

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071255.D
 Acq On : 11 Mar 2022 18:11
 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 03/14/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:17:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	636139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1065771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	989339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	406553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	445218	51.066	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.140%			
35) Dibromofluoromethane	8.022	113	336739	50.070	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.140%			
50) Toluene-d8	10.439	98	1344837	49.665	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.320%			
62) 4-Bromofluorobenzene	12.727	95	474264	51.722	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	319678	45.852	ug/l	98
3) Chloromethane	2.299	50	451289	48.214	ug/l	98
4) Vinyl Chloride	2.440	62	410687	48.066	ug/l	98
5) Bromomethane	2.822	94	217467	57.949	ug/l	97
6) Chloroethane	2.999	64	258408	49.941	ug/l	99
7) Trichlorofluoromethane	3.363	101	536360	47.694	ug/l	99
8) Diethyl Ether	3.822	74	242352	50.360	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.204	101	305175	46.876	ug/l	95
10) Methyl Iodide	4.422	142	421816	45.874	ug/l	100
11) Tert butyl alcohol	5.363	59	481237	280.978	ug/l	99
12) 1,1-Dichloroethene	4.181	96	307702	48.248	ug/l	94
13) Acrolein	4.034	56	387417	213.709	ug/l	100
14) Allyl chloride	4.840	41	670795	48.360	ug/l	88
15) Acrylonitrile	5.545	53	1299749	255.574	ug/l	98
16) Acetone	4.281	43	1075051	253.421	ug/l	97
17) Carbon Disulfide	4.528	76	786970	43.344	ug/l	98
18) Methyl Acetate	4.846	43	615655	54.000	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	1249926	52.201	ug/l	95
20) Methylene Chloride	5.093	84	389105	50.185	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	332523	47.668	ug/l	89
22) Diisopropyl ether	6.492	45	1364482	49.931	ug/l	91
23) Vinyl Acetate	6.428	43	6002252	259.449	ug/l	99
24) 1,1-Dichloroethane	6.387	63	709811	49.156	ug/l	99
25) 2-Butanone	7.328	43	1806732	264.389	ug/l	97
26) 2,2-Dichloropropane	7.322	77	557232	50.020	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	409210	49.426	ug/l	91
28) Bromochloromethane	7.651	49	321672	50.024	ug/l	85
29) Tetrahydrofuran	7.681	42	1227433	259.271	ug/l	93
30) Chloroform	7.816	83	678460	49.262	ug/l	99
31) Cyclohexane	8.092	56	641096	46.047	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	598033	50.977	ug/l	99
36) 1,1-Dichloropropene	8.216	75	508943	47.231	ug/l	97
37) Ethyl Acetate	7.410	43	713370	48.104	ug/l	98
38) Carbon Tetrachloride	8.204	117	499209	47.896	ug/l	99
39) Methylcyclohexane	9.457	83	612323	48.304	ug/l	96
40) Benzene	8.457	78	1560112	48.054	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	337802	46.546	ug/l	93
42) 1,2-Dichloroethane	8.528	62	561591	49.708	ug/l	99
43) Isopropyl Acetate	8.557	43	1144029	51.587	ug/l	95
44) Trichloroethene	9.210	130	373943	48.816	ug/l	98
45) 1,2-Dichloropropane	9.486	63	419737	48.161	ug/l	99
46) Dibromomethane	9.575	93	263489	49.120	ug/l	98
47) Bromodichloromethane	9.757	83	537792	49.610	ug/l	99
48) Methyl methacrylate	9.557	41	531802	51.746	ug/l #	83
49) 1,4-Dioxane	9.563	88	197979	1108.272	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	3586888	260.619	ug/l	99
52) Toluene	10.504	92	981256	49.083	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	609542	51.009	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	661569	50.668	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	394963	49.303	ug/l	98
56) Ethyl methacrylate	10.757	69	687231	52.531	ug/l	92
57) 1,3-Dichloropropane	11.039	76	698460	48.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	1111601	387.219	ug/l	95
59) 2-Hexanone	11.080	43	2696288	287.127	ug/l	100
60) Dibromochloromethane	11.233	129	406289	51.044	ug/l	100
61) 1,2-Dibromoethane	11.339	107	401674	49.060	ug/l	100
64) Tetrachloroethene	10.975	164	322960	46.806	ug/l	98
65) Chlorobenzene	11.769	112	1026762	48.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	383264	49.196	ug/l	100
67) Ethyl Benzene	11.839	91	1881835	50.093	ug/l	98
68) m/p-Xylenes	11.951	106	1414967	102.960	ug/l	97
69) o-Xylene	12.274	106	710736	51.593	ug/l	97
70) Styrene	12.292	104	1157880	54.299	ug/l	98
71) Bromoform	12.457	173	312025	52.739	ug/l #	100
73) Isopropylbenzene	12.574	105	1823094	46.518	ug/l	99
74) N-amyl acetate	12.380	43	797422	54.115	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	624203	53.791	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	503317m	51.144	ug/l	
77) Bromobenzene	12.857	156	424712	46.474	ug/l	79
78) n-propylbenzene	12.916	91	2050703	48.763	ug/l	98
79) 2-Chlorotoluene	13.004	91	1251124	46.345	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1464082	48.017	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	204330	54.330	ug/l	92
82) 4-Chlorotoluene	13.104	91	1204774	50.103	ug/l	93
83) tert-Butylbenzene	13.321	119	1334778	49.053	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1452423	49.732	ug/l	99
85) sec-Butylbenzene	13.498	105	1805081	49.909	ug/l	99
86) p-Isopropyltoluene	13.610	119	1475527	51.876	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	710675	47.860	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	686815	47.318	ug/l	98
89) n-Butylbenzene	13.939	91	1142356	51.349	ug/l	96
90) Hexachloroethane	14.204	117	267650	47.318	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	689567	48.303	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	122948	53.918	ug/l	86
93) 1,2,4-Trichlorobenzene	15.263	180	333272	50.019	ug/l	98
94) Hexachlorobutadiene	15.368	225	184753	46.100	ug/l	99
95) Naphthalene	15.504	128	1100349	58.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	335063	52.358	ug/l	98

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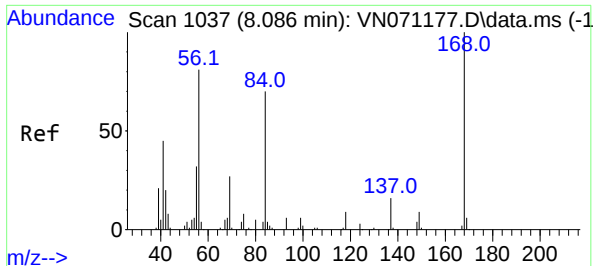
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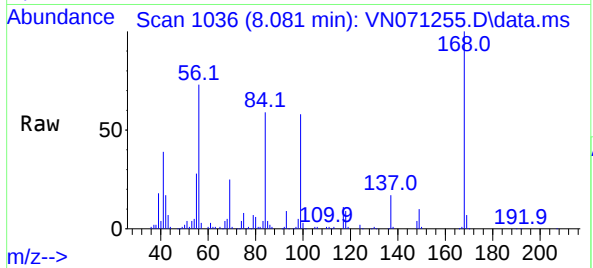
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.005 min
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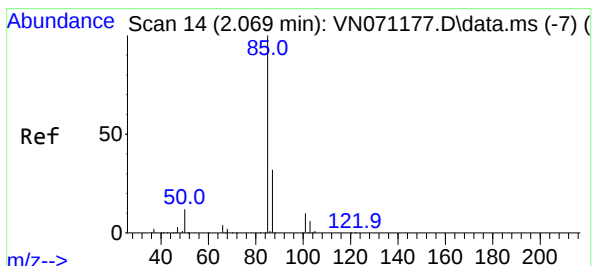
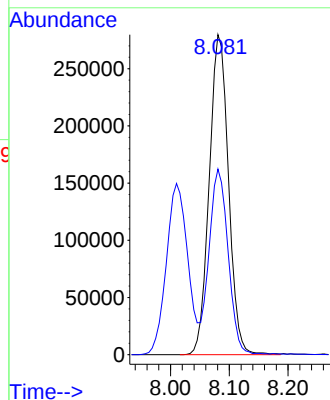
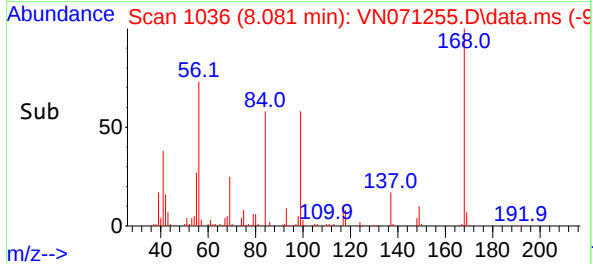
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VSTDCCC050EC



Tgt Ion:168 Resp: 636139
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9

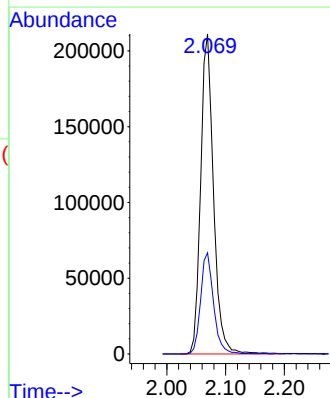
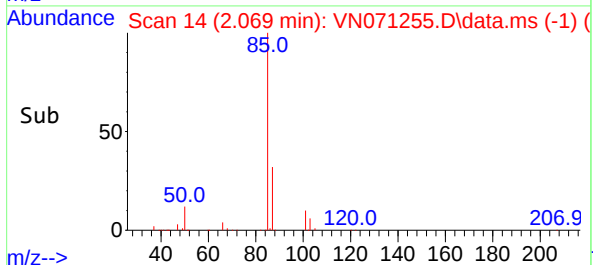
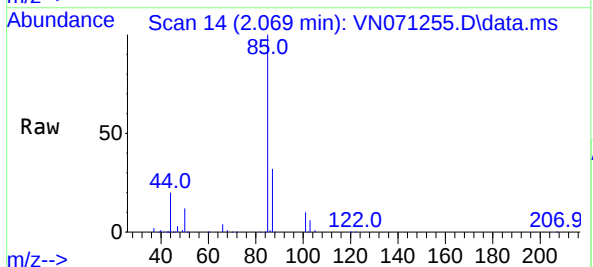
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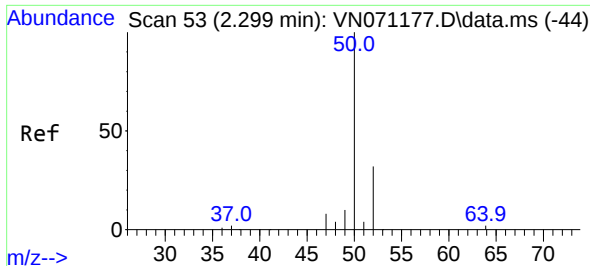
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Dichlorodifluoromethane
Concen: 45.852 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

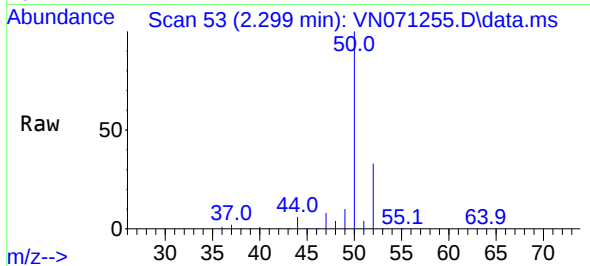
Tgt Ion: 85 Resp: 319678
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





#3
Chloromethane
Concen: 48.214 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

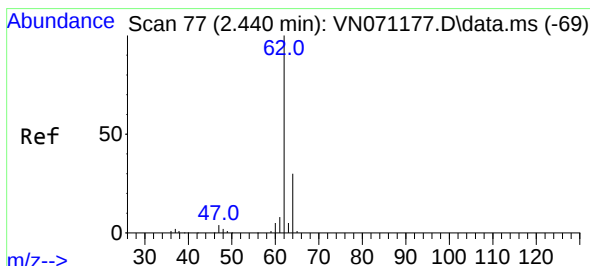
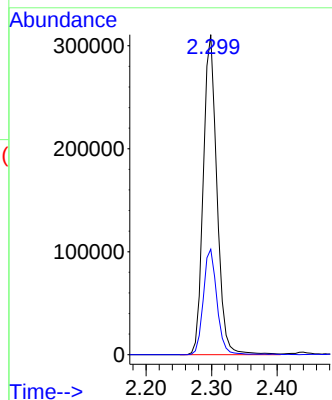
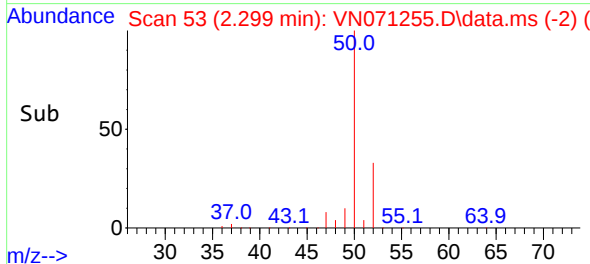
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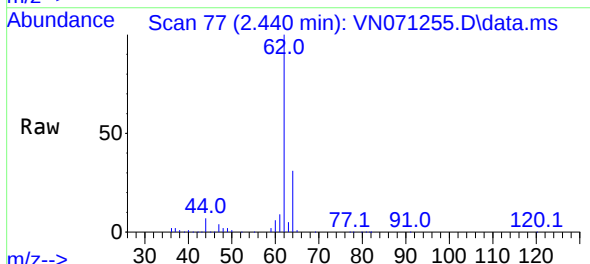
Tgt Ion: 50 Resp: 451289
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

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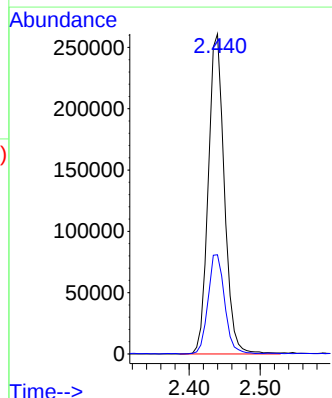
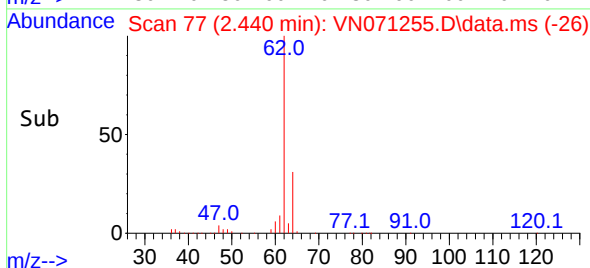
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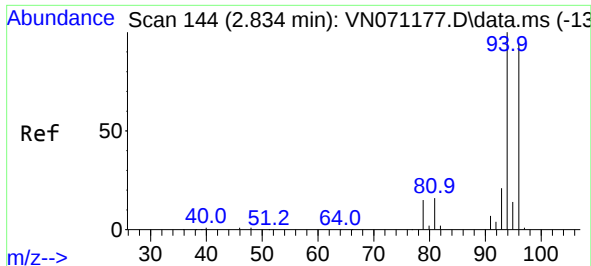


#4
Vinyl Chloride
Concen: 48.066 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071255.D
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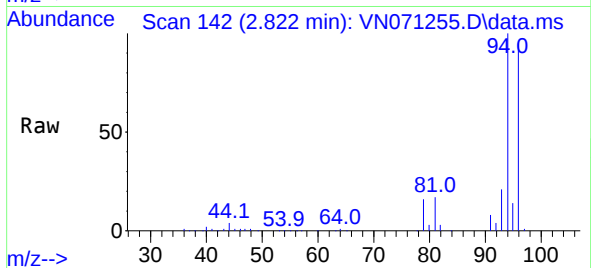
Tgt Ion: 62 Resp: 410687
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 57.949 ug/l
RT: 2.822 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN071255.D
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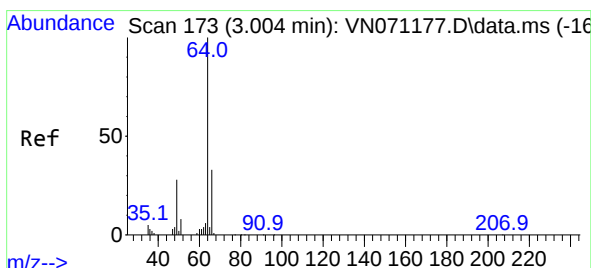
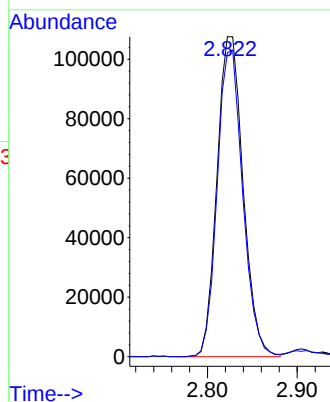
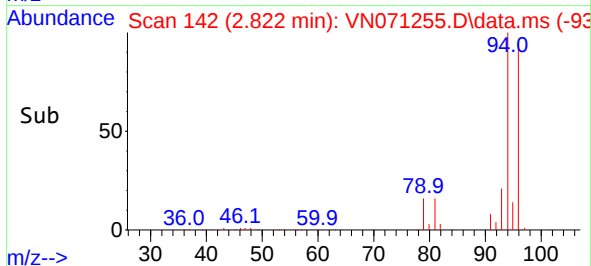
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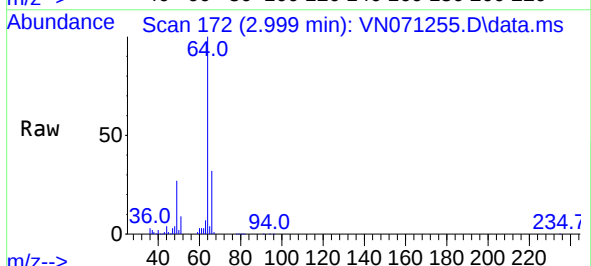
Tgt Ion: 94 Resp: 21746
Ion Ratio Lower Upper
94 100
96 95.0 73.8 110.8

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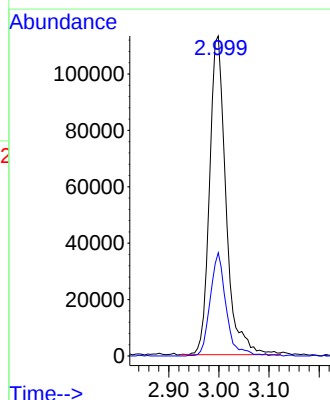
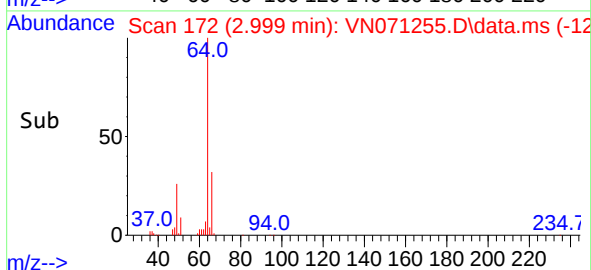
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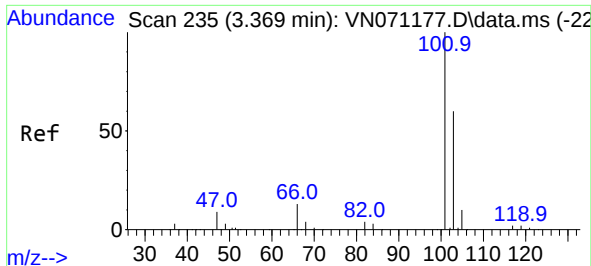


#6
Chloroethane
Concen: 49.941 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.005 min
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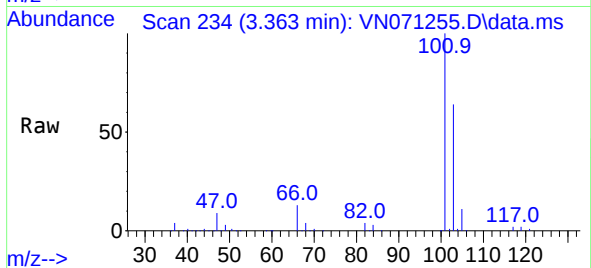
Tgt Ion: 64 Resp: 258408
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 47.694 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071255.D
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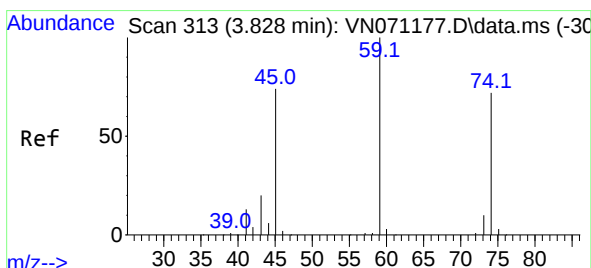
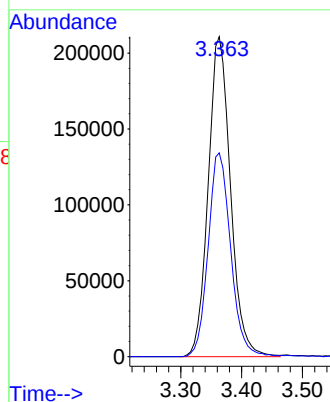
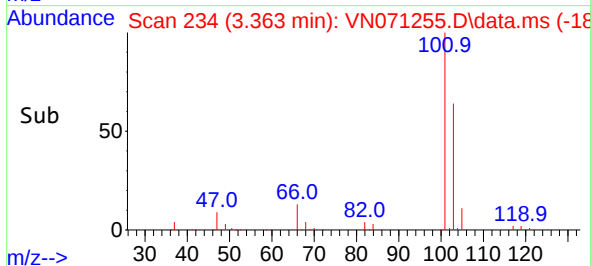
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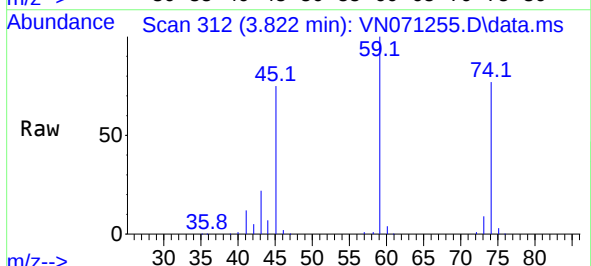
Tgt Ion:101 Resp: 536360
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

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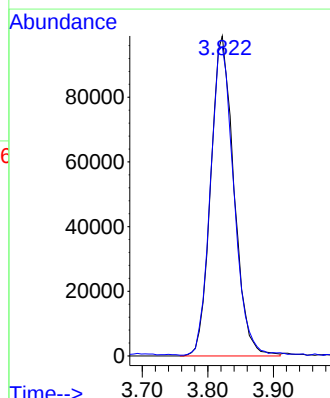
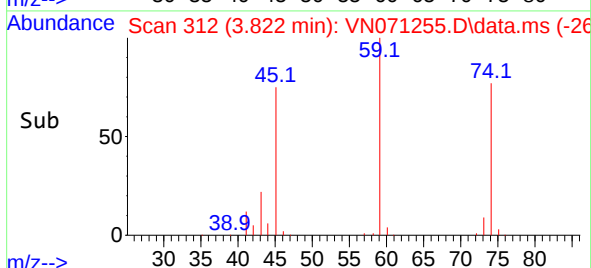
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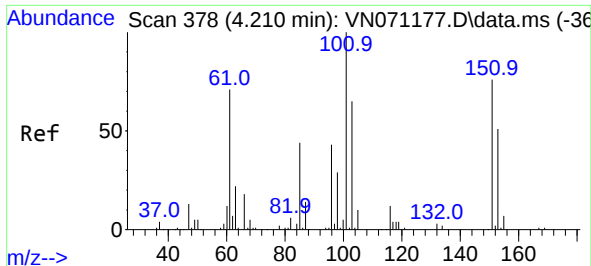


#8
Diethyl Ether
Concen: 50.360 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071255.D
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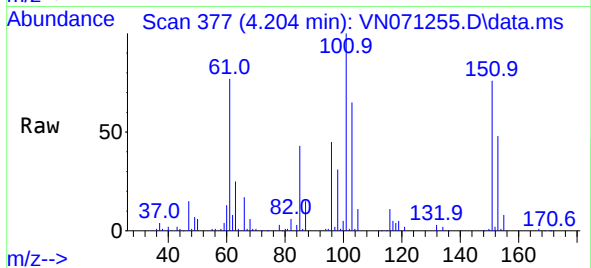
Tgt Ion: 74 Resp: 242352
Ion Ratio Lower Upper
74 100
45 98.6 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.876 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071255.D
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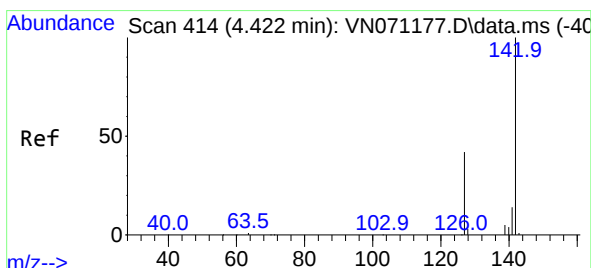
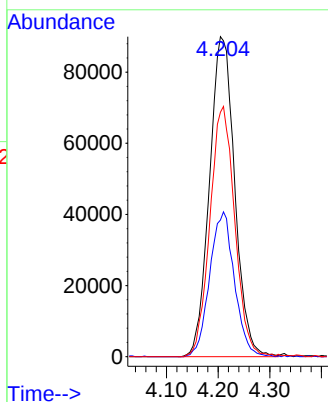
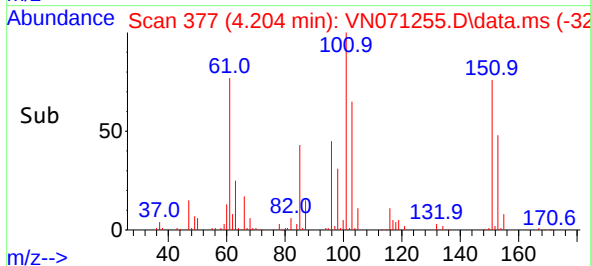
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



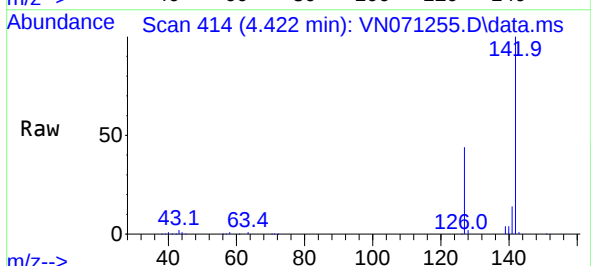
Tgt Ion:101 Resp: 30517
Ion Ratio Lower Upper
101 100
85 44.3 37.2 55.8
151 76.9 65.9 98.9

