

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072068.D
 Acq On : 20 Apr 2022 10:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 15:33:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	527452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	791566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	725982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	321587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	264391	43.908	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.820%		
35) Dibromofluoromethane	8.016	113	238307	51.162	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.320%		
50) Toluene-d8	10.439	98	917781	48.166	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.340%		
62) 4-Bromofluorobenzene	12.727	95	319583	51.859	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	280652	66.929	ug/l	98
3) Chloromethane	2.299	50	295755	55.660	ug/l	100
4) Vinyl Chloride	2.440	62	295229	50.594	ug/l	99
5) Bromomethane	2.834	94	188724	49.752	ug/l	96
6) Chloroethane	3.004	64	195848	46.654	ug/l	96
7) Trichlorofluoromethane	3.369	101	421774	56.812	ug/l	100
8) Diethyl Ether	3.822	74	178819	56.994	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	265236	57.975	ug/l	98
10) Methyl Iodide	4.422	142	359365	56.192	ug/l	100
11) Tert butyl alcohol	5.363	59	233248	238.693	ug/l	98
12) 1,1-Dichloroethene	4.181	96	251340	57.731	ug/l	93
13) Acrolein	4.034	56	216673	181.851	ug/l	100
14) Allyl chloride	4.840	41	376178	53.236	ug/l	94
15) Acrylonitrile	5.545	53	781848	275.264	ug/l	98
16) Acetone	4.281	43	643358	250.007	ug/l	93
17) Carbon Disulfide	4.528	76	603648	60.431	ug/l	99
18) Methyl Acetate	4.845	43	336311	52.862	ug/l	99
19) Methyl tert-butyl Ether	5.604	73	888903	54.959	ug/l	99
20) Methylene Chloride	5.092	84	297124	54.779	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	269676	56.426	ug/l	95
22) Diisopropyl ether	6.487	45	826291	53.714	ug/l	99
23) Vinyl Acetate	6.428	43	3482476	284.677	ug/l	99
24) 1,1-Dichloroethane	6.381	63	498183	55.165	ug/l	98
25) 2-Butanone	7.328	43	973438	262.395	ug/l	97
26) 2,2-Dichloropropane	7.322	77	421381	54.316	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	331142	56.502	ug/l	97
28) Bromochloromethane	7.651	49	161706	44.389	ug/l	95
29) Tetrahydrofuran	7.675	42	624714	260.064	ug/l	95
30) Chloroform	7.810	83	518153	54.338	ug/l	99
31) Cyclohexane	8.086	56	454358	55.485	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	442617	54.258	ug/l	98
36) 1,1-Dichloropropene	8.216	75	381797	58.697	ug/l	99
37) Ethyl Acetate	7.404	43	393693	55.298	ug/l	97
38) Carbon Tetrachloride	8.198	117	374203	58.700	ug/l	99
39) Methylcyclohexane	9.457	83	488707	63.117	ug/l	99
40) Benzene	8.457	78	1201737	58.485	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	213413	61.220	ug/l	90
42) 1,2-Dichloroethane	8.528	62	380773	53.570	ug/l	98
43) Isopropyl Acetate	8.557	43	620270	52.379	ug/l	98
44) Trichloroethene	9.210	130	312281	58.991	ug/l	98
45) 1,2-Dichloropropane	9.486	63	294240	57.321	ug/l	99
46) Dibromomethane	9.569	93	199710	57.301	ug/l	97
47) Bromodichloromethane	9.757	83	398896	58.143	ug/l	97
48) Methyl methacrylate	9.551	41	283378	57.679	ug/l	93
49) 1,4-Dioxane	9.563	88	106934	916.299	ug/l	99
51) 4-Methyl-2-Pentanone	10.322	43	1914783	281.237	ug/l	96
52) Toluene	10.498	92	779730	60.031	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	434312	60.402	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	484019	60.923	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	307447	57.513	ug/l	98
56) Ethyl methacrylate	10.757	69	472555	61.967	ug/l	92
57) 1,3-Dichloropropane	11.039	76	513073	57.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	706820	297.597	ug/l	100
59) 2-Hexanone	11.080	43	1383916	288.707	ug/l	95
60) Dibromochloromethane	11.233	129	320033	61.399	ug/l	99
61) 1,2-Dibromoethane	11.339	107	311372	59.173	ug/l	99
64) Tetrachloroethene	10.969	164	276523	57.682	ug/l	97
65) Chlorobenzene	11.763	112	824877	56.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	298818	56.966	ug/l	100
67) Ethyl Benzene	11.839	91	1454879	59.120	ug/l	99
68) m/p-Xylenes	11.951	106	1154117	122.061	ug/l	100
69) o-Xylene	12.274	106	570538	60.793	ug/l	97
70) Styrene	12.286	104	927016	65.193	ug/l	98
71) Bromoform	12.451	173	249688	62.506	ug/l #	99
73) Isopropylbenzene	12.574	105	1453562	53.638	ug/l	100
74) N-amyl acetate	12.380	43	418575	53.909	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	456098	50.443	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	388754m	52.183	ug/l	
77) Bromobenzene	12.857	156	357775	52.665	ug/l	96
78) n-propylbenzene	12.915	91	1608524	56.428	ug/l	100
79) 2-Chlorotoluene	13.004	91	984521	53.854	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1188663	55.361	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	136496	56.779	ug/l	95
82) 4-Chlorotoluene	13.098	91	936968	55.294	ug/l	100
83) tert-Butylbenzene	13.315	119	1071300	54.583	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1175637	56.118	ug/l	100
85) sec-Butylbenzene	13.498	105	1439763	56.588	ug/l	100
86) p-Isopropyltoluene	13.610	119	1210540	59.672	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	604764	55.879	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	588685	55.754	ug/l	100
89) n-Butylbenzene	13.939	91	872337	57.977	ug/l	99
90) Hexachloroethane	14.204	117	203665	54.844	ug/l	94
91) 1,2-Dichlorobenzene	13.980	146	564265	53.107	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	72290	51.544	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	279564	54.430	ug/l	100
94) Hexachlorobutadiene	15.362	225	171017	54.574	ug/l	98
95) Naphthalene	15.498	128	757622	51.603	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	269022	54.056	ug/l	99

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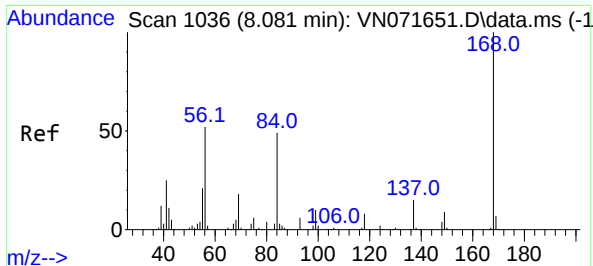
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

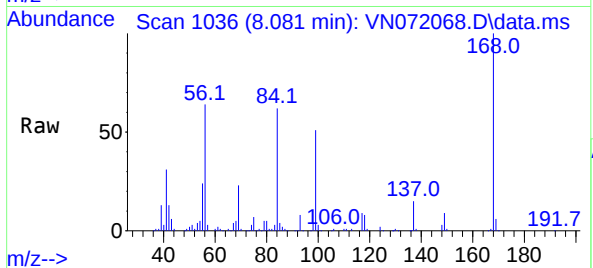
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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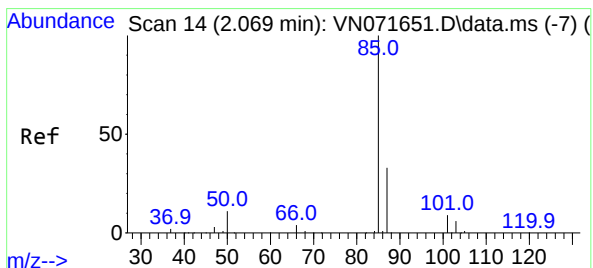
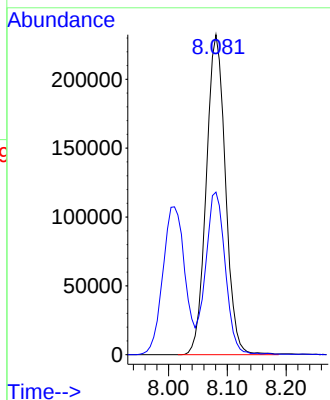
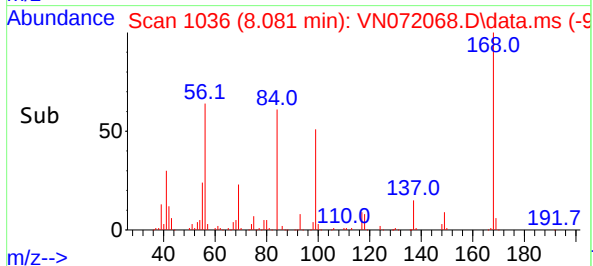
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 527452
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5

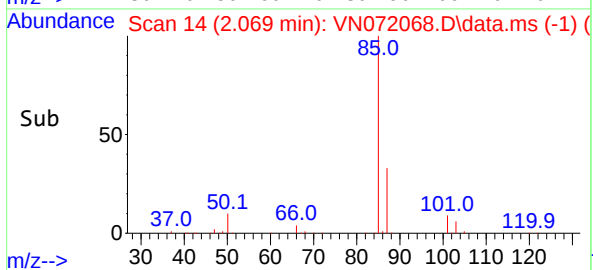
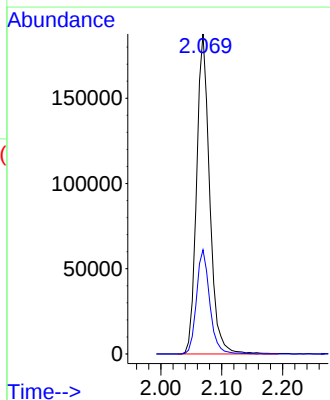
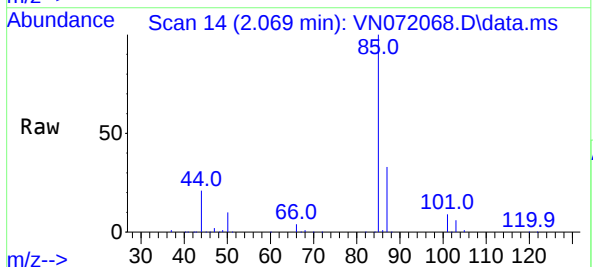
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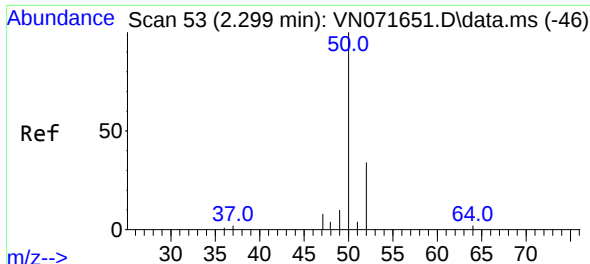
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



Dichlorodifluoromethane
Concen: 66.929 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

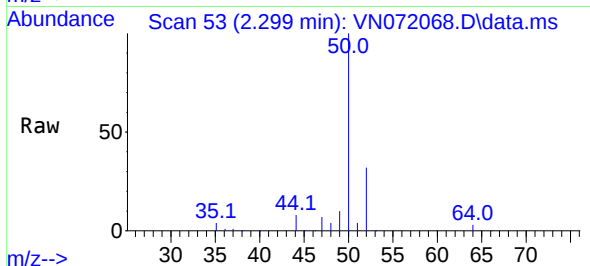
Tgt Ion: 85 Resp: 280652
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1





#3
Chloromethane
Concen: 55.660 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

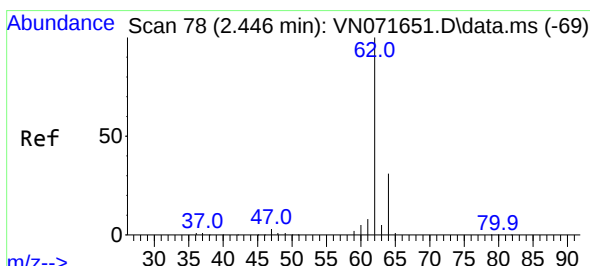
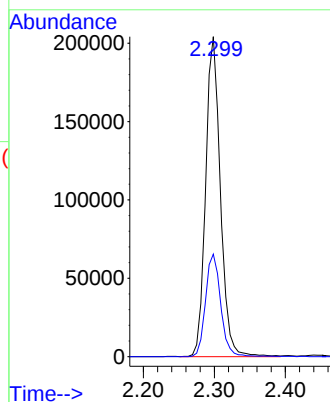
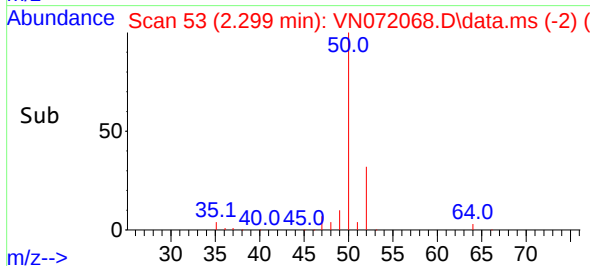
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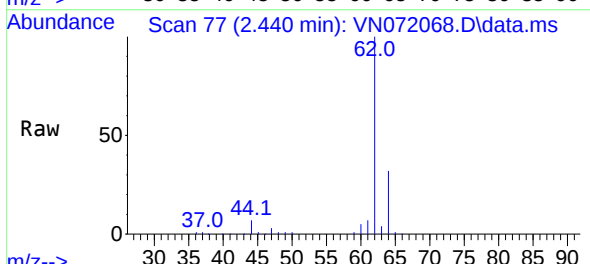
Tgt Ion: 50 Resp: 29575
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

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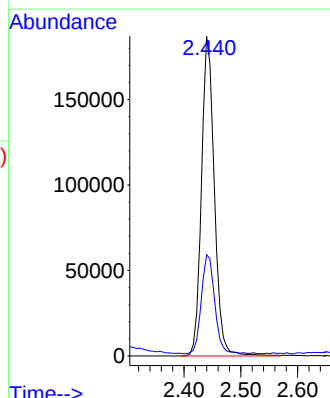
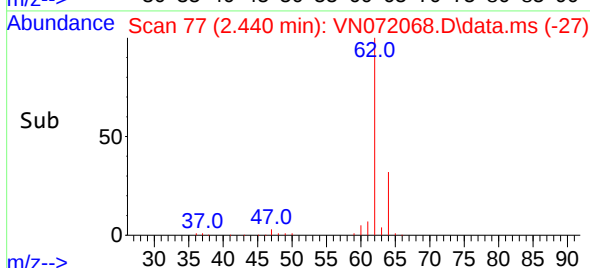
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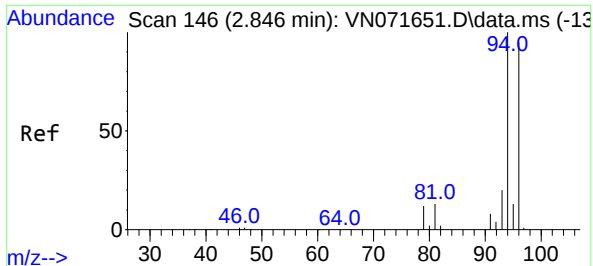


#4
Vinyl Chloride
Concen: 50.594 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



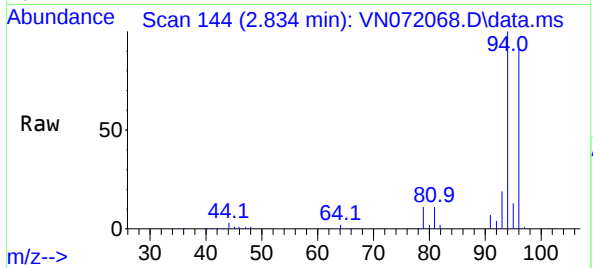
Tgt Ion: 62 Resp: 295229
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.4





#5
Bromomethane
Concen: 49.752 ug/l
RT: 2.834 min Scan# 146
Delta R.T. -0.012 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

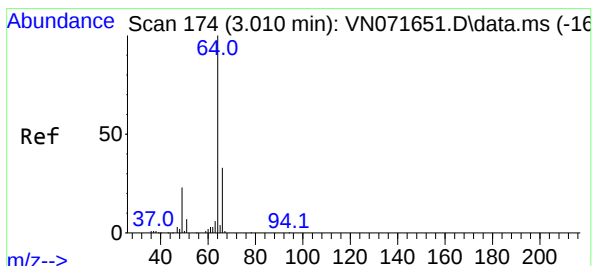
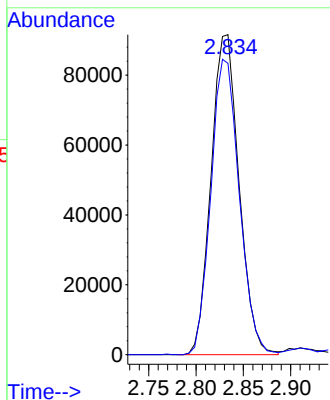
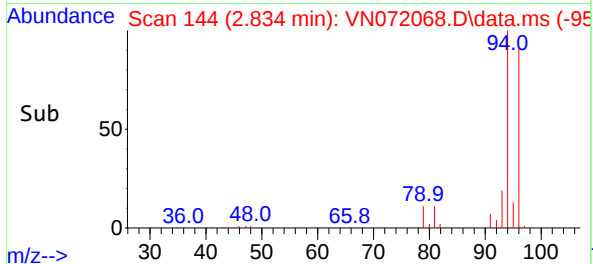
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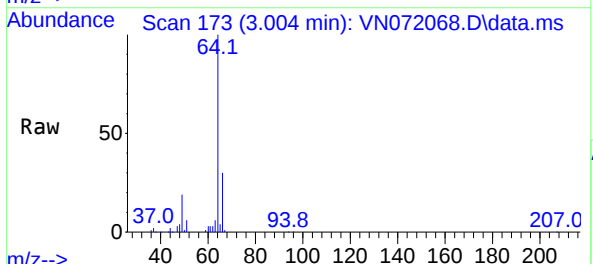
Tgt Ion: 94 Resp: 188724
Ion Ratio Lower Upper
94 100
96 91.0 76.0 114.0

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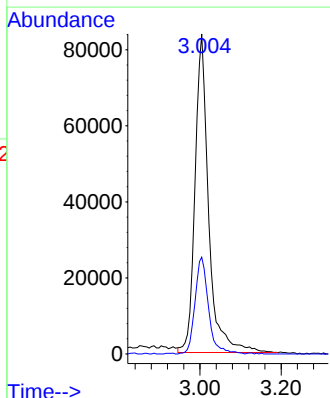
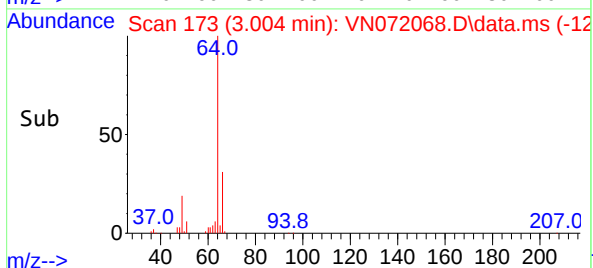
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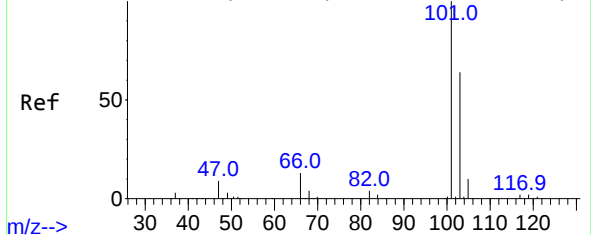
#6
Chloroethane
Concen: 46.654 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



Tgt Ion: 64 Resp: 195848
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 56.812 ug/l

RT: 3.369 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072068.D

Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 421774

Ion Ratio Lower Upper

101 100

103 64.6 51.5 77.3

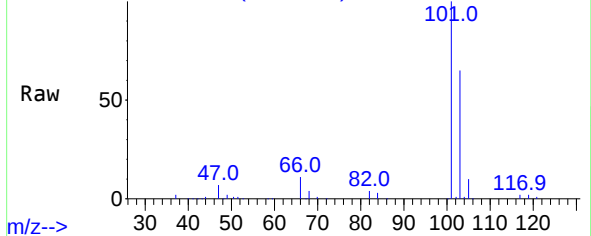
Manual Integrations

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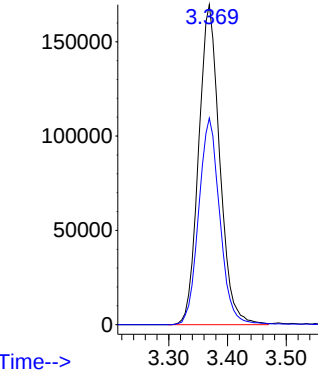
Reviewed By :John Carlone 04/21/2022

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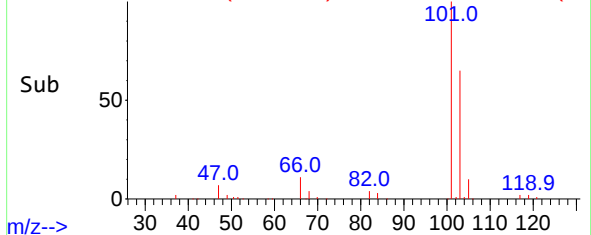
Abundance Scan 235 (3.369 min): VN072068.D\data.ms



