

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071651.D
 Acq On : 30 Mar 2022 11:39
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 30 12:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 12:03:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	557870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	881368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	806419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	343934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	316572	47.719	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.440%
35) Dibromofluoromethane	8.016	113	261345	48.709	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.420%
50) Toluene-d8	10.439	98	1065116	48.113	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.727	95	359264	49.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	231965	43.246	ug/l	96
3) Chloromethane	2.299	50	268109	42.232	ug/l	97
4) Vinyl Chloride	2.446	62	314467	44.550	ug/l	100
5) Bromomethane	2.846	94	204099	49.462	ug/l	100
6) Chloroethane	3.010	64	222242	43.530	ug/l	99
7) Trichlorofluoromethane	3.375	101	398317	47.087	ug/l	100
8) Diethyl Ether	3.828	74	171007	48.501	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.216	101	243487	47.347	ug/l	97
10) Methyl Iodide	4.422	142	353568	46.923	ug/l	99
11) Tert butyl alcohol	5.357	59	279974	238.804	ug/l	100
12) 1,1-Dichloroethene	4.187	96	232701	46.923	ug/l	99
13) Acrolein	4.040	56	339658	317.233	ug/l	99
14) Allyl chloride	4.840	41	387707	48.685	ug/l	99
15) Acrylonitrile	5.546	53	802544	244.061	ug/l	99
16) Acetone	4.275	43	650414	235.918	ug/l	99
17) Carbon Disulfide	4.534	76	513566	41.855	ug/l	98
18) Methyl Acetate	4.846	43	348898	40.907	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	900754	49.361	ug/l	100
20) Methylene Chloride	5.093	84	282104	46.555	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	250935	47.070	ug/l	97
22) Diisopropyl ether	6.487	45	846700	49.640	ug/l	99
23) Vinyl Acetate	6.428	43	3650389	254.027	ug/l	99
24) 1,1-Dichloroethane	6.387	63	492636	48.603	ug/l	99
25) 2-Butanone	7.328	43	1025439	240.389	ug/l	100
26) 2,2-Dichloropropane	7.322	77	427887	49.102	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	318159	48.453	ug/l	99
28) Bromochloromethane	7.657	49	176102	43.858	ug/l	99
29) Tetrahydrofuran	7.675	42	686593	247.454	ug/l	99
30) Chloroform	7.810	83	515872	49.580	ug/l	97
31) Cyclohexane	8.092	56	416822	44.989	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	443212	49.198	ug/l	99
36) 1,1-Dichloropropene	8.216	75	365744	47.227	ug/l	100
37) Ethyl Acetate	7.404	43	426106	49.965	ug/l	100
38) Carbon Tetrachloride	8.204	117	366691	47.891	ug/l	99
39) Methylcyclohexane	9.451	83	454579	47.602	ug/l	99
40) Benzene	8.457	78	1143685	48.088	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	203310	49.230	ug/l	95
42) 1,2-Dichloroethane	8.528	62	396142	48.205	ug/l	100
43) Isopropyl Acetate	8.551	43	646599	43.096	ug/l	100
44) Trichloroethene	9.210	130	303157	48.365	ug/l	97
45) 1,2-Dichloropropane	9.486	63	289995	49.378	ug/l	100
46) Dibromomethane	9.575	93	197403	49.149	ug/l	99
47) Bromodichloromethane	9.757	83	403092	50.916	ug/l	99
48) Methyl methacrylate	9.551	41	289848	47.924	ug/l	96
49) 1,4-Dioxane	9.563	88	132135	979.953	ug/l	97
51) 4-Methyl-2-Pentanone	10.322	43	2078434	249.809	ug/l	100
52) Toluene	10.498	92	750456	48.955	ug/l	99
53) t-1,3-Dichloropropene	10.710	75	436515	50.687	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	478366	51.090	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	304645	49.207	ug/l	99
56) Ethyl methacrylate	10.751	69	472056	51.197	ug/l	99
57) 1,3-Dichloropropane	11.039	76	510593	49.481	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.034	63	612440	260.640	ug/l	100
59) 2-Hexanone	11.081	43	1503255	252.878	ug/l	99
60) Dibromochloromethane	11.233	129	315361	50.943	ug/l	100
61) 1,2-Dibromoethane	11.339	107	306760	49.135	ug/l	99
64) Tetrachloroethene	10.975	164	259815	46.800	ug/l	99
65) Chlorobenzene	11.763	112	812898	48.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	298752	49.636	ug/l	100
67) Ethyl Benzene	11.839	91	1448117	50.008	ug/l	100
68) m/p-Xylenes	11.951	106	1126601	102.215	ug/l	99
69) o-Xylene	12.275	106	559968	50.602	ug/l	98
70) Styrene	12.286	104	895182	53.006	ug/l	100
71) Bromoform	12.451	173	246453	51.834	ug/l #	98
73) Isopropylbenzene	12.575	105	1439647	47.798	ug/l	100
74) N-amyl acetate	12.380	43	463393	50.646	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	464007	46.049	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	386228m	46.823	ug/l	
77) Bromobenzene	12.851	156	349896	46.145	ug/l	98
78) n-propylbenzene	12.916	91	1580652	48.659	ug/l	100
79) 2-Chlorotoluene	13.004	91	962133	47.294	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1153440	48.497	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	139837	48.943	ug/l	98
82) 4-Chlorotoluene	13.098	91	917072	48.300	ug/l	100
83) tert-Butylbenzene	13.316	119	1066764	48.837	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1140267	48.873	ug/l	100
85) sec-Butylbenzene	13.498	105	1419531	49.273	ug/l	100
86) p-Isopropyltoluene	13.610	119	1168440	50.949	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	589707	48.239	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	569355	46.908	ug/l	99
89) n-Butylbenzene	13.939	91	881029	50.850	ug/l	100
90) Hexachloroethane	14.204	117	207239	48.199	ug/l	98
91) 1,2-Dichlorobenzene	13.980	146	564264	47.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	80475	46.332	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	272634	51.584	ug/l	98
94) Hexachlorobutadiene	15.363	225	164602	49.288	ug/l	99
95) Naphthalene	15.498	128	752014	52.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	263747	49.914	ug/l	99

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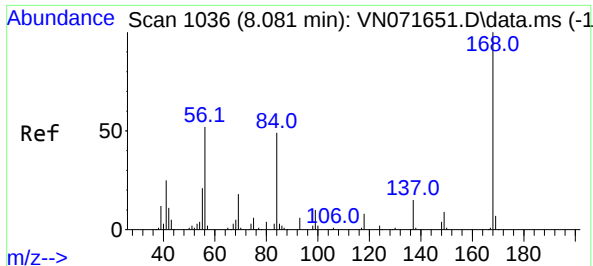
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Quant Title : SW846 8260
QLast Update : Wed Mar 30 12:03:14 2022
Response via : Initial Calibration

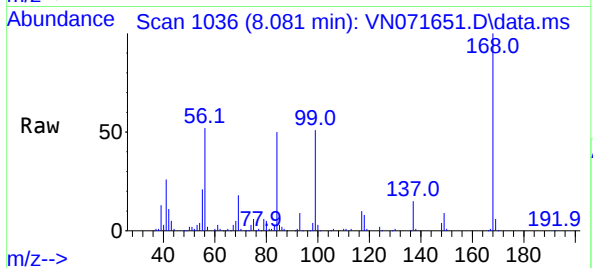
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

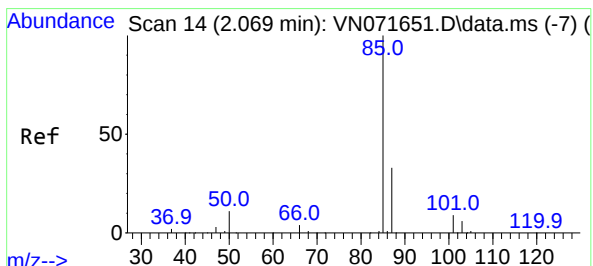
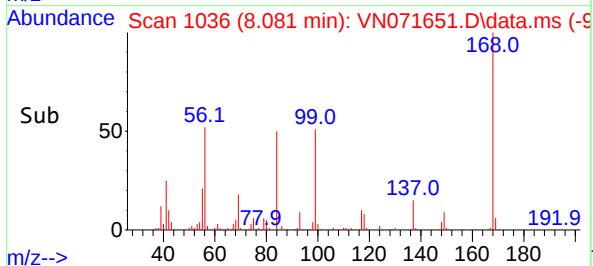
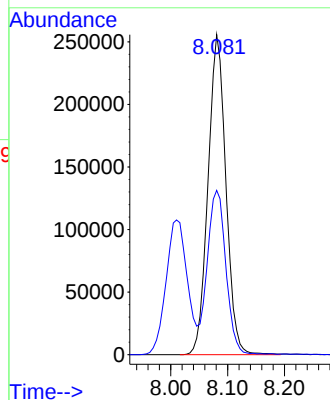
Instrument :
MSVOA_N
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VSTDICCC050



Tgt Ion:168 Resp: 557870
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5

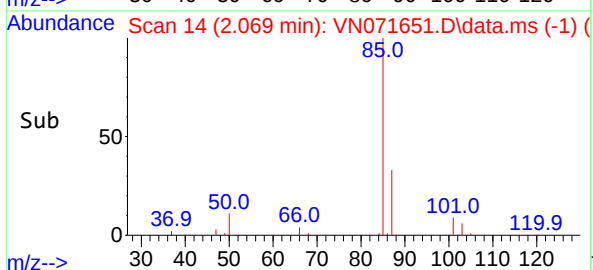
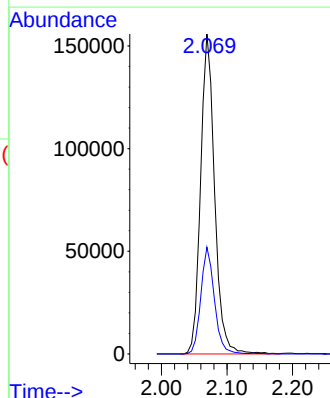
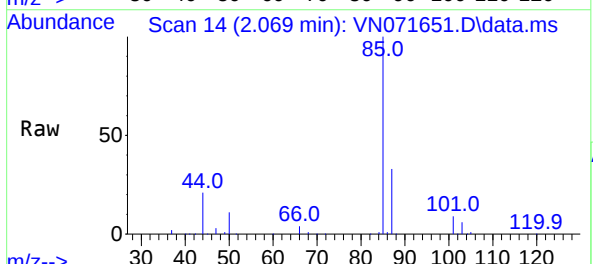
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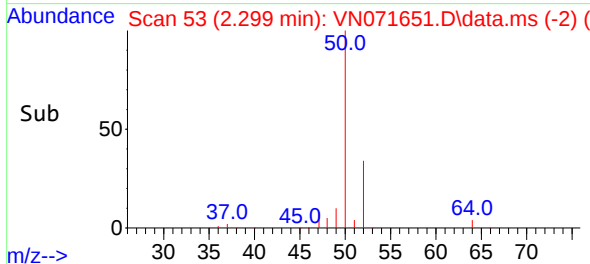
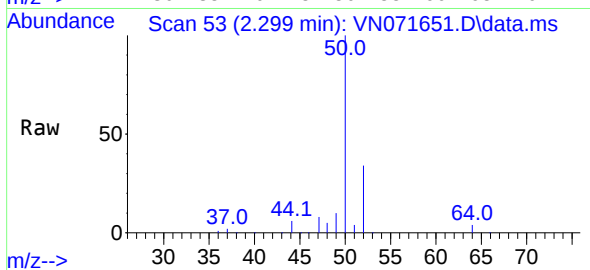
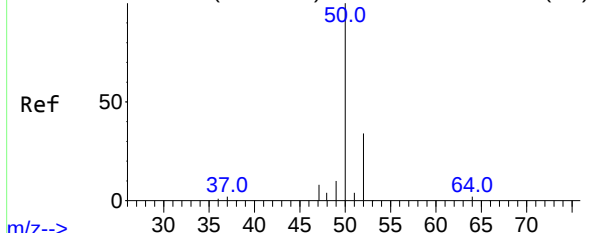


#2
Dichlorodifluoromethane
Concen: 43.246 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion: 85 Resp: 231965
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.1



Abundance Scan 53 (2.299 min): VN071651.D\data.ms (-46)



#3

Chloromethane

Concen: 42.232 ug/l

RT: 2.299 min Scan# 53

Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 268109

Ion Ratio Lower Upper

50 100

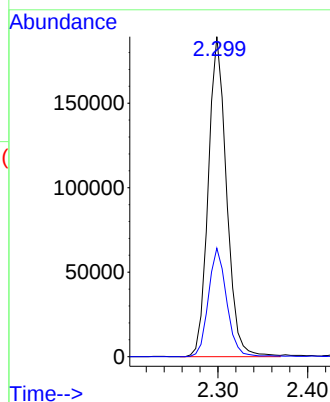
52 33.9 25.7 38.5

Manual Integrations

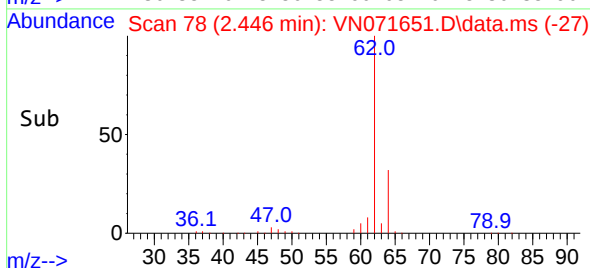
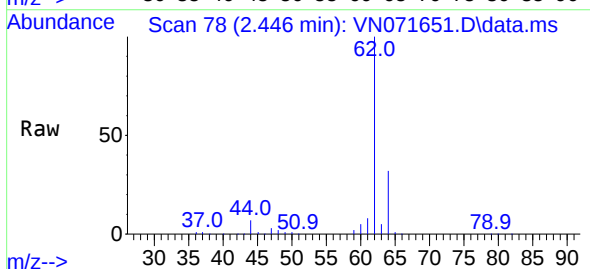
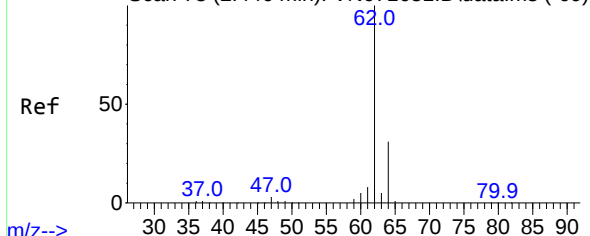
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Supervised By :Mahesh Dadoda 04/01/2022



Abundance Scan 78 (2.446 min): VN071651.D\data.ms (-69)



#4

Vinyl Chloride

Concen: 44.550 ug/l

RT: 2.446 min Scan# 78

Delta R.T. 0.000 min

Lab File: VN071651.D

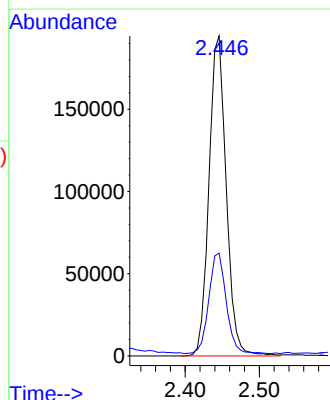
Acq: 30 Mar 2022 11:39

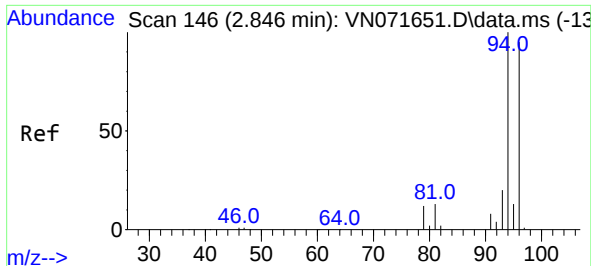
Tgt Ion: 62 Resp: 314467

Ion Ratio Lower Upper

62 100

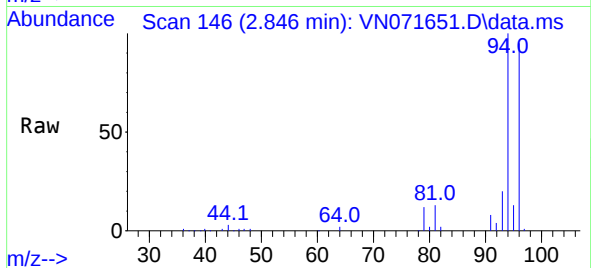
64 31.4 25.0 37.4





#5
Bromomethane
Concen: 49.462 ug/l
RT: 2.846 min Scan# 146
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

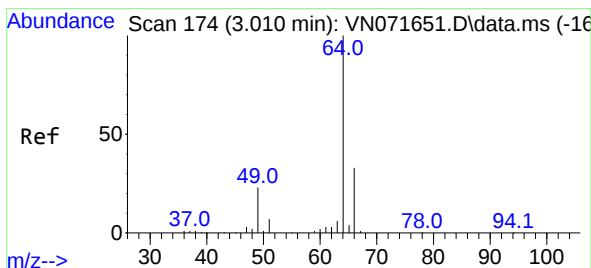
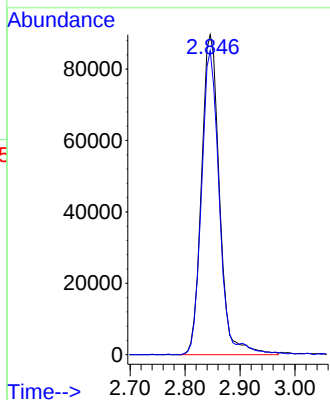
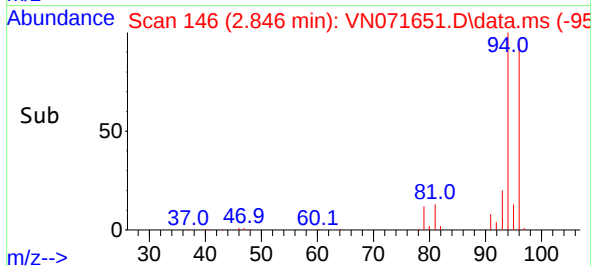
Instrument :
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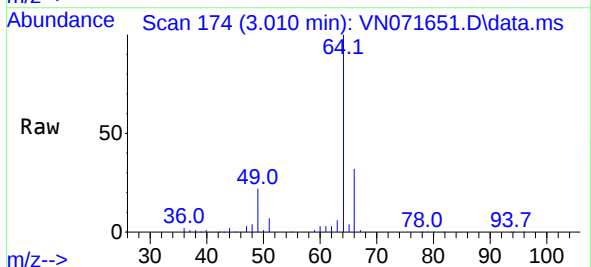
Tgt Ion: 94 Resp: 204099
Ion Ratio Lower Upper
94 100
96 94.9 76.0 114.0

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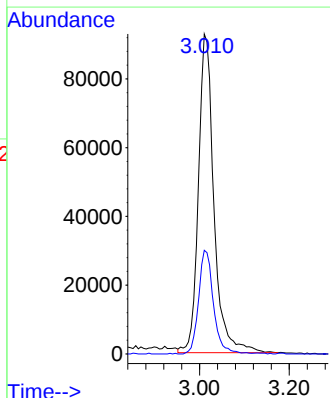
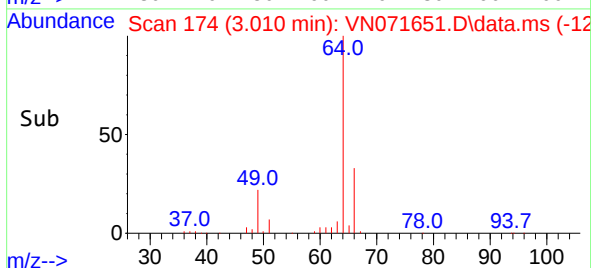
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#6
Chloroethane
Concen: 43.530 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



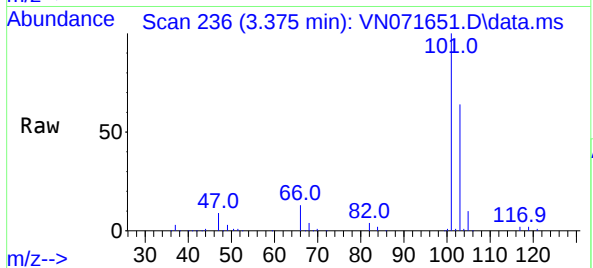
Tgt Ion: 64 Resp: 222242
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.087 ug/l
RT: 3.375 min Scan# 236
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

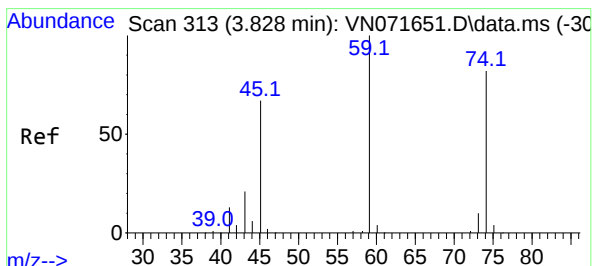
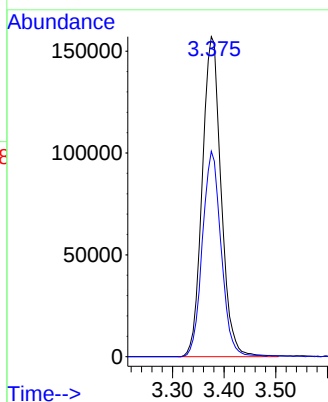
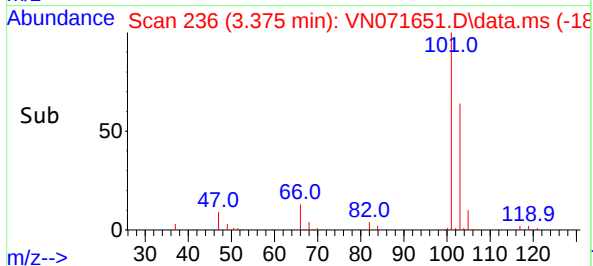
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



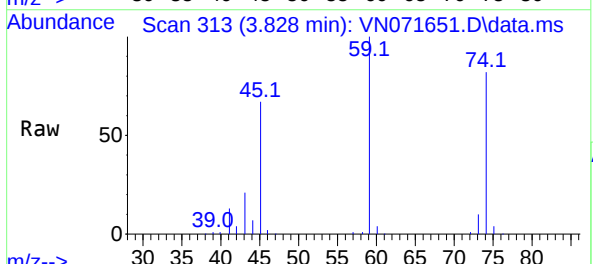
Tgt Ion:101 Resp: 39831
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

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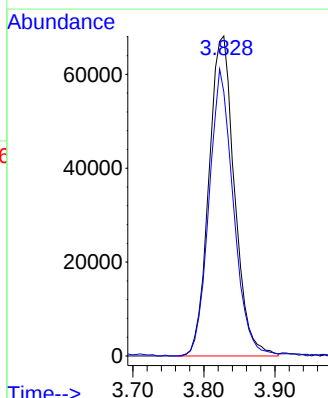
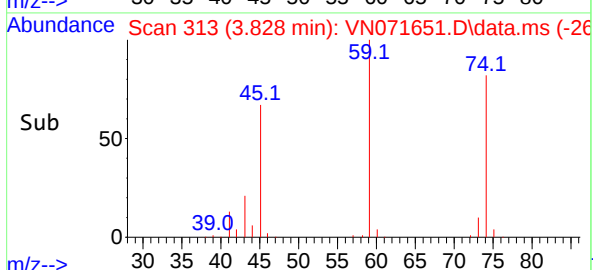
Reviewed By :John Carlone 03/31/2022
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#8
Diethyl Ether
Concen: 48.501 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



Tgt Ion: 74 Resp: 171007
Ion Ratio Lower Upper
74 100
45 85.4 42.9 128.5





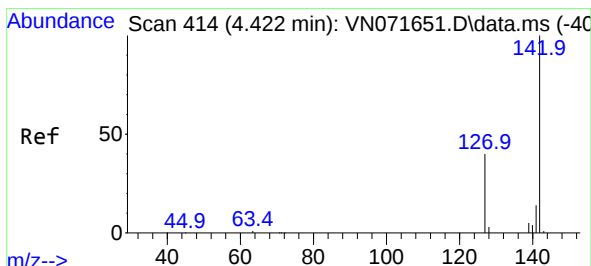
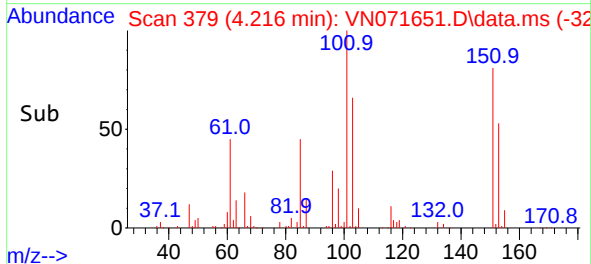
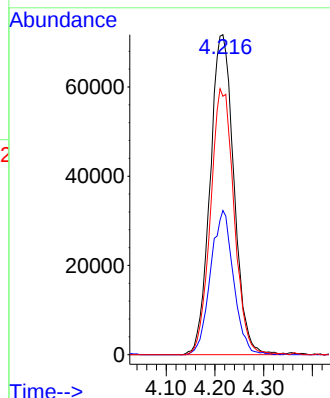
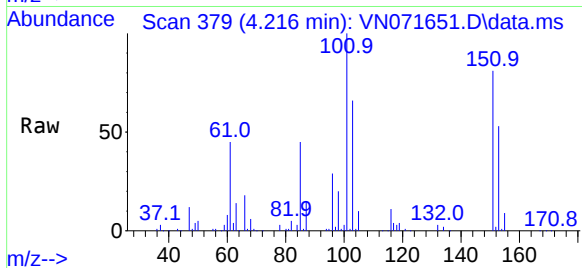
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.347 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
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Tgt Ion:101 Resp: 24348
Ion Ratio Lower Upper
101 100
85 43.6 34.7 52.1
151 82.2 63.0 94.4

