

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071984.D
 Acq On : 13 Apr 2022 18:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 02:36:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	586581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	888002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	820154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	325388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	298762	44.615	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.220%		
35) Dibromofluoromethane	8.022	113	265895	50.885	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.780%		
50) Toluene-d8	10.439	98	1057424	49.468	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.940%		
62) 4-Bromofluorobenzene	12.727	95	346152	50.071	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	280346	60.117	ug/l	100
3) Chloromethane	2.299	50	298207	50.464	ug/l	97
4) Vinyl Chloride	2.440	62	306833	47.282	ug/l	100
5) Bromomethane	2.822	94	141328	33.502	ug/l	100
6) Chloroethane	2.993	64	203758	43.646	ug/l	99
7) Trichlorofluoromethane	3.357	101	407070	49.304	ug/l	100
8) Diethyl Ether	3.822	74	174149	49.910	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.204	101	246693	48.486	ug/l	98
10) Methyl Iodide	4.416	142	364247	51.214	ug/l	99
11) Tert butyl alcohol	5.369	59	289837	266.705	ug/l	99
12) 1,1-Dichloroethene	4.181	96	243698	50.333	ug/l	95
13) Acrolein	4.034	56	283367	213.853	ug/l	99
14) Allyl chloride	4.834	41	366983	46.699	ug/l	93
15) Acrylonitrile	5.545	53	858245	271.702	ug/l	98
16) Acetone	4.287	43	620520	216.825	ug/l	94
17) Carbon Disulfide	4.528	76	620281	55.837	ug/l	100
18) Methyl Acetate	4.851	43	356315	50.287	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	869312	48.330	ug/l	99
20) Methylene Chloride	5.092	84	299644	49.675	ug/l	94
21) trans-1,2-Dichloroethene	5.592	96	262531	49.394	ug/l	97
22) Diisopropyl ether	6.492	45	808807	47.277	ug/l	94
23) Vinyl Acetate	6.428	43	3454540	253.927	ug/l	98
24) 1,1-Dichloroethane	6.386	63	487986	48.589	ug/l	99
25) 2-Butanone	7.328	43	1042496	252.683	ug/l	95
26) 2,2-Dichloropropane	7.322	77	348455	40.388	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	321569	49.338	ug/l	95
28) Bromochloromethane	7.651	49	172747	42.639	ug/l	96
29) Tetrahydrofuran	7.681	42	693008	259.413	ug/l	95
30) Chloroform	7.816	83	501363	47.278	ug/l	98
31) Cyclohexane	8.092	56	438034	48.099	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	433120	47.741	ug/l	97
36) 1,1-Dichloropropene	8.216	75	372493	51.047	ug/l	99
37) Ethyl Acetate	7.410	43	411367	51.505	ug/l	97
38) Carbon Tetrachloride	8.204	117	362532	50.693	ug/l	95
39) Methylcyclohexane	9.457	83	467726	53.847	ug/l	97
40) Benzene	8.457	78	1194882	51.836	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	211554	54.096	ug/l	94
42) 1,2-Dichloroethane	8.527	62	378794	47.504	ug/l	97
43) Isopropyl Acetate	8.557	43	630664	47.473	ug/l	97
44) Trichloroethene	9.210	130	305513	51.445	ug/l	98
45) 1,2-Dichloropropane	9.486	63	294592	51.157	ug/l	99
46) Dibromomethane	9.575	93	201609	51.564	ug/l	98
47) Bromodichloromethane	9.757	83	397596	51.660	ug/l	100
48) Methyl methacrylate	9.557	41	295123	53.546	ug/l	92
49) 1,4-Dioxane	9.569	88	151611	1161.739	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2119652	277.517	ug/l	95
52) Toluene	10.504	92	783632	53.780	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	427561	53.006	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	468780	52.597	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	308895	51.509	ug/l	99
56) Ethyl methacrylate	10.757	69	501544	58.626	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	522369	52.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	558148	214.504	ug/l	100
59) 2-Hexanone	11.080	43	1503807	279.649	ug/l	94
60) Dibromochloromethane	11.233	129	325058	55.590	ug/l	99
61) 1,2-Dibromoethane	11.345	107	320227	54.247	ug/l	98
64) Tetrachloroethene	10.974	164	273333	50.470	ug/l	97
65) Chlorobenzene	11.768	112	845419	51.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	299876	50.604	ug/l	100
67) Ethyl Benzene	11.839	91	1466793	52.761	ug/l	98
68) m/p-Xylenes	11.951	106	1132889	106.058	ug/l	99
69) o-Xylene	12.274	106	565831	53.368	ug/l	97
70) Styrene	12.292	104	903115	56.219	ug/l	99
71) Bromoform	12.457	173	252970	56.057	ug/l #	100
73) Isopropylbenzene	12.574	105	1421890	51.857	ug/l	99
74) N-amyl acetate	12.386	43	409758	52.157	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	452624	49.474	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	355137m	47.114	ug/l	
77) Bromobenzene	12.857	156	346960	50.477	ug/l	97
78) n-propylbenzene	12.915	91	1545116	53.570	ug/l	100
79) 2-Chlorotoluene	13.004	91	944505	51.062	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1167135	53.724	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	127927	52.593	ug/l	95
82) 4-Chlorotoluene	13.098	91	871656	50.839	ug/l	99
83) tert-Butylbenzene	13.321	119	1029254	51.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1149496	54.229	ug/l	100
85) sec-Butylbenzene	13.498	105	1386364	53.853	ug/l	100
86) p-Isopropyltoluene	13.610	119	1139108	55.495	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	547638	50.010	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	532380	49.832	ug/l	99
89) n-Butylbenzene	13.939	91	831398	54.611	ug/l	99
90) Hexachloroethane	14.209	117	202739	53.957	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	537585	50.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	76842	54.150	ug/l	93
93) 1,2,4-Trichlorobenzene	15.256	180	261091	50.401	ug/l	100
94) Hexachlorobutadiene	15.362	225	152448	48.080	ug/l	98
95) Naphthalene	15.504	128	775058	52.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	263748	52.452	ug/l	100

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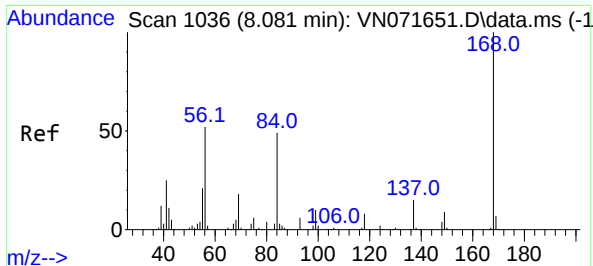
Manual Integrations
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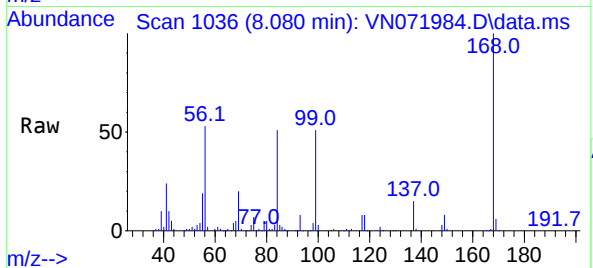
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
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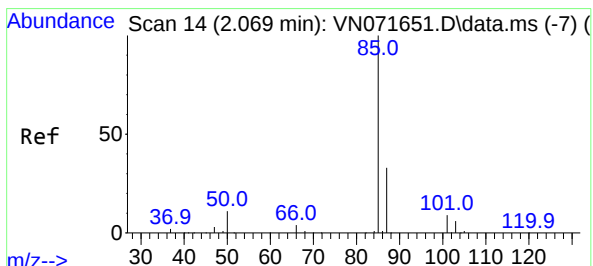
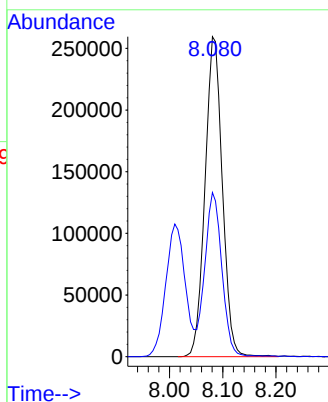
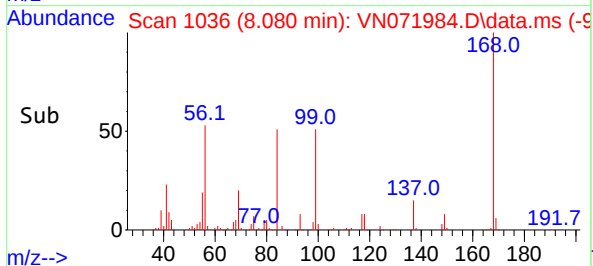
Instrument :
MSVOA_N
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VSTDCCC050EC



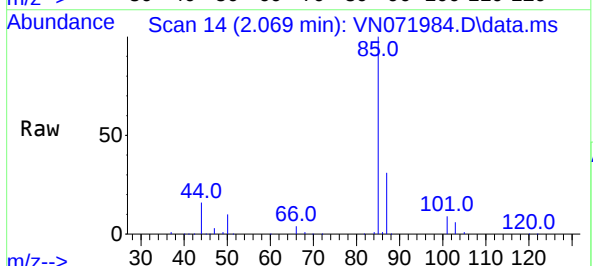
Tgt Ion:168 Resp: 58658
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5

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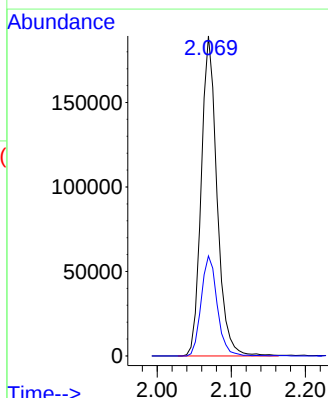
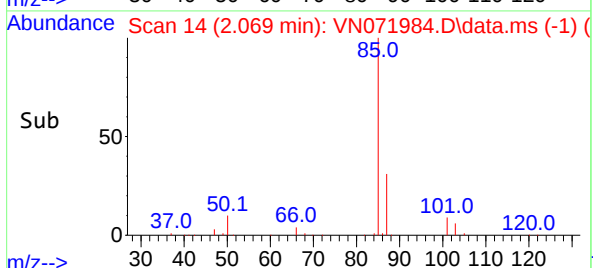
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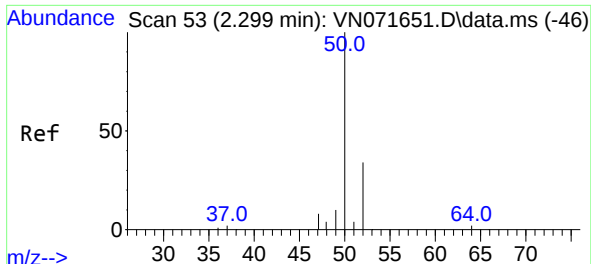


#2
Dichlorodifluoromethane
Concen: 60.117 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



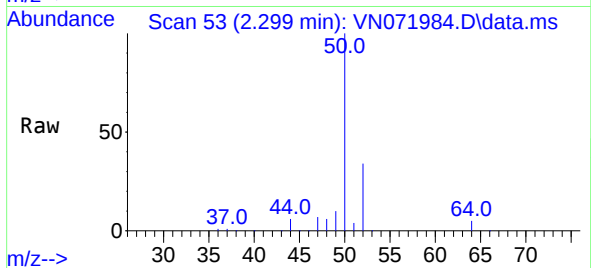
Tgt Ion: 85 Resp: 280346
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.1





#3
Chloromethane
Concen: 50.464 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

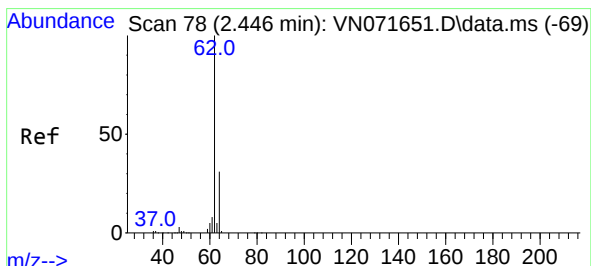
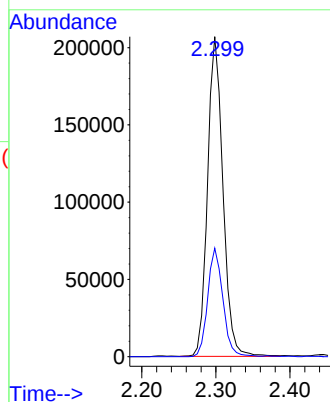
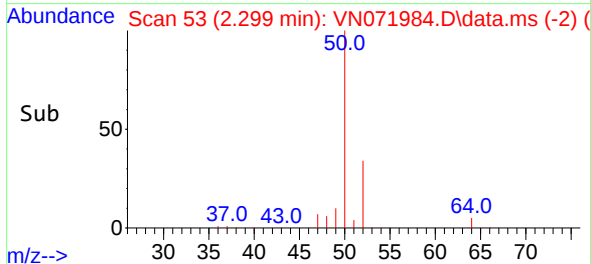
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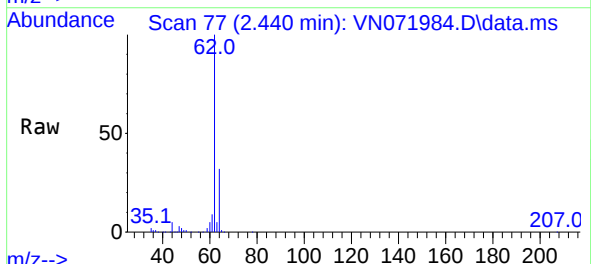
Tgt Ion: 50 Resp: 29820
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5

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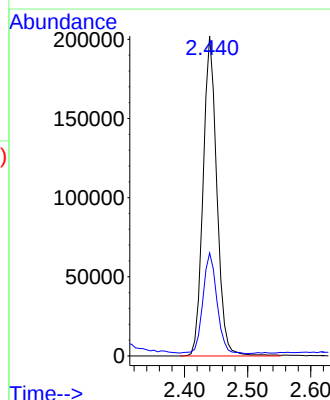
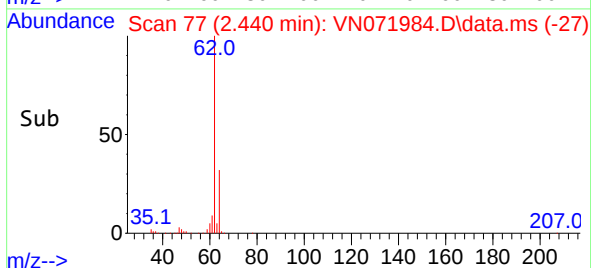
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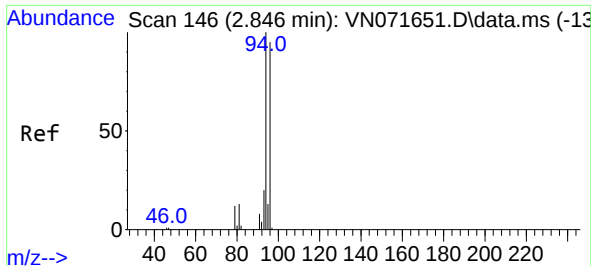


#4
Vinyl Chloride
Concen: 47.282 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



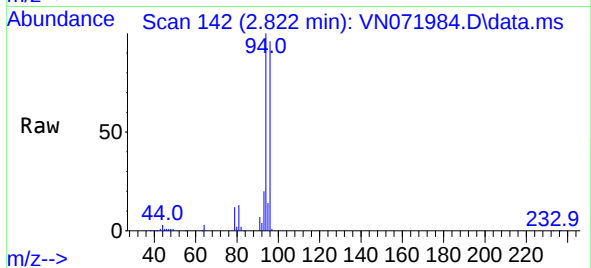
Tgt Ion: 62 Resp: 306833
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4





#5
Bromomethane
Concen: 33.502 ug/l
RT: 2.822 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

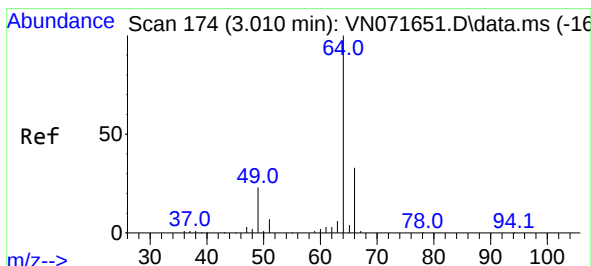
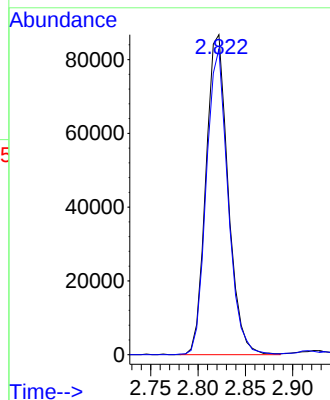
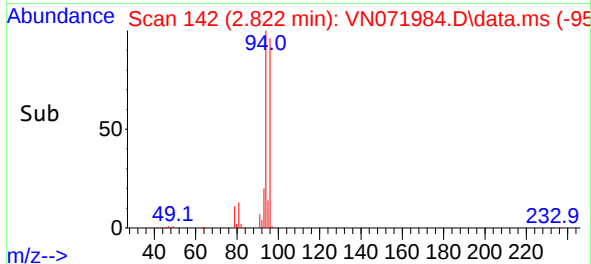
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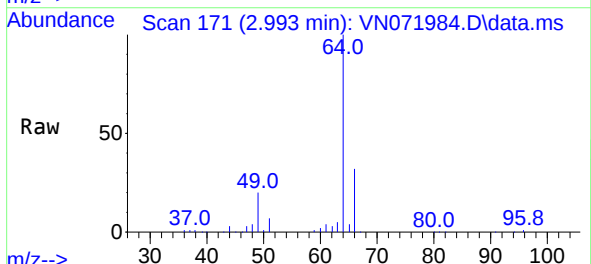
Tgt Ion: 94 Resp: 141328
Ion Ratio Lower Upper
94 100
96 95.4 76.0 114.0

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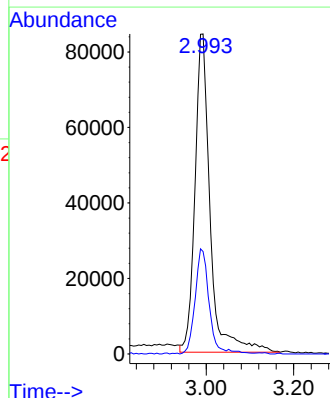
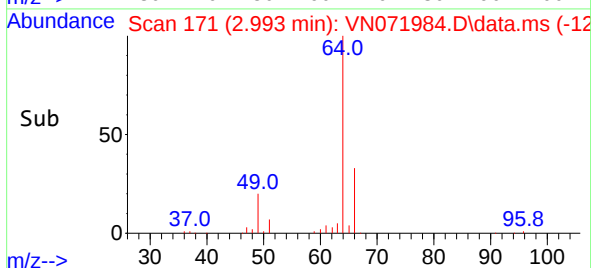
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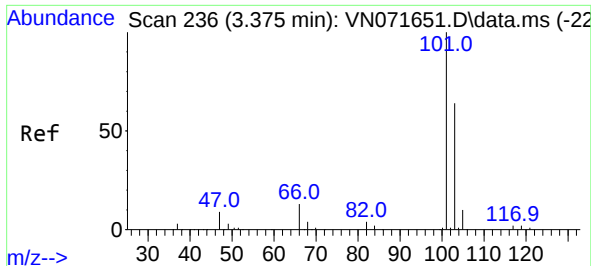


#6
Chloroethane
Concen: 43.646 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.017 min
Lab File: VN071984.D
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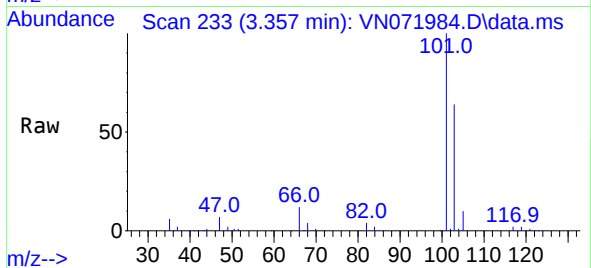
Tgt Ion: 64 Resp: 203758
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 49.304 ug/l
RT: 3.357 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

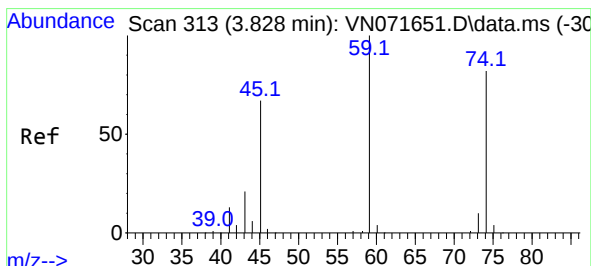
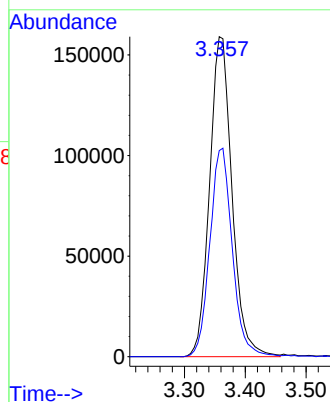
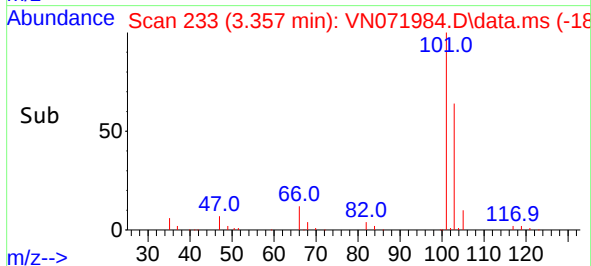
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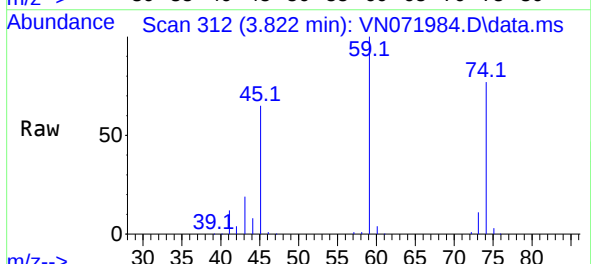
Tgt Ion:101 Resp: 407070
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

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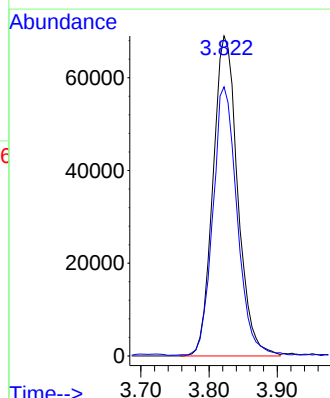
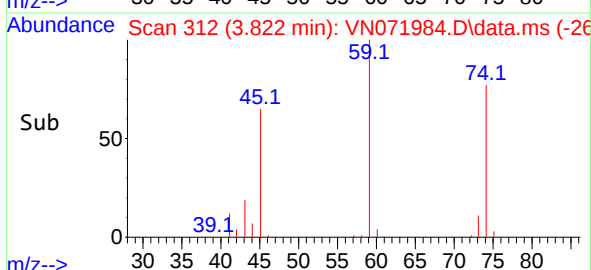
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#8
Diethyl Ether
Concen: 49.910 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071984.D
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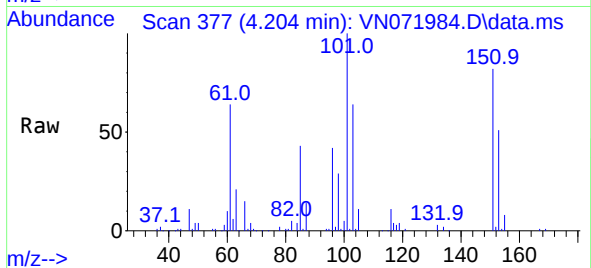
Tgt Ion: 74 Resp: 174149
Ion Ratio Lower Upper
74 100
45 82.1 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.486 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN071984.D
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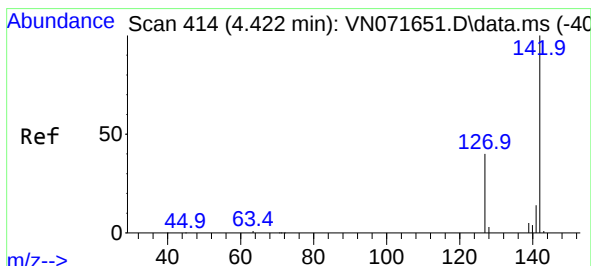
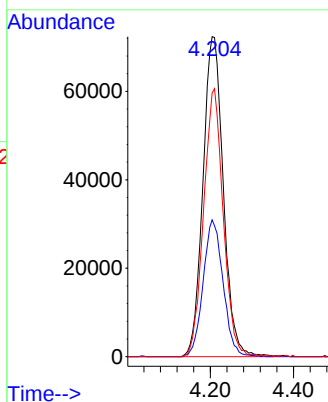
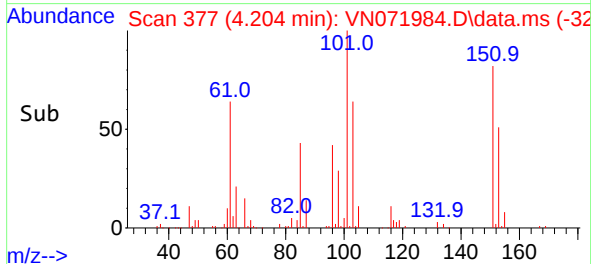
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



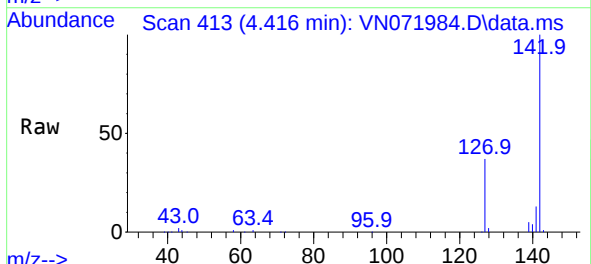
Tgt Ion:101 Resp: 24669
Ion Ratio Lower Upper
101 100
85 41.7 34.7 52.1
151 80.2 63.0 94.4