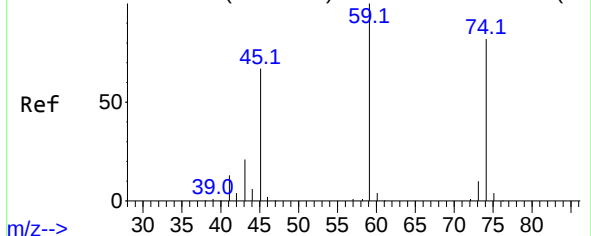
Abundance



Abundance Scan 235 (3.369 min): VN072068.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 56.994 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN072068.D

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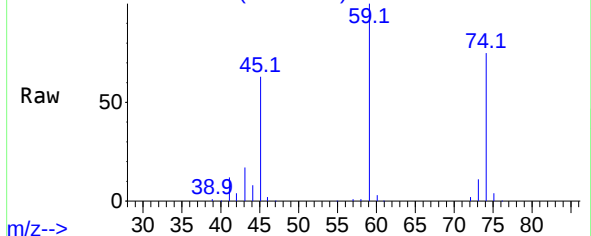
Tgt Ion: 74 Resp: 178819

Ion Ratio Lower Upper

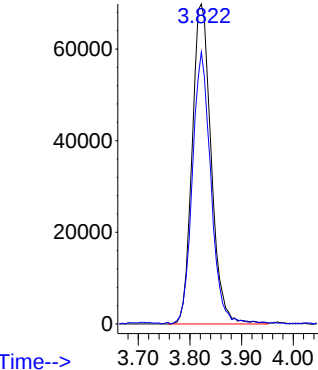
74 100

45 82.2 42.9 128.5

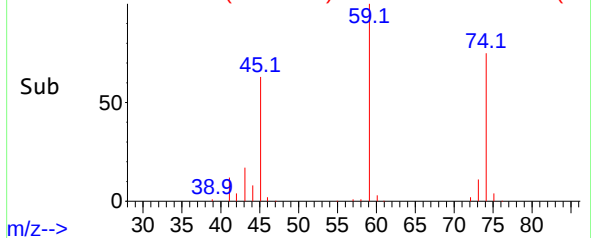
Abundance Scan 312 (3.822 min): VN072068.D\data.ms



Abundance



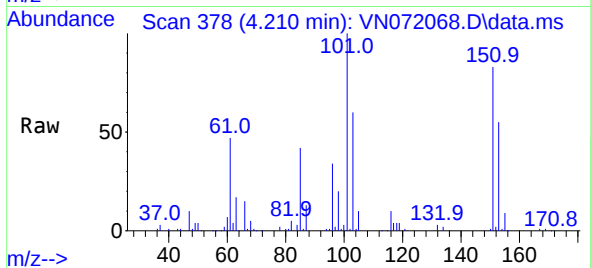
Abundance Scan 312 (3.822 min): VN072068.D\data.ms (-26





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.975 ug/l
RT: 4.210 min Scan# 379
Delta R.T. -0.006 min
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Acq: 20 Apr 2022 10:21

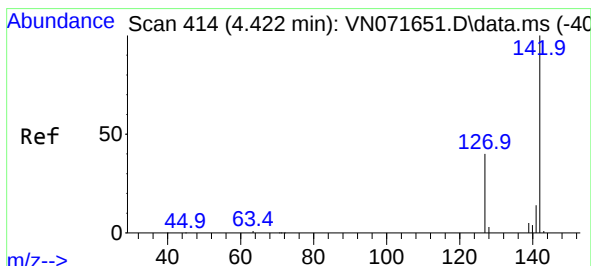
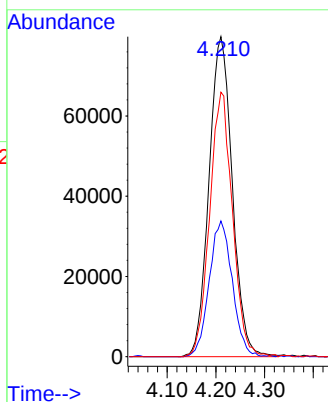
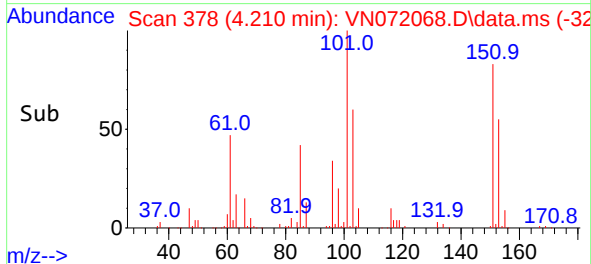
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



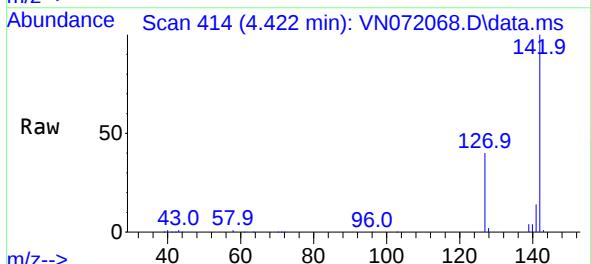
Tgt Ion:101 Resp: 265230
Ion Ratio Lower Upper
101 100
85 42.1 34.7 52.1
151 81.0 63.0 94.4

Manual Integrations
APPROVED

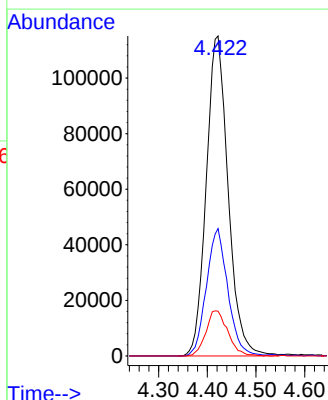
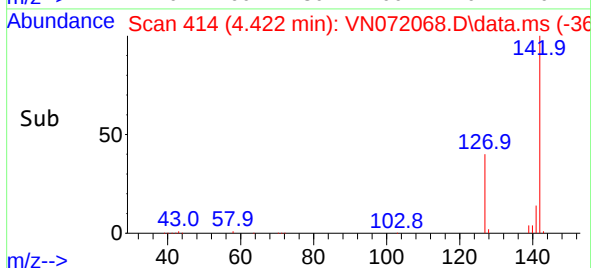
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

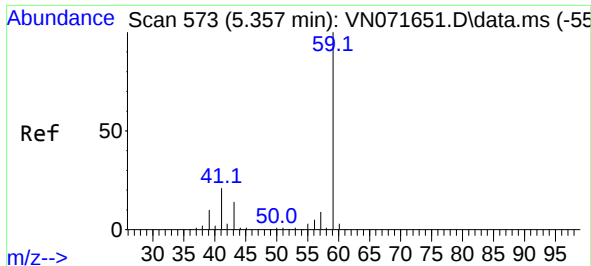


#10
Methyl Iodide
Concen: 56.192 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



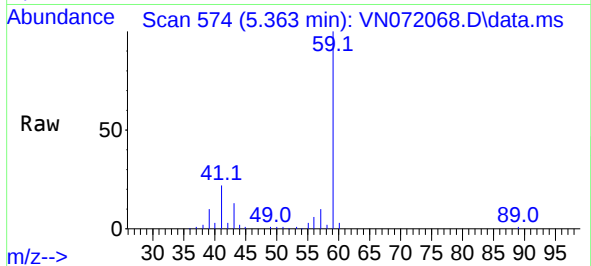
Tgt Ion:142 Resp: 359365
Ion Ratio Lower Upper
142 100
127 38.9 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 238.693 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

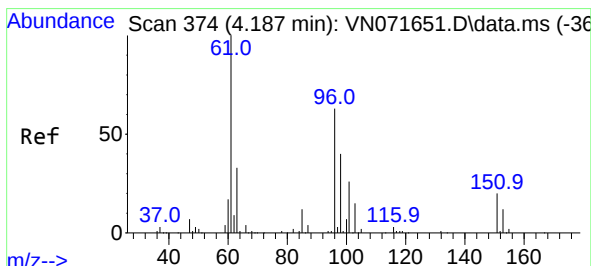
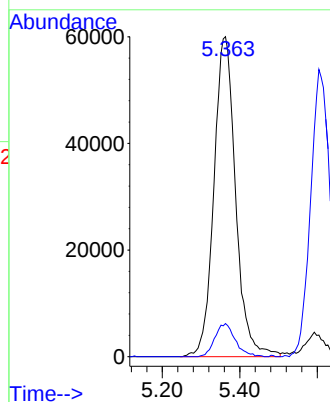
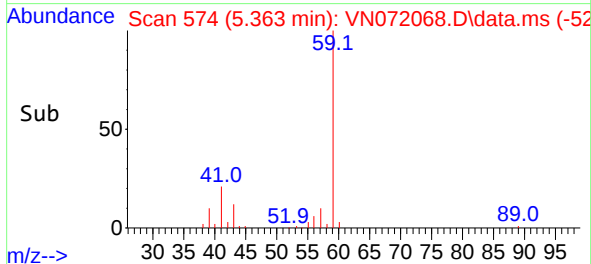
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



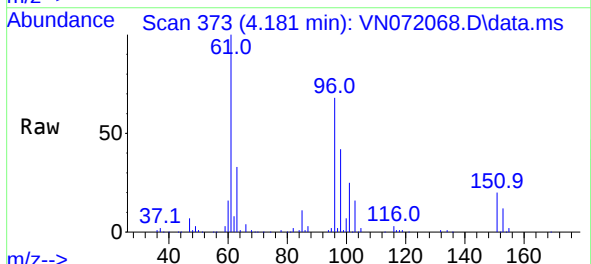
Tgt Ion: 59 Resp: 233248
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

Manual Integrations
APPROVED

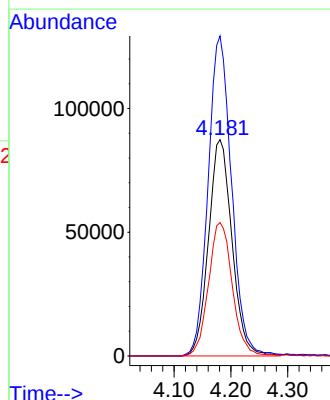
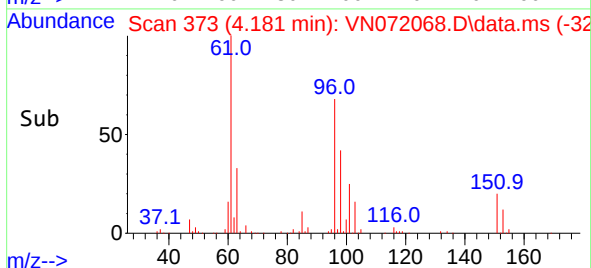
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

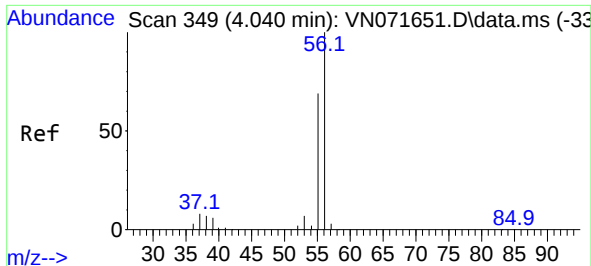


#12
1,1-Dichloroethene
Concen: 57.731 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



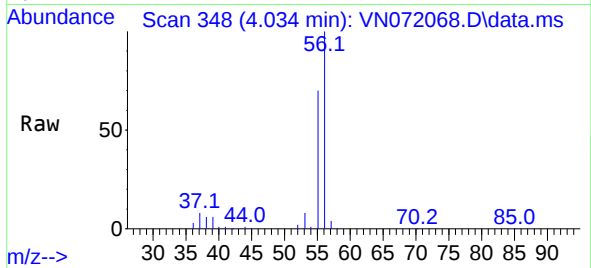
Tgt Ion: 96 Resp: 251340
Ion Ratio Lower Upper
96 100
61 147.9 127.6 191.4
98 61.7 51.2 76.8





#13
Acrolein
Concen: 181.851 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

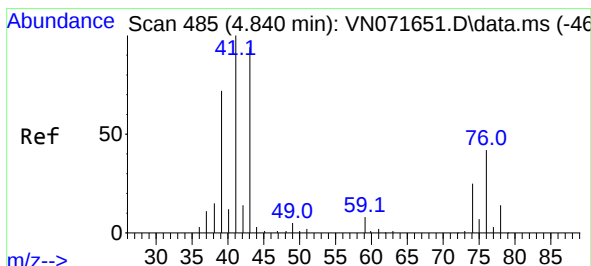
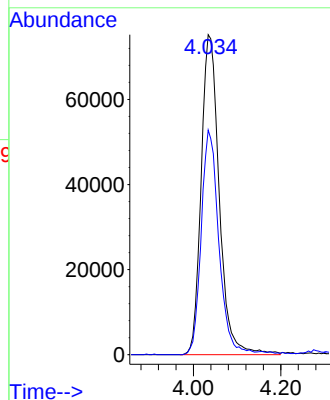
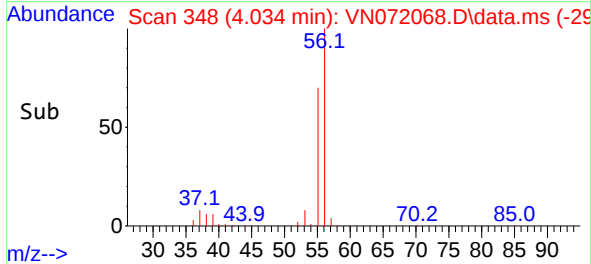
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 21667
Ion Ratio Lower Upper
56 100
55 68.3 54.8 82.2

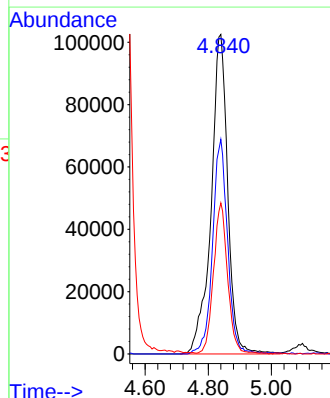
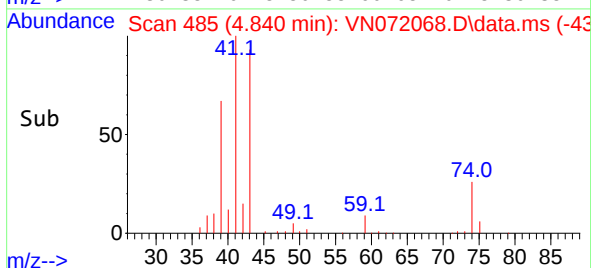
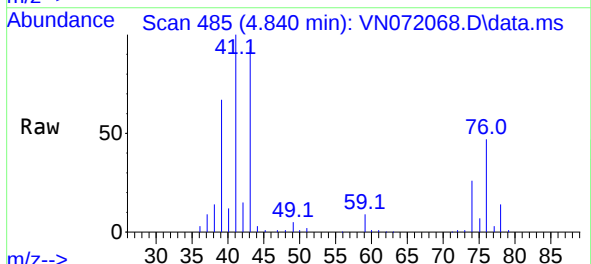
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#14
Allyl chloride
Concen: 53.236 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

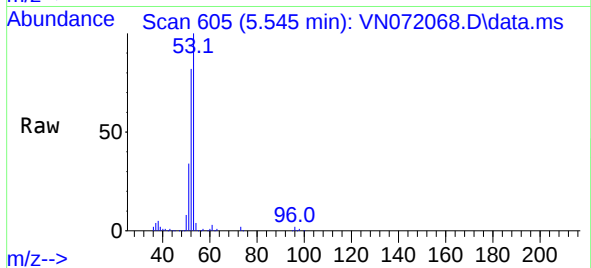
Tgt Ion: 41 Resp: 376178
Ion Ratio Lower Upper
41 100
39 60.4 53.2 79.8
76 39.0 29.9 44.9





#15
Acrylonitrile
Concen: 275.264 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

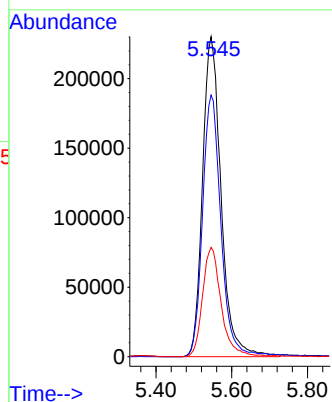
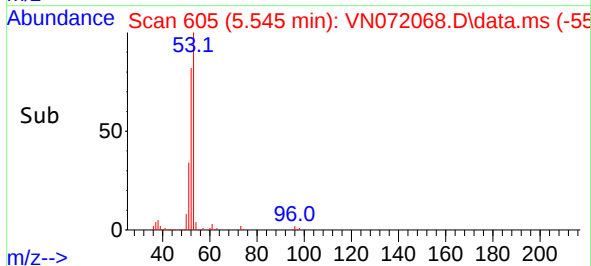
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



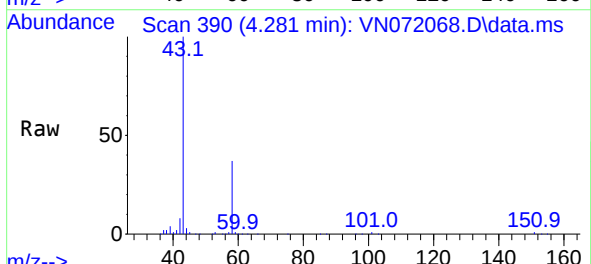
Tgt Ion: 53 Resp: 781848
Ion Ratio Lower Upper
53 100
52 81.0 66.4 99.6
51 34.1 28.5 42.7

Manual Integrations
APPROVED

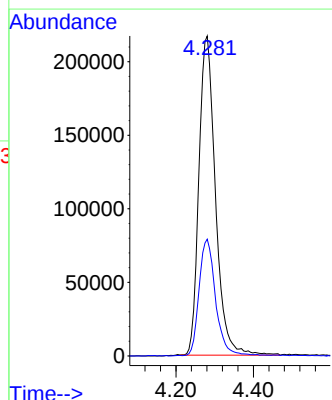
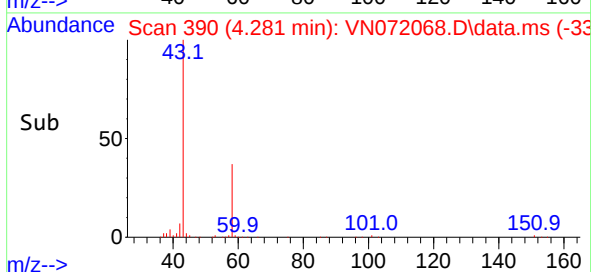
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

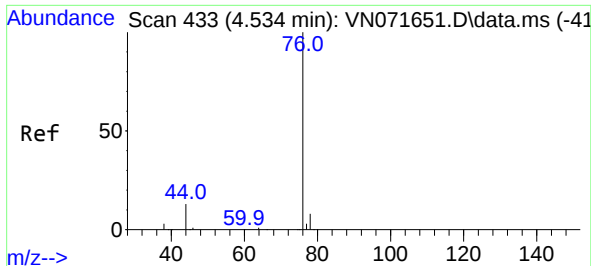


#16
Acetone
Concen: 250.007 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



Tgt Ion: 43 Resp: 643358
Ion Ratio Lower Upper
43 100
58 36.5 26.0 39.0





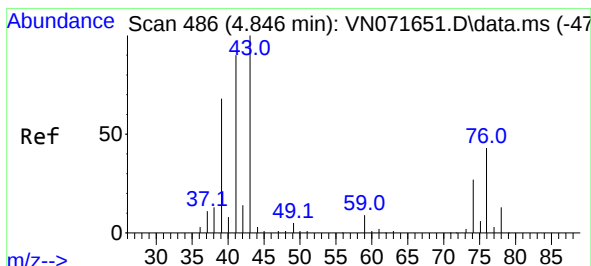
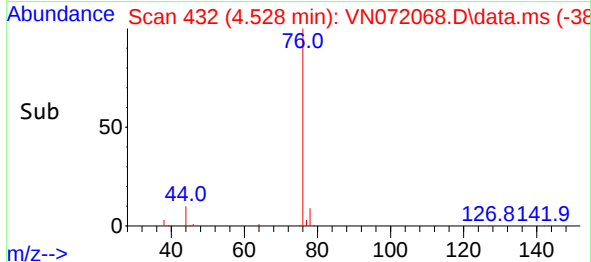
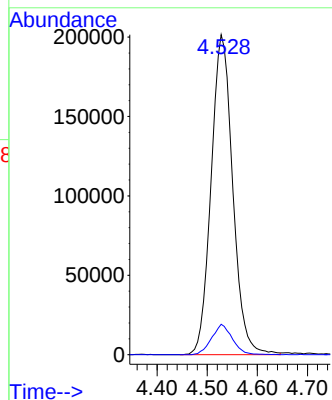
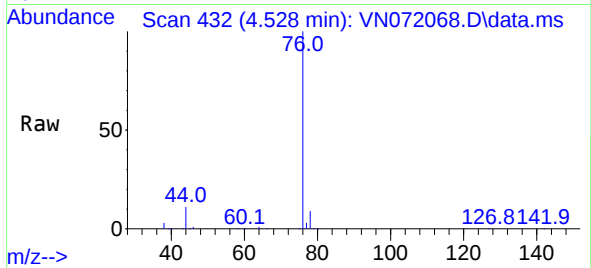
#17
Carbon Disulfide
Concen: 60.431 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 60364
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