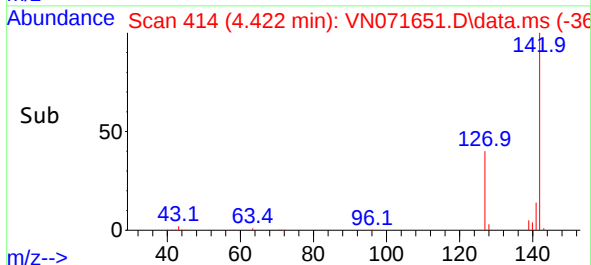
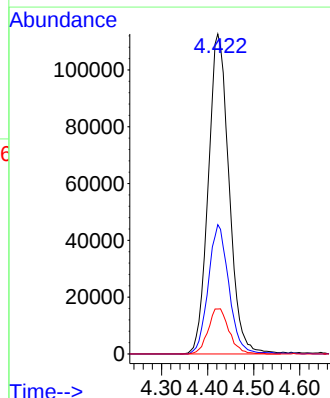
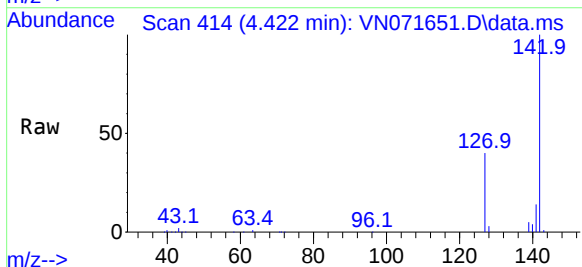
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 46.923 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

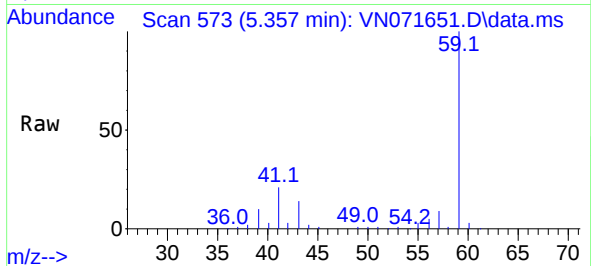
Tgt Ion:142 Resp: 353568
Ion Ratio Lower Upper
142 100
127 40.0 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 238.804 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

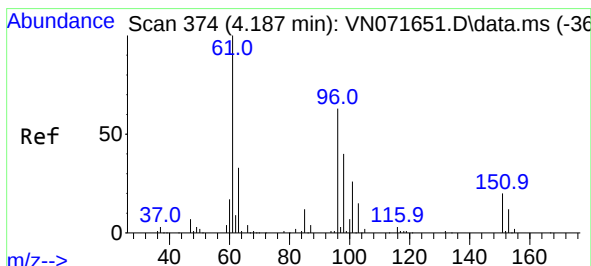
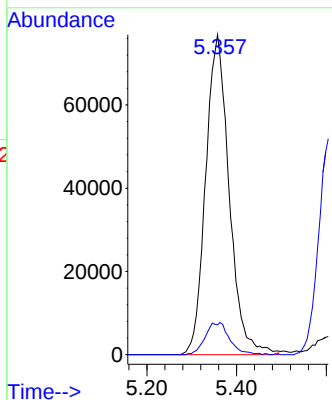
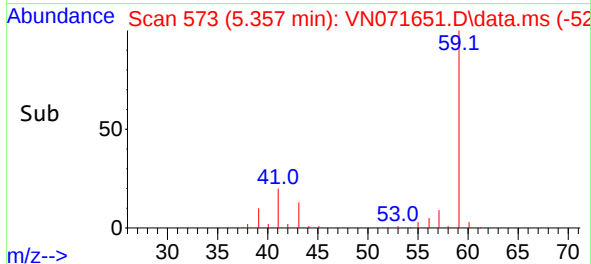
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



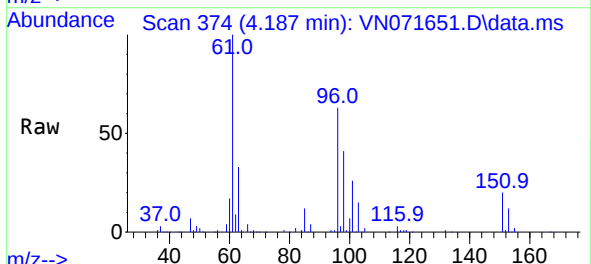
Tgt Ion: 59 Resp: 279974
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

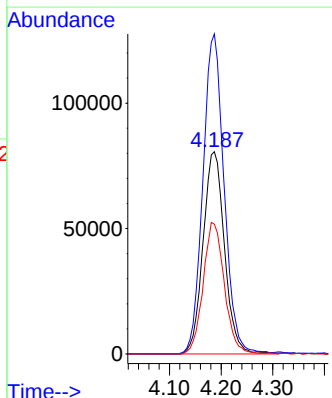
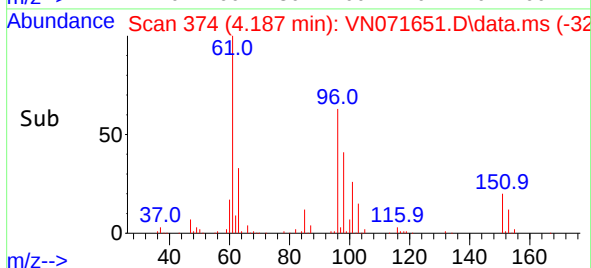
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#12
1,1-Dichloroethene
Concen: 46.923 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



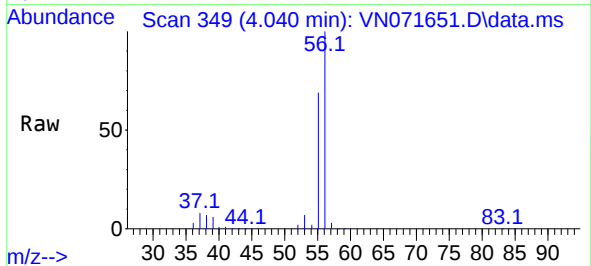
Tgt Ion: 96 Resp: 232701
Ion Ratio Lower Upper
96 100
61 158.3 127.6 191.4
98 64.2 51.2 76.8





#13
Acrolein
Concen: 317.233 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

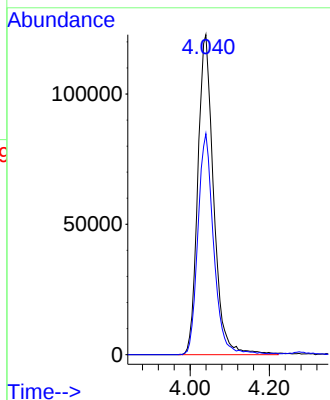
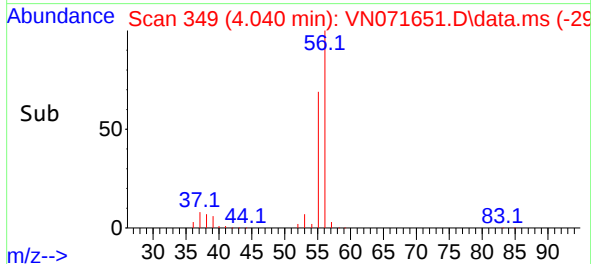
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



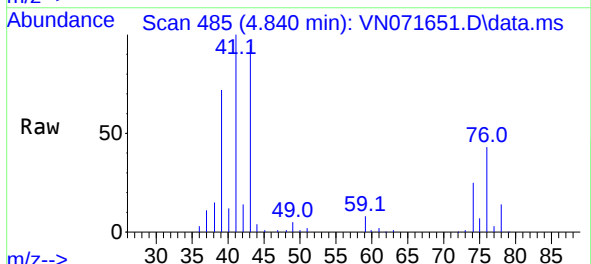
Tgt Ion: 56 Resp: 339658
Ion Ratio Lower Upper
56 100
55 69.0 54.8 82.2

Manual Integrations
APPROVED

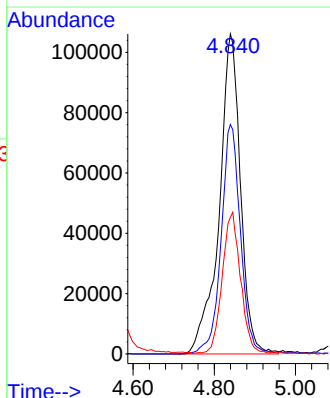
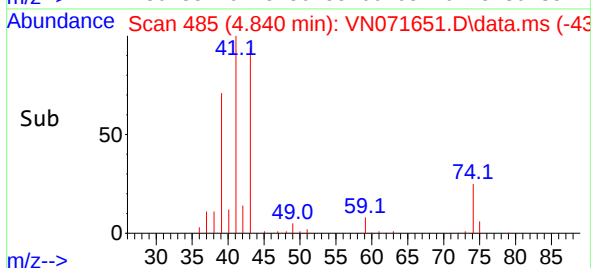
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#14
Allyl chloride
Concen: 48.685 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



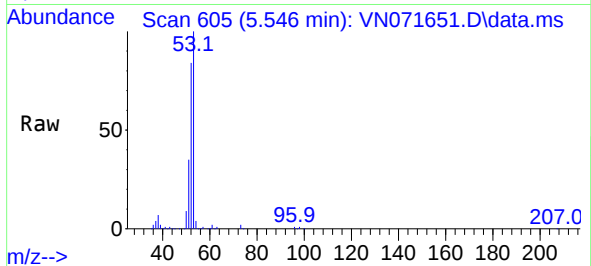
Tgt Ion: 41 Resp: 387707
Ion Ratio Lower Upper
41 100
39 64.8 53.2 79.8
76 37.5 29.9 44.9





#15
Acrylonitrile
Concen: 244.061 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

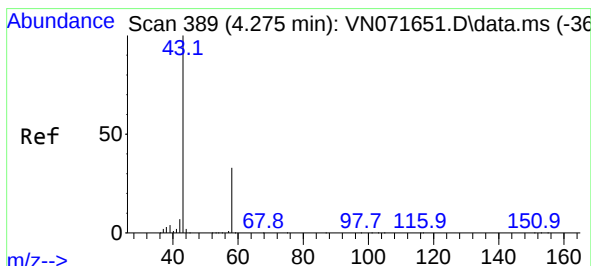
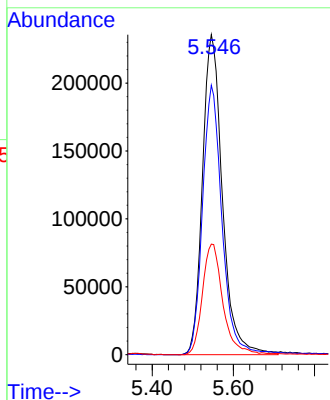
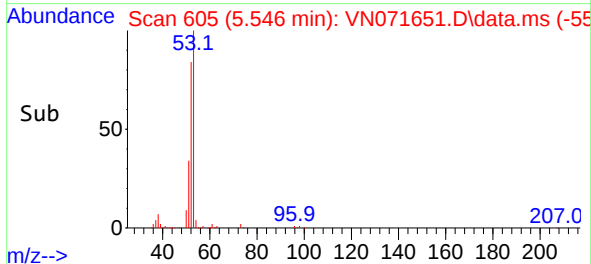
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



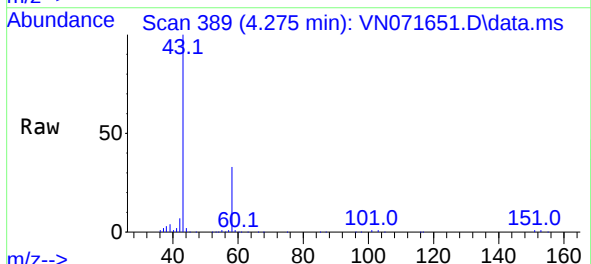
Tgt Ion: 53 Resp: 802544
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
APPROVED

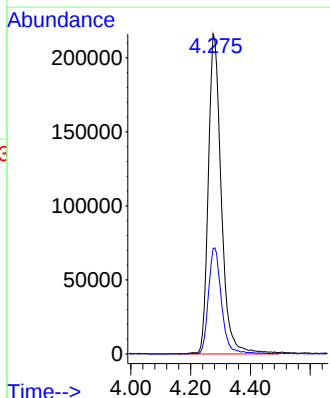
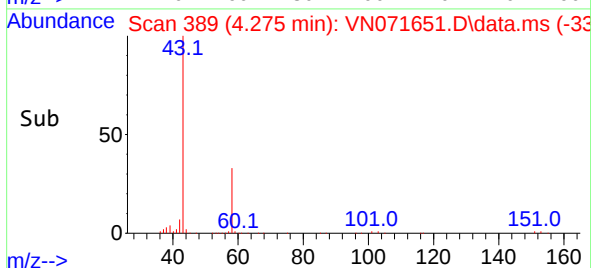
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

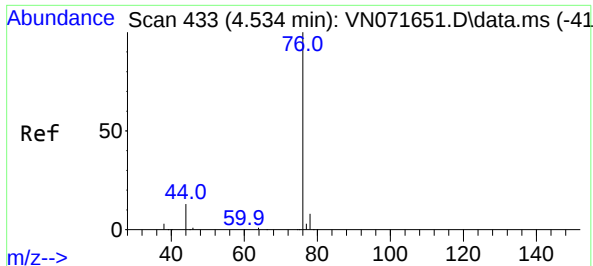


#16
Acetone
Concen: 235.918 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



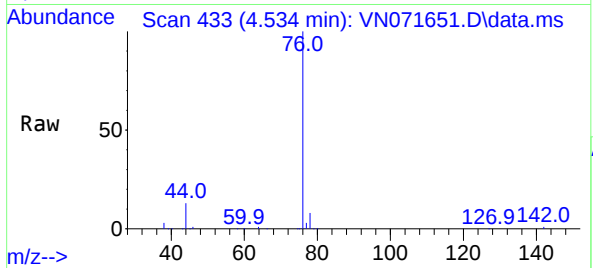
Tgt Ion: 43 Resp: 650414
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17
Carbon Disulfide
Concen: 41.855 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

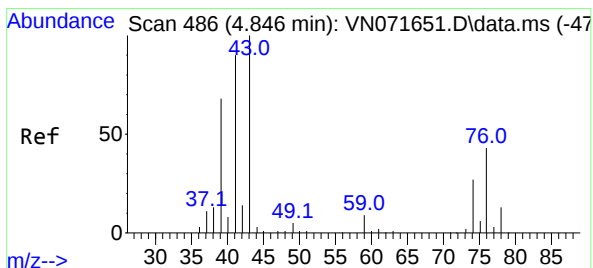
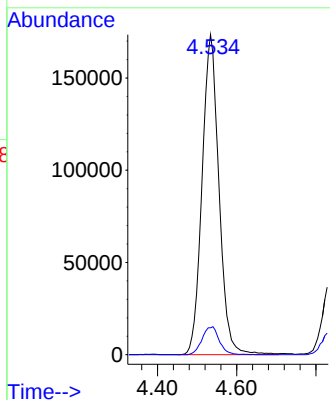
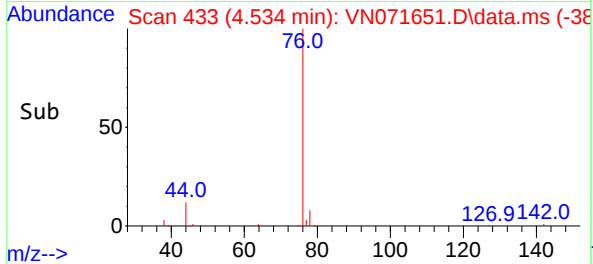
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



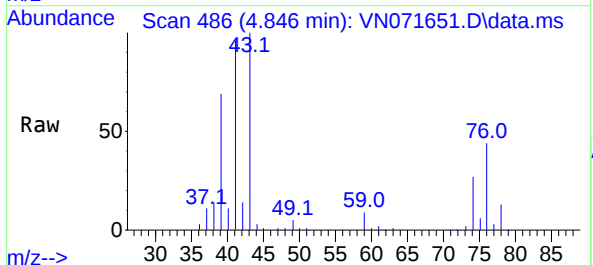
Tgt Ion: 76 Resp: 51356
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

Manual Integrations
APPROVED

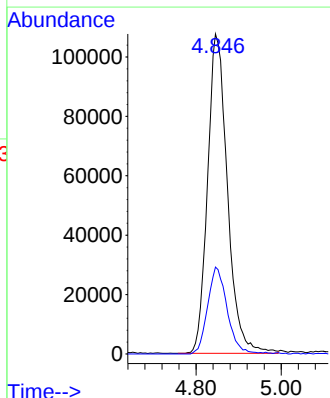
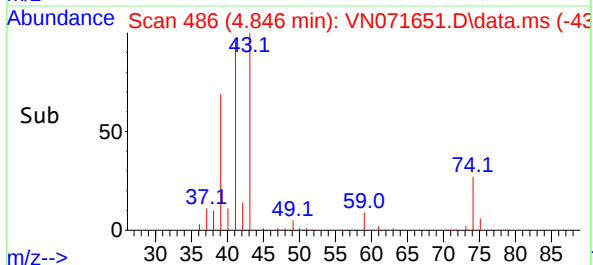
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
Methyl Acetate
Concen: 40.907 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



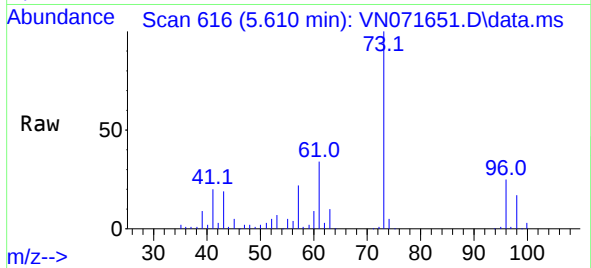
Tgt Ion: 43 Resp: 348898
Ion Ratio Lower Upper
43 100
74 26.6 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.361 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

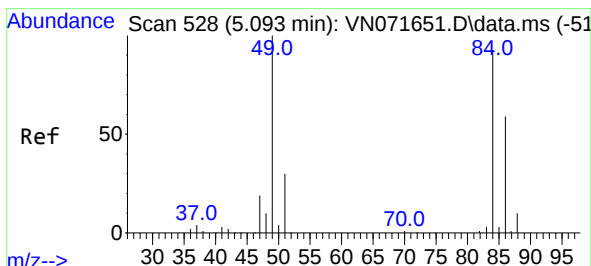
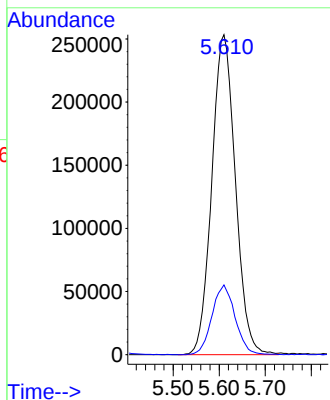
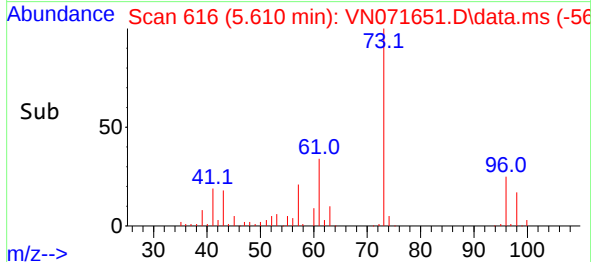
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



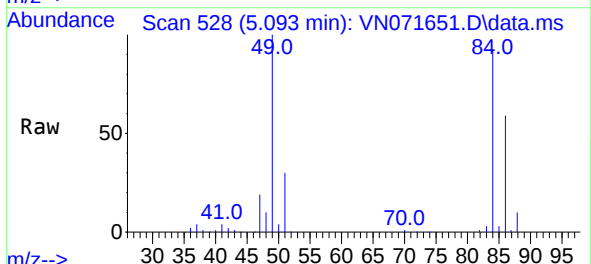
Tgt Ion: 73 Resp: 900754
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

Manual Integrations
APPROVED

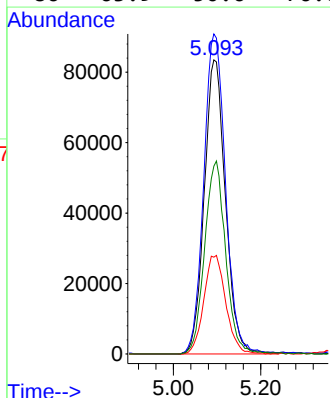
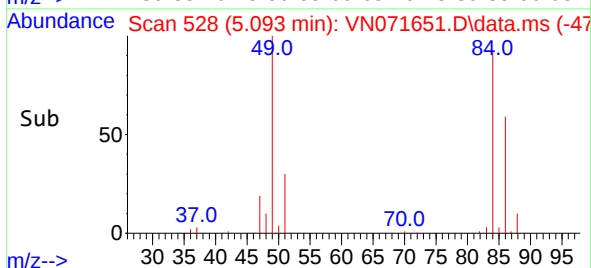
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylene Chloride
Concen: 46.555 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



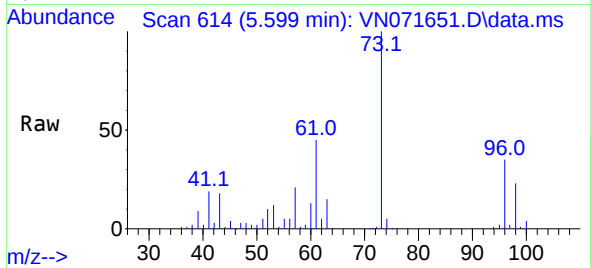
Tgt Ion: 84 Resp: 282104
Ion Ratio Lower Upper
84 100
49 108.8 88.3 132.5
51 32.9 28.2 42.2
86 63.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.070 ug/l
RT: 5.599 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

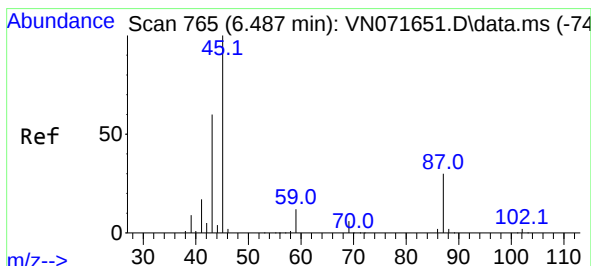
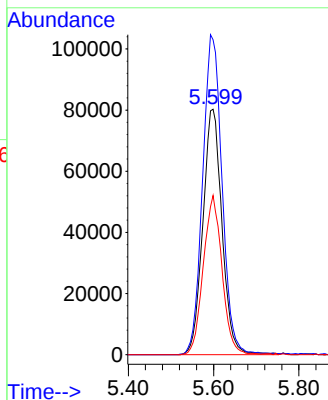
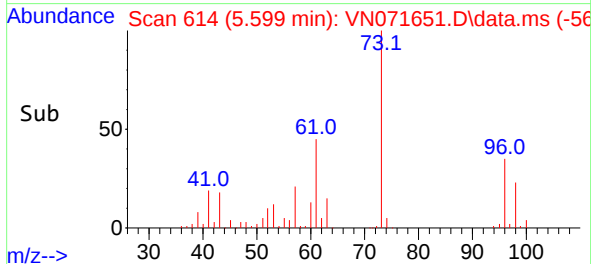
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



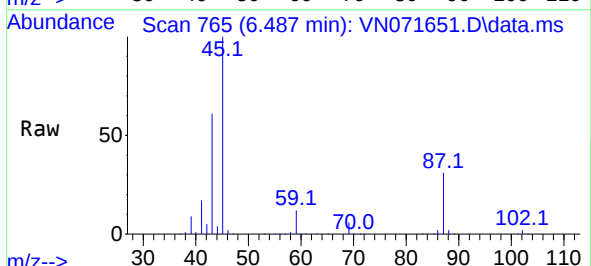
Tgt Ion: 96 Resp: 250938
Ion Ratio Lower Upper
96 100
61 128.3 105.8 158.8
98 64.9 50.3 75.5

Manual Integrations
APPROVED

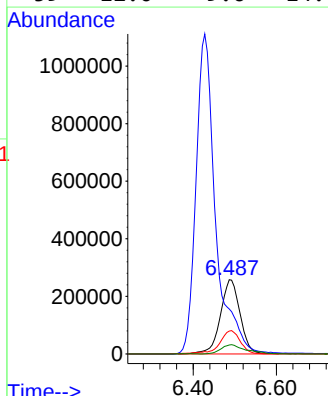
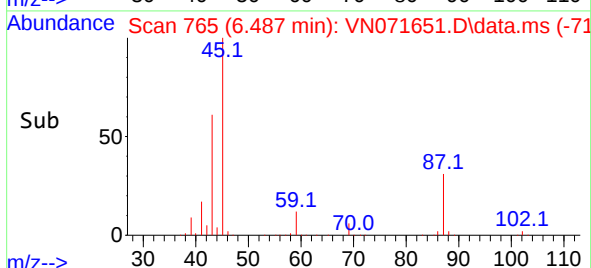
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

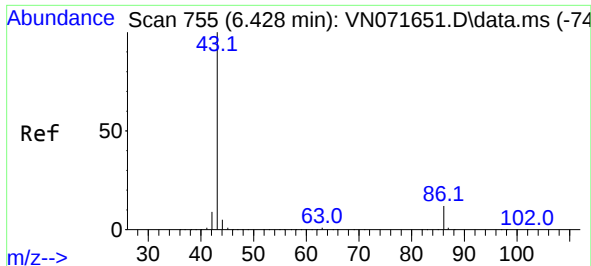


#22
Diisopropyl ether
Concen: 49.640 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