Manual Integrations
APPROVED

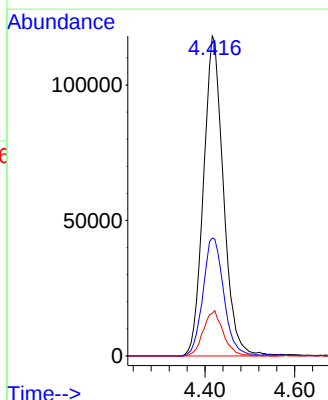
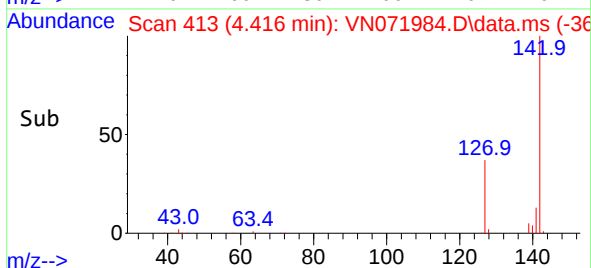
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

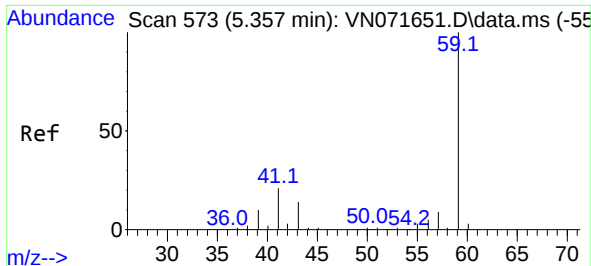


#10
Methyl Iodide
Concen: 51.214 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



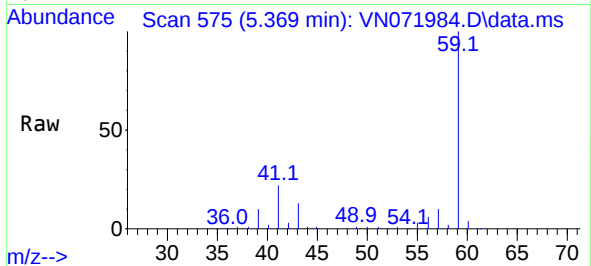
Tgt Ion:142 Resp: 364247
Ion Ratio Lower Upper
142 100
127 38.6 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 266.705 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

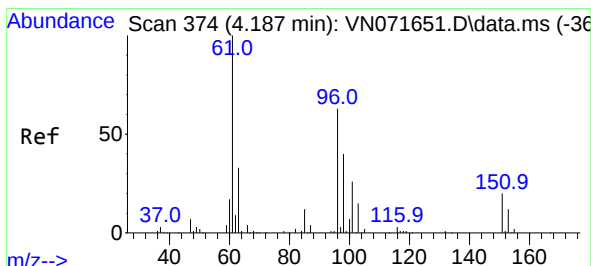
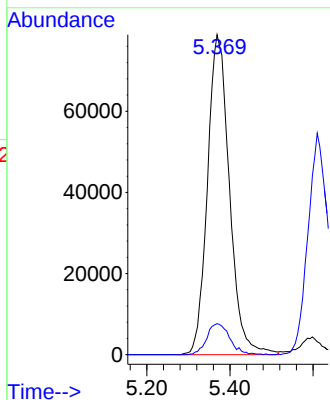
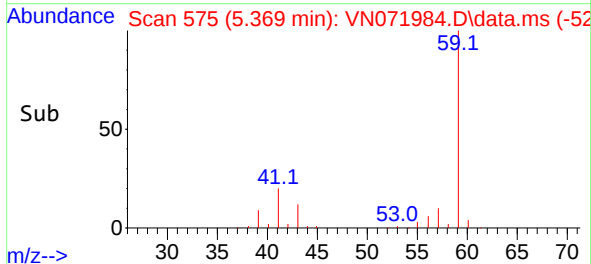
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



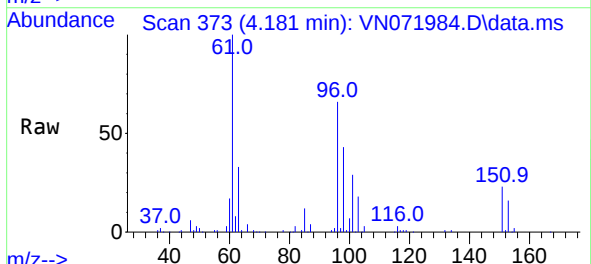
Tgt Ion: 59 Resp: 28983
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

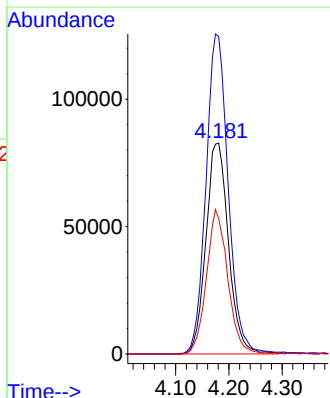
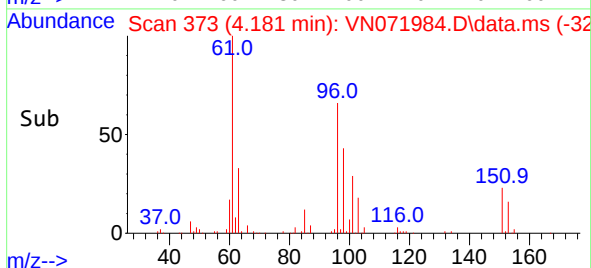
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

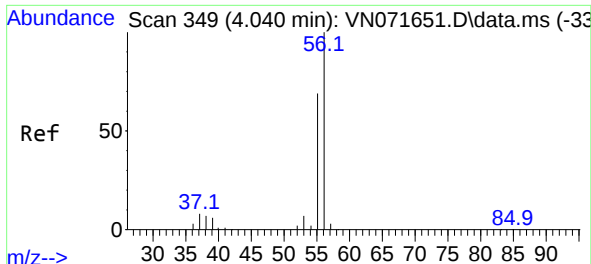


#12
1,1-Dichloroethene
Concen: 50.333 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



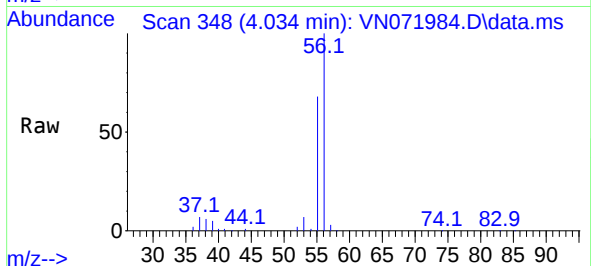
Tgt Ion: 96 Resp: 243698
Ion Ratio Lower Upper
96 100
61 150.5 127.6 191.4
98 64.3 51.2 76.8





#13
Acrolein
Concen: 213.853 ug/l
RT: 4.034 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

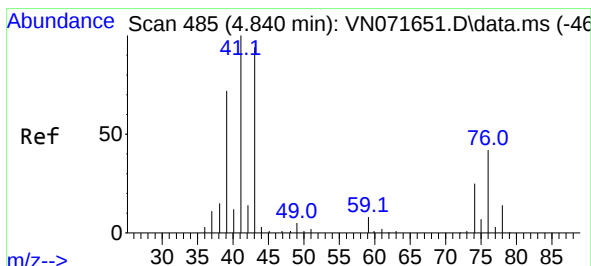
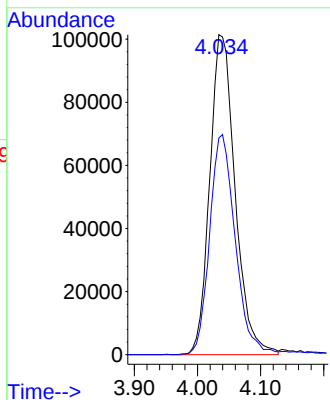
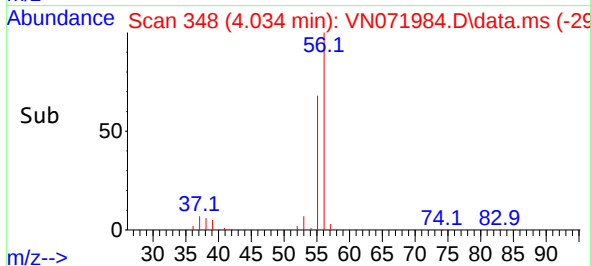
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



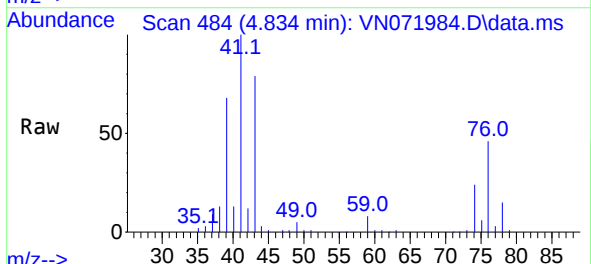
Tgt Ion: 56 Resp: 28336
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

Manual Integrations
APPROVED

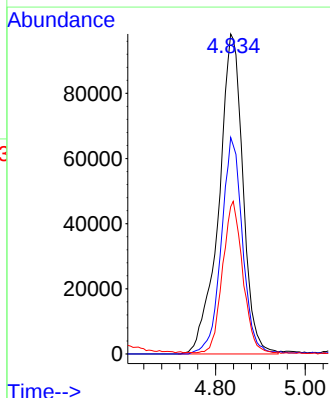
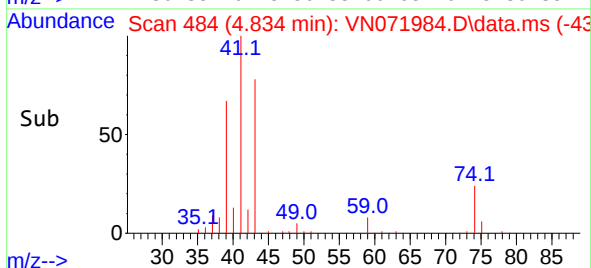
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#14
Allyl chloride
Concen: 46.699 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



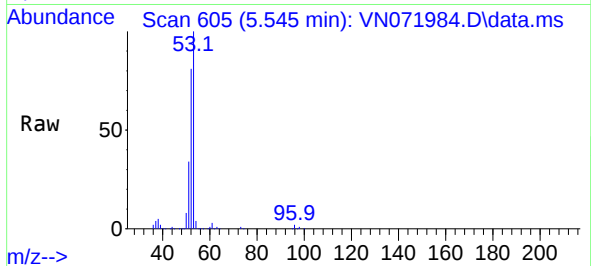
Tgt Ion: 41 Resp: 366983
Ion Ratio Lower Upper
41 100
39 59.8 53.2 79.8
76 39.6 29.9 44.9





#15
Acrylonitrile
Concen: 271.702 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

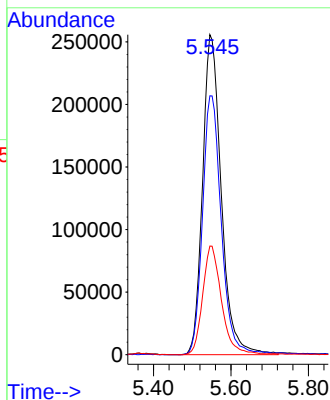
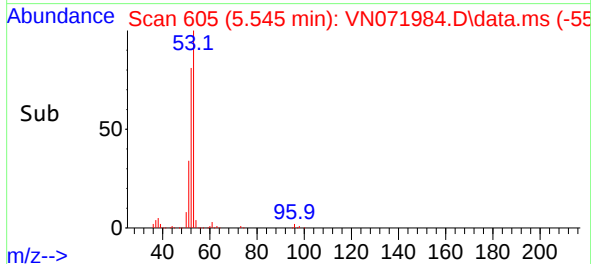
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



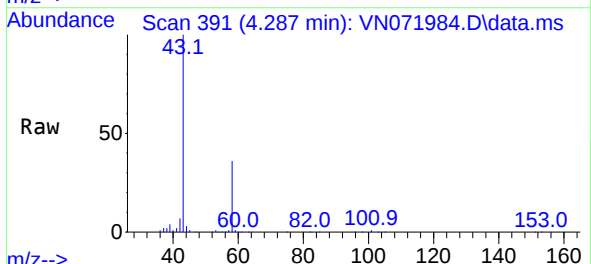
Tgt Ion: 53 Resp: 858249
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 34.2 28.5 42.7

Manual Integrations
APPROVED

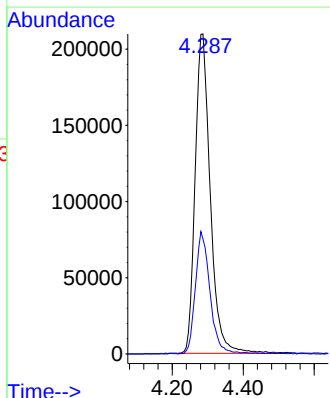
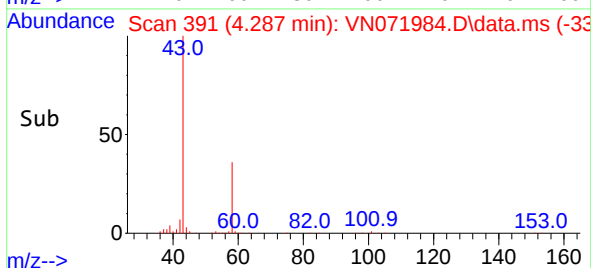
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

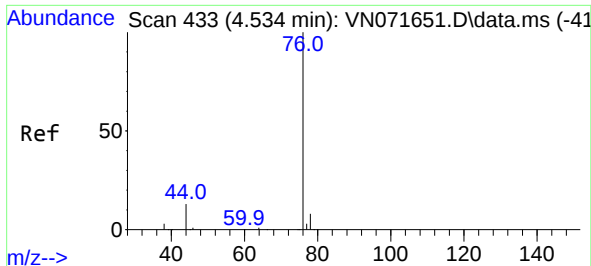


#16
Acetone
Concen: 216.825 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion: 43 Resp: 620520
Ion Ratio Lower Upper
43 100
58 36.0 26.0 39.0





#17

Carbon Disulfide

Concen: 55.837 ug/l

RT: 4.528 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN071984.D

Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 62028

Ion Ratio Lower Upper

76 100

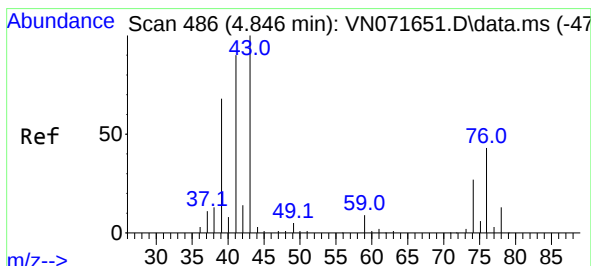
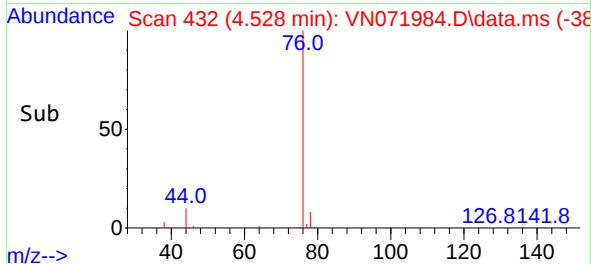
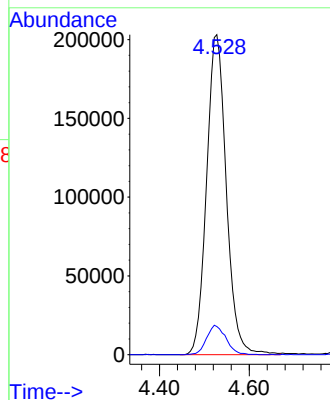
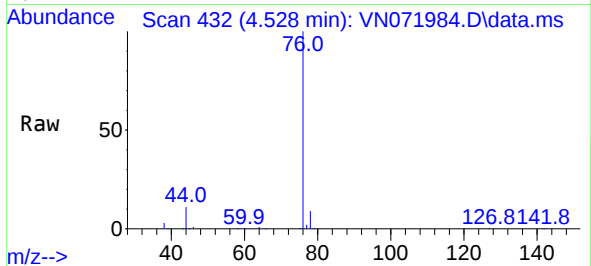
78 8.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#18

Methyl Acetate

Concen: 50.287 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.005 min

Lab File: VN071984.D

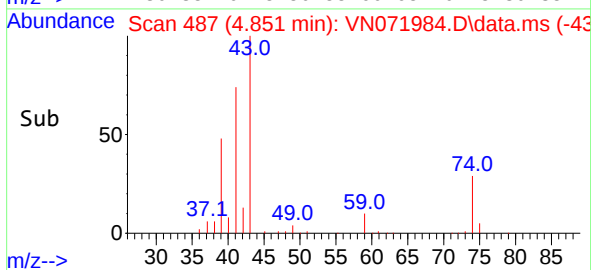
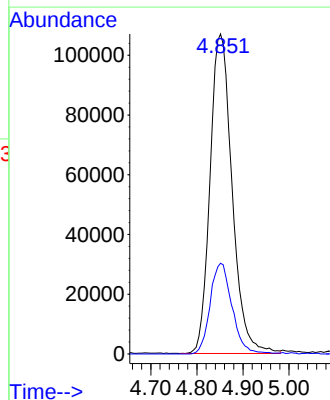
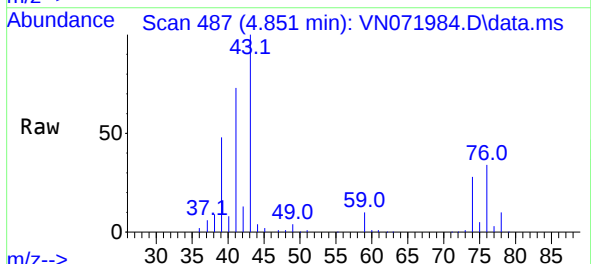
Acq: 13 Apr 2022 18:29

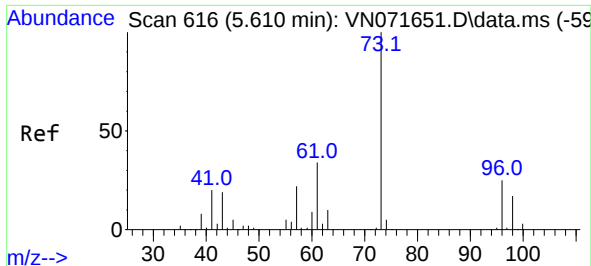
Tgt Ion: 43 Resp: 356315

Ion Ratio Lower Upper

43 100

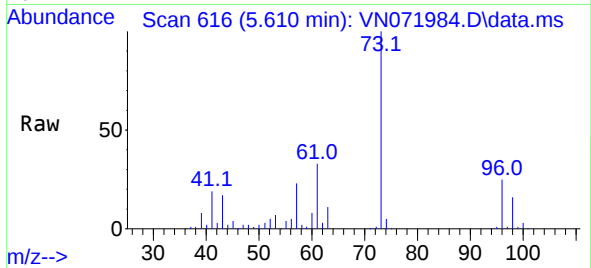
74 28.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 48.330 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

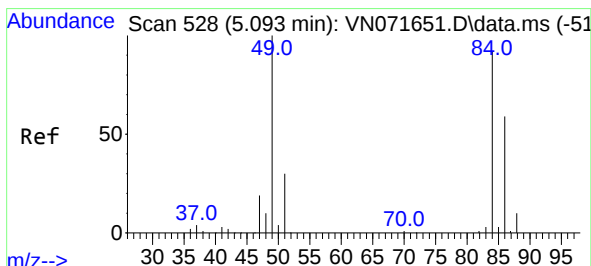
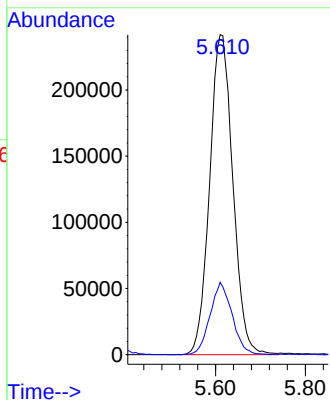
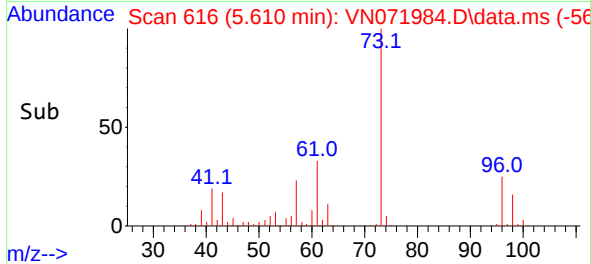
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



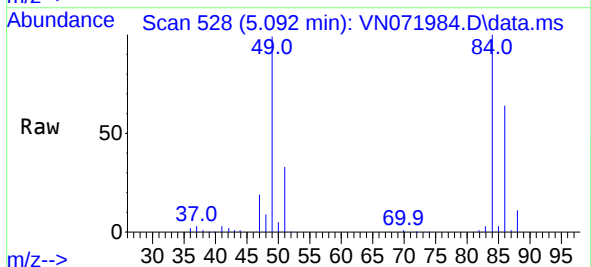
Tgt Ion: 73 Resp: 869312
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

Manual Integrations
APPROVED

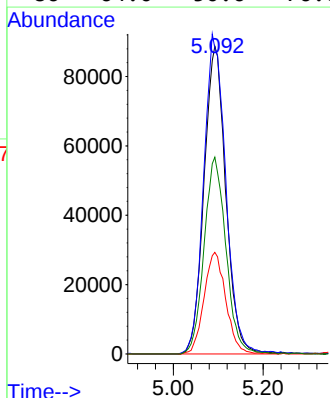
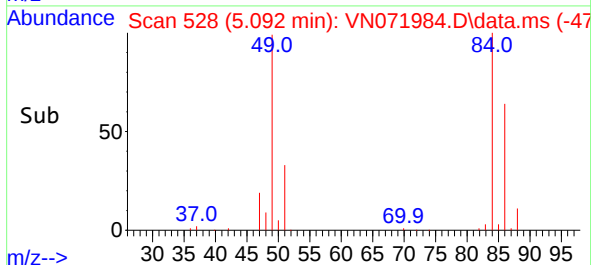
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#20
Methylene Chloride
Concen: 49.675 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



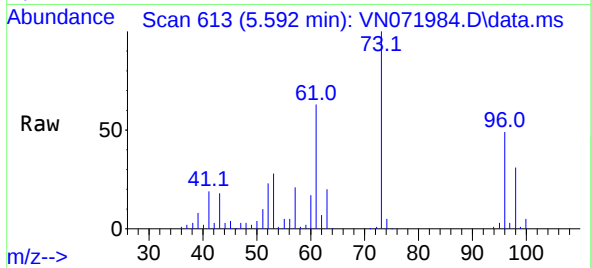
Tgt Ion: 84 Resp: 299644
Ion Ratio Lower Upper
84 100
49 99.4 88.3 132.5
51 33.0 28.2 42.2
86 64.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.394 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

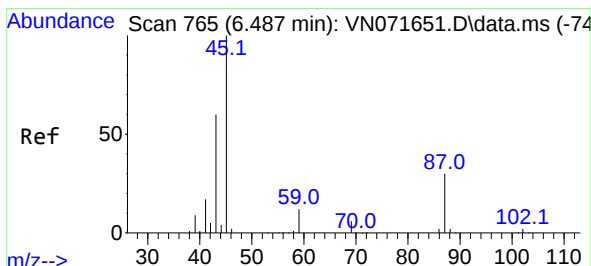
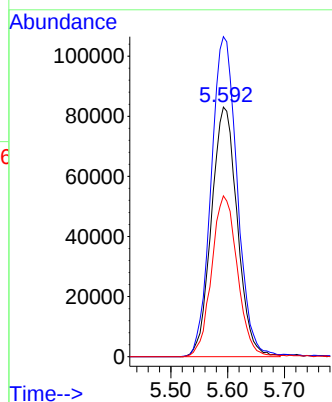
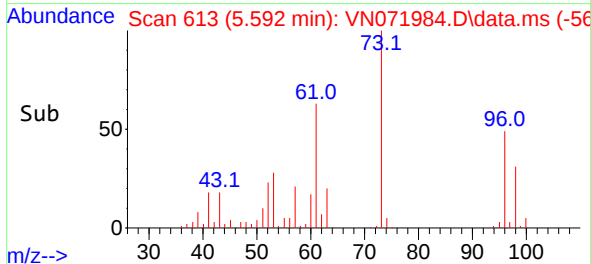
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



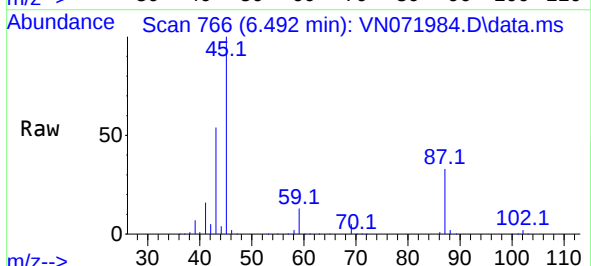
Tgt Ion: 96 Resp: 26253
Ion Ratio Lower Upper
96 100
61 128.2 105.8 158.8
98 64.4 50.3 75.5

Manual Integrations
APPROVED

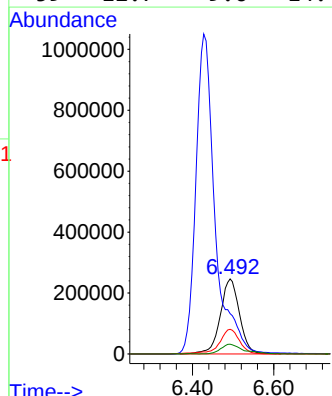
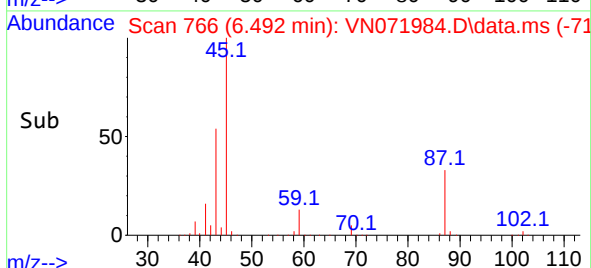
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