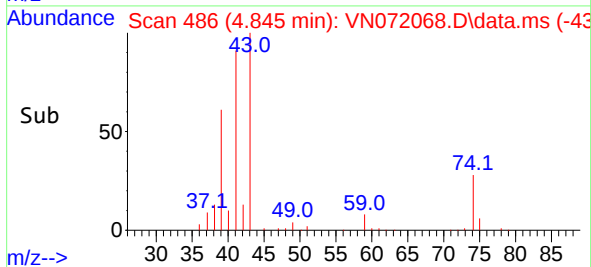
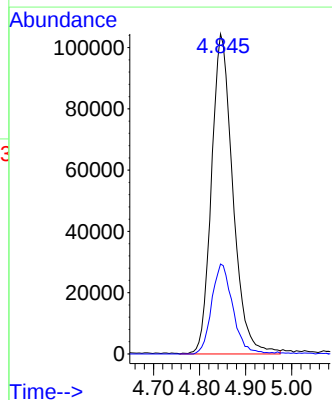
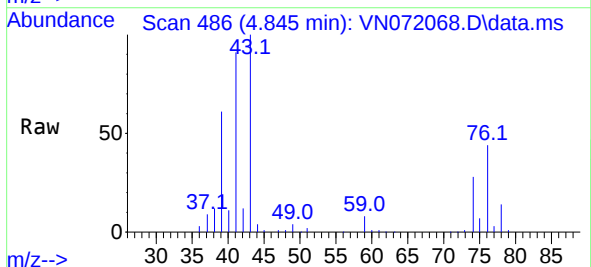
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#18
Methyl Acetate
Concen: 52.862 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

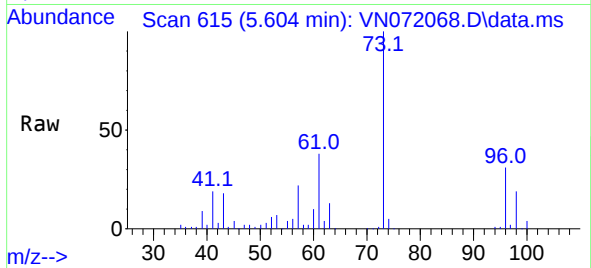
Tgt Ion: 43 Resp: 336311
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 54.959 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

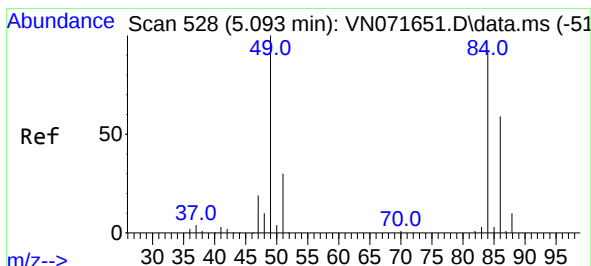
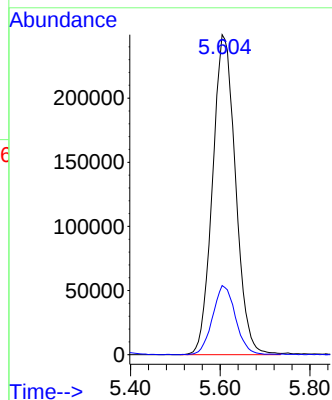
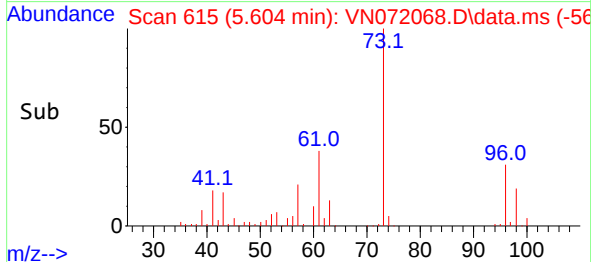
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



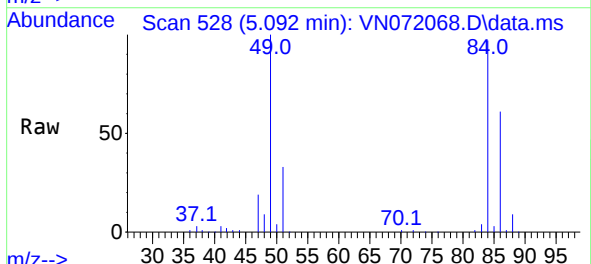
Tgt Ion: 73 Resp: 88890
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

Manual Integrations
APPROVED

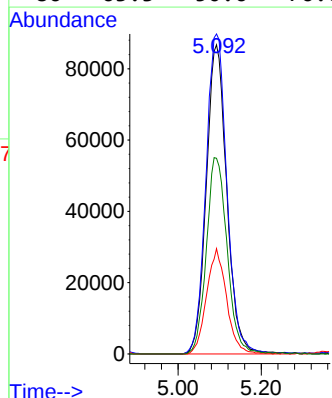
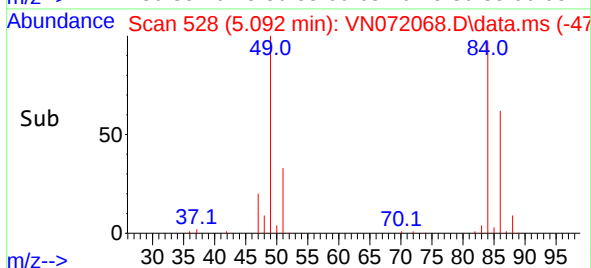
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

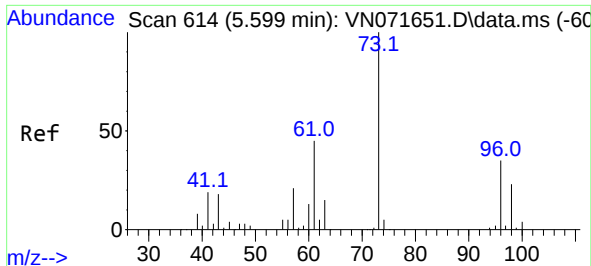


#20
Methylene Chloride
Concen: 54.779 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



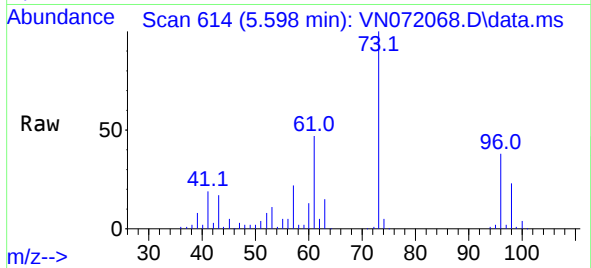
Tgt Ion: 84 Resp: 297124
Ion Ratio Lower Upper
84 100
49 103.5 88.3 132.5
51 34.1 28.2 42.2
86 63.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 56.426 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

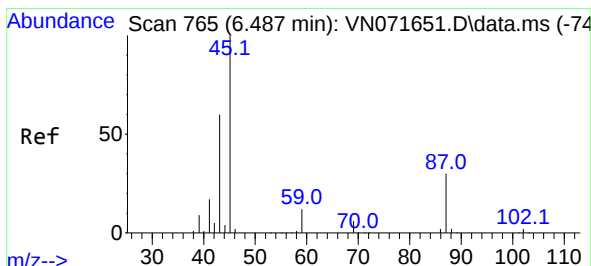
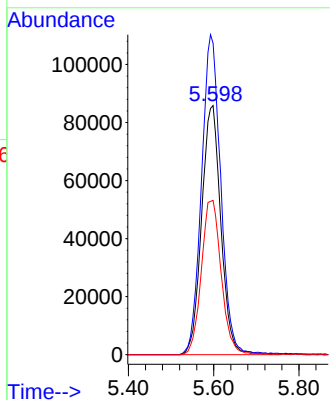
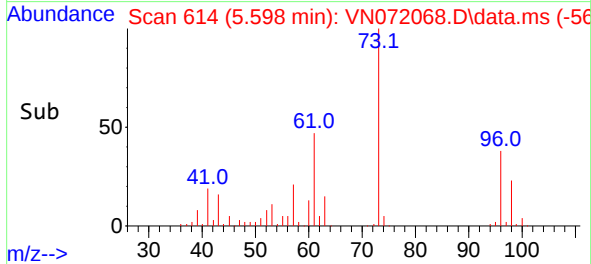
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



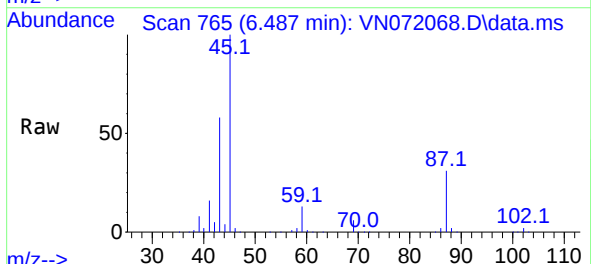
Tgt Ion: 96 Resp: 269670
Ion Ratio Lower Upper
96 100
61 125.1 105.8 158.8
98 61.9 50.3 75.5

Manual Integrations
APPROVED

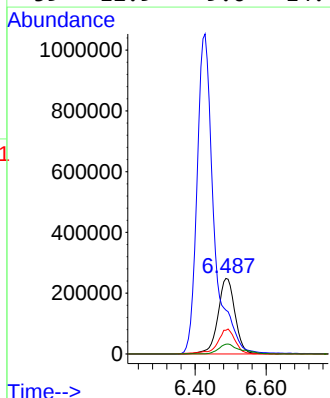
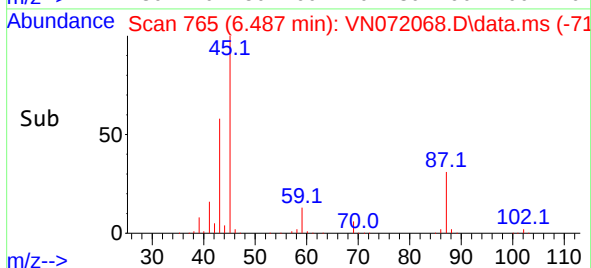
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

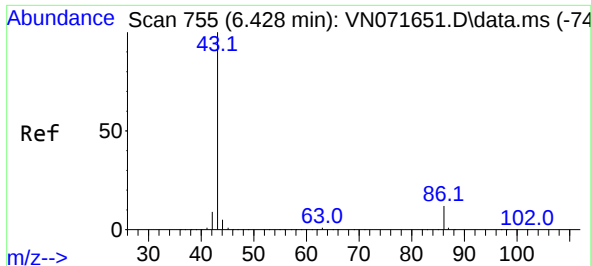


#22
Diisopropyl ether
Concen: 53.714 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



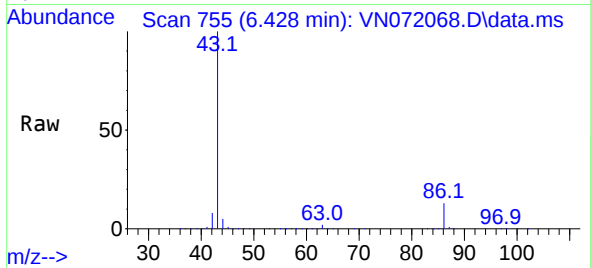
Tgt Ion: 45 Resp: 826291
Ion Ratio Lower Upper
45 100
43 57.9 46.6 70.0
87 31.3 24.3 36.5
59 12.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 284.677 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072068.D
 Acq: 20 Apr 2022 10:21

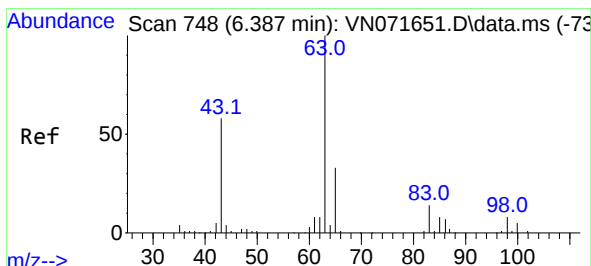
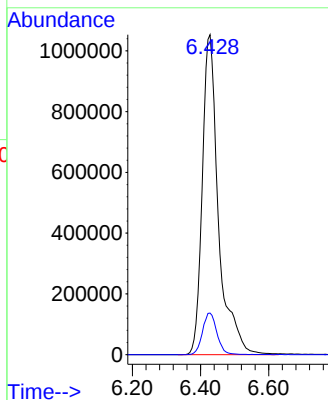
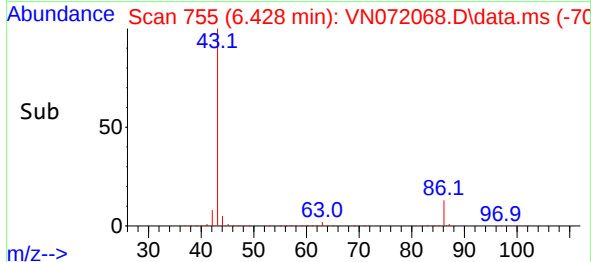
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



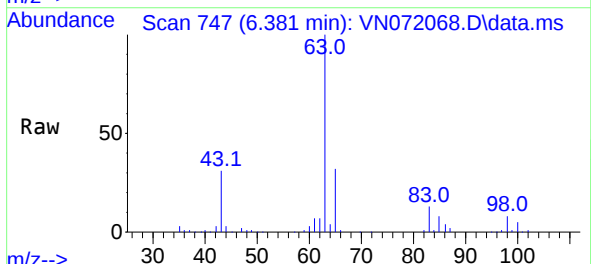
Tgt Ion: 43 Resp: 3482470
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.0 15.0

Manual Integrations
 APPROVED

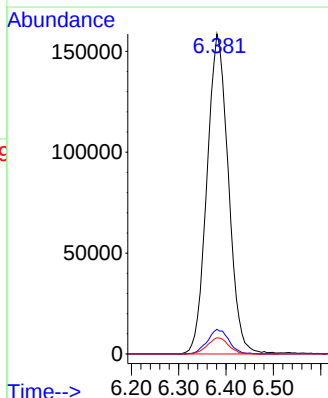
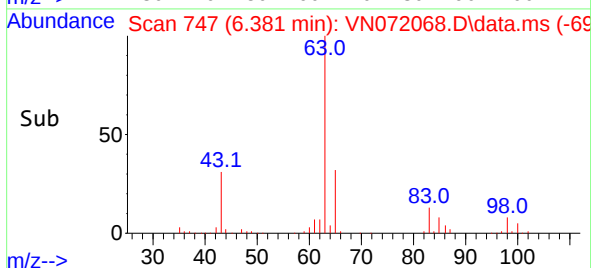
Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



#24
 1,1-Dichloroethane
 Concen: 55.165 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072068.D
 Acq: 20 Apr 2022 10:21



Tgt Ion: 63 Resp: 498183
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 5.0 2.3 6.8





#25

2-Butanone

Concen: 262.395 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072068.D

Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 973438

Ion Ratio Lower Upper

43 100

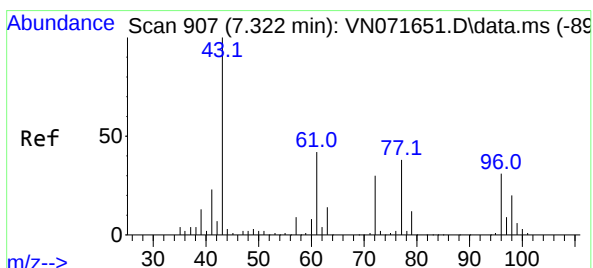
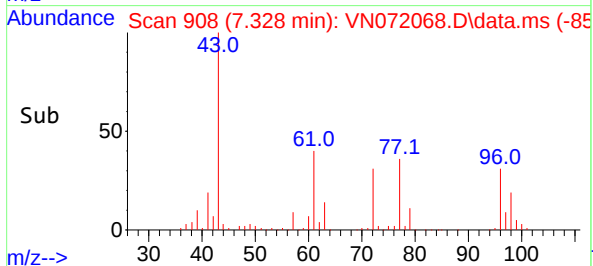
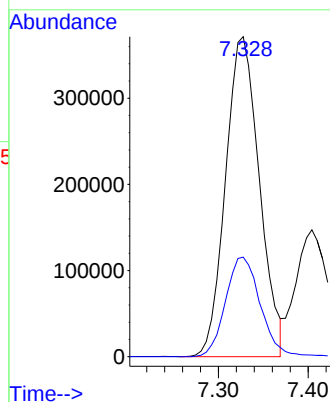
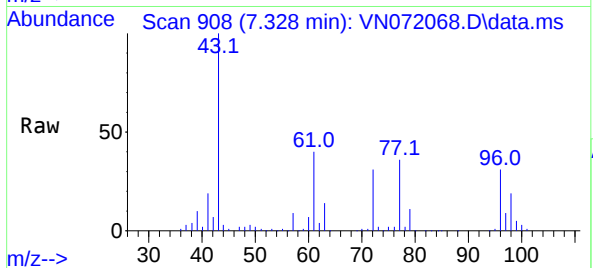
72 31.1 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#26

2,2-Dichloropropane

Concen: 54.316 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072068.D

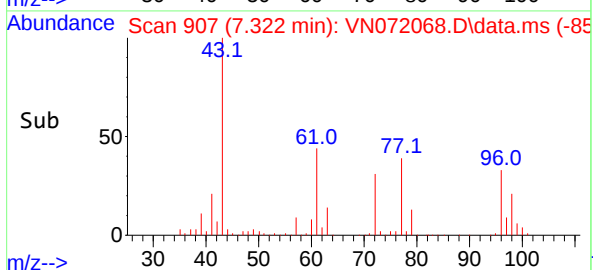
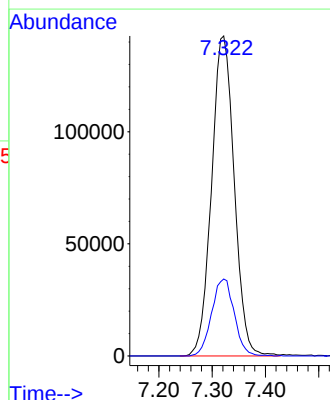
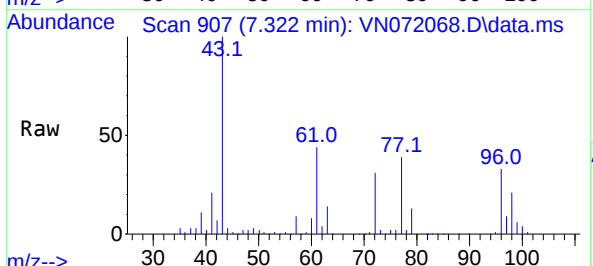
Acq: 20 Apr 2022 10:21

Tgt Ion: 77 Resp: 421381

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.2





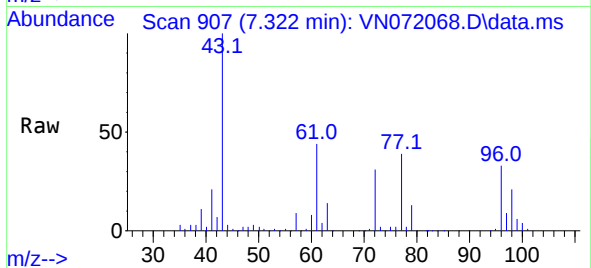
#27
cis-1,2-Dichloroethene
Concen: 56.502 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

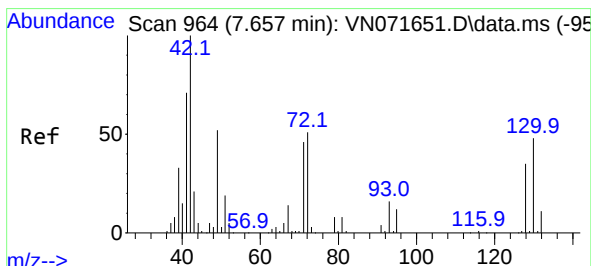
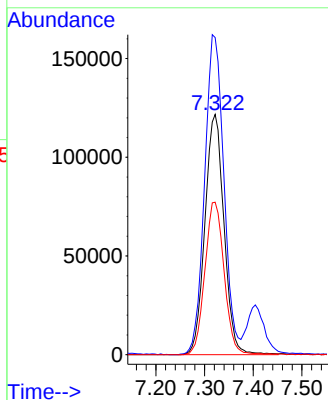
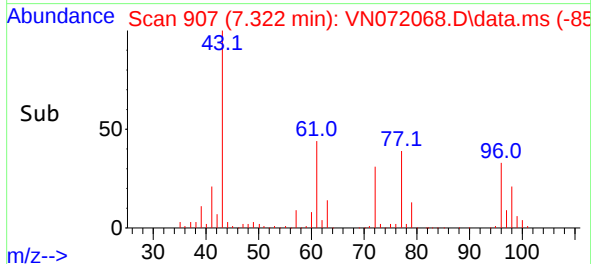
VSTDCCC050



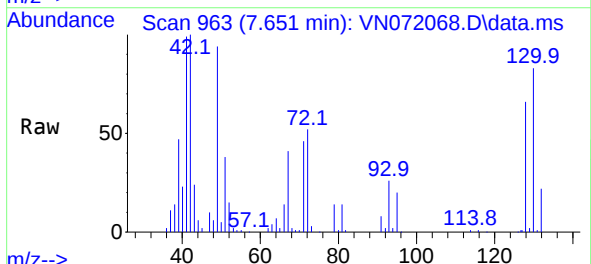
Tgt Ion: 96 Resp: 33114
Ion Ratio Lower Upper
96 100
61 134.1 0.0 280.6
98 64.2 0.0 128.4

