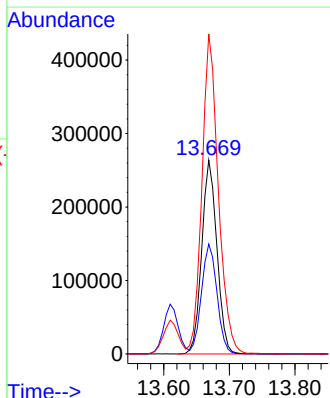
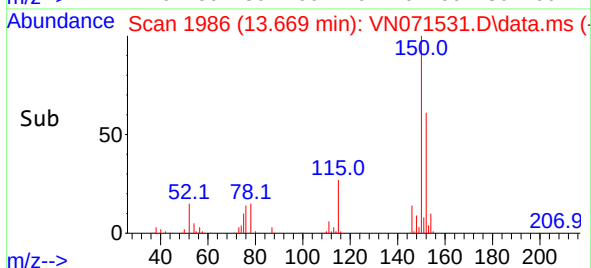
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

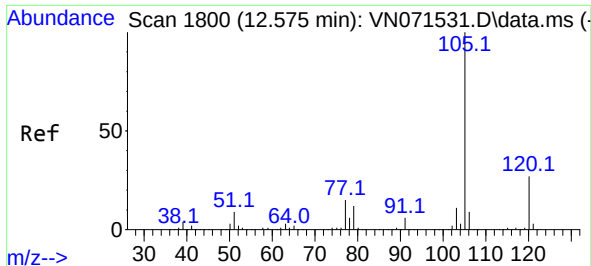


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



Tgt Ion:152 Resp: 426225
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 178.1 0.0 356.2





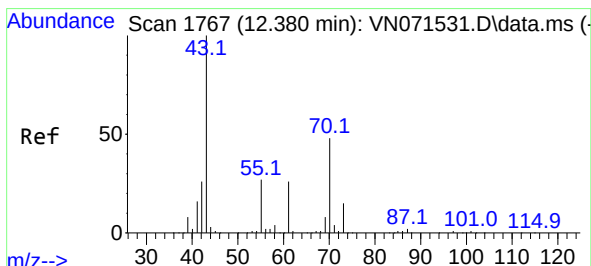
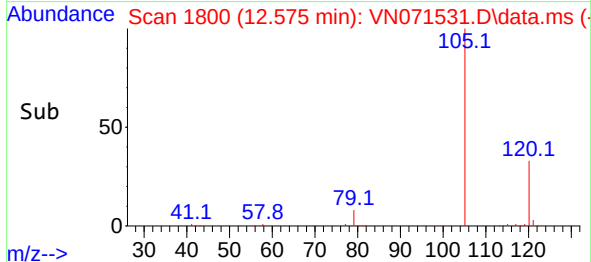
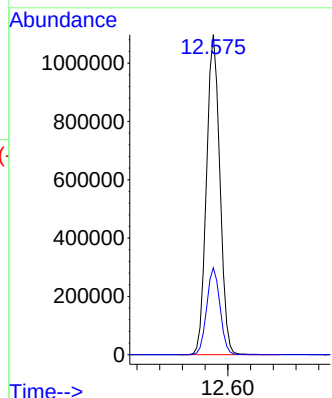
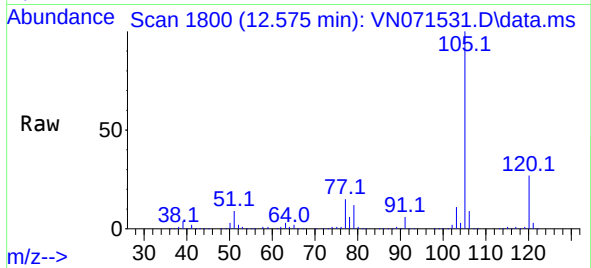
#73
Isopropylbenzene
Concen: 51.491 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 178943
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

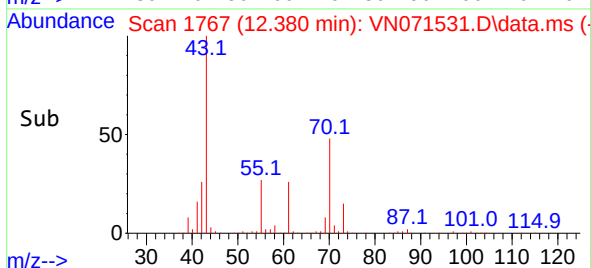
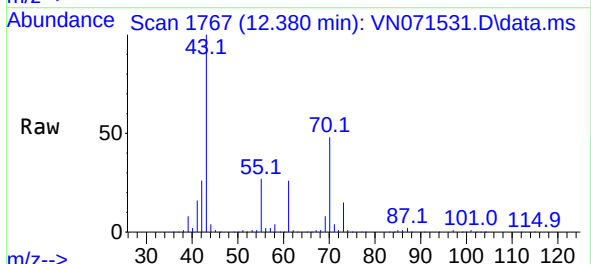
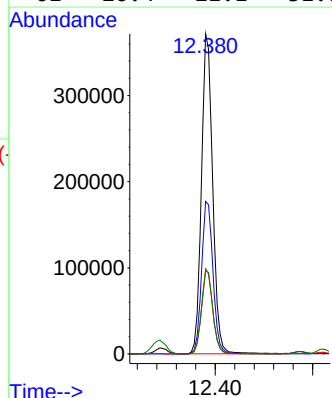
Manual Integrations
APPROVED

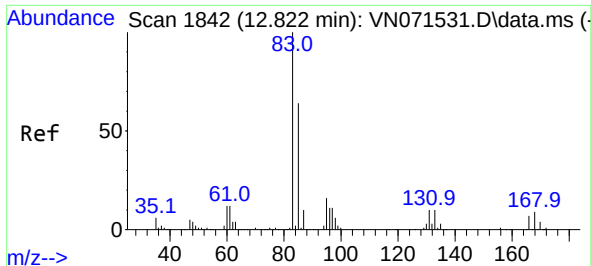
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 53.931 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

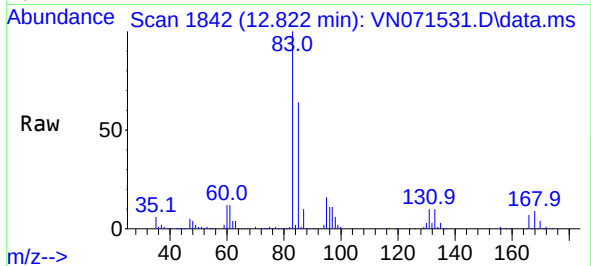
Tgt Ion: 43 Resp: 596940
Ion Ratio Lower Upper
43 100
70 48.7 39.0 58.4
55 26.4 21.1 31.7
61 26.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.846 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