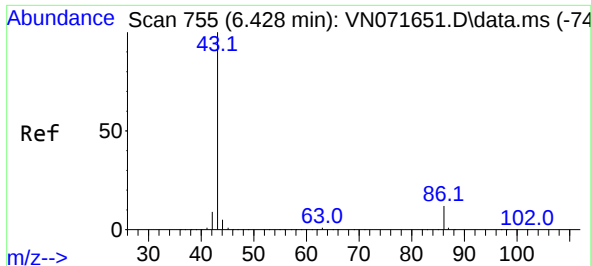


#22
Diisopropyl ether
Concen: 47.277 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



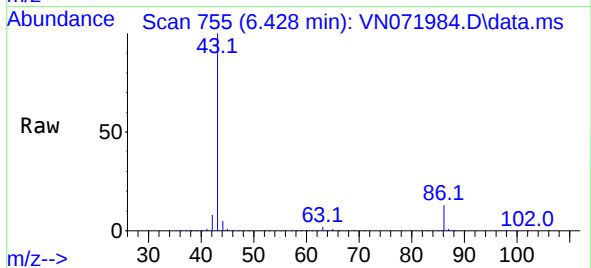
Tgt Ion: 45 Resp: 808807
Ion Ratio Lower Upper
45 100
43 52.5 46.6 70.0
87 32.8 24.3 36.5
59 12.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 253.927 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071984.D
 Acq: 13 Apr 2022 18:29

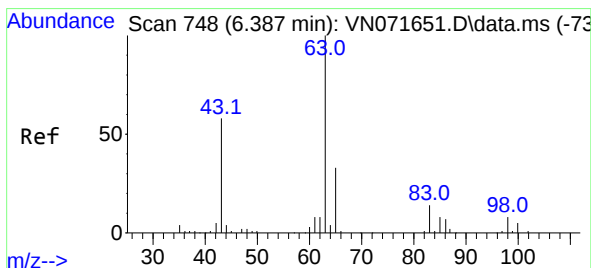
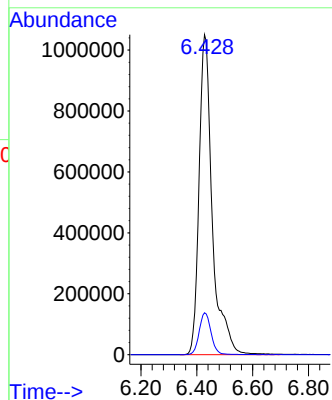
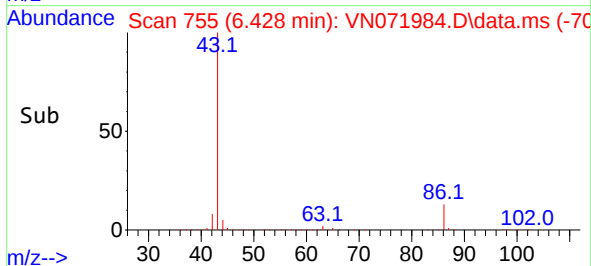
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



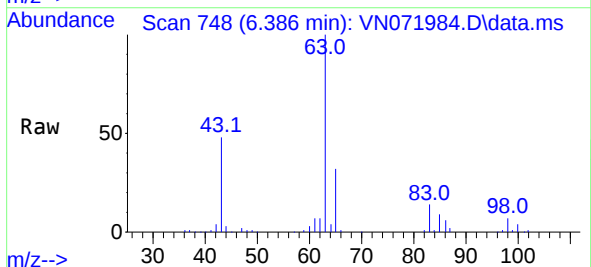
Tgt Ion: 43 Resp: 345454
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.0 15.0

Manual Integrations
 APPROVED

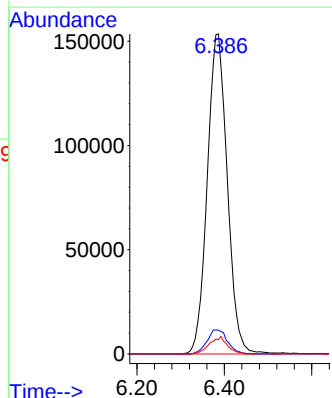
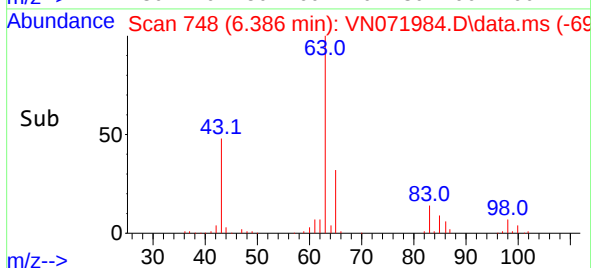
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

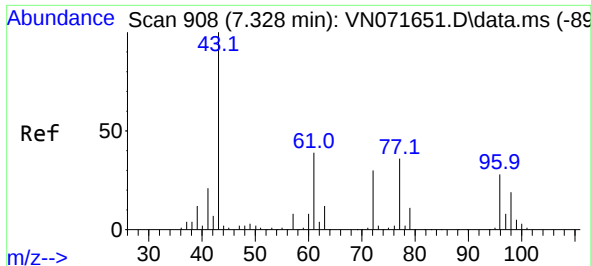


#24
 1,1-Dichloroethane
 Concen: 48.589 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.001 min
 Lab File: VN071984.D
 Acq: 13 Apr 2022 18:29



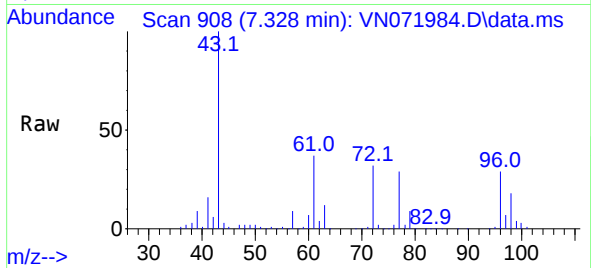
Tgt Ion: 63 Resp: 487986
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 252.683 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

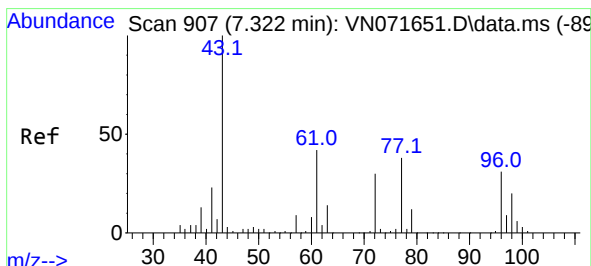
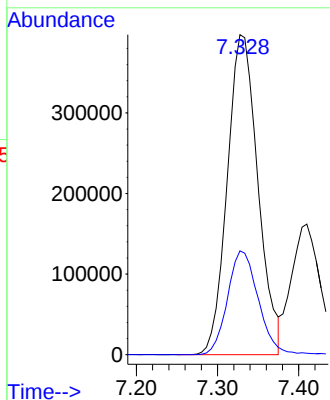
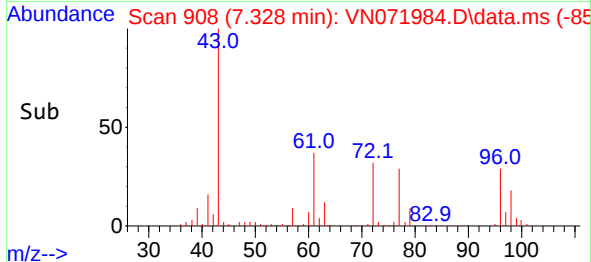
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



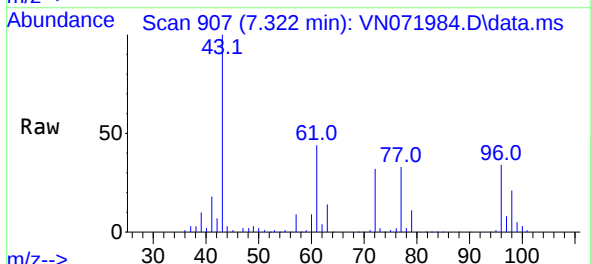
Tgt Ion: 43 Resp: 1042490
Ion Ratio Lower Upper
43 100
72 32.4 23.7 35.5

Manual Integrations
APPROVED

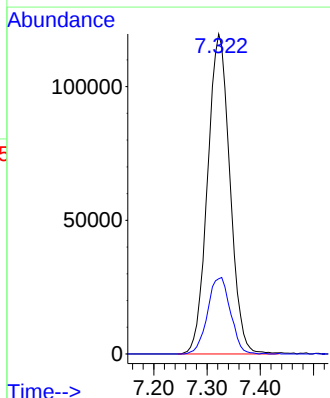
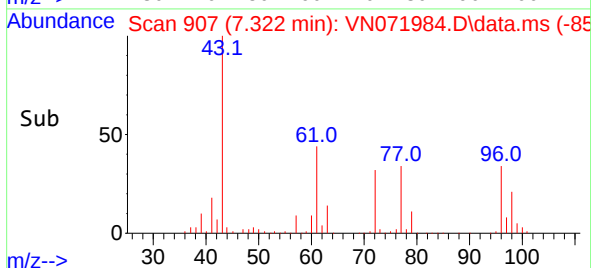
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#26
2,2-Dichloropropane
Concen: 40.388 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion: 77 Resp: 348455
Ion Ratio Lower Upper
77 100
97 24.4 11.4 34.2





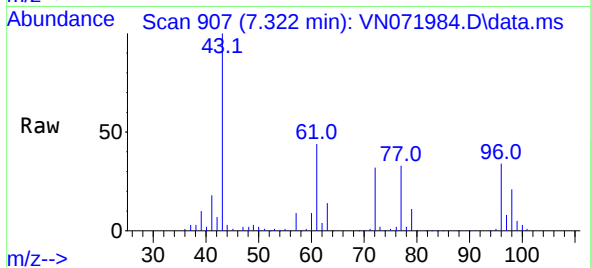
#27
cis-1,2-Dichloroethene
Concen: 49.338 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



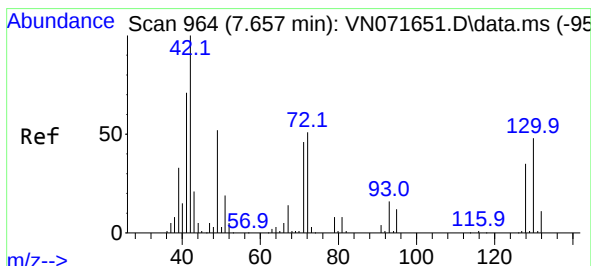
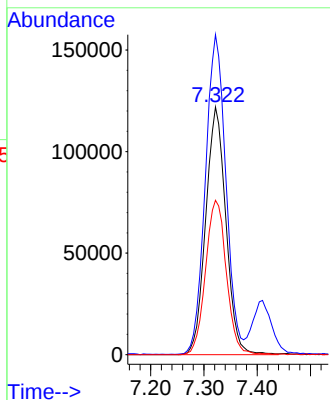
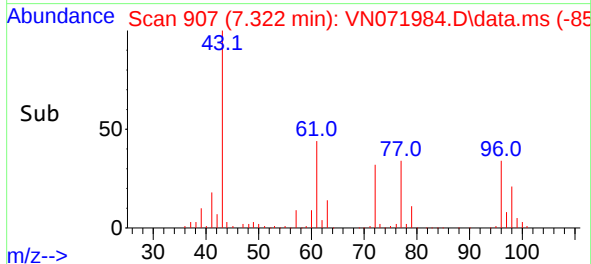
Tgt Ion: 96 Resp: 321569
Ion Ratio Lower Upper
96 100
61 130.9 0.0 280.6
98 64.3 0.0 128.4

Manual Integrations

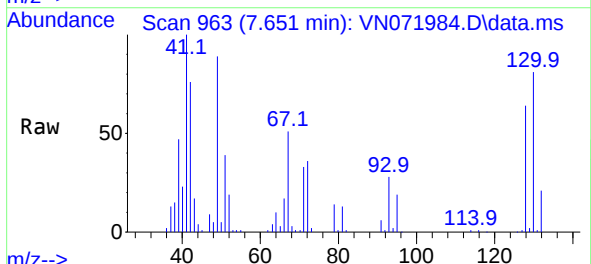
APPROVED

Reviewed By :John Carlone 04/14/2022

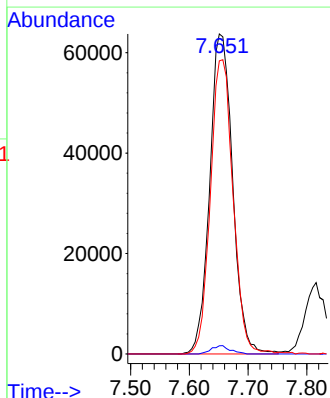
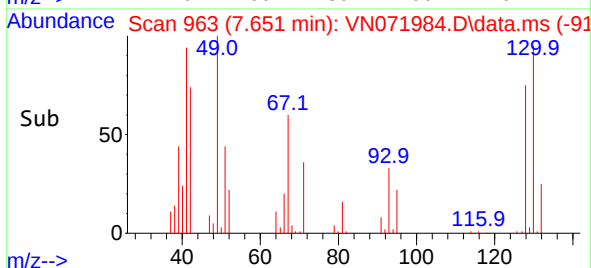
Supervised By :Mahesh Dadoda 04/14/2022



#28
Bromochloromethane
Concen: 42.639 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion: 49 Resp: 172747
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 91.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 259.413 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071984.D

Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 693008

Ion Ratio Lower Upper

42 100

72 53.0 39.7 59.5

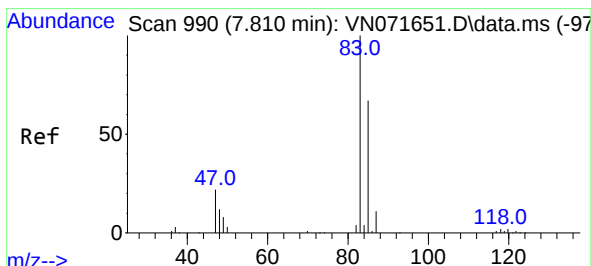
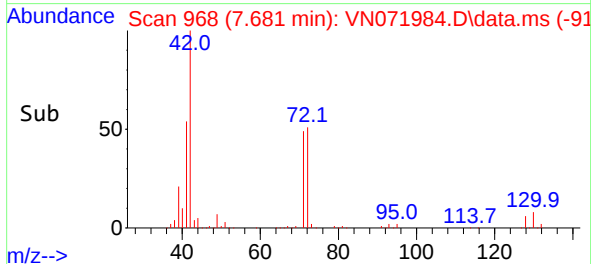
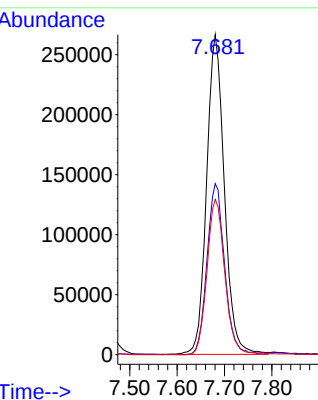
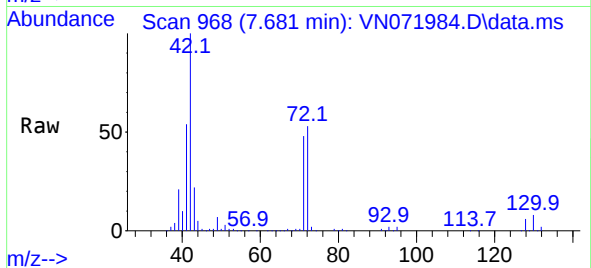
71 49.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#30

Chloroform

Concen: 47.278 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071984.D

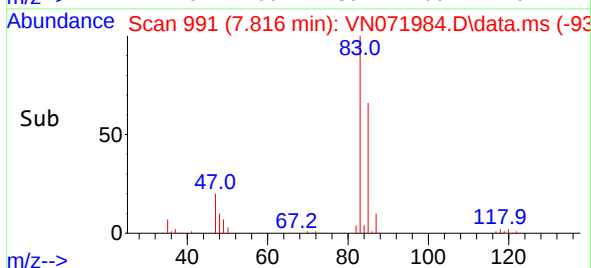
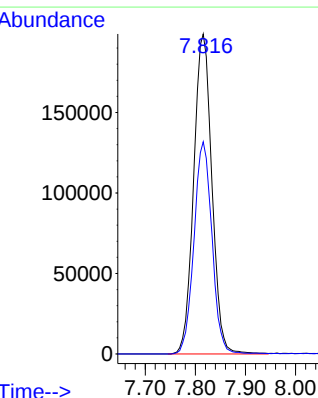
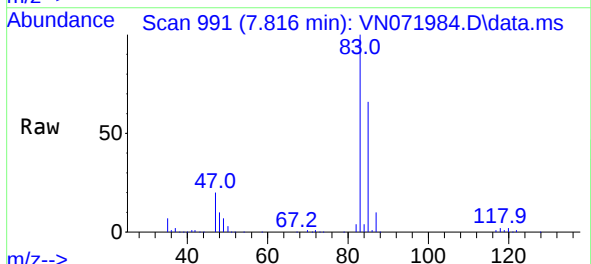
Acq: 13 Apr 2022 18:29

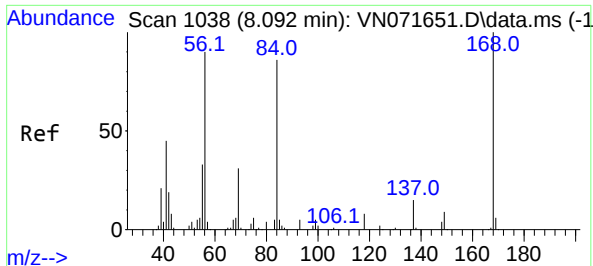
Tgt Ion: 83 Resp: 501363

Ion Ratio Lower Upper

83 100

85 66.3 51.8 77.8





#31

Cyclohexane

Concen: 48.099 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071984.D

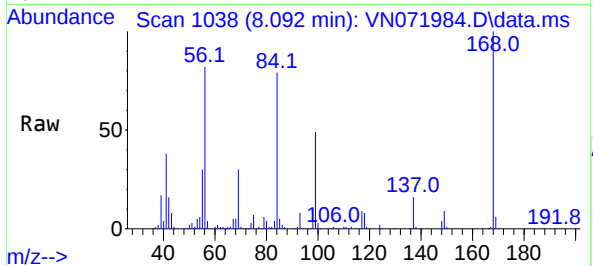
Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 438034

Ion Ratio Lower Upper

56 100

69 36.2 27.8 41.8

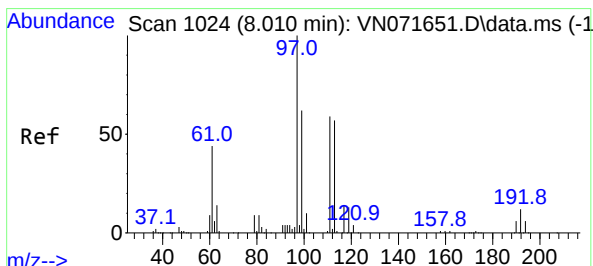
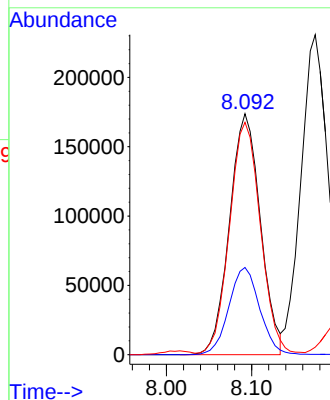
84 94.8 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#32

1,1,1-Trichloroethane

Concen: 47.741 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN071984.D

Acq: 13 Apr 2022 18:29

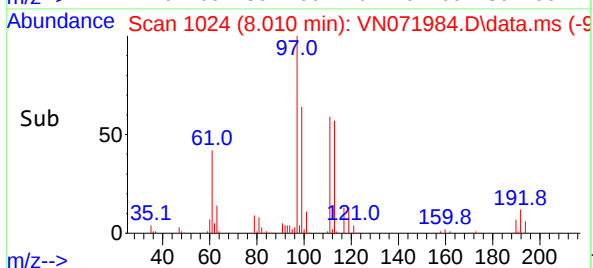
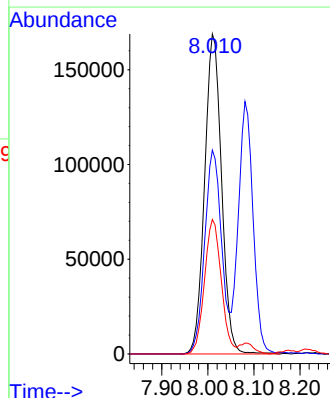
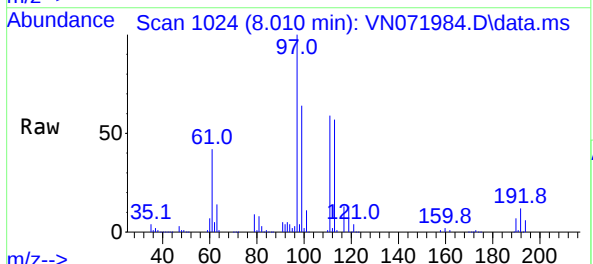
Tgt Ion: 97 Resp: 433120

Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

61 41.8 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 44.615 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

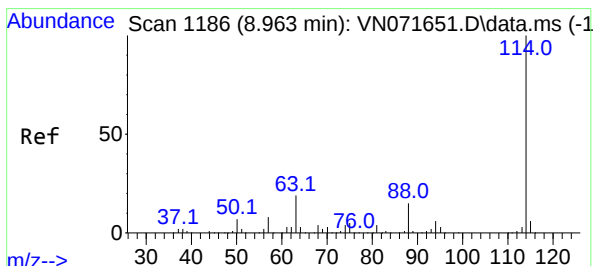
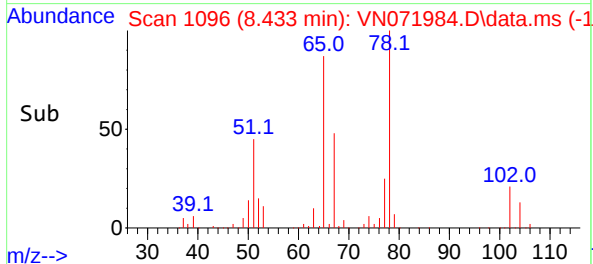
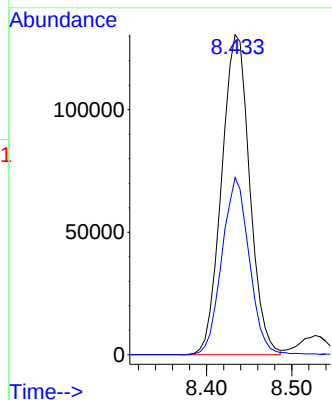
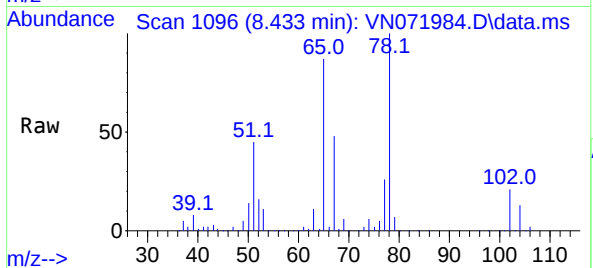
VSTDCCC050EC

Tgt Ion: 65 Resp: 298762
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8

Manual Integrations

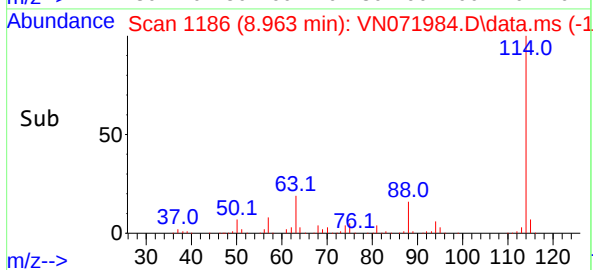
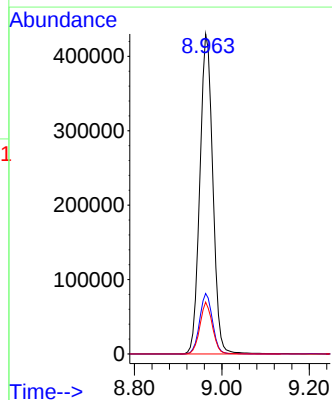
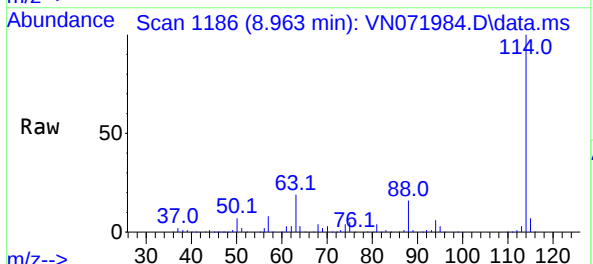
APPROVED

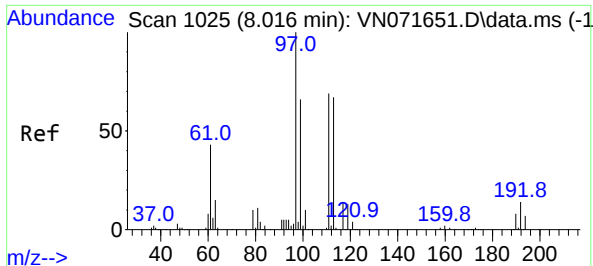
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

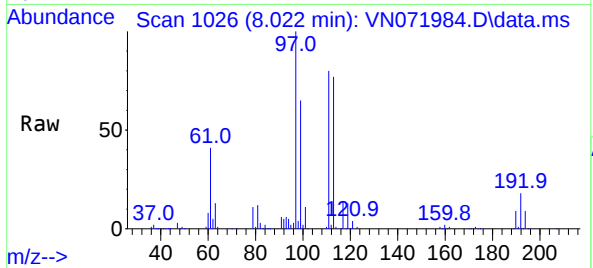
Tgt Ion:114 Resp: 888002
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 16.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.885 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