Manual Integrations
APPROVED

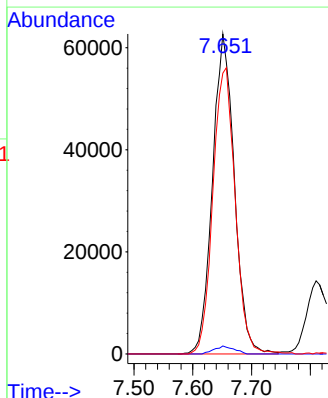
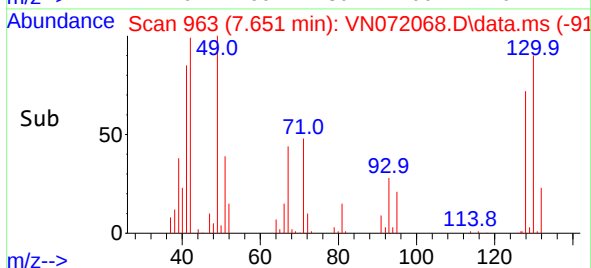
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#28
Bromochloromethane
Concen: 44.389 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



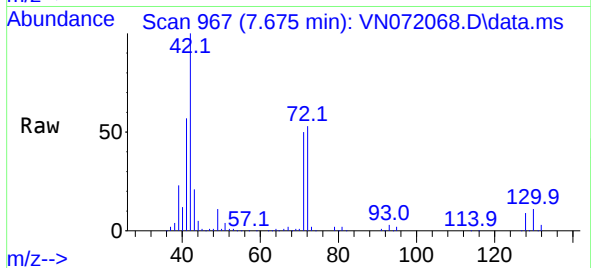
Tgt Ion: 49 Resp: 161706
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 91.4 69.7 104.5





#29
Tetrahydrofuran
Concen: 260.064 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

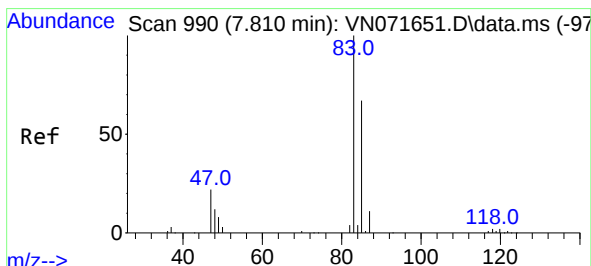
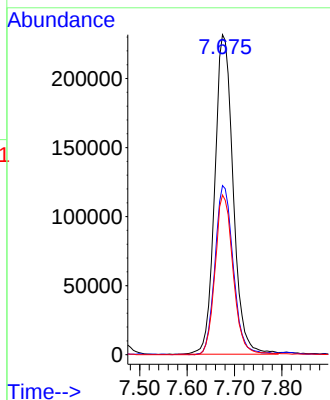
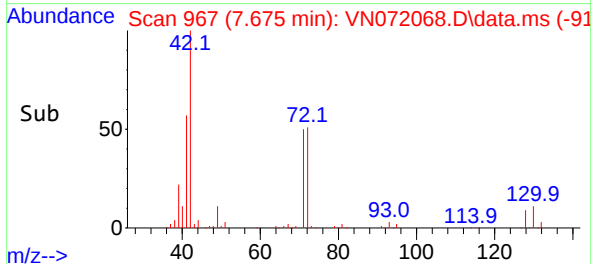
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



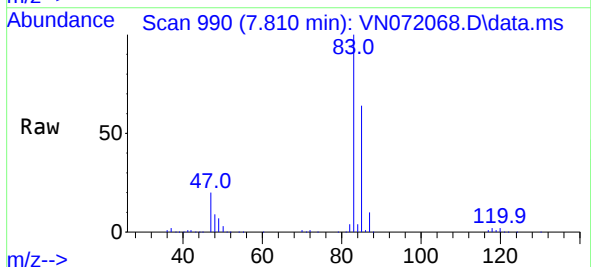
Tgt Ion: 42 Resp: 624714
Ion Ratio Lower Upper
42 100
72 52.6 39.7 59.5
71 49.1 36.6 55.0

Manual Integrations
APPROVED

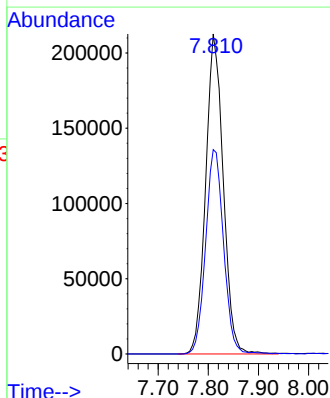
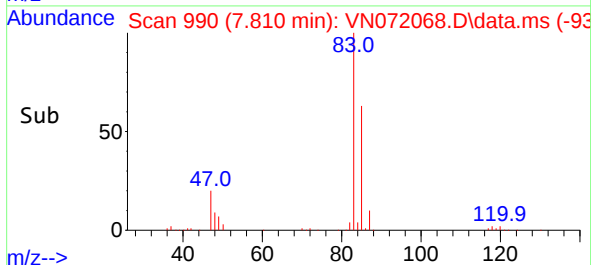
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

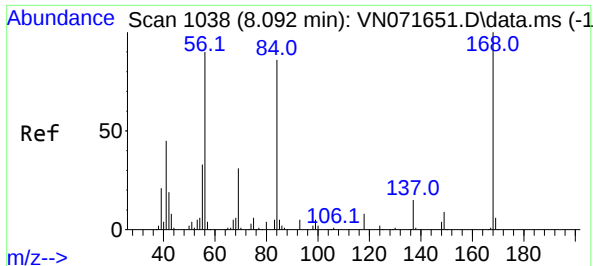


#30
Chloroform
Concen: 54.338 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



Tgt Ion: 83 Resp: 518153
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8





#31

Cyclohexane

Concen: 55.485 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072068.D

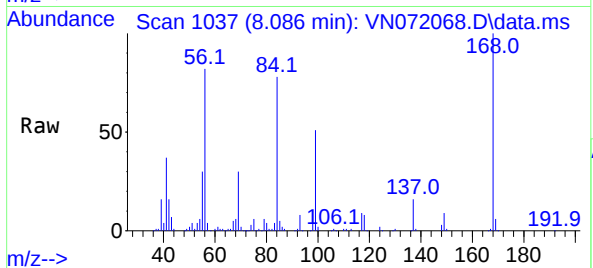
Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 454358

Ion Ratio Lower Upper

56 100

69 36.2 27.8 41.8

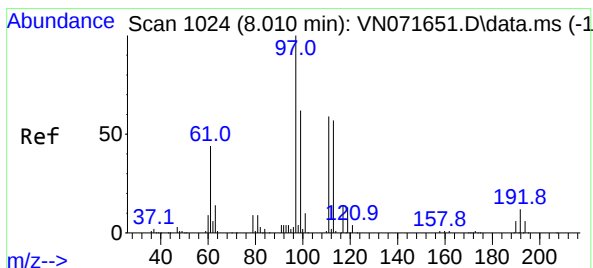
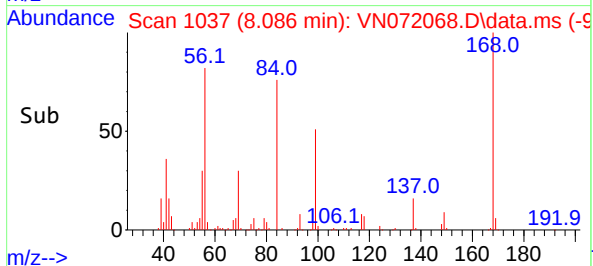
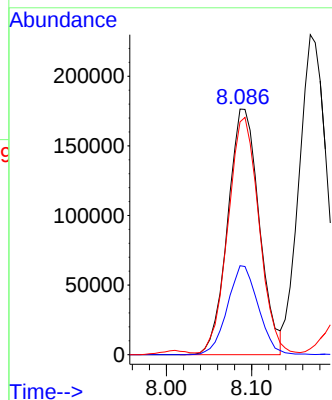
84 93.4 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#32

1,1,1-Trichloroethane

Concen: 54.258 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072068.D

Acq: 20 Apr 2022 10:21

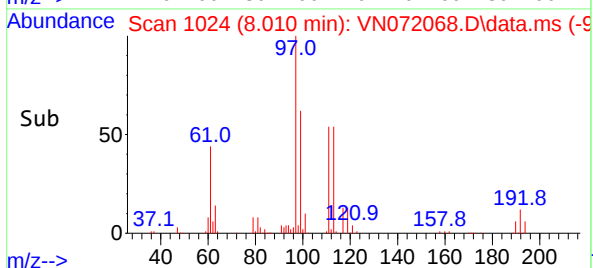
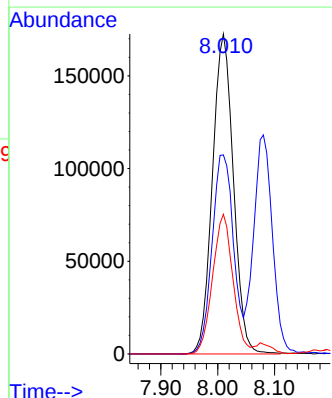
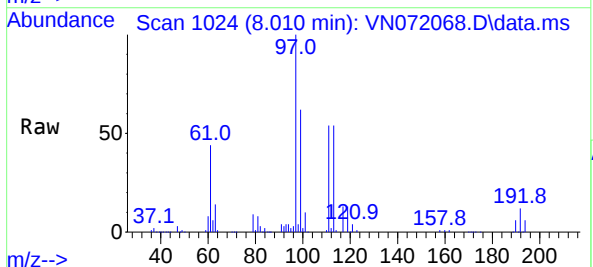
Tgt Ion: 97 Resp: 442617

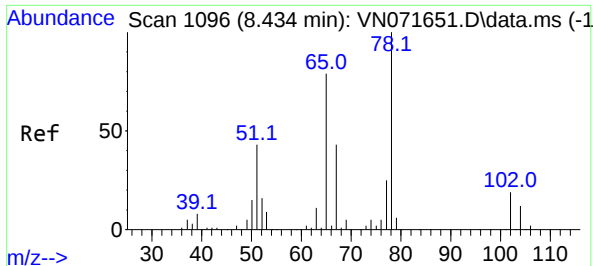
Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

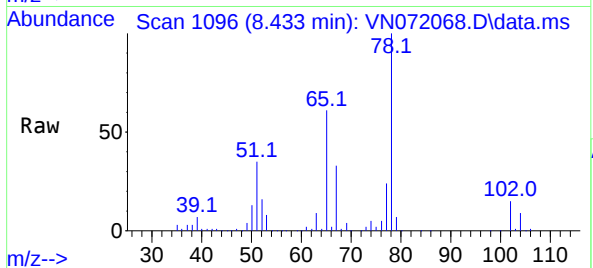
61 42.3 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 43.908 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

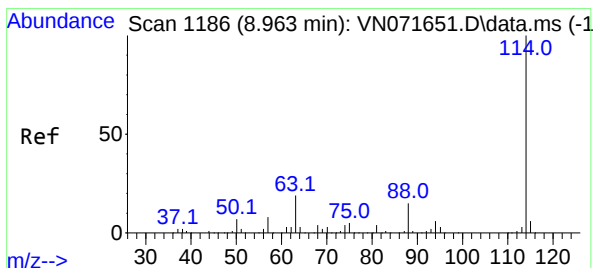
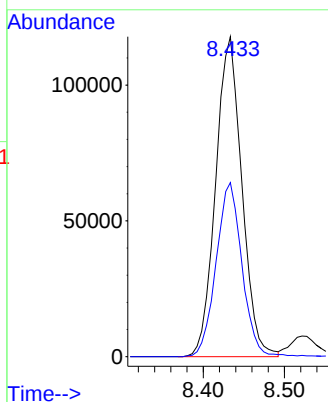
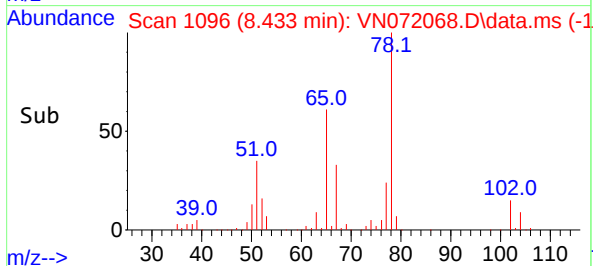
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



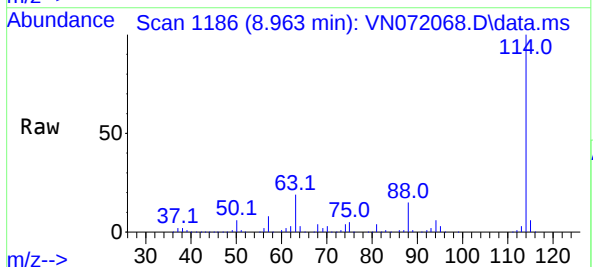
Tgt Ion: 65 Resp: 26439
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8

Manual Integrations
APPROVED

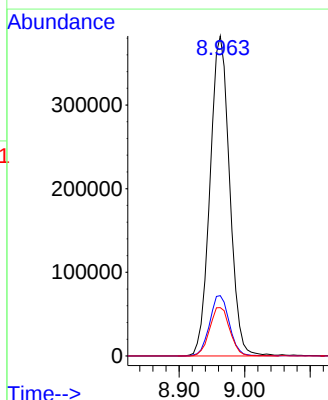
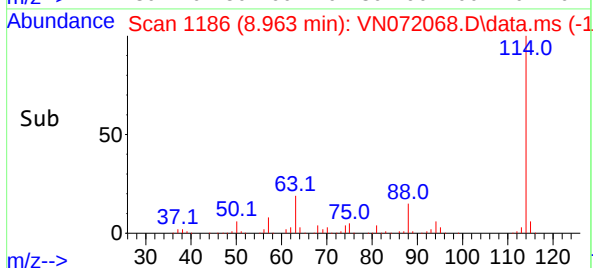
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

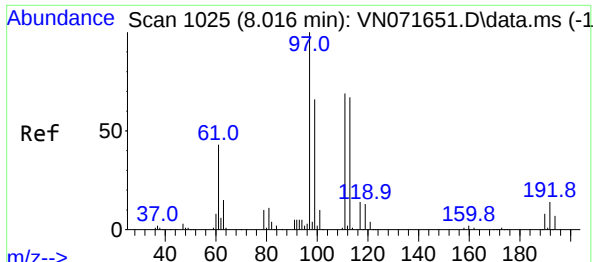


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



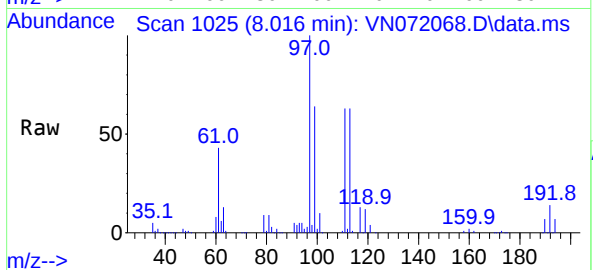
Tgt Ion:114 Resp: 791566
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.162 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

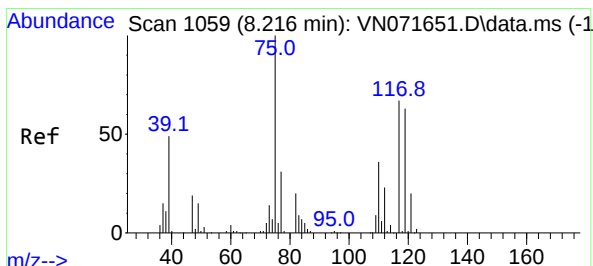
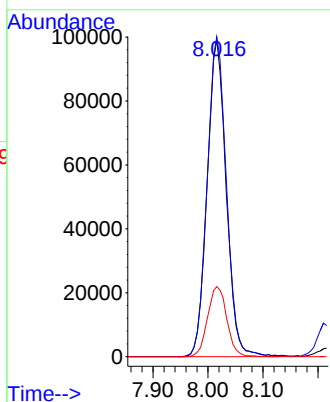
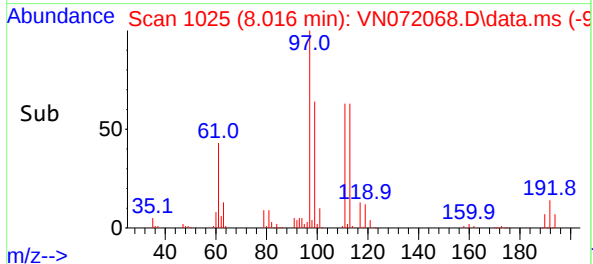
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



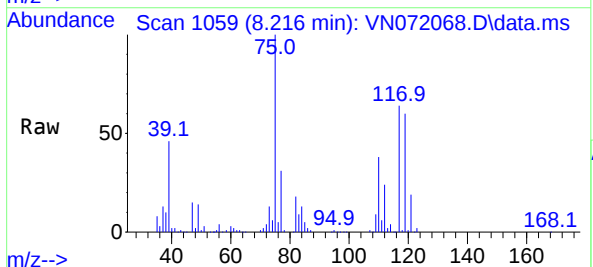
Tgt Ion: 113 Resp: 23830
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 22.3 17.0 25.6

Manual Integrations
APPROVED

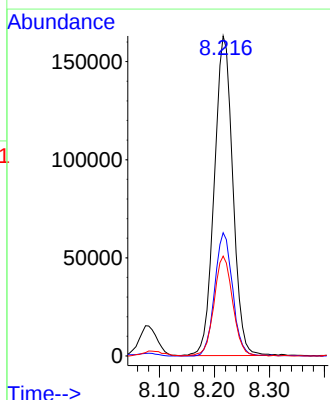
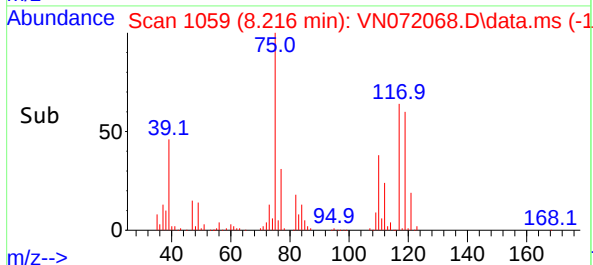
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

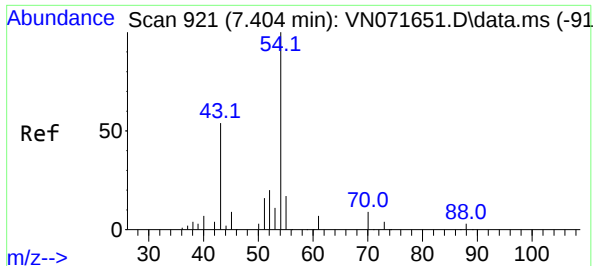


#36
1,1-Dichloropropene
Concen: 58.697 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



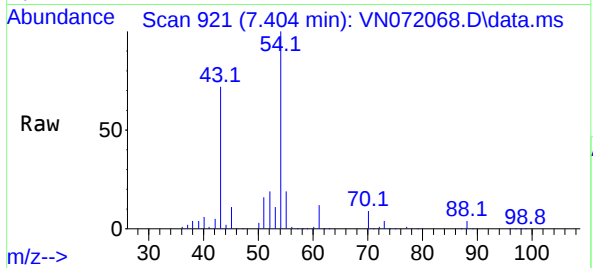
Tgt Ion: 75 Resp: 381797
Ion Ratio Lower Upper
75 100
110 37.1 18.3 54.8
77 31.4 25.1 37.7





#37
Ethyl Acetate
Concen: 55.298 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

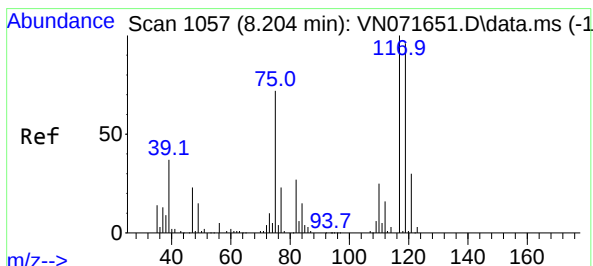
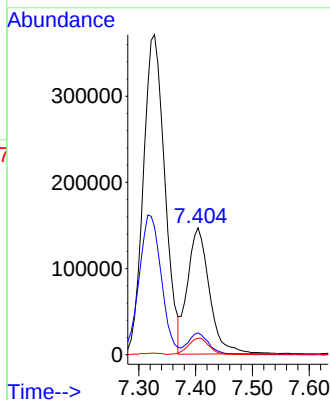
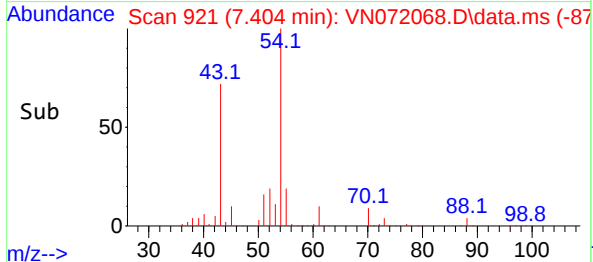
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 39369
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.6
70 12.7 9.3 13.9

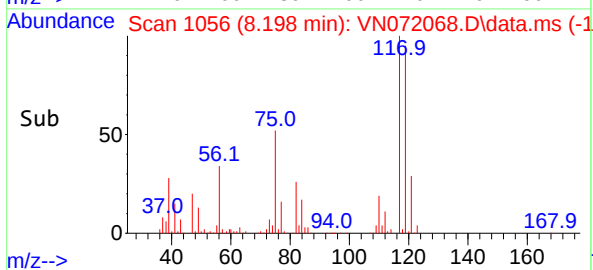
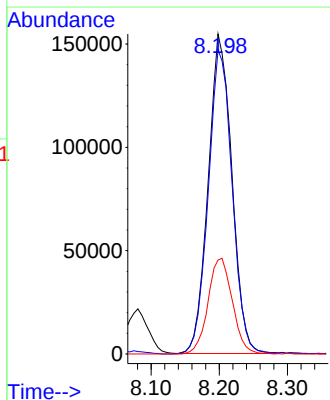
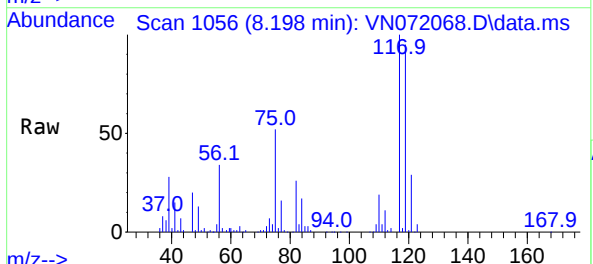
Manual Integrations
APPROVED