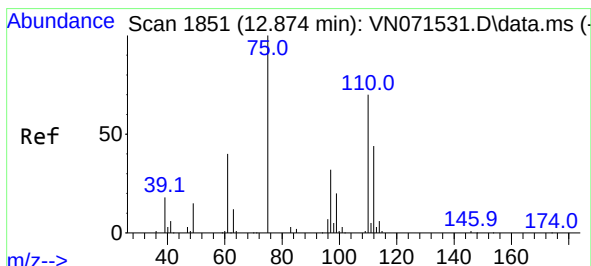
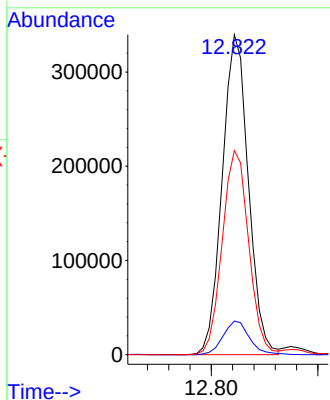
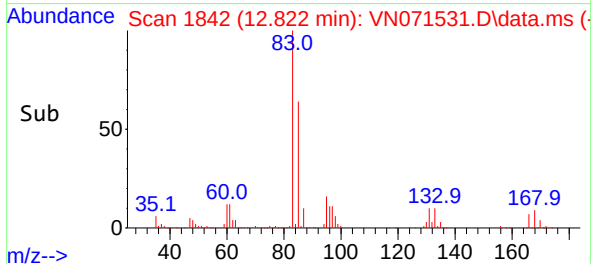
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



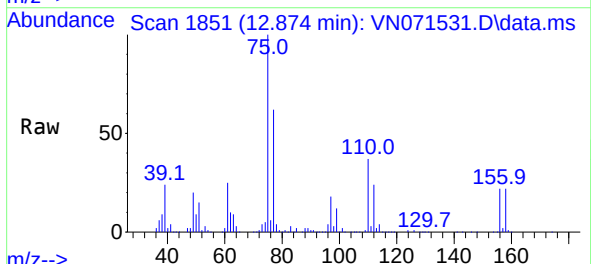
Tgt Ion: 83 Resp: 578859
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 64.6 32.3 96.9

Manual Integrations
APPROVED

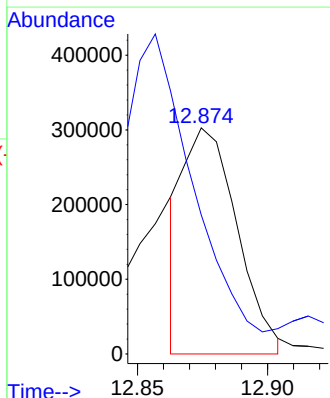
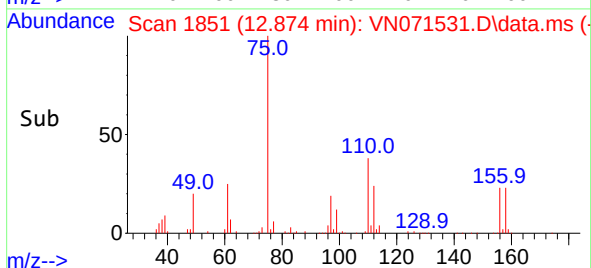
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

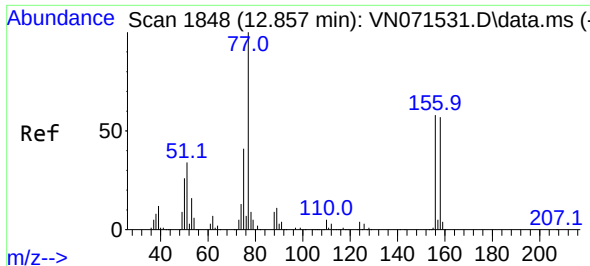


#76
1,2,3-Trichloropropane
Concen: 44.569 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



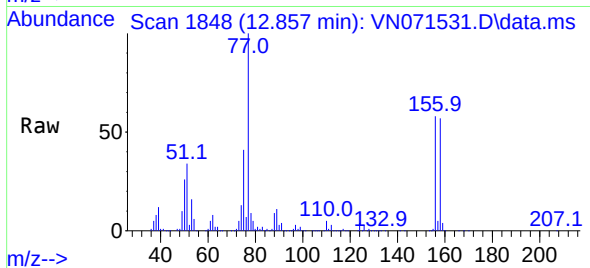
Tgt Ion: 75 Resp: 434534
Ion Ratio Lower Upper
75 100
77 197.0 98.5 295.5





#77
Bromobenzene
Concen: 50.173 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

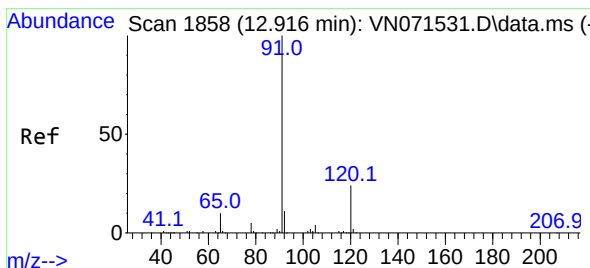
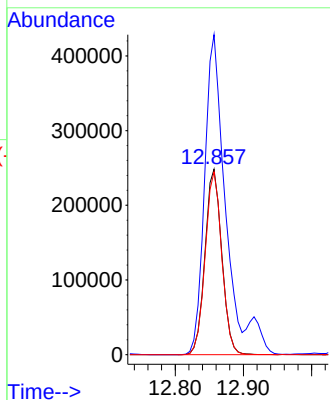
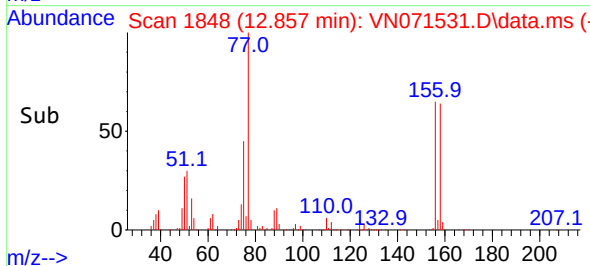
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



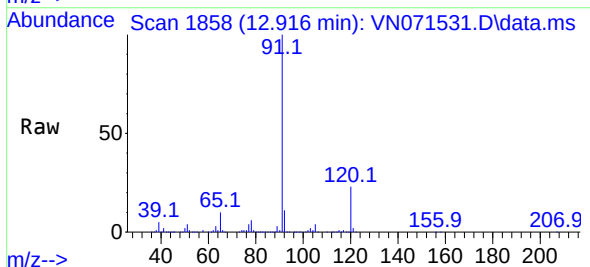
Tgt Ion:156 Resp: 425880
Ion Ratio Lower Upper
156 100
77 201.0 100.5 301.5
158 97.7 48.9 146.6