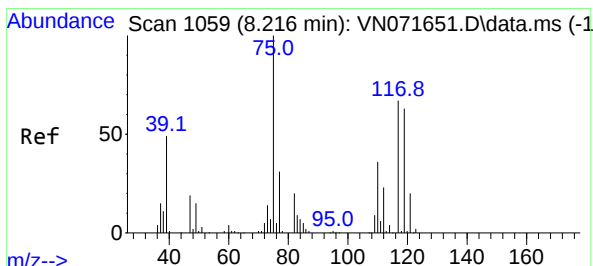
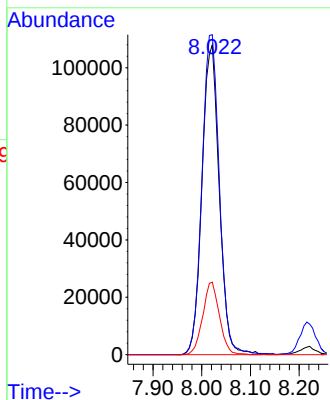
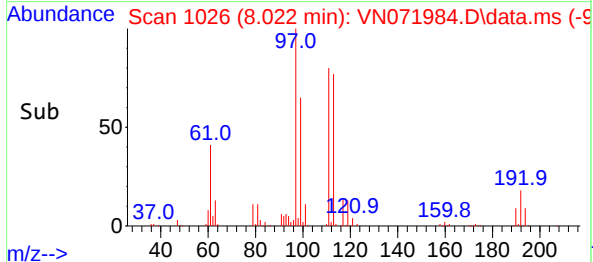
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



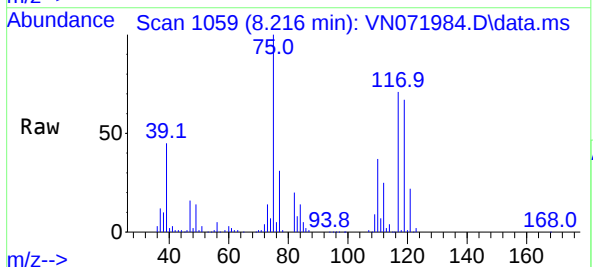
Tgt Ion: 113 Resp: 26589
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 22.6 17.0 25.6

Manual Integrations
APPROVED

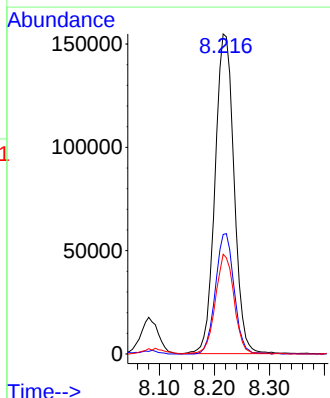
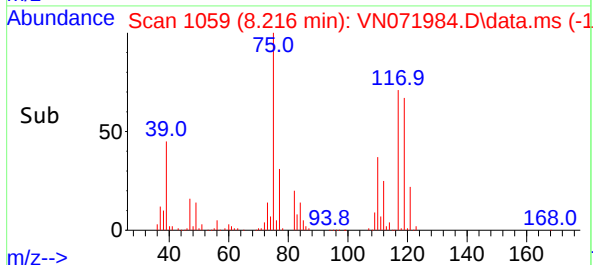
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

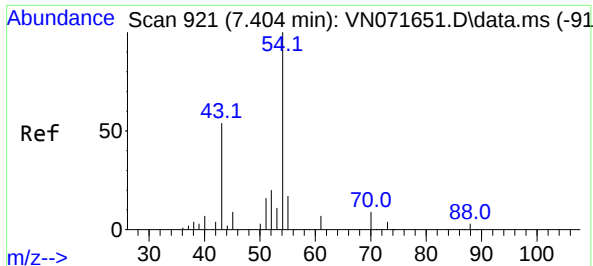


#36
1,1-Dichloropropene
Concen: 51.047 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion: 75 Resp: 372493
Ion Ratio Lower Upper
75 100
110 36.9 18.3 54.8
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 51.505 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN071984.D

Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 41136

Ion Ratio Lower Upper

43 100

61 16.3 11.8 17.6

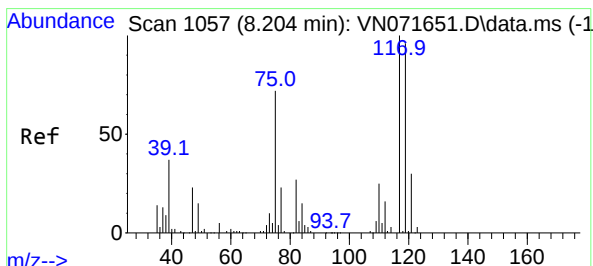
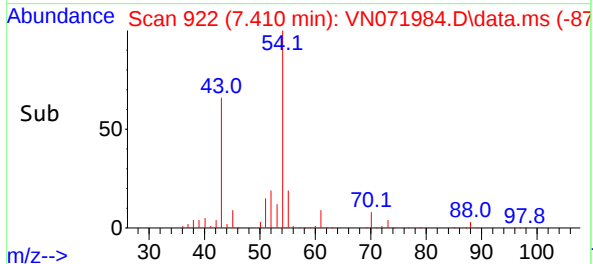
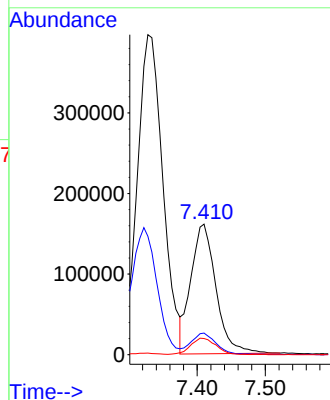
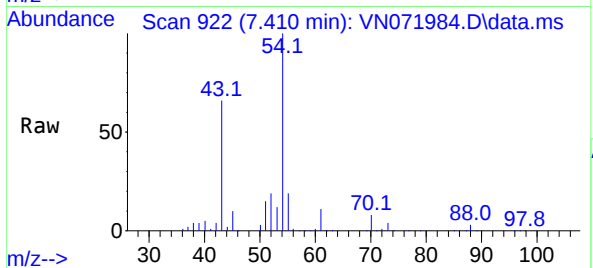
70 12.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#38

Carbon Tetrachloride

Concen: 50.693 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN071984.D

Acq: 13 Apr 2022 18:29

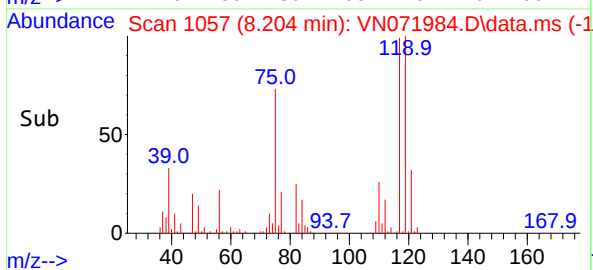
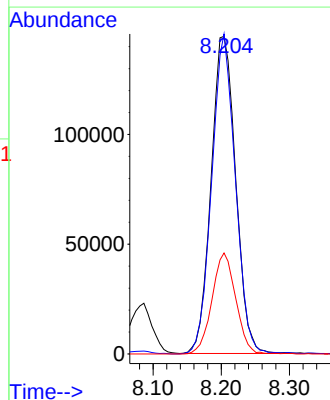
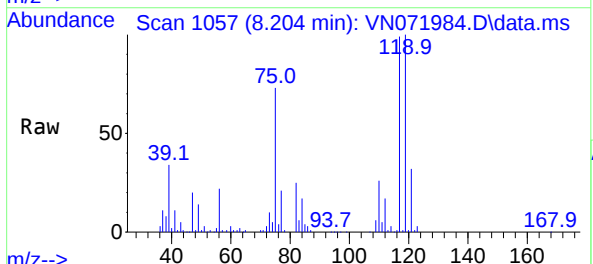
Tgt Ion:117 Resp: 362532

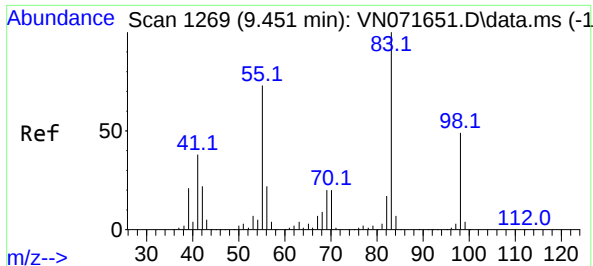
Ion Ratio Lower Upper

117 100

119 100.9 75.8 113.8

121 31.8 24.6 37.0





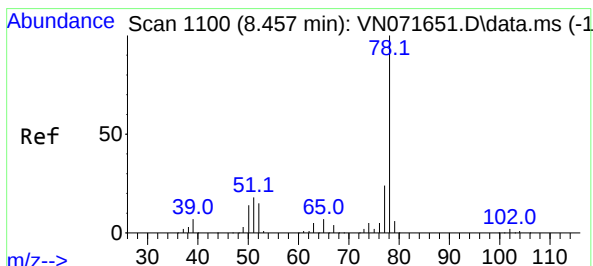
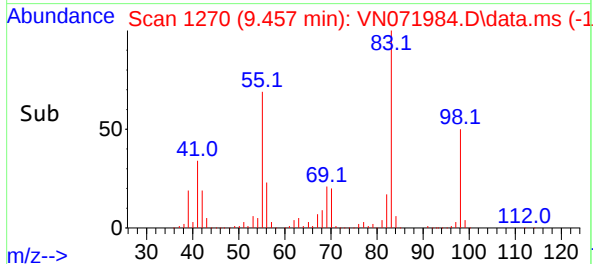
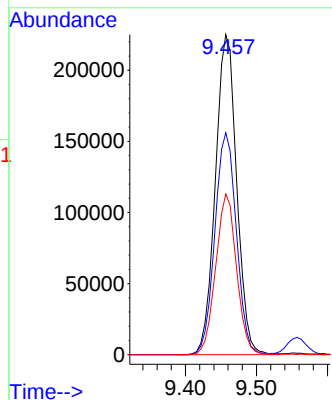
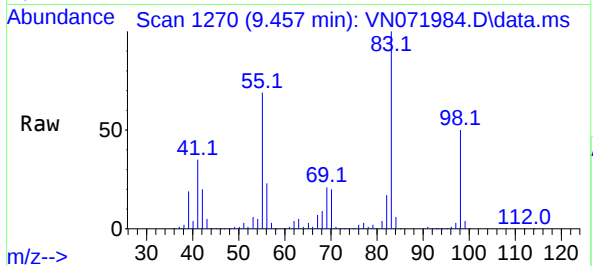
#39
Methylcyclohexane
Concen: 53.847 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 467720
Ion Ratio Lower Upper
83 100
55 69.3 57.8 86.8
98 50.2 39.4 59.2

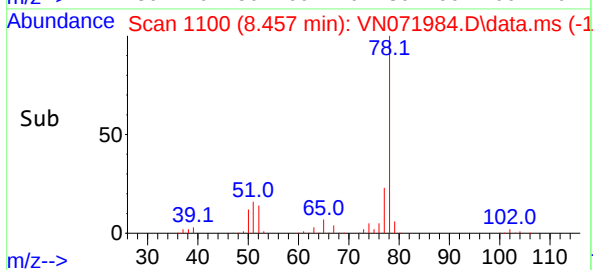
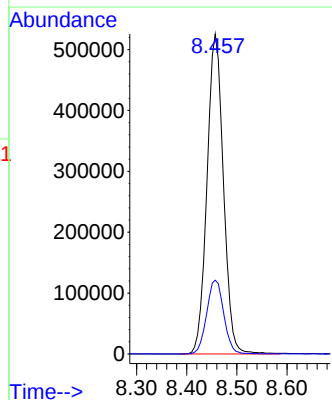
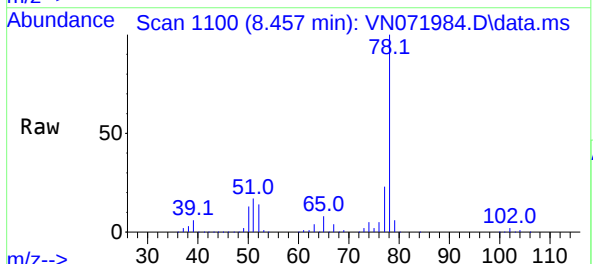
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#40
Benzene
Concen: 51.836 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

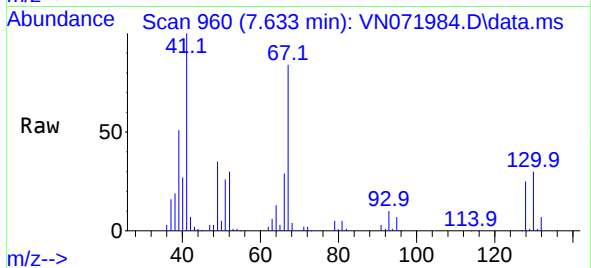
Tgt Ion: 78 Resp: 1194882
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0





#41
Methacrylonitrile
Concen: 54.096 ug/l
RT: 7.633 min Scan# 911
Delta R.T. 0.005 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

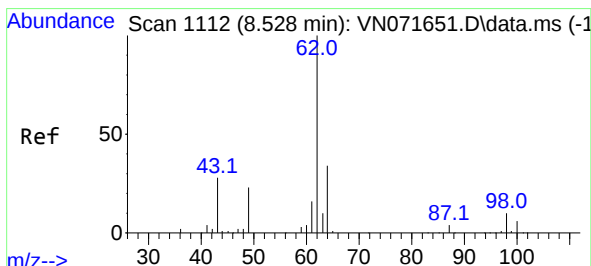
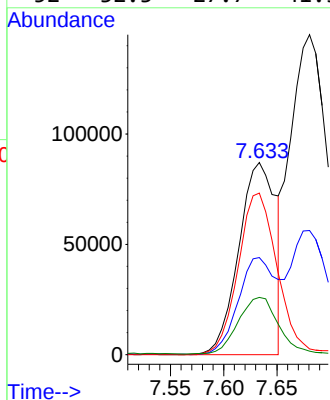
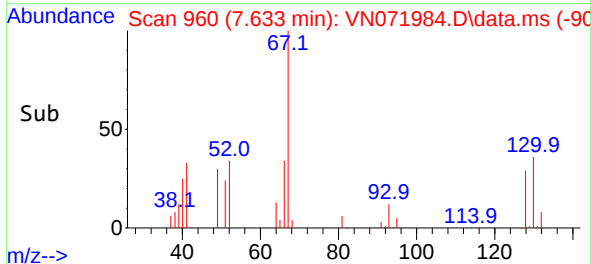
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



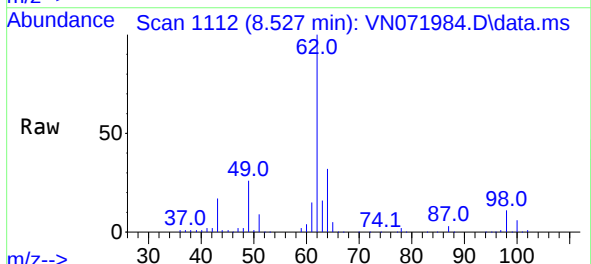
Tgt Ion: 41 Resp: 211554
Ion Ratio Lower Upper
41 100
39 50.5 48.6 73.0
67 89.5 73.4 110.2
52 32.3 27.7 41.5

Manual Integrations
APPROVED

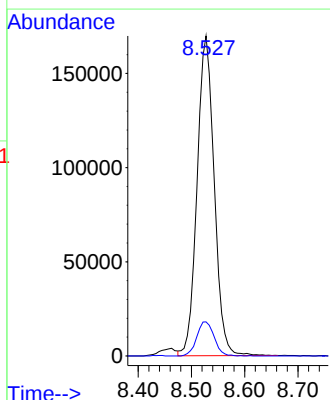
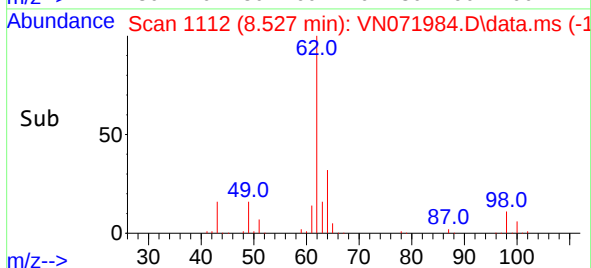
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
1,2-Dichloroethane
Concen: 47.504 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



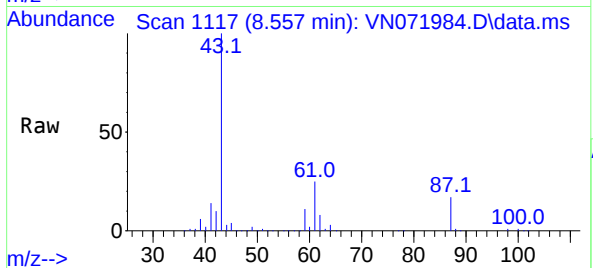
Tgt Ion: 62 Resp: 378794
Ion Ratio Lower Upper
62 100
98 10.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 47.473 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

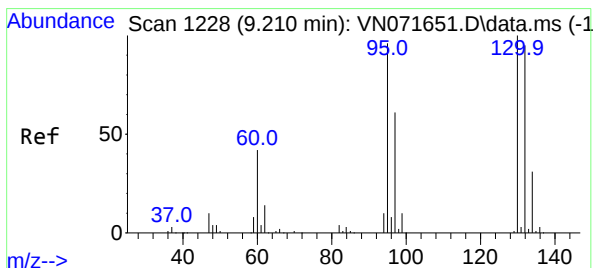
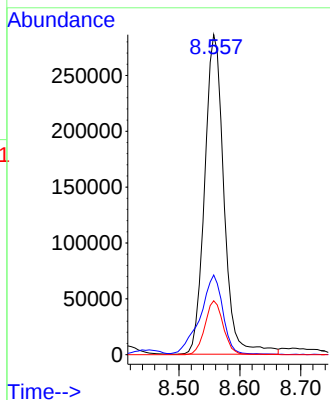
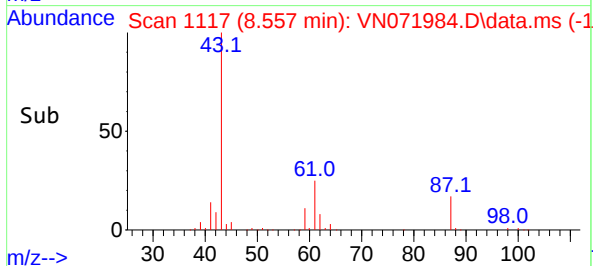
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



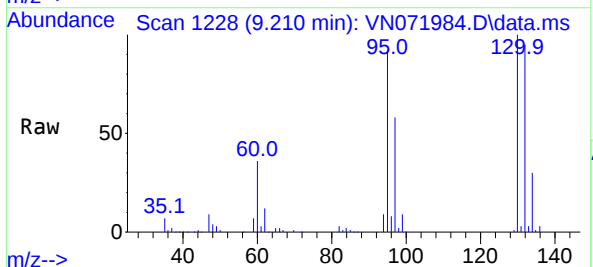
Tgt Ion: 43 Resp: 630664
Ion Ratio Lower Upper
43 100
61 29.4 21.9 32.9
87 16.0 12.0 18.0

Manual Integrations
APPROVED

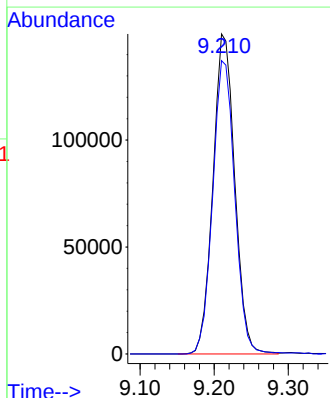
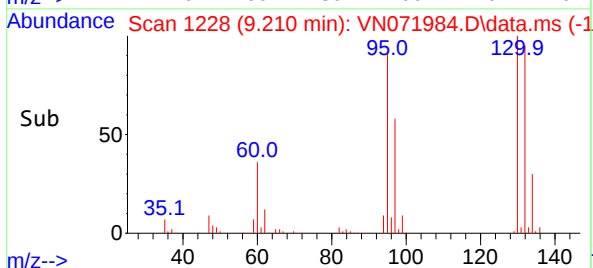
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

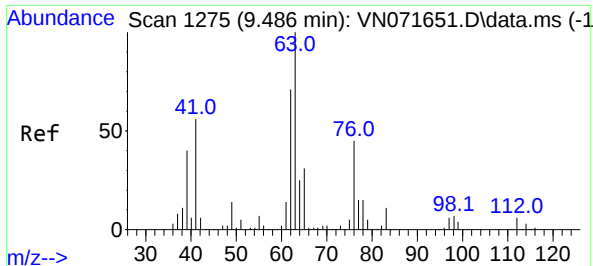


#44
Trichloroethene
Concen: 51.445 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



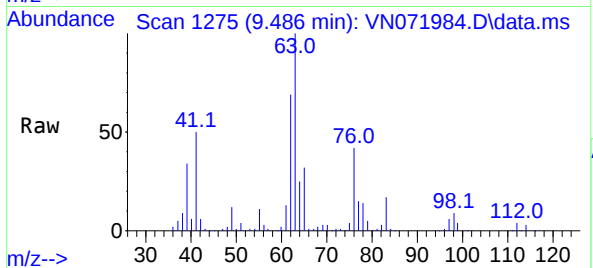
Tgt Ion:130 Resp: 305513
Ion Ratio Lower Upper
130 100
95 91.7 0.0 186.8





#45
1,2-Dichloropropane
Concen: 51.157 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

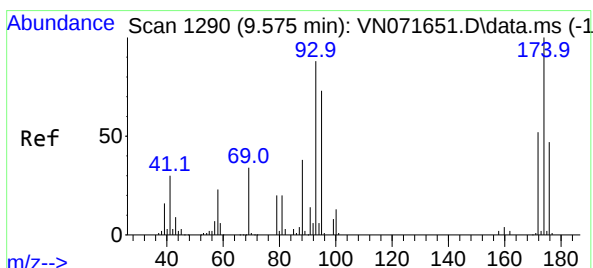
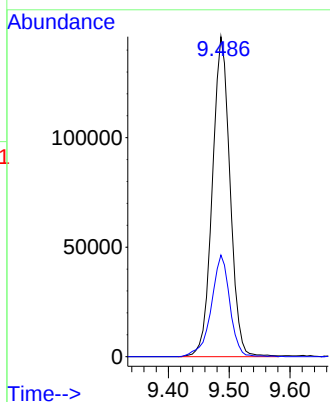
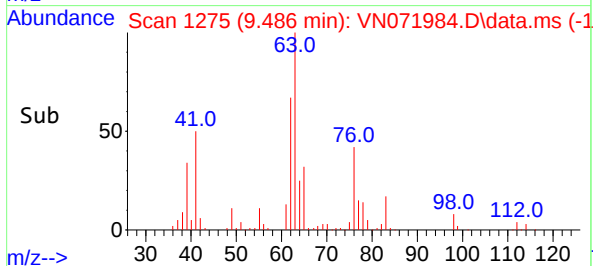
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



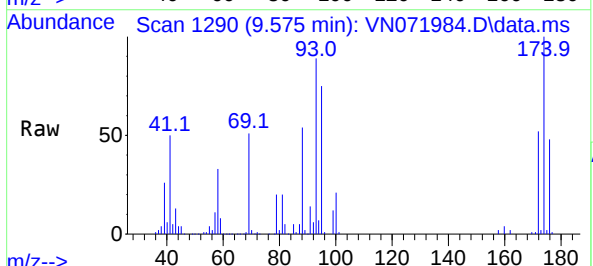
Tgt Ion: 63 Resp: 294592
Ion Ratio Lower Upper
63 100
65 31.7 24.9 37.3

Manual Integrations
APPROVED

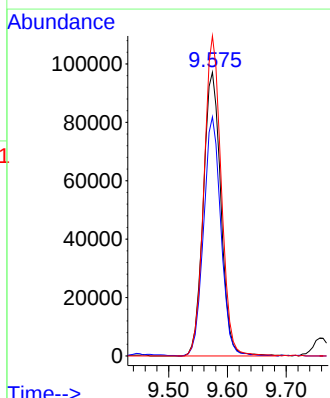
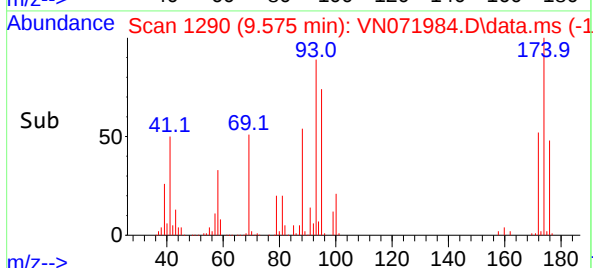
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

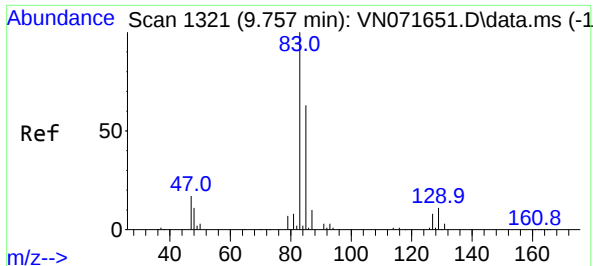


#46
Dibromomethane
Concen: 51.564 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion: 93 Resp: 201609
Ion Ratio Lower Upper
93 100
95 83.0 66.9 100.3
174 110.6 86.6 130.0





#47
Bromodichloromethane
Concen: 51.660 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

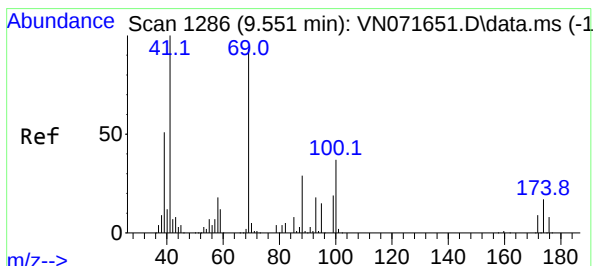
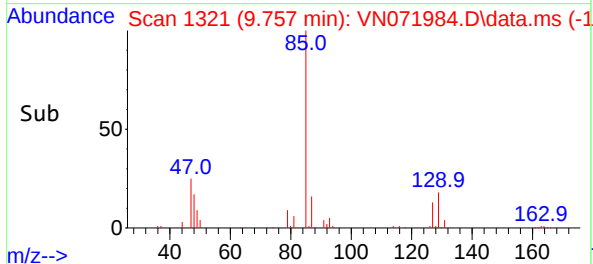
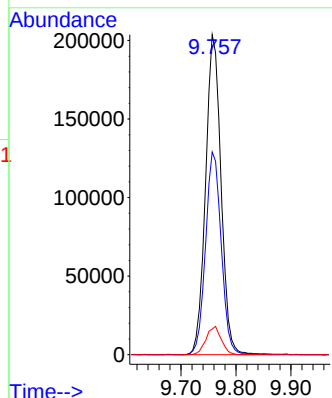
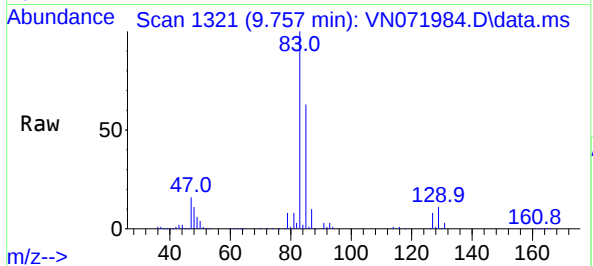
Tgt Ion: 83 Resp: 397590
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 8.0 6.8 10.2