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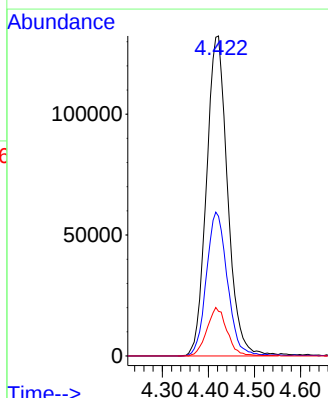
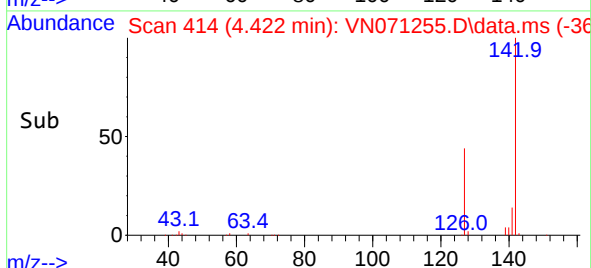
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

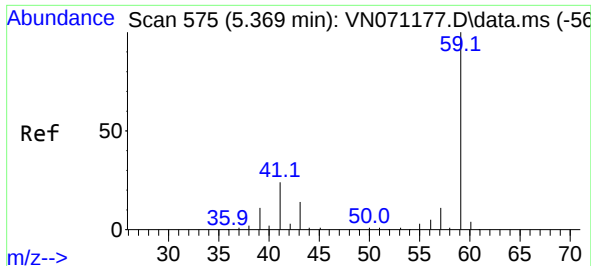


#10
Methyl Iodide
Concen: 45.874 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



Tgt Ion:142 Resp: 421816
Ion Ratio Lower Upper
142 100
127 44.6 35.4 53.0
141 14.4 11.6 17.4





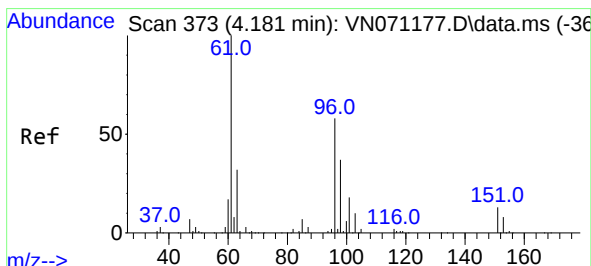
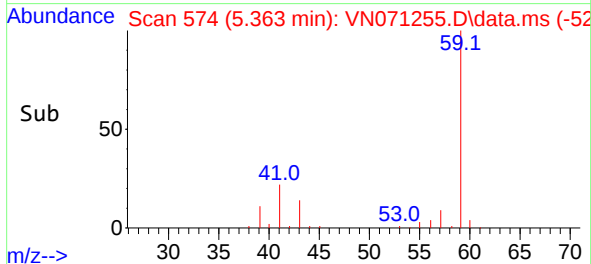
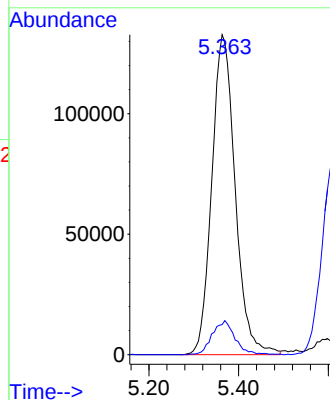
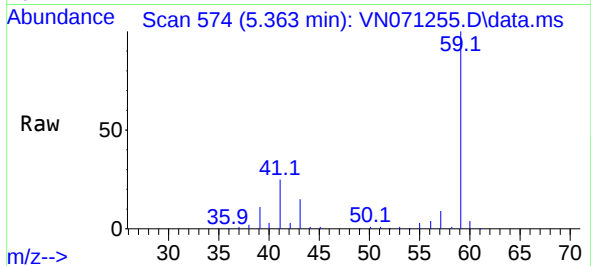
#11
Tert butyl alcohol
Concen: 280.978 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 48123
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

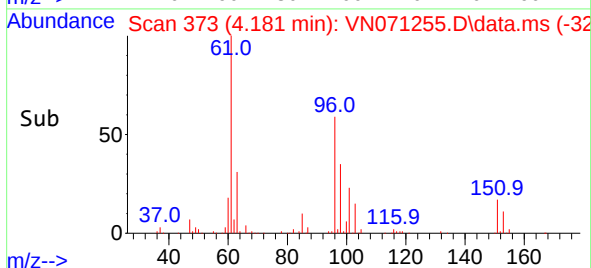
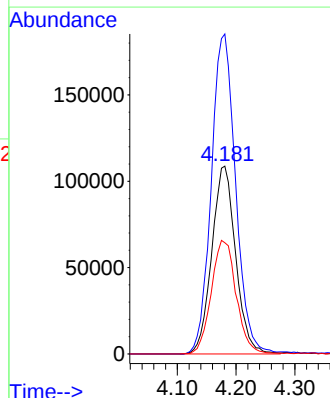
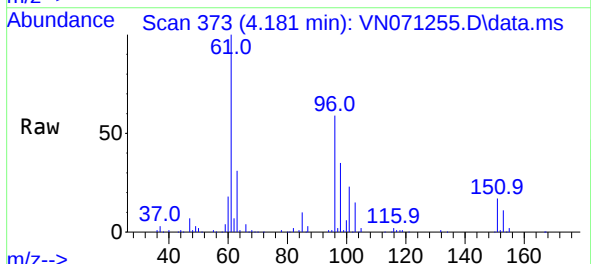
Manual Integrations
APPROVED

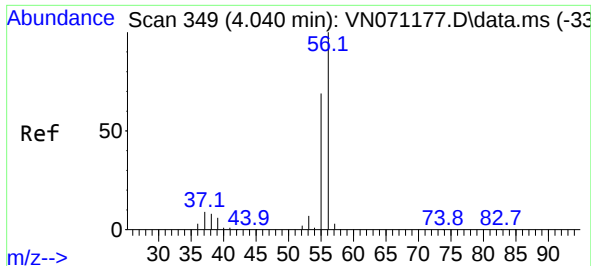
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#12
1,1-Dichloroethene
Concen: 48.248 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

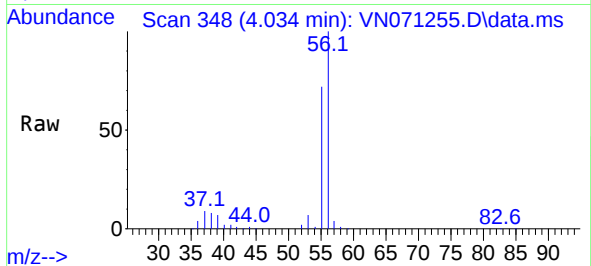
Tgt Ion: 96 Resp: 307702
Ion Ratio Lower Upper
96 100
61 170.3 131.0 196.6
98 59.2 52.4 78.6





#13
Acrolein
Concen: 213.709 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

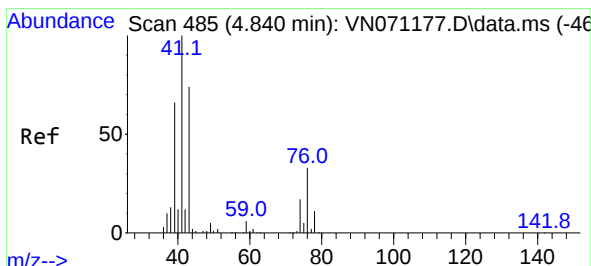
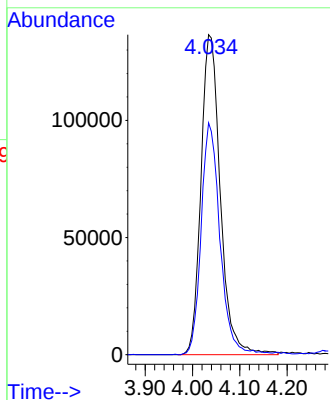
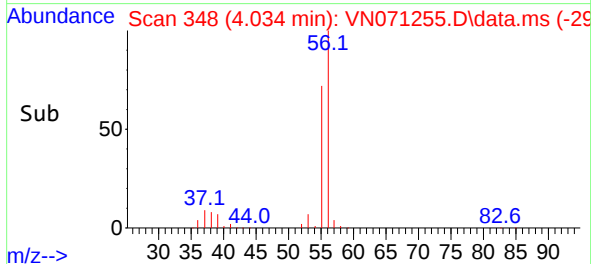
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



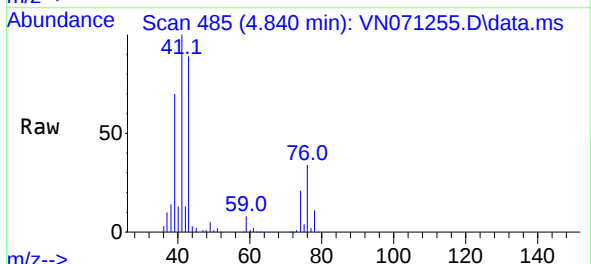
Tgt Ion: 56 Resp: 38741
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

Manual Integrations
APPROVED

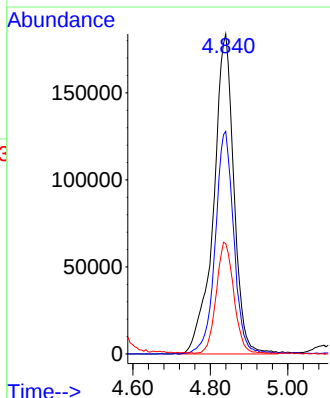
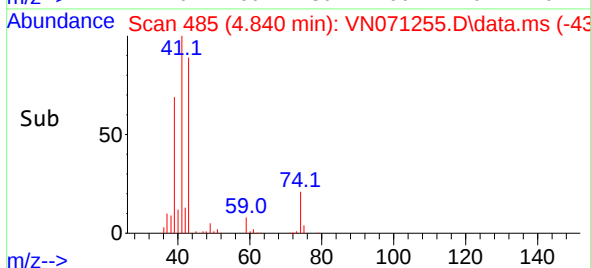
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

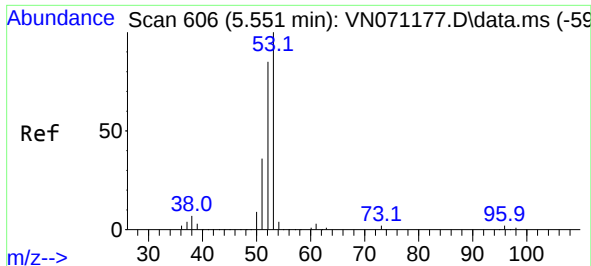


#14
Allyl chloride
Concen: 48.360 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



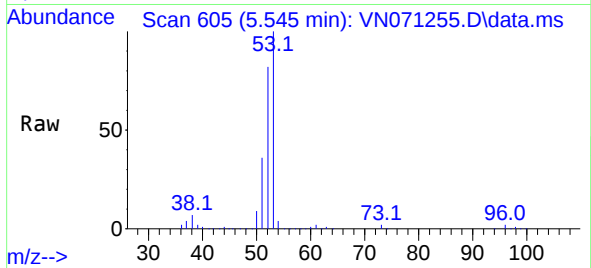
Tgt Ion: 41 Resp: 670795
Ion Ratio Lower Upper
41 100
39 63.1 61.2 91.8
76 30.0 26.0 39.0





#15
Acrylonitrile
Concen: 255.574 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

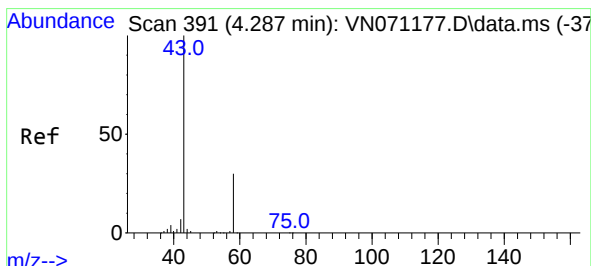
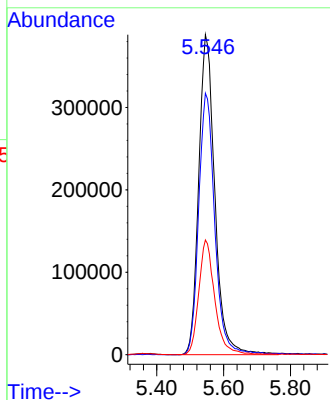
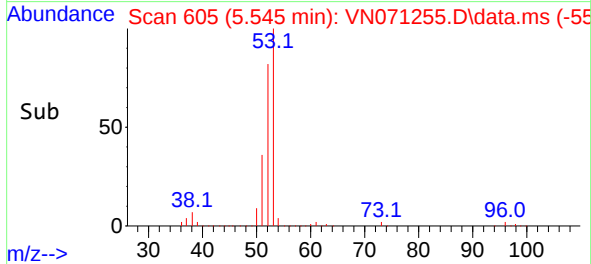
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1299749
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.2
51 35.6 29.6 44.4

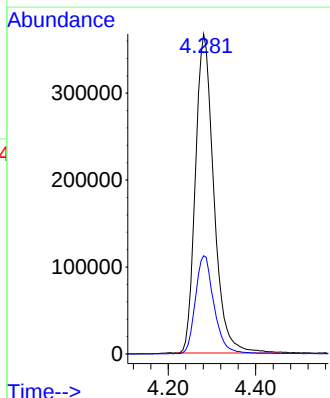
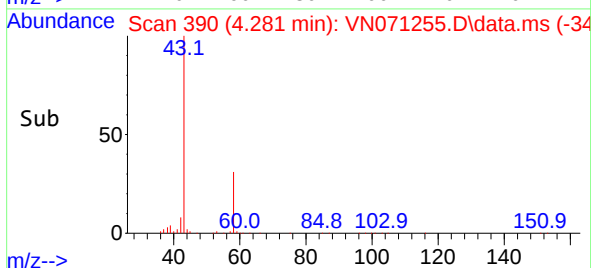
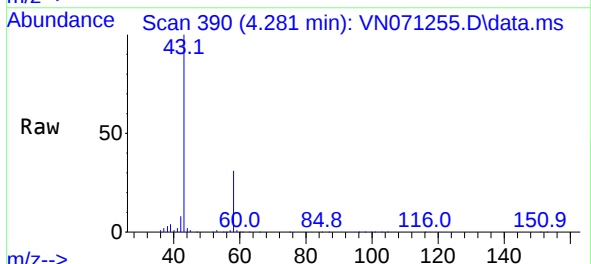
Manual Integrations
APPROVED

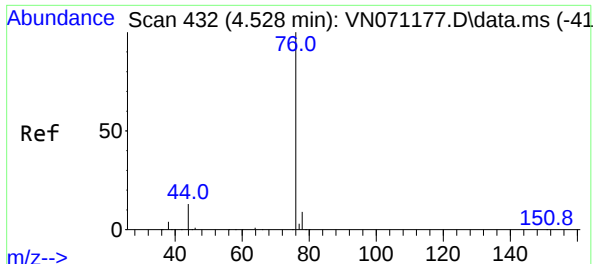
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 253.421 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

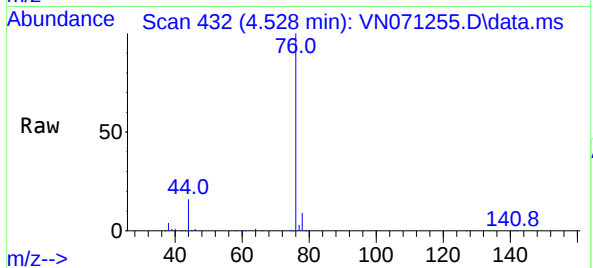
Tgt Ion: 43 Resp: 1075051
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7





#17
Carbon Disulfide
Concen: 43.344 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

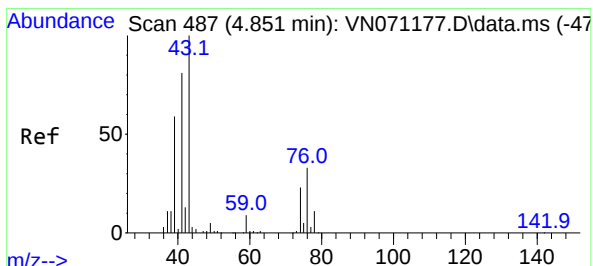
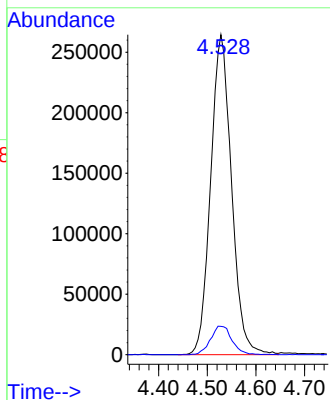
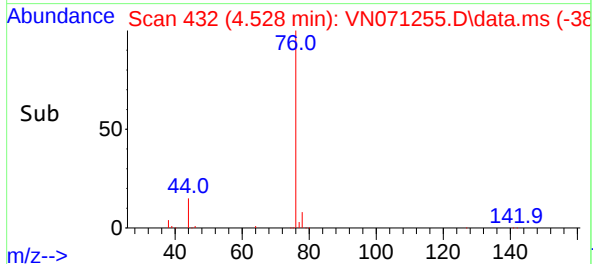
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



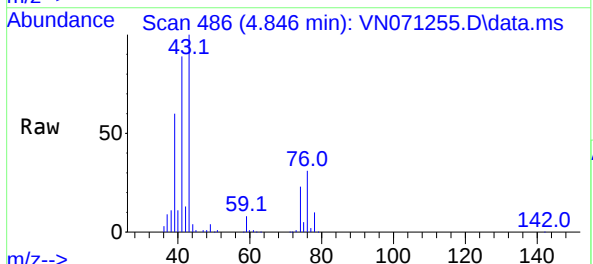
Tgt Ion: 76 Resp: 786970
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

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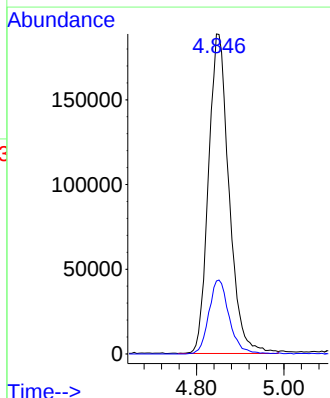
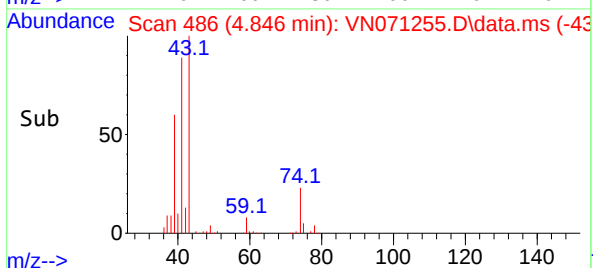
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

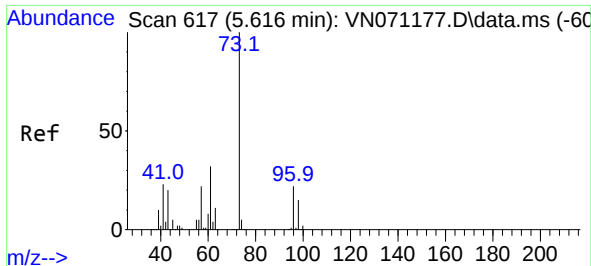


#18
Methyl Acetate
Concen: 54.000 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.005 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



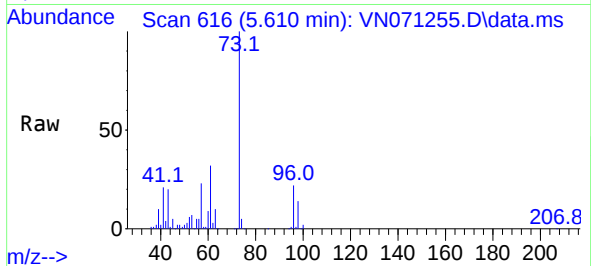
Tgt Ion: 43 Resp: 615655
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 52.201 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

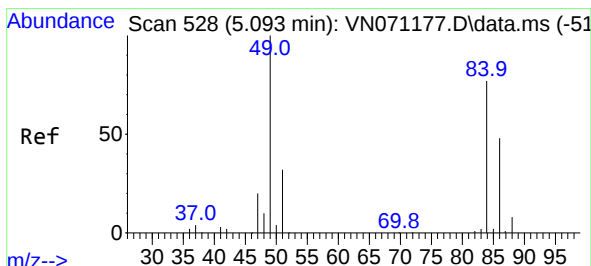
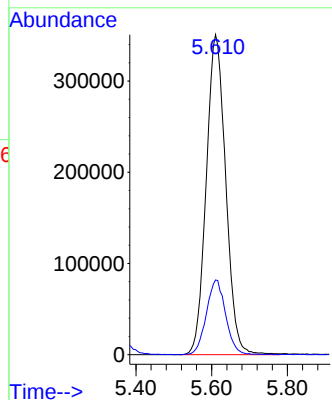
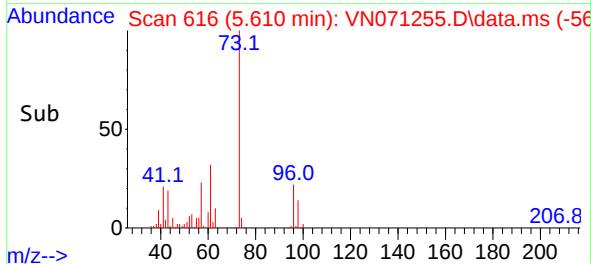
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 1249920
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

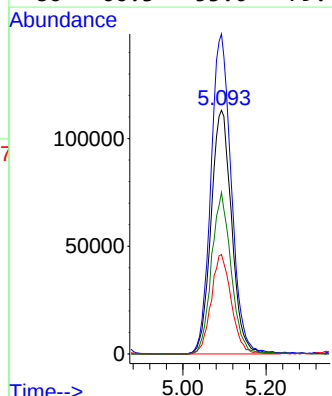
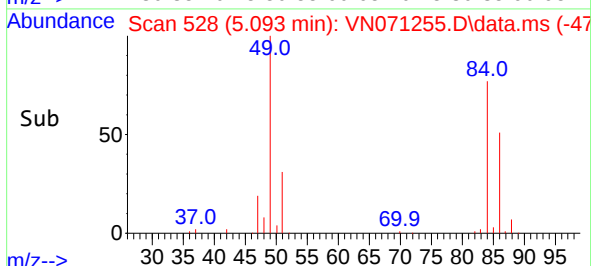
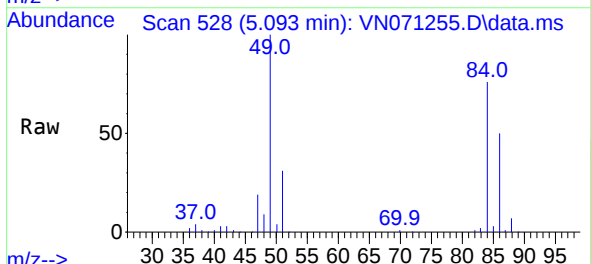
Manual Integrations
APPROVED

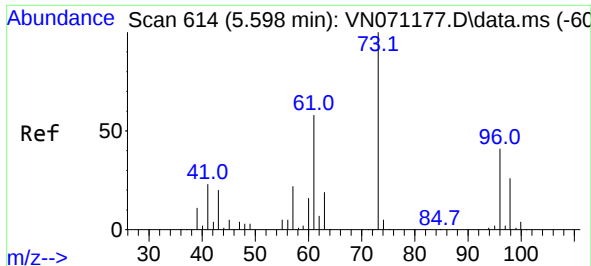
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#20
Methylene Chloride
Concen: 50.185 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion: 84 Resp: 389105
Ion Ratio Lower Upper
84 100
49 131.3 93.5 140.3
51 40.8 29.4 44.2
86 66.3 53.0 79.4





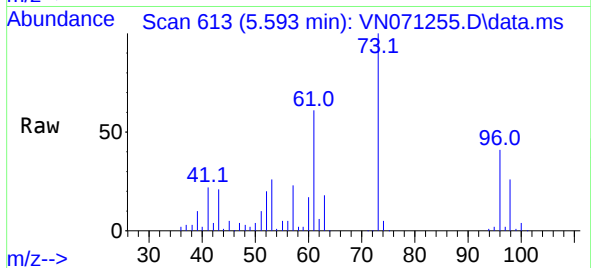
#21
trans-1,2-Dichloroethene
Concen: 47.668 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



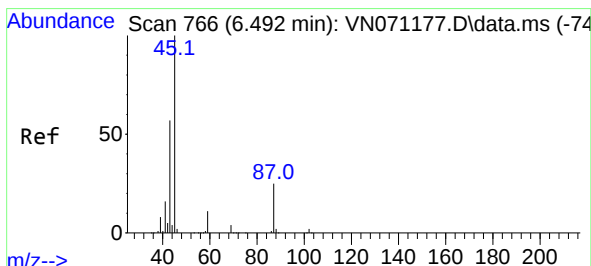
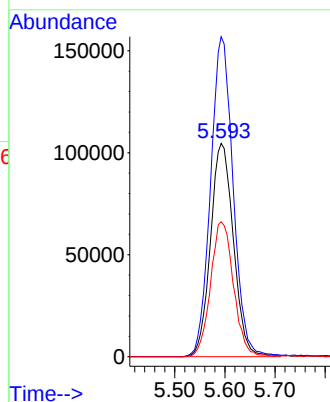
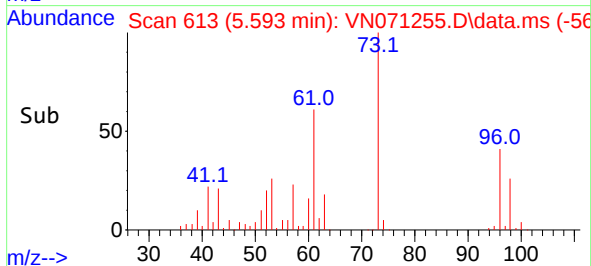
Tgt Ion: 96 Resp: 33252
Ion Ratio Lower Upper
96 100
61 150.0 105.8 158.6
98 63.2 52.0 78.0

Manual Integrations

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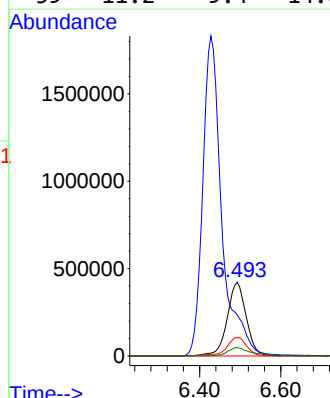
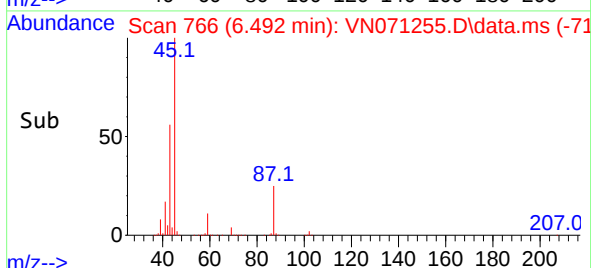
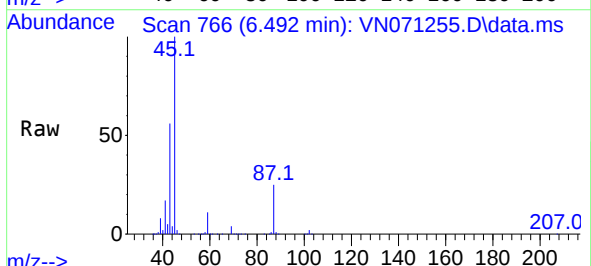
Reviewed By :John Carlone 03/14/2022