Manual Integrations
APPROVED

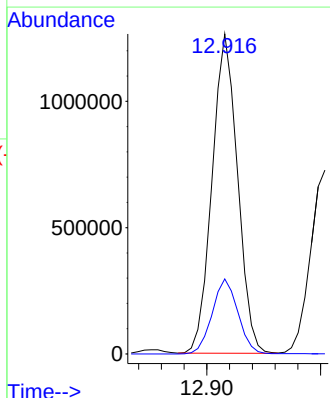
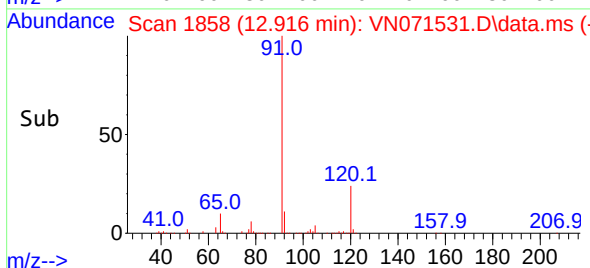
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

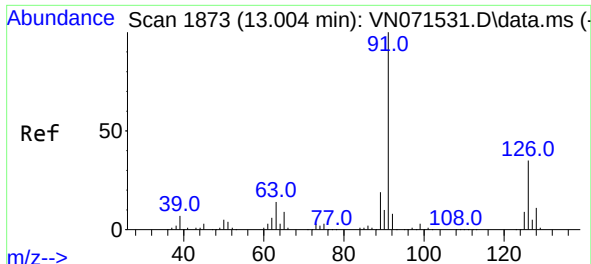


#78
n-propylbenzene
Concen: 50.737 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



Tgt Ion: 91 Resp: 1969394
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





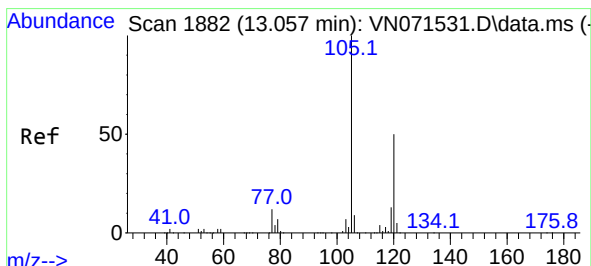
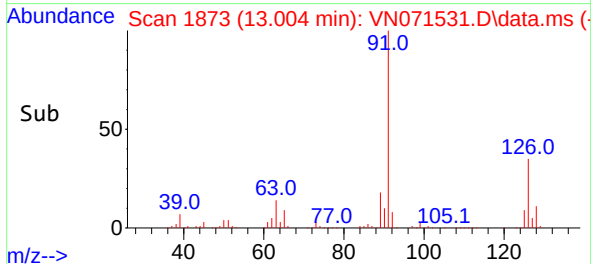
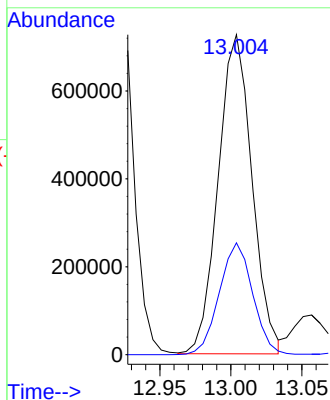
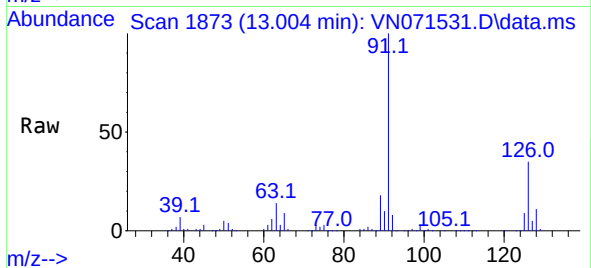
#79
2-Chlorotoluene
Concen: 50.817 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1201894
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9

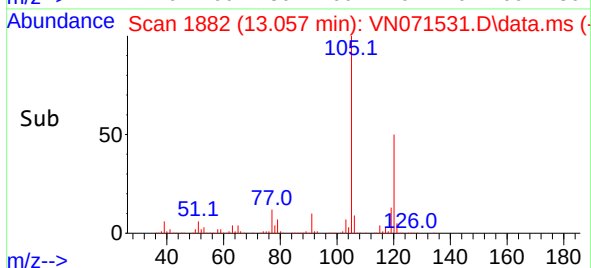
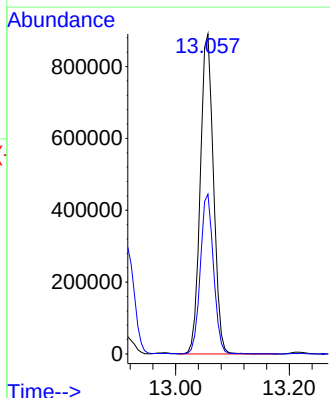
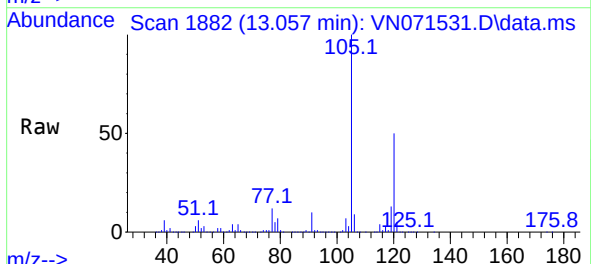
Manual Integrations
APPROVED

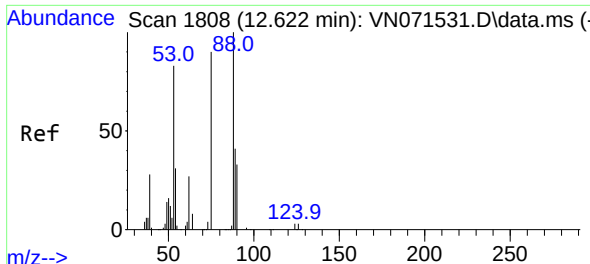
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.201 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

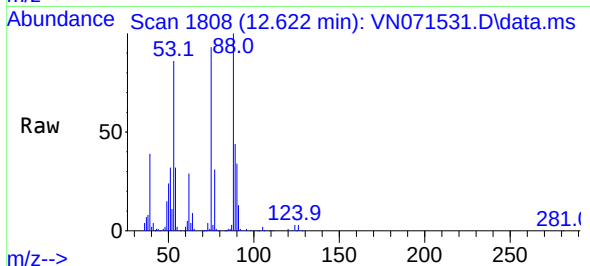
Tgt Ion:105 Resp: 1434036
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.687 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