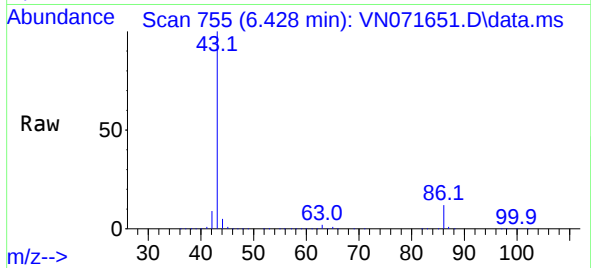
Tgt Ion: 45 Resp: 846700
Ion Ratio Lower Upper
45 100
43 59.7 46.6 70.0
87 30.7 24.3 36.5
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 254.027 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071651.D
 Acq: 30 Mar 2022 11:39

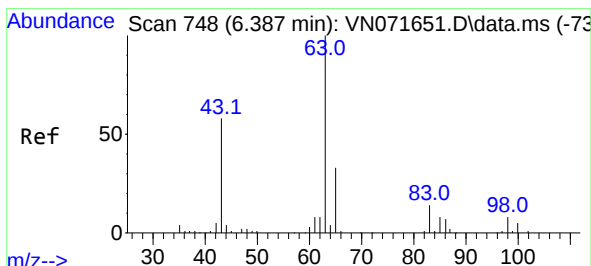
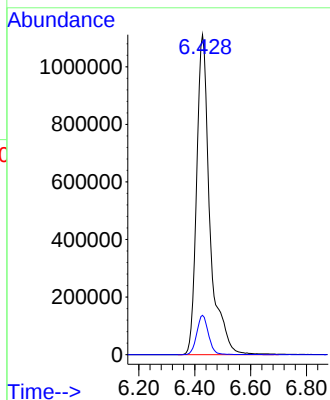
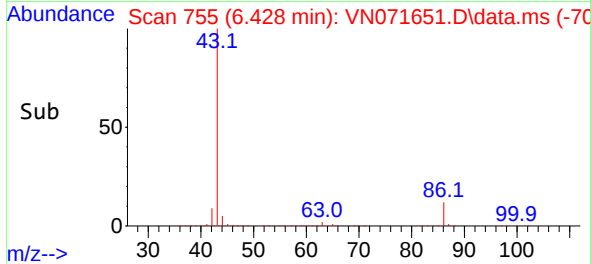
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



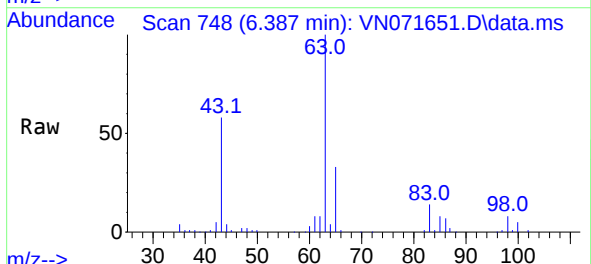
Tgt Ion: 43 Resp: 3650389
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.0 15.0

Manual Integrations
 APPROVED

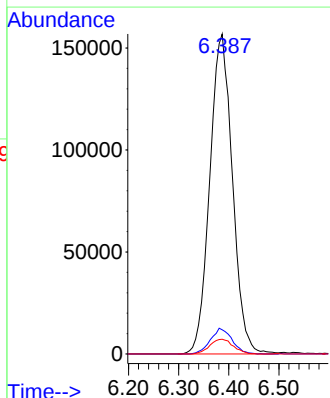
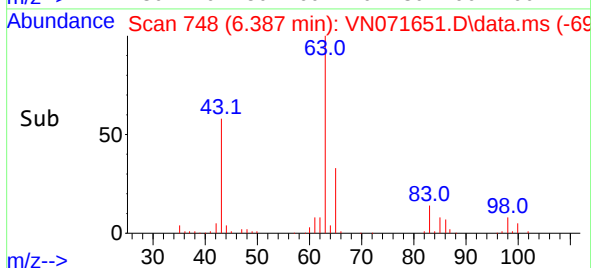
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022

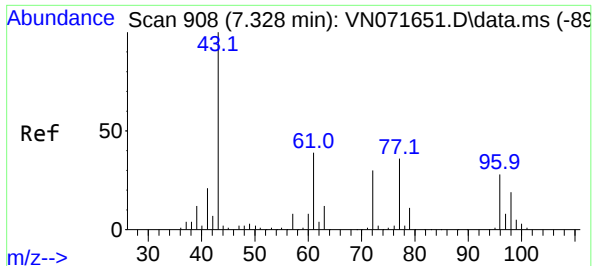


#24
 1,1-Dichloroethane
 Concen: 48.603 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071651.D
 Acq: 30 Mar 2022 11:39



Tgt Ion: 63 Resp: 492636
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 240.389 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1025439

Ion Ratio Lower Upper

43 100

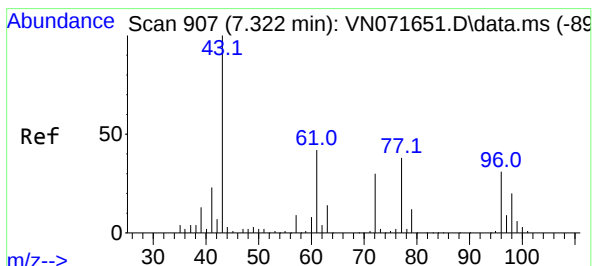
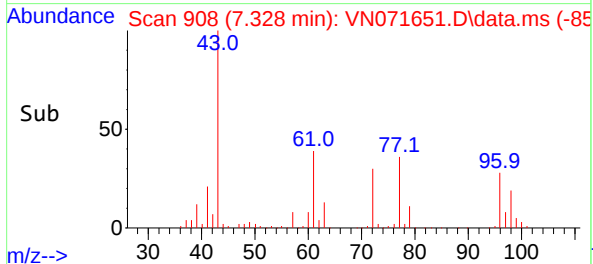
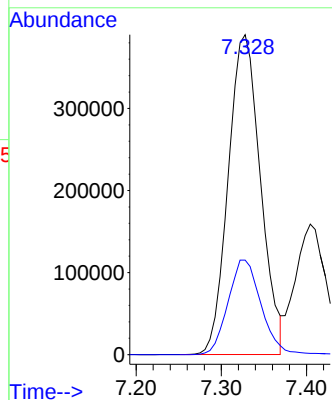
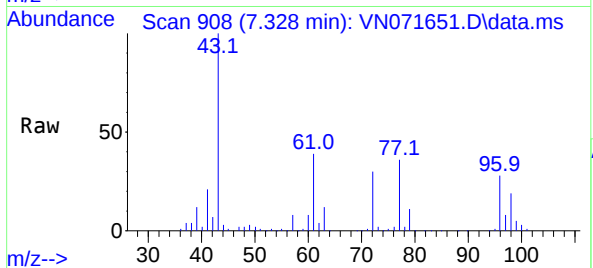
72 29.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#26

2,2-Dichloropropane

Concen: 49.102 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN071651.D

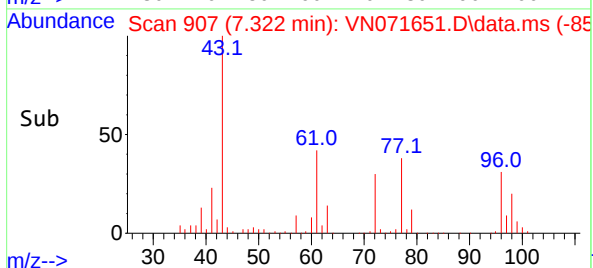
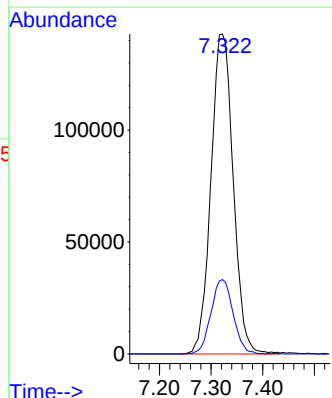
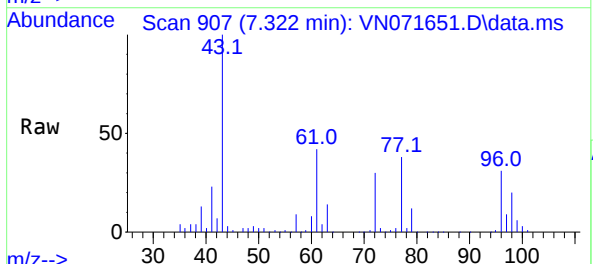
Acq: 30 Mar 2022 11:39

Tgt Ion: 77 Resp: 427887

Ion Ratio Lower Upper

77 100

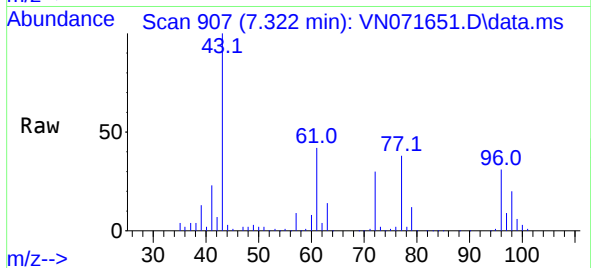
97 23.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 48.453 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN071651.D
 Acq: 30 Mar 2022 11:39

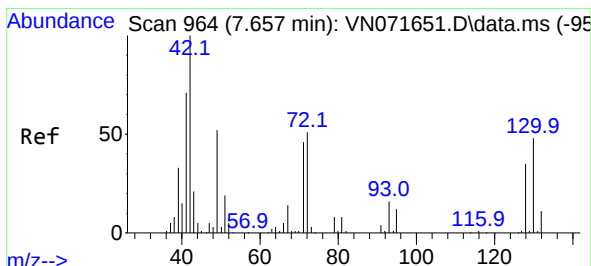
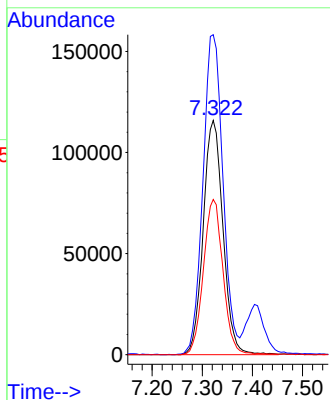
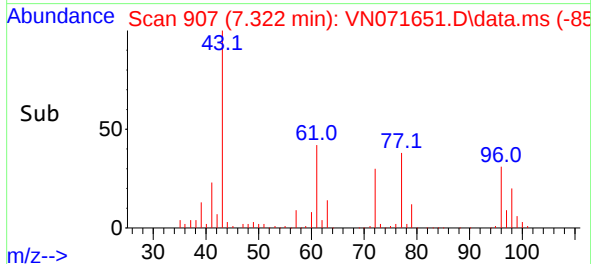
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



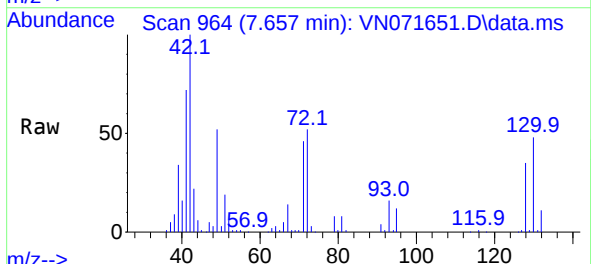
Tgt Ion: 96 Resp: 318159
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 280.6
 98 65.3 0.0 128.4

Manual Integrations
 APPROVED

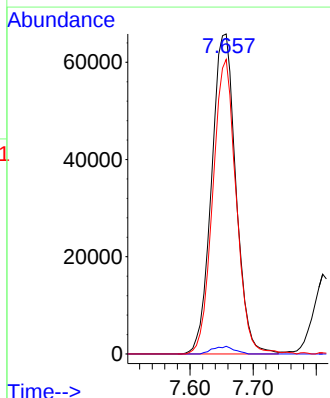
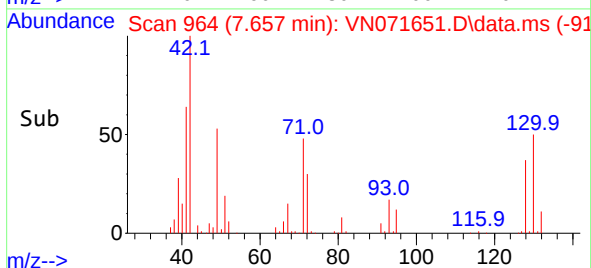
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#28
 Bromochloromethane
 Concen: 43.858 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN071651.D
 Acq: 30 Mar 2022 11:39



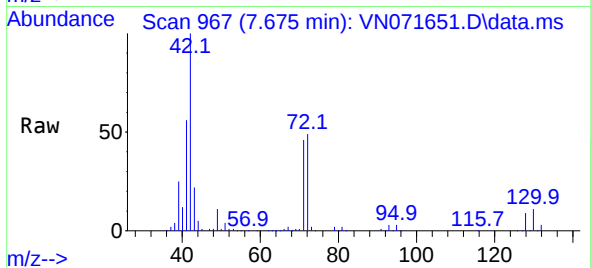
Tgt Ion: 49 Resp: 176102
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 88.4 69.7 104.5





#29
Tetrahydrofuran
Concen: 247.454 ug/l
RT: 7.675 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

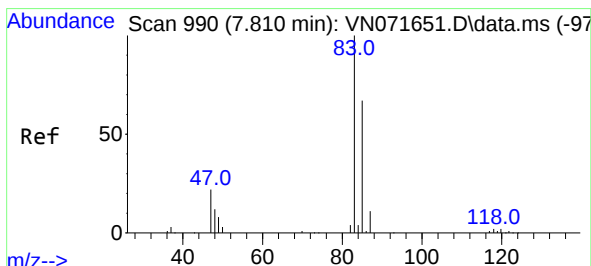
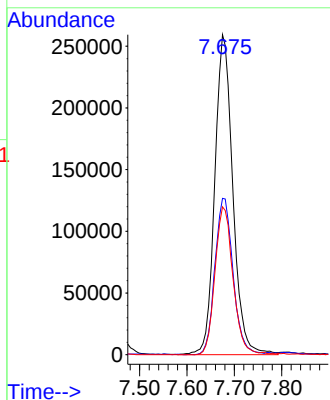
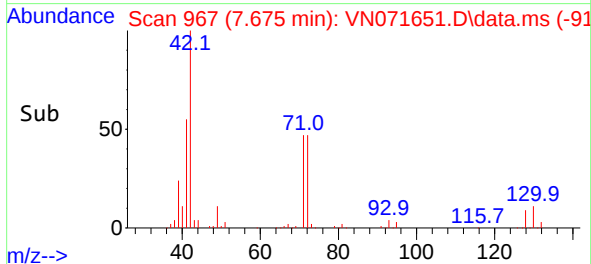
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



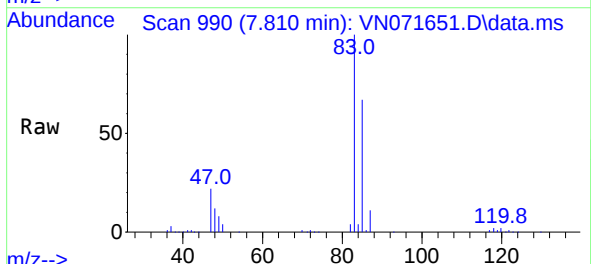
Tgt Ion: 42 Resp: 68659
Ion Ratio Lower Upper
42 100
72 49.1 39.7 59.5
71 46.2 36.6 55.0

Manual Integrations
APPROVED

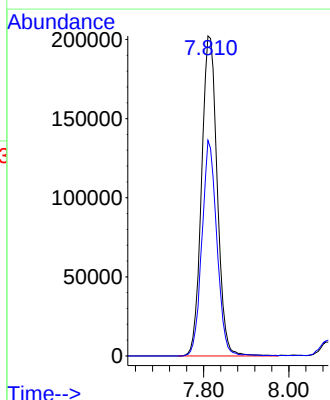
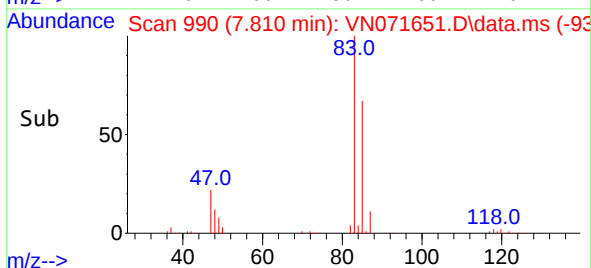
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

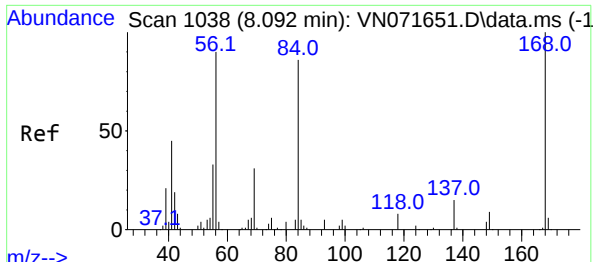


#30
Chloroform
Concen: 49.580 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



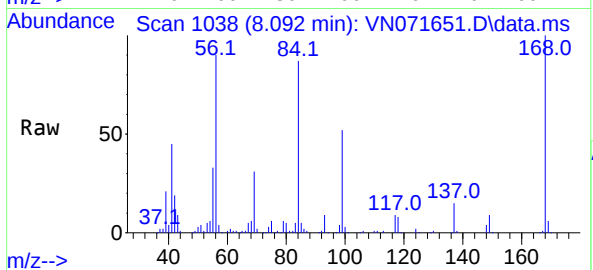
Tgt Ion: 83 Resp: 515872
Ion Ratio Lower Upper
83 100
85 67.4 51.8 77.8





#31
Cyclohexane
Concen: 44.989 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

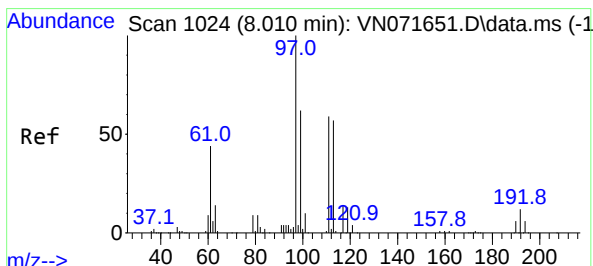
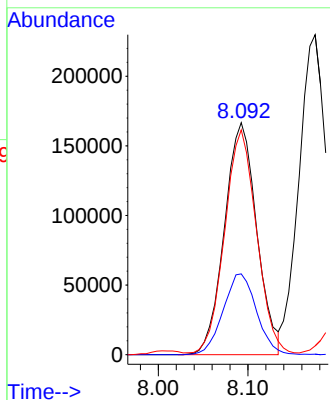
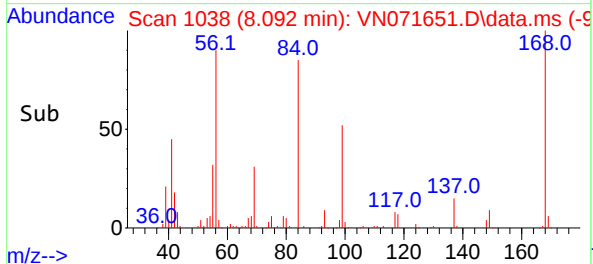
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



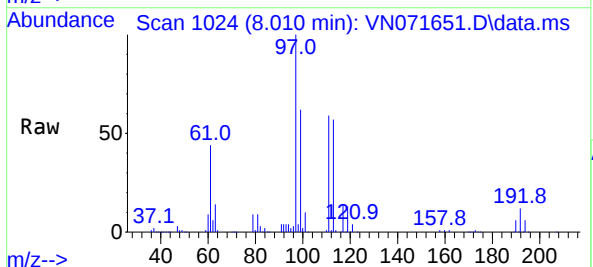
Tgt Ion: 56 Resp: 416822
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.8
84 95.6 76.9 115.3

Manual Integrations
APPROVED

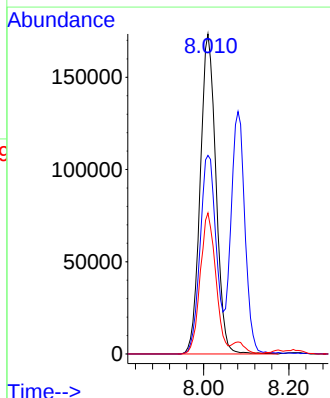
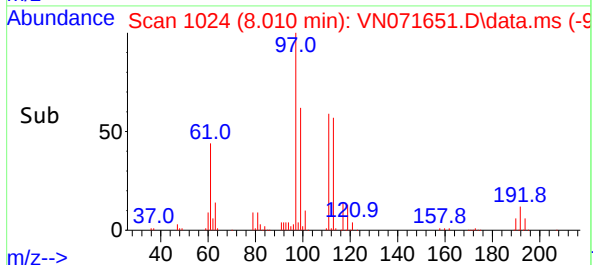
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

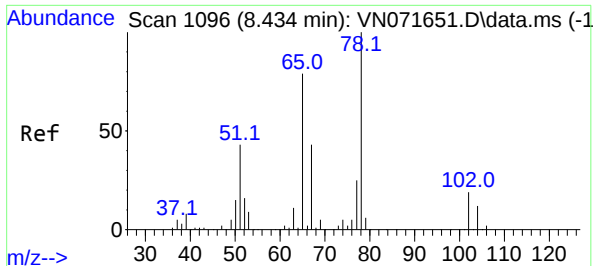


#32
1,1,1-Trichloroethane
Concen: 49.198 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



Tgt Ion: 97 Resp: 443212
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 43.7 36.0 54.0





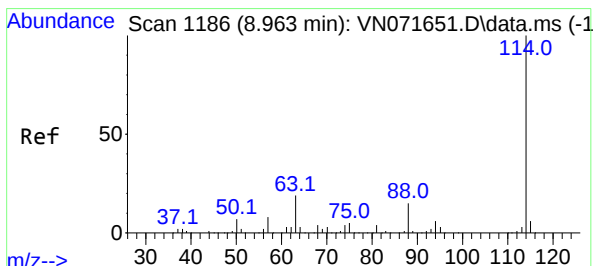
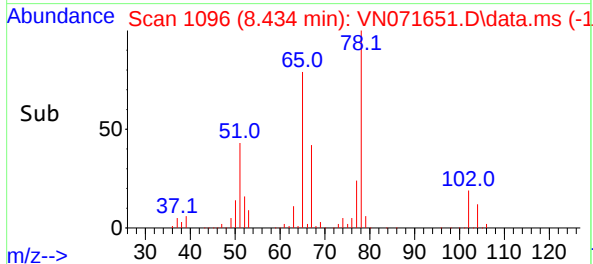
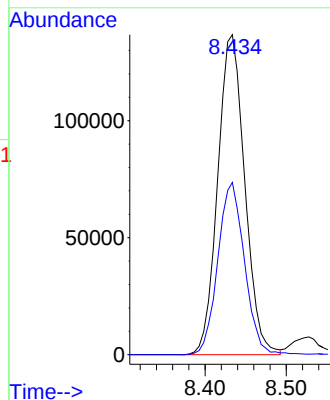
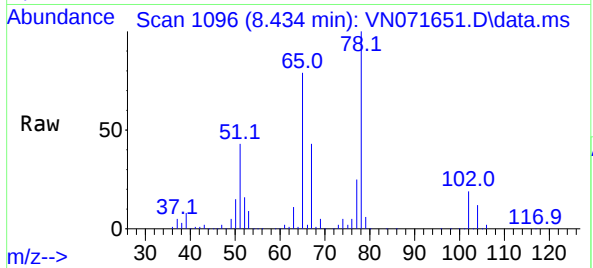
#33
1,2-Dichloroethane-d4
Concen: 47.719 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 316572
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

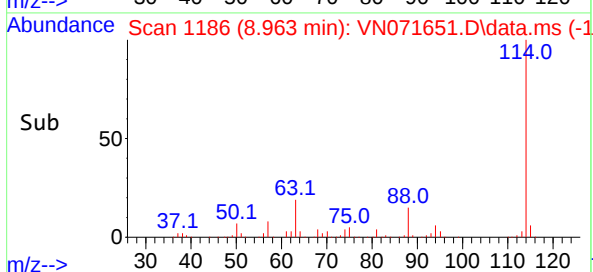
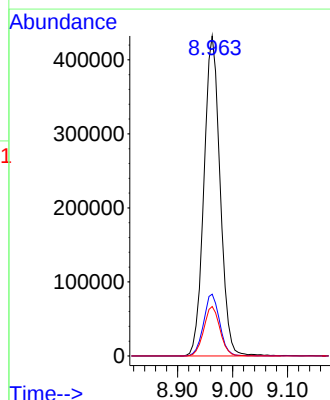
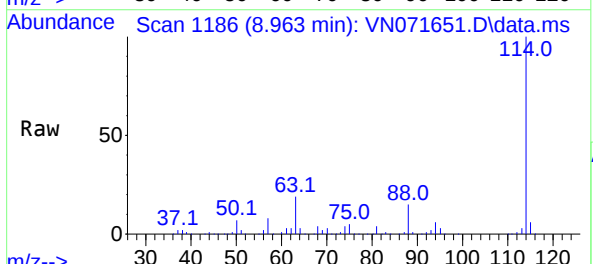
Manual Integrations
APPROVED

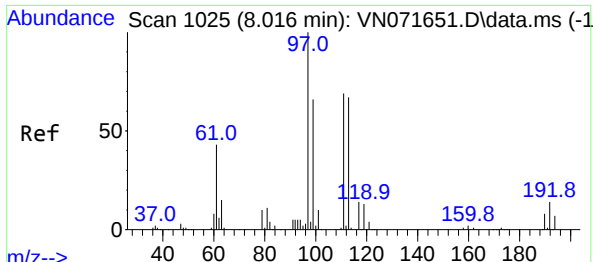
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