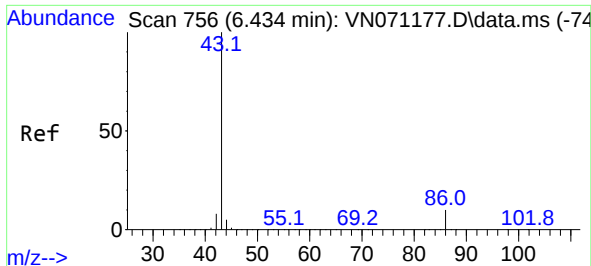
Supervised By :Mahesh Dadoda 03/15/2022



#22
Diisopropyl ether
Concen: 49.931 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

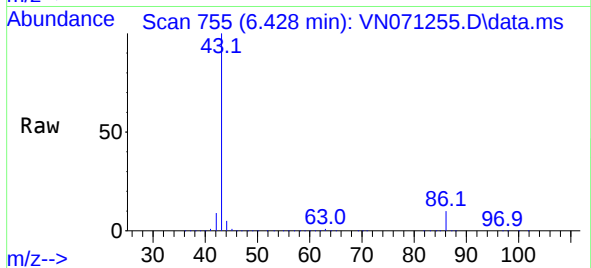
Tgt Ion: 45 Resp: 1364482
Ion Ratio Lower Upper
45 100
43 55.8 51.7 77.5
87 24.7 23.2 34.8
59 11.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 259.449 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071255.D
 Acq: 11 Mar 2022 18:11

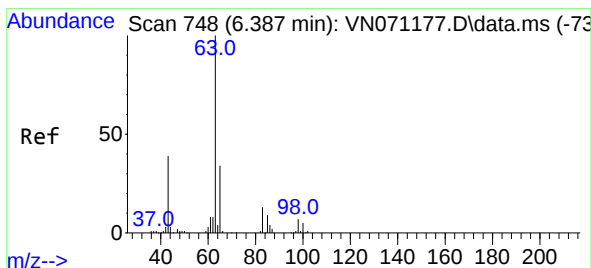
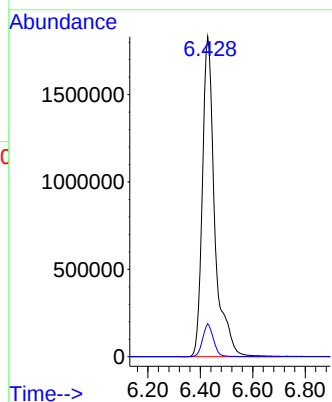
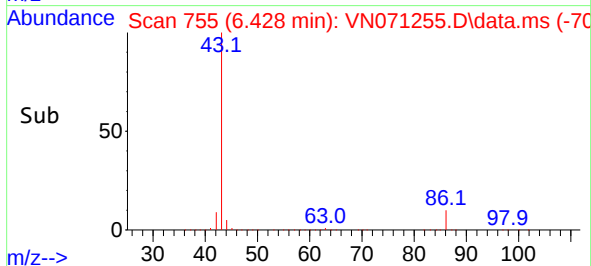
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



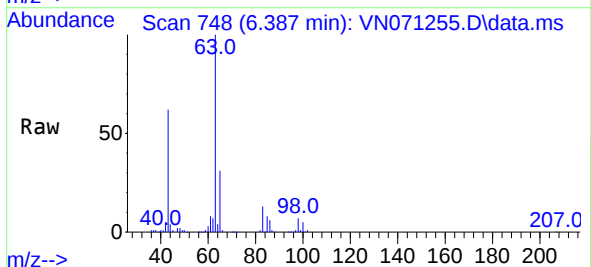
Tgt Ion: 43 Resp: 600225
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

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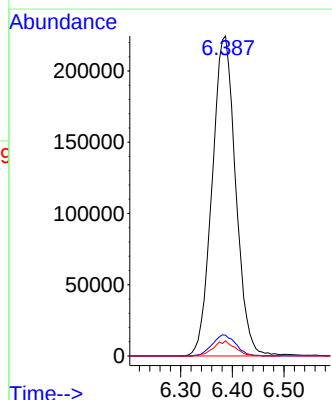
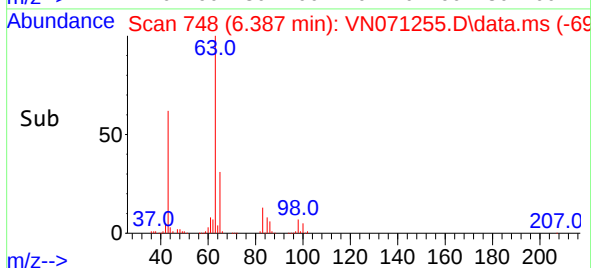
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022

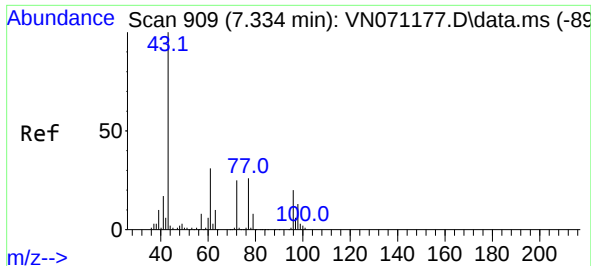


#24
 1,1-Dichloroethane
 Concen: 49.156 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071255.D
 Acq: 11 Mar 2022 18:11



Tgt Ion: 63 Resp: 709811
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.7 2.1 6.5





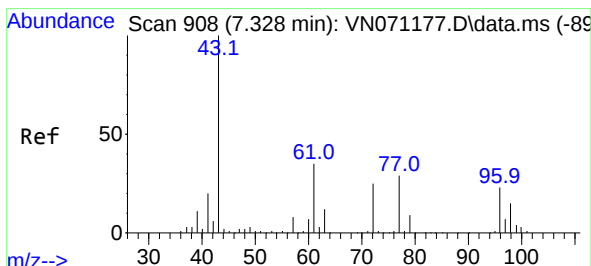
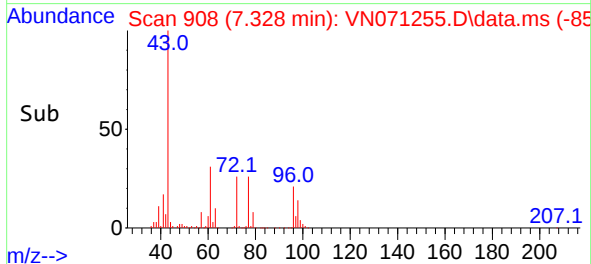
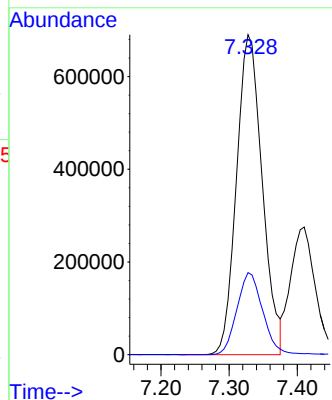
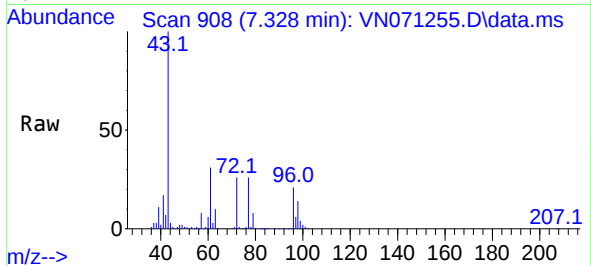
#25
2-Butanone
Concen: 264.389 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 180673
Ion Ratio Lower Upper
43 100
72 25.7 21.7 32.5

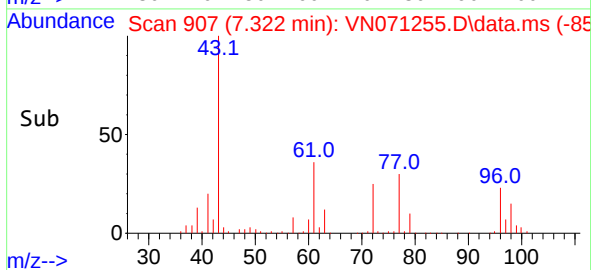
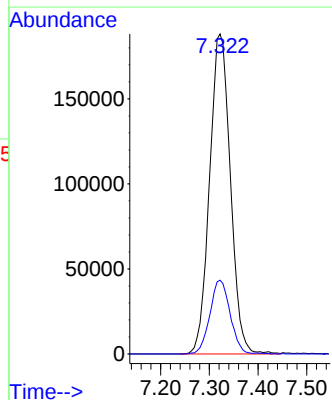
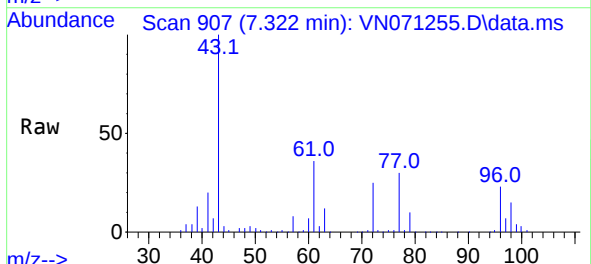
Manual Integrations
APPROVED

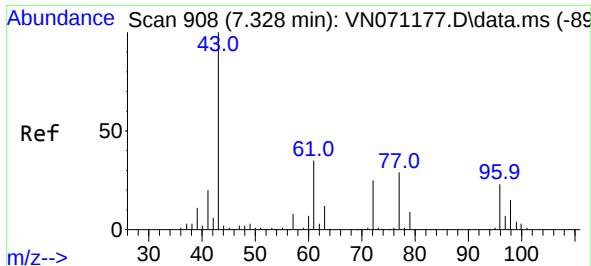
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#26
2,2-Dichloropropane
Concen: 50.020 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion: 77 Resp: 557232
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





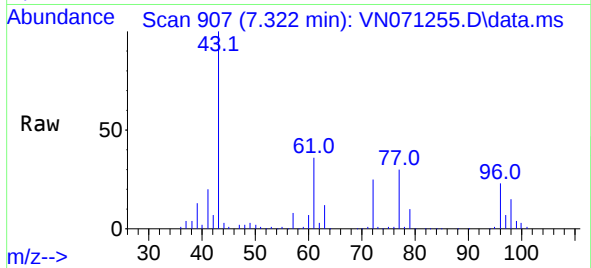
#27
cis-1,2-Dichloroethene
Concen: 49.426 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



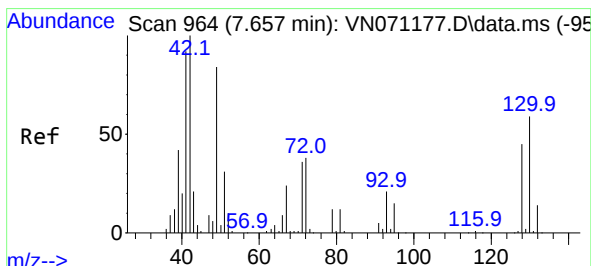
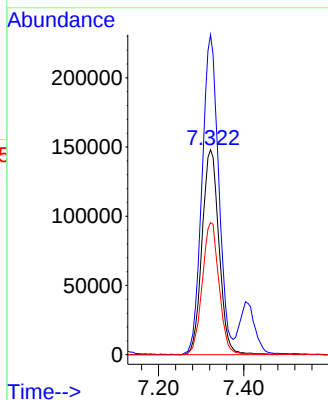
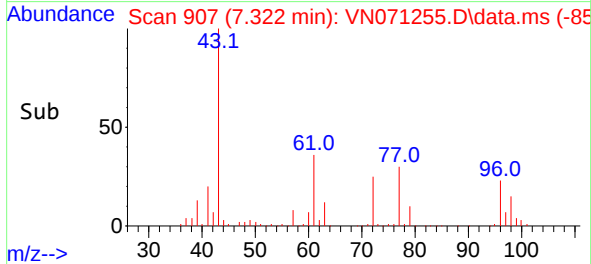
Tgt Ion: 96 Resp: 409210
Ion Ratio Lower Upper
96 100
61 153.3 0.0 275.0
98 63.6 0.0 129.6

Manual Integrations

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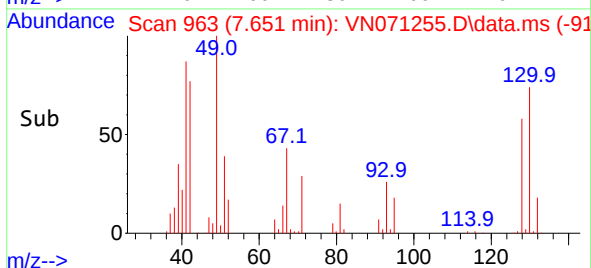
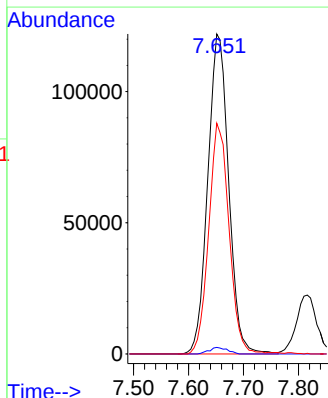
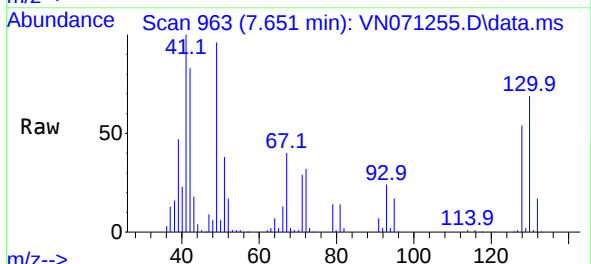
Reviewed By :John Carlone 03/14/2022

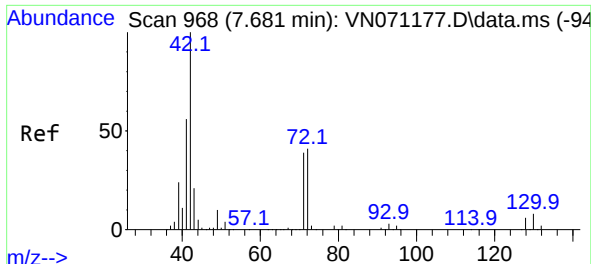
Supervised By :Mahesh Dadoda 03/15/2022



#28
Bromochloromethane
Concen: 50.024 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion: 49 Resp: 321672
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 70.4 67.8 101.8





#29

Tetrahydrofuran

Concen: 259.271 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071255.D

Acq: 11 Mar 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 122743

Ion Ratio Lower Upper

42 100

72 41.2 36.3 54.5

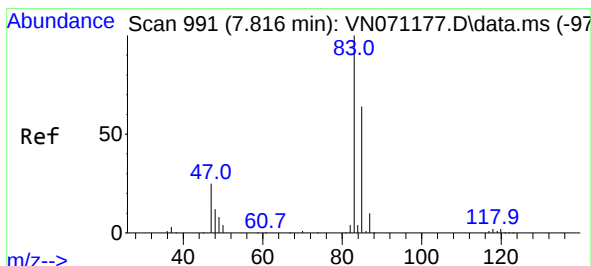
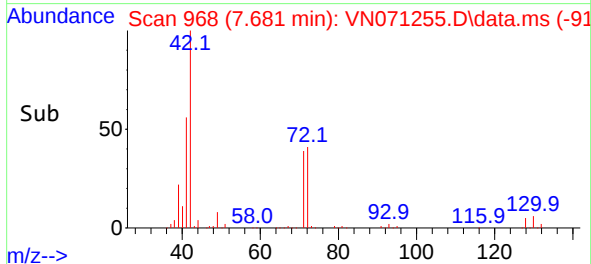
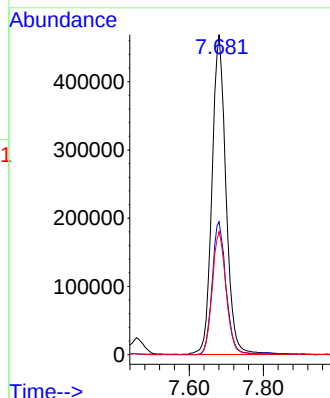
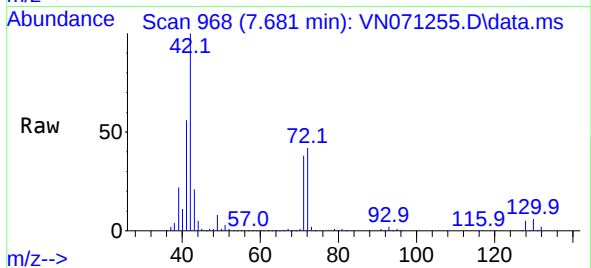
71 38.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#30

Chloroform

Concen: 49.262 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071255.D

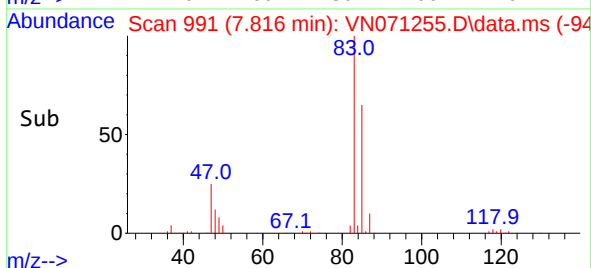
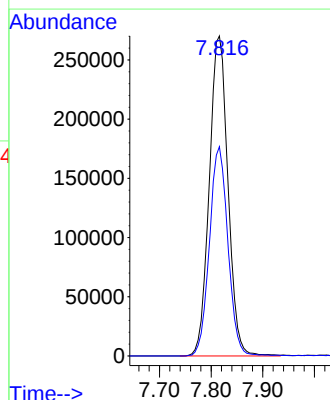
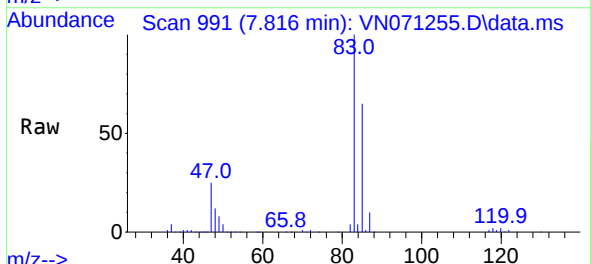
Acq: 11 Mar 2022 18:11

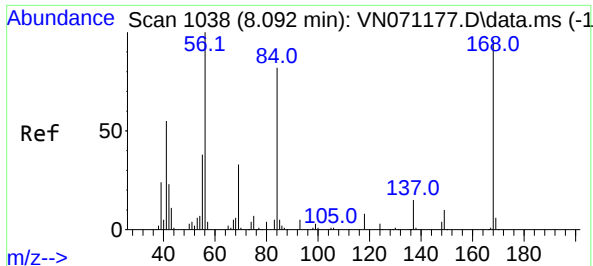
Tgt Ion: 83 Resp: 678460

Ion Ratio Lower Upper

83 100

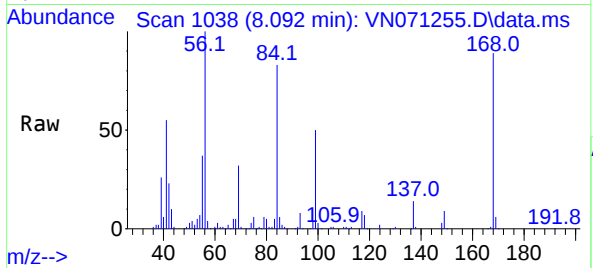
85 65.4 51.9 77.9





#31
Cyclohexane
Concen: 46.047 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

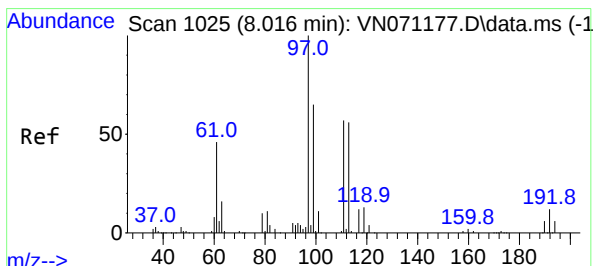
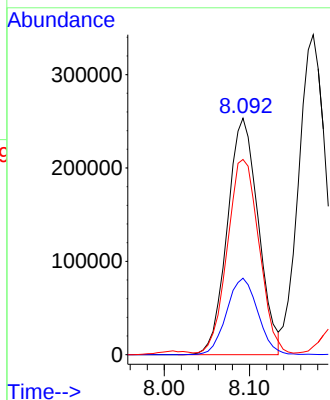
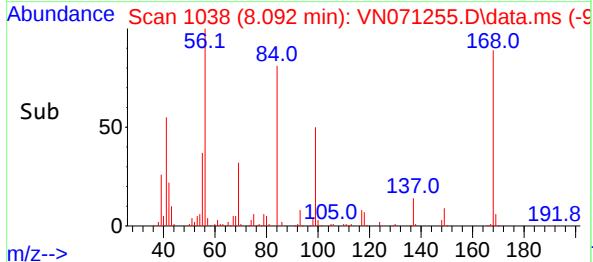
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



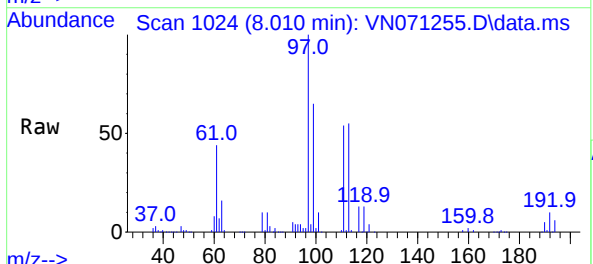
Tgt Ion: 56 Resp: 641090
Ion Ratio Lower Upper
56 100
69 32.4 27.1 40.7
84 81.4 73.4 110.0

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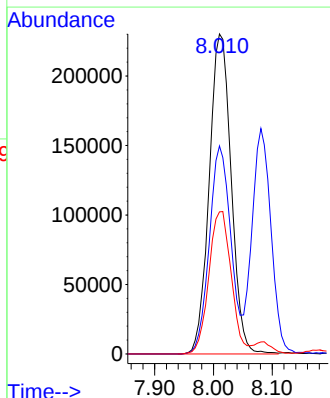
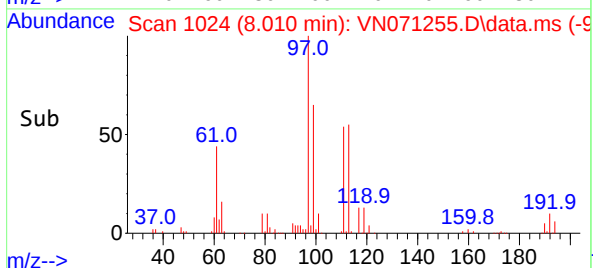
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

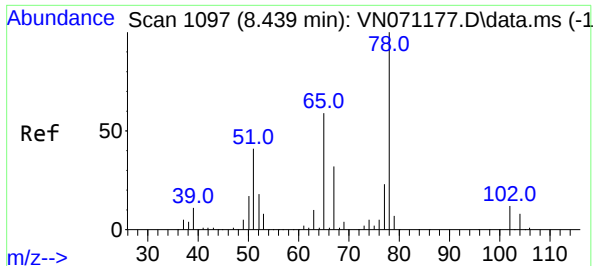


#32
1,1,1-Trichloroethane
Concen: 50.977 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



Tgt Ion: 97 Resp: 598033
Ion Ratio Lower Upper
97 100
99 62.9 50.1 75.1
61 45.5 35.2 52.8





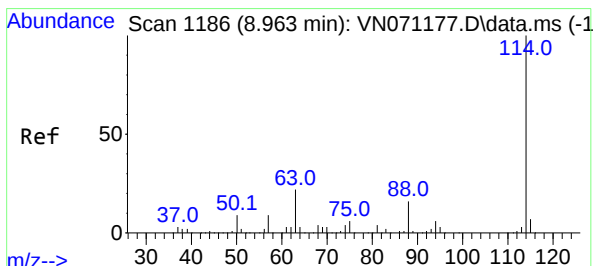
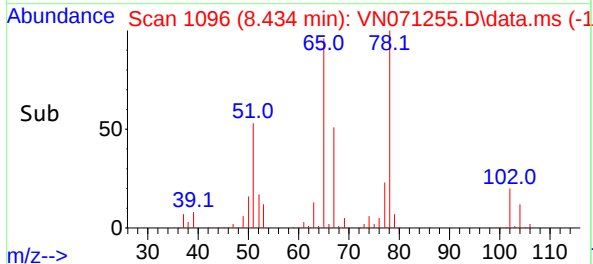
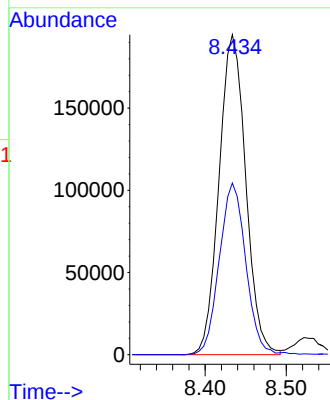
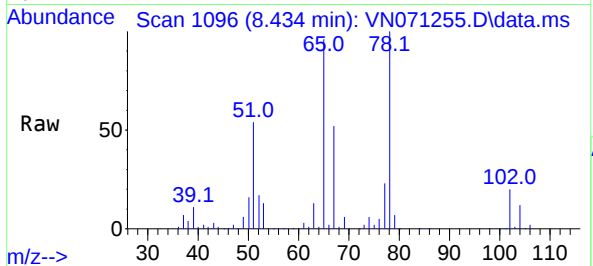
#33
1,2-Dichloroethane-d4
Concen: 51.066 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 445218
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0

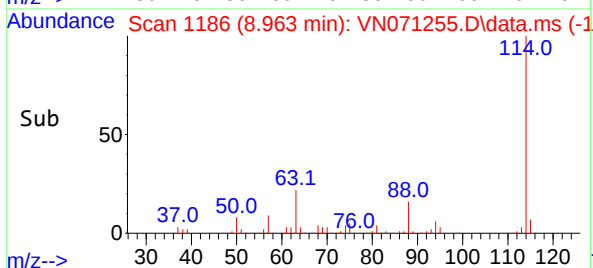
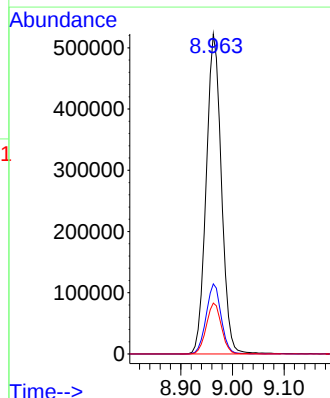
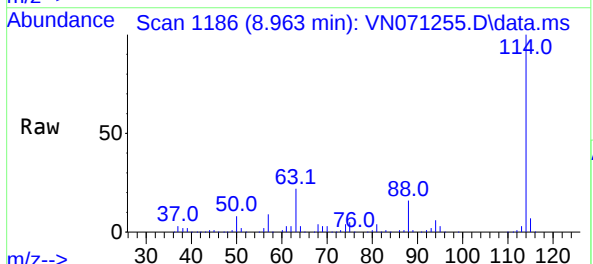
Manual Integrations
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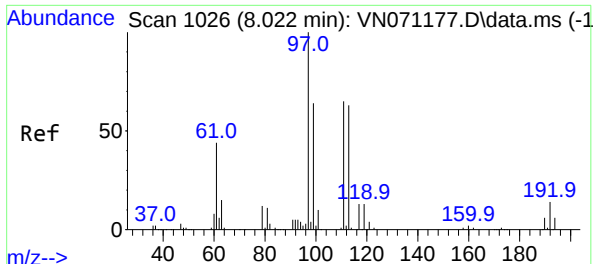
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