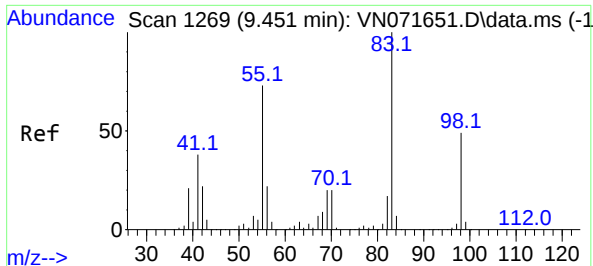
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#38
Carbon Tetrachloride
Concen: 58.700 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Tgt Ion:117 Resp: 374203
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 63.117 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072068.D

Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 48870

Ion Ratio Lower Upper

83 100

55 71.1 57.8 86.8

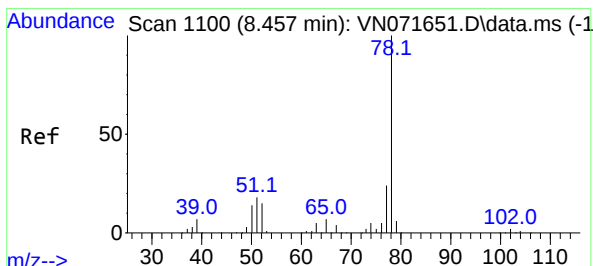
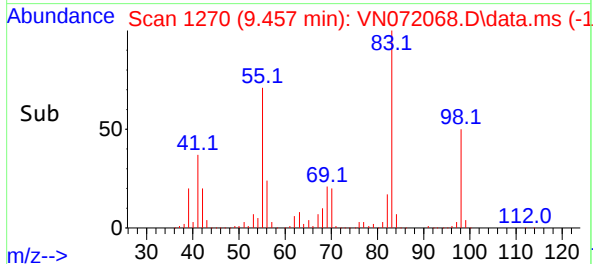
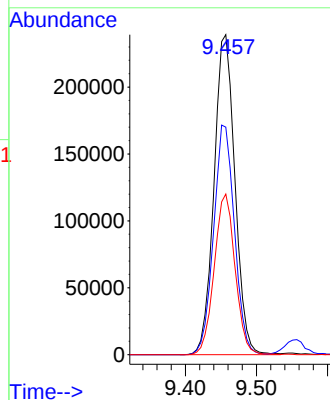
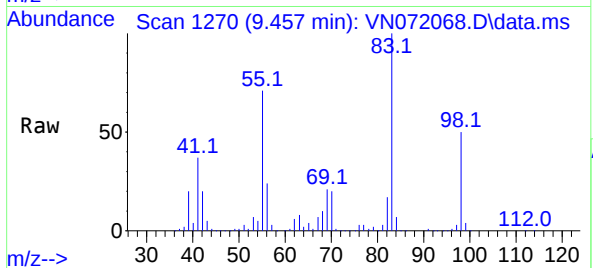
98 50.2 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#40

Benzene

Concen: 58.485 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072068.D

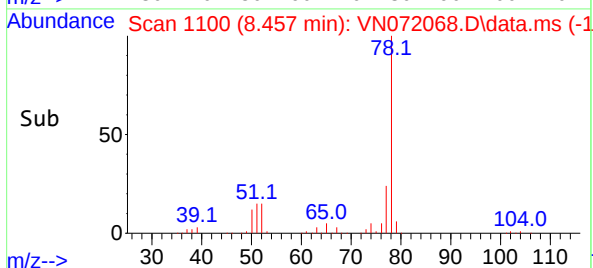
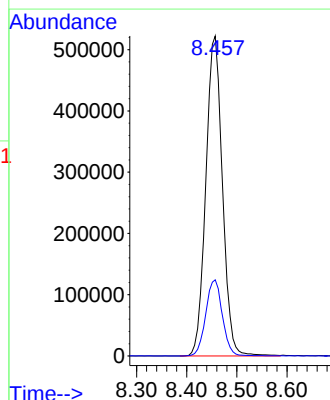
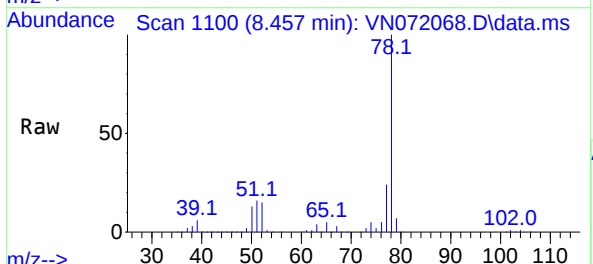
Acq: 20 Apr 2022 10:21

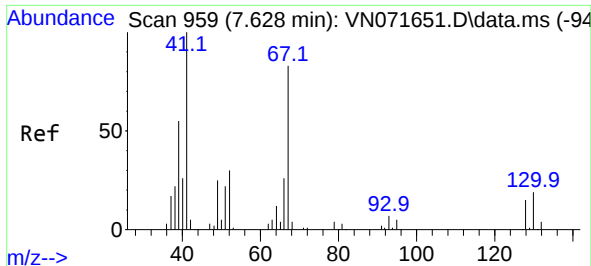
Tgt Ion: 78 Resp: 1201737

Ion Ratio Lower Upper

78 100

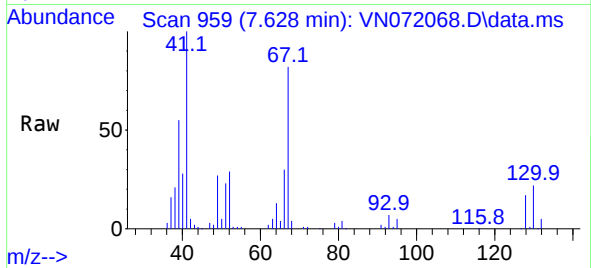
77 23.8 19.4 29.0





#41
Methacrylonitrile
Concen: 61.220 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

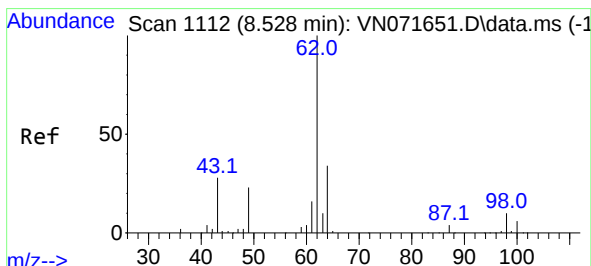
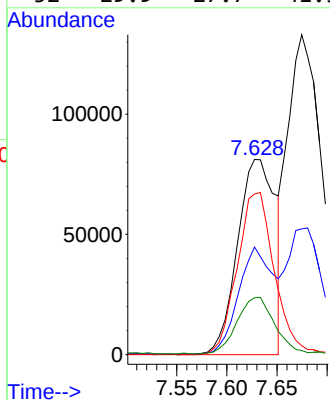
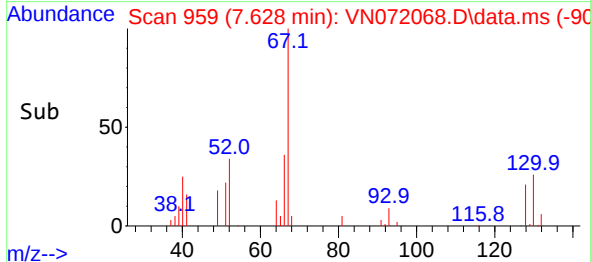
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



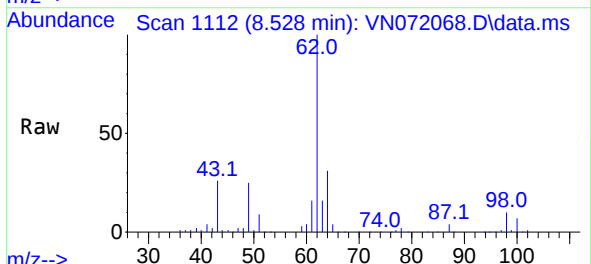
Tgt Ion: 41 Resp: 21341
Ion Ratio Lower Upper
41 100
39 51.4 48.6 73.0
67 83.0 73.4 110.2
52 29.9 27.7 41.5

Manual Integrations
APPROVED

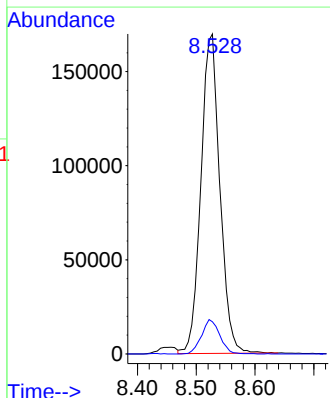
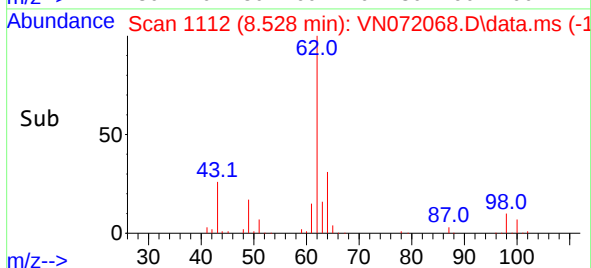
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

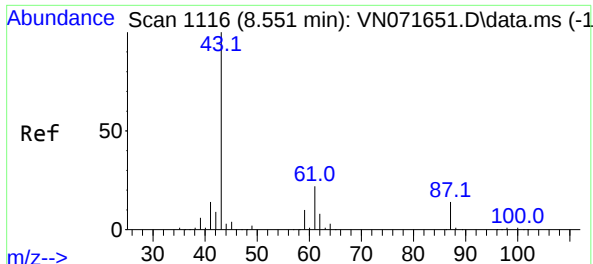


#42
1,2-Dichloroethane
Concen: 53.570 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



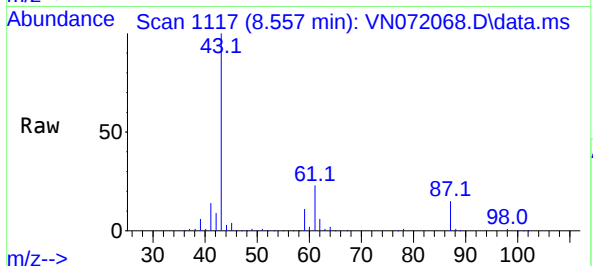
Tgt Ion: 62 Resp: 380773
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 52.379 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

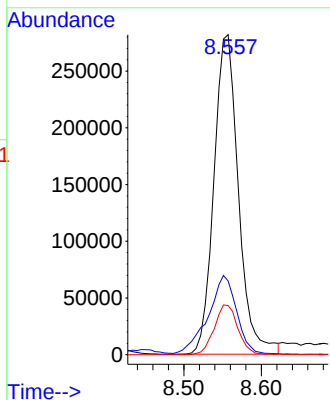
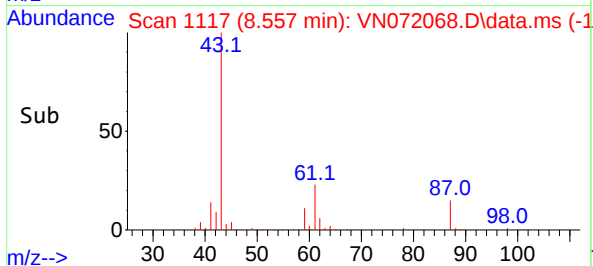
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



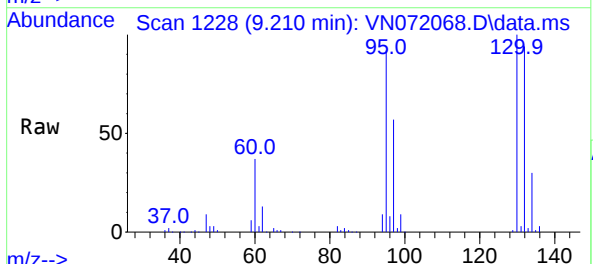
Tgt Ion: 43 Resp: 620270
Ion Ratio Lower Upper
43 100
61 29.0 21.9 32.9
87 15.1 12.0 18.0

Manual Integrations
APPROVED

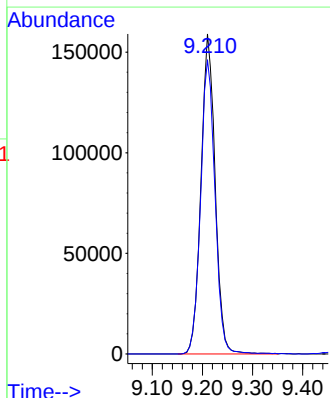
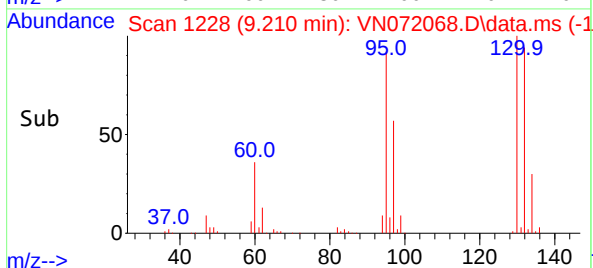
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

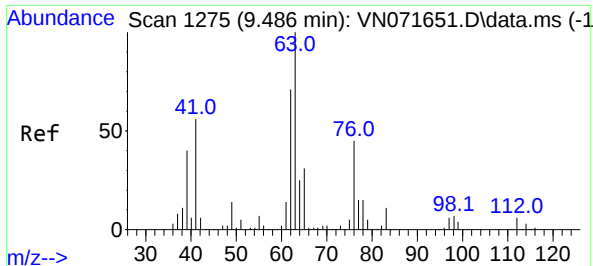


#44
Trichloroethene
Concen: 58.991 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



Tgt Ion:130 Resp: 312281
Ion Ratio Lower Upper
130 100
95 92.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 57.321 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072068.D

Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 294240

Ion Ratio Lower Upper

63 100

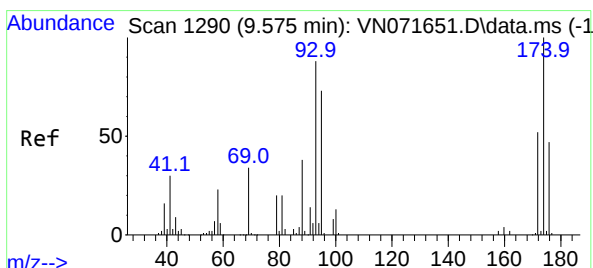
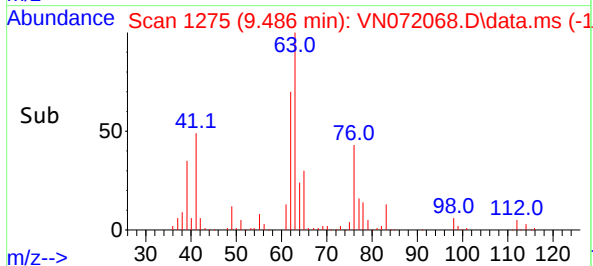
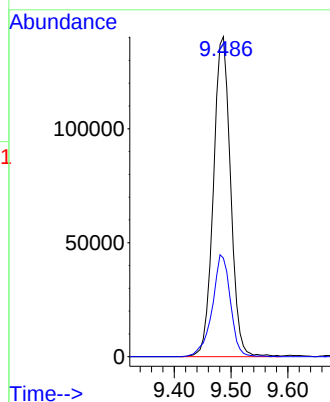
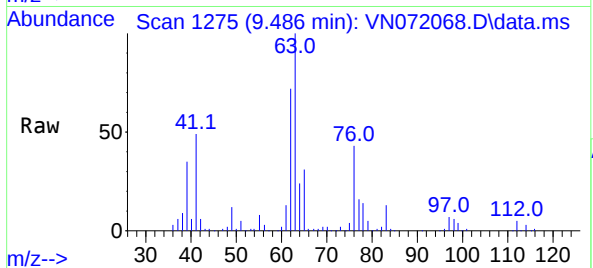
65 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#46

Dibromomethane

Concen: 57.301 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072068.D

Acq: 20 Apr 2022 10:21

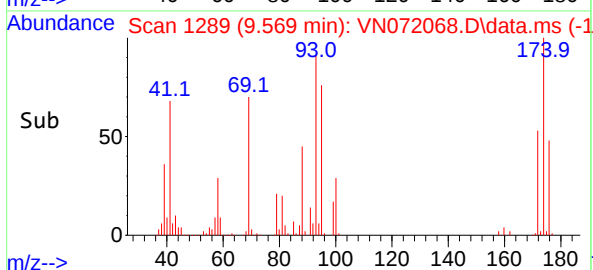
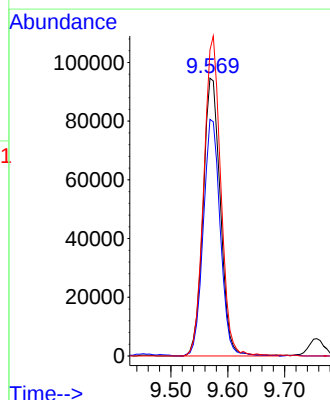
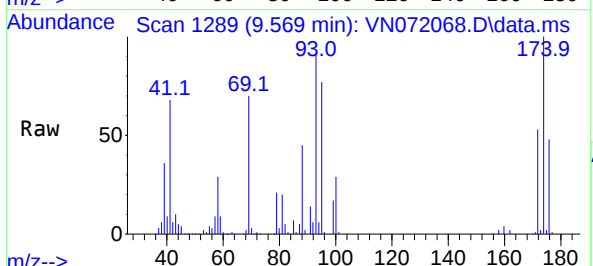
Tgt Ion: 93 Resp: 199710

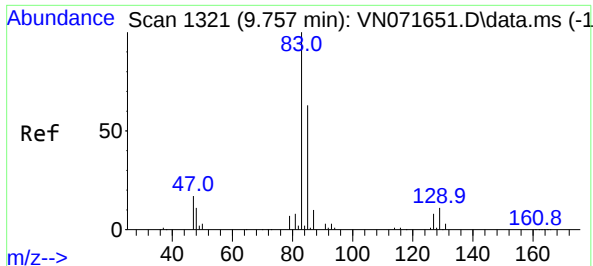
Ion Ratio Lower Upper

93 100

95 84.0 66.9 100.3

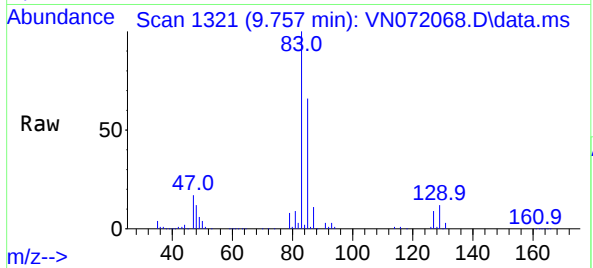
174 113.2 86.6 130.0





#47
Bromodichloromethane
Concen: 58.143 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

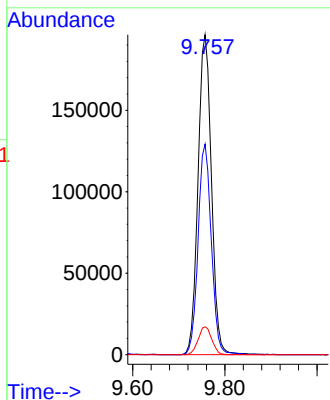
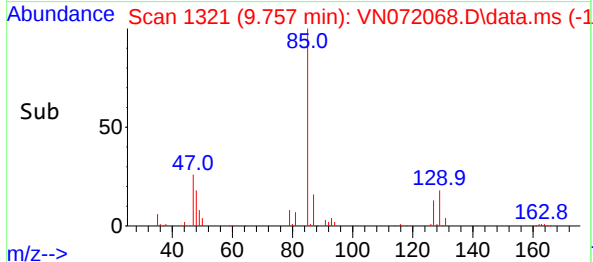
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



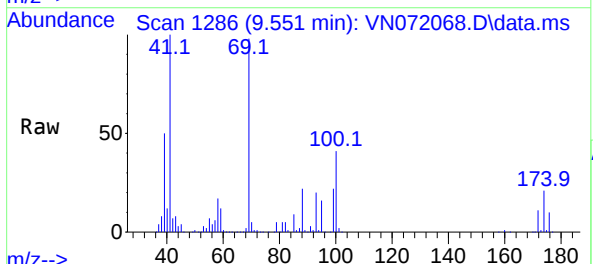
Tgt Ion: 83 Resp: 398890
Ion Ratio Lower Upper
83 100
85 65.8 50.5 75.7
127 8.7 6.8 10.2