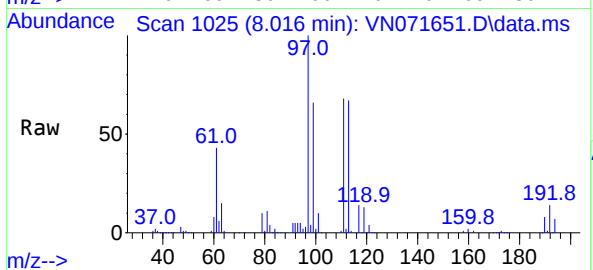
Tgt Ion:114 Resp: 881368
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

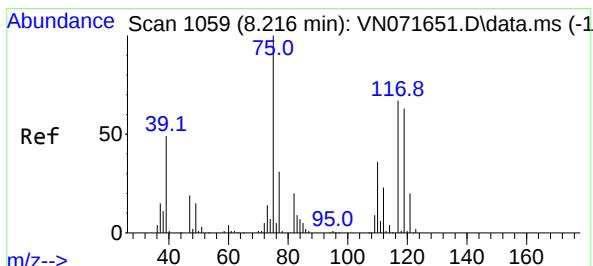
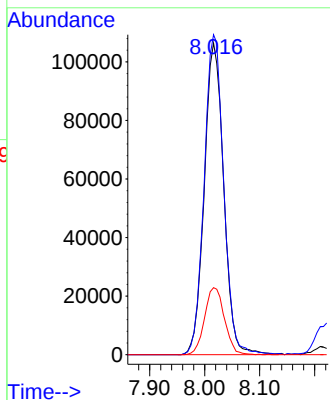
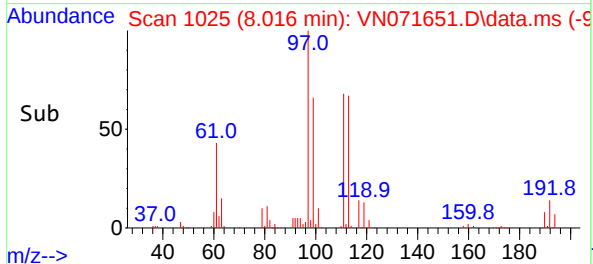
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



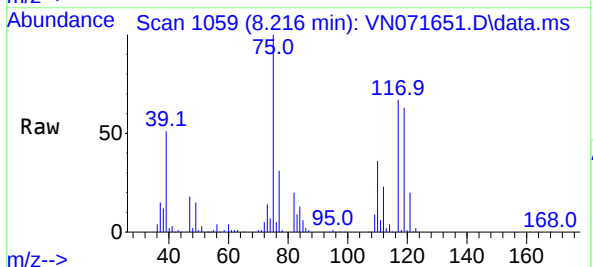
Tgt Ion: 113 Resp: 261349
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 22.0 17.0 25.6

Manual Integrations
APPROVED

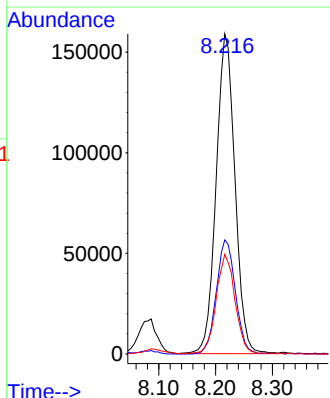
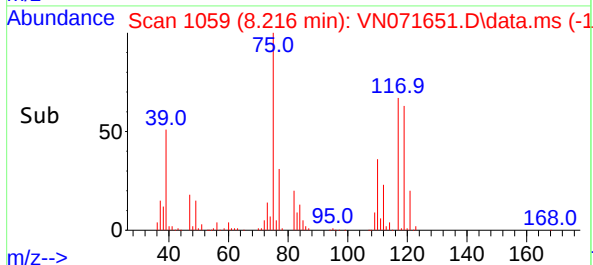
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

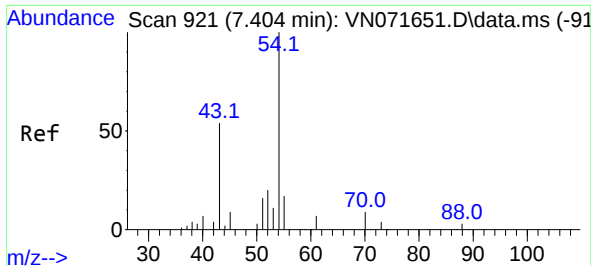


#36
1,1-Dichloropropene
Concen: 47.227 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



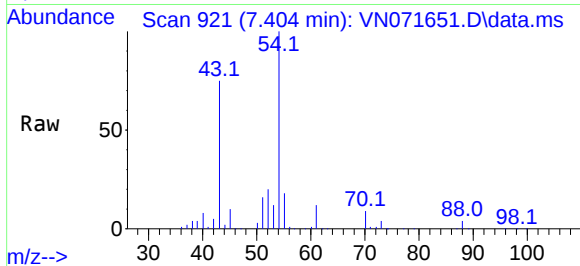
Tgt Ion: 75 Resp: 365744
Ion Ratio Lower Upper
75 100
110 36.2 18.3 54.8
77 31.6 25.1 37.7





#37
Ethyl Acetate
Concen: 49.965 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

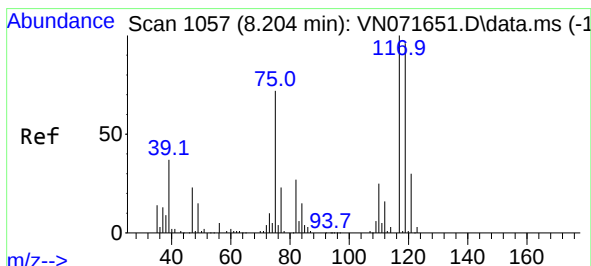
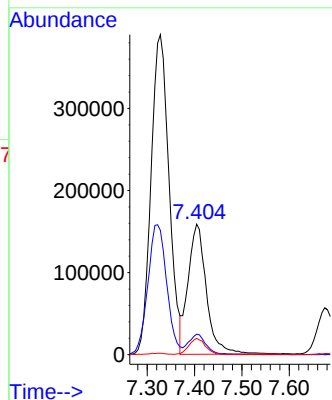
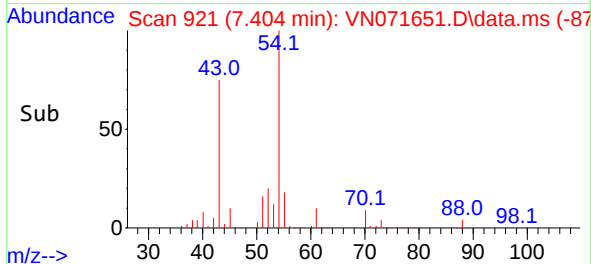
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 426100
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.6
70 11.5 9.3 13.9

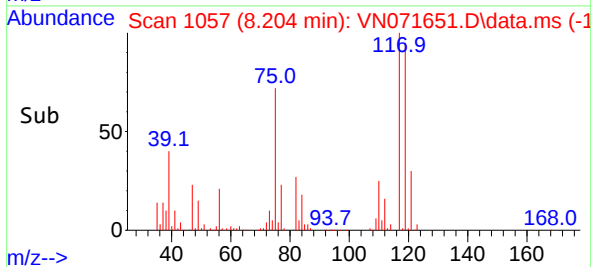
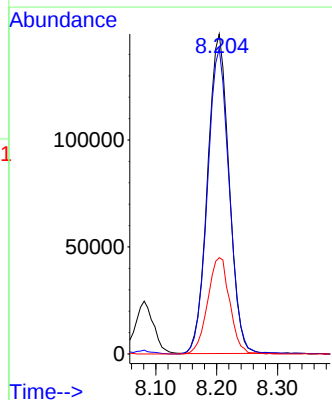
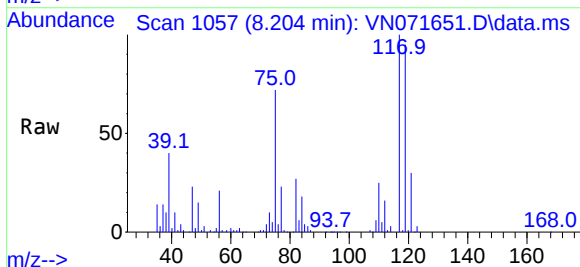
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 47.891 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion:117 Resp: 366691
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 47.602 ug/l

RT: 9.451 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

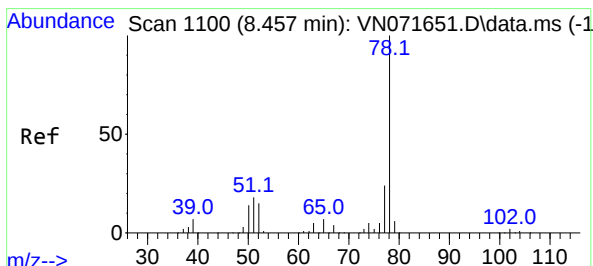
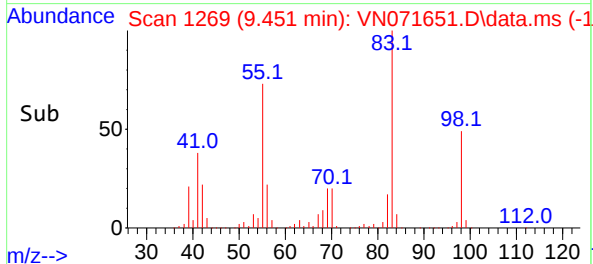
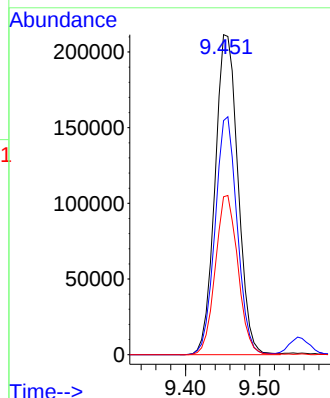
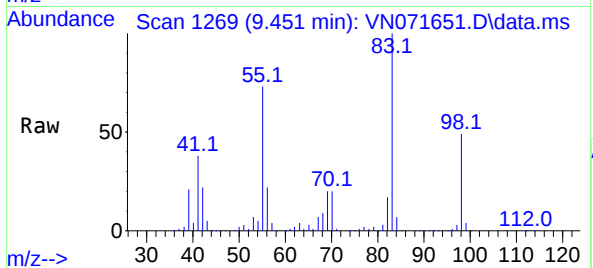
Tgt Ion: 83 Resp: 454579
 Ion Ratio Lower Upper
 83 100
 55 73.2 57.8 86.8
 98 49.4 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#40

Benzene

Concen: 48.088 ug/l

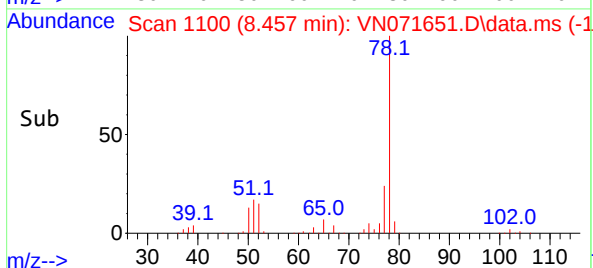
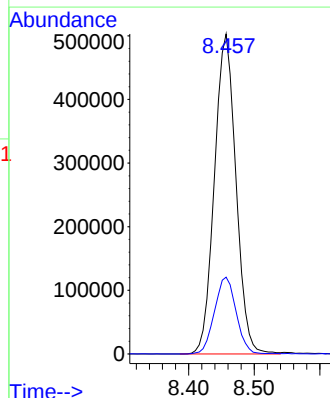
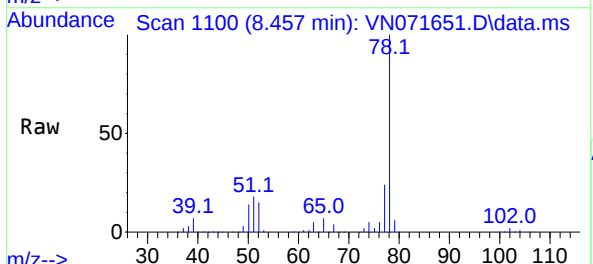
RT: 8.457 min Scan# 1100

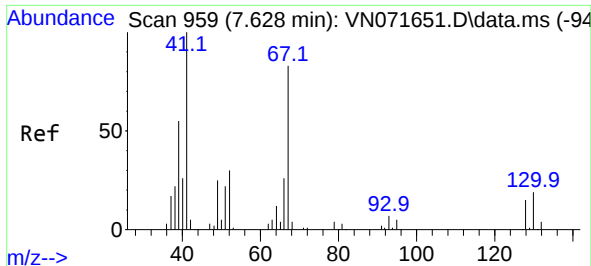
Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

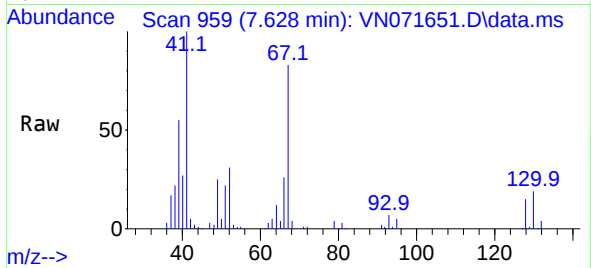
Tgt Ion: 78 Resp: 1143685
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 49.230 ug/l
RT: 7.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

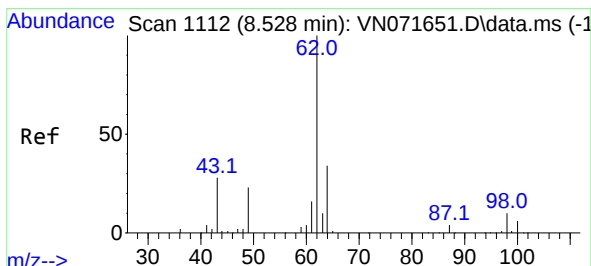
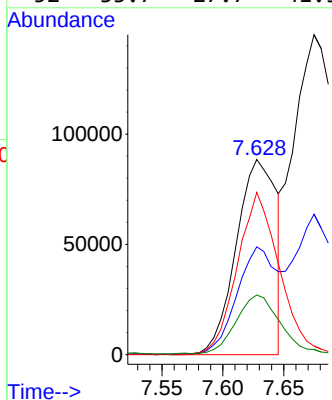
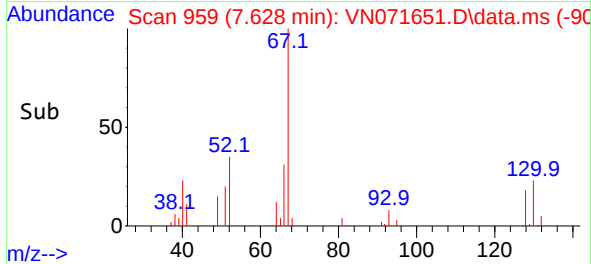
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



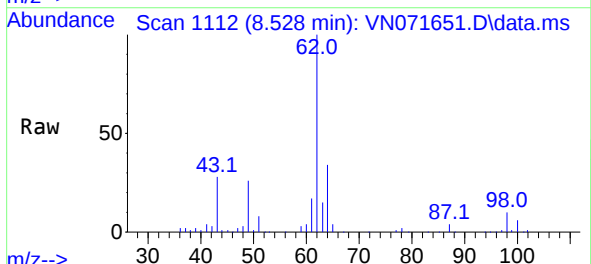
Tgt Ion: 41 Resp: 203310
Ion Ratio Lower Upper
41 100
39 53.6 48.6 73.0
67 88.9 73.4 110.2
52 33.7 27.7 41.5

Manual Integrations
APPROVED

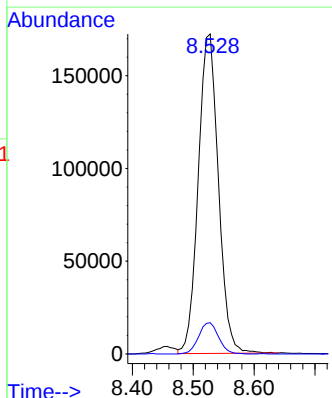
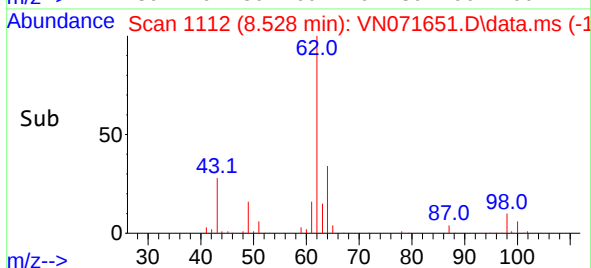
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#42
1,2-Dichloroethane
Concen: 48.205 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



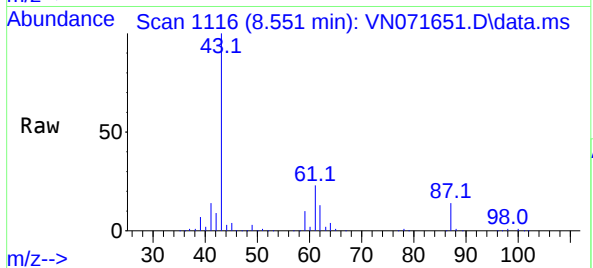
Tgt Ion: 62 Resp: 396142
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 43.096 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

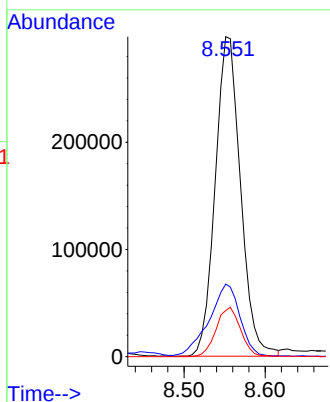
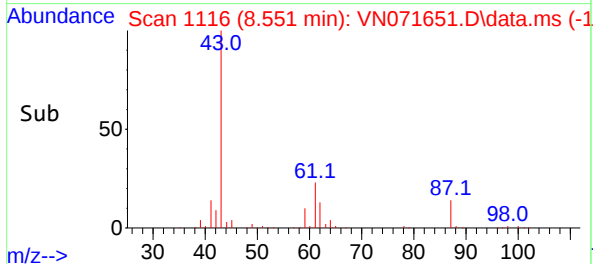
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



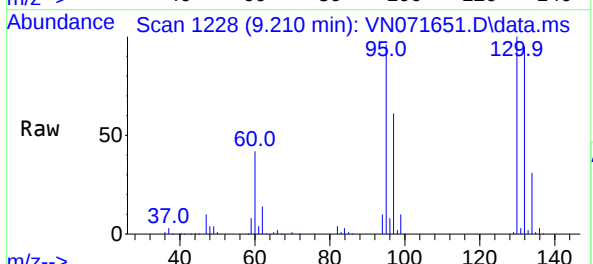
Tgt Ion: 43 Resp: 646599
Ion Ratio Lower Upper
43 100
61 27.6 21.9 32.9
87 15.0 12.0 18.0

Manual Integrations
APPROVED

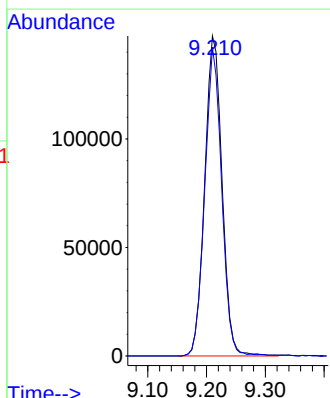
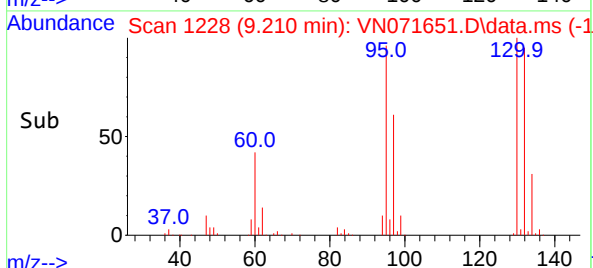
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#44
Trichloroethene
Concen: 48.365 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



Tgt Ion:130 Resp: 303157
Ion Ratio Lower Upper
130 100
95 96.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.378 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 28999

Ion Ratio Lower Upper

63 100

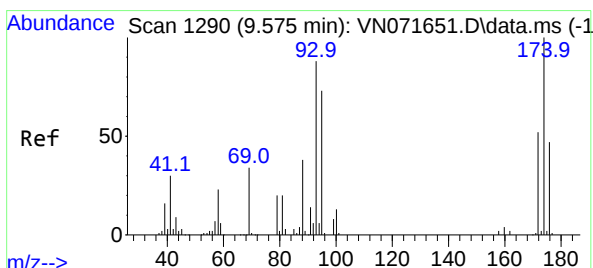
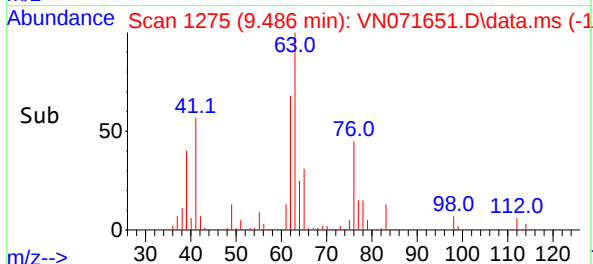
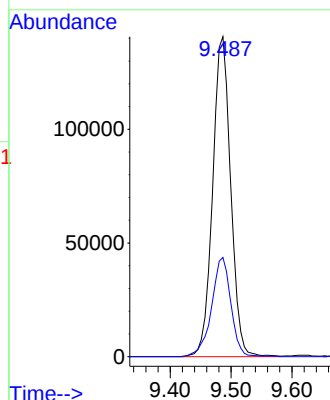
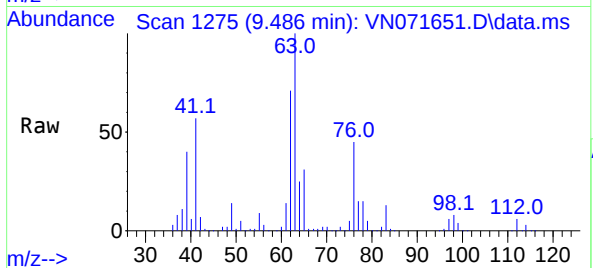
65 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

Dibromomethane

Concen: 49.149 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

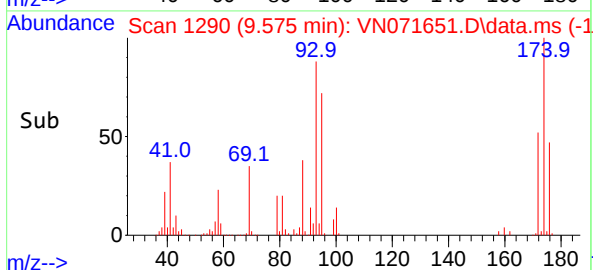
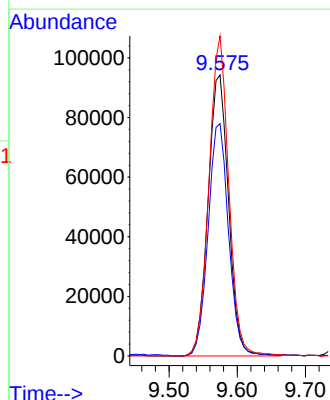
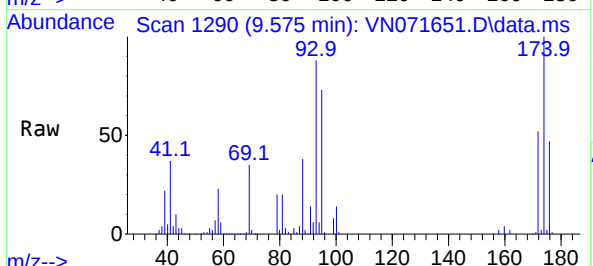
Tgt Ion: 93 Resp: 197403

Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

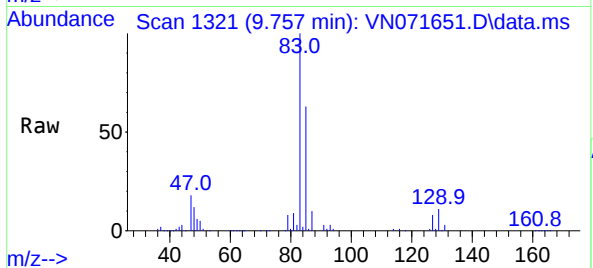
174 110.2 86.6 130.0





#47
Bromodichloromethane
Concen: 50.916 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

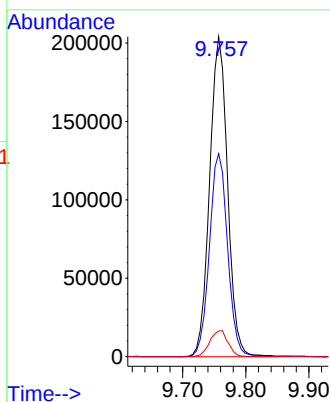
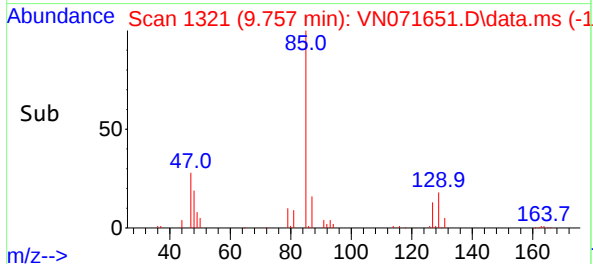
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