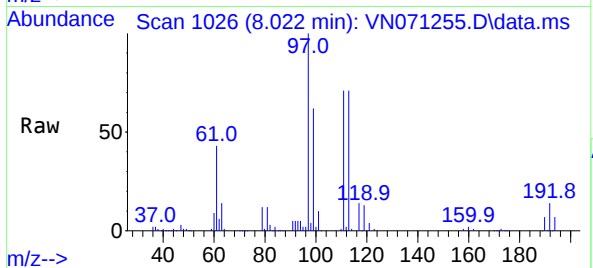
Tgt Ion:114 Resp: 1065771
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.070 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

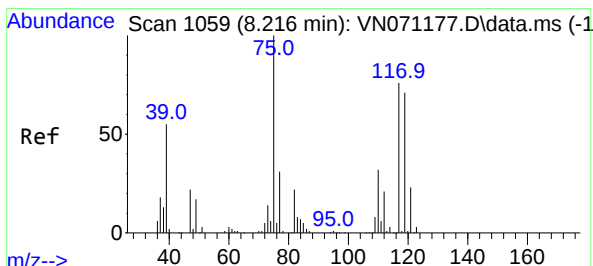
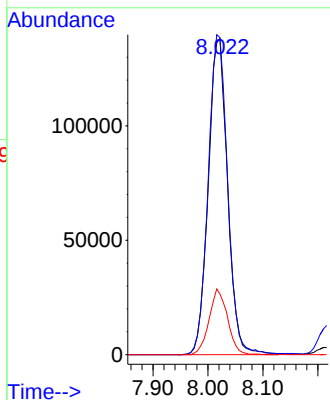
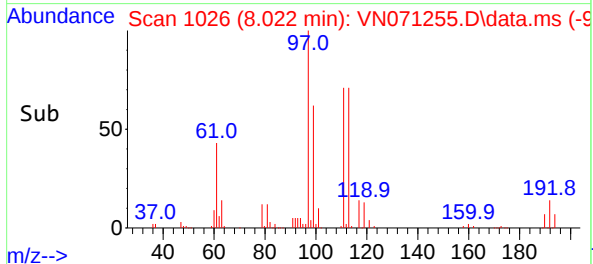
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



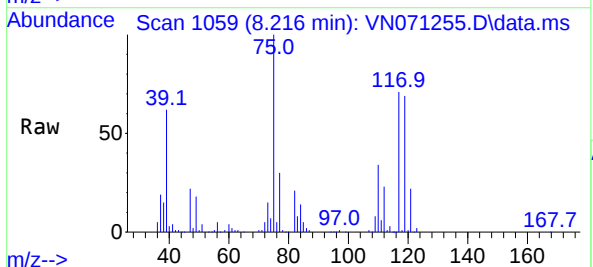
Tgt Ion:113 Resp: 336739
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.9 16.9 25.3

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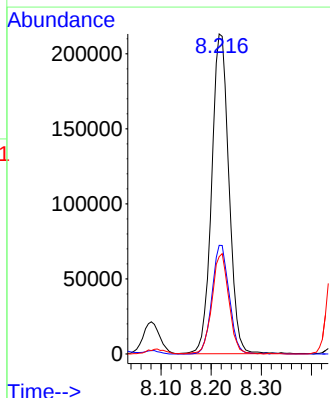
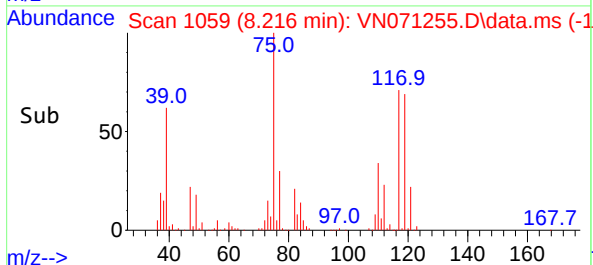
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

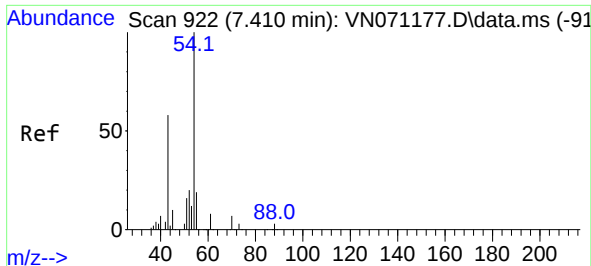


#36
1,1-Dichloropropene
Concen: 47.231 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



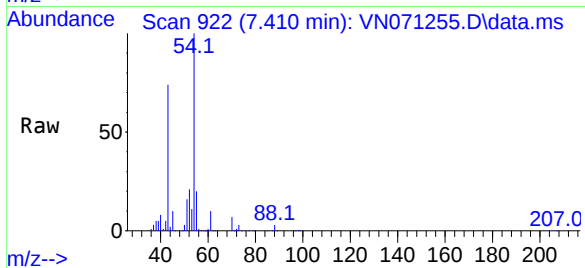
Tgt Ion: 75 Resp: 508943
Ion Ratio Lower Upper
75 100
110 33.7 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 48.104 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

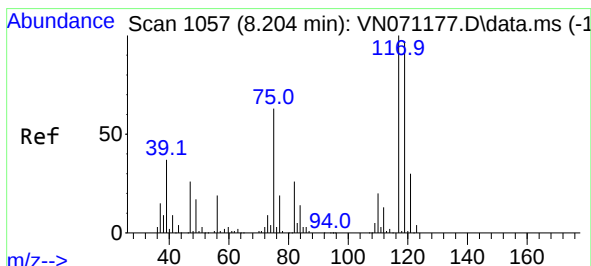
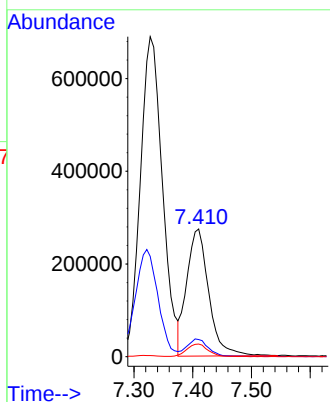
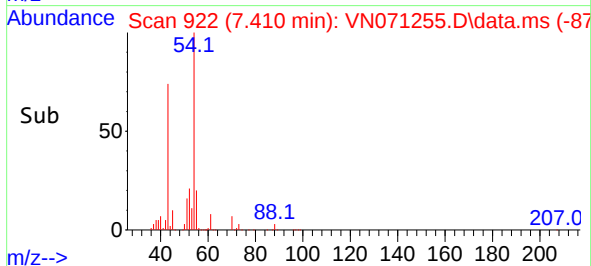
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 713370
Ion Ratio Lower Upper
43 100
61 13.4 11.5 17.3
70 9.5 7.9 11.9

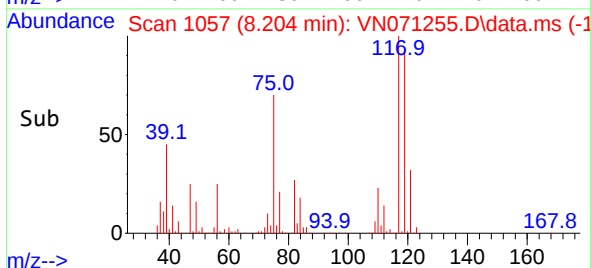
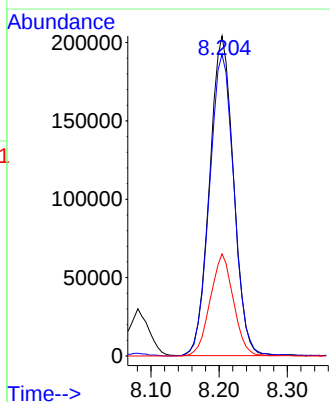
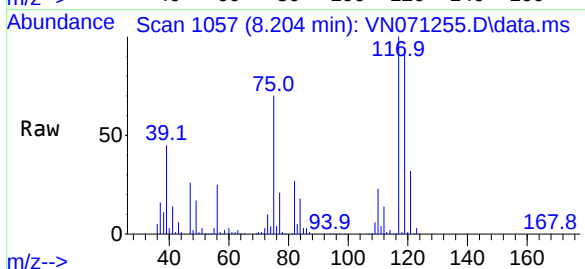
Manual Integrations
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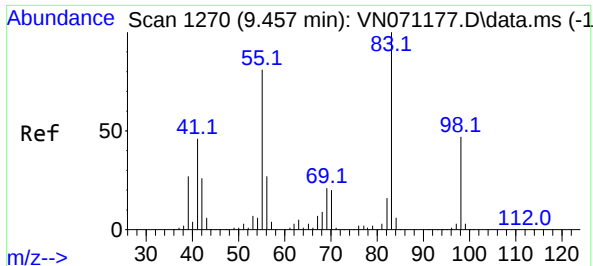
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#38
Carbon Tetrachloride
Concen: 47.896 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion:117 Resp: 499209
Ion Ratio Lower Upper
117 100
119 94.2 76.1 114.1
121 31.9 24.2 36.2





#39
Methylcyclohexane
Concen: 48.304 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

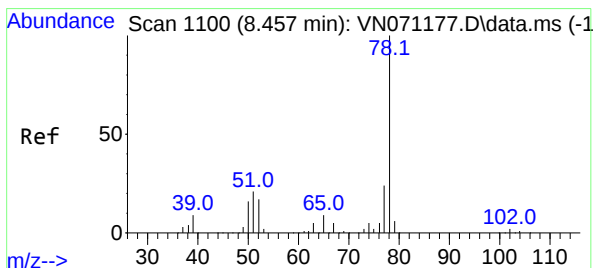
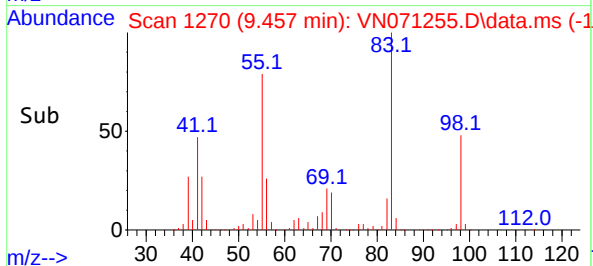
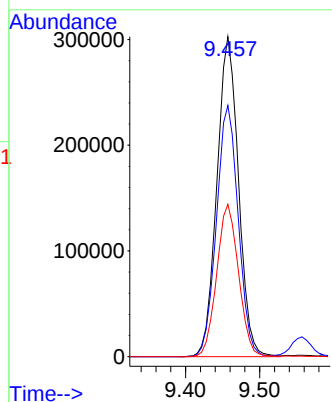
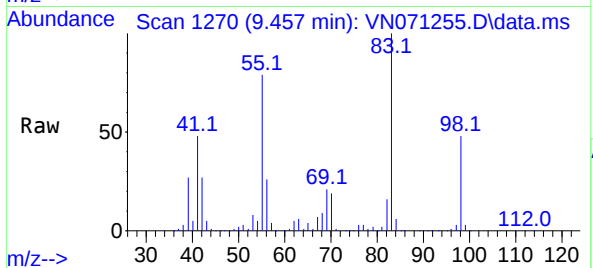
VSTDCCC050EC

Tgt Ion: 83 Resp: 61232
Ion Ratio Lower Upper
83 100
55 78.5 58.1 87.1
98 47.6 38.4 57.6

Manual Integrations

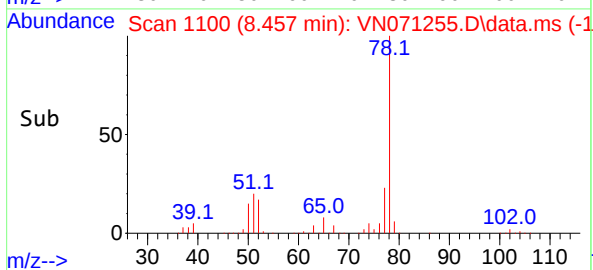
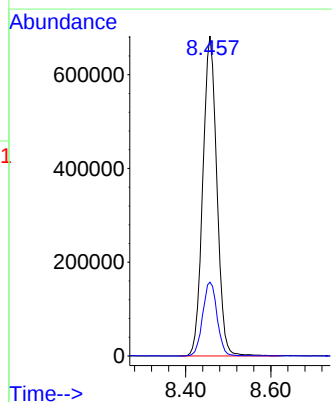
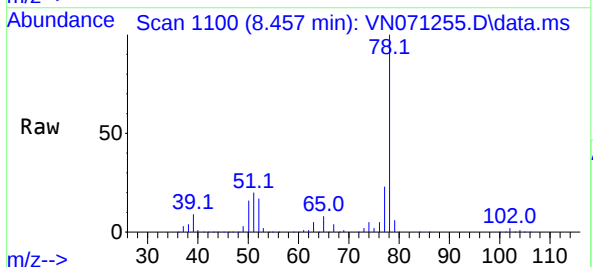
APPROVED

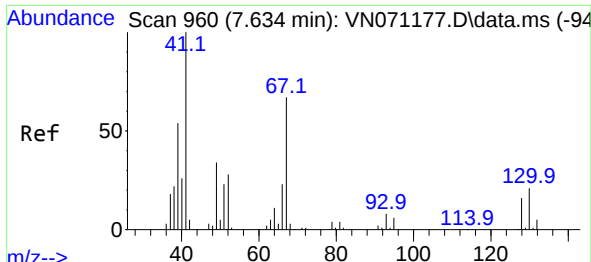
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#40
Benzene
Concen: 48.054 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

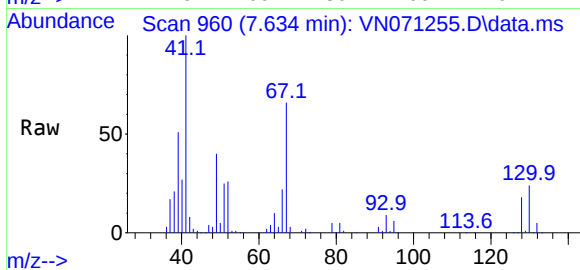
Tgt Ion: 78 Resp: 1560112
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41
Methacrylonitrile
Concen: 46.546 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

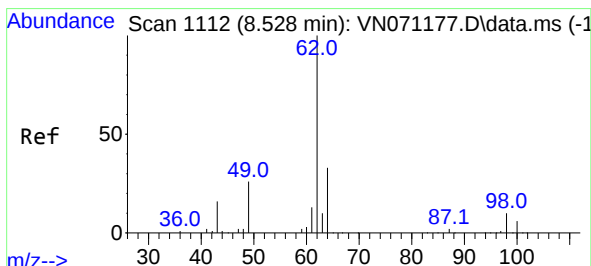
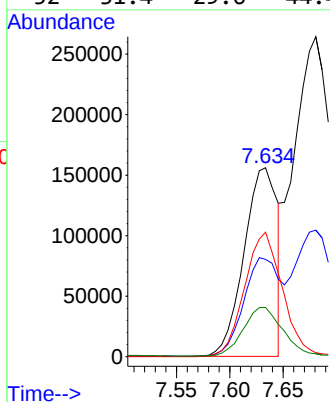
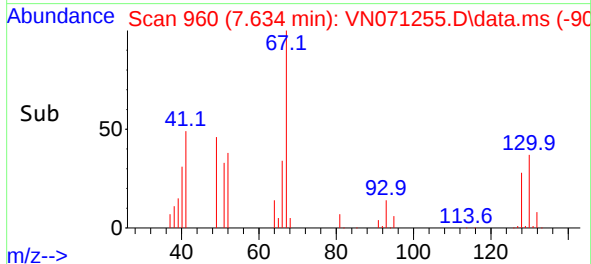
Instrument :
MSVOA_N
Client SampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 337802
Ion Ratio Lower Upper
41 100
39 58.7 48.1 72.1
67 75.7 68.3 102.5
52 31.4 29.6 44.4

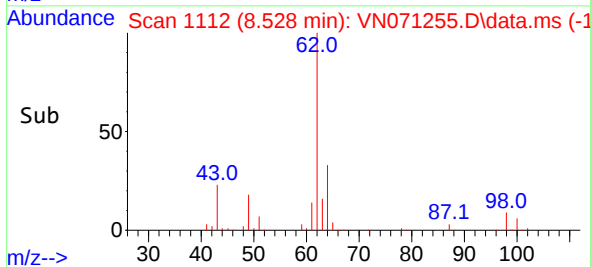
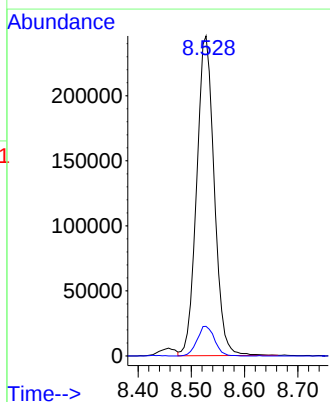
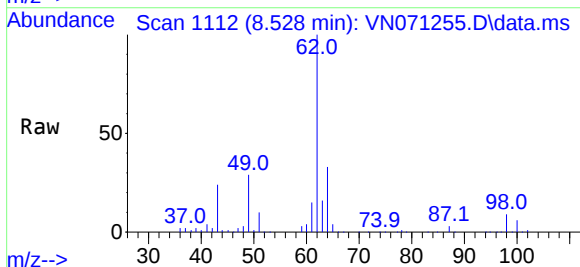
Manual Integrations
APPROVED

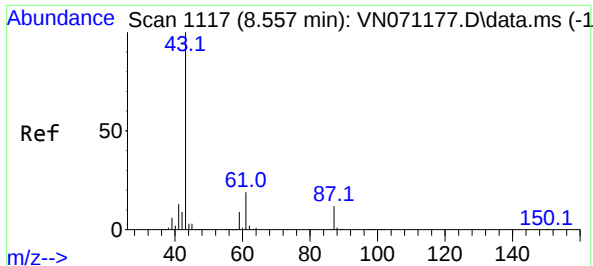
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#42
1,2-Dichloroethane
Concen: 49.708 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

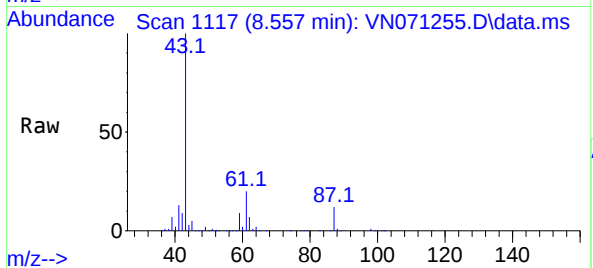
Tgt Ion: 62 Resp: 561591
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 51.587 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

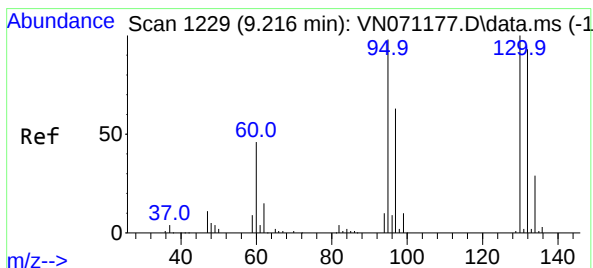
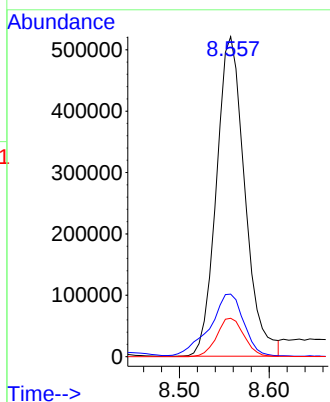
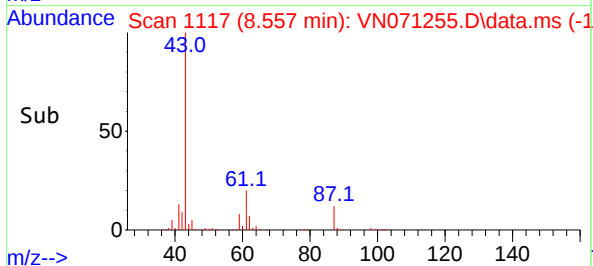
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



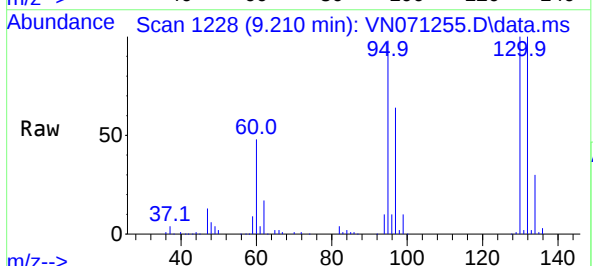
Tgt Ion: 43 Resp: 1144029
Ion Ratio Lower Upper
43 100
61 23.5 20.4 30.6
87 11.7 11.2 16.8

Manual Integrations
APPROVED

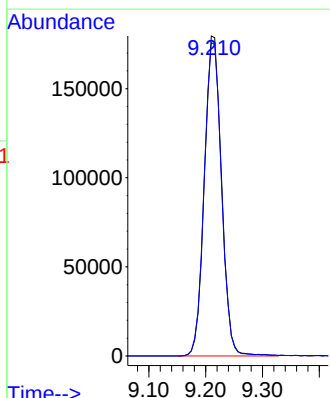
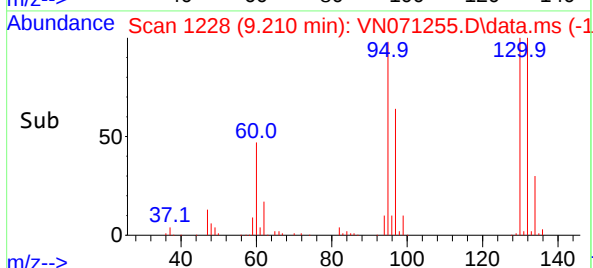
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

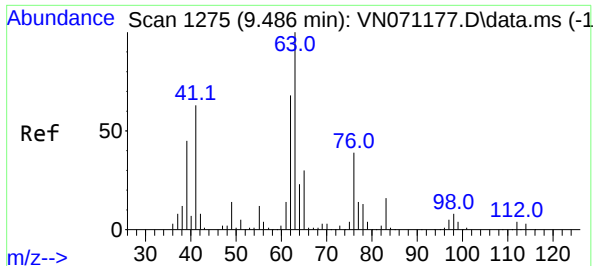


#44
Trichloroethene
Concen: 48.816 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



Tgt Ion:130 Resp: 373943
Ion Ratio Lower Upper
130 100
95 97.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 48.161 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071255.D

Acq: 11 Mar 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 41973

Ion Ratio Lower Upper

63 100

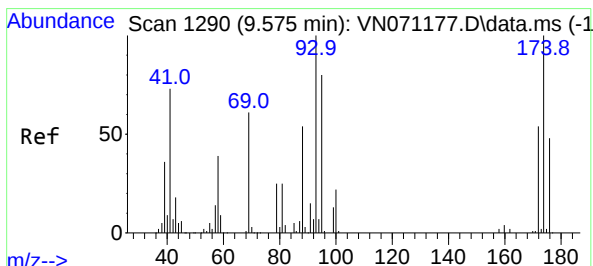
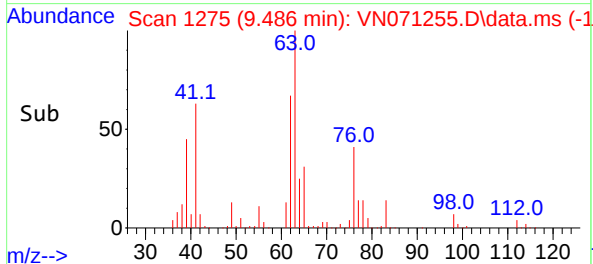
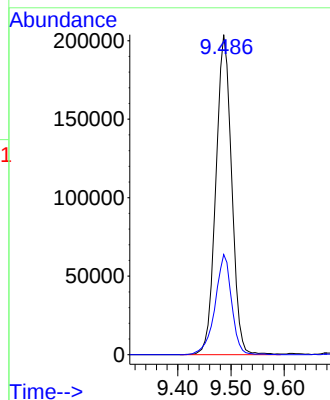
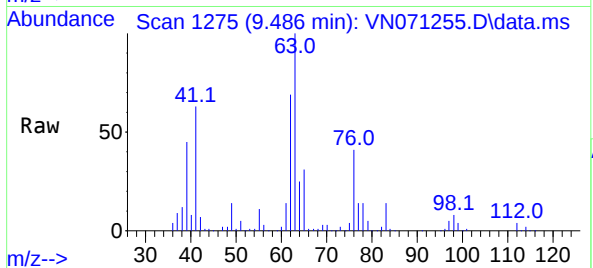
65 31.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#46

Dibromomethane

Concen: 49.120 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071255.D

Acq: 11 Mar 2022 18:11

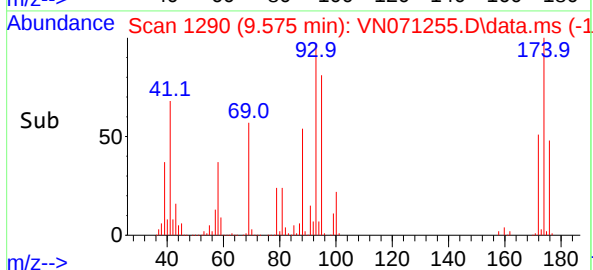
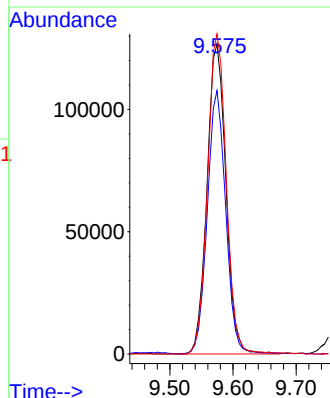
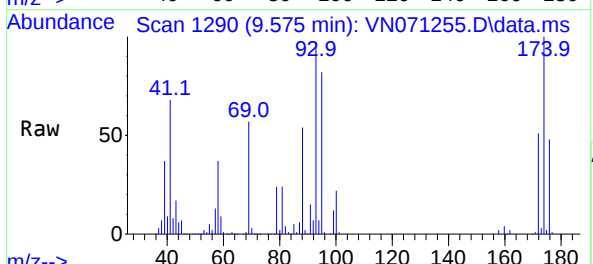
Tgt Ion: 93 Resp: 263489

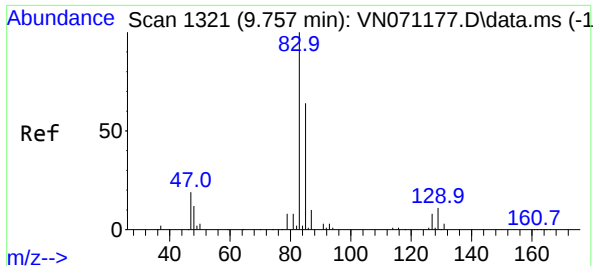
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