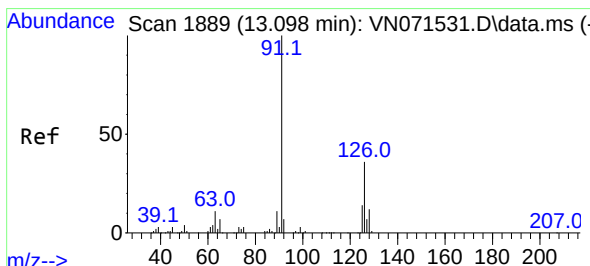
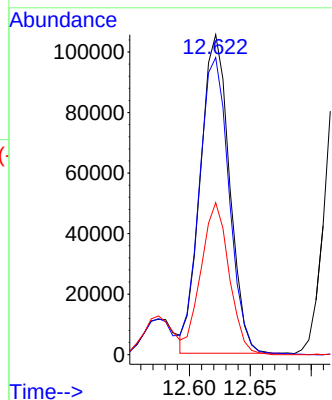
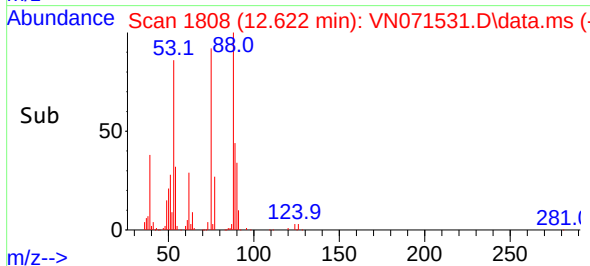
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



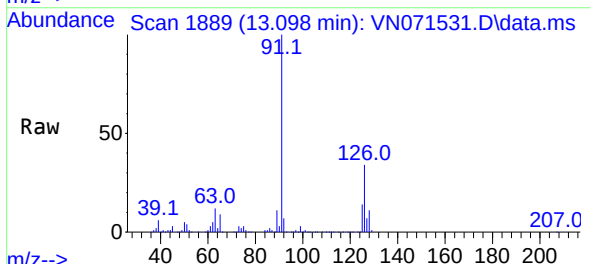
Tgt Ion: 75 Resp: 174308
Ion Ratio Lower Upper
75 100
53 97.5 78.0 117.0
89 46.5 37.2 55.8

Manual Integrations
APPROVED

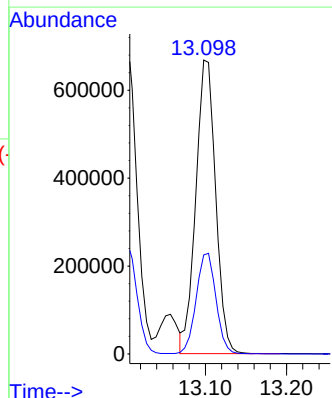
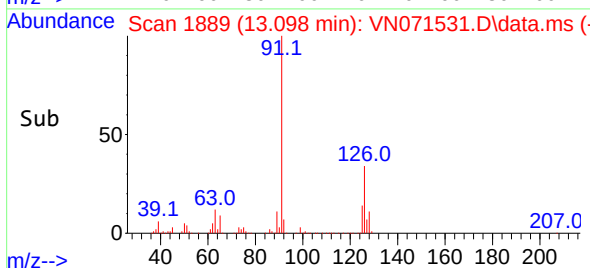
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

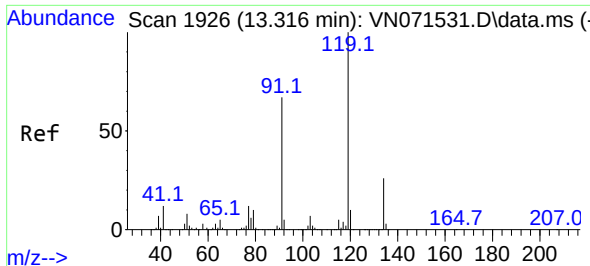


#82
4-Chlorotoluene
Concen: 49.853 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



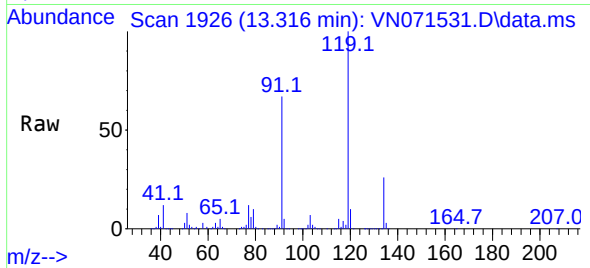
Tgt Ion: 91 Resp: 1135528
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.937 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

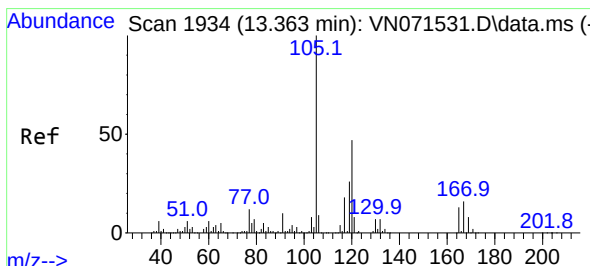
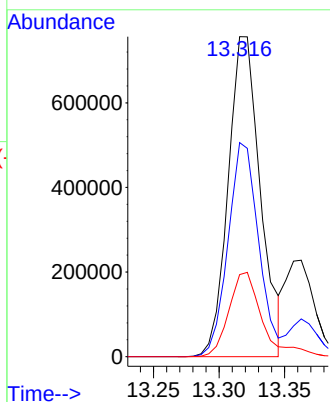
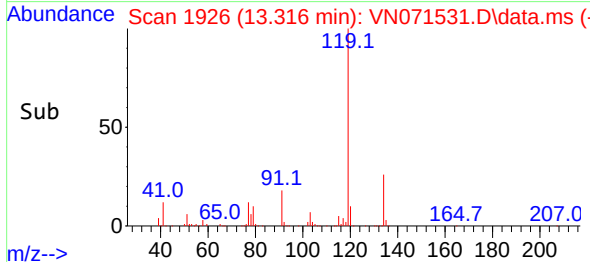
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



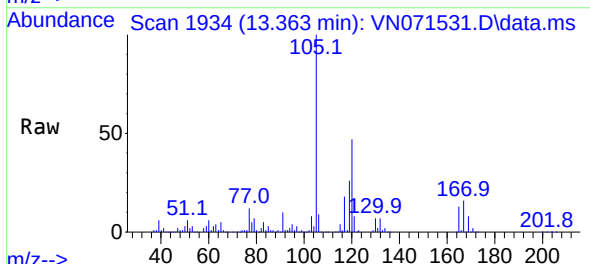
Tgt Ion:119 Resp: 129555
Ion Ratio Lower Upper
119 100
91 63.2 31.6 94.8
134 27.4 13.7 41.1