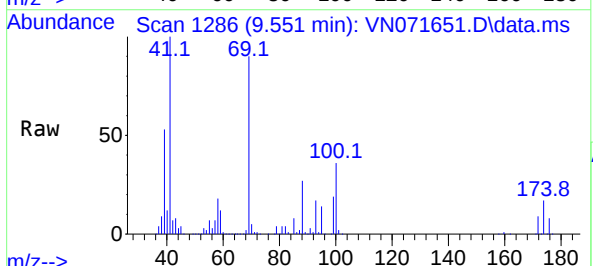
Tgt Ion: 83 Resp: 403092
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 8.0 6.8 10.2

Manual Integrations
APPROVED

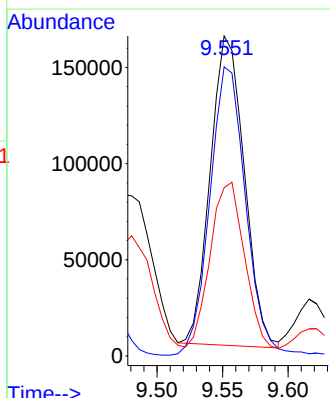
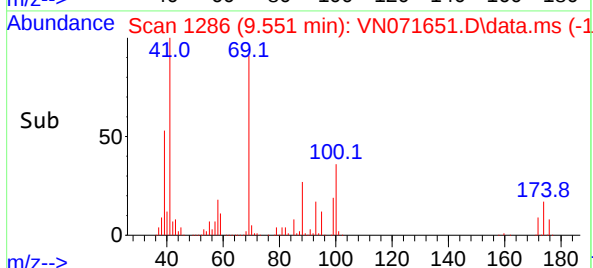
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

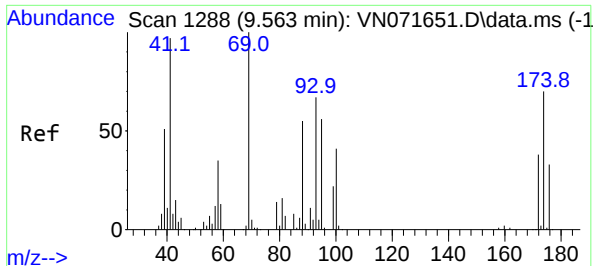


#48
Methyl methacrylate
Concen: 47.924 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



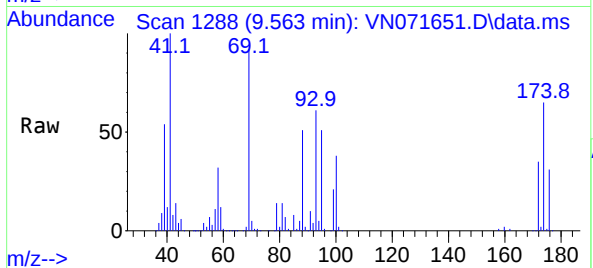
Tgt Ion: 41 Resp: 289848
Ion Ratio Lower Upper
41 100
69 98.6 74.7 112.1
39 59.2 45.6 68.4





#49
1,4-Dioxane
Concen: 979.953 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

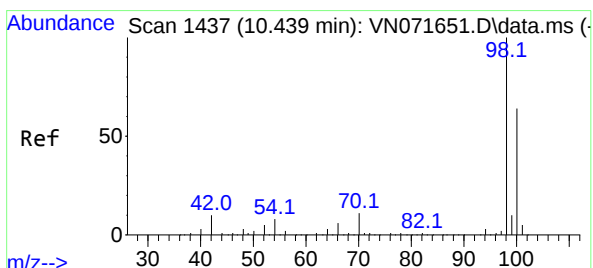
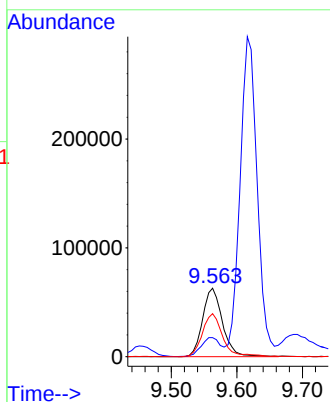
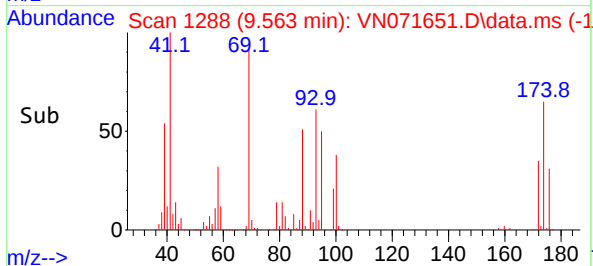
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 132135
Ion Ratio Lower Upper
88 100
43 27.1 20.2 30.4
58 65.2 54.2 81.4

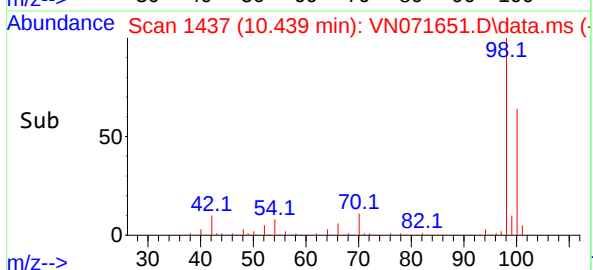
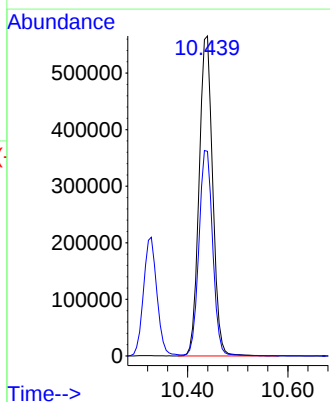
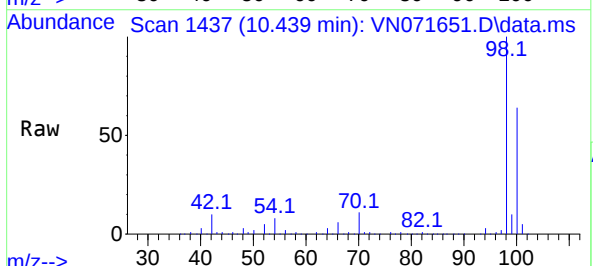
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#50
Toluene-d8
Concen: 48.113 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

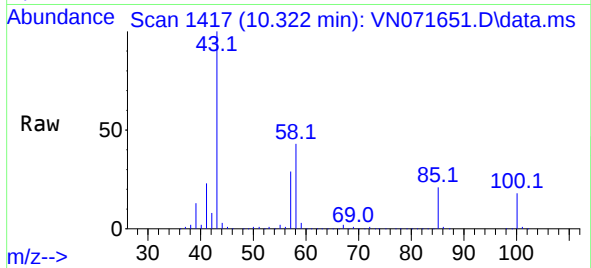
Tgt Ion: 98 Resp: 1065116
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 249.809 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

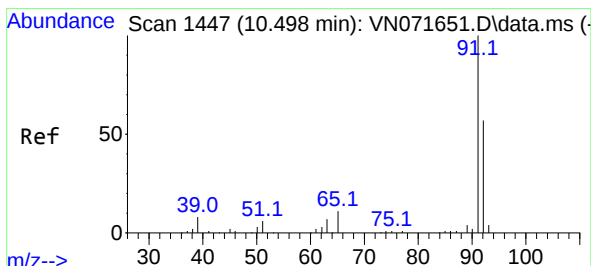
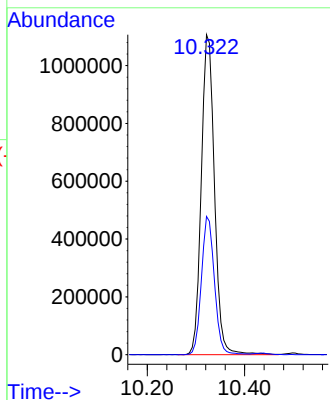
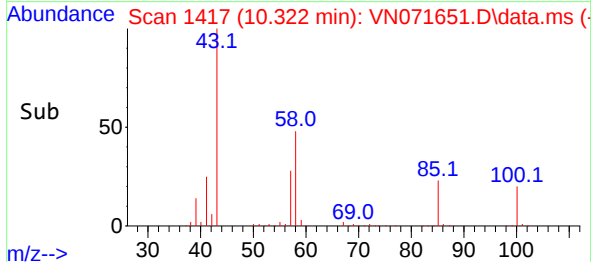
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



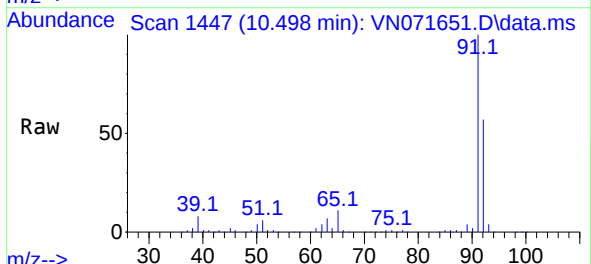
Tgt Ion: 43 Resp: 2078434
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

Manual Integrations
APPROVED

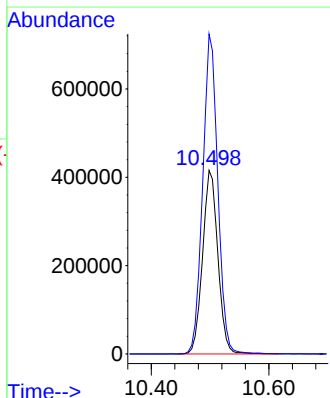
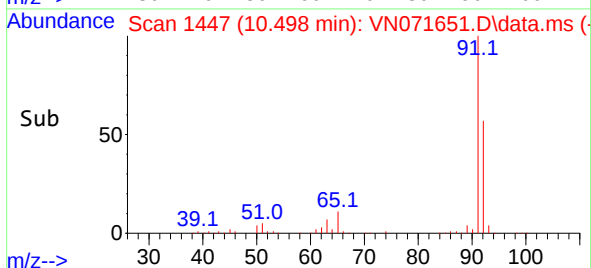
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

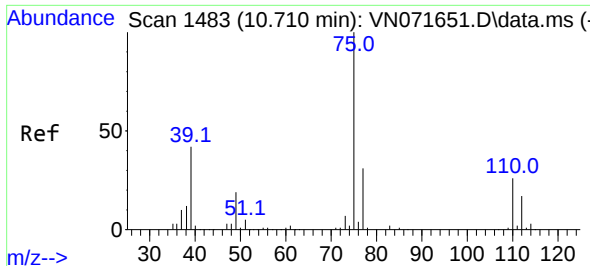


#52
Toluene
Concen: 48.955 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



Tgt Ion: 92 Resp: 750456
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8





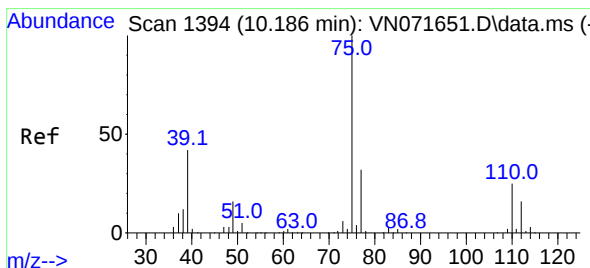
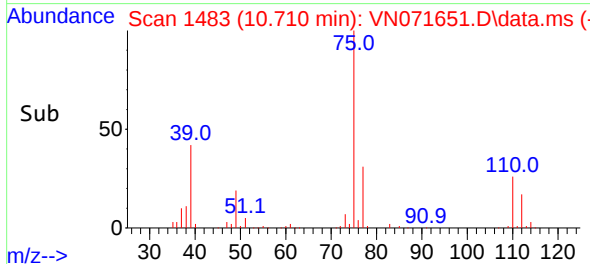
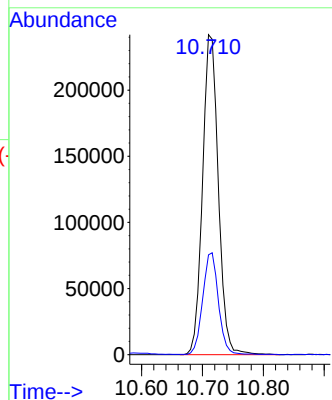
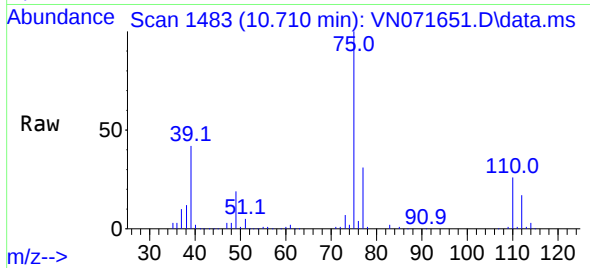
#53
t-1,3-Dichloropropene
Concen: 50.687 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 436515
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

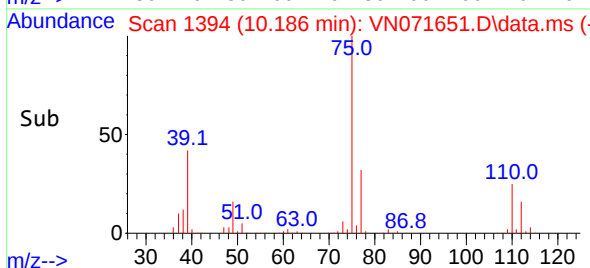
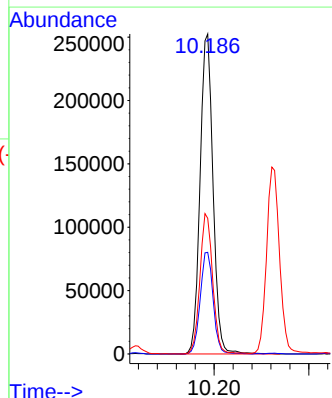
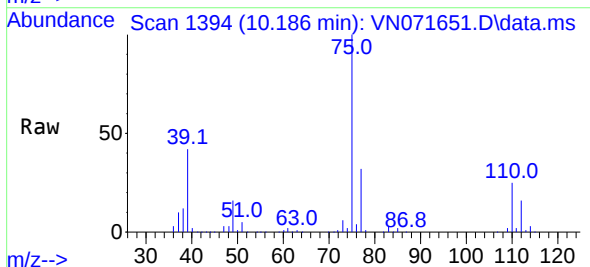
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#54
cis-1,3-Dichloropropene
Concen: 51.090 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

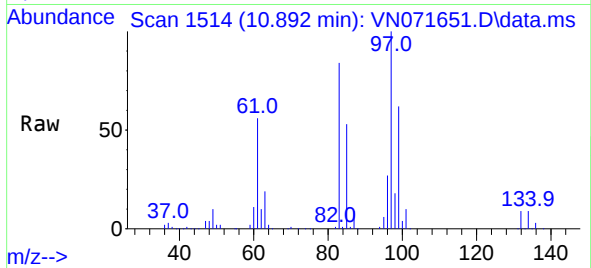
Tgt Ion: 75 Resp: 478366
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 42.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.207 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

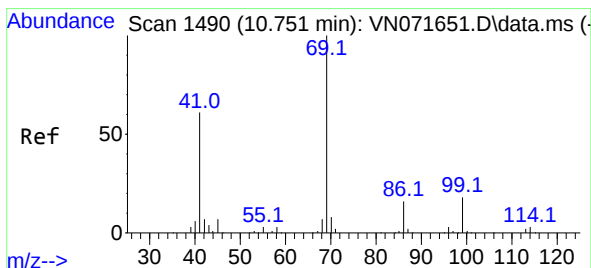
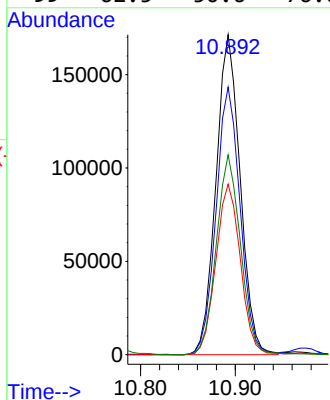
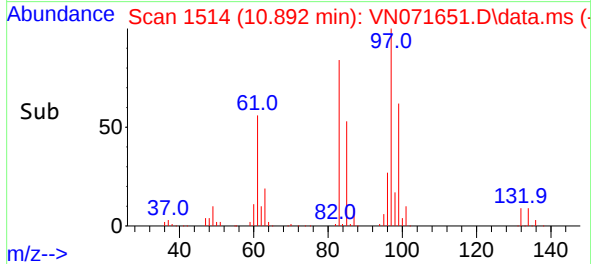
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



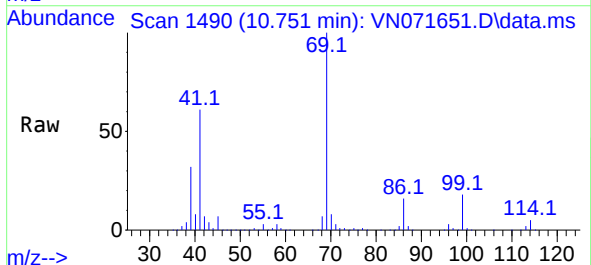
Tgt Ion: 97 Resp: 304649
Ion Ratio Lower Upper
97 100
83 83.6 66.2 99.4
85 53.3 43.9 65.9
99 62.5 50.6 76.0

Manual Integrations
APPROVED

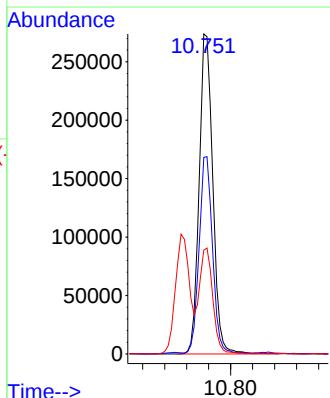
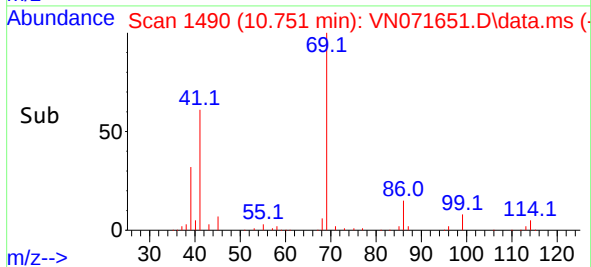
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

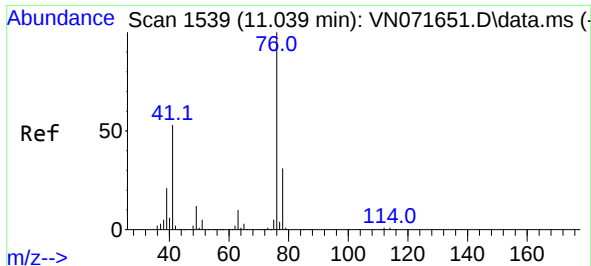


#56
Ethyl methacrylate
Concen: 51.197 ug/l
RT: 10.751 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



Tgt Ion: 69 Resp: 472056
Ion Ratio Lower Upper
69 100
41 60.1 47.8 71.6
39 32.7 27.3 40.9





#57

1,3-Dichloropropane

Concen: 49.481 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 51059

Ion Ratio Lower Upper

76 100

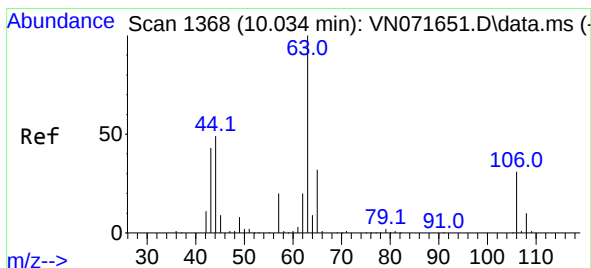
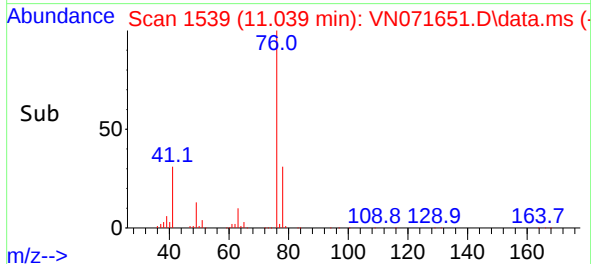
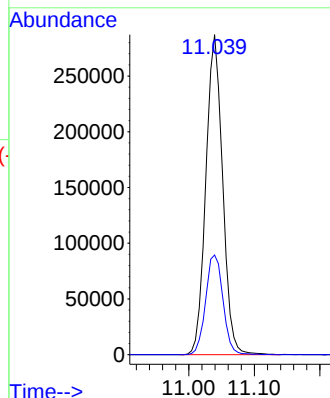
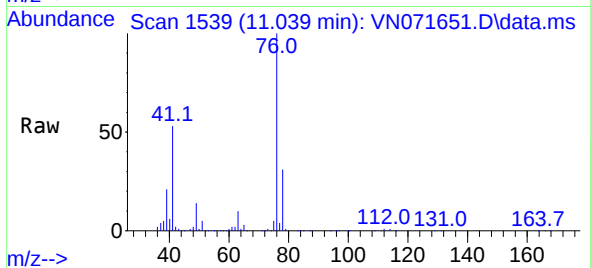
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 260.640 ug/l

RT: 10.034 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071651.D

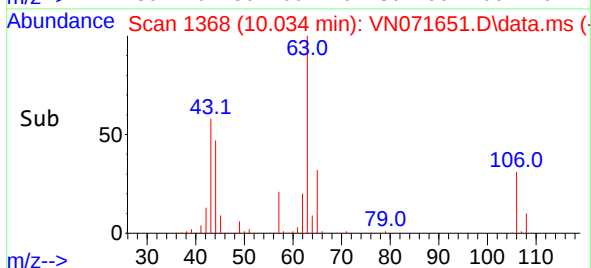
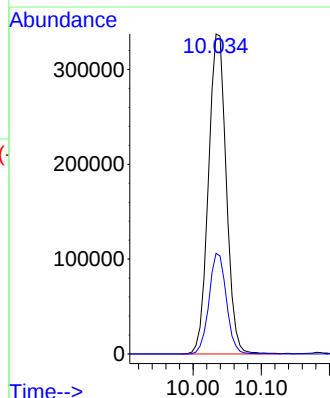
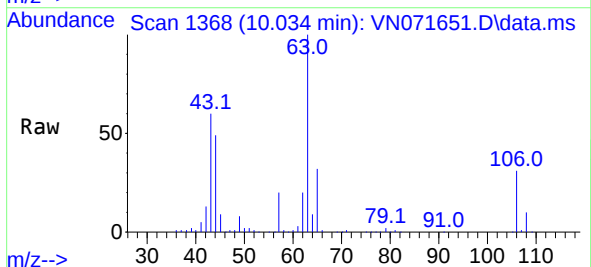
Acq: 30 Mar 2022 11:39

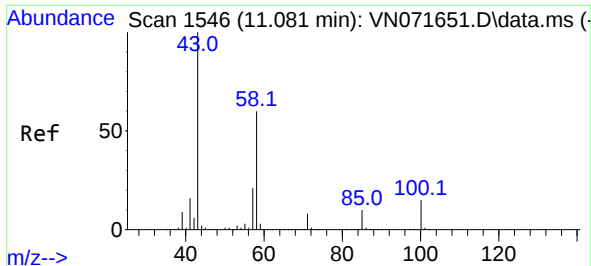
Tgt Ion: 63 Resp: 612440

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8





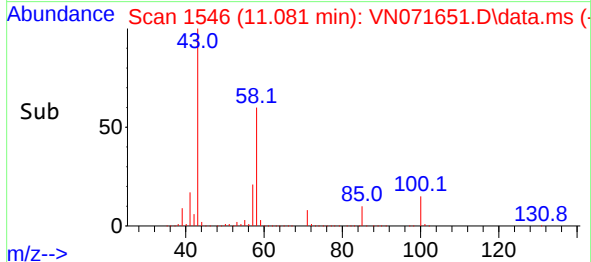
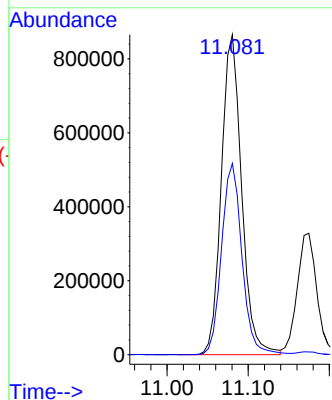
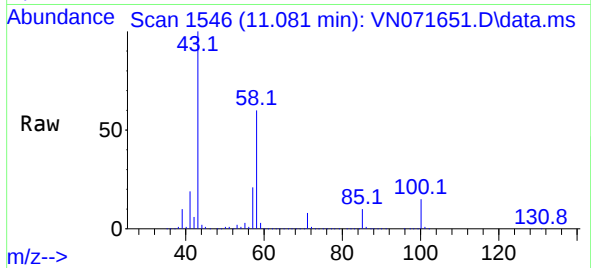
#59
2-Hexanone
Concen: 252.878 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 150325
Ion Ratio Lower Upper
43 100
58 60.2 29.7 89.1