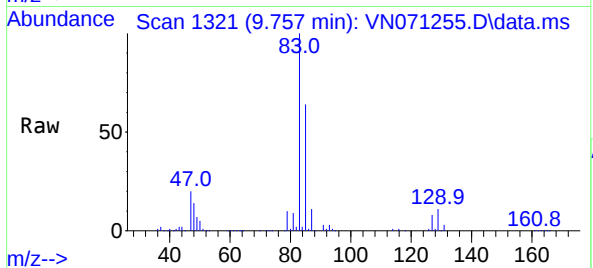
174 102.5 84.6 127.0





#47
Bromodichloromethane
Concen: 49.610 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

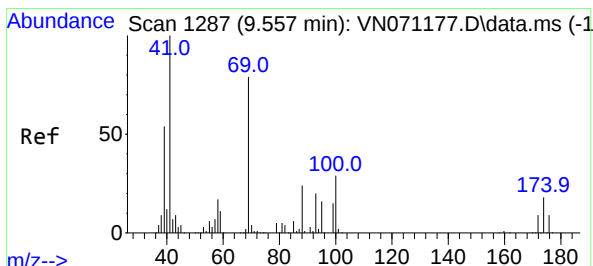
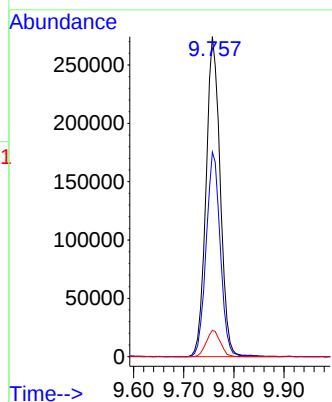
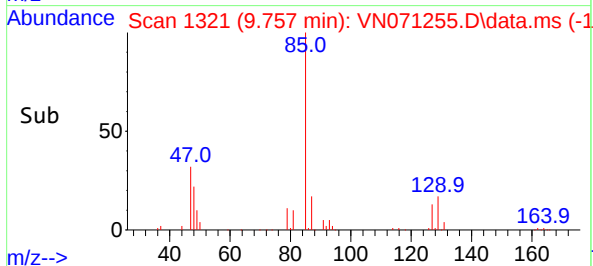
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



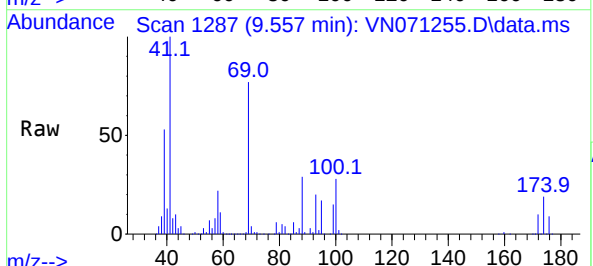
Tgt Ion: 83 Resp: 537792
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.2 7.1 10.7

Manual Integrations
APPROVED

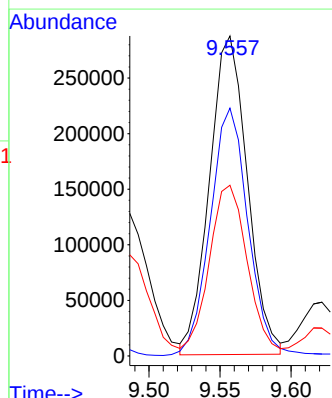
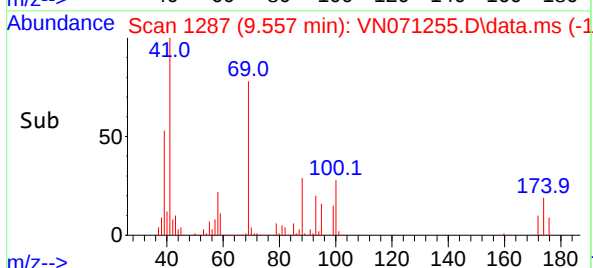
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

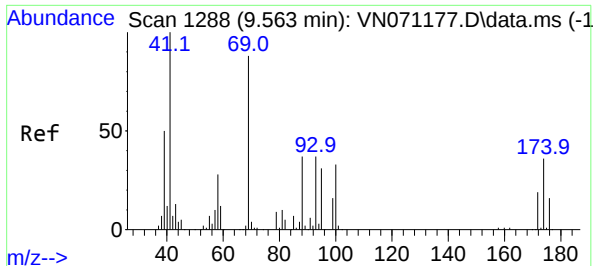


#48
Methyl methacrylate
Concen: 51.746 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



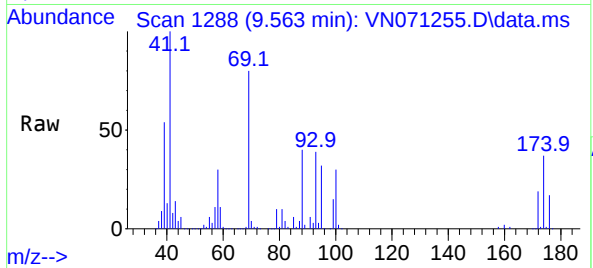
Tgt Ion: 41 Resp: 531802
Ion Ratio Lower Upper
41 100
69 78.3 72.4 108.6
39 54.3 58.4 87.6#





#49
1,4-Dioxane
Concen: 1108.272 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

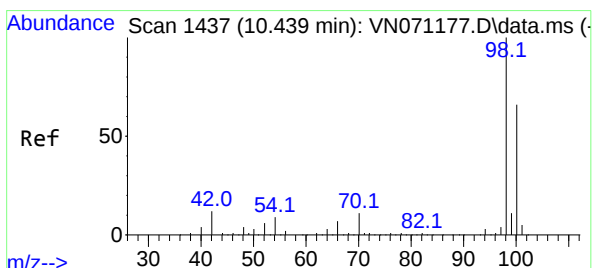
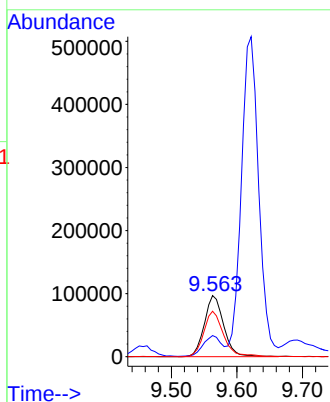
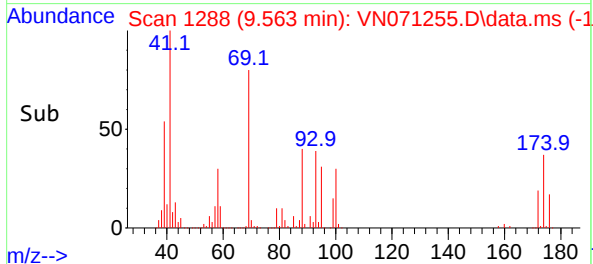
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 197979
Ion Ratio Lower Upper
88 100
43 31.3 23.4 35.2
58 76.1 50.6 75.8

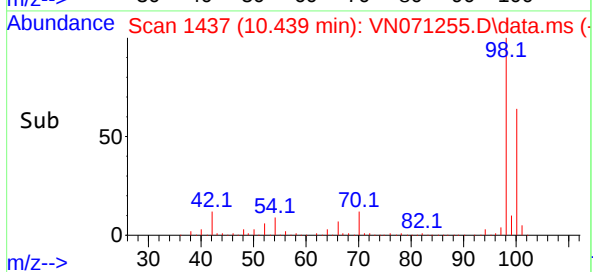
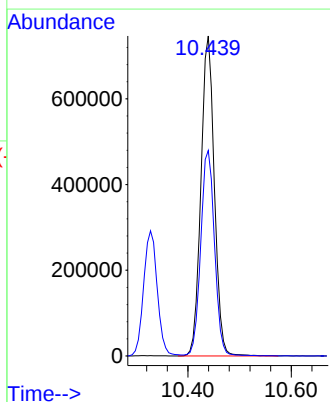
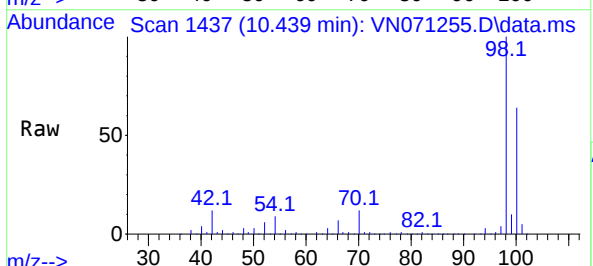
Manual Integrations
APPROVED

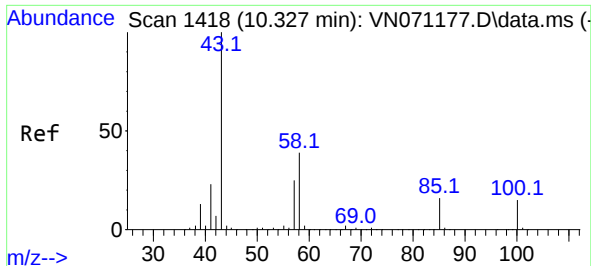
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#50
Toluene-d8
Concen: 49.665 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion: 98 Resp: 1344837
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6





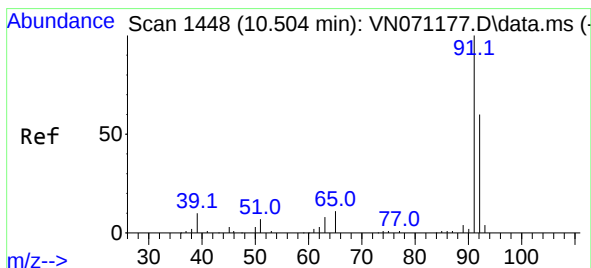
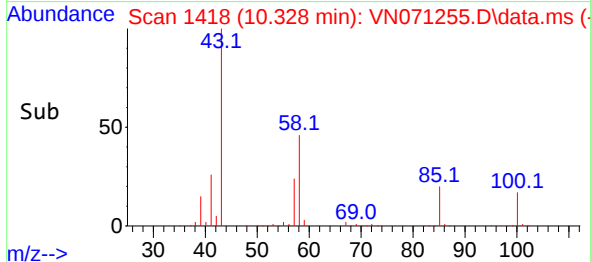
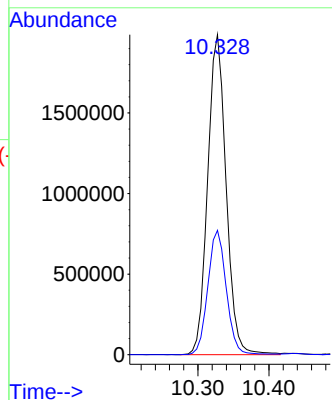
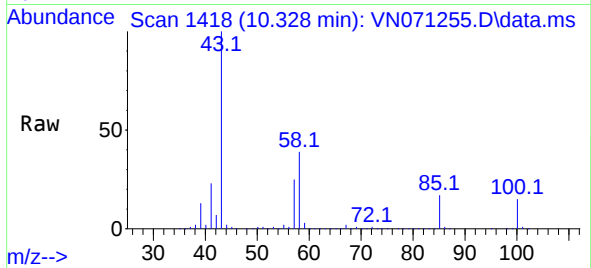
#51
4-Methyl-2-Pentanone
Concen: 260.619 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 358688
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

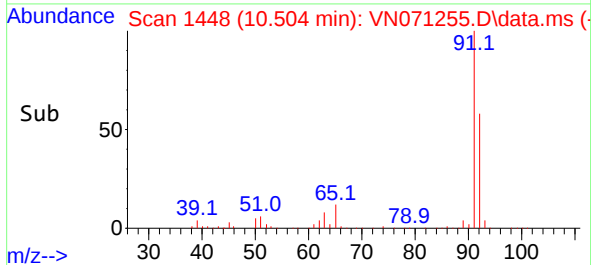
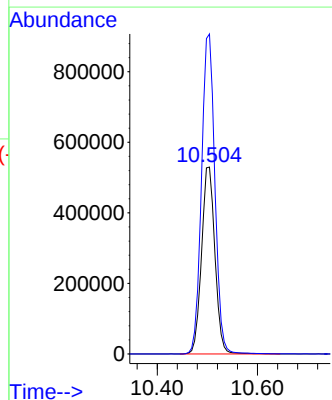
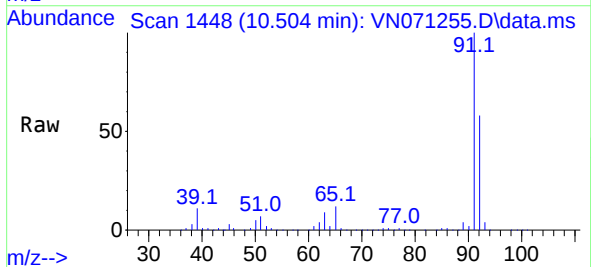
Manual Integrations
APPROVED

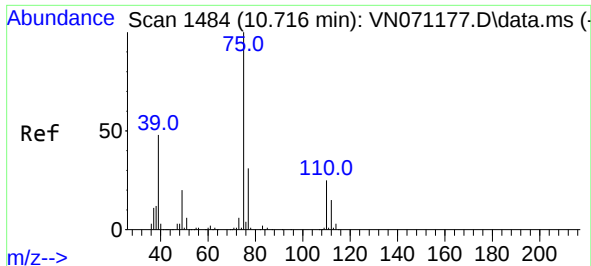
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#52
Toluene
Concen: 49.083 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion: 92 Resp: 981256
Ion Ratio Lower Upper
92 100
91 171.4 142.0 213.0





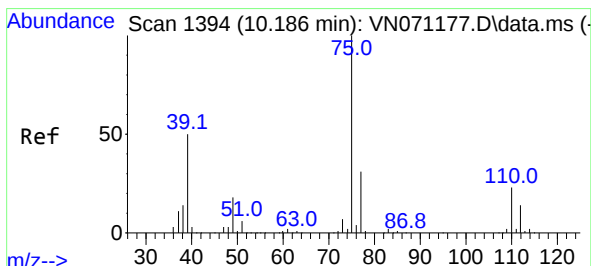
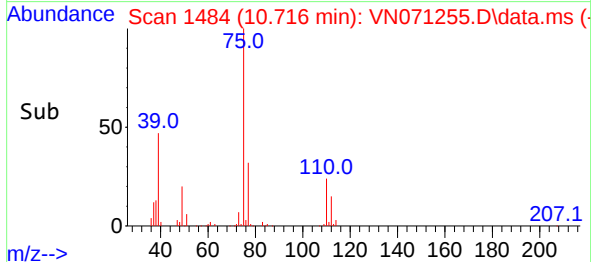
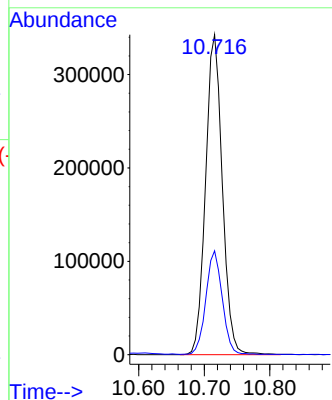
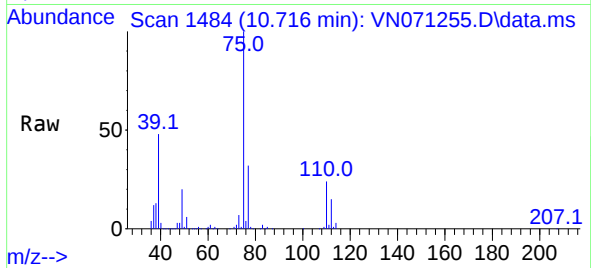
#53
t-1,3-Dichloropropene
Concen: 51.009 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 60954
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4

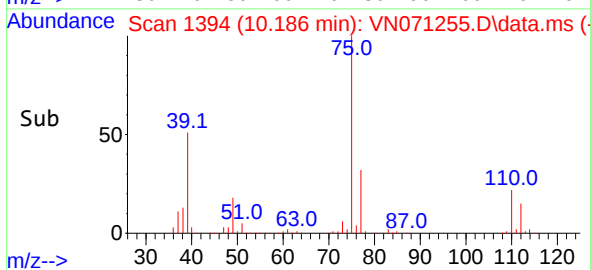
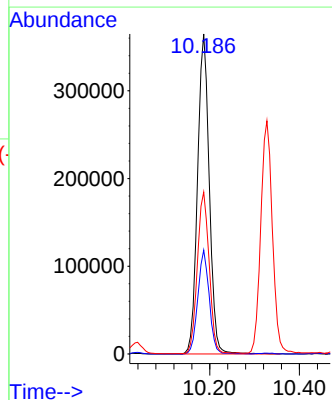
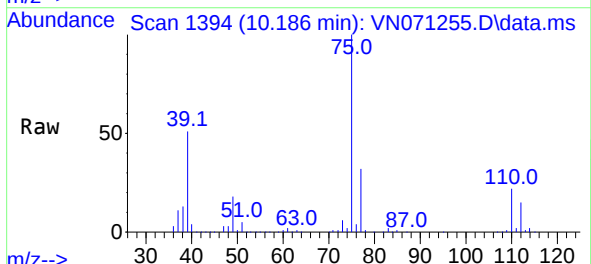
Manual Integrations
APPROVED

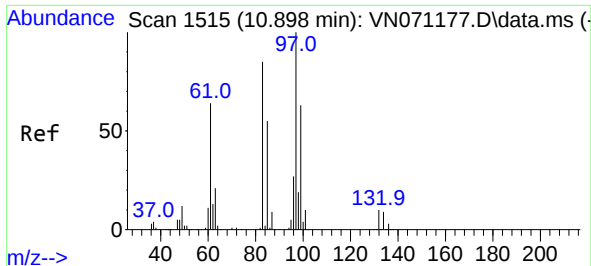
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#54
cis-1,3-Dichloropropene
Concen: 50.668 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion: 75 Resp: 661569
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
39 50.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.303 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

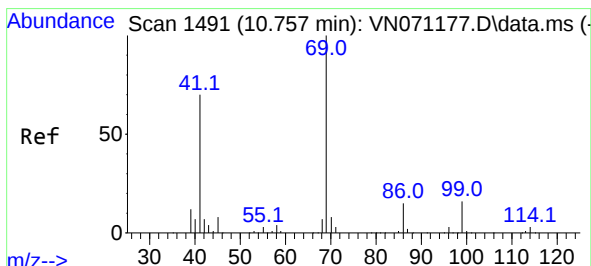
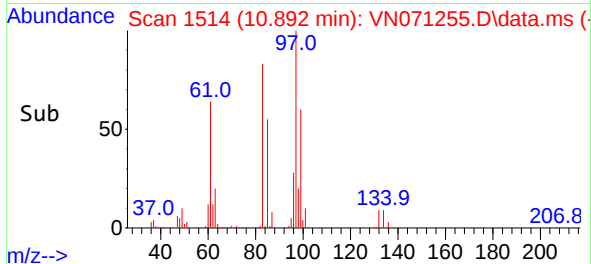
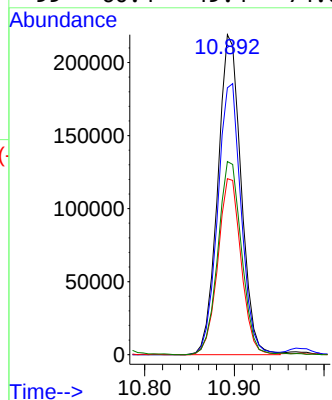
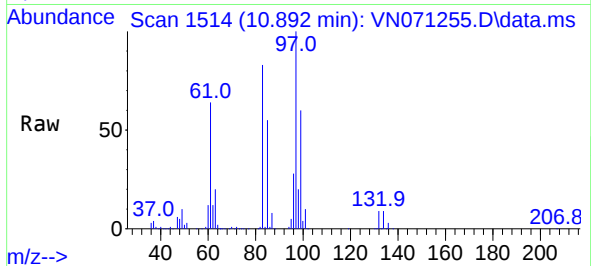
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 39496

Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.8	101.6
85	55.0	45.4	68.2
99	60.4	49.4	74.0

Manual Integrations
APPROVED

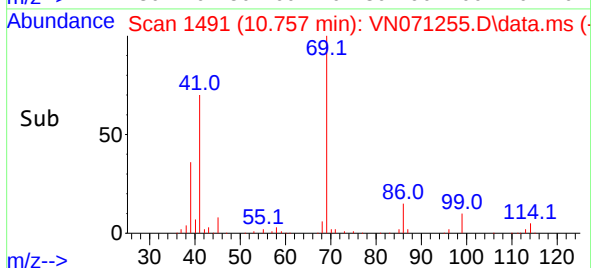
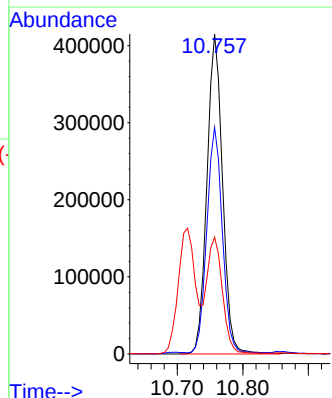
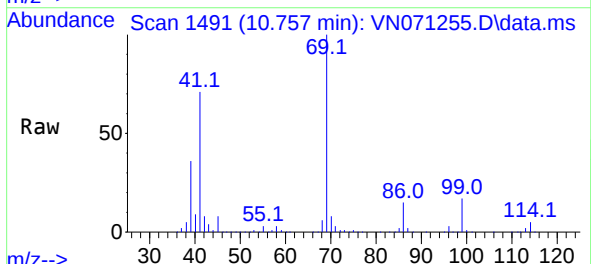
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

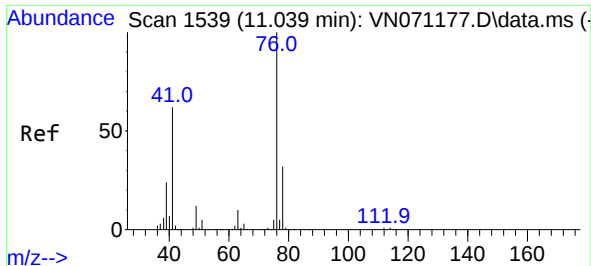


#56
Ethyl methacrylate
Concen: 52.531 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion: 69 Resp: 687231

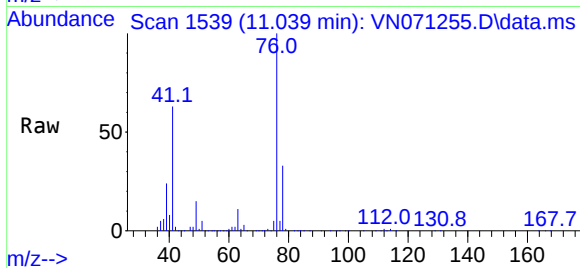
Ion	Ratio	Lower	Upper
69	100		
41	69.9	51.4	77.0
39	37.7	34.6	52.0





#57
1,3-Dichloropropane
Concen: 48.574 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

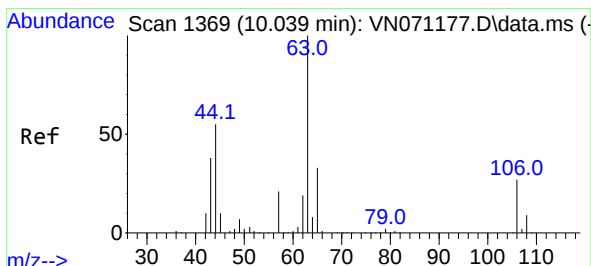
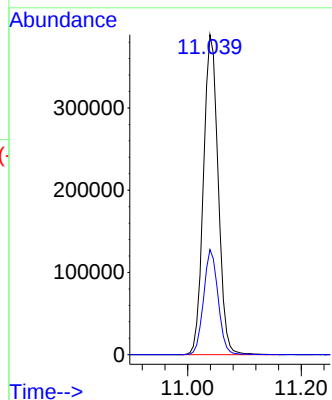
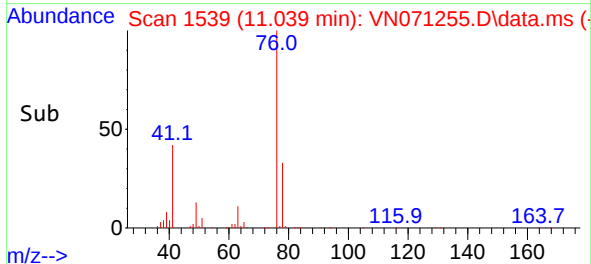
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



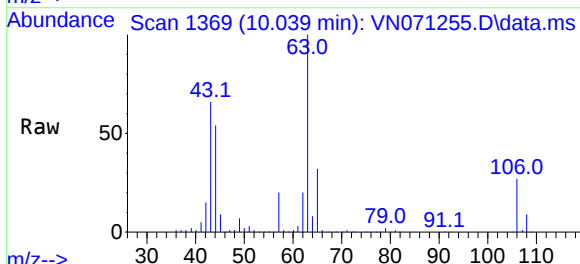
Tgt Ion: 76 Resp: 698460
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

Manual Integrations
APPROVED

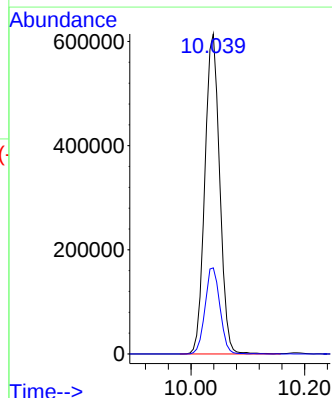
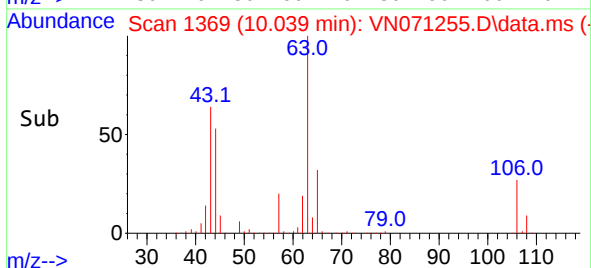
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

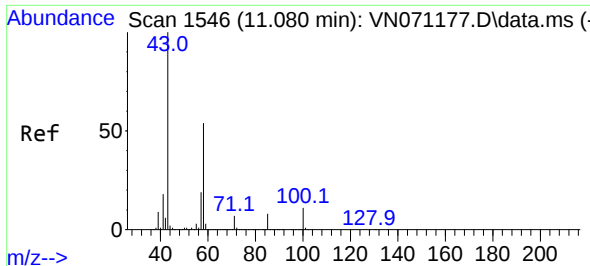


#58
2-Chloroethyl Vinyl ether
Concen: 387.219 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



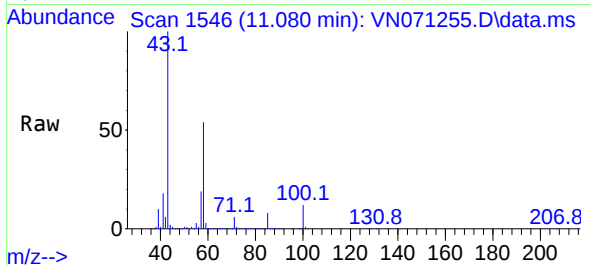
Tgt Ion: 63 Resp: 1111601
Ion Ratio Lower Upper
63 100
106 27.0 23.9 35.9





#59
2-Hexanone
Concen: 287.127 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