Manual Integrations
APPROVED

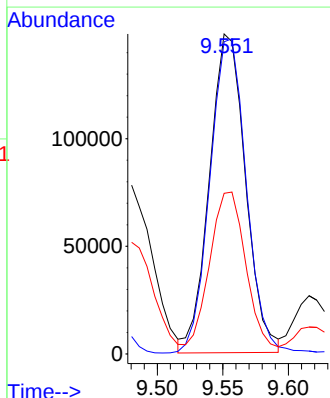
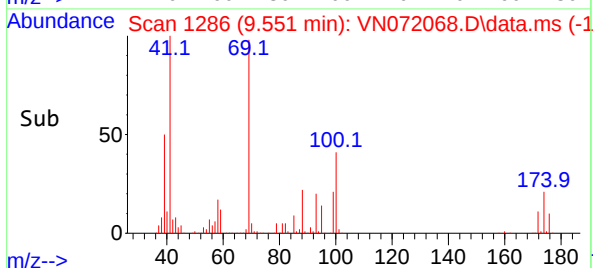
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

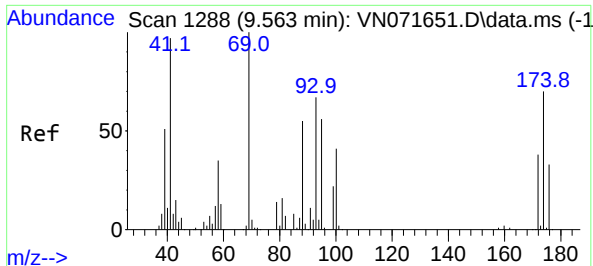


#48
Methyl methacrylate
Concen: 57.679 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



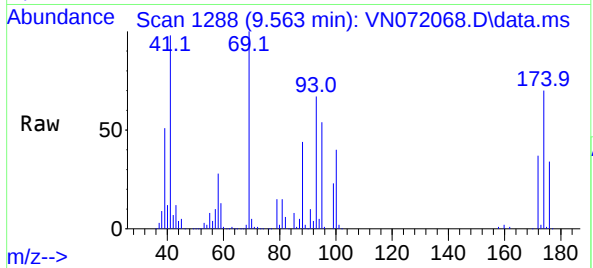
Tgt Ion: 41 Resp: 283378
Ion Ratio Lower Upper
41 100
69 100.5 74.7 112.1
39 51.5 45.6 68.4





#49
1,4-Dioxane
Concen: 916.299 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

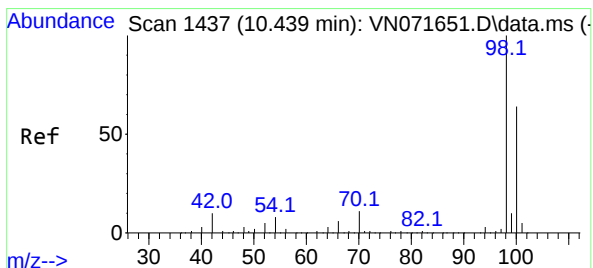
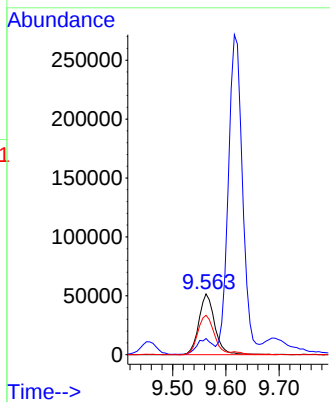
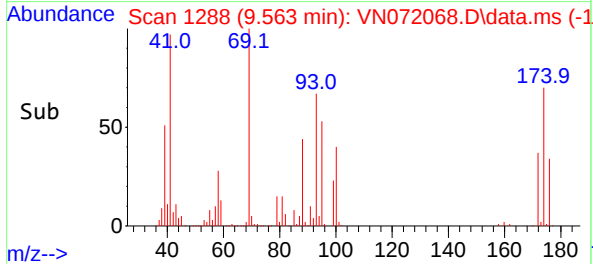
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



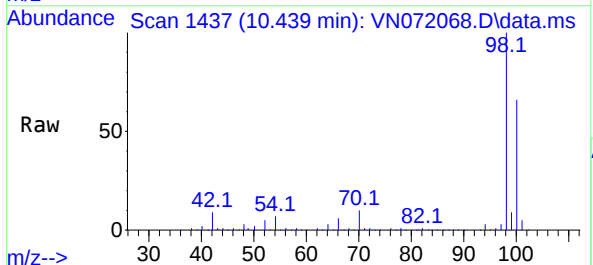
Tgt Ion: 88 Resp: 106934
Ion Ratio Lower Upper
88 100
43 25.5 20.2 30.4
58 66.9 54.2 81.4

Manual Integrations
APPROVED

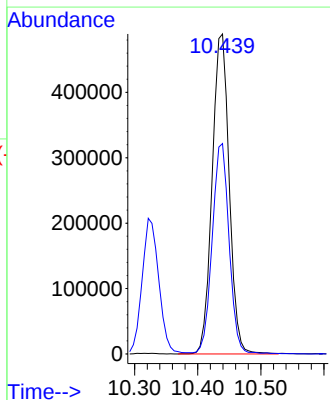
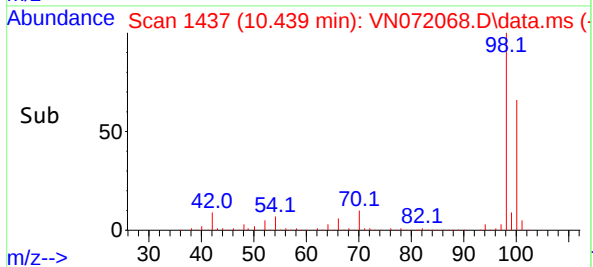
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

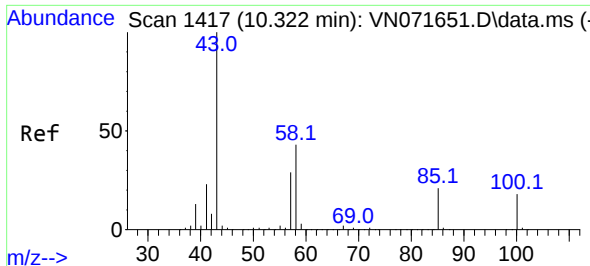


#50
Toluene-d8
Concen: 48.166 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



Tgt Ion: 98 Resp: 917781
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





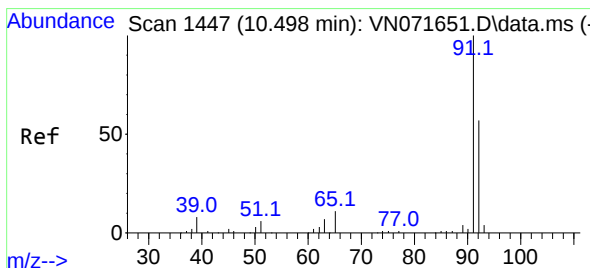
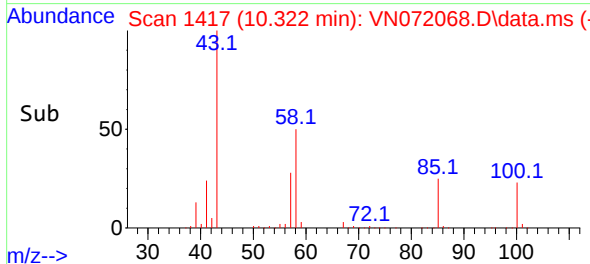
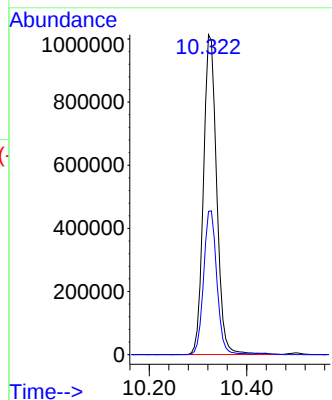
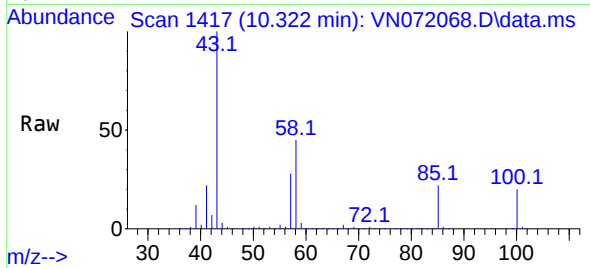
#51
4-Methyl-2-Pentanone
Concen: 281.237 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 191478
Ion Ratio Lower Upper
43 100
58 45.0 34.1 51.1

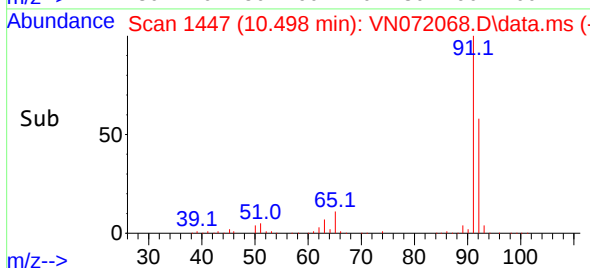
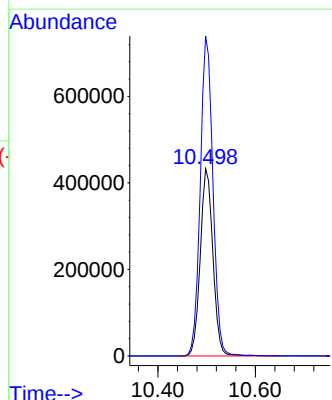
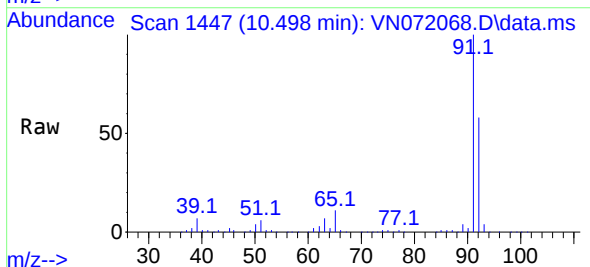
Manual Integrations
APPROVED

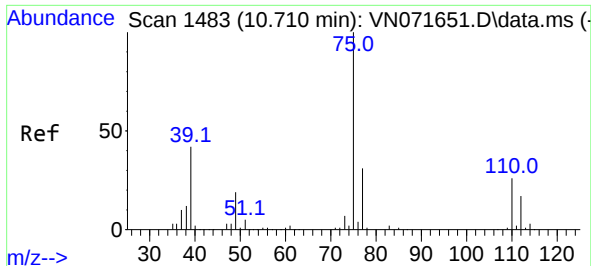
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#52
Toluene
Concen: 60.031 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Tgt Ion: 92 Resp: 779730
Ion Ratio Lower Upper
92 100
91 171.4 138.6 207.8





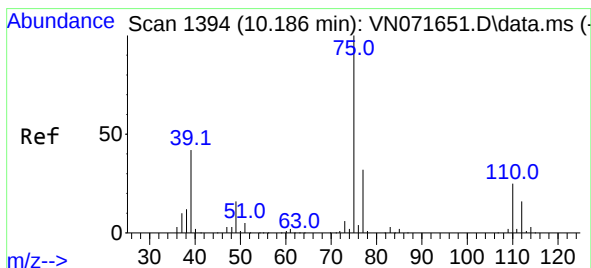
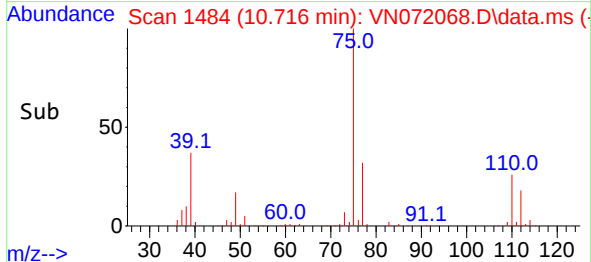
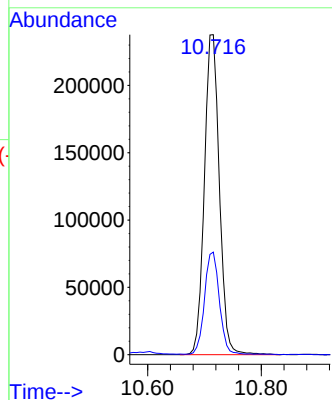
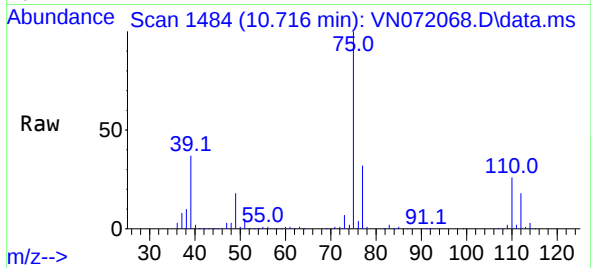
#53
t-1,3-Dichloropropene
Concen: 60.402 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 434312
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

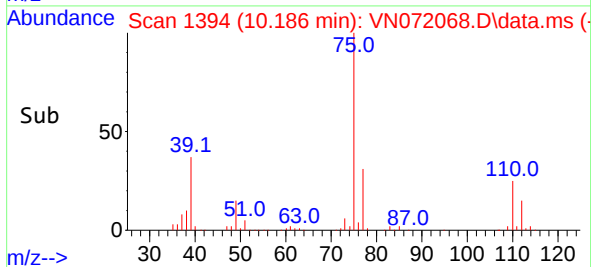
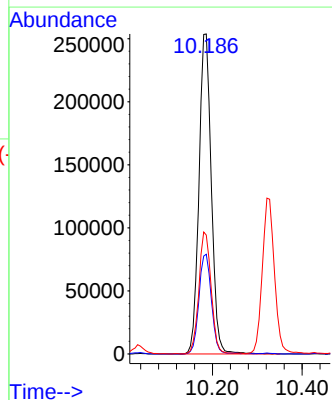
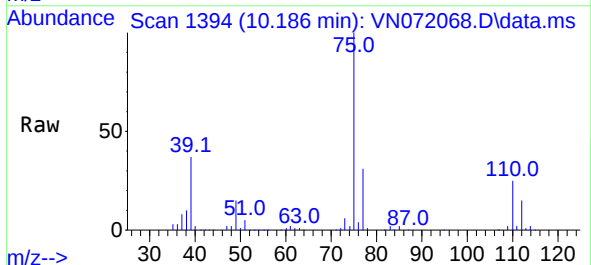
Manual Integrations
APPROVED

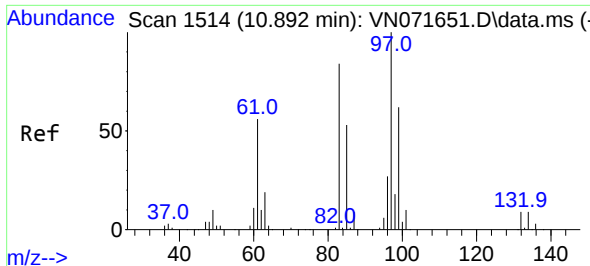
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#54
cis-1,3-Dichloropropene
Concen: 60.923 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Tgt Ion: 75 Resp: 484019
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 37.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 57.513 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

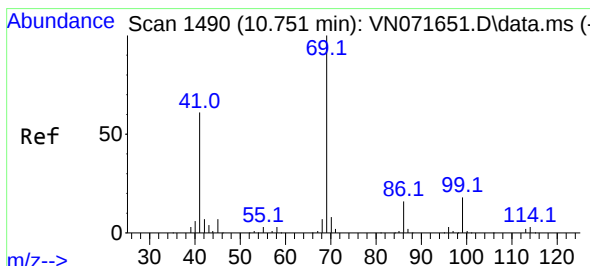
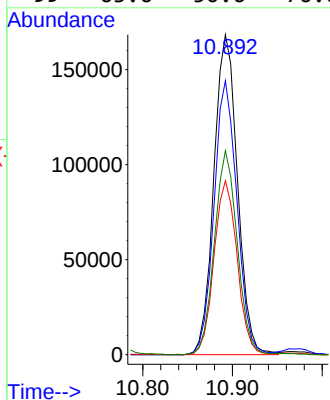
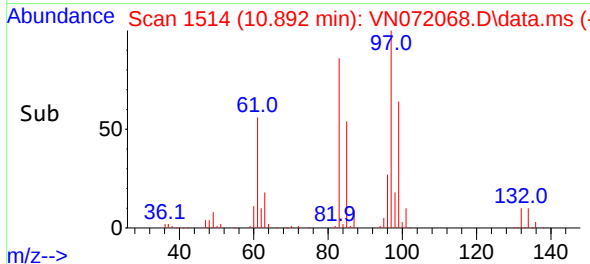
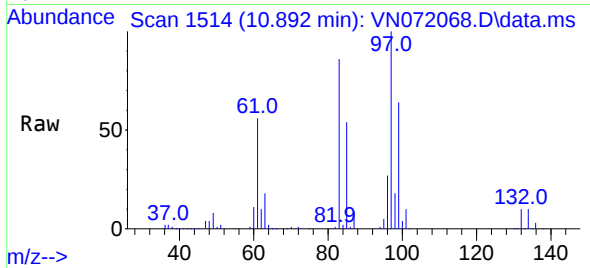
VSTDCCC050

Tgt Ion: 97 Resp: 30744
Ion Ratio Lower Upper
97 100
83 85.6 66.2 99.4
85 54.4 43.9 65.9
99 63.6 50.6 76.0

Manual Integrations

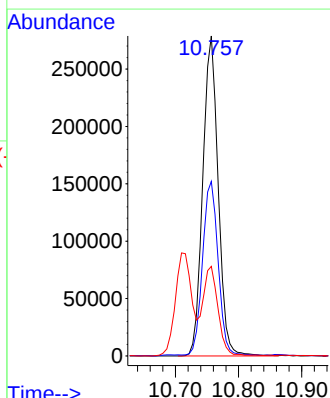
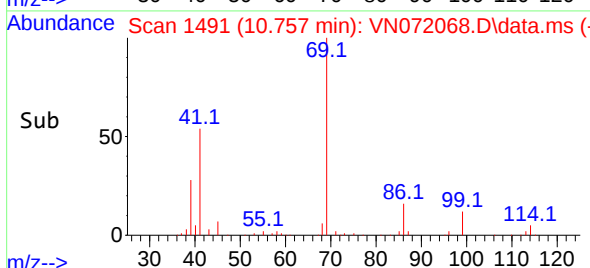
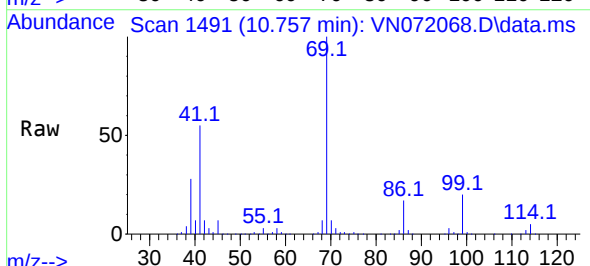
APPROVED

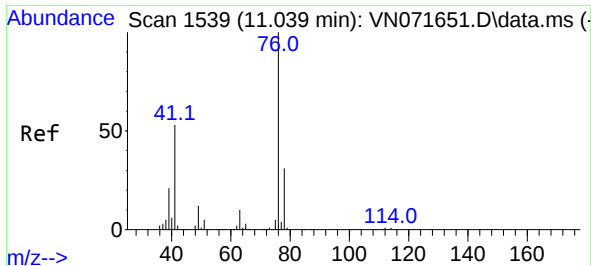
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#56
Ethyl methacrylate
Concen: 61.967 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

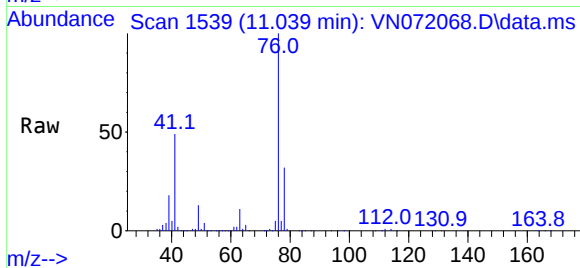
Tgt Ion: 69 Resp: 472555
Ion Ratio Lower Upper
69 100
41 54.9 47.8 71.6
39 27.6 27.3 40.9





#57
1,3-Dichloropropane
Concen: 57.405 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

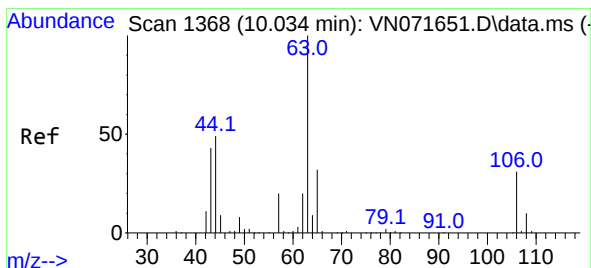
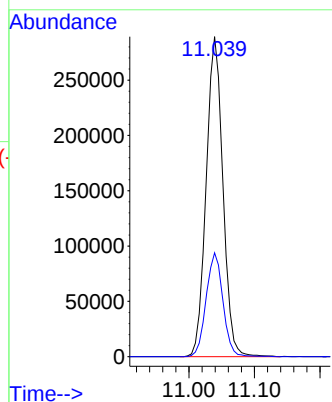
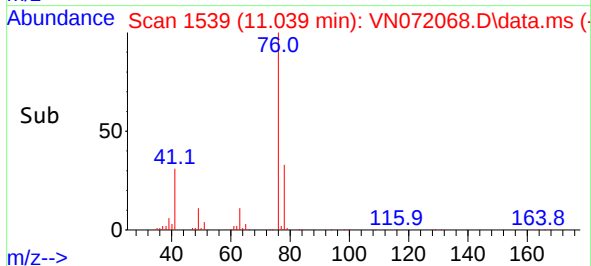
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