Manual Integrations
APPROVED

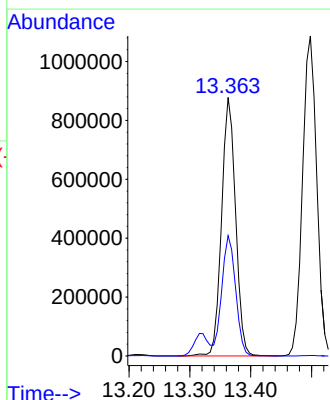
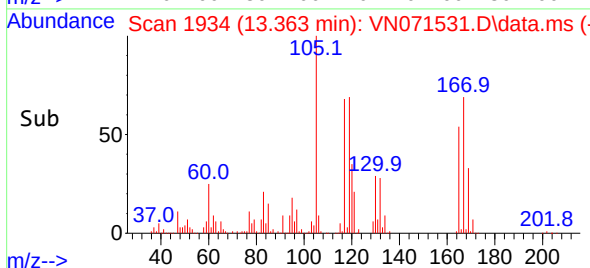
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

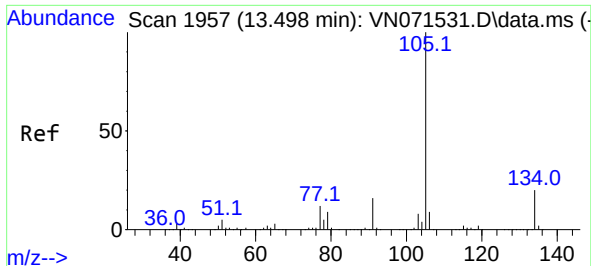


#84
1,2,4-Trimethylbenzene
Concen: 50.863 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



Tgt Ion:105 Resp: 1402284
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





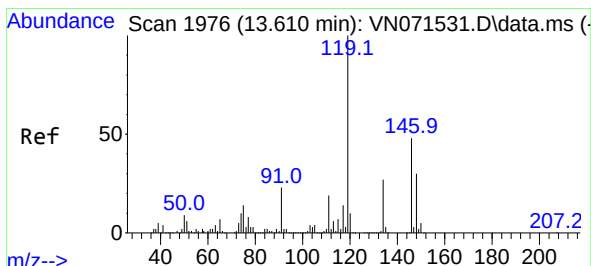
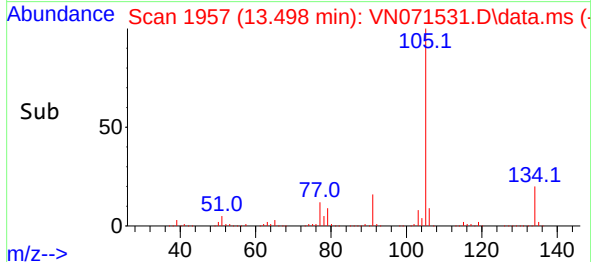
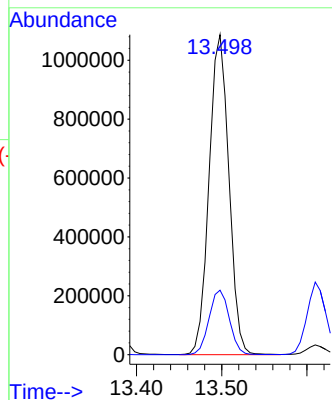
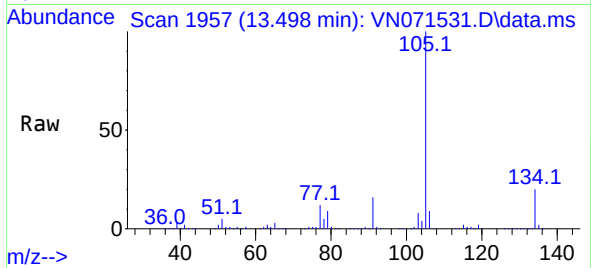
#85
 sec-Butylbenzene
 Concen: 50.236 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071531.D
 Acq: 24 Mar 2022 20:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 1752614
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

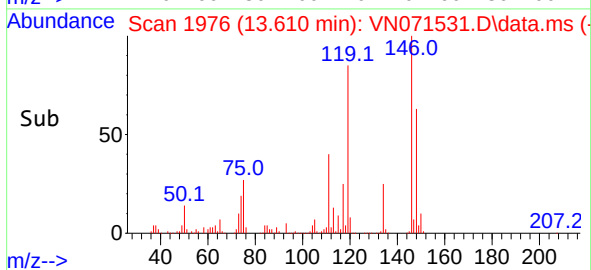
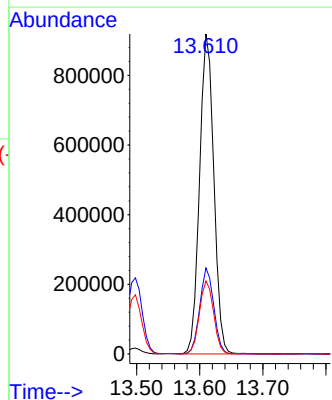
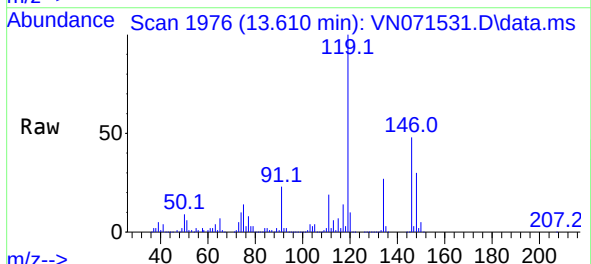
Manual Integrations
 APPROVED

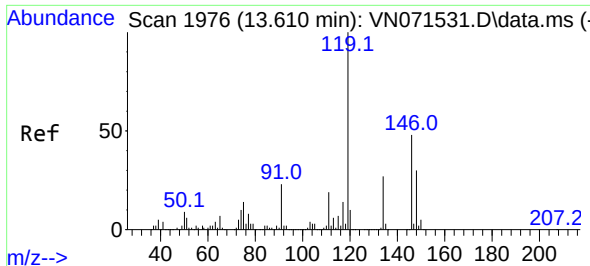
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 50.442 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071531.D
 Acq: 24 Mar 2022 20:22

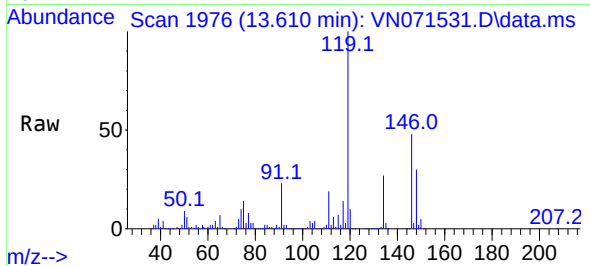
Tgt Ion:119 Resp: 1438291
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.563 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