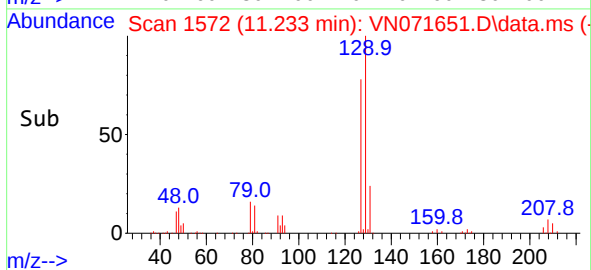
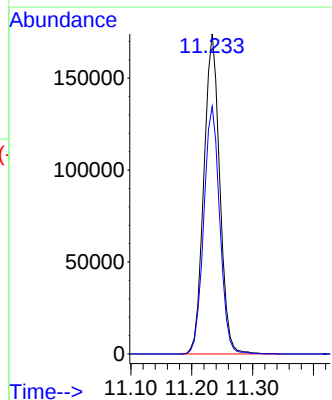
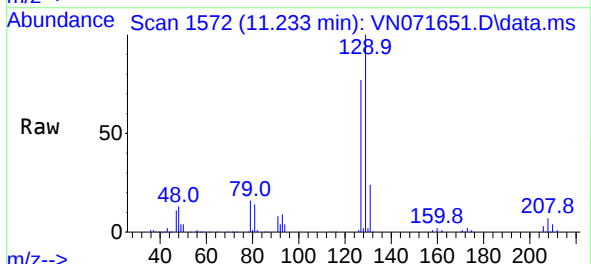
Manual Integrations
APPROVED

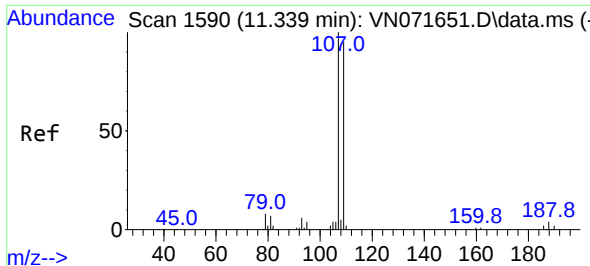
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
Dibromochloromethane
Concen: 50.943 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion:129 Resp: 315361
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





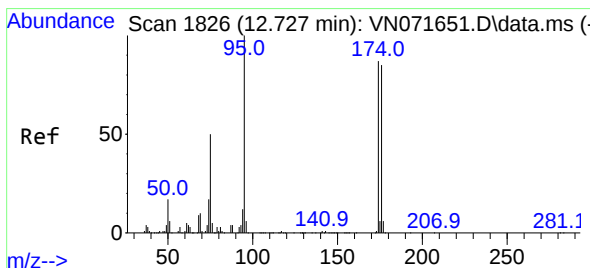
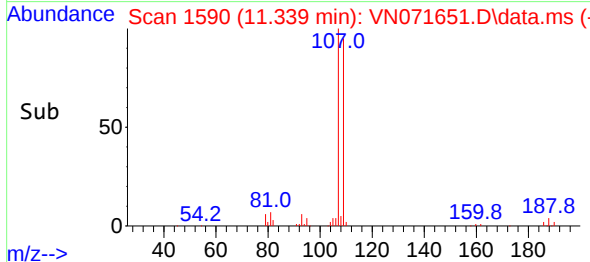
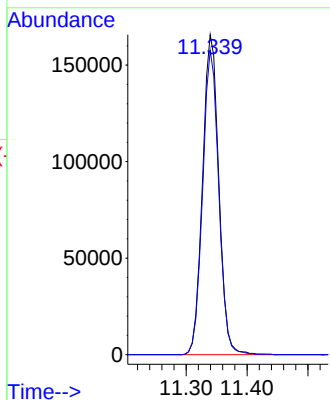
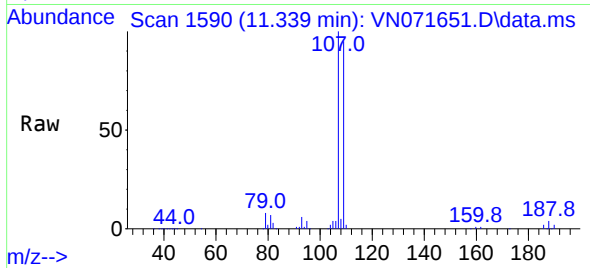
#61
1,2-Dibromoethane
Concen: 49.135 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 306760
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

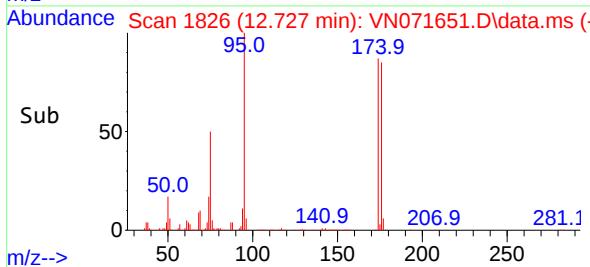
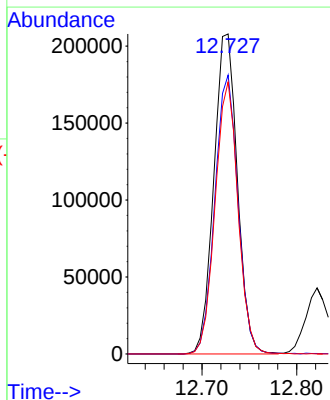
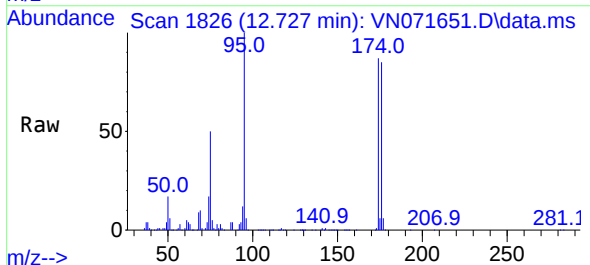
Manual Integrations
APPROVED

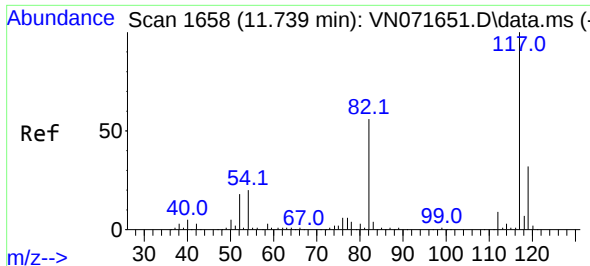
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#62
4-Bromofluorobenzene
Concen: 49.621 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

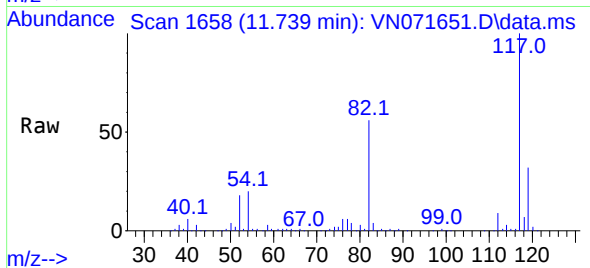
Tgt Ion: 95 Resp: 359264
Ion Ratio Lower Upper
95 100
174 85.6 0.0 167.6
176 82.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

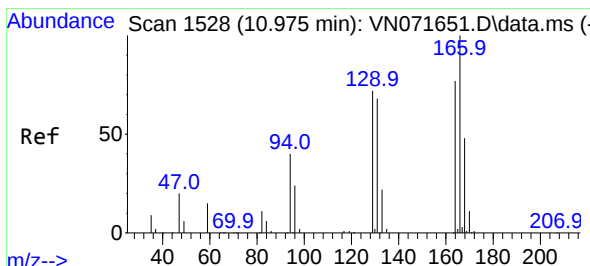
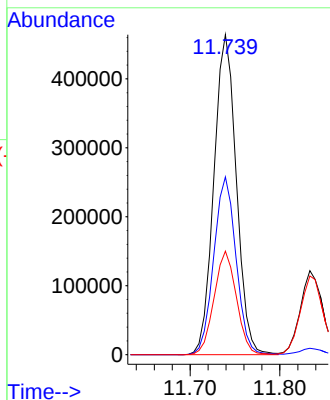
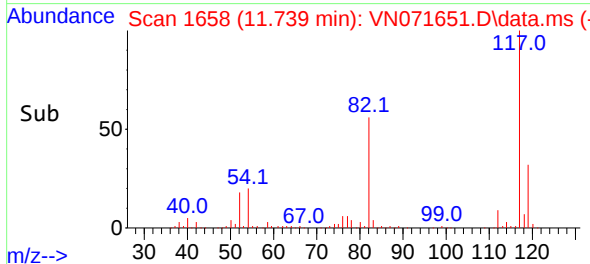
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



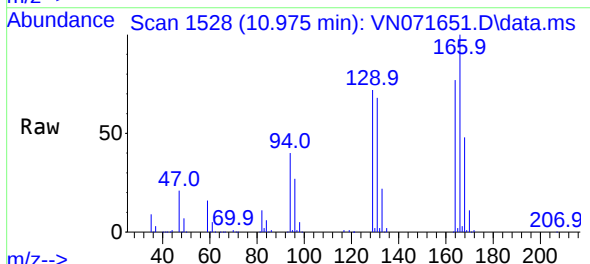
Tgt Ion:117 Resp: 806419
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
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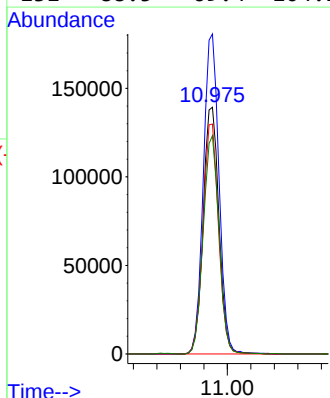
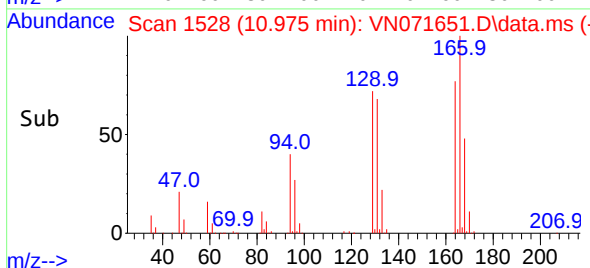
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

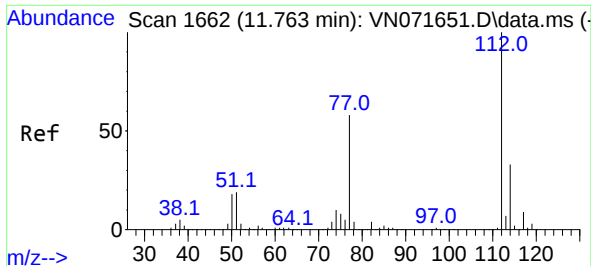


#64
Tetrachloroethene
Concen: 46.800 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



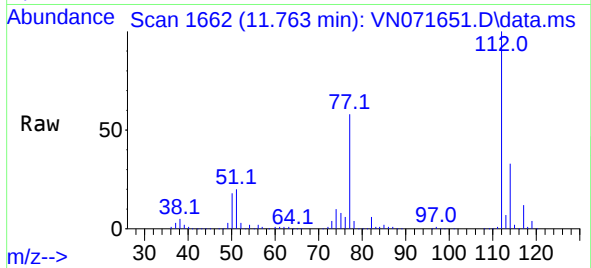
Tgt Ion:164 Resp: 259815
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.2
129 93.2 73.9 110.9
131 88.5 69.4 104.2





#65
Chlorobenzene
Concen: 48.402 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

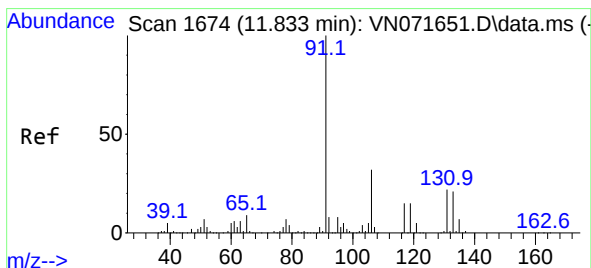
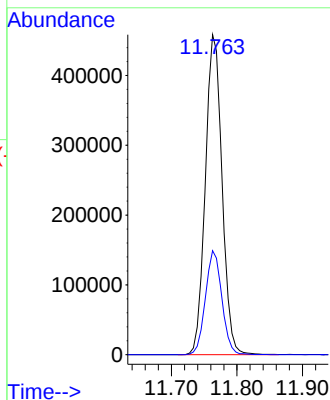
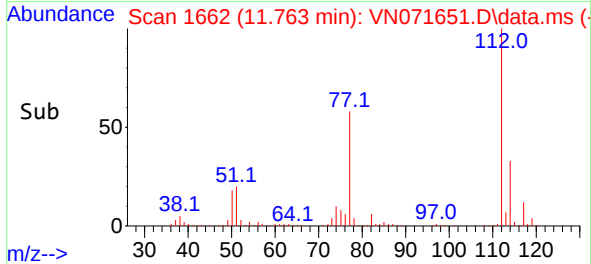
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



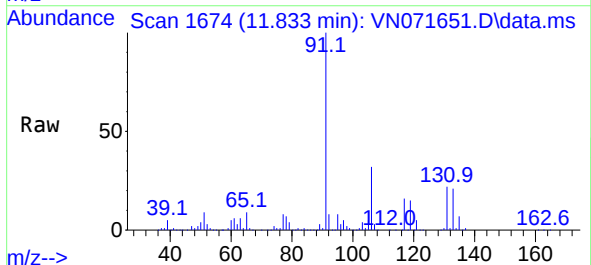
Tgt Ion:112 Resp: 812898
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

Manual Integrations
APPROVED

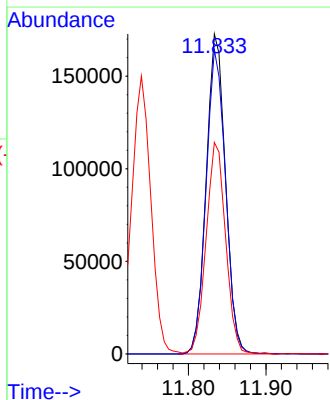
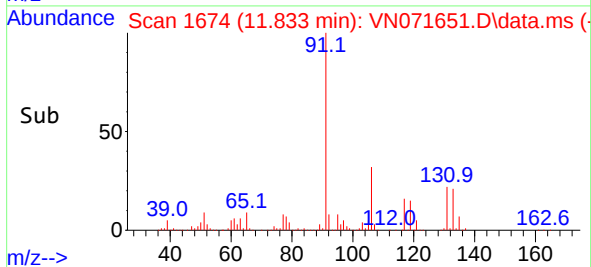
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

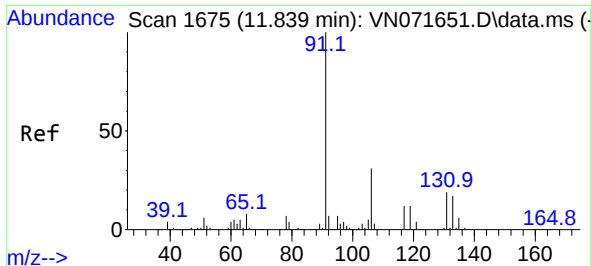


#66
1,1,1,2-Tetrachloroethane
Concen: 49.636 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



Tgt Ion:131 Resp: 298752
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 67.0 33.4 100.2





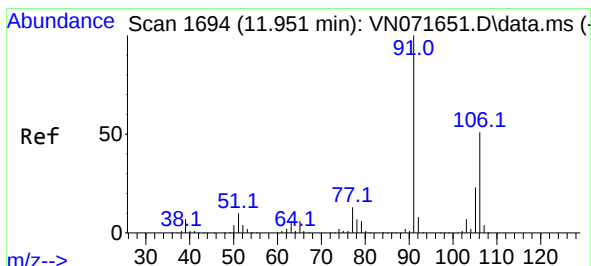
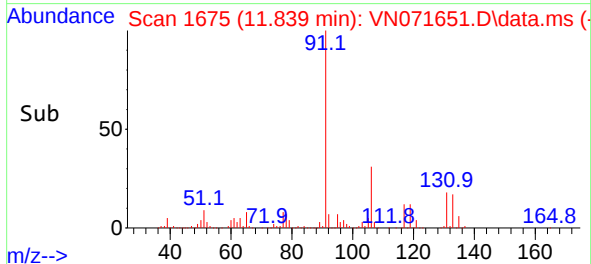
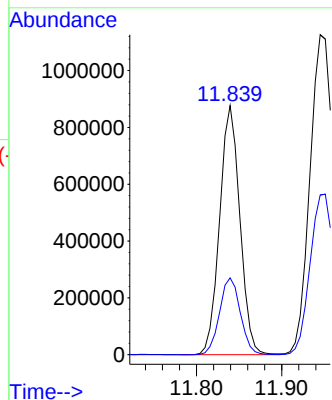
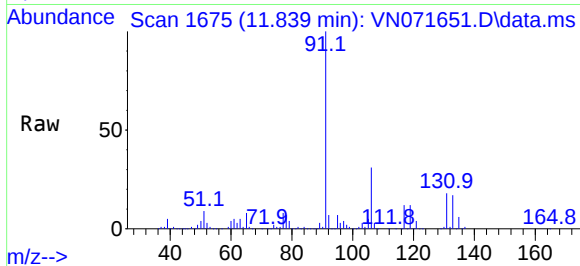
#67
Ethyl Benzene
Concen: 50.008 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 144811
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

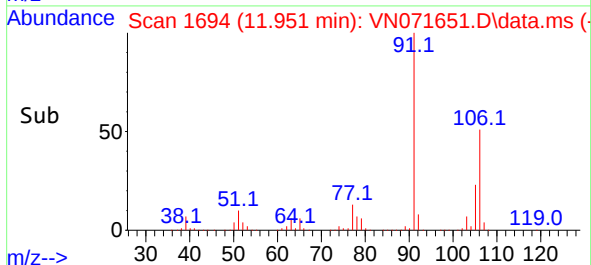
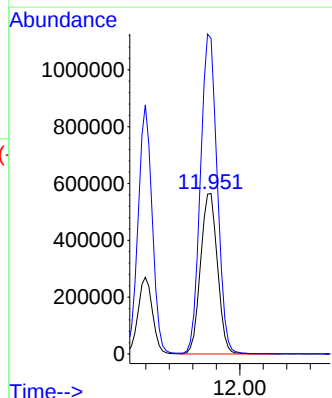
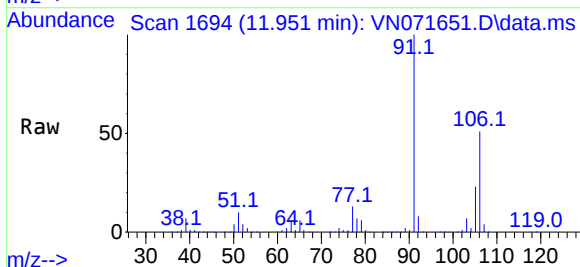
Manual Integrations
APPROVED

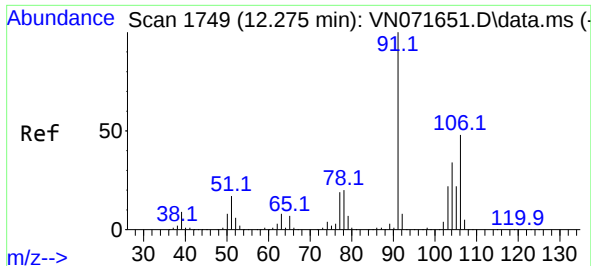
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#68
m/p-Xylenes
Concen: 102.215 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion:106 Resp: 1126601
Ion Ratio Lower Upper
106 100
91 197.7 158.9 238.3





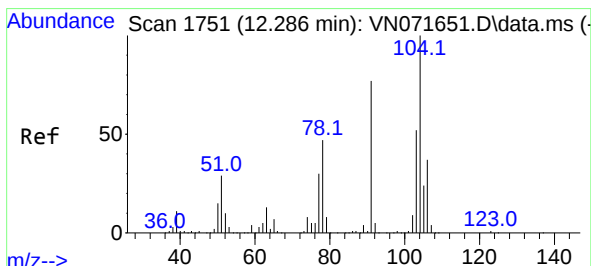
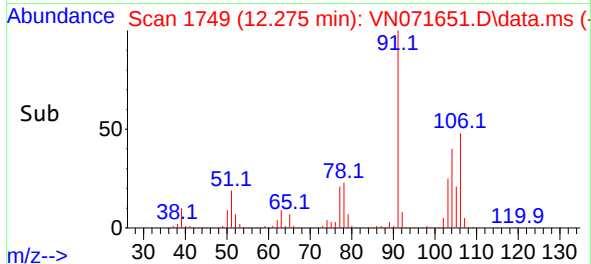
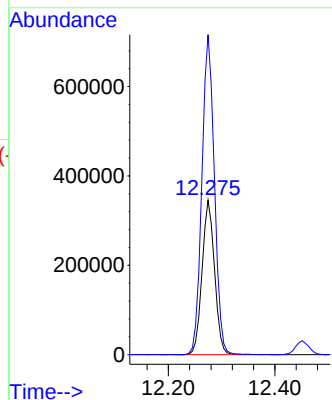
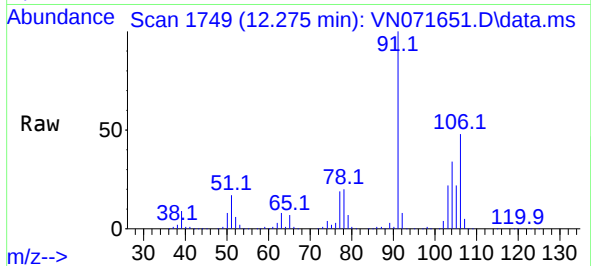
#69
o-Xylene
Concen: 50.602 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 559968
Ion Ratio Lower Upper
106 100
91 208.8 106.0 318.0

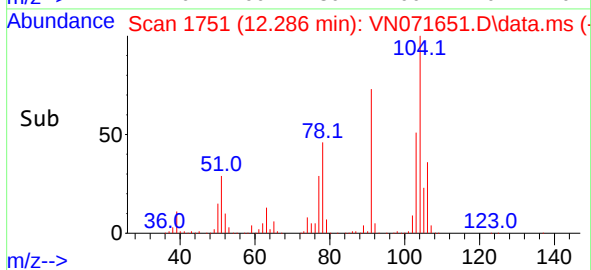
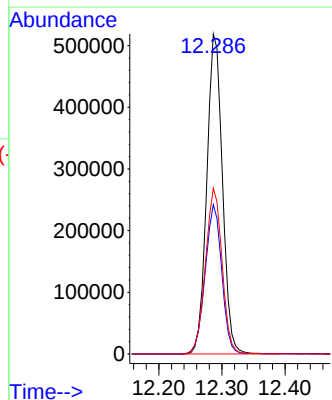
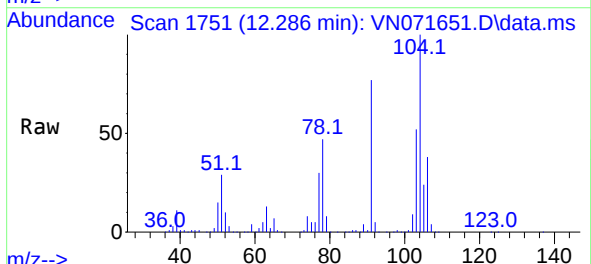
Manual Integrations
APPROVED

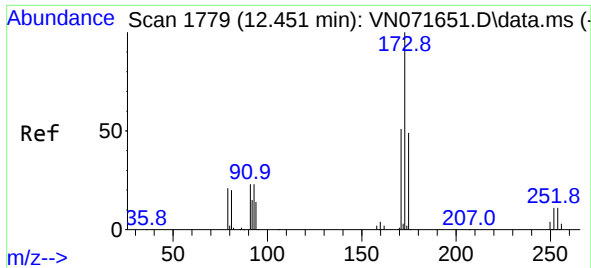
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 53.006 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion:104 Resp: 895182
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 54.8 44.0 66.0





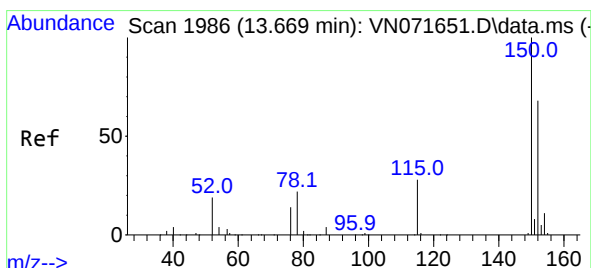
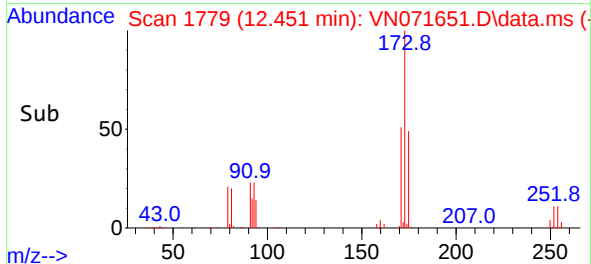
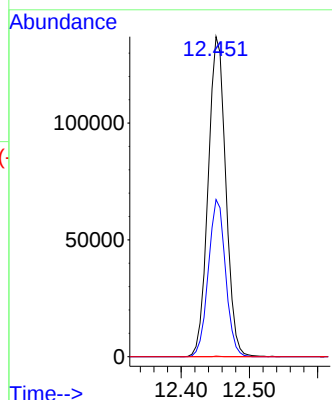
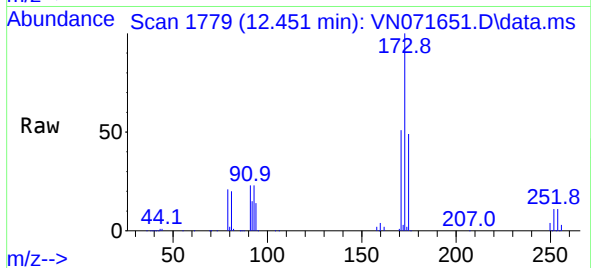
#71
Bromoform
Concen: 51.834 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 24645
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.1 0.1 0.1