Manual Integrations

APPROVED

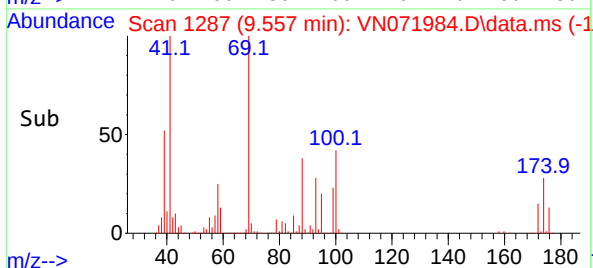
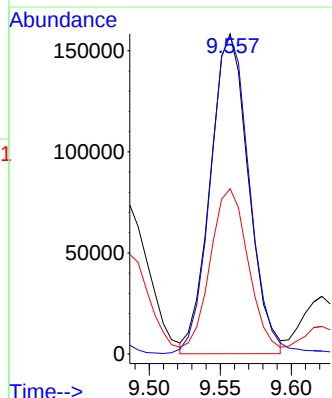
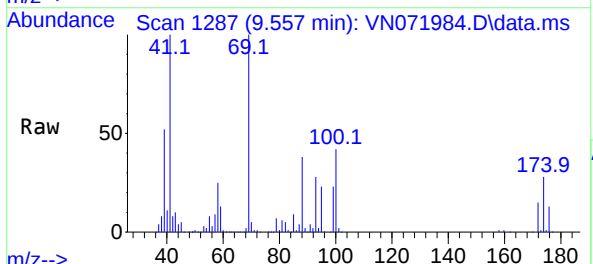
Reviewed By :John Carlone 04/14/2022

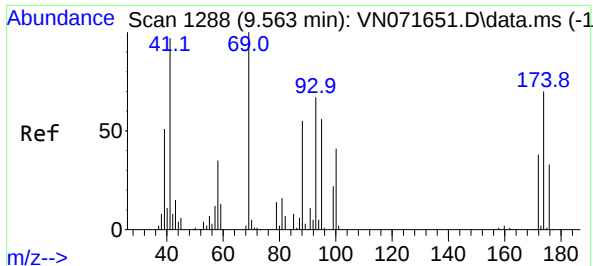
Supervised By :Mahesh Dadoda 04/14/2022



#48
Methyl methacrylate
Concen: 53.546 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

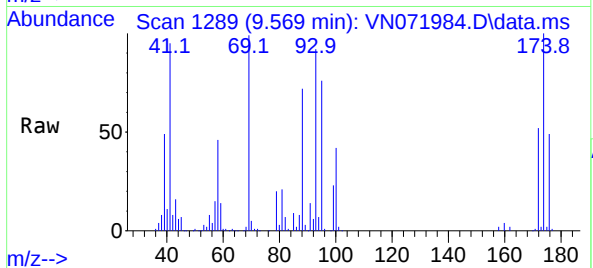
Tgt Ion: 41 Resp: 295123
Ion Ratio Lower Upper
41 100
69 102.0 74.7 112.1
39 51.8 45.6 68.4





#49
1,4-Dioxane
Concen: 1161.739 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

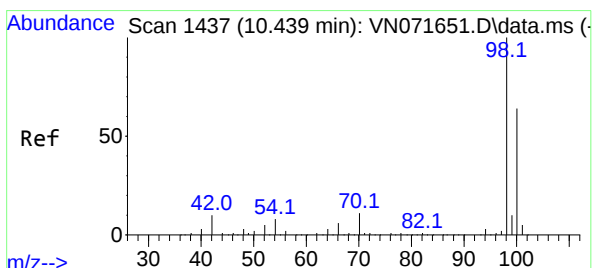
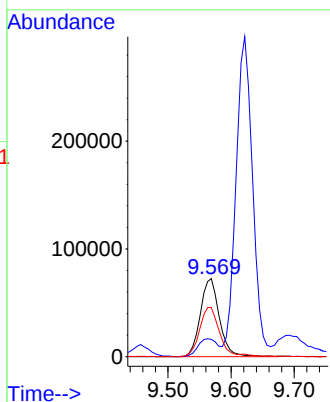
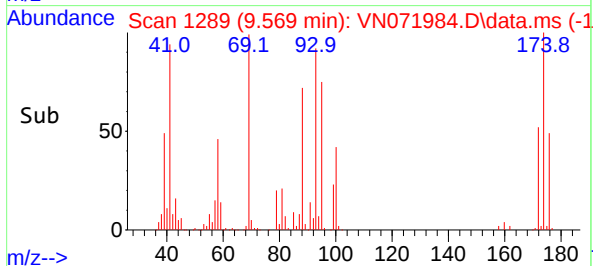
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 15161
Ion Ratio Lower Upper
88 100
43 25.1 20.2 30.4
58 66.7 54.2 81.4

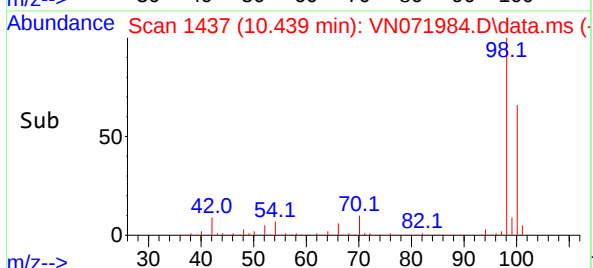
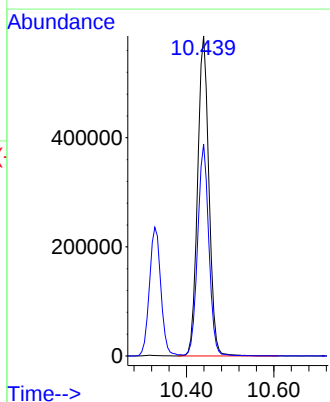
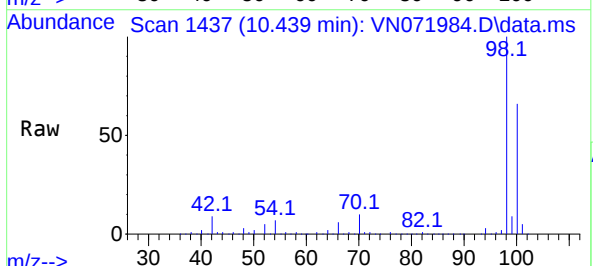
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#50
Toluene-d8
Concen: 49.468 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Tgt Ion: 98 Resp: 1057424
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





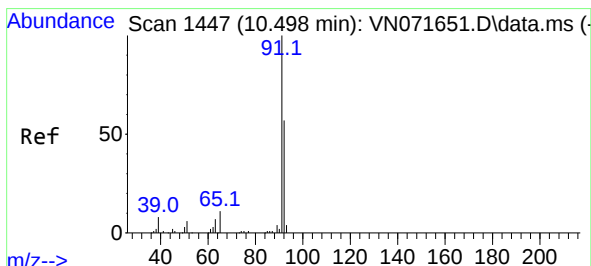
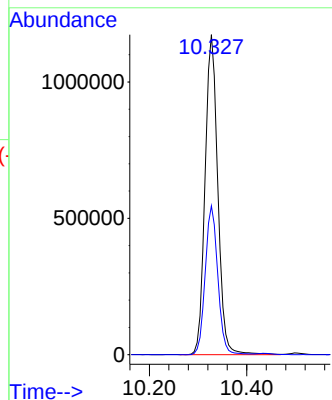
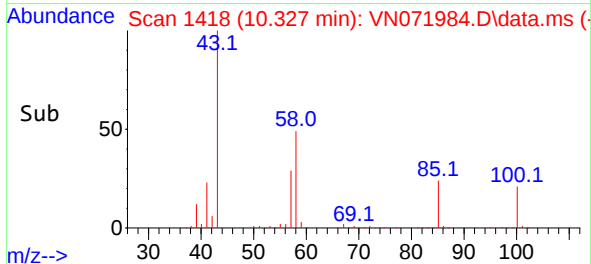
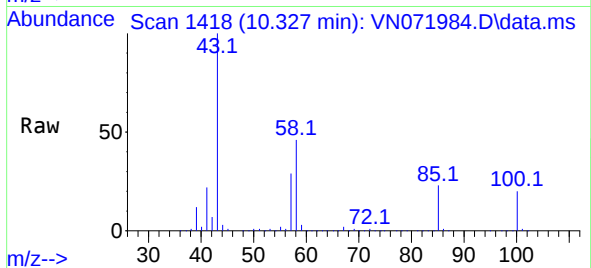
#51
4-Methyl-2-Pentanone
Concen: 277.517 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 211965
Ion Ratio Lower Upper
43 100
58 46.1 34.1 51.1

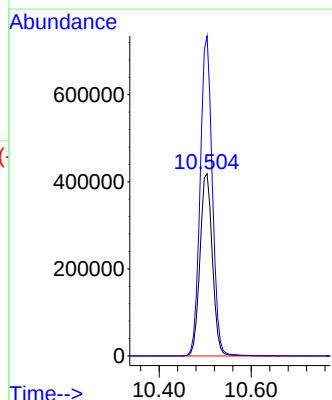
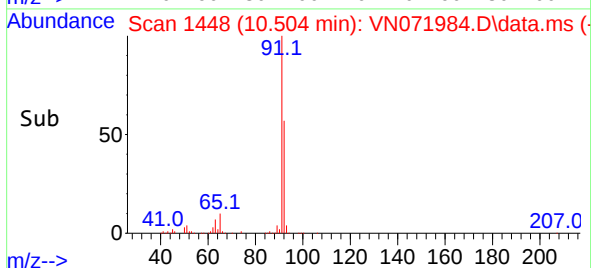
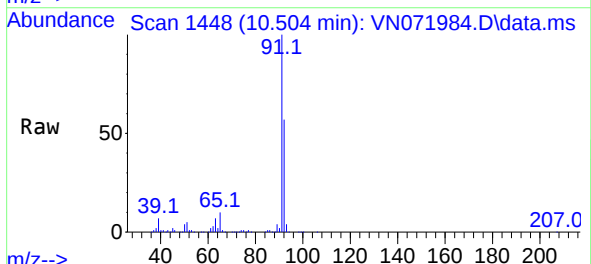
Manual Integrations
APPROVED

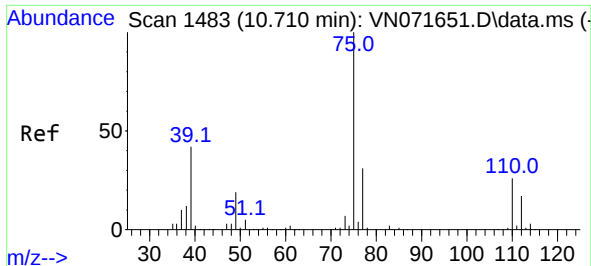
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#52
Toluene
Concen: 53.780 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Tgt Ion: 92 Resp: 783632
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





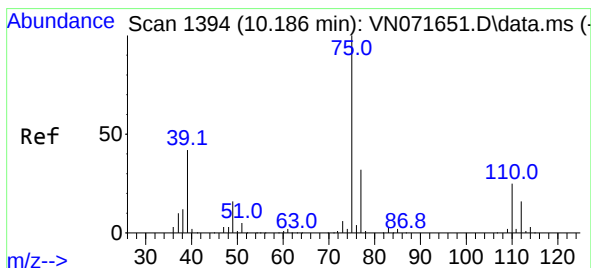
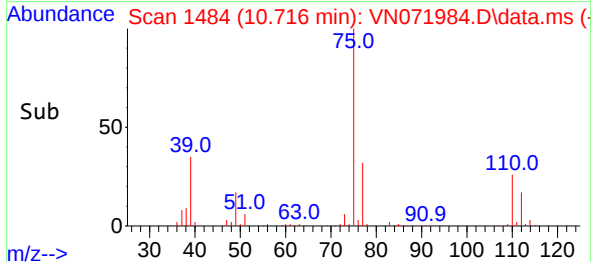
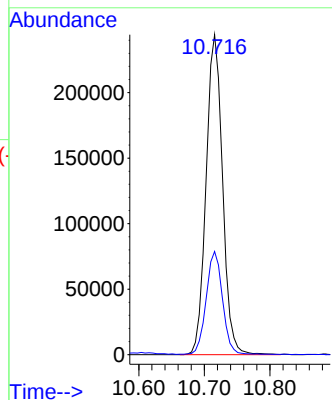
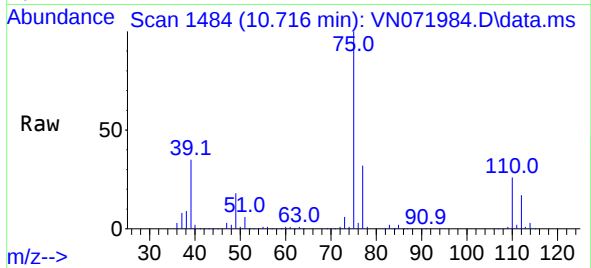
#53
t-1,3-Dichloropropene
Concen: 53.006 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 42756
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

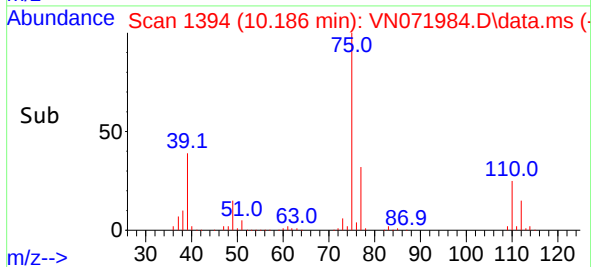
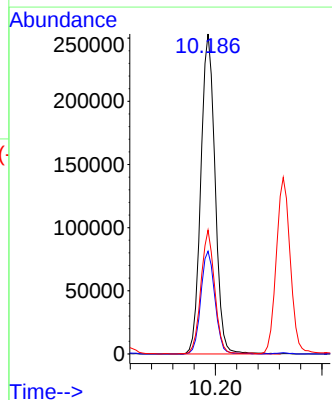
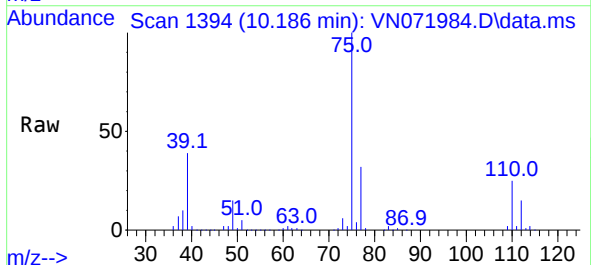
Manual Integrations
APPROVED

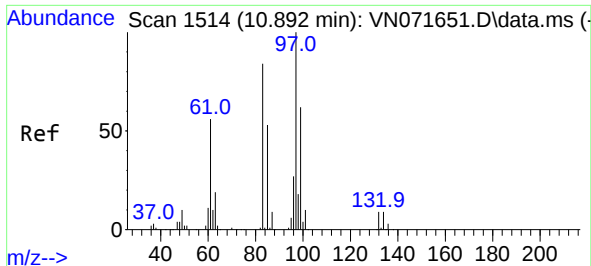
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#54
cis-1,3-Dichloropropene
Concen: 52.597 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

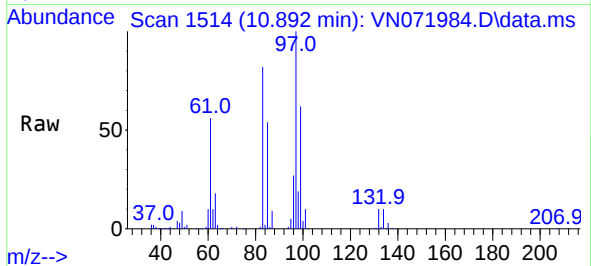
Tgt Ion: 75 Resp: 468780
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 38.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 51.509 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

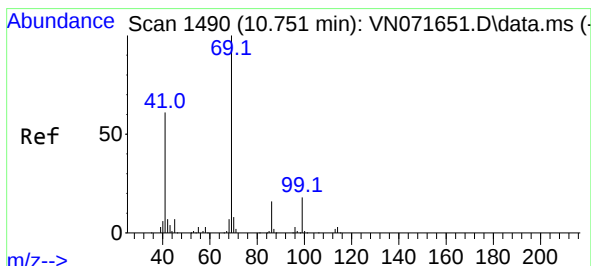
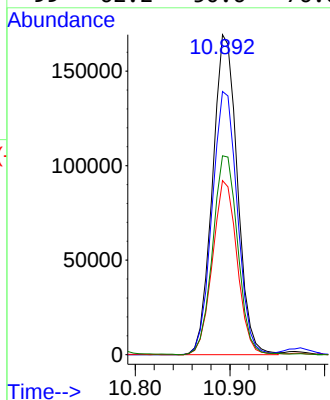
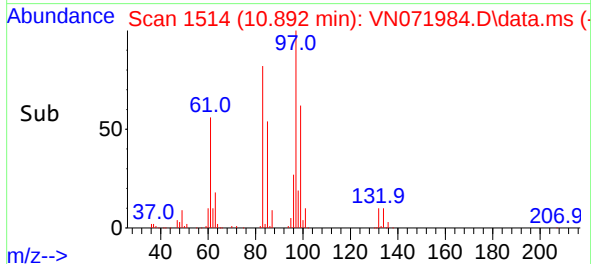
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



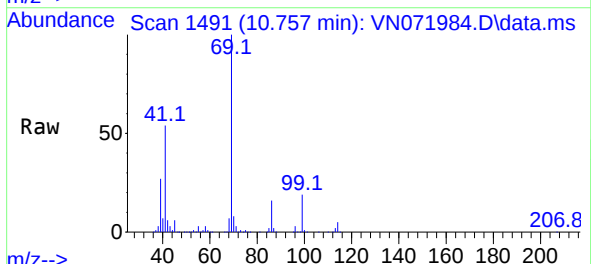
Tgt Ion:	97	Resp:	30889
Ion Ratio	100	Lower	Upper
97	100		
83	82.2	66.2	99.4
85	54.4	43.9	65.9
99	62.2	50.6	76.0

Manual Integrations
APPROVED

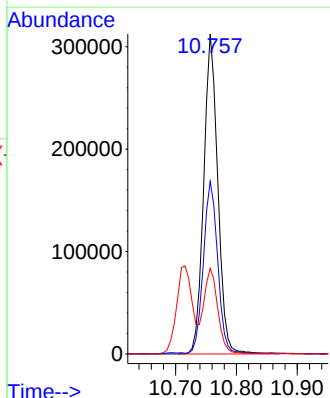
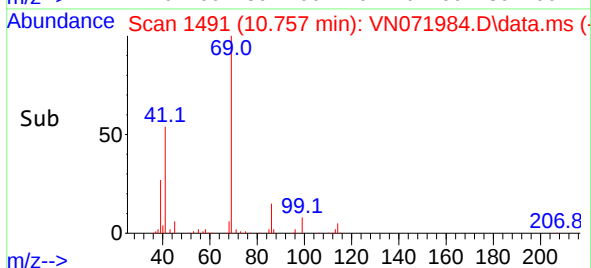
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

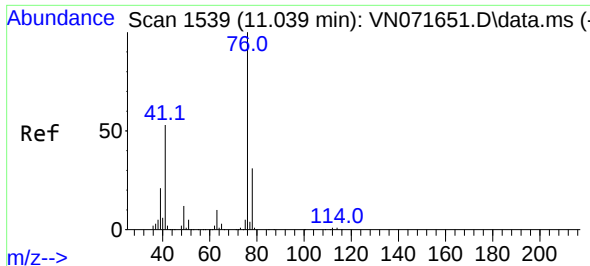


#56
Ethyl methacrylate
Concen: 58.626 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



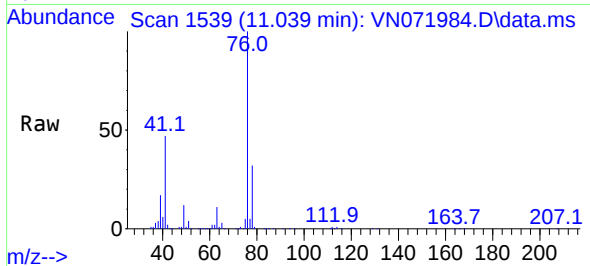
Tgt Ion:	69	Resp:	501544
Ion Ratio	100	Lower	Upper
69	100		
41	54.4	47.8	71.6
39	25.5	27.3	40.9





#57
1,3-Dichloropropane
Concen: 52.098 ug/l
RT: 11.039 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

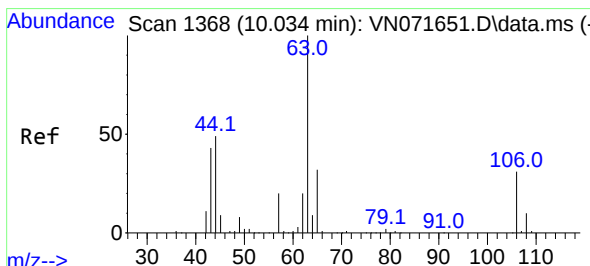
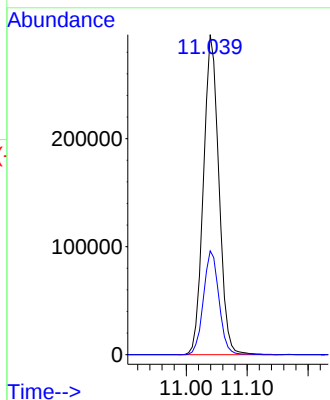
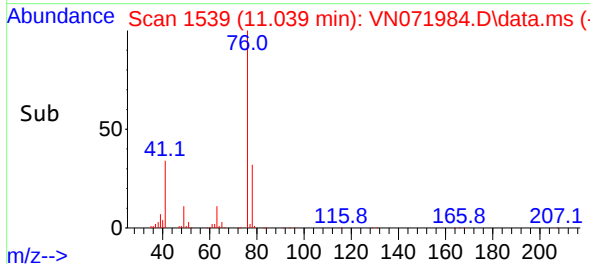
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



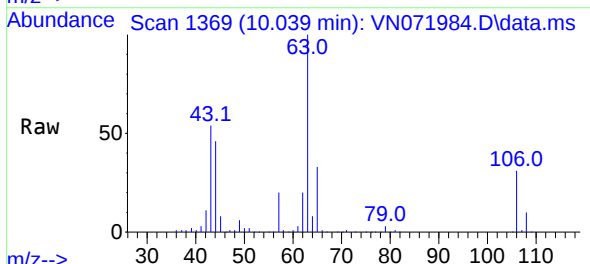
Tgt Ion: 76 Resp: 522369
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
APPROVED

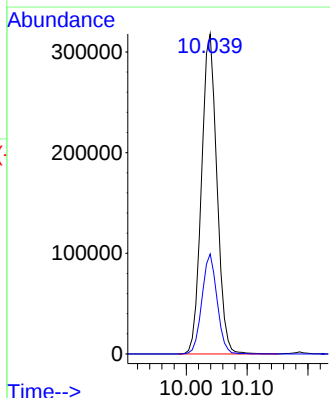
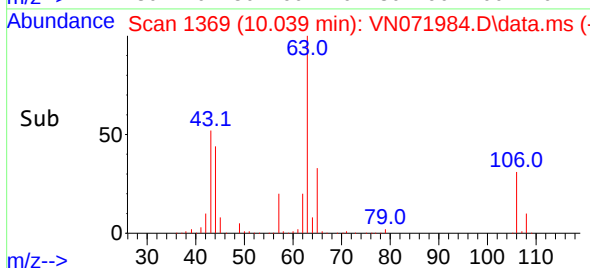
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

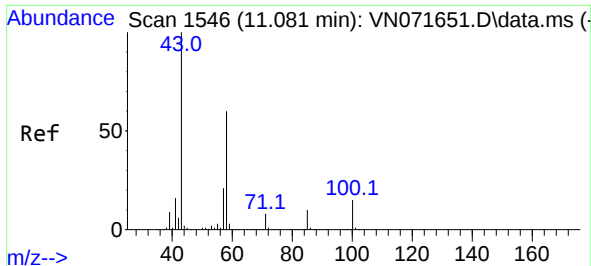


#58
2-Chloroethyl Vinyl ether
Concen: 214.504 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



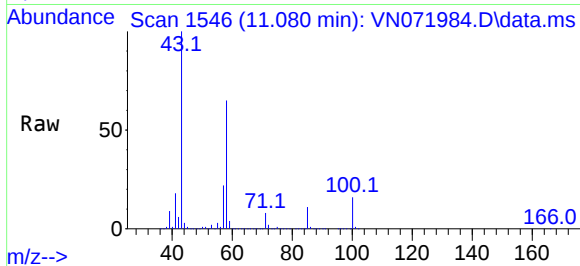
Tgt Ion: 63 Resp: 558148
Ion Ratio Lower Upper
63 100
106 30.6 24.6 36.8





#59
2-Hexanone
Concen: 279.649 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

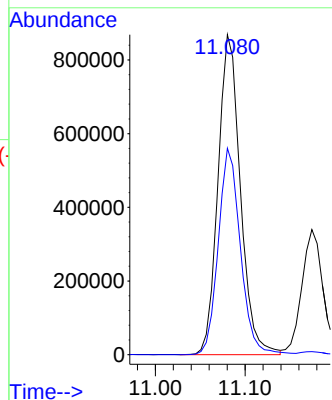
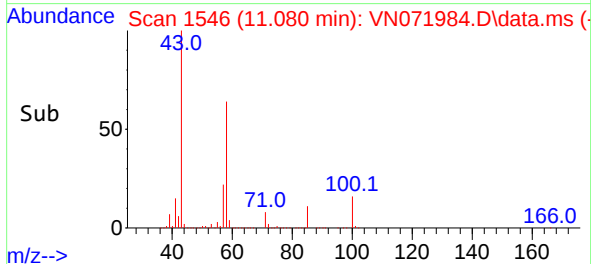
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 150380
Ion Ratio Lower Upper
43 100
58 63.8 29.7 89.1