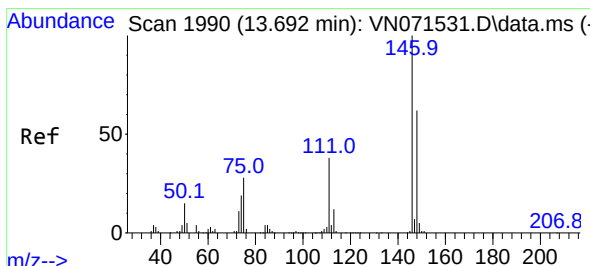
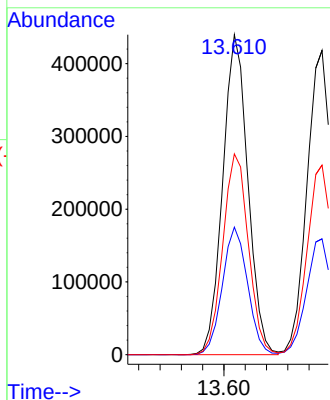
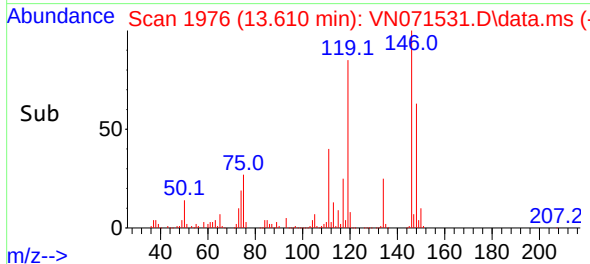
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



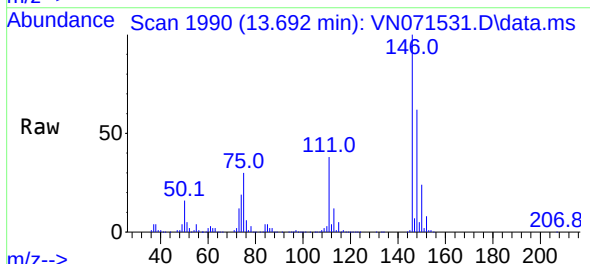
Tgt Ion:146 Resp: 721192
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 64.0 32.0 96.0

Manual Integrations
APPROVED

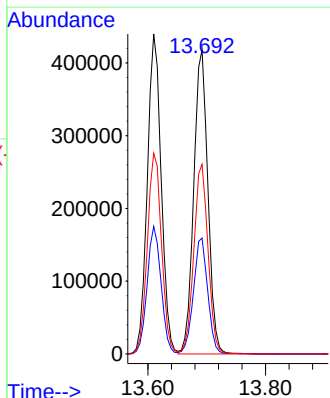
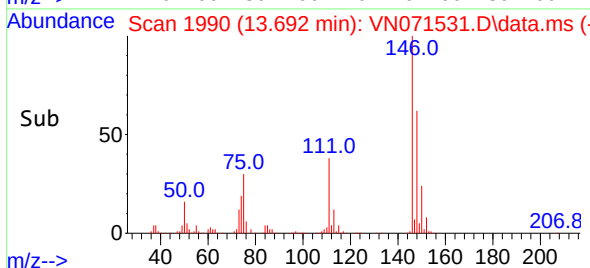
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

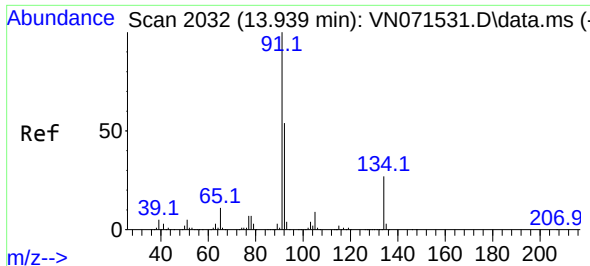


#88
1,4-Dichlorobenzene
Concen: 47.955 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



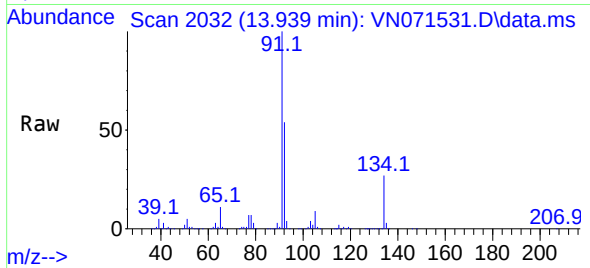
Tgt Ion:146 Resp: 698264
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 62.9 31.4 94.3





#89
n-Butylbenzene
Concen: 46.718 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

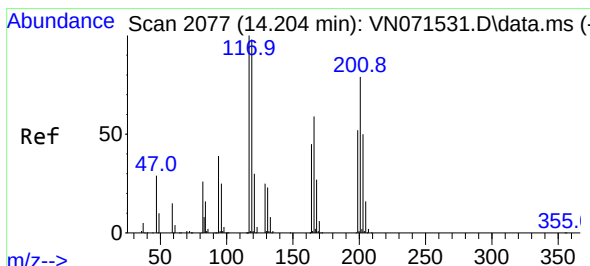
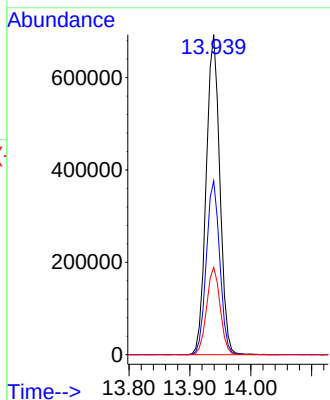
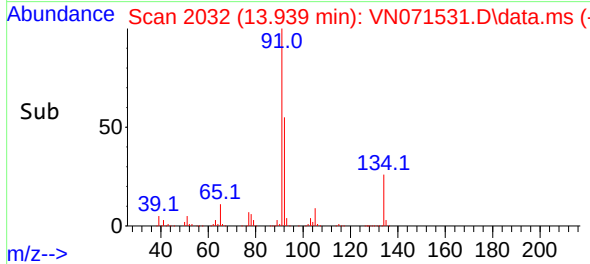
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 107273
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 27.2 13.6 40.8