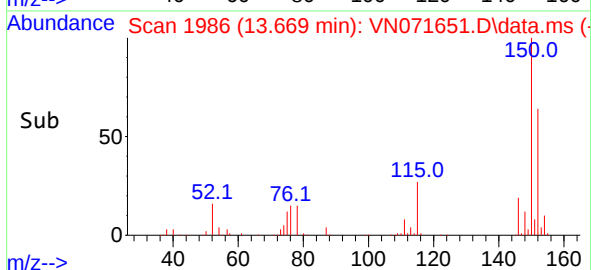
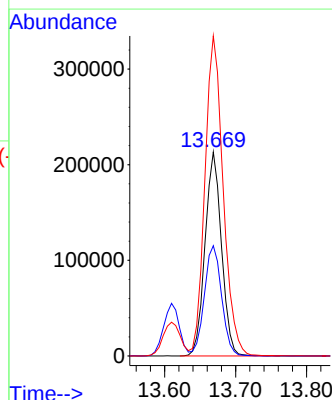
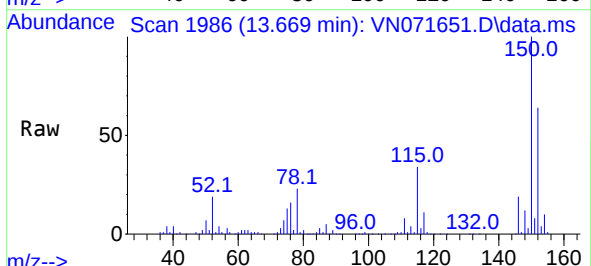
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion:152 Resp: 343934
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 174.3 0.0 356.2





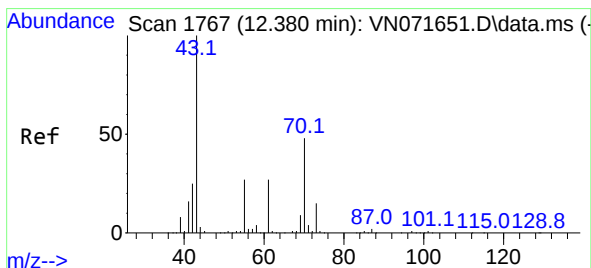
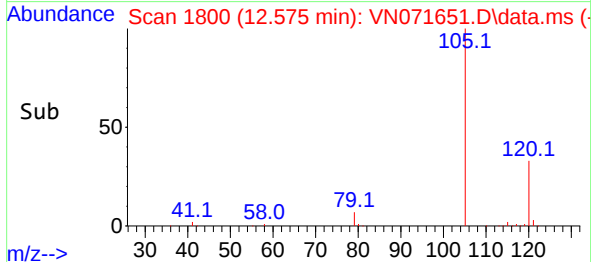
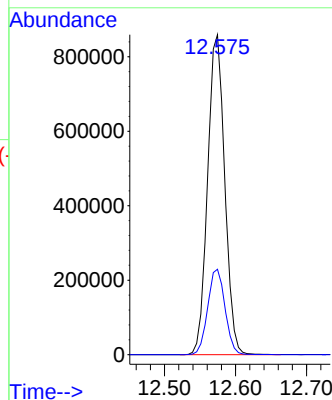
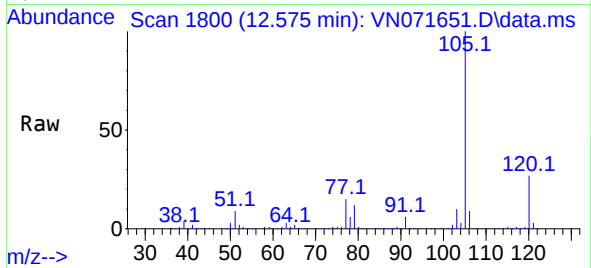
#73
Isopropylbenzene
Concen: 47.798 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 143964
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

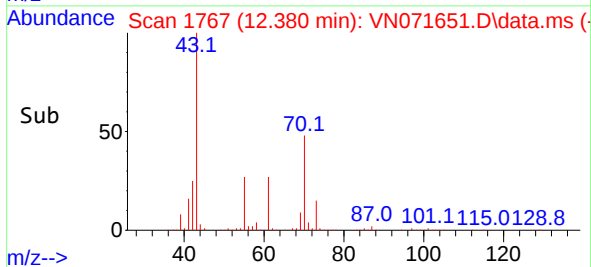
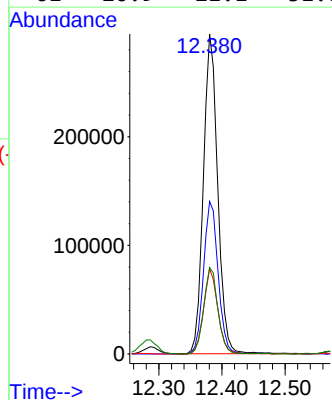
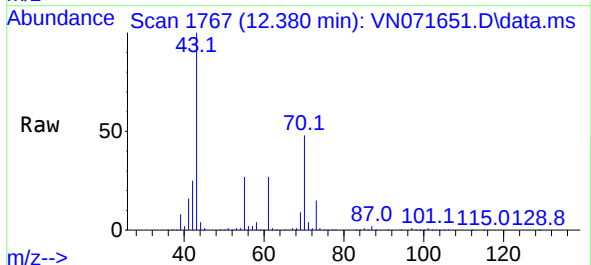
Manual Integrations
APPROVED

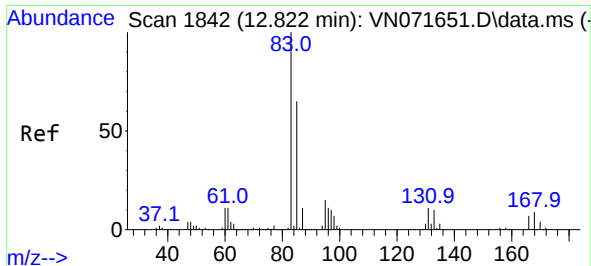
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
N-ethyl acetate
Concen: 50.646 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion: 43 Resp: 463393
Ion Ratio Lower Upper
43 100
70 48.6 39.0 58.4
55 26.7 21.1 31.7
61 26.9 21.1 31.7





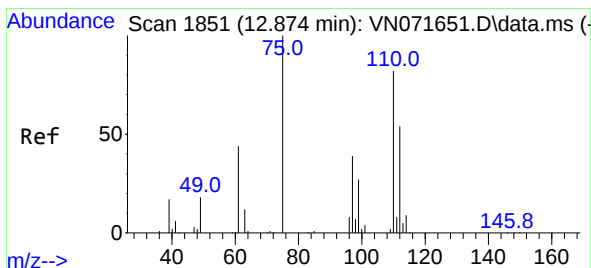
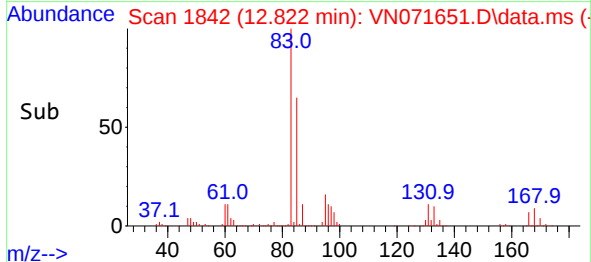
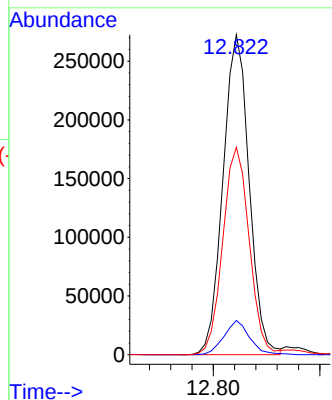
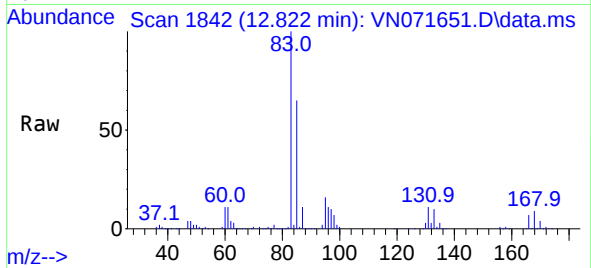
#75
1,1,2,2-Tetrachloroethane
Concen: 46.049 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 46400
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 65.4 32.3 96.9

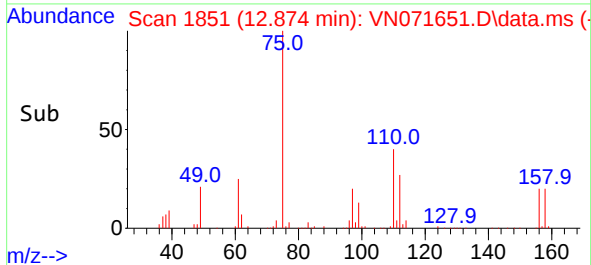
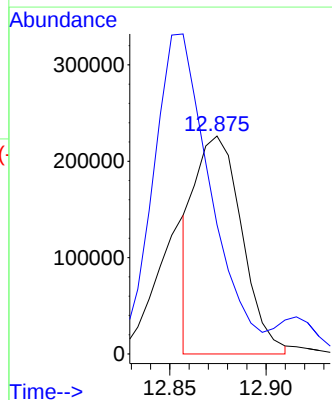
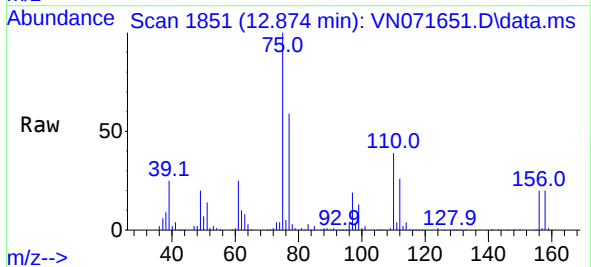
Manual Integrations
APPROVED

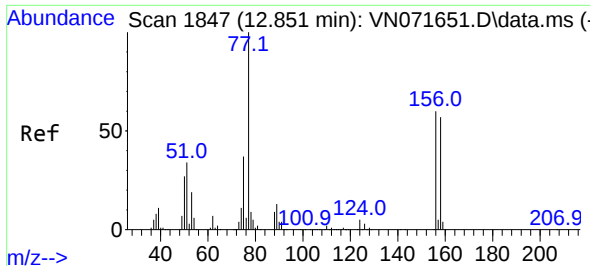
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#76
1,2,3-Trichloropropane
Concen: 46.823 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

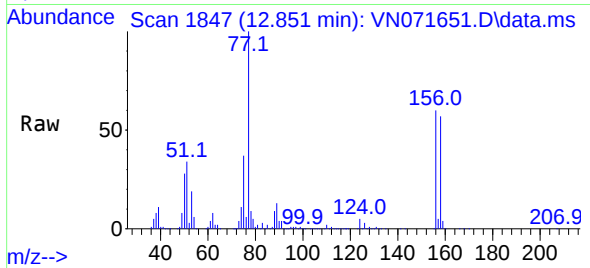
Tgt Ion: 75 Resp: 386228
Ion Ratio Lower Upper
75 100
77 178.4 98.5 295.5





#77
Bromobenzene
Concen: 46.145 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

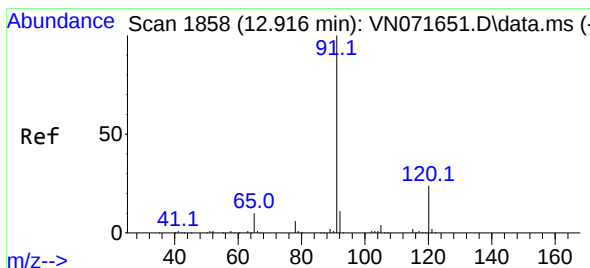
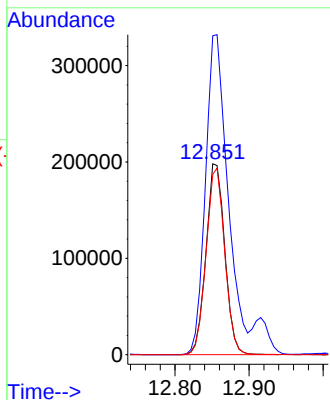
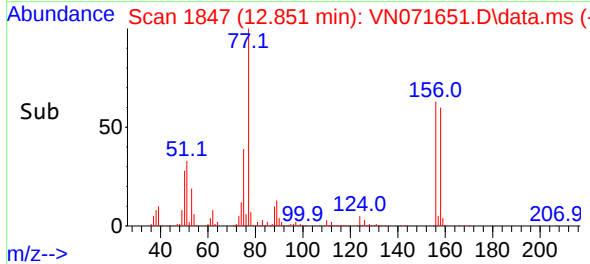
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 349890
Ion Ratio Lower Upper
156 100
77 196.9 100.5 301.5
158 96.5 48.9 146.6

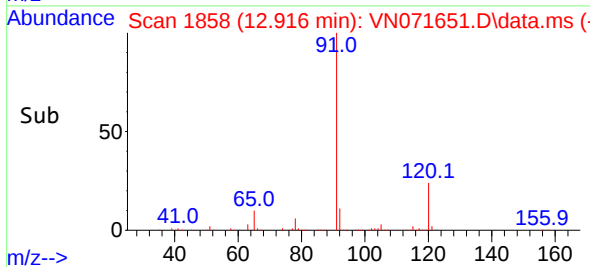
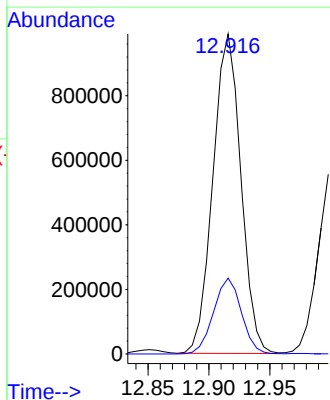
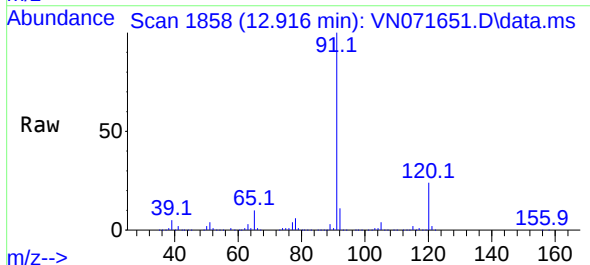
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 48.659 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion: 91 Resp: 1580652
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





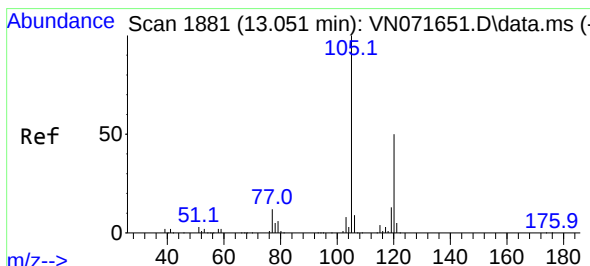
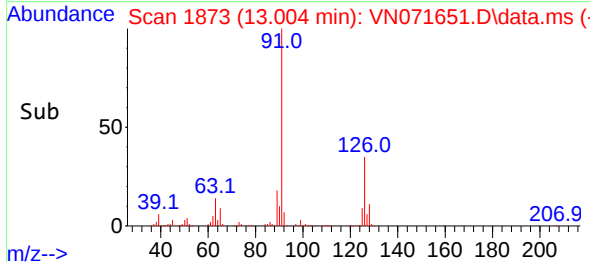
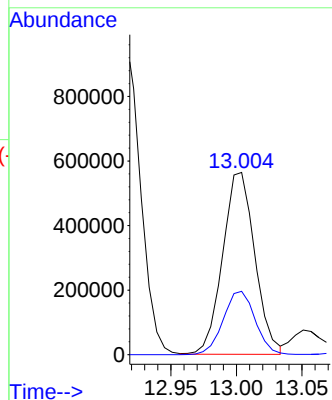
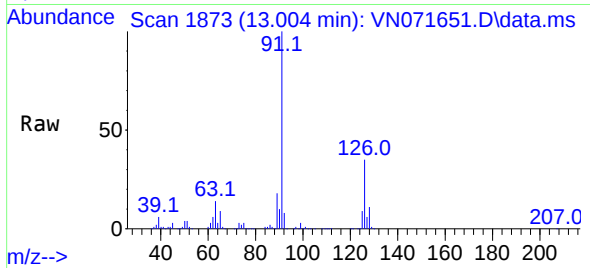
#79
2-Chlorotoluene
Concen: 47.294 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 96213
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

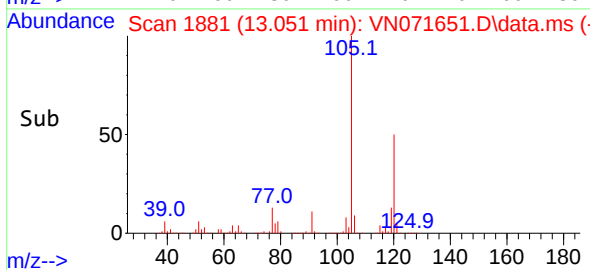
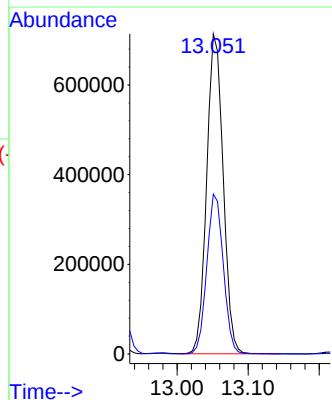
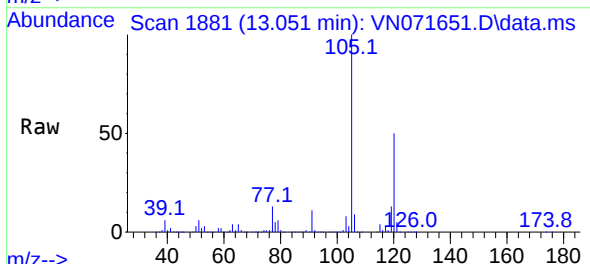
Manual Integrations
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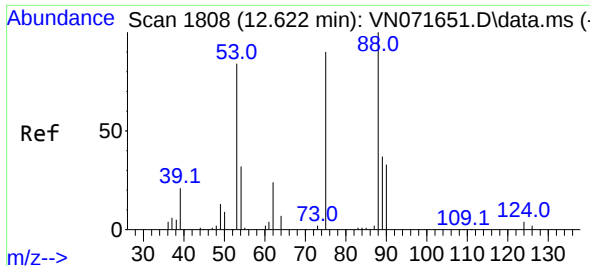
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.497 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

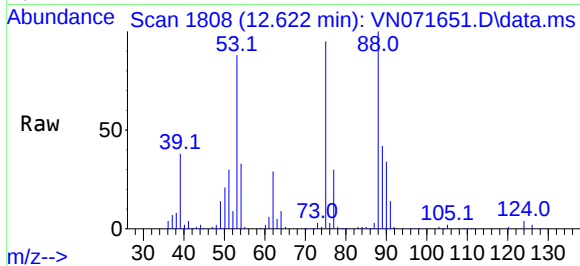
Tgt Ion:105 Resp: 1153440
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.943 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

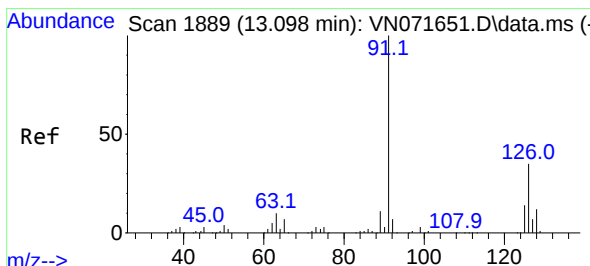
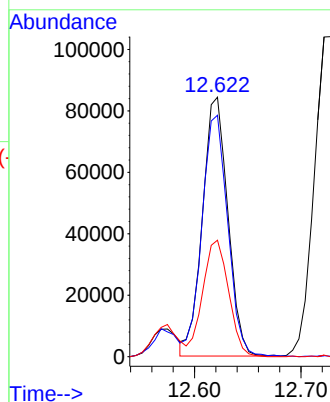
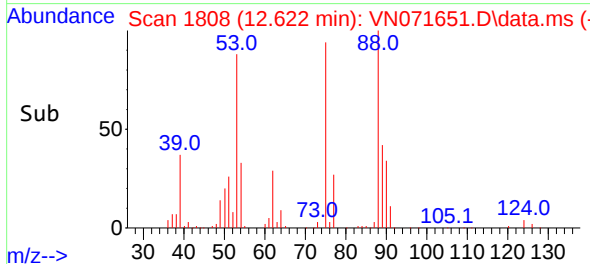
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



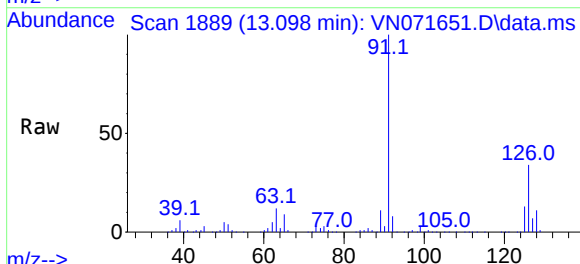
Tgt Ion: 75 Resp: 13983
Ion Ratio Lower Upper
75 100
53 95.4 78.0 117.0
89 45.8 37.2 55.8

Manual Integrations
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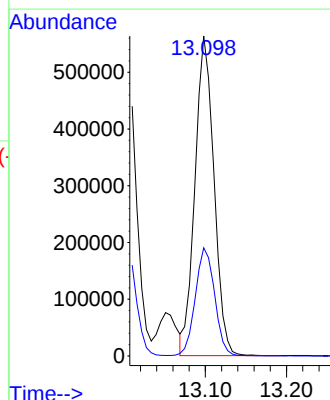
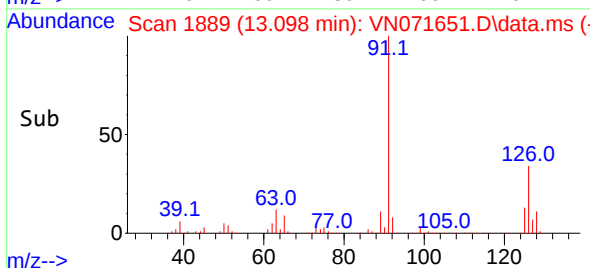
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

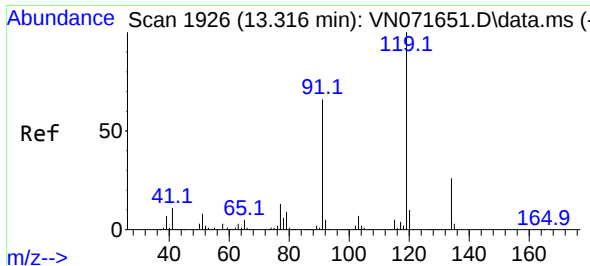


#82
4-Chlorotoluene
Concen: 48.300 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



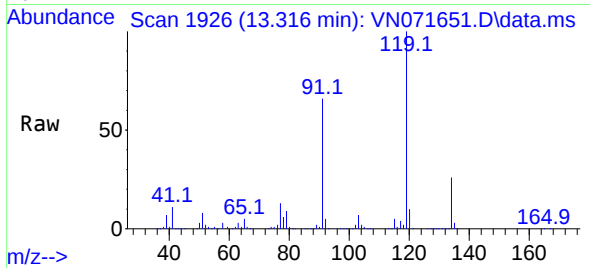
Tgt Ion: 91 Resp: 917072
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.837 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

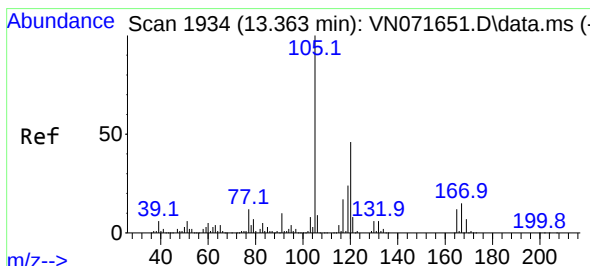
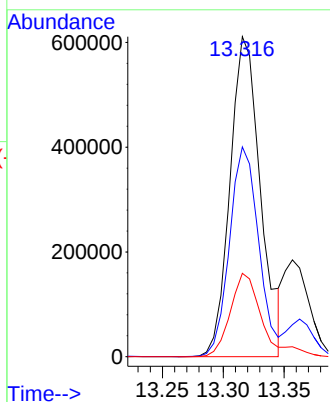
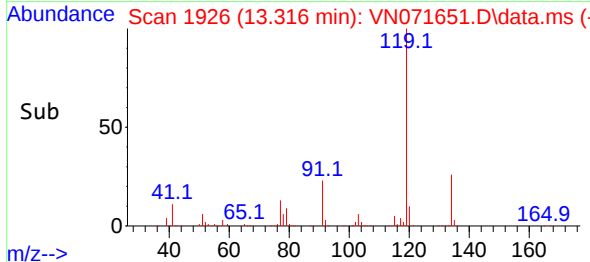
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



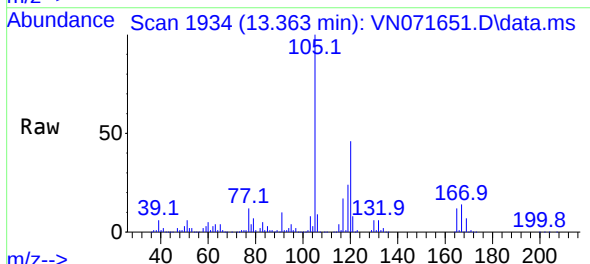
Tgt Ion:119 Resp: 1066764
Ion Ratio Lower Upper
119 100
91 62.7 31.6 94.8
134 27.1 13.7 41.1