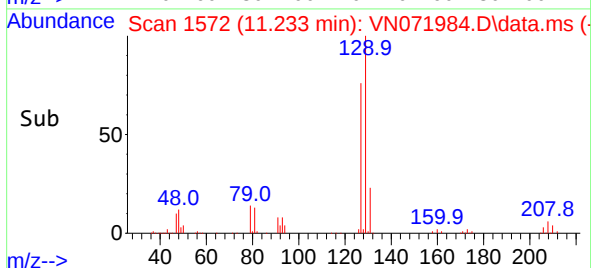
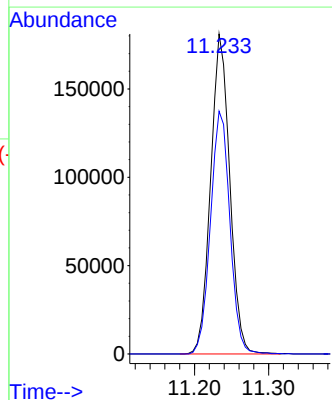
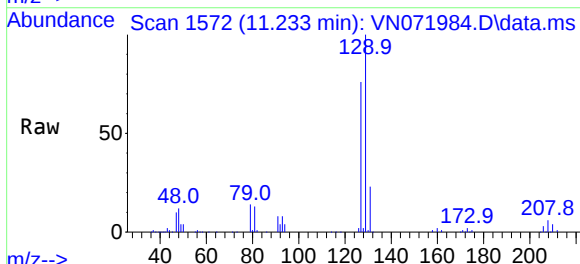
Manual Integrations
APPROVED

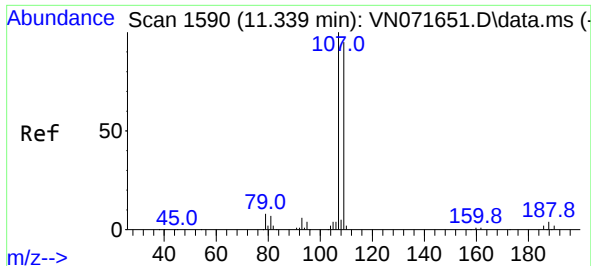
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#60
Dibromochloromethane
Concen: 55.590 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

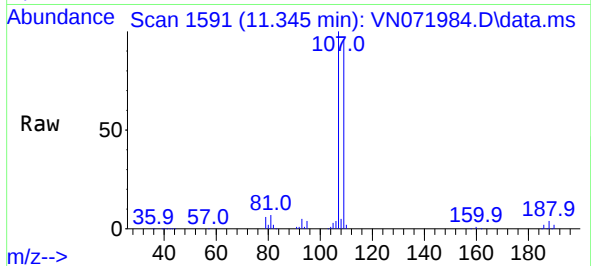
Tgt Ion:129 Resp: 325058
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.247 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

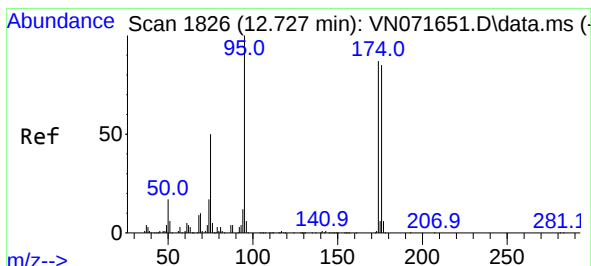
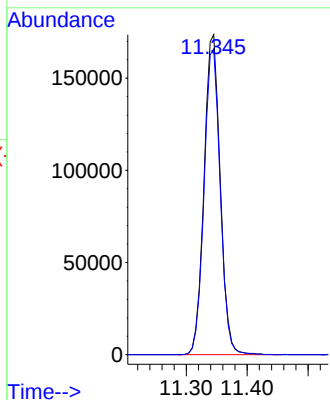
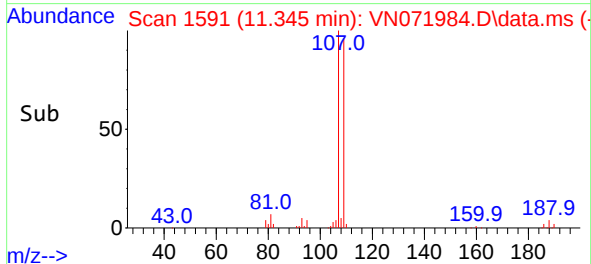
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



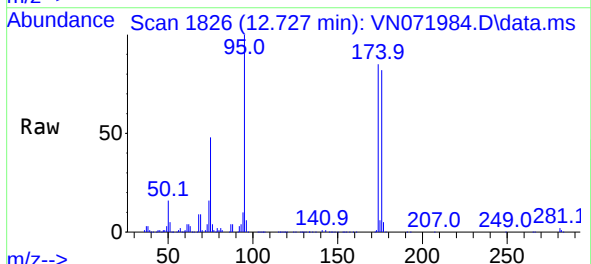
Tgt Ion:107 Resp: 32022
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6

Manual Integrations
APPROVED

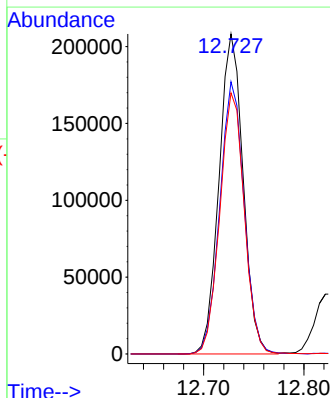
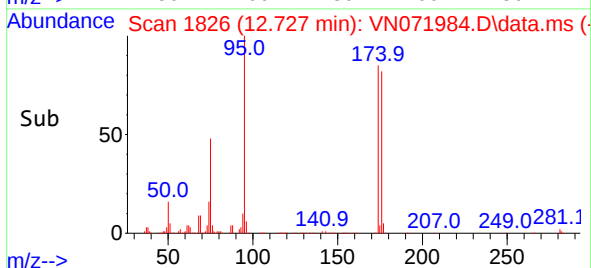
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

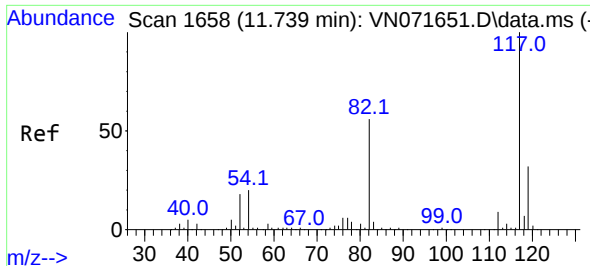


#62
4-Bromofluorobenzene
Concen: 50.071 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion: 95 Resp: 346152
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 82.8 0.0 163.4





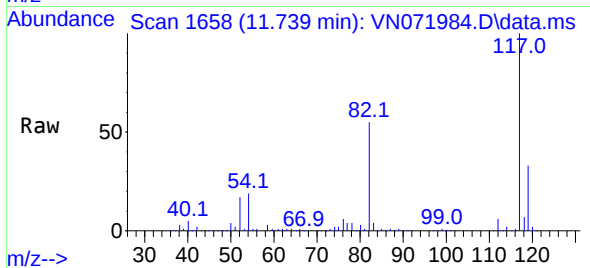
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



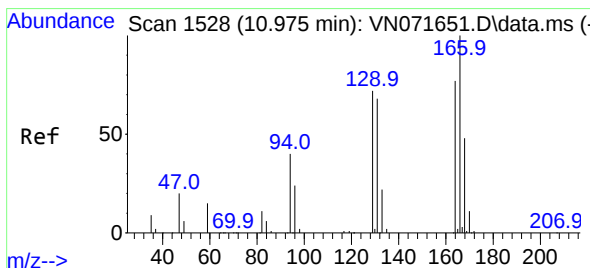
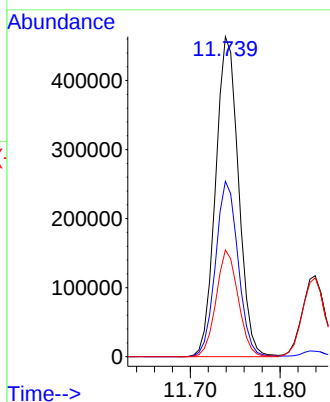
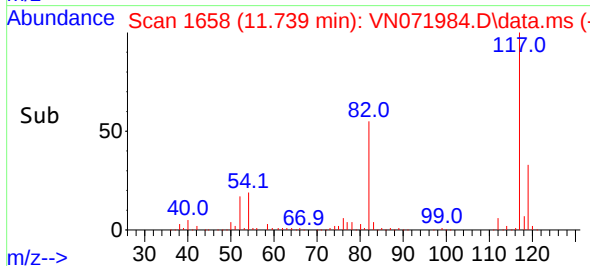
Tgt Ion:117 Resp: 820154
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 33.3 25.4 38.0

Manual Integrations

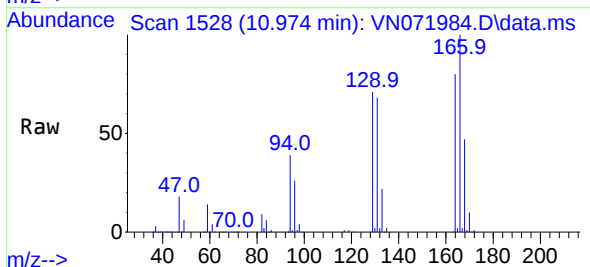
APPROVED

Reviewed By :John Carlone 04/14/2022

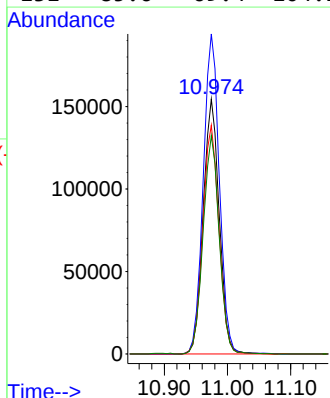
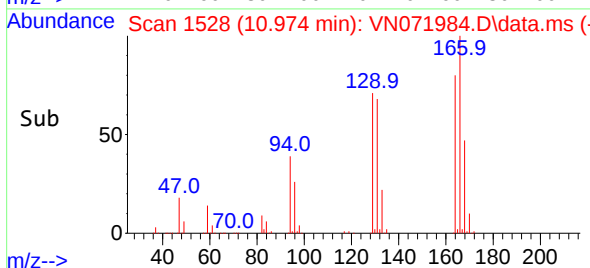
Supervised By :Mahesh Dadoda 04/14/2022

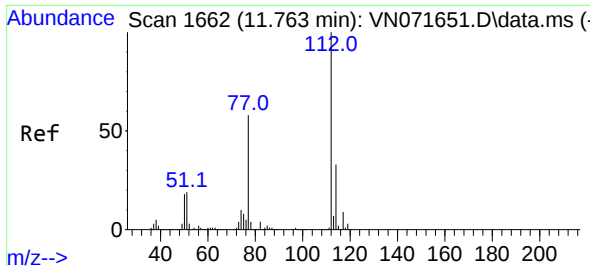


#64
Tetrachloroethene
Concen: 50.470 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion:164 Resp: 273333
Ion Ratio Lower Upper
164 100
166 125.5 104.2 156.2
129 89.6 73.9 110.9
131 85.6 69.4 104.2





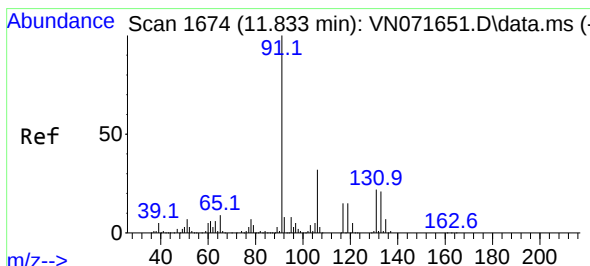
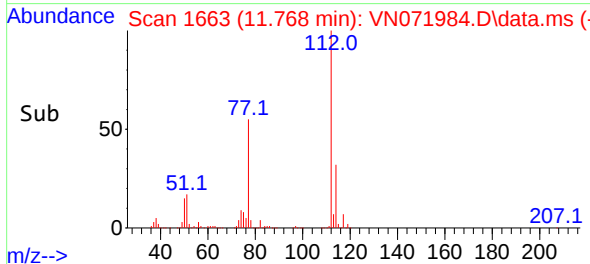
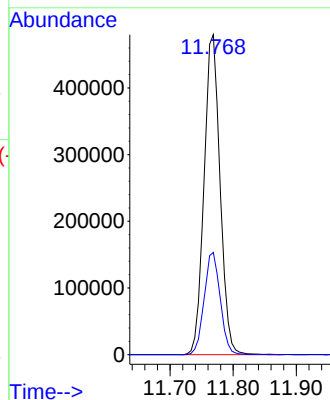
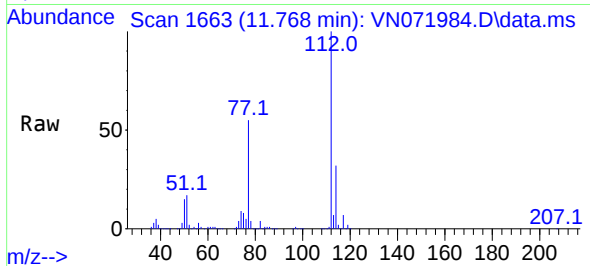
#65
Chlorobenzene
Concen: 51.479 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 845419
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

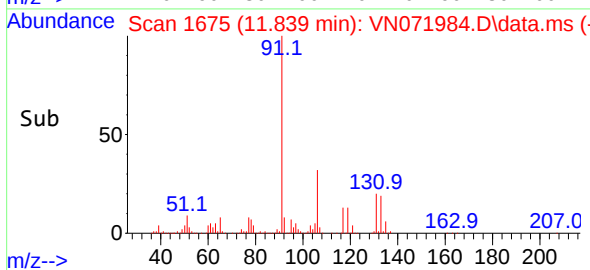
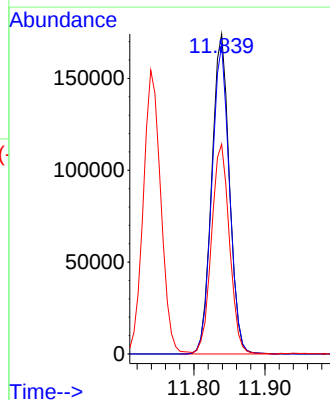
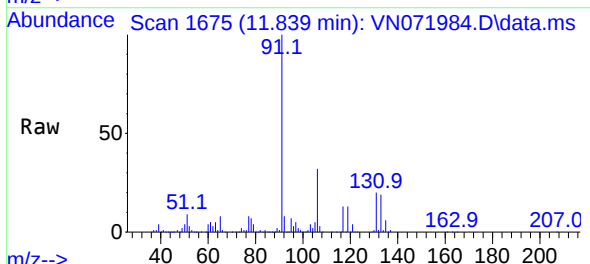
Manual Integrations
APPROVED

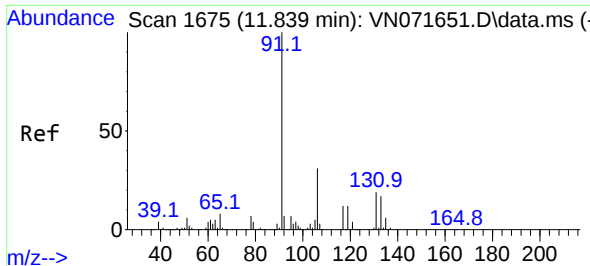
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.604 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

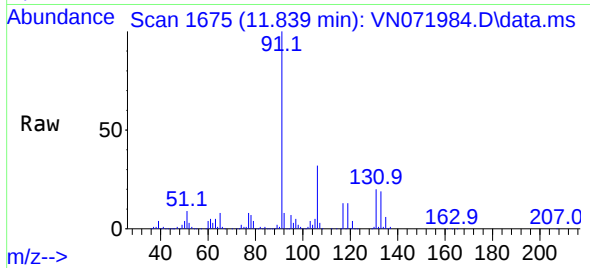
Tgt Ion:131 Resp: 299876
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.4
119 66.9 33.4 100.2





#67
Ethyl Benzene
Concen: 52.761 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

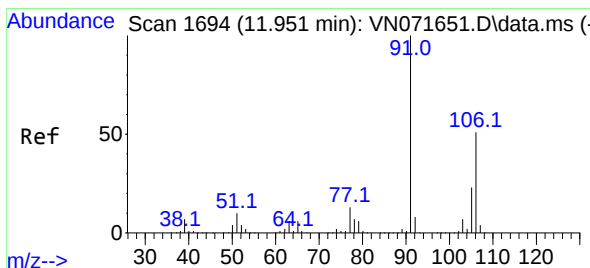
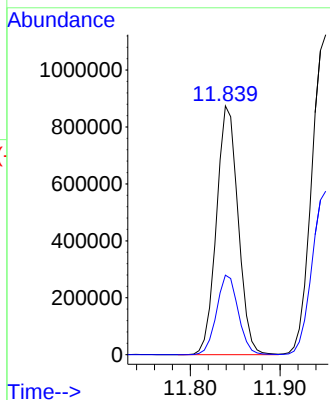
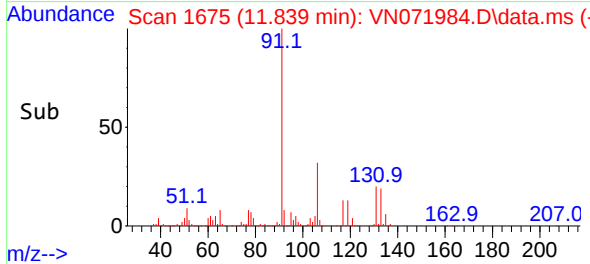
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



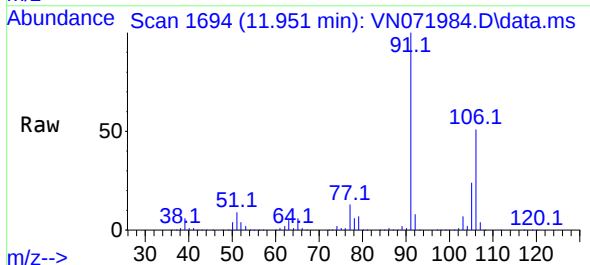
Tgt Ion: 91 Resp: 146679
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

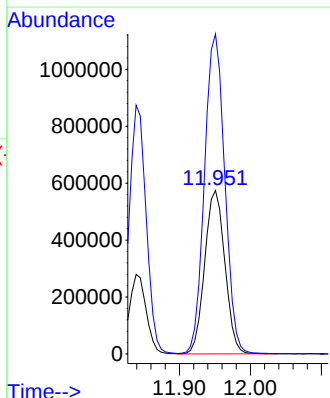
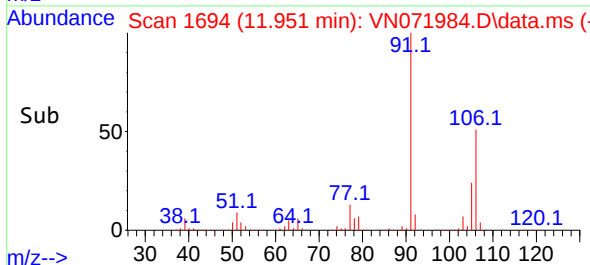
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

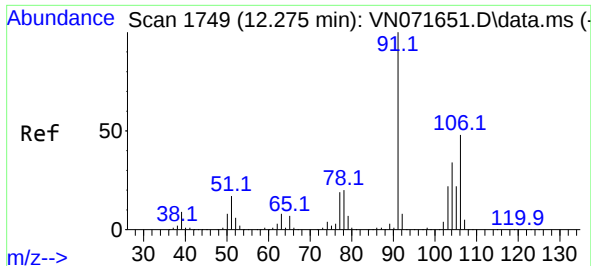


#68
m/p-Xylenes
Concen: 106.058 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion:106 Resp: 1132889
Ion Ratio Lower Upper
106 100
91 196.9 158.9 238.3





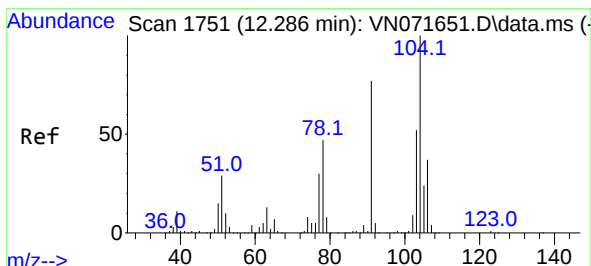
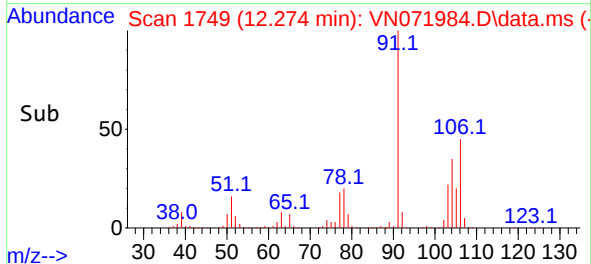
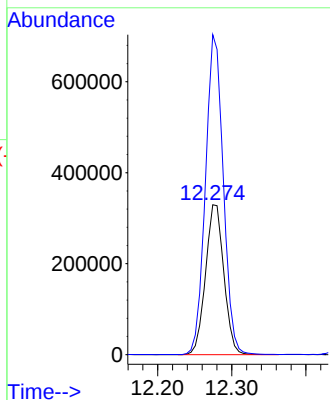
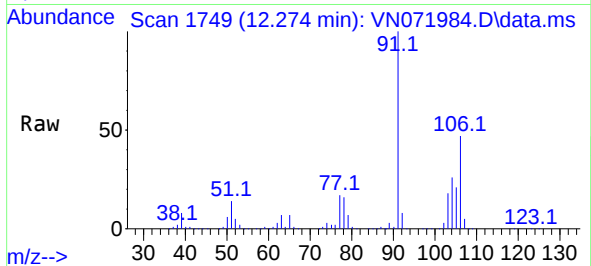
#69
o-Xylene
Concen: 53.368 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 56583
Ion Ratio Lower Upper
106 100
91 207.8 106.0 318.0

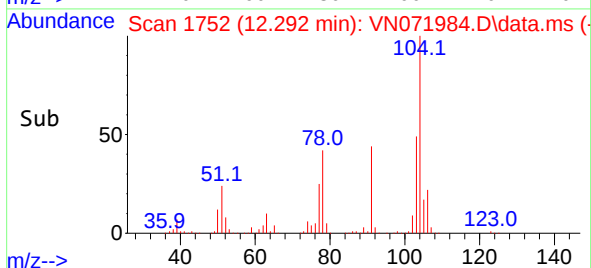
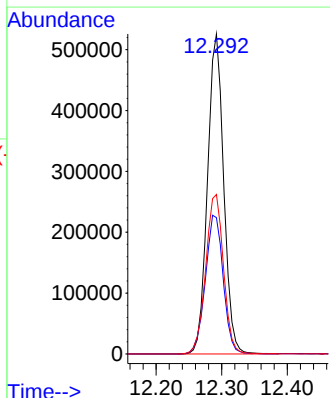
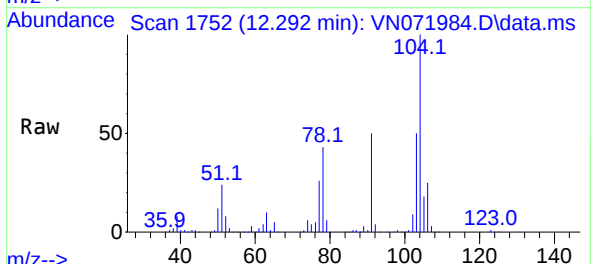
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#70
Styrene
Concen: 56.219 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Tgt Ion:104 Resp: 903115
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 54.8 44.0 66.0





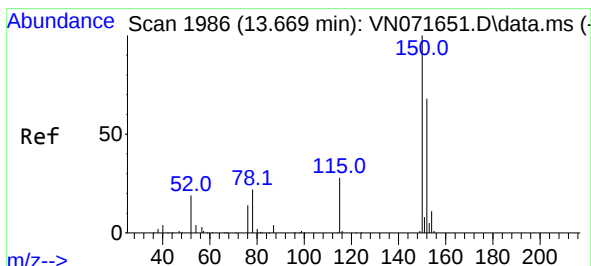
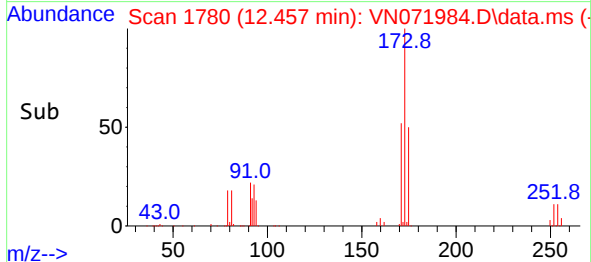
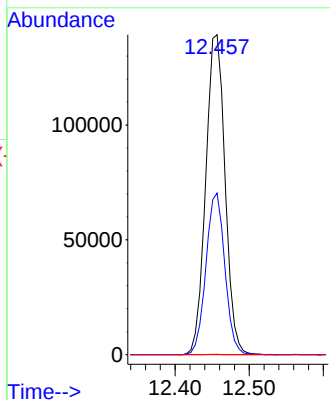
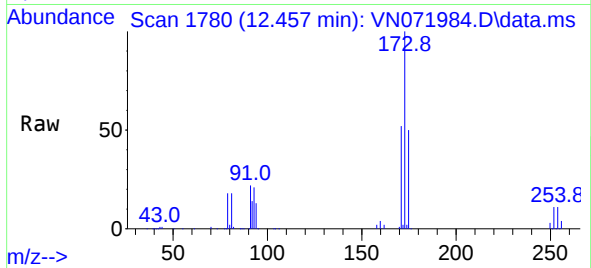
#71
Bromoform
Concen: 56.057 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 252970
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.1 0.1 0.1