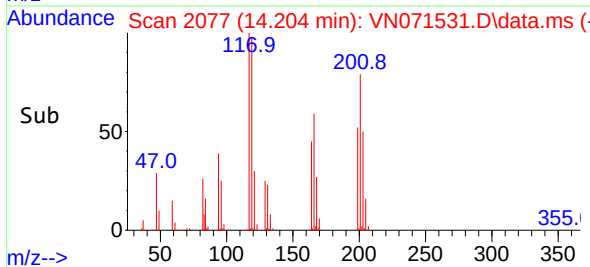
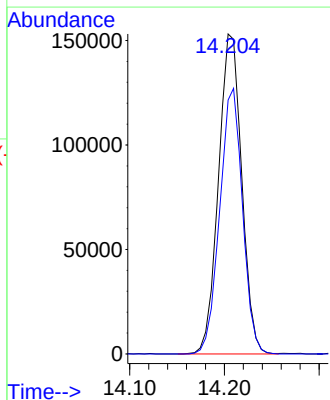
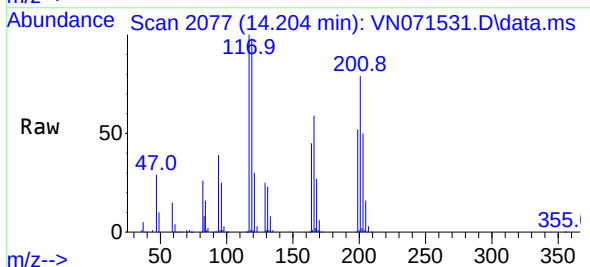
Manual Integrations
APPROVED

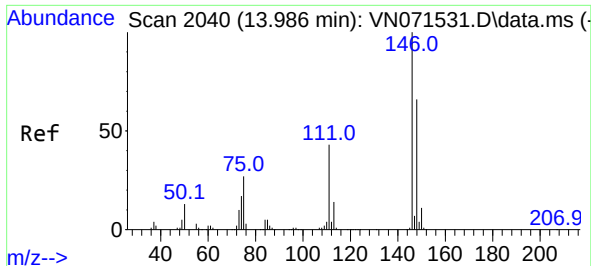
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 50.979 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

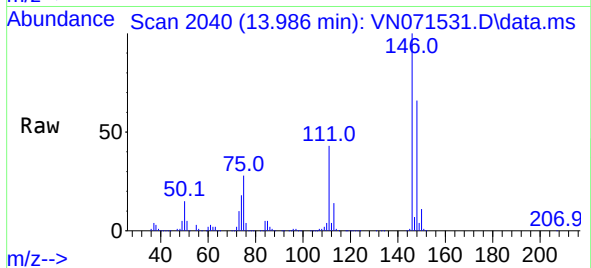
Tgt Ion:117 Resp: 261303
Ion Ratio Lower Upper
117 100
201 81.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.194 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

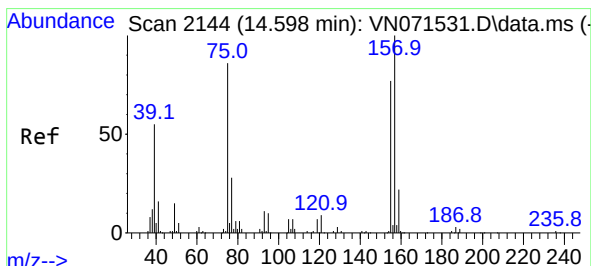
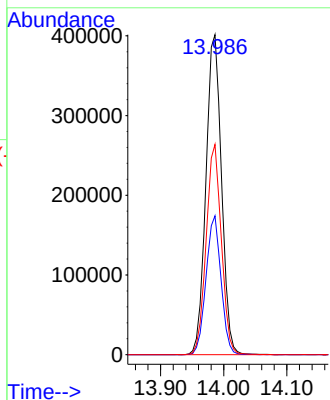
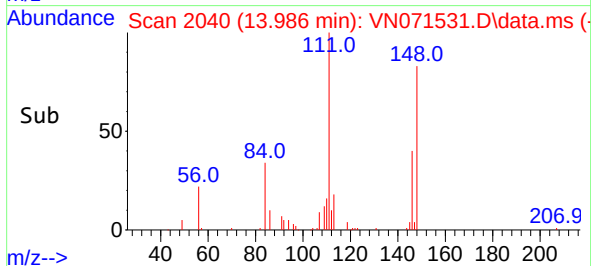
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



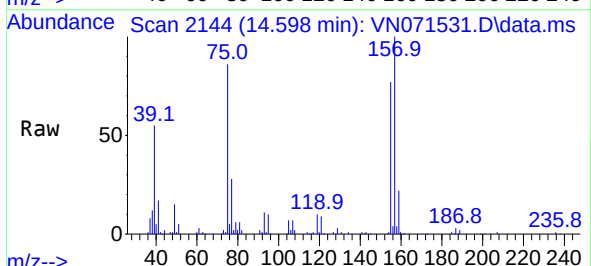
Tgt Ion:146 Resp: 688785
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.8
148 64.2 32.1 96.3

Manual Integrations
APPROVED

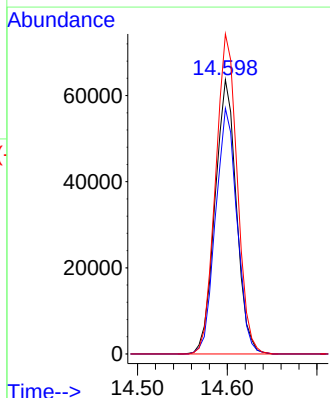
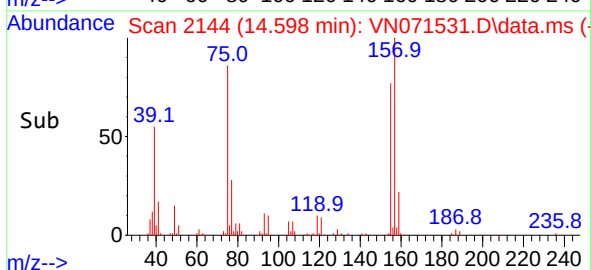
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

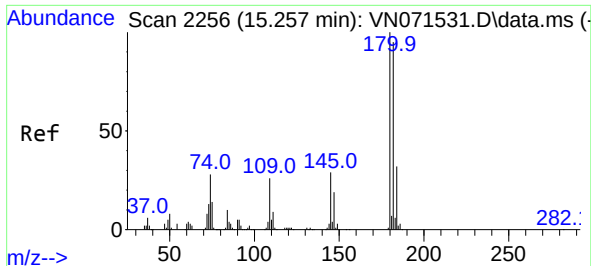


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.859 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



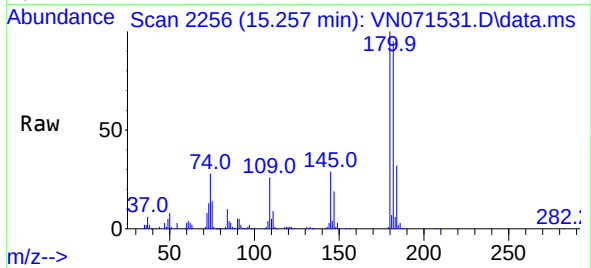
Tgt Ion: 75 Resp: 105374
Ion Ratio Lower Upper
75 100
155 89.7 44.9 134.5
157 117.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 48.286 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