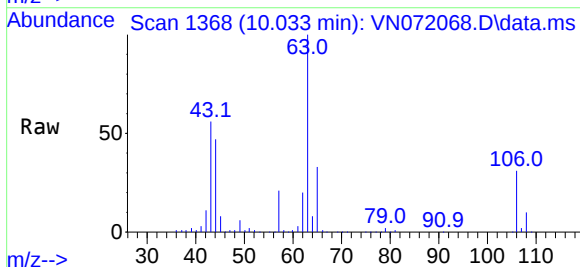
Tgt Ion: 76 Resp: 513073
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

Manual Integrations
APPROVED

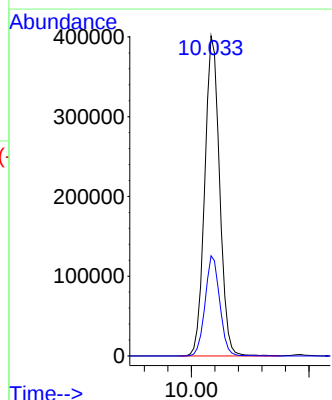
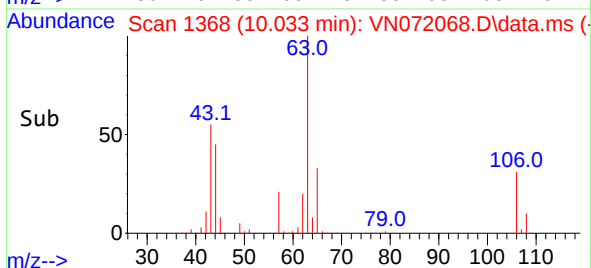
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

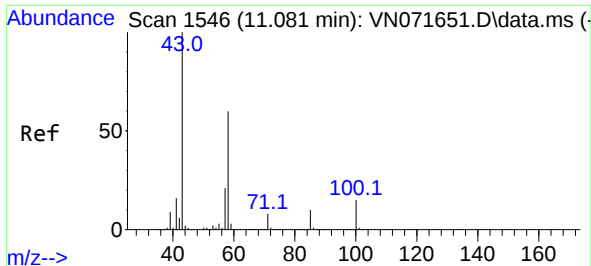


#58
2-Chloroethyl Vinyl ether
Concen: 297.597 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



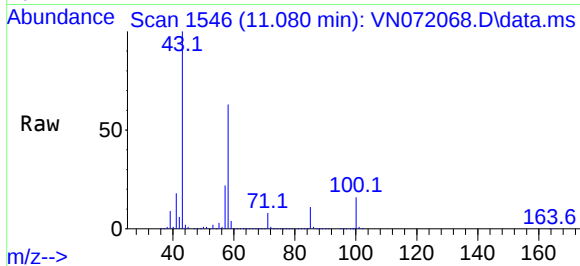
Tgt Ion: 63 Resp: 706820
Ion Ratio Lower Upper
63 100
106 30.8 24.6 36.8





#59
2-Hexanone
Concen: 288.707 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

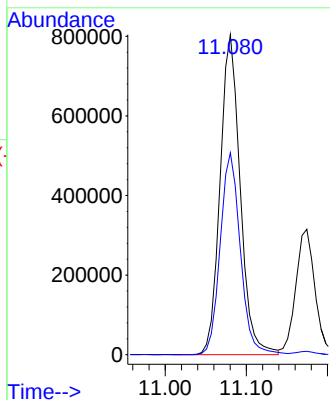
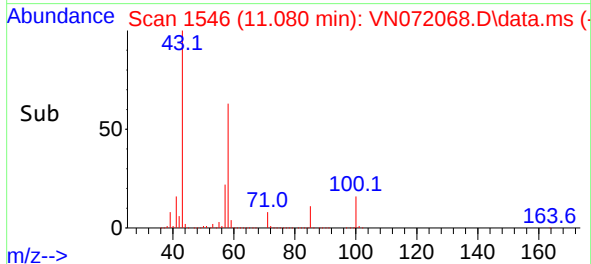
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1383910
Ion Ratio Lower Upper
43 100
58 63.3 29.7 89.1

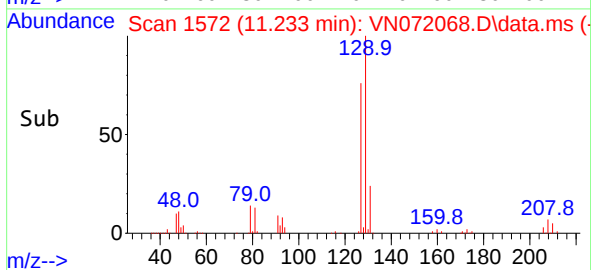
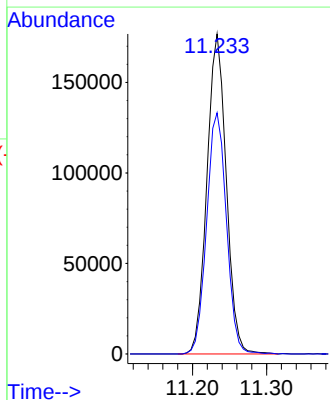
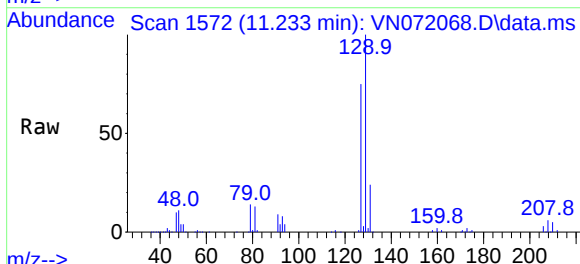
Manual Integrations
APPROVED

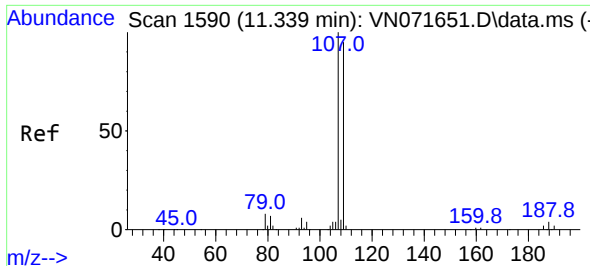
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#60
Dibromochloromethane
Concen: 61.399 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

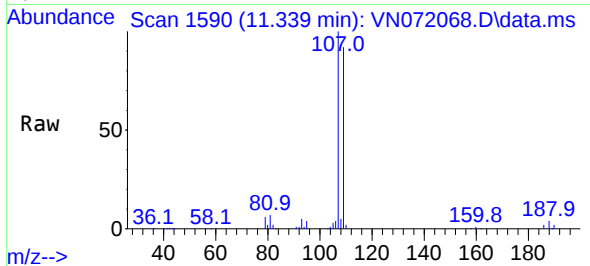
Tgt Ion:129 Resp: 320033
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 59.173 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

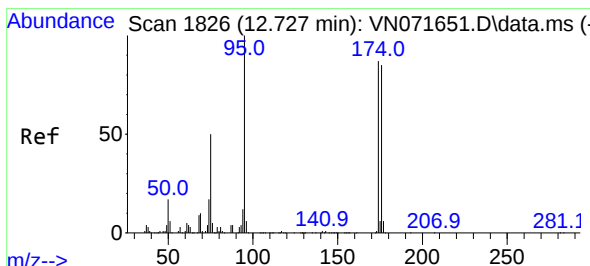
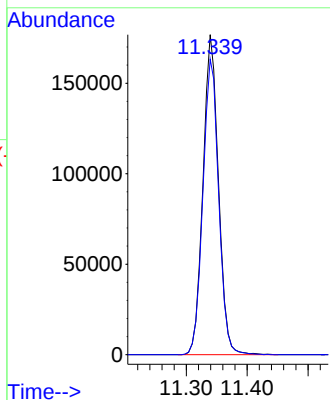
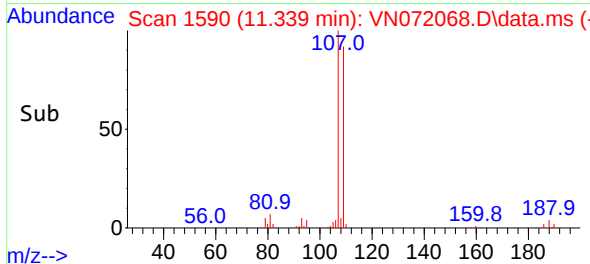
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



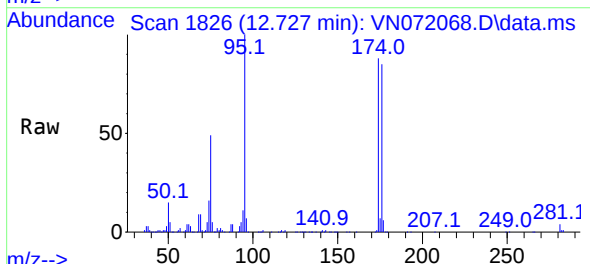
Tgt Ion:107 Resp: 311372
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6

Manual Integrations
APPROVED

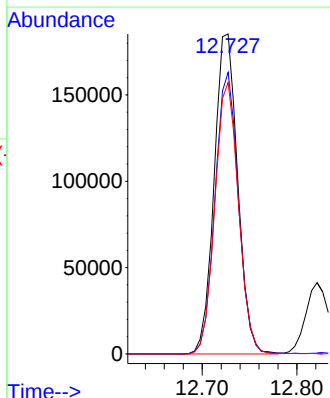
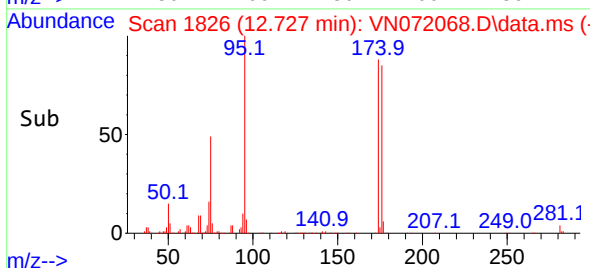
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

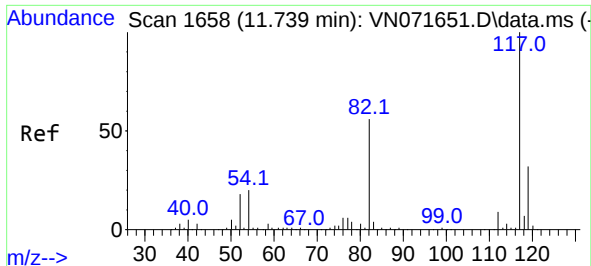


#62
4-Bromofluorobenzene
Concen: 51.859 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



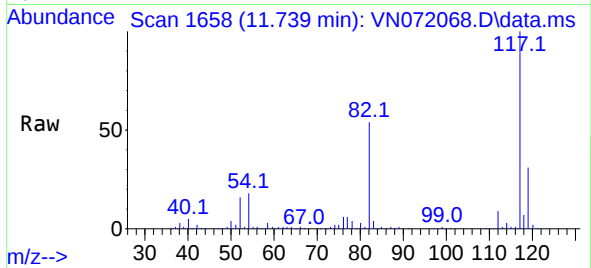
Tgt Ion: 95 Resp: 319583
Ion Ratio Lower Upper
95 100
174 87.3 0.0 167.6
176 84.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

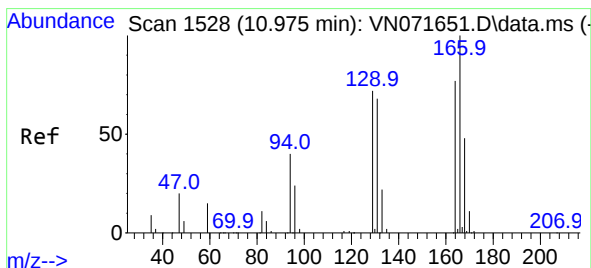
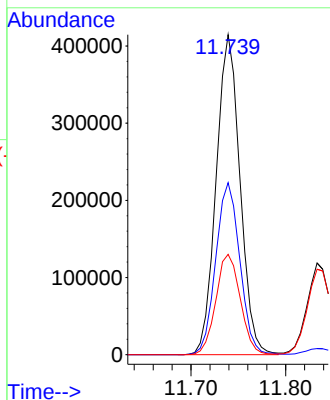
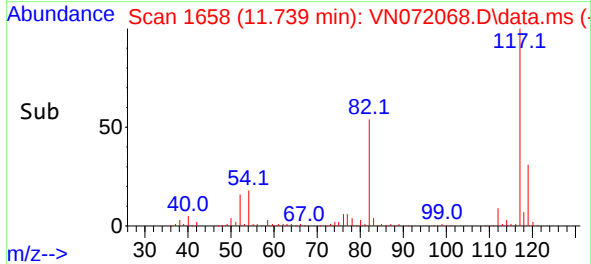
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



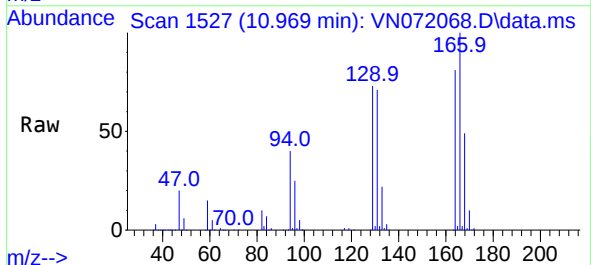
Tgt Ion:117 Resp: 72598
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.3 25.4 38.0

Manual Integrations
APPROVED

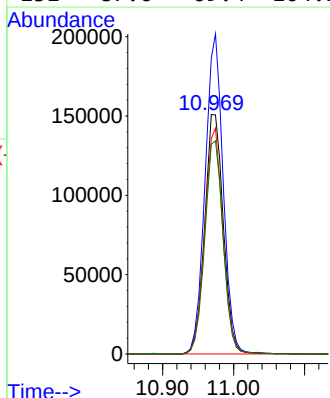
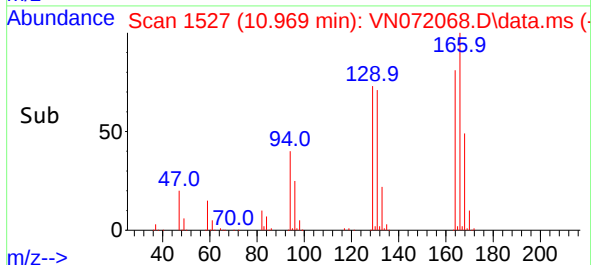
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

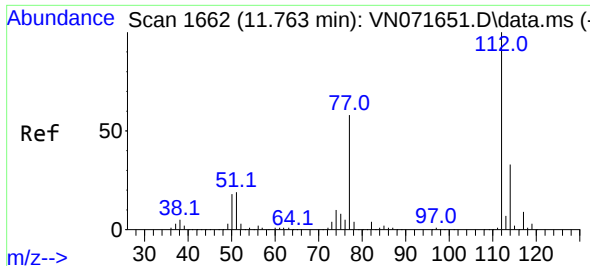


#64
Tetrachloroethene
Concen: 57.682 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



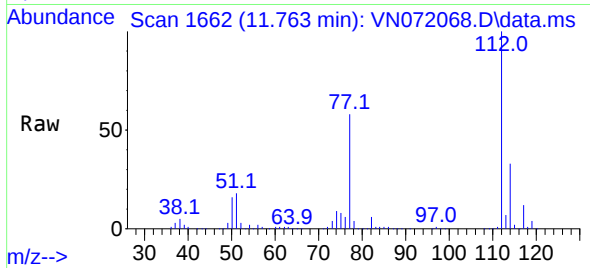
Tgt Ion:164 Resp: 276523
Ion Ratio Lower Upper
164 100
166 123.7 104.2 156.2
129 90.0 73.9 110.9
131 87.6 69.4 104.2





#65
Chlorobenzene
Concen: 56.744 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

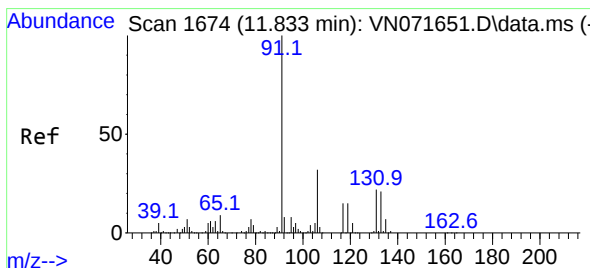
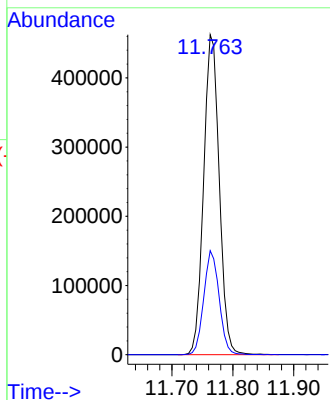
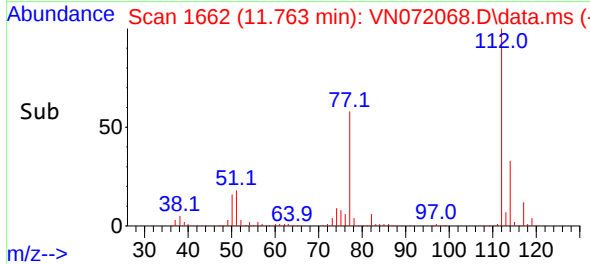
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 82487
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

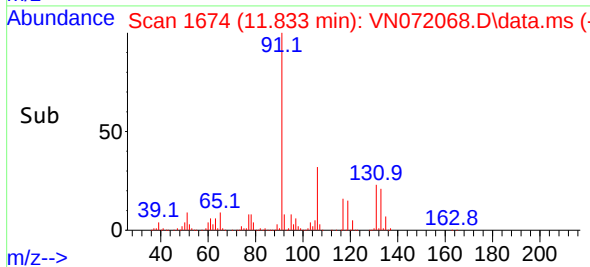
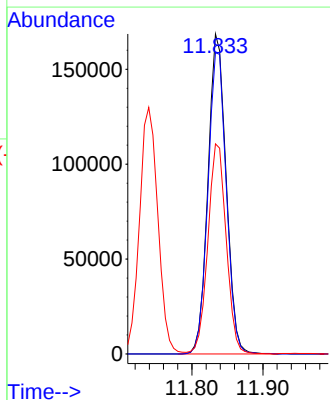
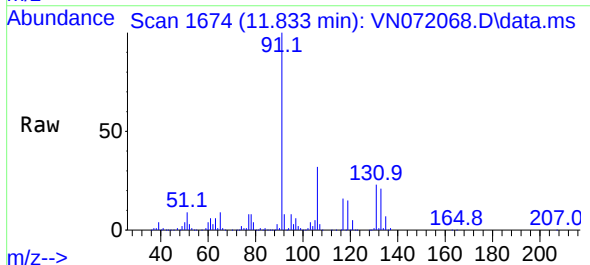
Manual Integrations
APPROVED

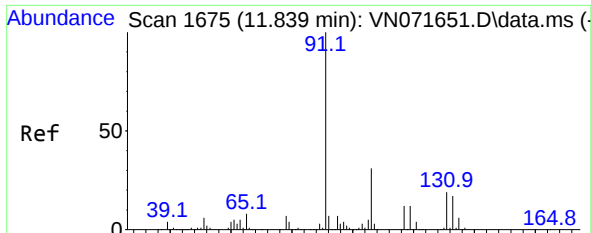
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.966 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

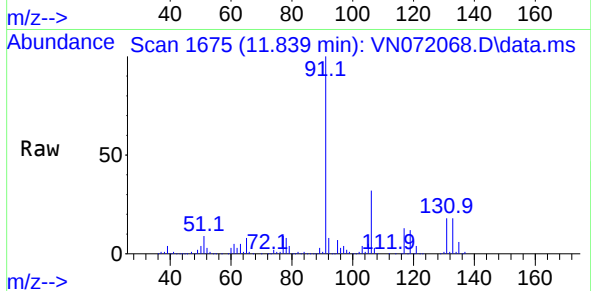
Tgt Ion:131 Resp: 298818
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 66.4 33.4 100.2





#67
Ethyl Benzene
Concen: 59.120 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

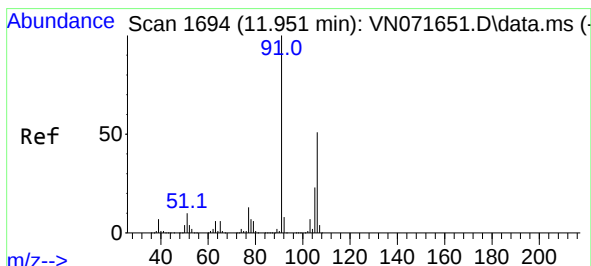
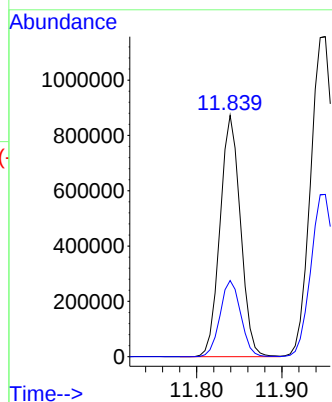
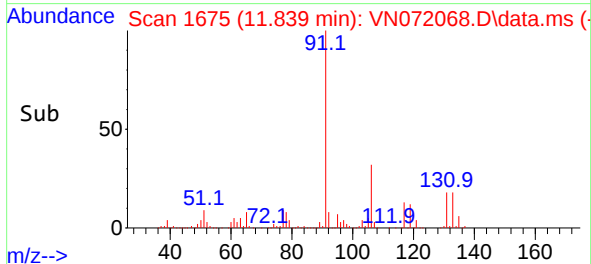
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