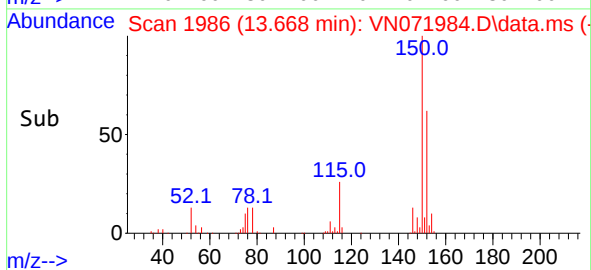
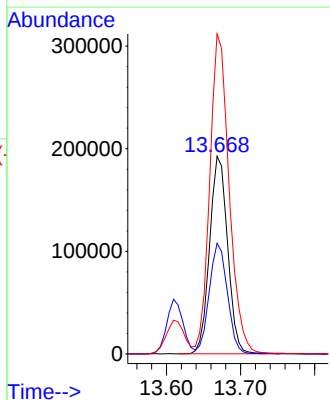
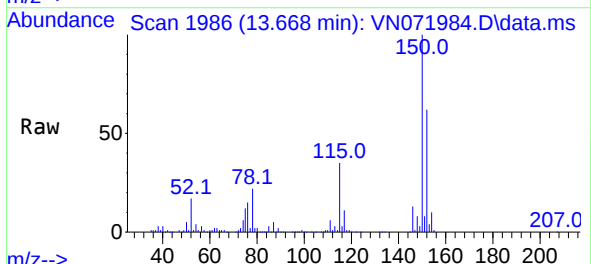
Manual Integrations
APPROVED

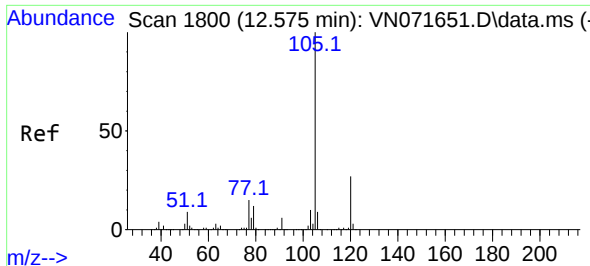
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

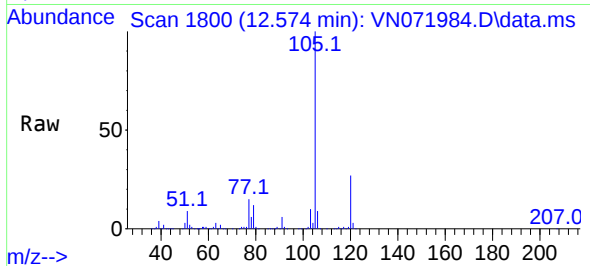
Tgt Ion:152 Resp: 325388
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 175.3 0.0 356.2





#73
Isopropylbenzene
Concen: 51.857 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

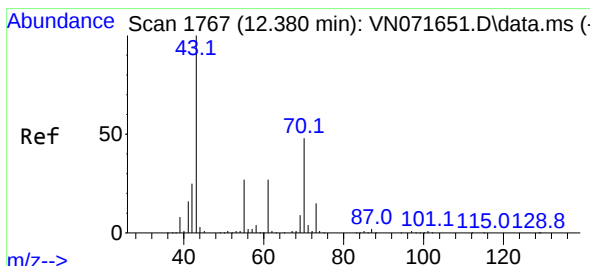
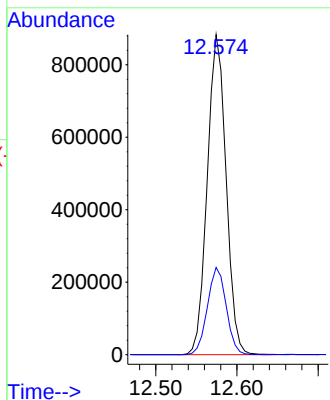
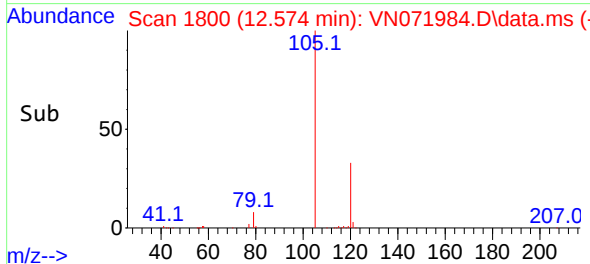
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



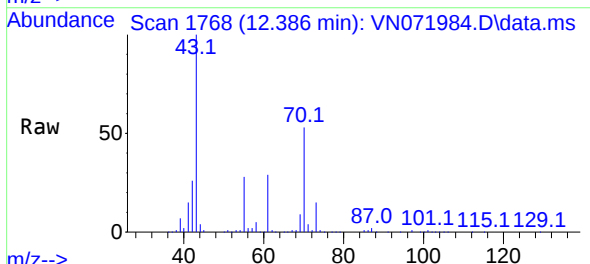
Tgt Ion:105 Resp: 1421890
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

Manual Integrations
APPROVED

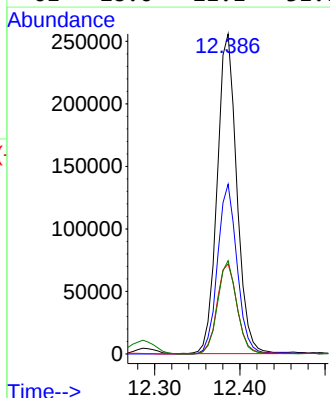
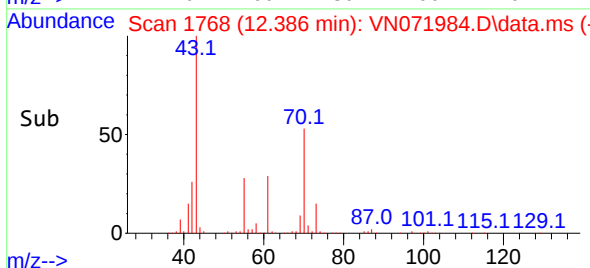
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

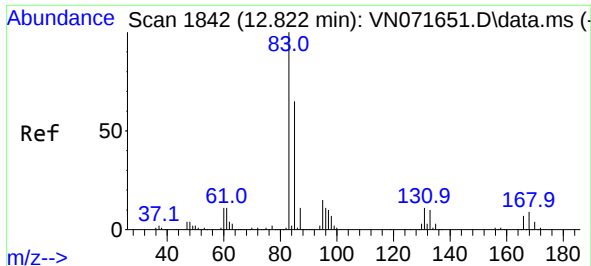


#74
N-ethyl acetate
Concen: 52.157 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



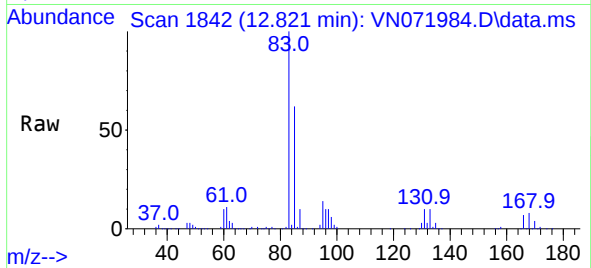
Tgt Ion: 43 Resp: 409758
Ion Ratio Lower Upper
43 100
70 52.6 39.0 58.4
55 29.1 21.1 31.7
61 28.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.474 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

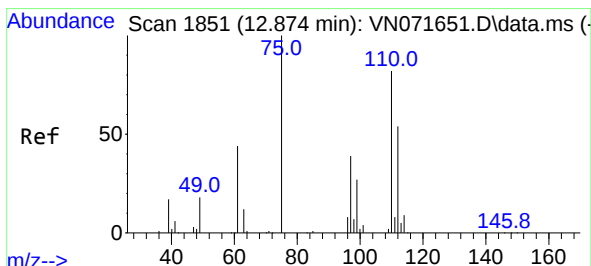
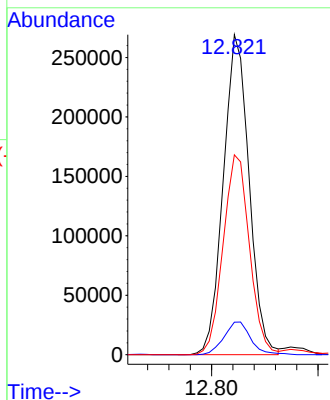
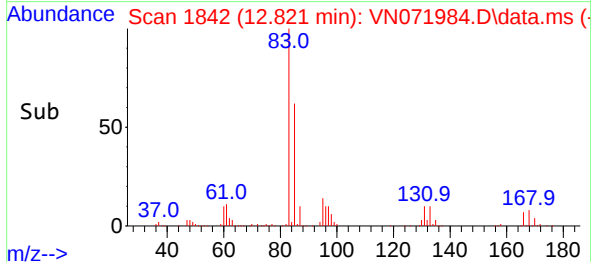
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



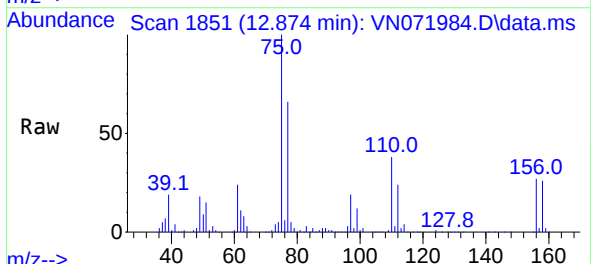
Tgt Ion: 83 Resp: 452624
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 63.8 32.3 96.9

Manual Integrations
APPROVED

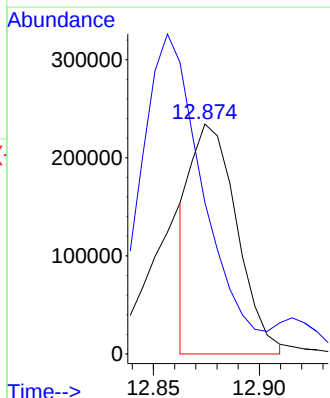
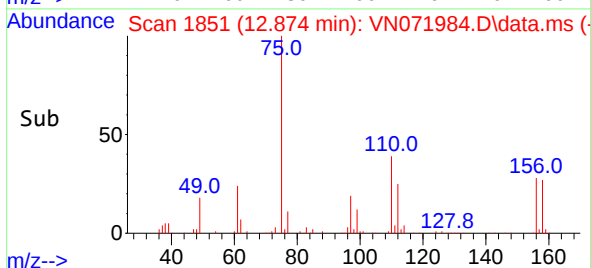
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

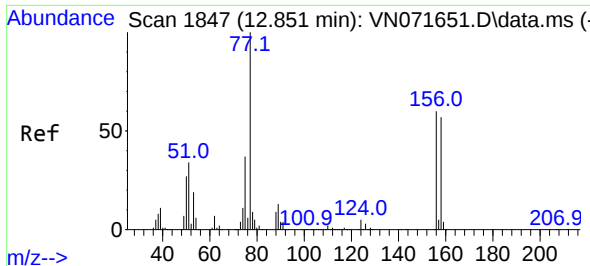


#76
1,2,3-Trichloropropane
Concen: 47.114 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



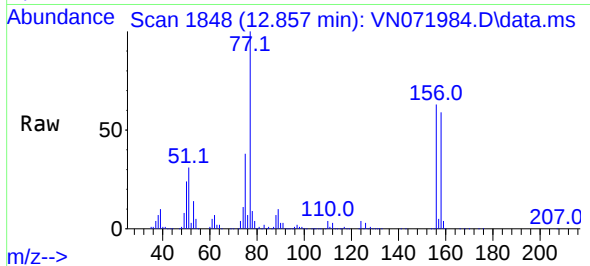
Tgt Ion: 75 Resp: 355137
Ion Ratio Lower Upper
75 100
77 190.3 98.5 295.5





#77
Bromobenzene
Concen: 50.477 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

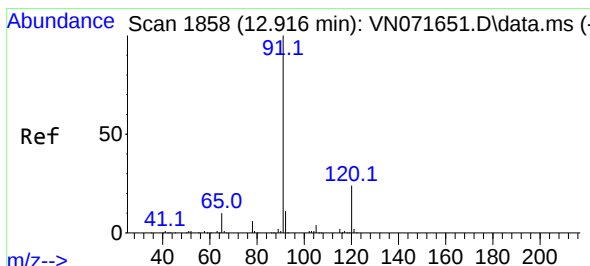
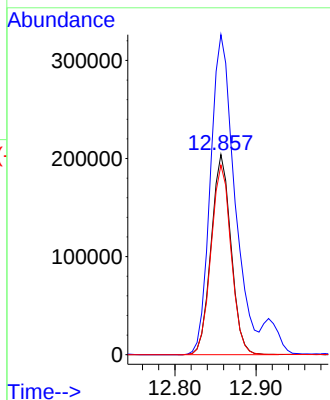
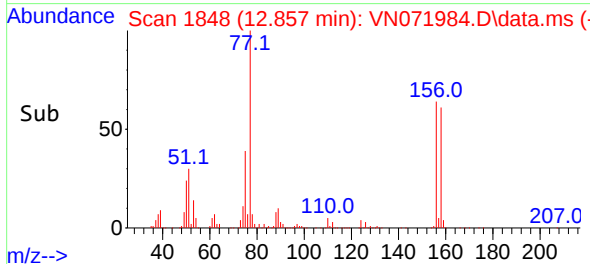
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 346960
Ion Ratio Lower Upper
156 100
77 194.8 100.5 301.5
158 95.8 48.9 146.6

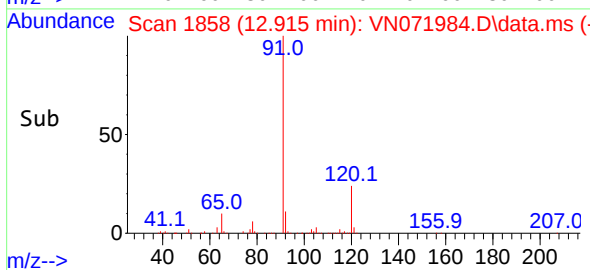
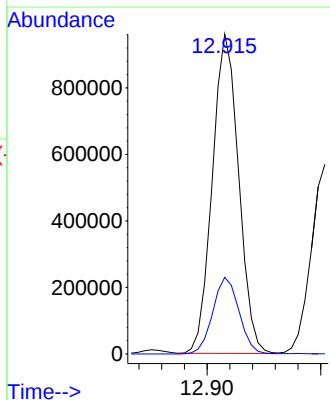
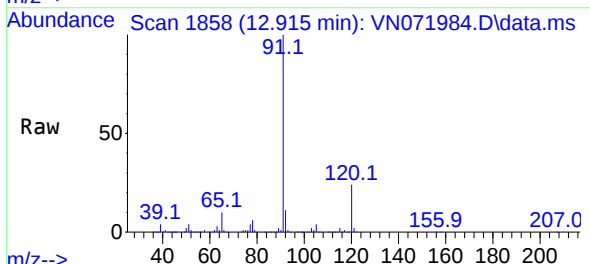
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#78
n-propylbenzene
Concen: 53.570 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

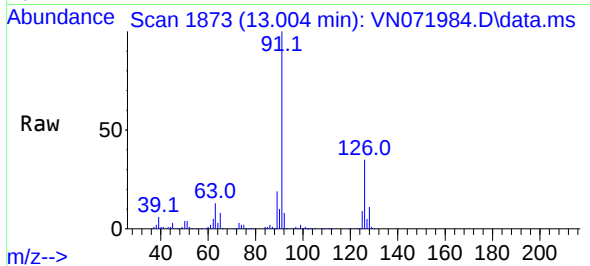
Tgt Ion: 91 Resp: 1545116
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 51.062 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

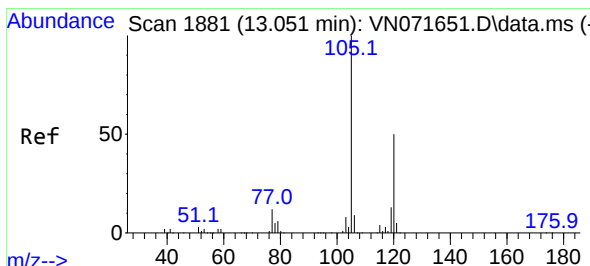
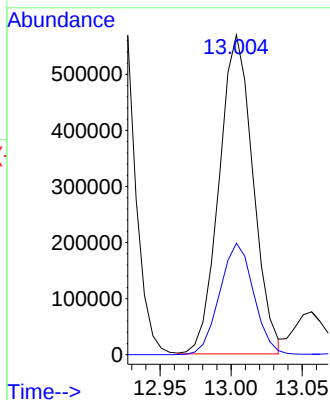
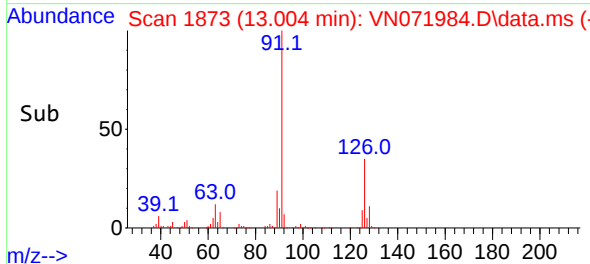
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 94450
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.9

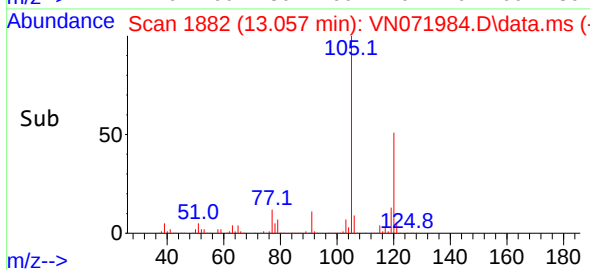
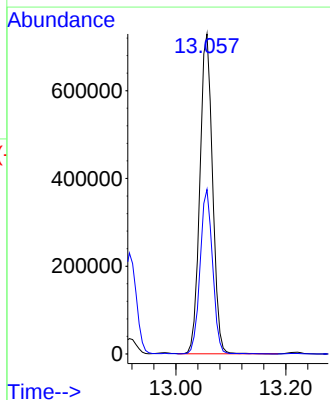
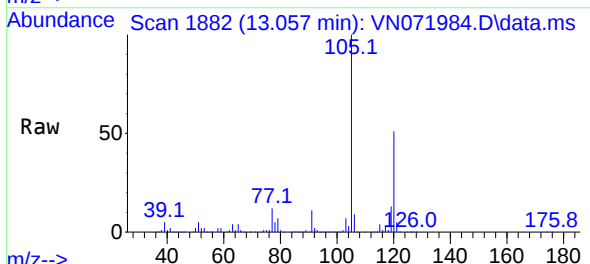
Manual Integrations
APPROVED

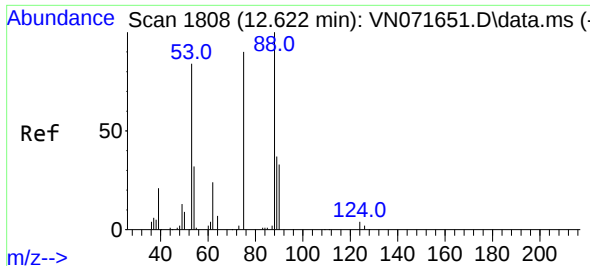
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.724 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

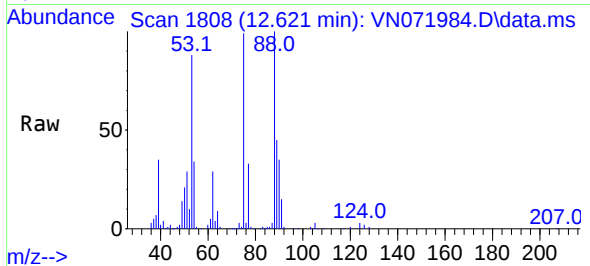
Tgt Ion:105 Resp: 1167135
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 52.593 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

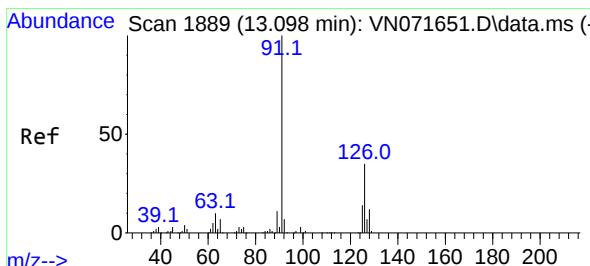
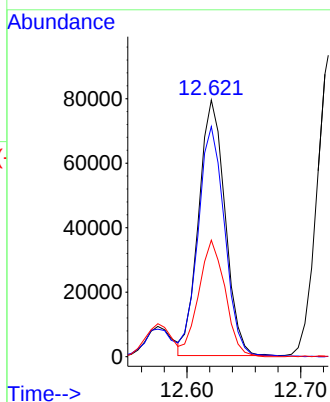
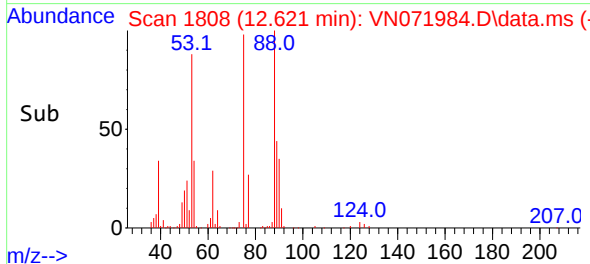
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 12792
Ion Ratio Lower Upper
75 100
53 91.4 78.0 117.0
89 45.7 37.2 55.8

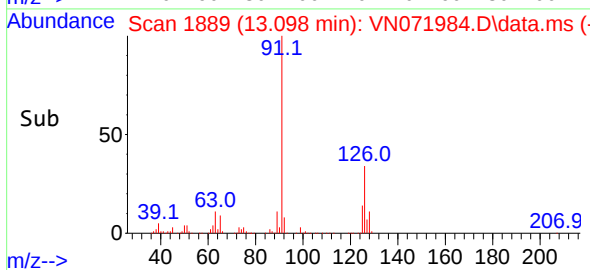
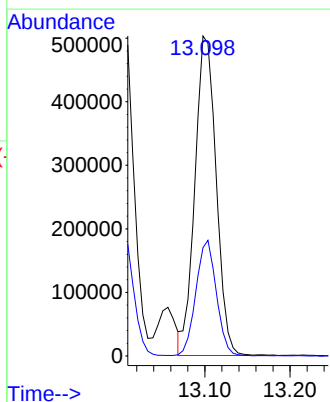
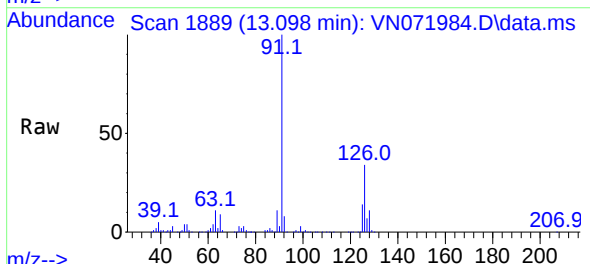
Manual Integrations
APPROVED

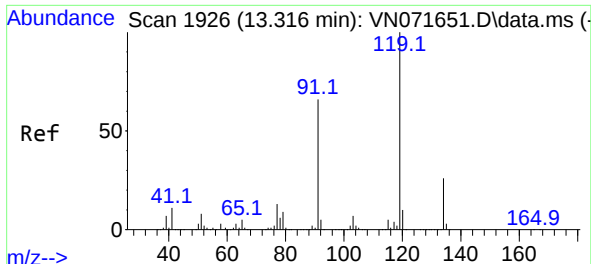
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#82
4-Chlorotoluene
Concen: 50.839 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

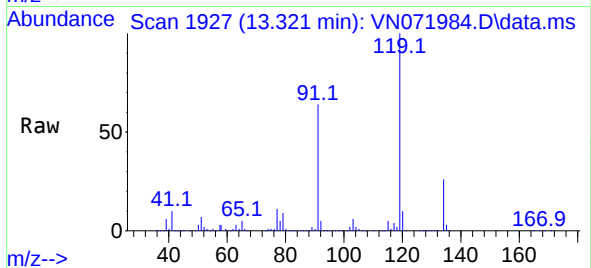
Tgt Ion: 91 Resp: 871656
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.829 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

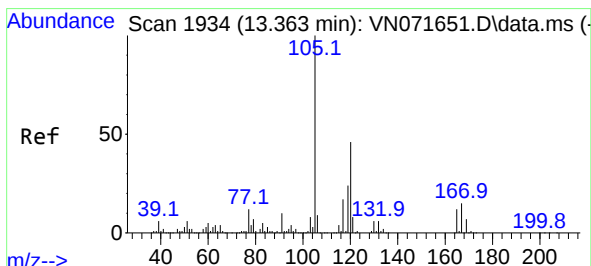
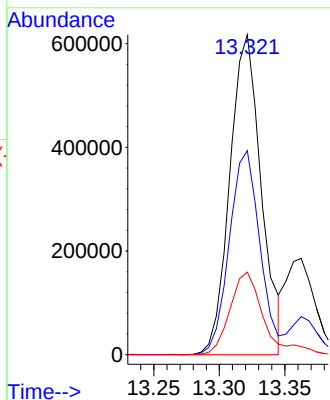
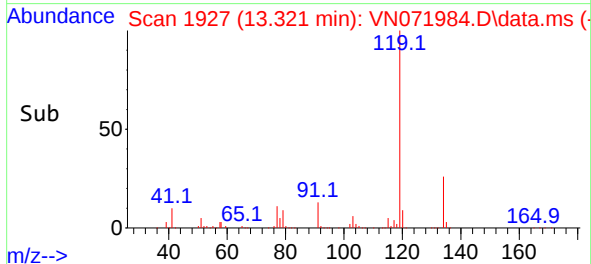
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



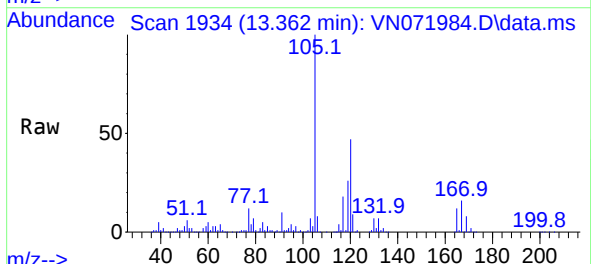
Tgt Ion:119 Resp: 1029254
Ion Ratio Lower Upper
119 100
91 61.9 31.6 94.8
134 27.8 13.7 41.1