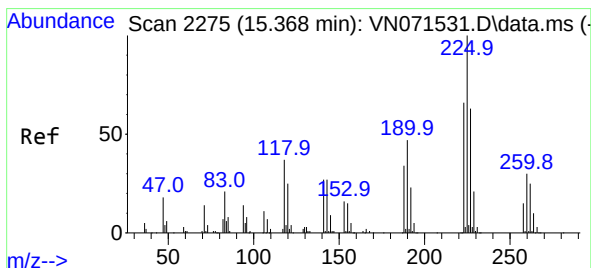
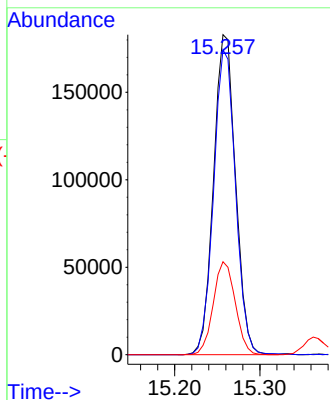
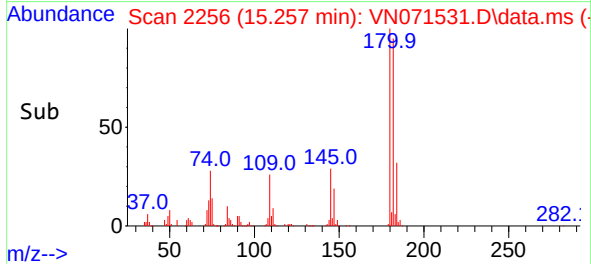
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



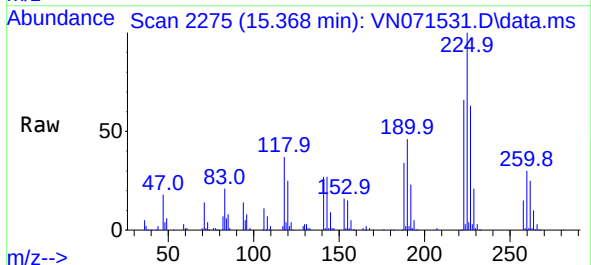
Tgt Ion:180 Resp: 328614
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 29.0 14.5 43.5

Manual Integrations
APPROVED

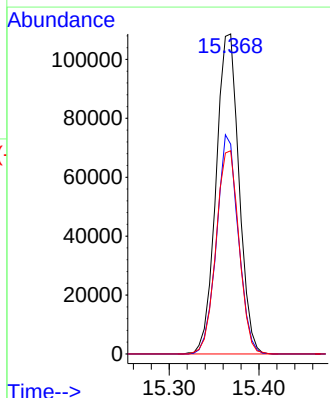
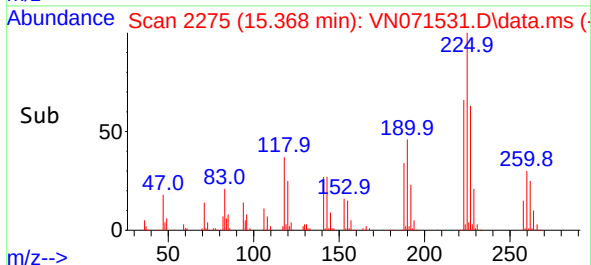
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

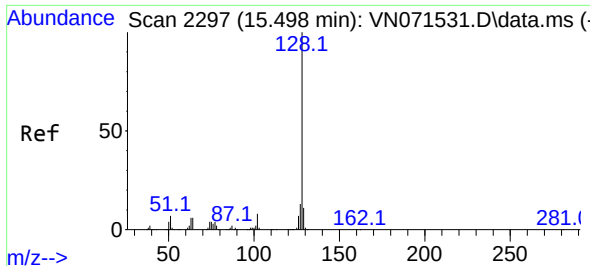


#94
Hexachlorobutadiene
Concen: 39.061 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



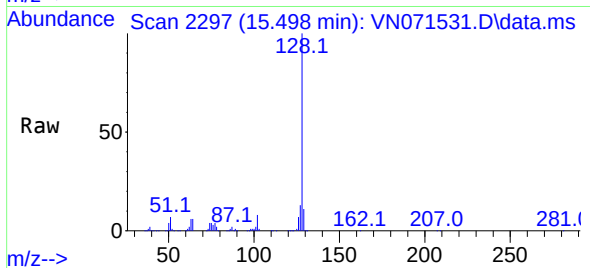
Tgt Ion:225 Resp: 192535
Ion Ratio Lower Upper
225 100
223 64.8 32.4 97.2
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 65.894 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22

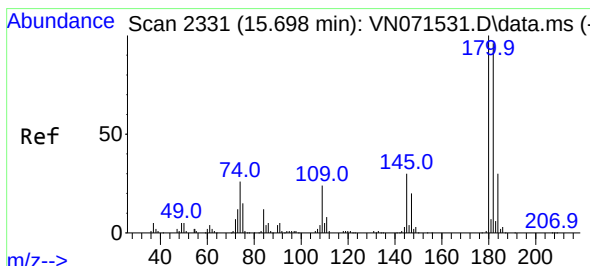
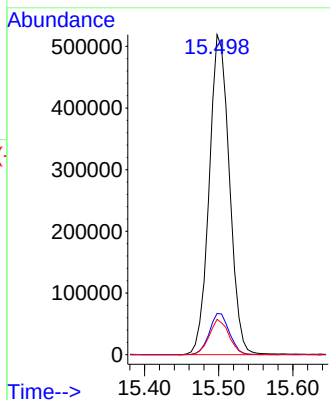
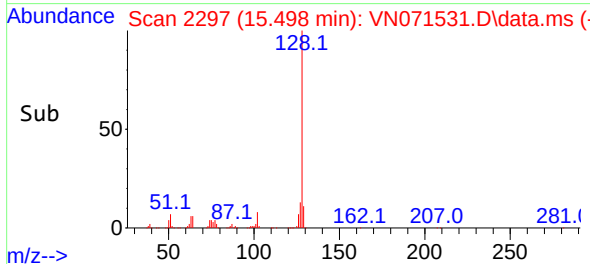
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



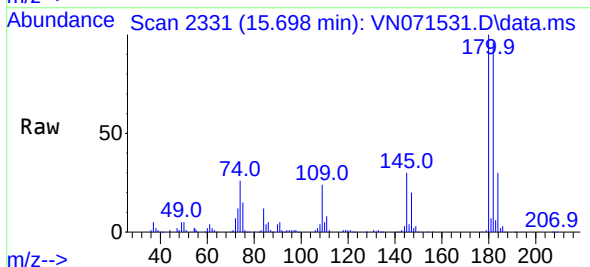
Tgt Ion:128 Resp: 981874
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.741 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN071531.D
Acq: 24 Mar 2022 20:22



Tgt Ion:180 Resp: 329978
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 31.0 15.5 46.5