Manual Integrations
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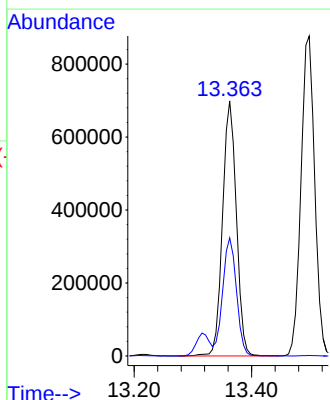
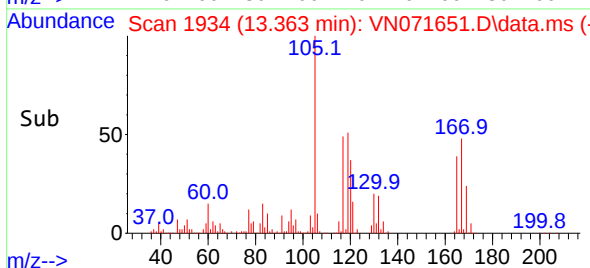
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

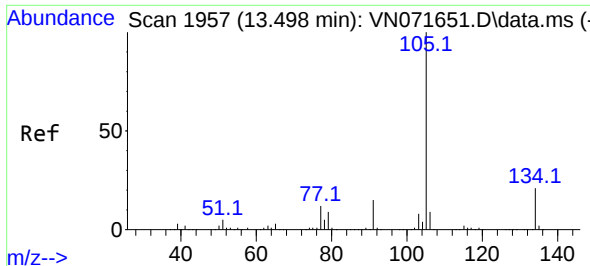


#84
1,2,4-Trimethylbenzene
Concen: 48.873 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



Tgt Ion:105 Resp: 1140267
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





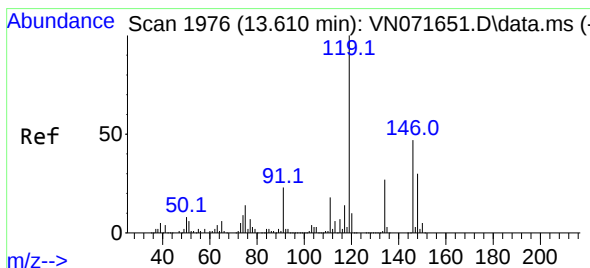
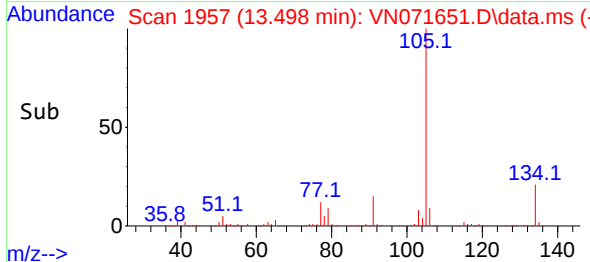
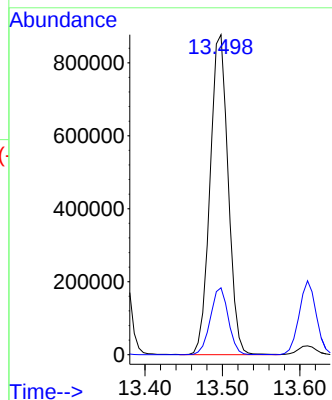
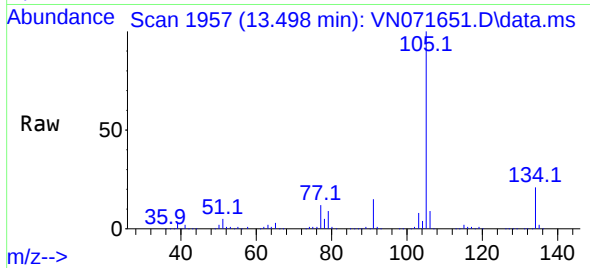
#85
 sec-Butylbenzene
 Concen: 49.273 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071651.D
 Acq: 30 Mar 2022 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 141953
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

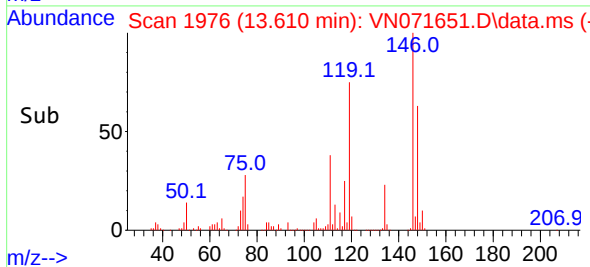
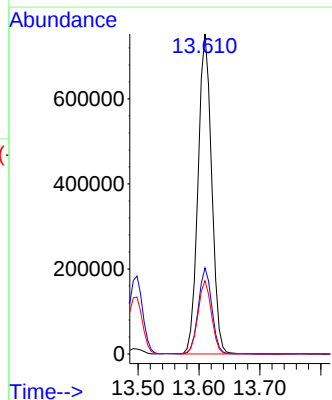
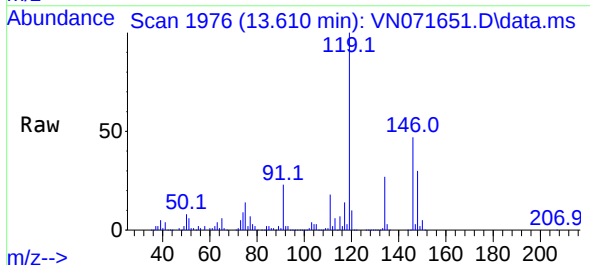
Manual Integrations
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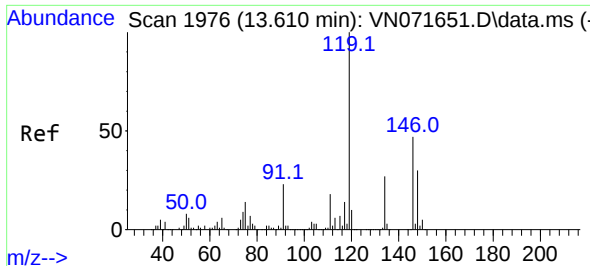
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#86
 p-Isopropyltoluene
 Concen: 50.949 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071651.D
 Acq: 30 Mar 2022 11:39

Tgt Ion:119 Resp: 1168440
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.239 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 58970

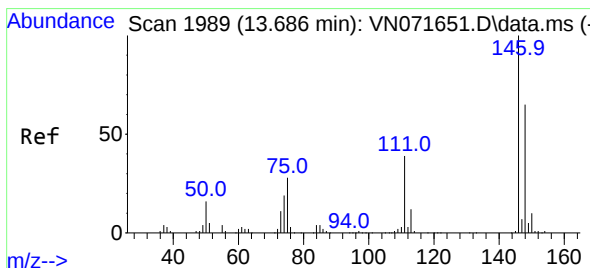
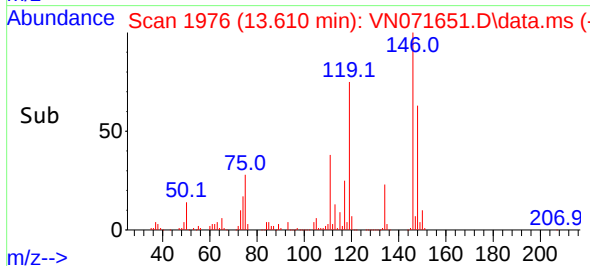
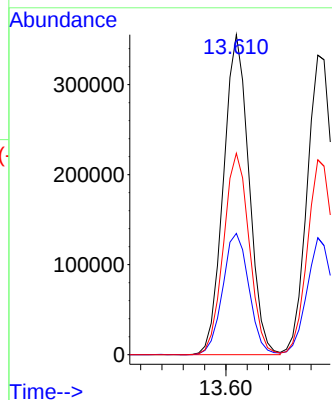
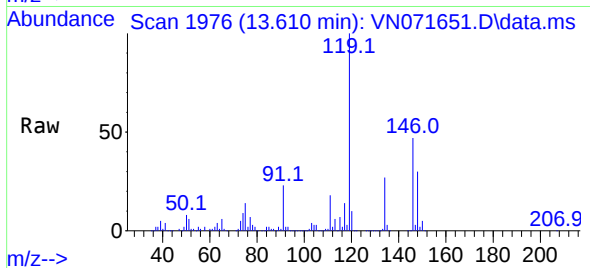
Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	60.0
148	63.5	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#88

1,4-Dichlorobenzene

Concen: 46.908 ug/l

RT: 13.686 min Scan# 1989

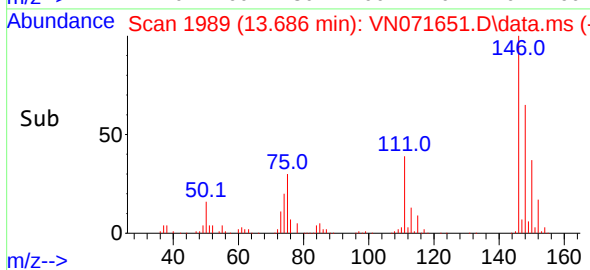
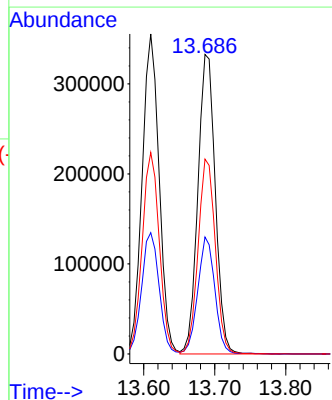
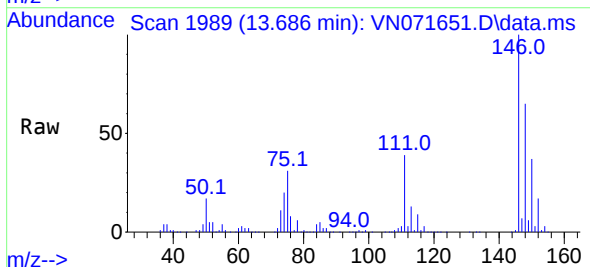
Delta R.T. 0.000 min

Lab File: VN071651.D

Acq: 30 Mar 2022 11:39

Tgt Ion:146 Resp: 569355

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	64.5	31.4	94.3





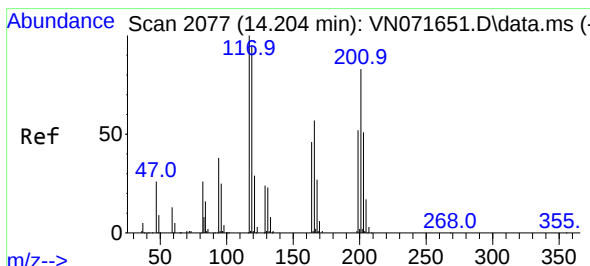
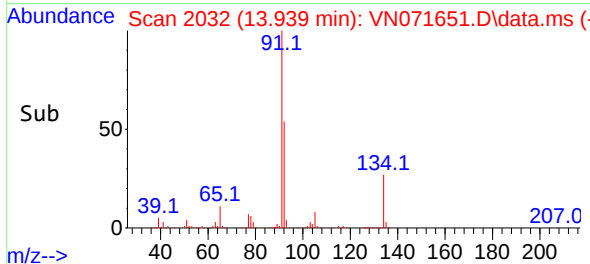
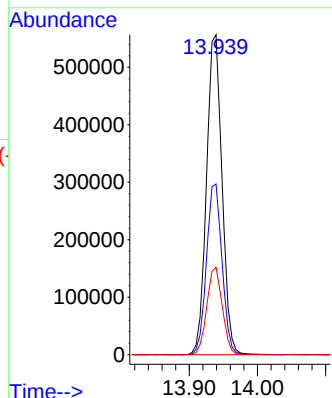
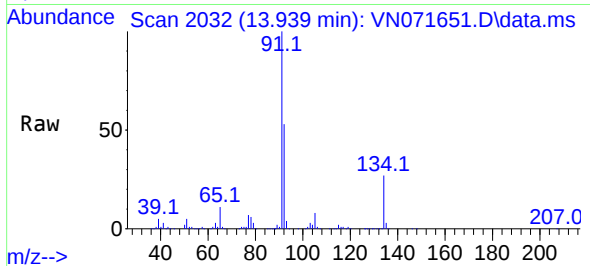
#89
n-Butylbenzene
Concen: 50.850 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 881029
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 27.3 13.6 40.8

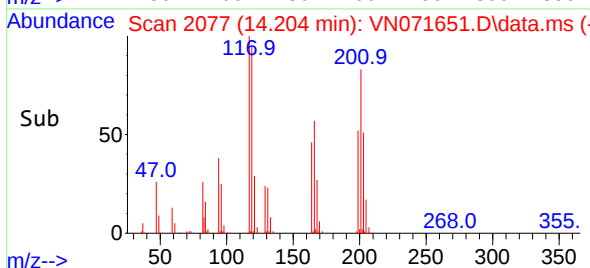
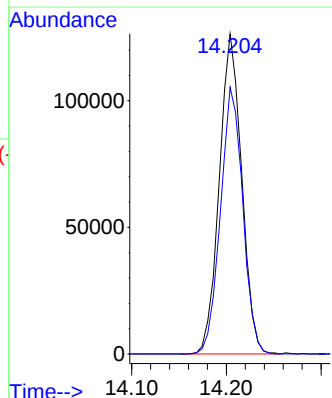
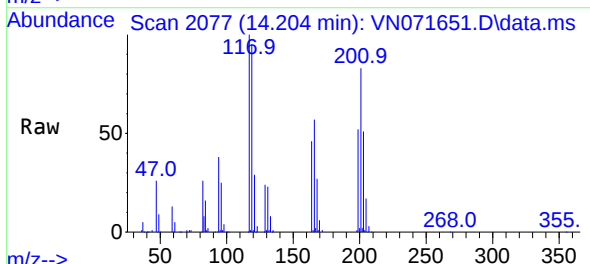
Manual Integrations
APPROVED

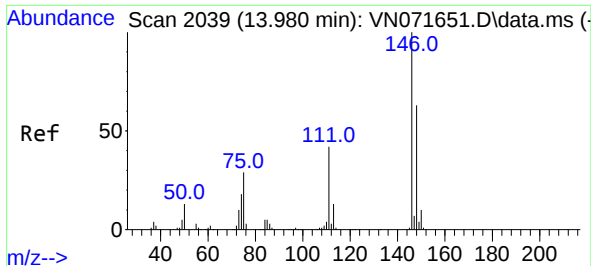
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 48.199 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion:117 Resp: 207239
Ion Ratio Lower Upper
117 100
201 83.2 40.6 122.0





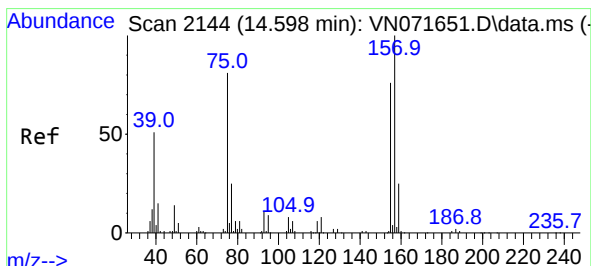
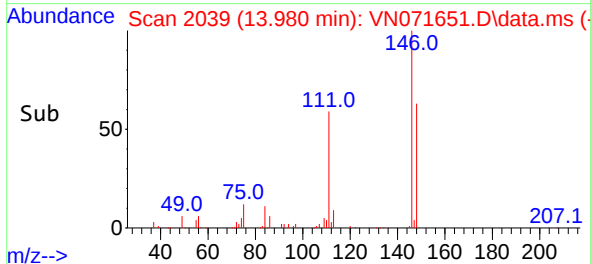
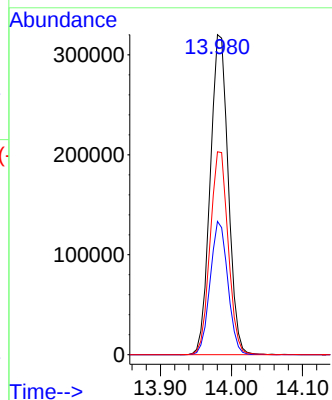
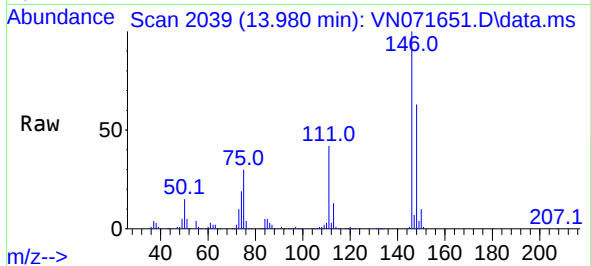
#91
1,2-Dichlorobenzene
Concen: 47.244 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 564264
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.8
148 63.7 32.1 96.3

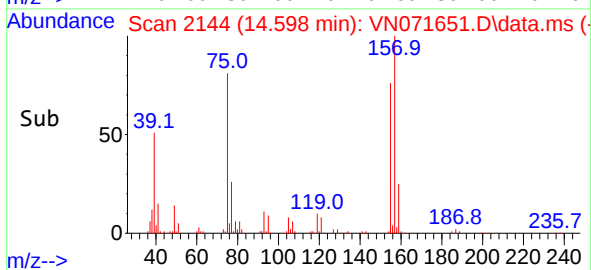
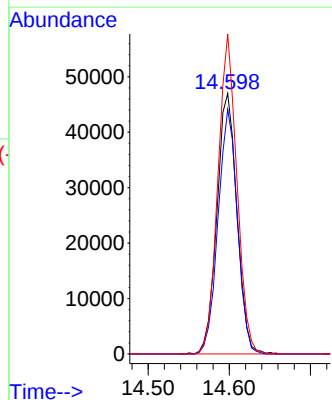
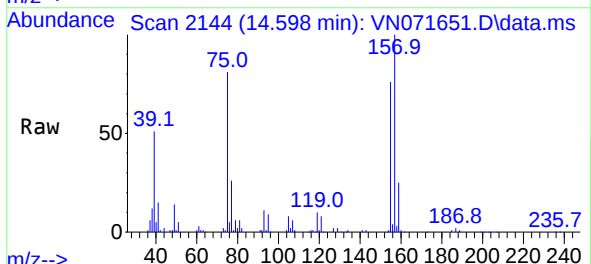
Manual Integrations
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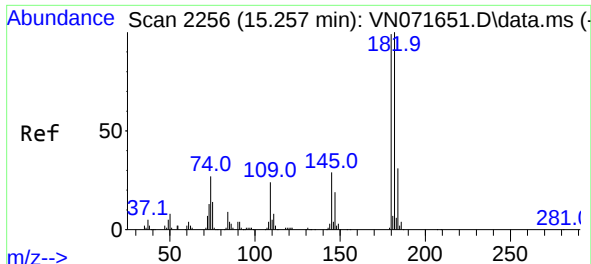
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.332 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

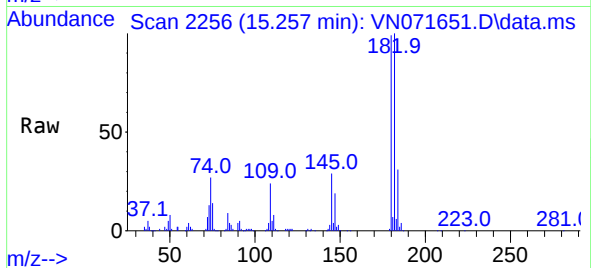
Tgt Ion: 75 Resp: 80475
Ion Ratio Lower Upper
75 100
155 90.8 44.9 134.5
157 116.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 51.584 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

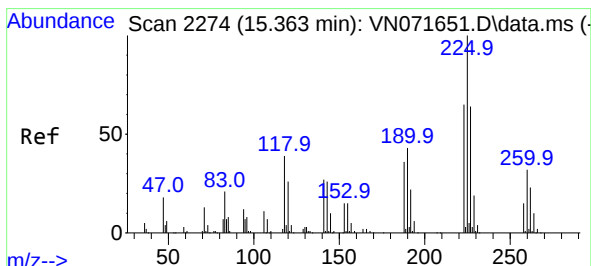
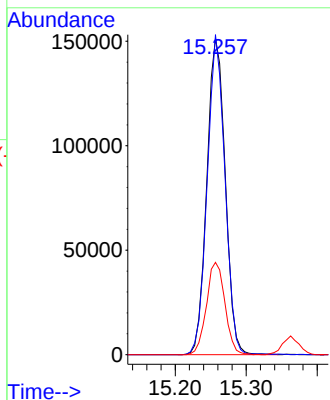
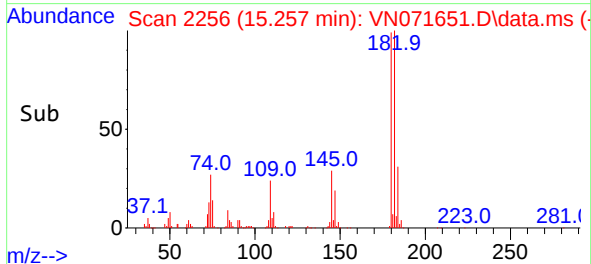
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



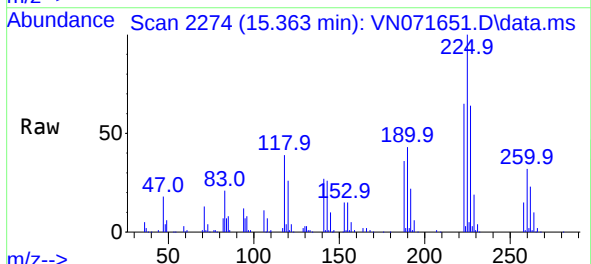
Tgt Ion:180 Resp: 272634
Ion Ratio Lower Upper
180 100
182 97.0 47.5 142.5
145 29.4 14.5 43.5

Manual Integrations
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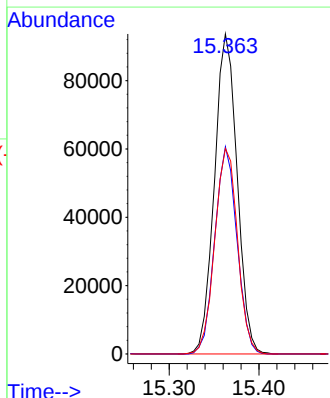
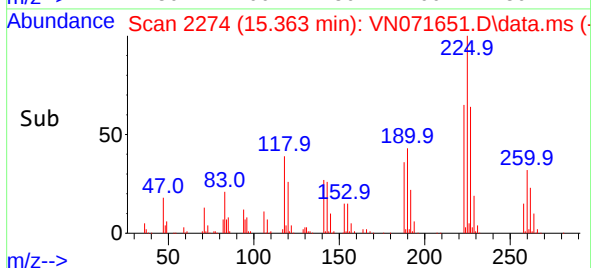
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

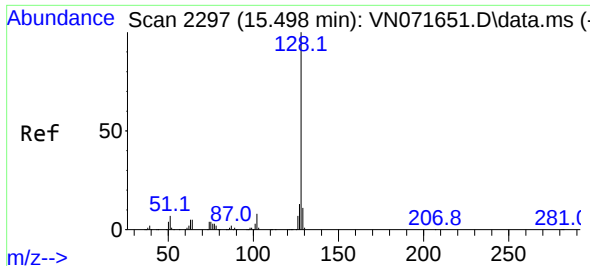


#94
Hexachlorobutadiene
Concen: 49.288 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39



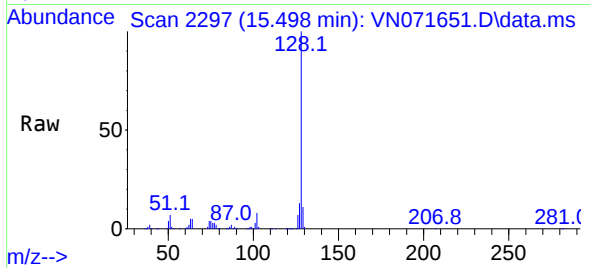
Tgt Ion:225 Resp: 164602
Ion Ratio Lower Upper
225 100
223 63.1 32.4 97.2
227 64.2 31.8 95.4





#95
Naphthalene
Concen: 52.301 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

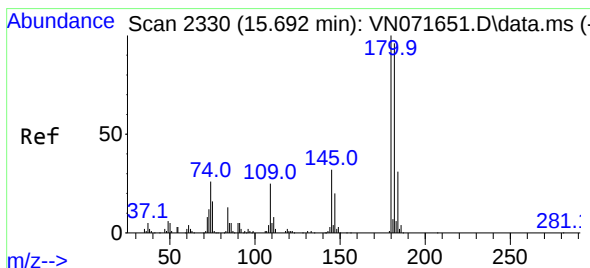
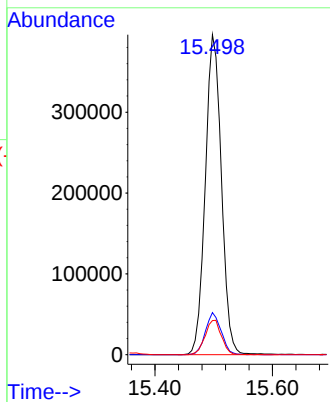
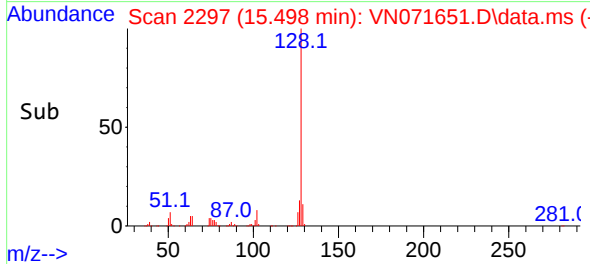
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 752014
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.914 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN071651.D
Acq: 30 Mar 2022 11:39

Tgt Ion:180 Resp: 263747
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 30.2 15.5 46.5