Manual Integrations
APPROVED

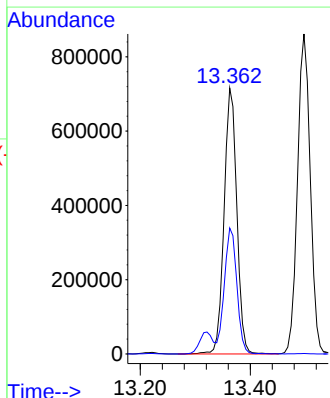
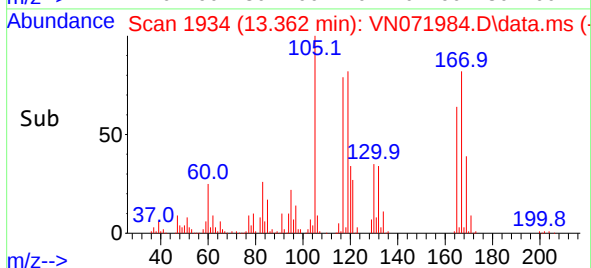
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

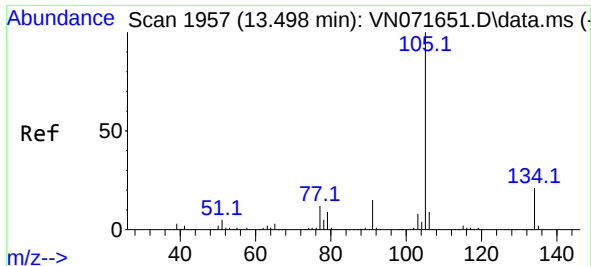


#84
1,2,4-Trimethylbenzene
Concen: 54.229 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion:105 Resp: 1149496
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.853 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071984.D
 Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

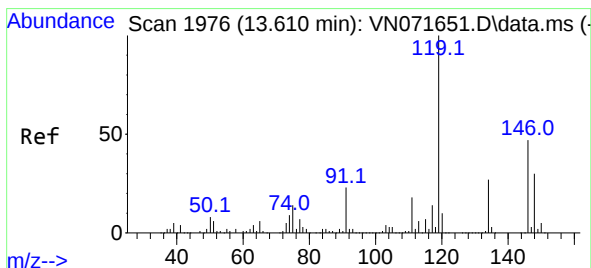
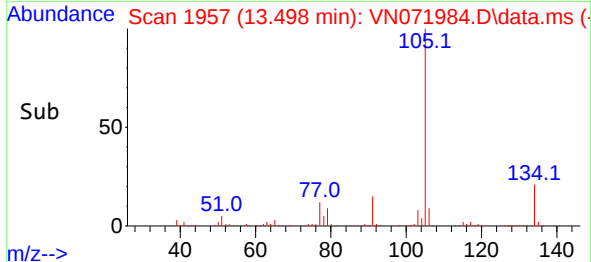
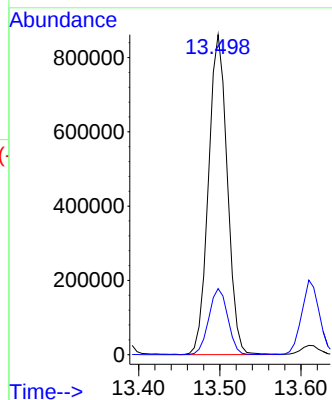
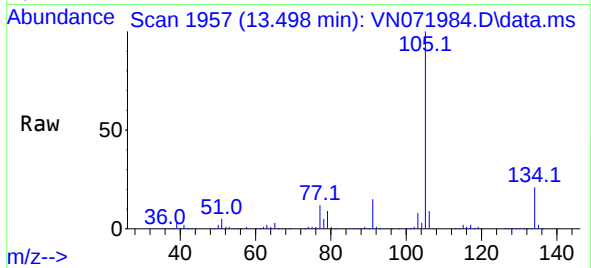
VSTDCCC050EC

Tgt Ion:105 Resp: 138636
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

Manual Integrations

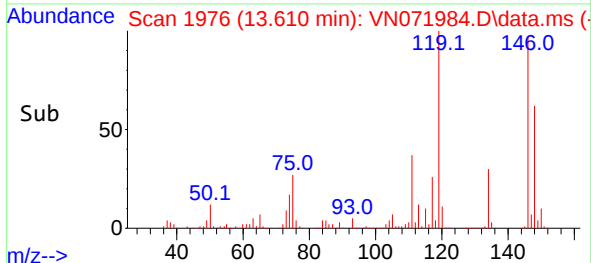
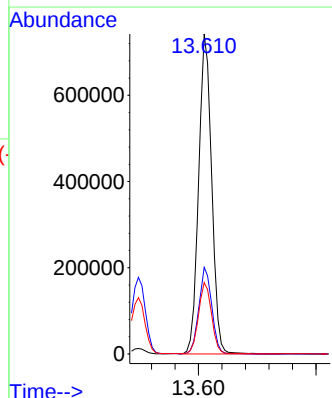
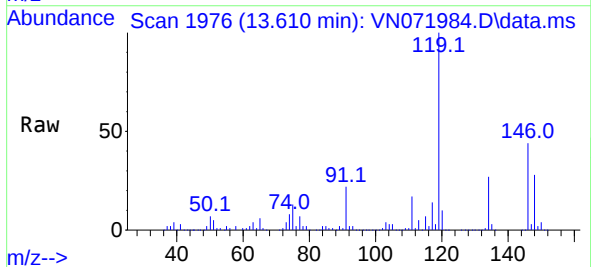
APPROVED

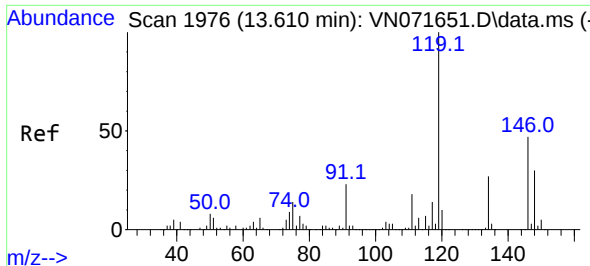
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#86
 p-Isopropyltoluene
 Concen: 55.495 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071984.D
 Acq: 13 Apr 2022 18:29

Tgt Ion:119 Resp: 1139108
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.010 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071984.D

Acq: 13 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 547638

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

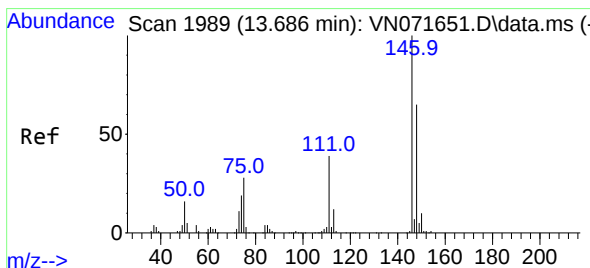
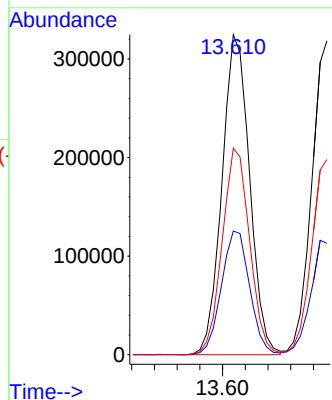
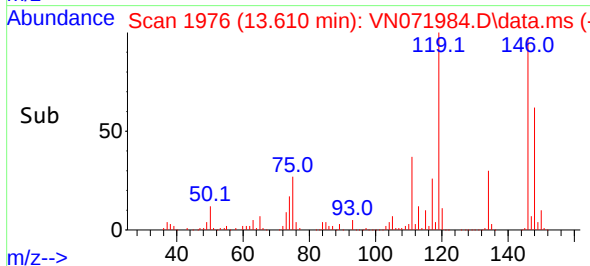
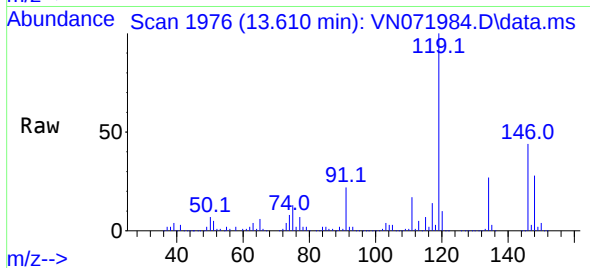
148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#88

1,4-Dichlorobenzene

Concen: 49.832 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN071984.D

Acq: 13 Apr 2022 18:29

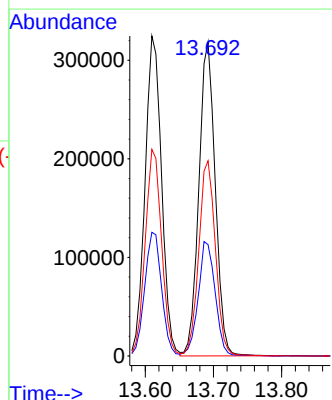
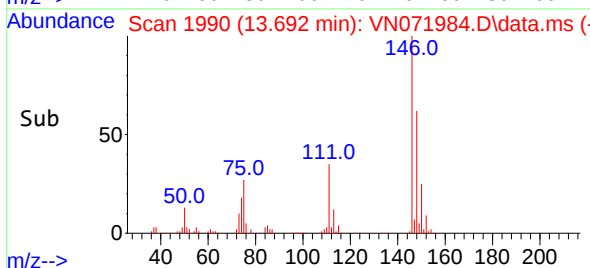
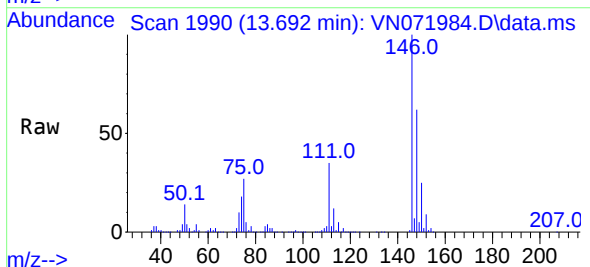
Tgt Ion:146 Resp: 532380

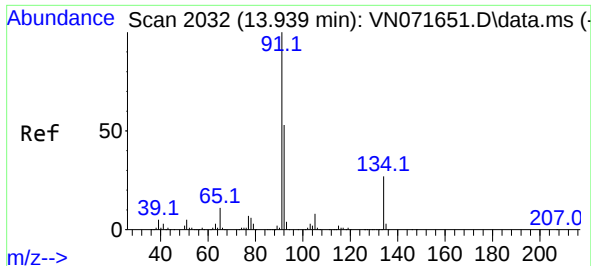
Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.1

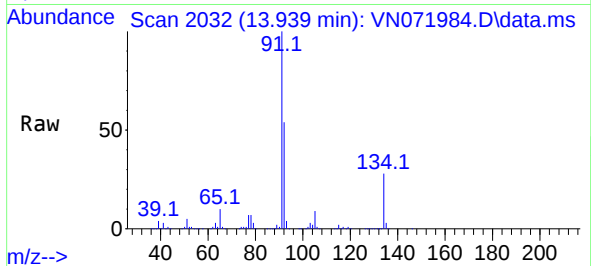
148 63.4 31.4 94.3





#89
n-Butylbenzene
Concen: 54.611 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

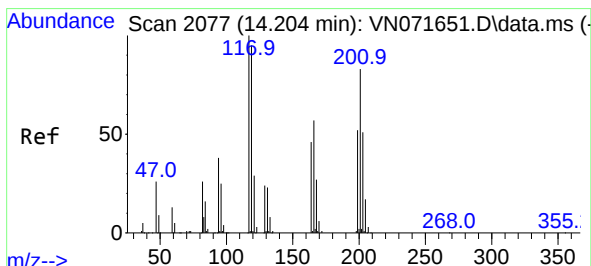
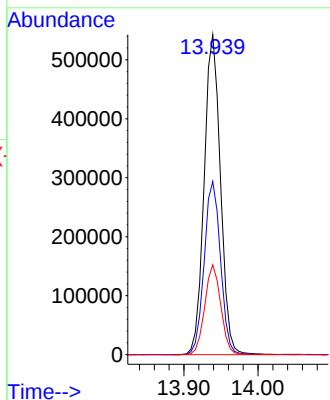
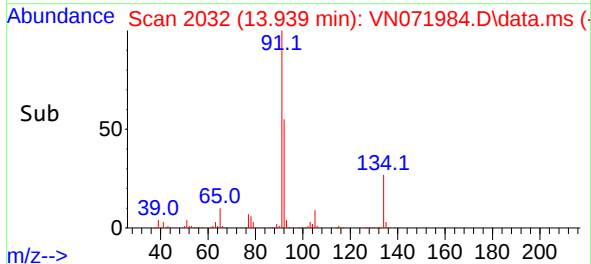
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 831398
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 27.6 13.6 40.8

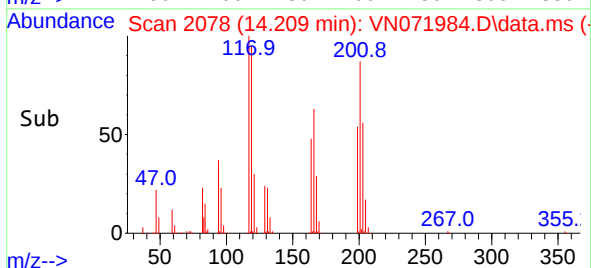
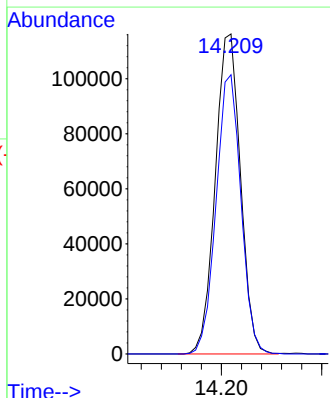
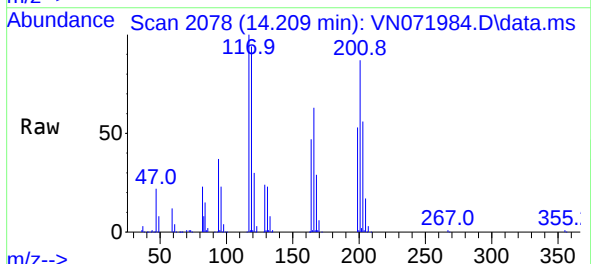
Manual Integrations
APPROVED

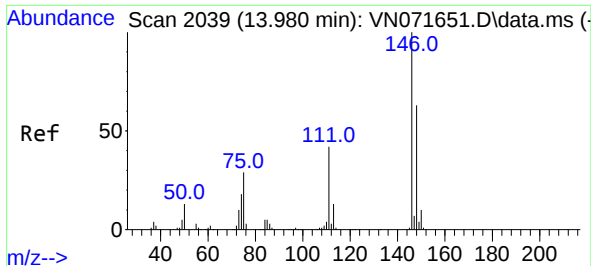
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#90
Hexachloroethane
Concen: 53.957 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. 0.005 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Tgt Ion:117 Resp: 202739
Ion Ratio Lower Upper
117 100
201 86.0 40.6 122.0





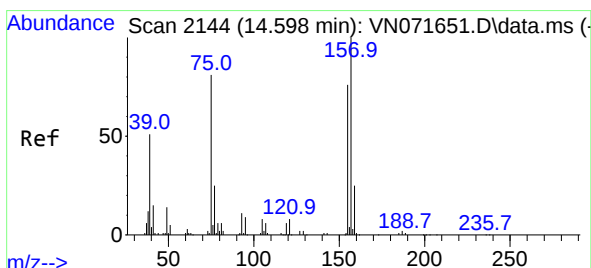
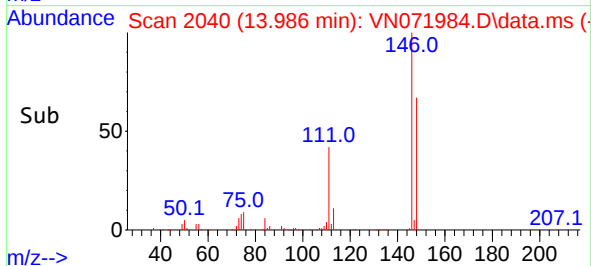
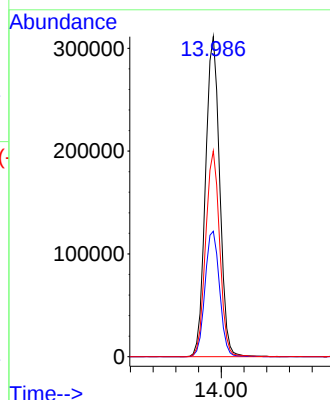
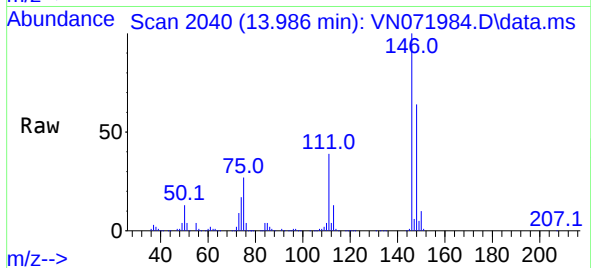
#91
1,2-Dichlorobenzene
Concen: 50.005 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 53758
Ion Ratio Lower Upper
146 100
111 40.2 20.9 62.8
148 63.7 32.1 96.3

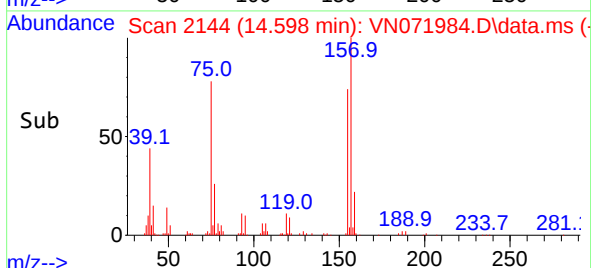
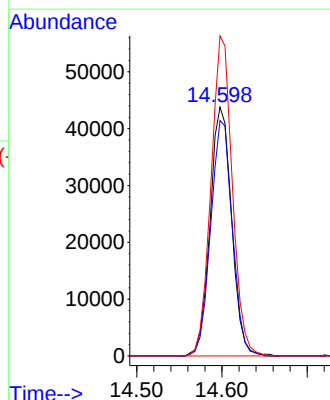
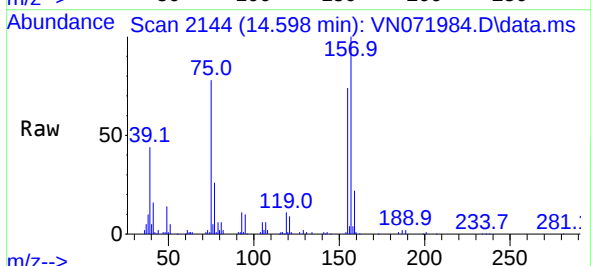
Manual Integrations
APPROVED

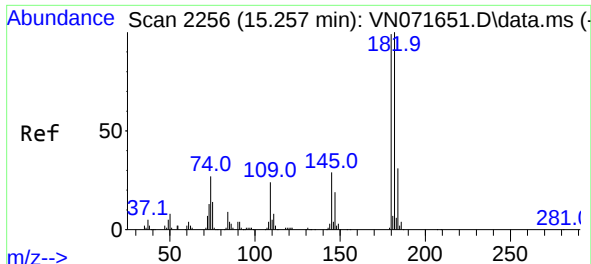
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.150 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

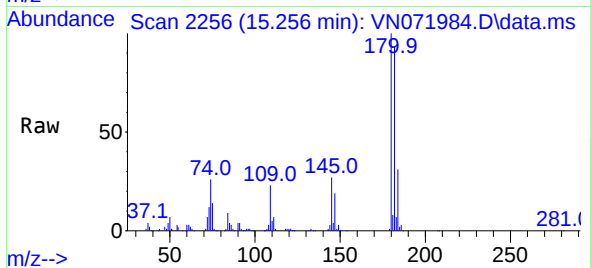
Tgt Ion: 75 Resp: 76842
Ion Ratio Lower Upper
75 100
155 94.7 44.9 134.5
157 127.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 50.401 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

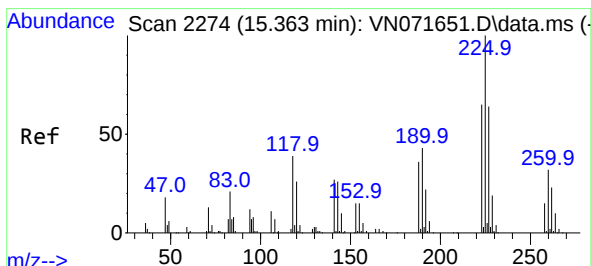
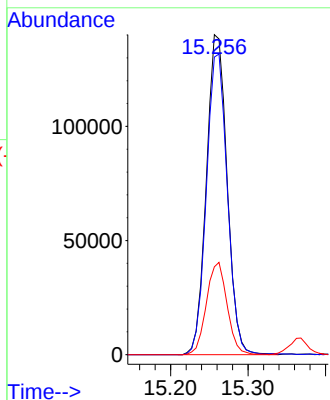
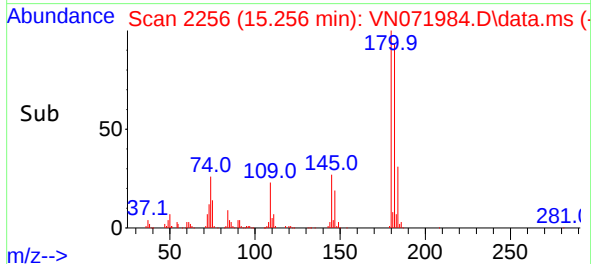
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



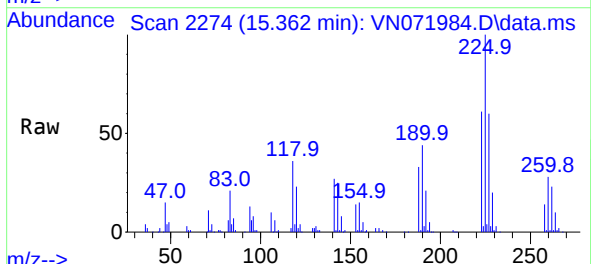
Tgt Ion:180 Resp: 26109
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 28.8 14.5 43.5

Manual Integrations
APPROVED

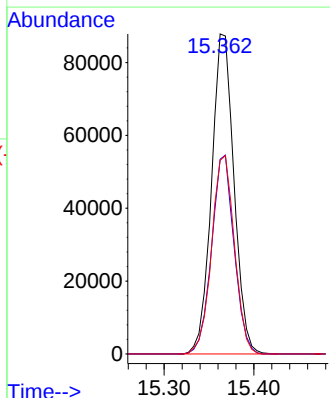
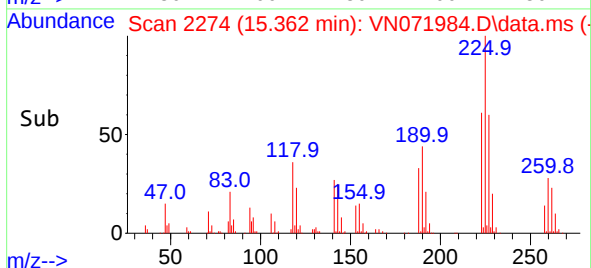
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

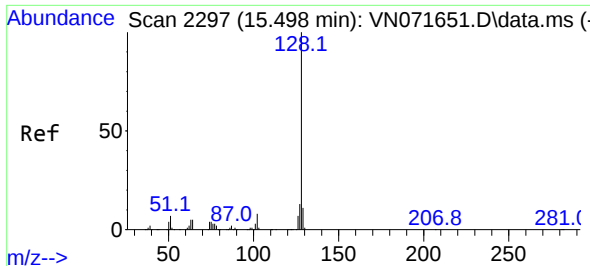


#94
Hexachlorobutadiene
Concen: 48.080 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



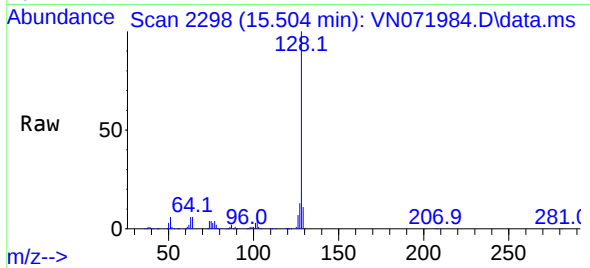
Tgt Ion:225 Resp: 152448
Ion Ratio Lower Upper
225 100
223 62.1 32.4 97.2
227 62.9 31.8 95.4





#95
Naphthalene
Concen: 52.132 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29

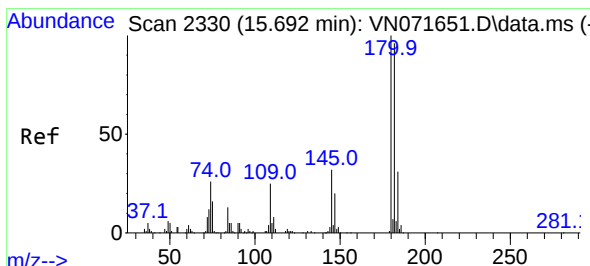
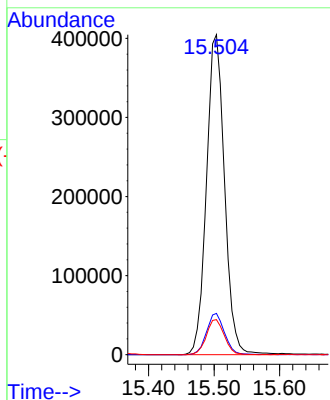
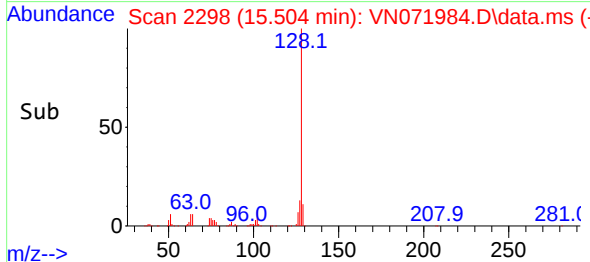
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



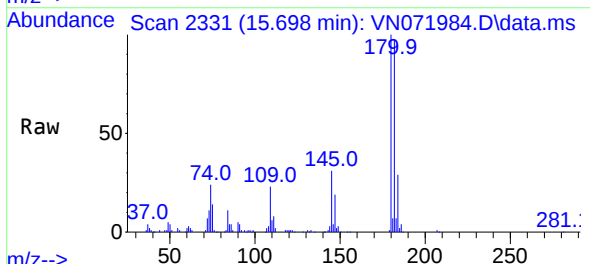
Tgt Ion:128 Resp: 775058
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.452 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071984.D
Acq: 13 Apr 2022 18:29



Tgt Ion:180 Resp: 263748
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 30.8 15.5 46.5