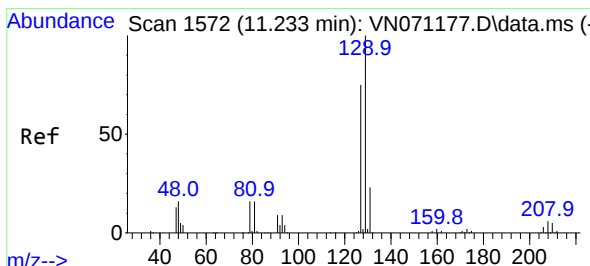
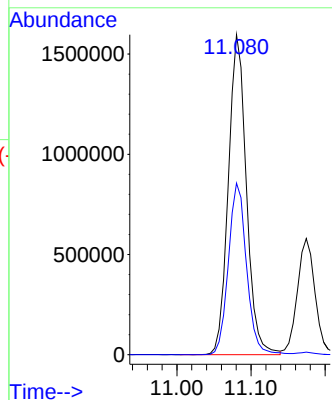
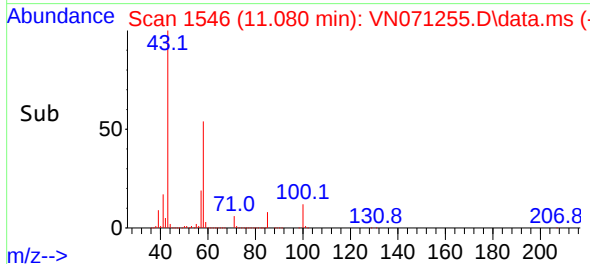
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



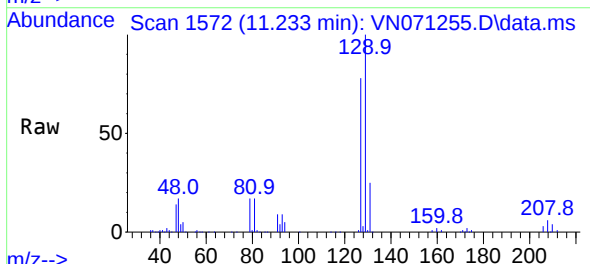
Tgt Ion: 43 Resp: 2696288
Ion Ratio Lower Upper
43 100
58 54.0 26.9 80.7

Manual Integrations
APPROVED

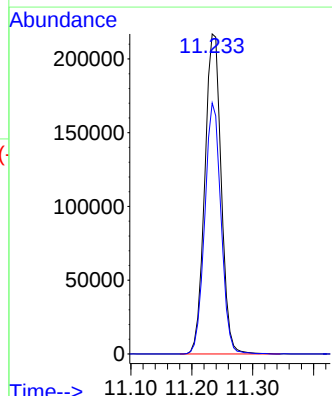
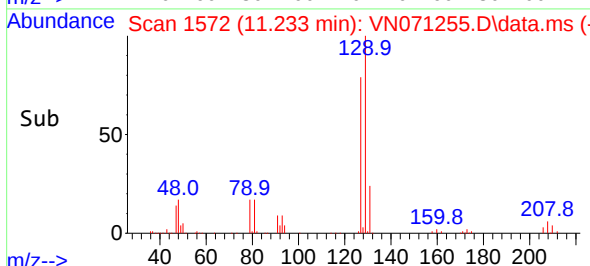
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

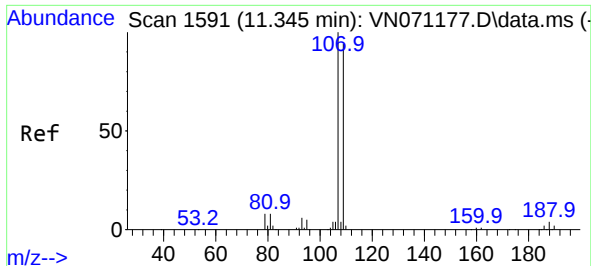


#60
Dibromochloromethane
Concen: 51.044 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



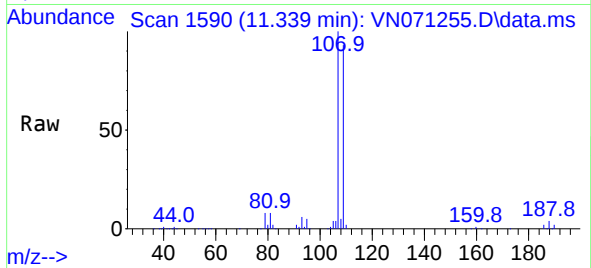
Tgt Ion:129 Resp: 406289
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.060 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

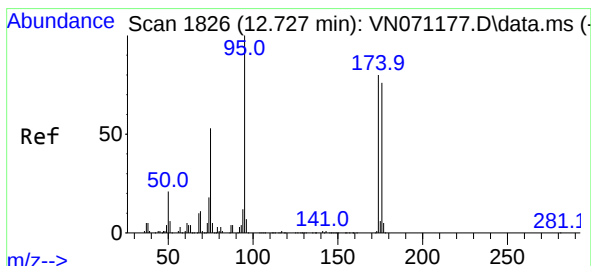
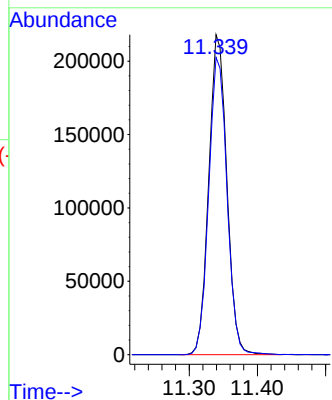
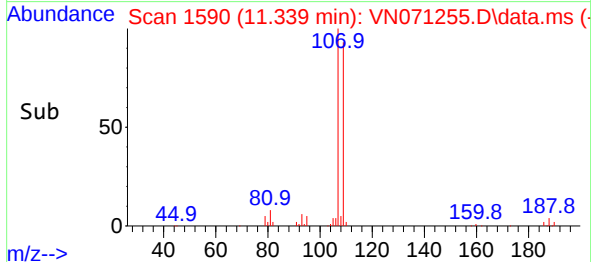
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



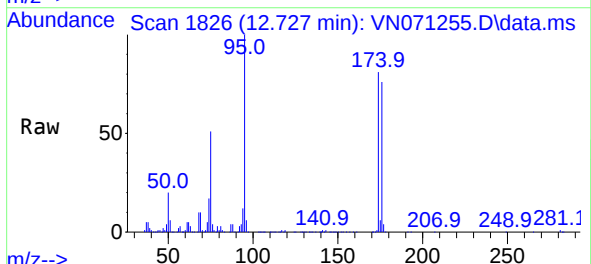
Tgt Ion:107 Resp: 401674
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations
APPROVED

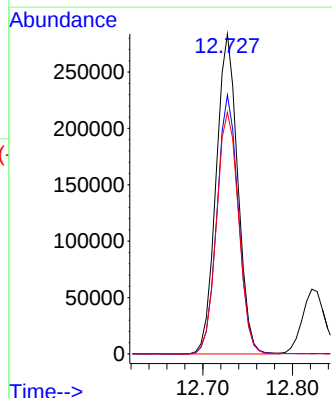
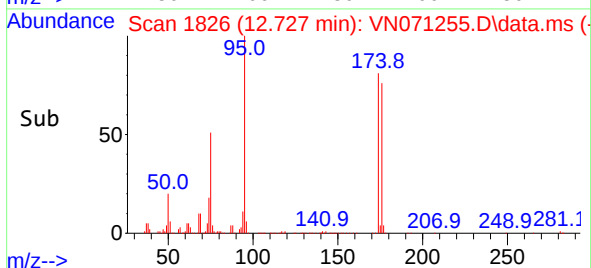
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

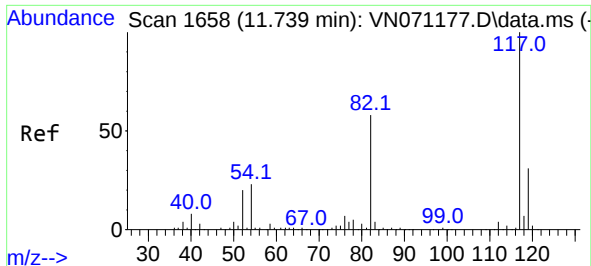


#62
4-Bromofluorobenzene
Concen: 51.722 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



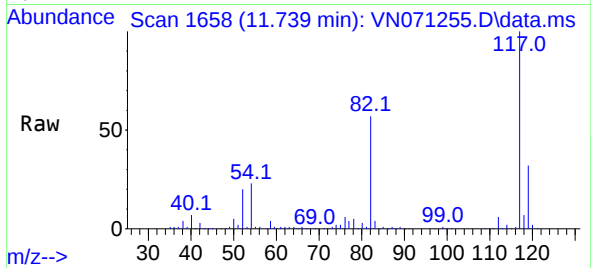
Tgt Ion: 95 Resp: 474264
Ion Ratio Lower Upper
95 100
174 80.1 0.0 187.2
176 77.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

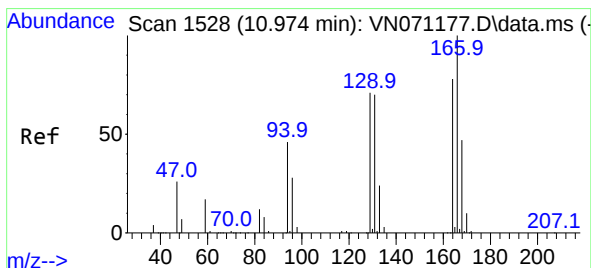
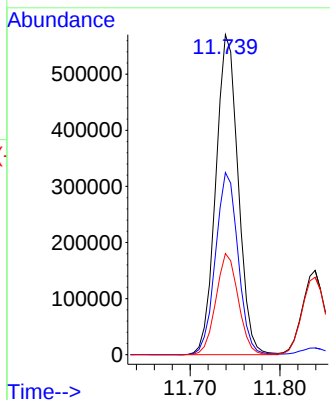
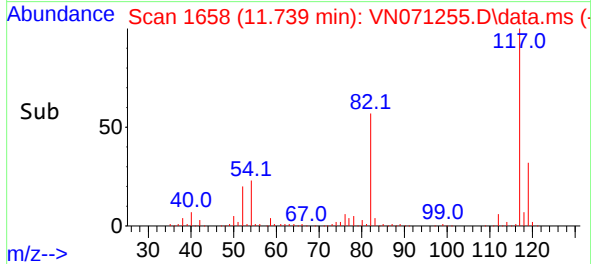
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



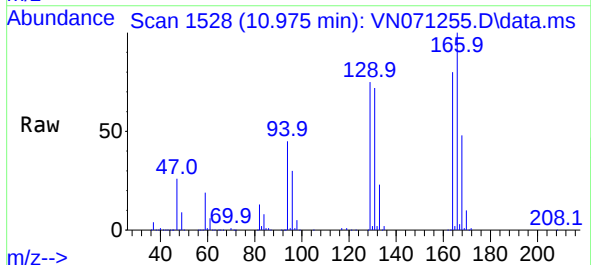
Tgt Ion:117 Resp: 989339
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
APPROVED

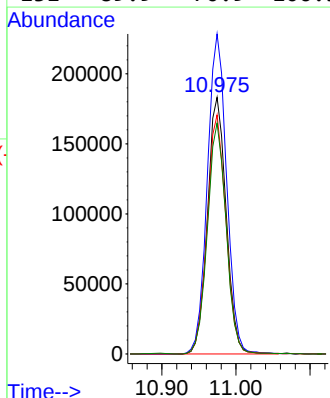
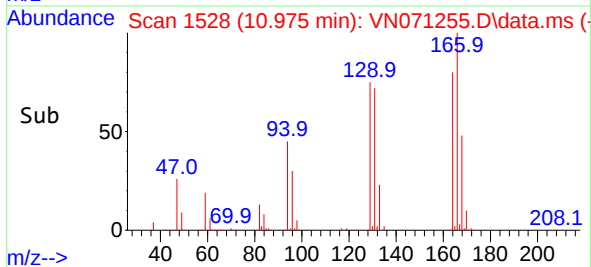
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

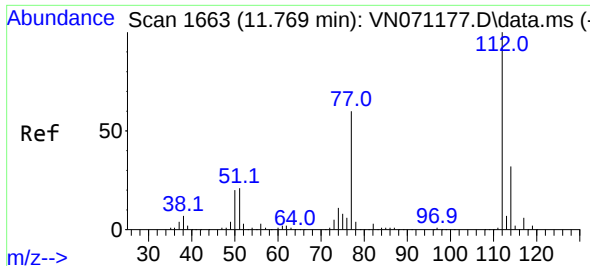


#64
Tetrachloroethene
Concen: 46.806 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



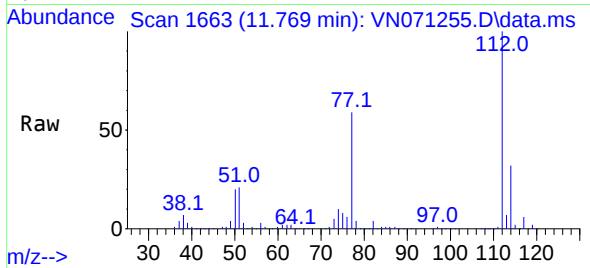
Tgt Ion:164 Resp: 322960
Ion Ratio Lower Upper
164 100
166 124.7 101.9 152.9
129 93.1 72.0 108.0
131 89.9 70.9 106.3





#65
Chlorobenzene
Concen: 48.326 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

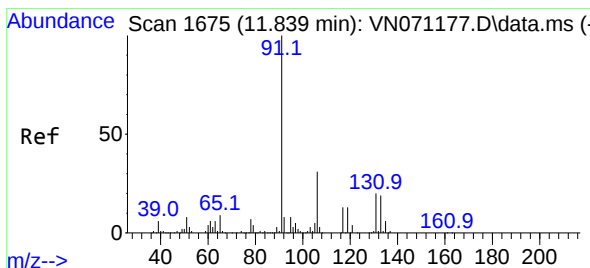
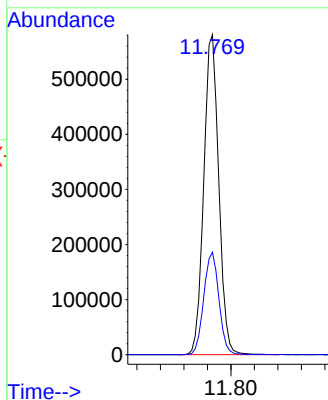
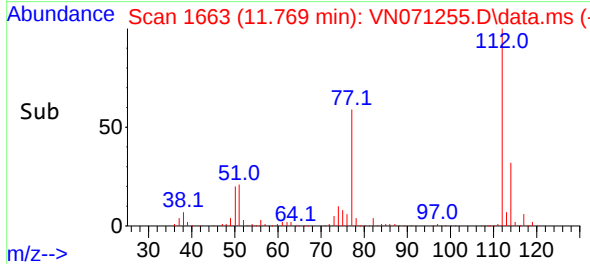
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



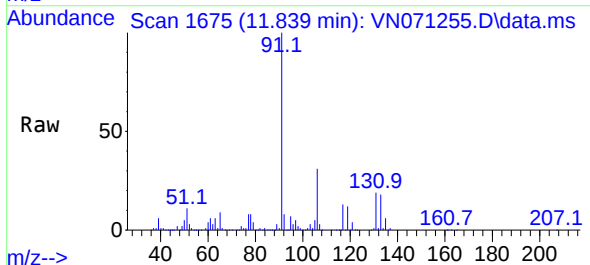
Tgt Ion:112 Resp: 1026762
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

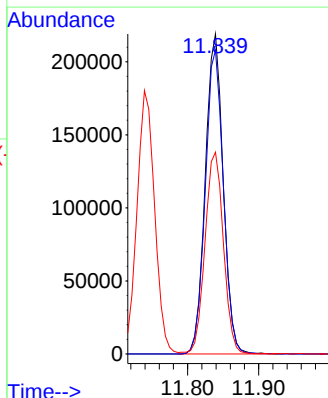
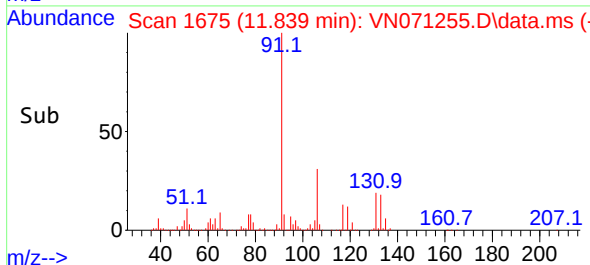
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

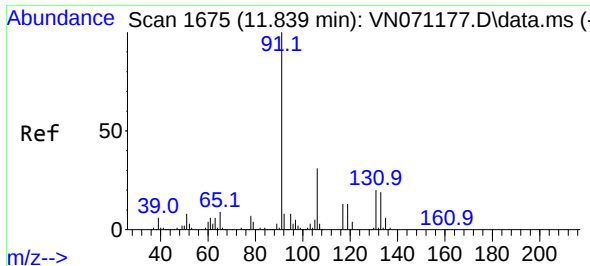


#66
1,1,1,2-Tetrachloroethane
Concen: 49.196 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



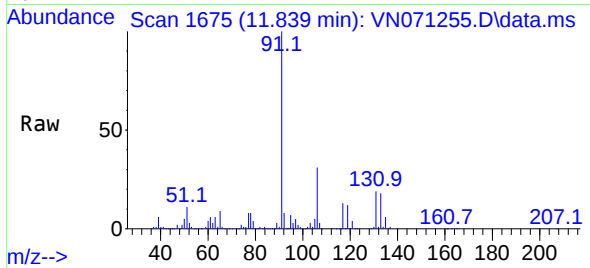
Tgt Ion:131 Resp: 383264
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 50.093 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

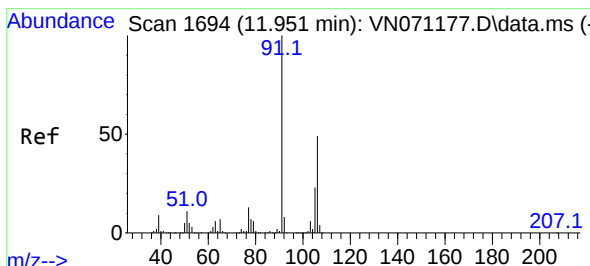
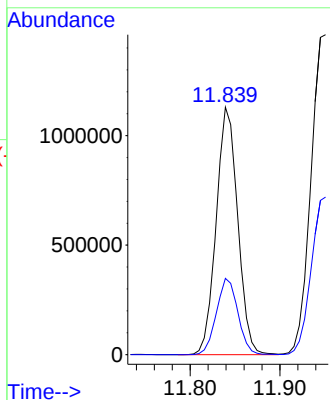
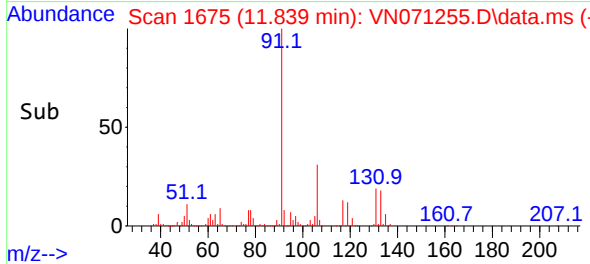
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



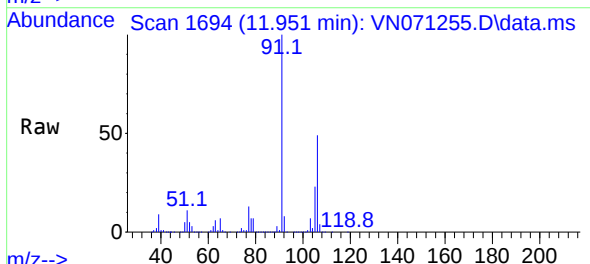
Tgt Ion: 91 Resp: 188183
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

Manual Integrations
APPROVED

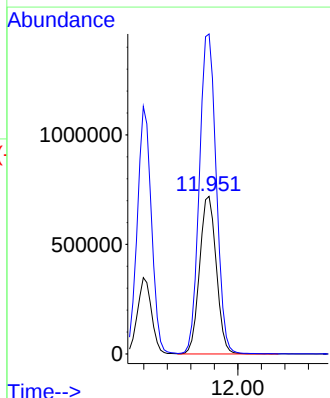
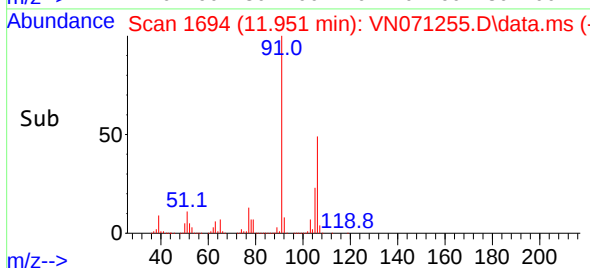
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

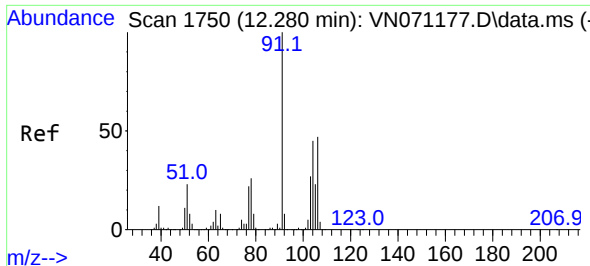


#68
m/p-Xylenes
Concen: 102.960 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



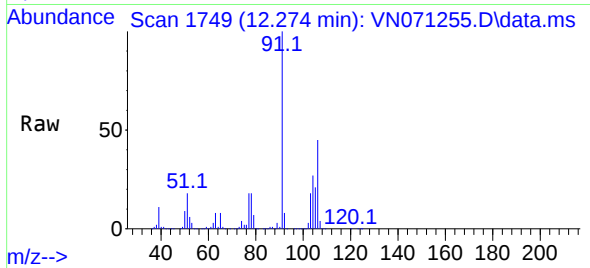
Tgt Ion:106 Resp: 1414967
Ion Ratio Lower Upper
106 100
91 204.9 160.6 240.8





#69
o-Xylene
Concen: 51.593 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

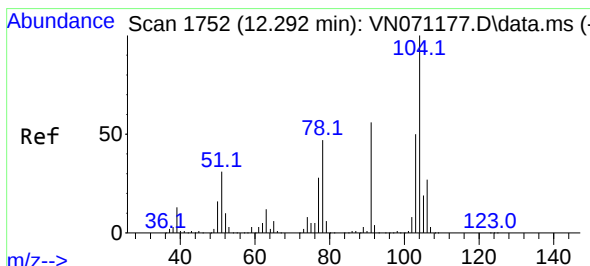
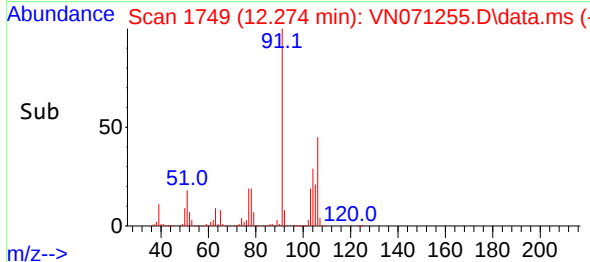
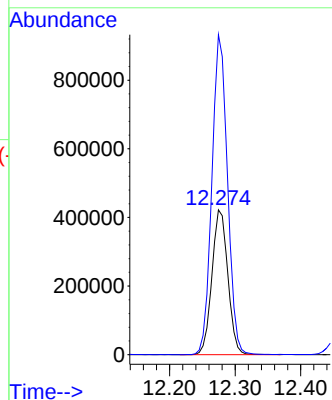
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 710730
Ion Ratio Lower Upper
106 100
91 216.7 105.8 317.3

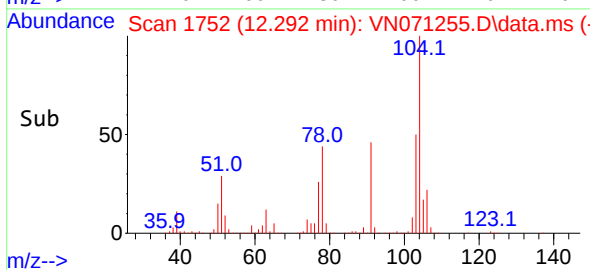
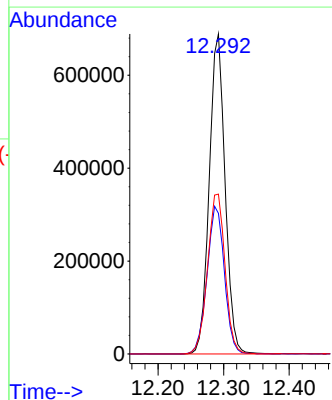
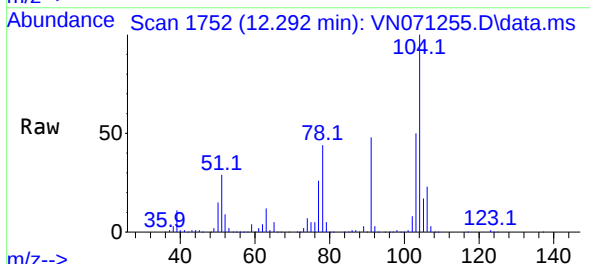
Manual Integrations
APPROVED

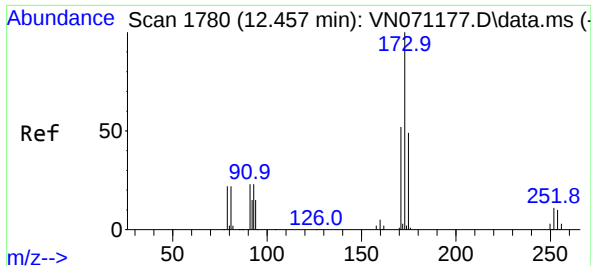
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#70
Styrene
Concen: 54.299 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

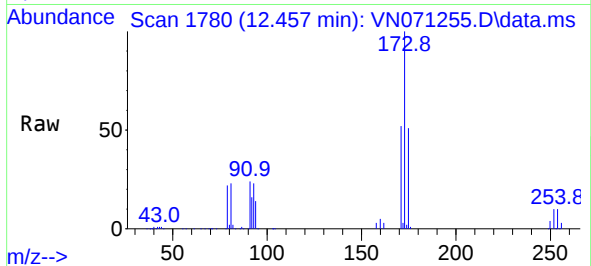
Tgt Ion:104 Resp: 1157880
Ion Ratio Lower Upper
104 100
78 50.6 38.7 58.1
103 55.3 45.0 67.6





#71
Bromoform
Concen: 52.739 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

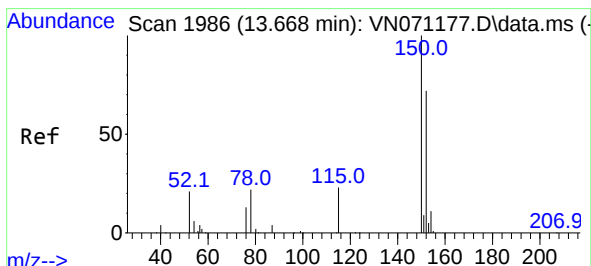
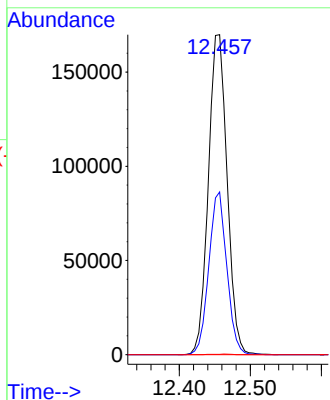
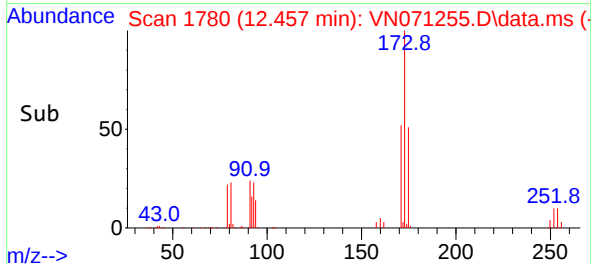
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



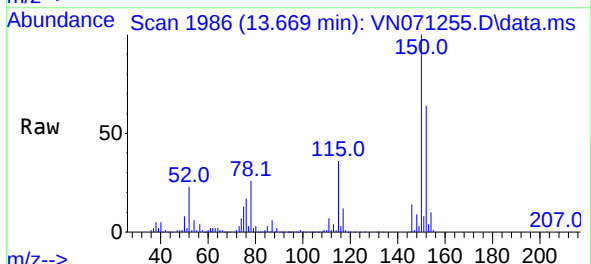
Tgt Ion:173 Resp: 31202
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.2 0.0 0.0

Manual Integrations
APPROVED

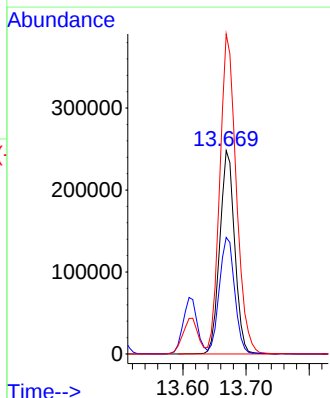
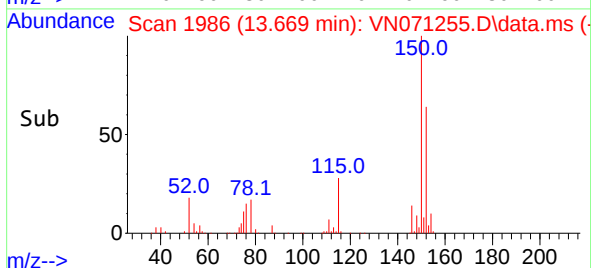
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

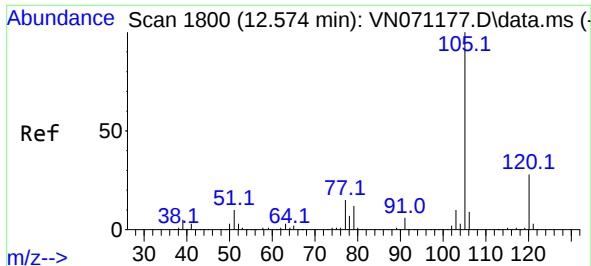


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



Tgt Ion:152 Resp: 406553
Ion Ratio Lower Upper
152 100
115 59.1 27.5 82.5
150 174.2 0.0 344.4





#73
Isopropylbenzene
Concen: 46.518 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

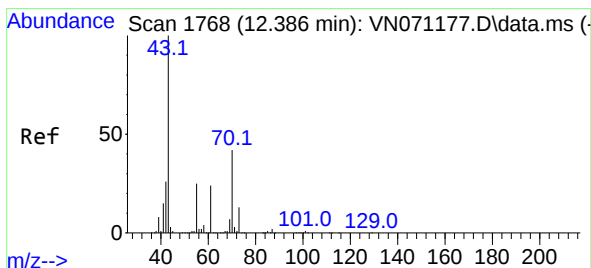
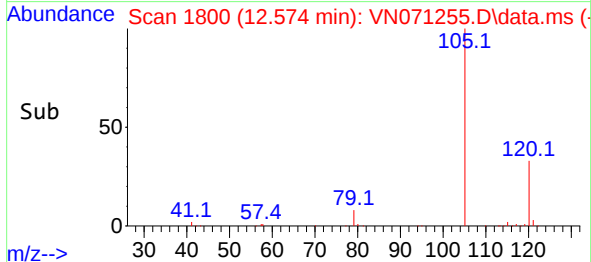
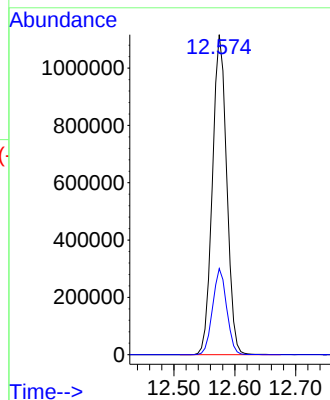
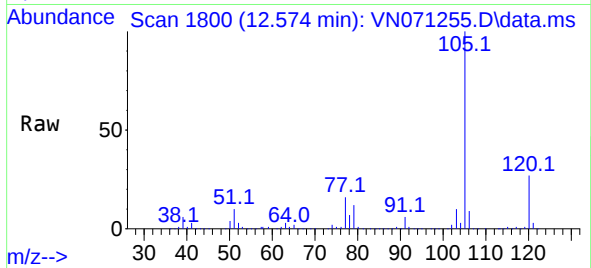
VSTDCCC050EC

Tgt Ion:105 Resp: 1823094
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

Manual Integrations

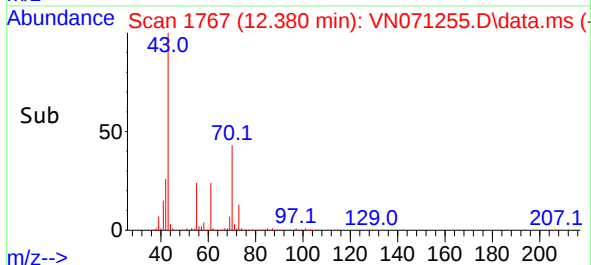
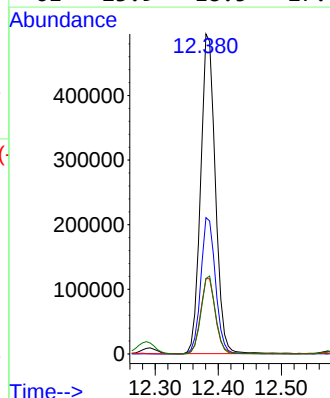
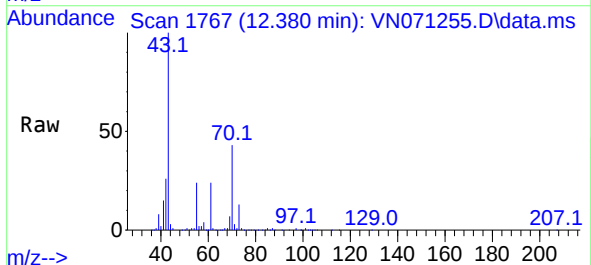
APPROVED

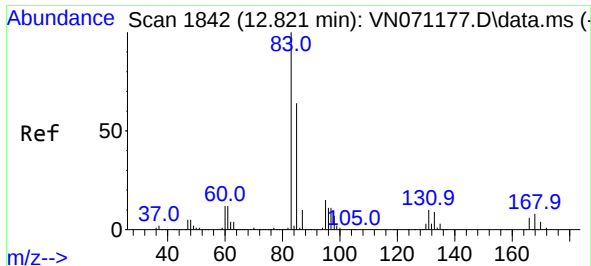
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#74
N-ethyl acetate
Concen: 54.115 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

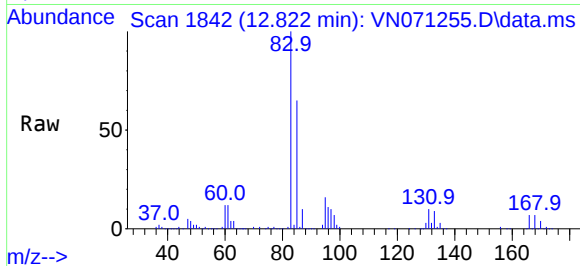
Tgt Ion: 43 Resp: 797422
Ion Ratio Lower Upper
43 100
70 42.8 33.4 50.0
55 23.9 19.3 28.9
61 23.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.791 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

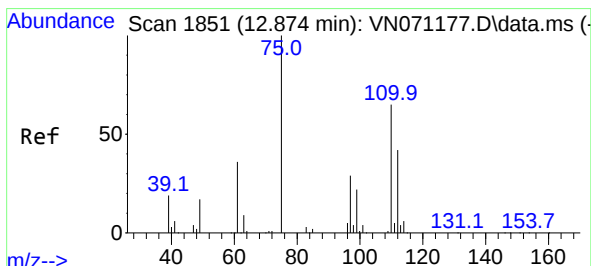
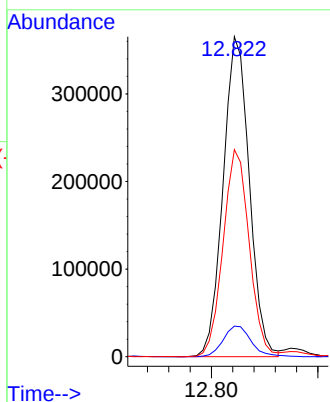
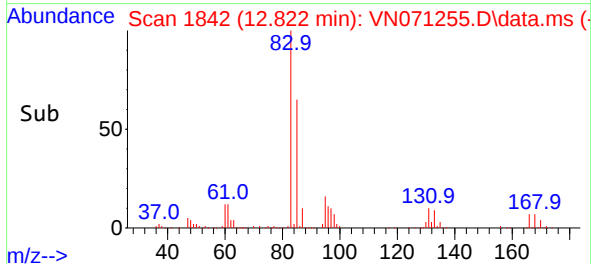
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



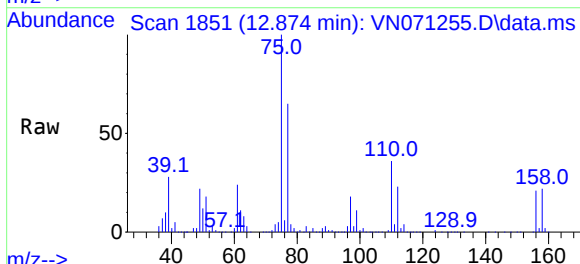
Tgt Ion: 83 Resp: 62420
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 64.5 32.4 97.2

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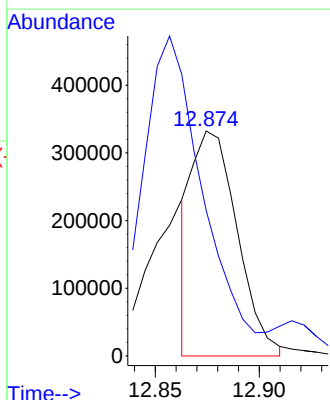
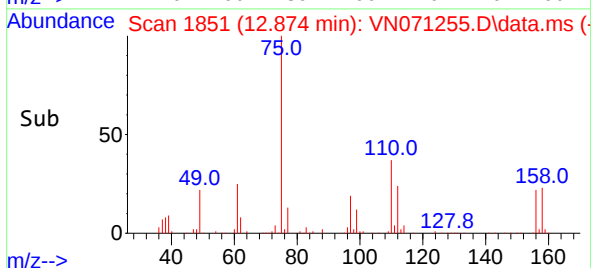
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

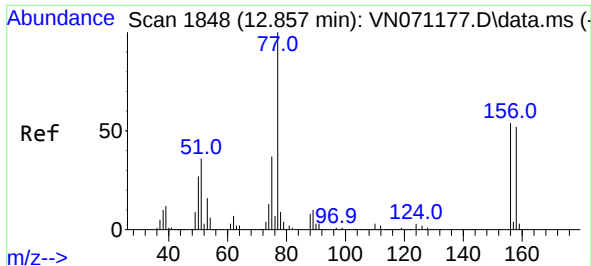


#76
1,2,3-Trichloropropane
Concen: 51.144 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



Tgt Ion: 75 Resp: 503317
Ion Ratio Lower Upper
75 100
77 192.3 82.6 247.8





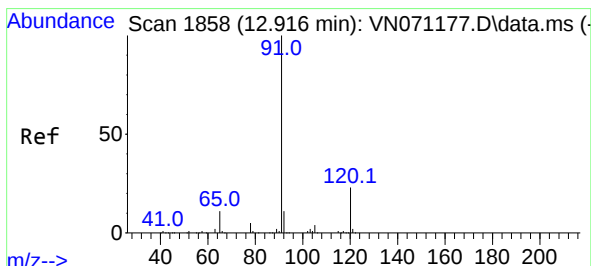
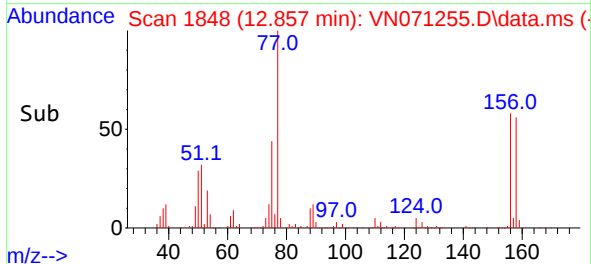
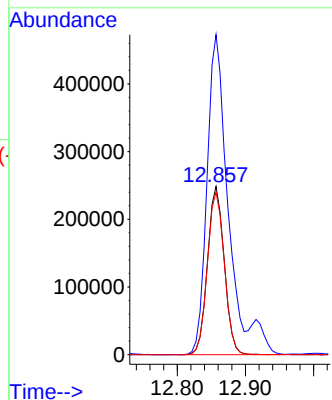
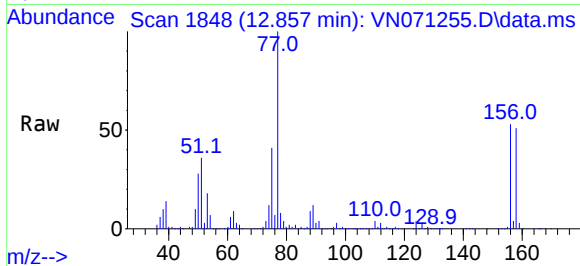
#77
Bromobenzene
Concen: 46.474 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 424712
Ion Ratio Lower Upper
156 100
77 227.9 90.6 271.8
158 97.9 48.9 146.7

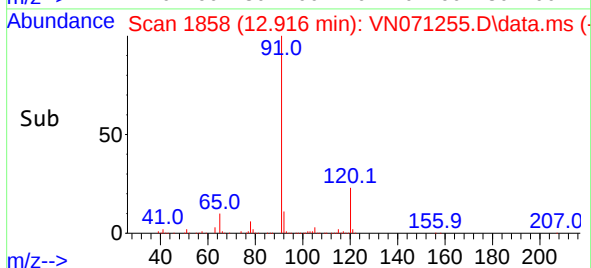
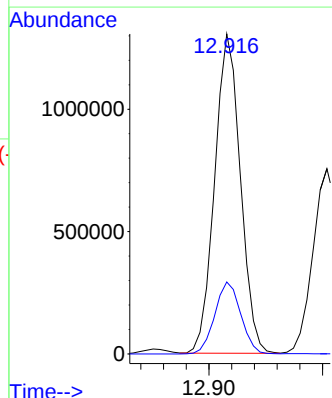
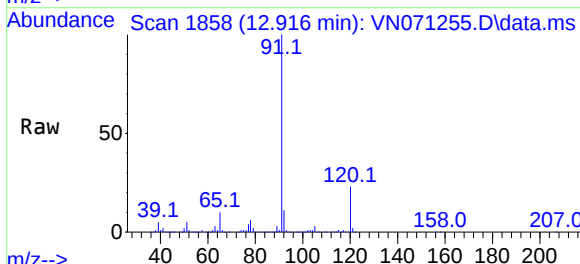
Manual Integrations
APPROVED

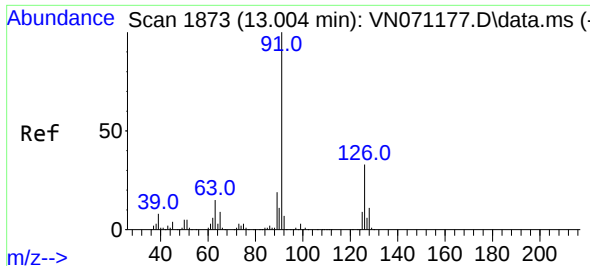
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#78
n-propylbenzene
Concen: 48.763 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

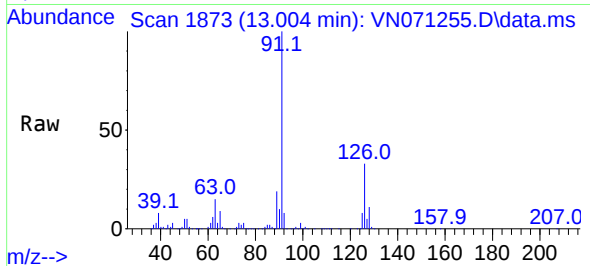
Tgt Ion: 91 Resp: 2050703
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





#79
2-Chlorotoluene
Concen: 46.345 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

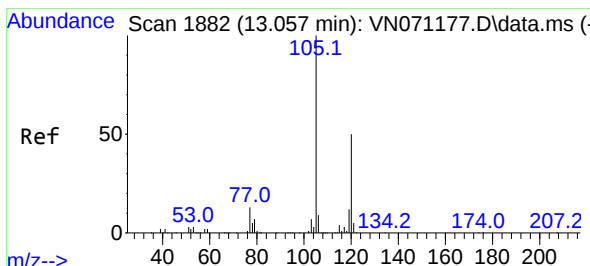
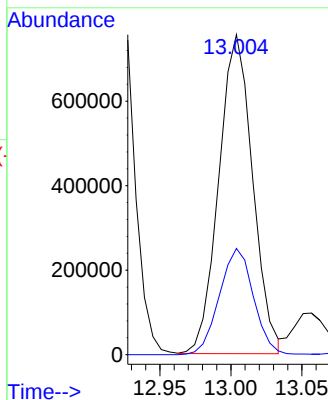
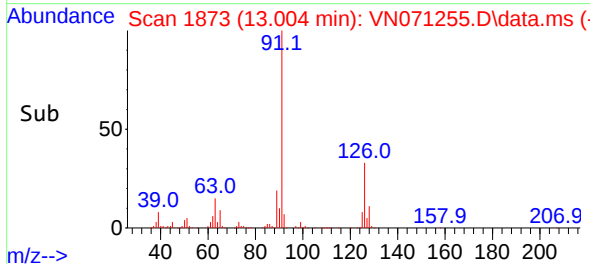
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



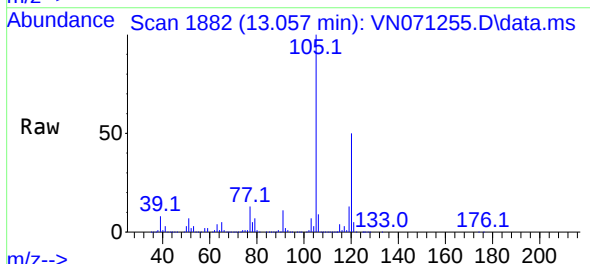
Tgt Ion: 91 Resp: 1251124
Ion Ratio Lower Upper
91 100
126 33.6 18.3 54.8

Manual Integrations
APPROVED

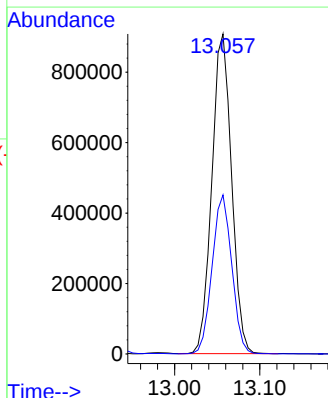
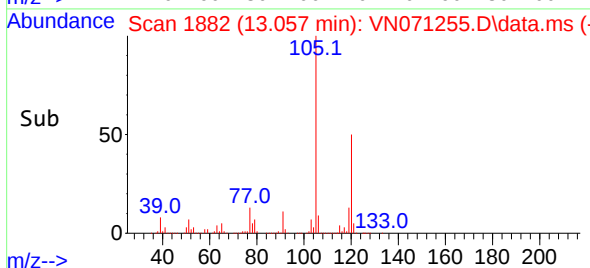
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

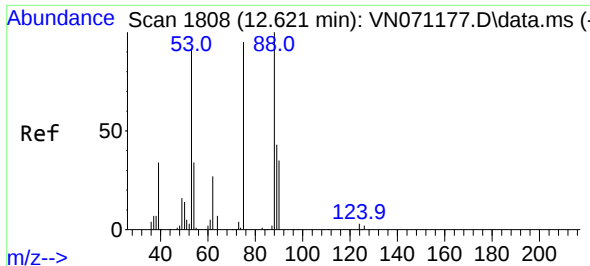


#80
1,3,5-Trimethylbenzene
Concen: 48.017 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



Tgt Ion:105 Resp: 1464082
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6





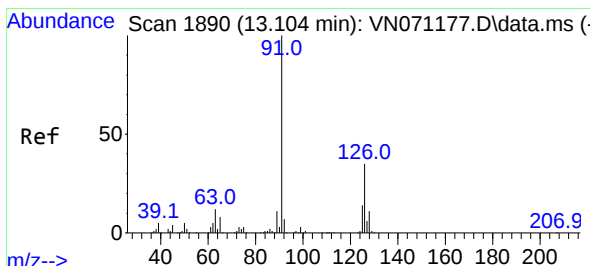
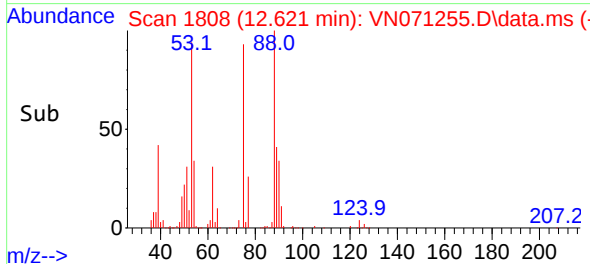
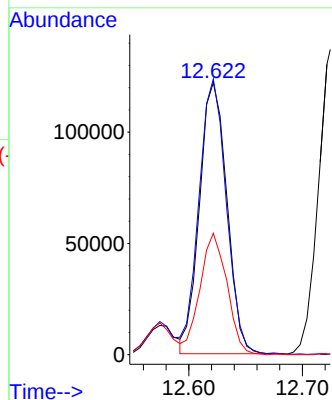
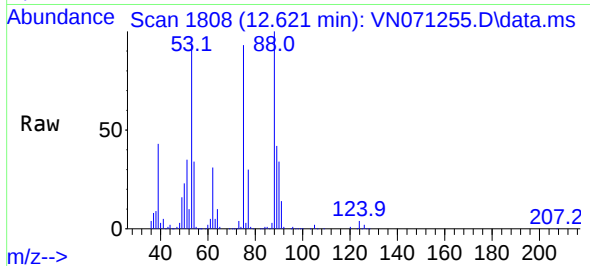
#81
trans-1,4-Dichloro-2-butene
Concen: 54.330 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 204330
Ion Ratio Lower Upper
75 100
53 102.9 90.5 135.7
89 44.4 38.2 57.4

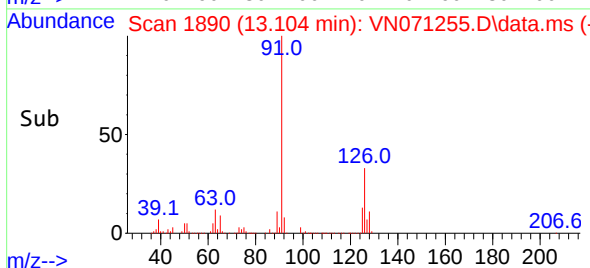
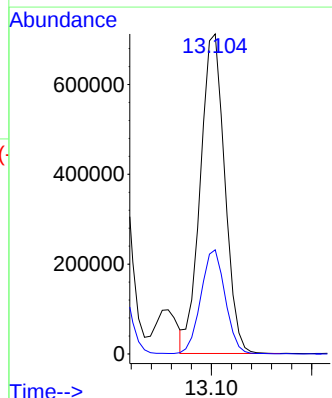
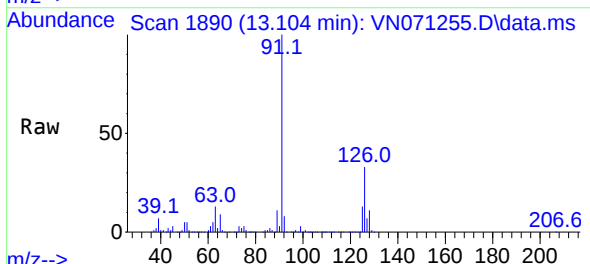
Manual Integrations
APPROVED

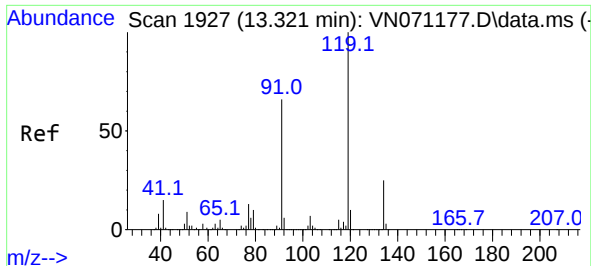
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#82
4-Chlorotoluene
Concen: 50.103 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

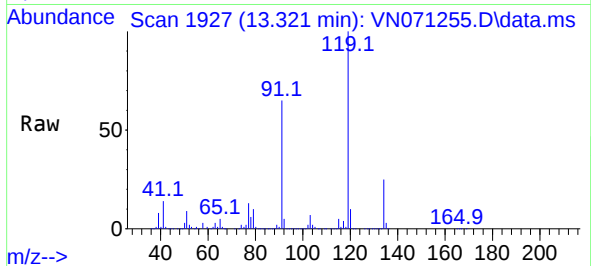
Tgt Ion: 91 Resp: 1204774
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.053 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

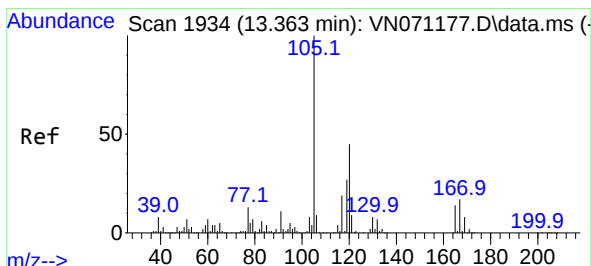
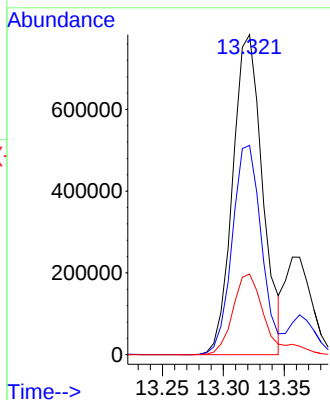
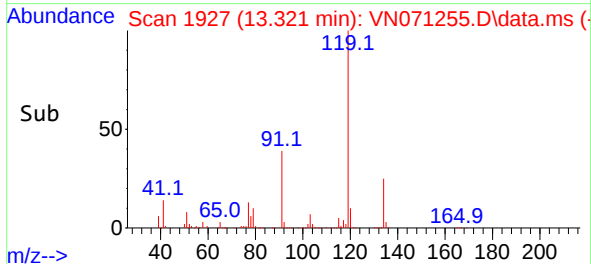
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



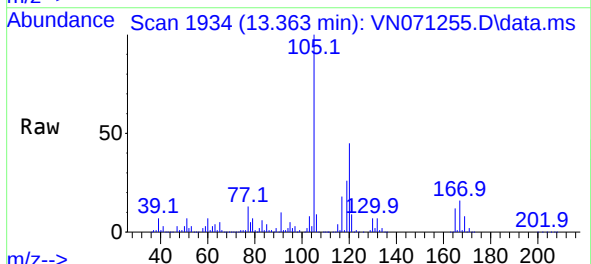
Tgt Ion:119 Resp: 1334778
Ion Ratio Lower Upper
119 100
91 63.9 31.5 94.5
134 27.3 12.4 37.4

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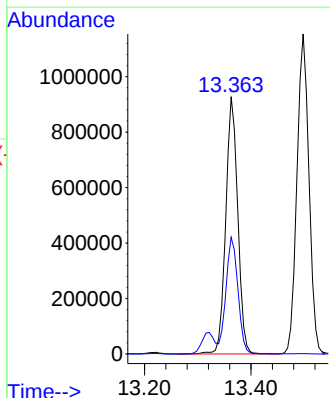
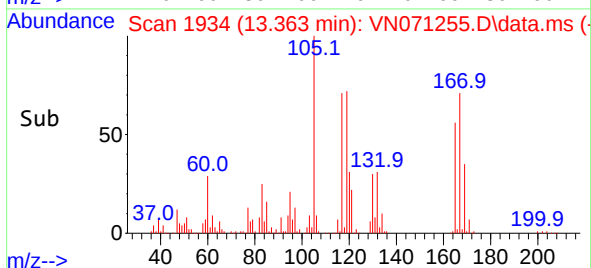
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

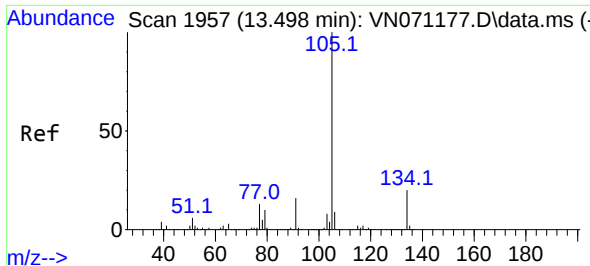


#84
1,2,4-Trimethylbenzene
Concen: 49.732 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



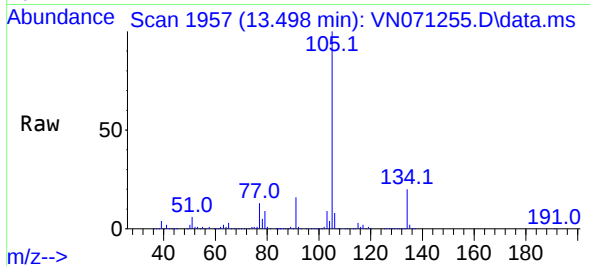
Tgt Ion:105 Resp: 1452423
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 49.909 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071255.D
 Acq: 11 Mar 2022 18:11

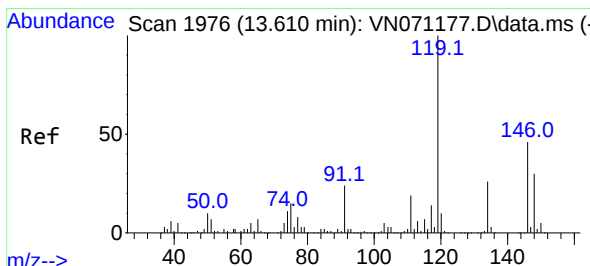
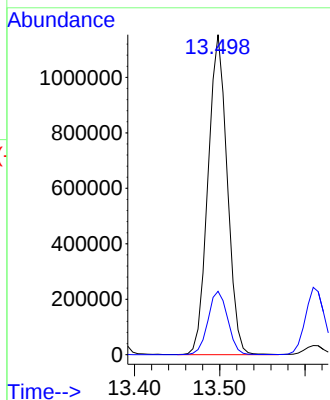
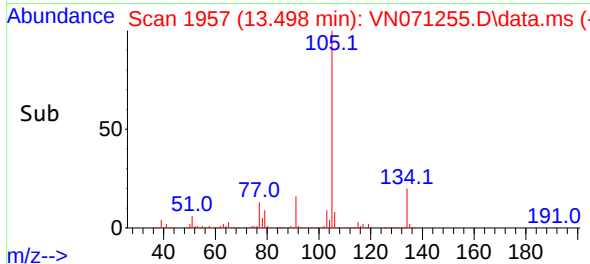
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



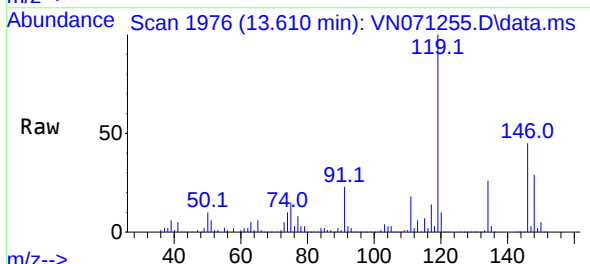
Tgt Ion:105 Resp: 180508
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

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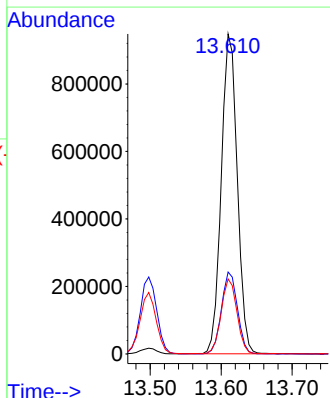
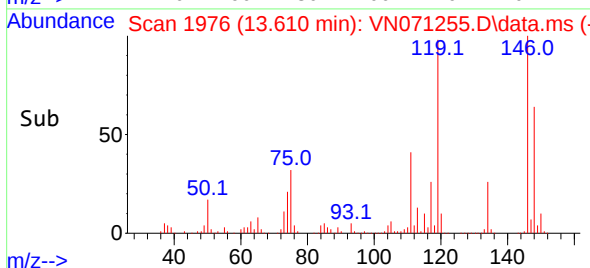
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022

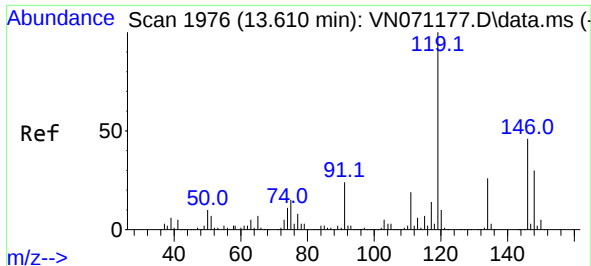


#86
 p-Isopropyltoluene
 Concen: 51.876 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071255.D
 Acq: 11 Mar 2022 18:11



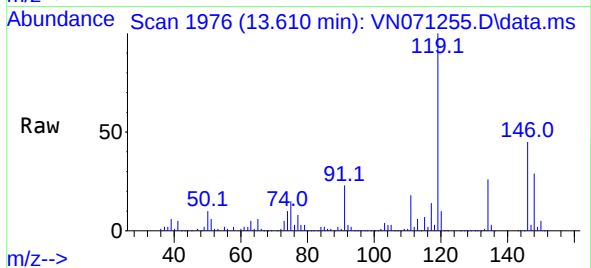
Tgt Ion:119 Resp: 1475527
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 23.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 47.860 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

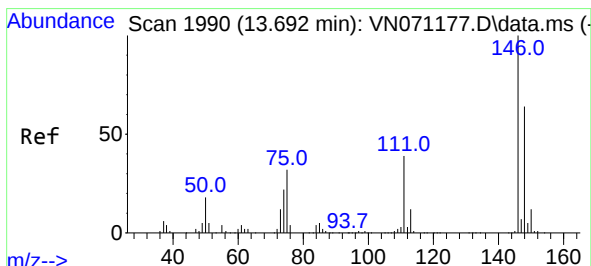
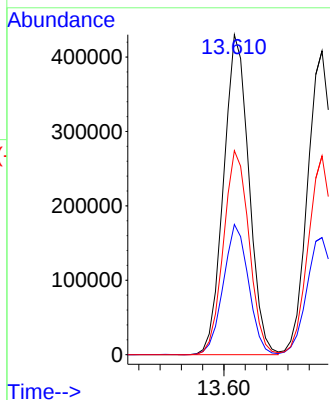
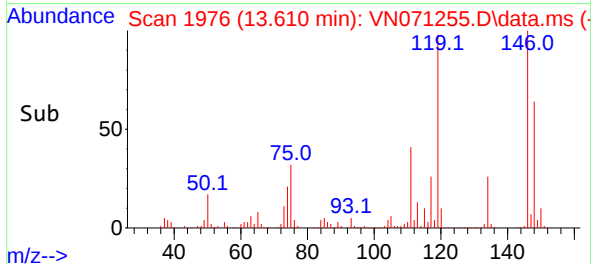
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



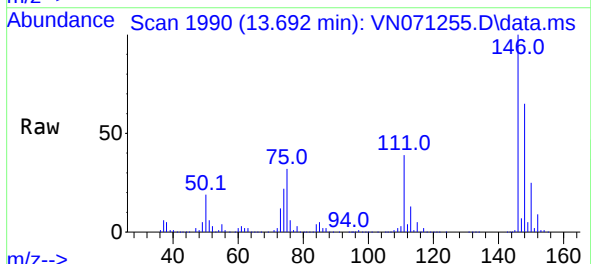
Tgt Ion:146 Resp: 710679
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 64.4 31.6 95.0

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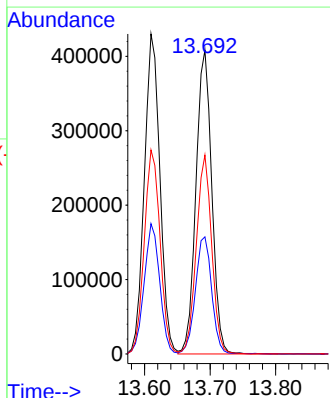
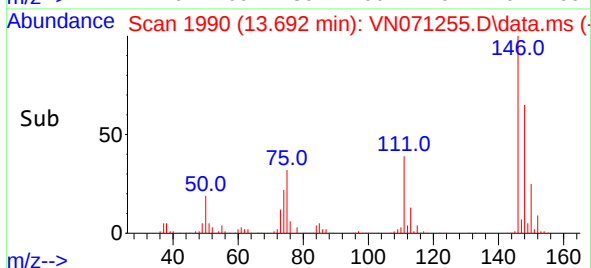
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

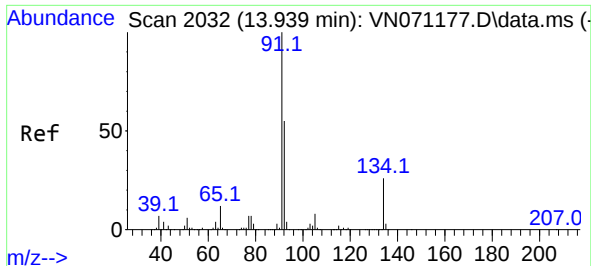


#88
1,4-Dichlorobenzene
Concen: 47.318 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



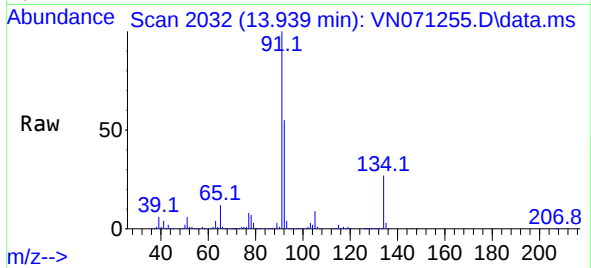
Tgt Ion:146 Resp: 686815
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 51.349 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

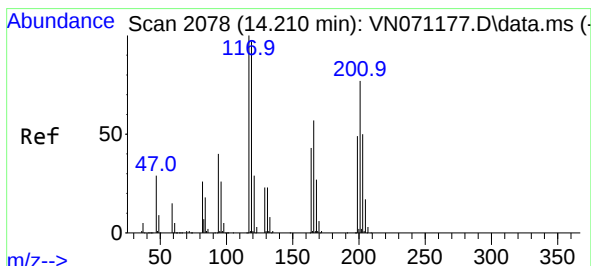
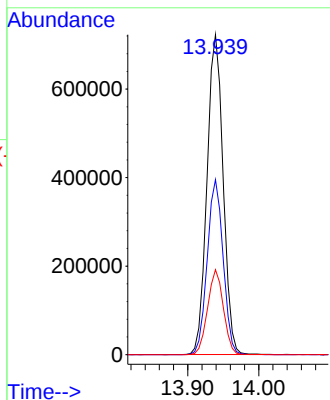
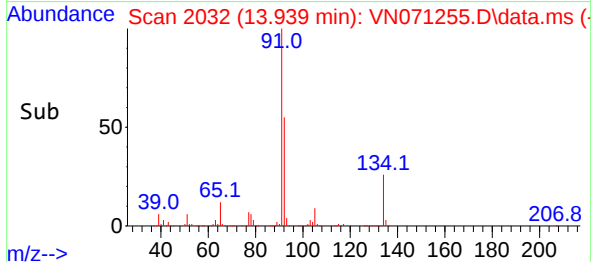
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1142350
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 26.0 13.6 40.8

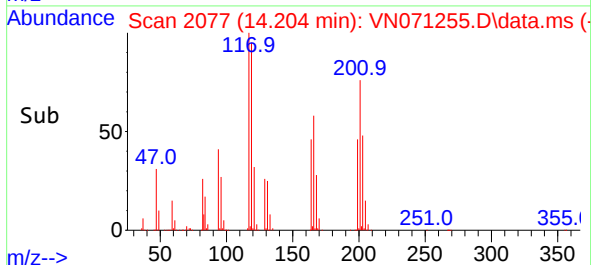
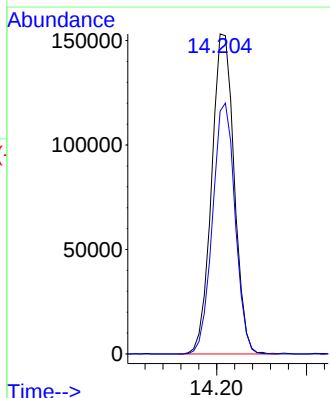
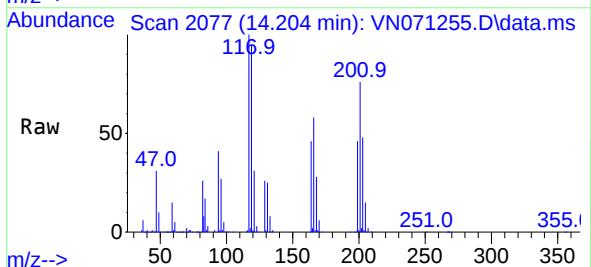
Manual Integrations
APPROVED

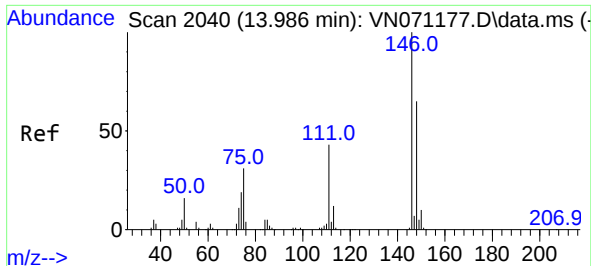
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#90
Hexachloroethane
Concen: 47.318 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Tgt Ion:117 Resp: 267650
Ion Ratio Lower Upper
117 100
201 78.1 43.9 131.6





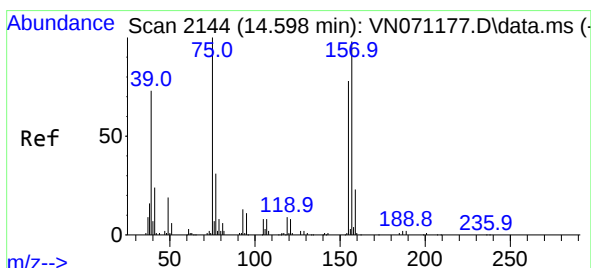
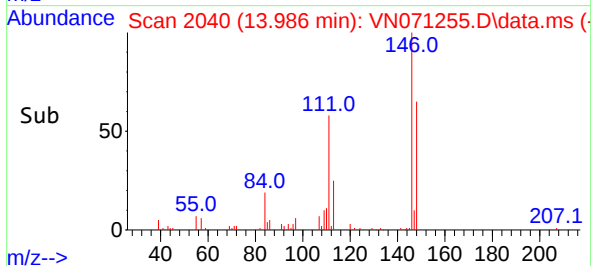
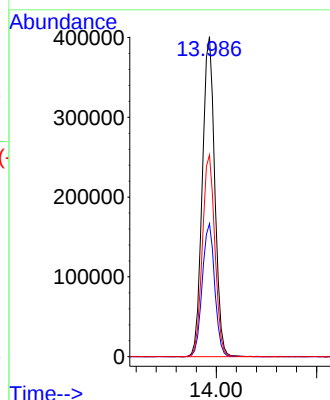
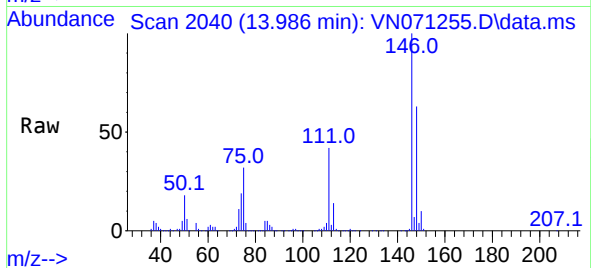
#91
1,2-Dichlorobenzene
Concen: 48.303 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 68956
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 63.5 32.1 96.3

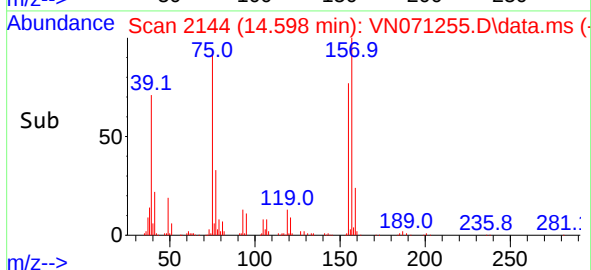
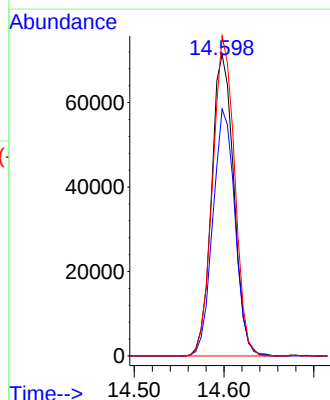
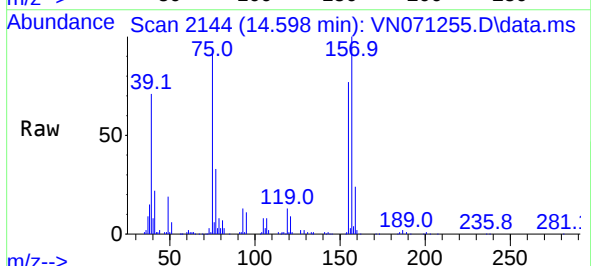
Manual Integrations
APPROVED

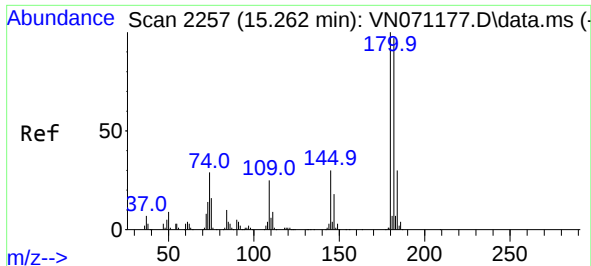
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.918 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

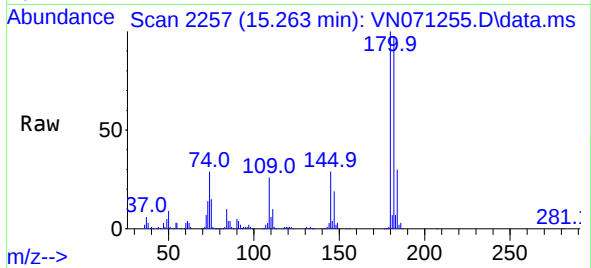
Tgt Ion: 75 Resp: 122948
Ion Ratio Lower Upper
75 100
155 81.4 46.9 140.7
157 104.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 50.019 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

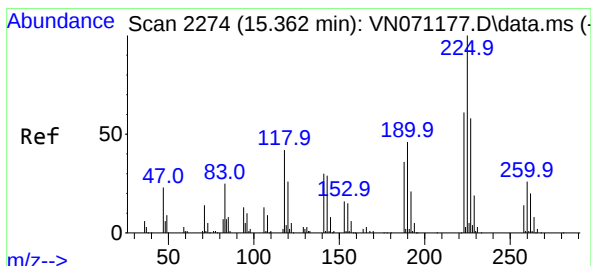
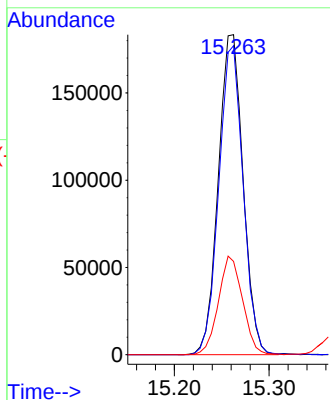
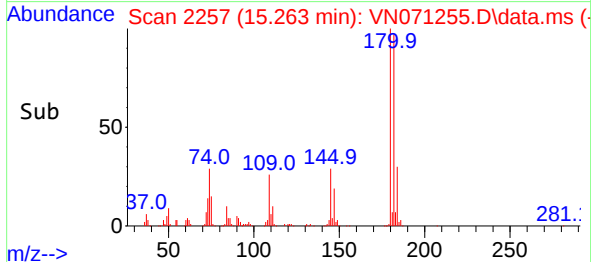
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



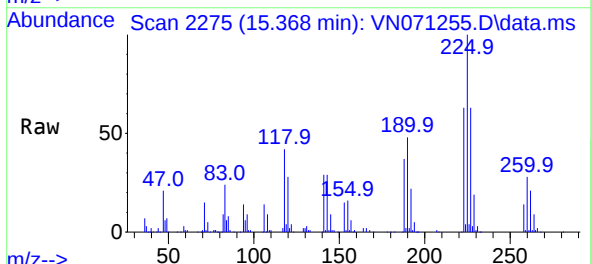
Tgt Ion:180 Resp: 333272
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 30.0 14.5 43.5

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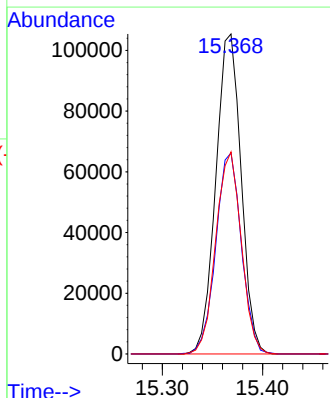
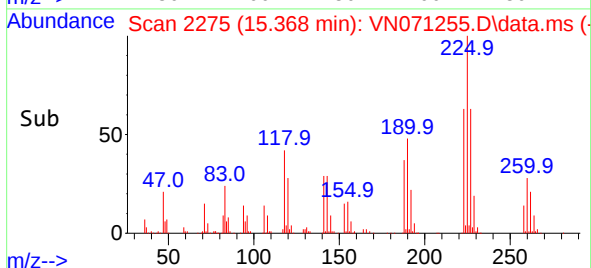
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

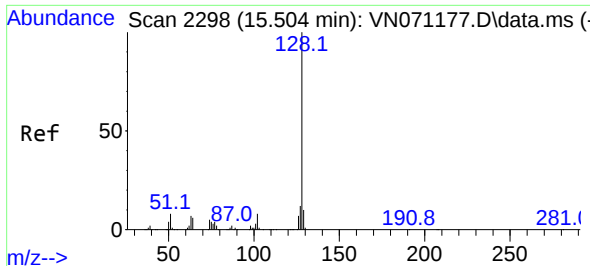


#94
Hexachlorobutadiene
Concen: 46.100 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



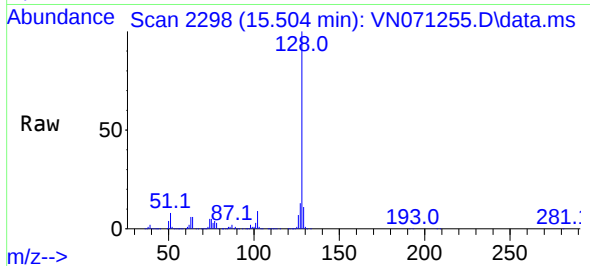
Tgt Ion:225 Resp: 184753
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 63.5 32.1 96.3





#95
Naphthalene
Concen: 58.124 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11

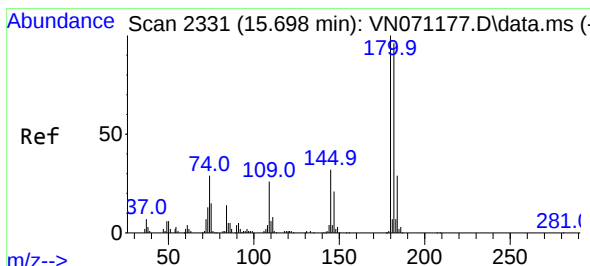
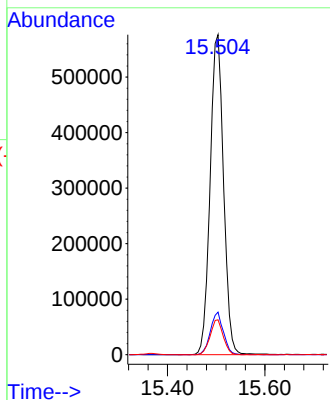
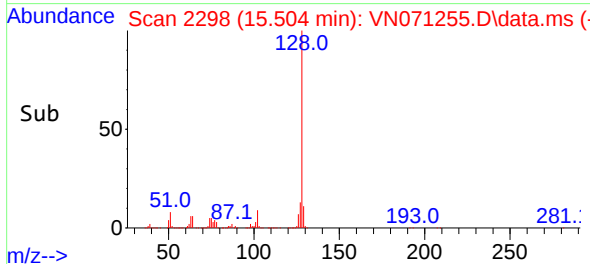
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



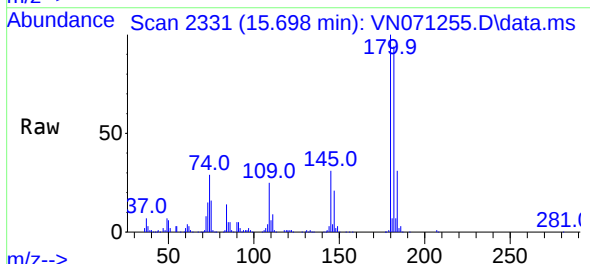
Tgt Ion:128 Resp: 1100349
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 52.358 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071255.D
Acq: 11 Mar 2022 18:11



Tgt Ion:180 Resp: 335063
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.2
145 31.5 15.0 45.1