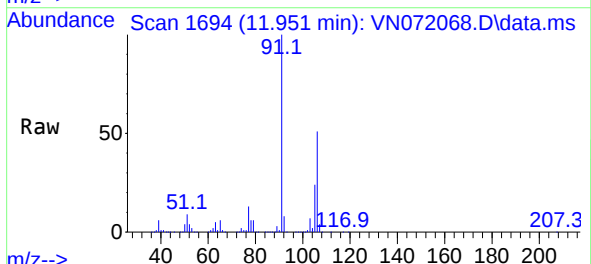
Tgt Ion: 91 Resp: 1454879
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

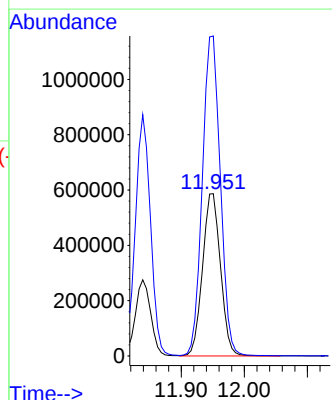
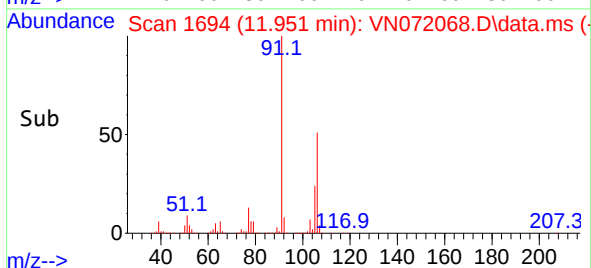
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

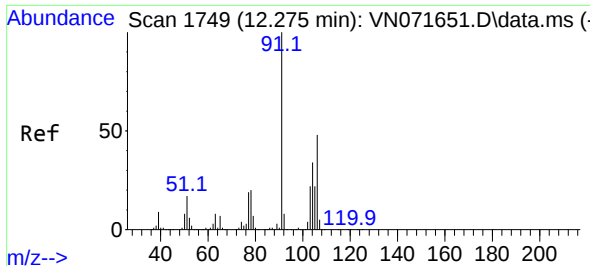


#68
m/p-Xylenes
Concen: 122.061 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



Tgt Ion:106 Resp: 1154117
Ion Ratio Lower Upper
106 100
91 198.0 158.9 238.3





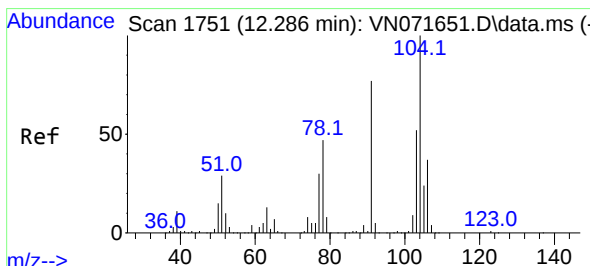
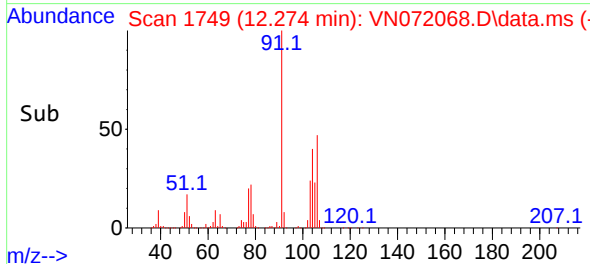
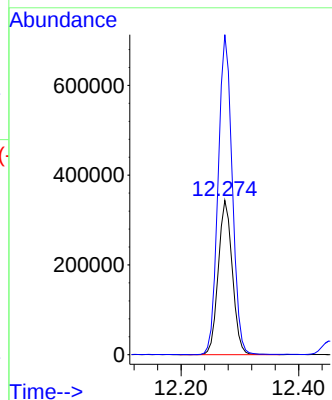
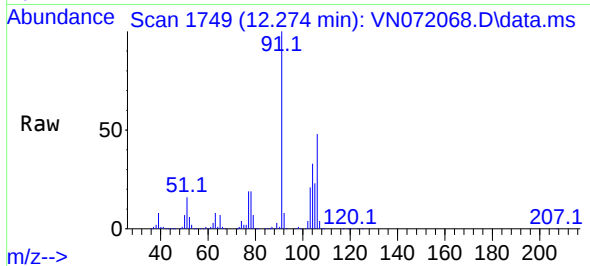
#69
o-Xylene
Concen: 60.793 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 570538
Ion Ratio Lower Upper
106 100
91 207.5 106.0 318.0

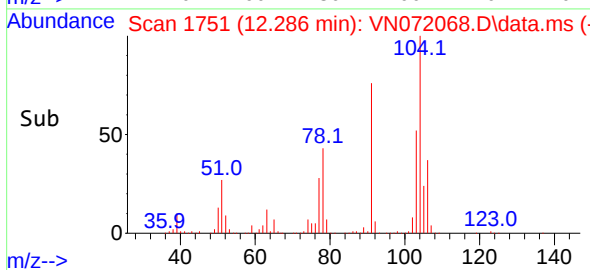
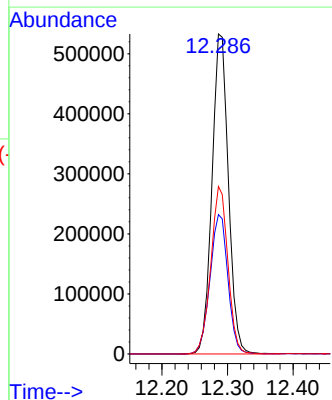
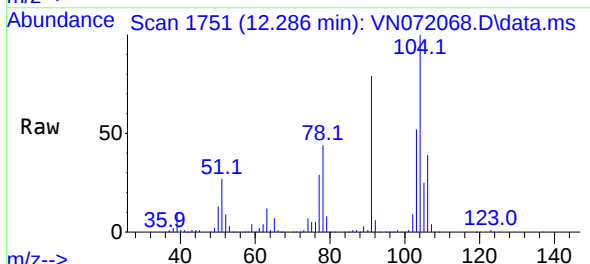
Manual Integrations
APPROVED

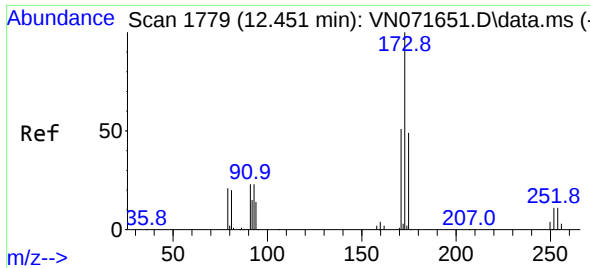
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#70
Styrene
Concen: 65.193 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

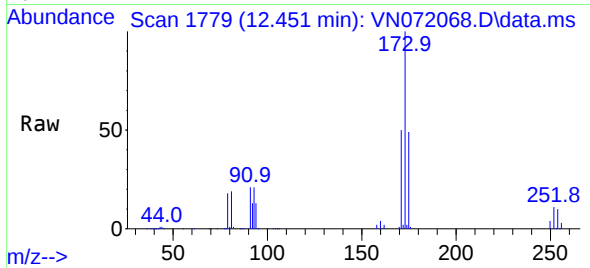
Tgt Ion:104 Resp: 927016
Ion Ratio Lower Upper
104 100
78 47.4 39.5 59.3
103 54.5 44.0 66.0





#71
Bromoform
Concen: 62.506 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

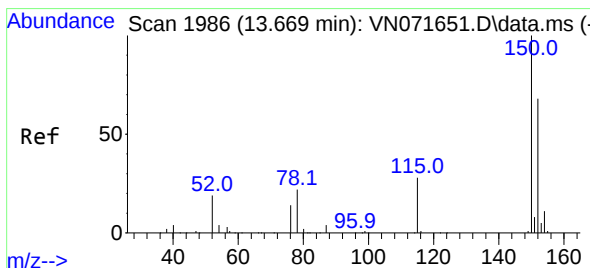
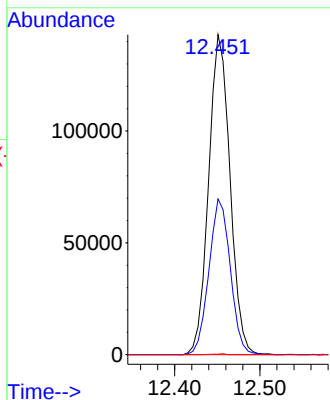
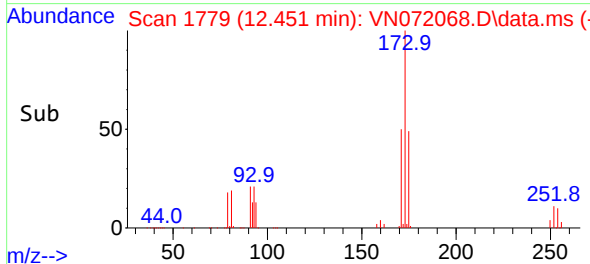
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



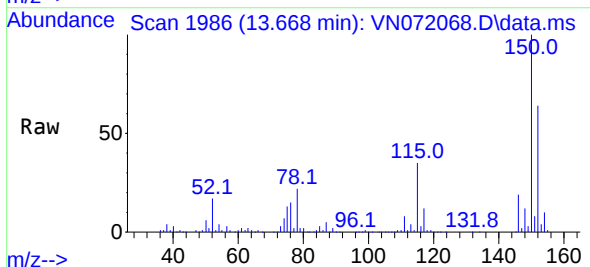
Tgt Ion:173 Resp: 249688
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

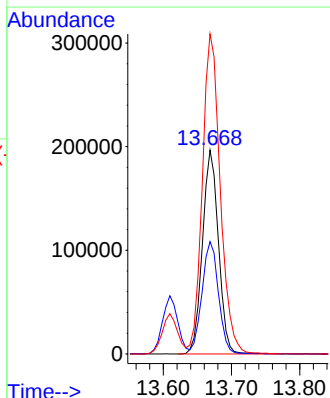
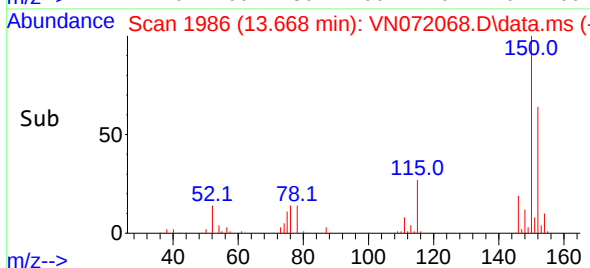
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

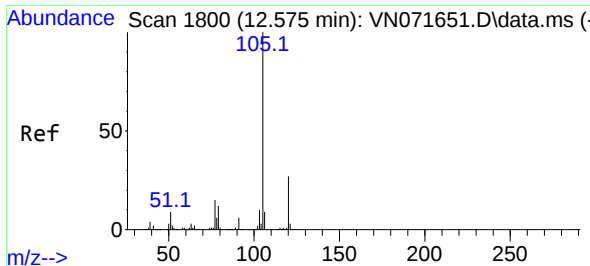


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



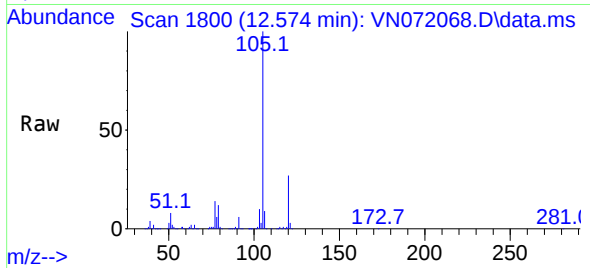
Tgt Ion:152 Resp: 321587
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 175.5 0.0 356.2





#73
Isopropylbenzene
Concen: 53.638 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

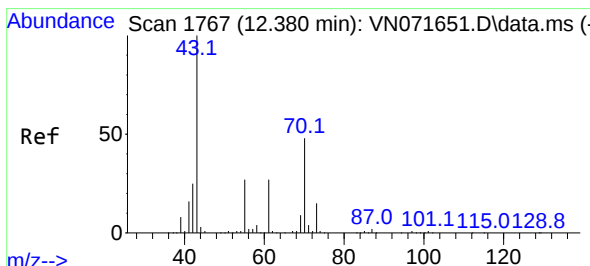
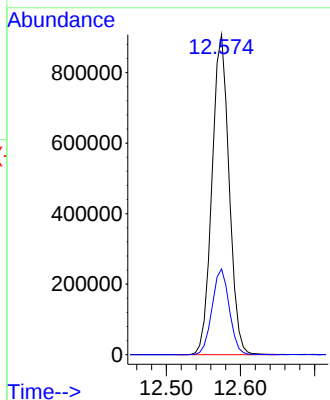
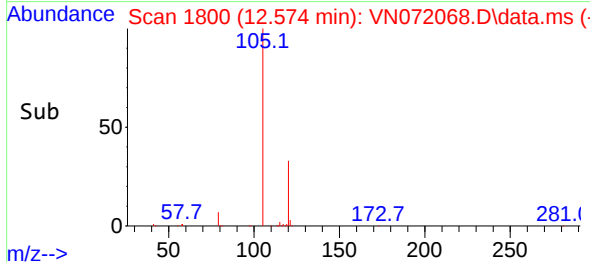
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



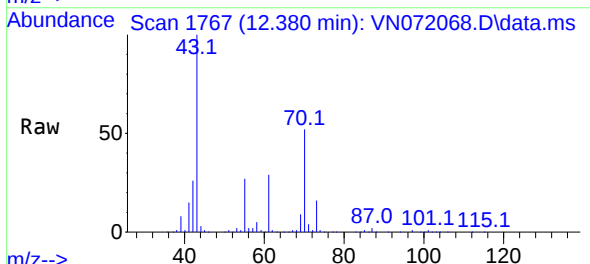
Tgt Ion:105 Resp: 1453562
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

Manual Integrations
APPROVED

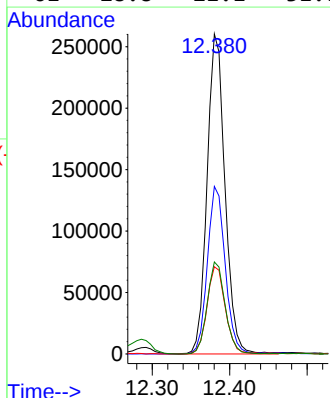
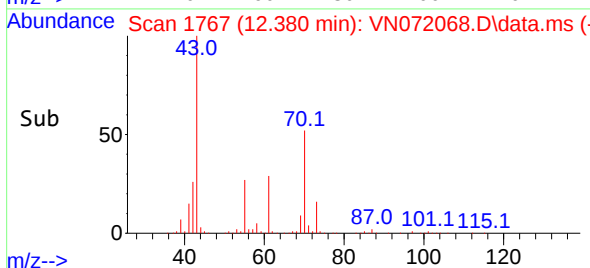
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

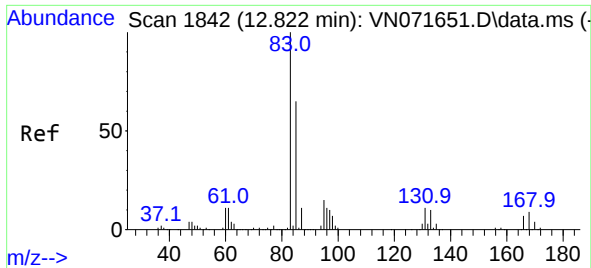


#74
N-ethyl acetate
Concen: 53.909 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



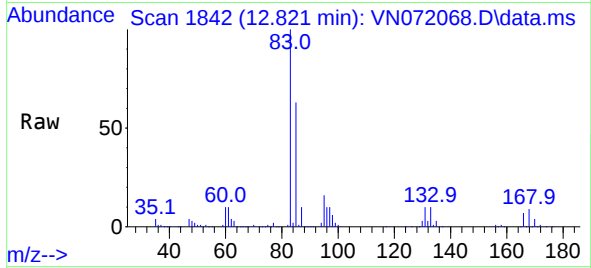
Tgt Ion: 43 Resp: 418575
Ion Ratio Lower Upper
43 100
70 52.3 39.0 58.4
55 28.1 21.1 31.7
61 28.8 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.443 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

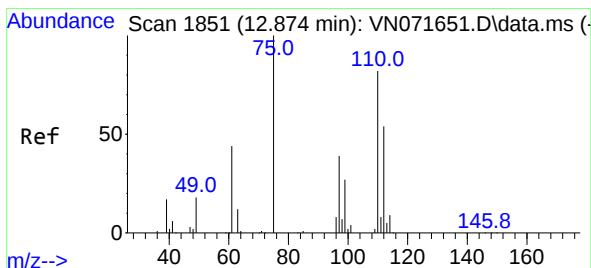
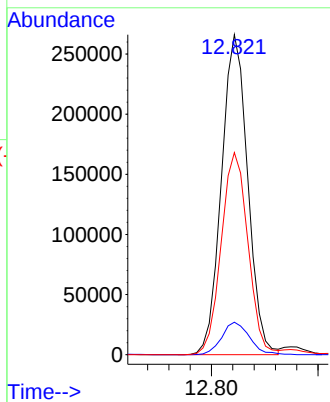
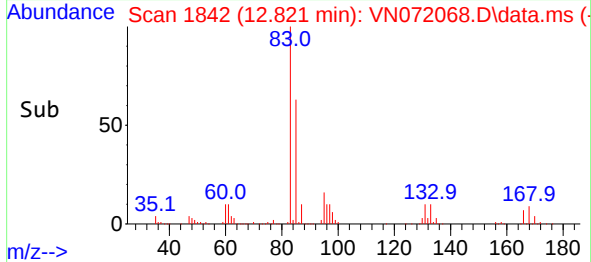
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



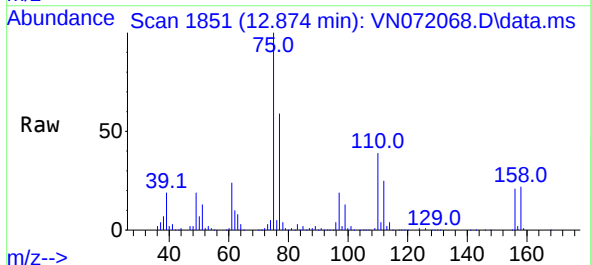
Tgt Ion: 83 Resp: 456098
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 64.2 32.3 96.9

Manual Integrations
APPROVED

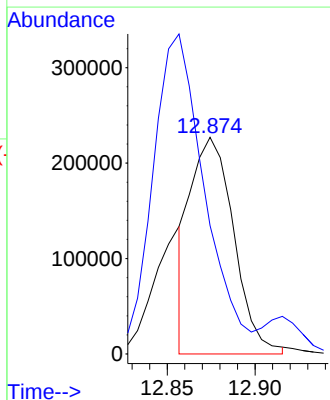
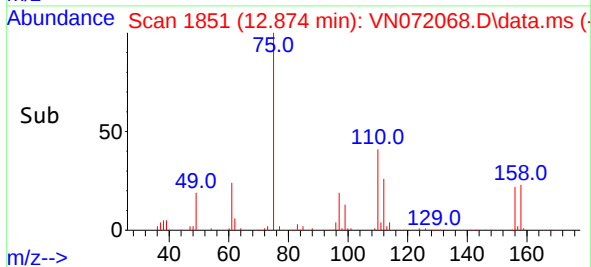
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

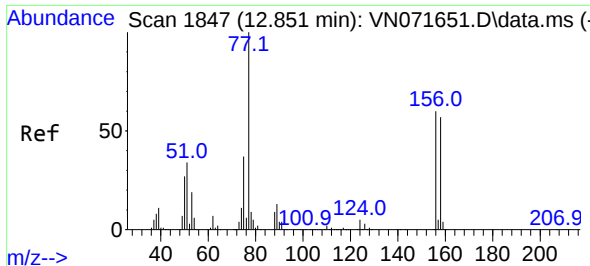


#76
1,2,3-Trichloropropane
Concen: 52.183 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



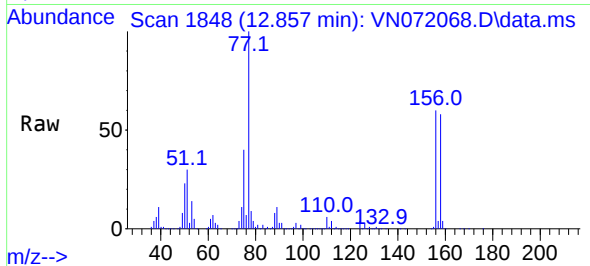
Tgt Ion: 75 Resp: 388754
Ion Ratio Lower Upper
75 100
77 176.8 98.5 295.5





#77
Bromobenzene
Concen: 52.665 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

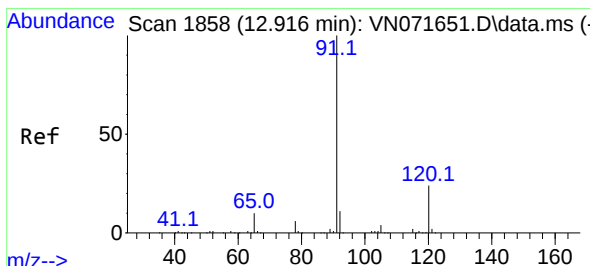
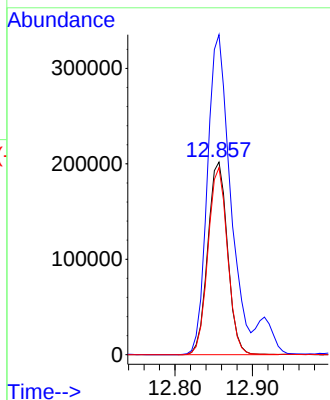
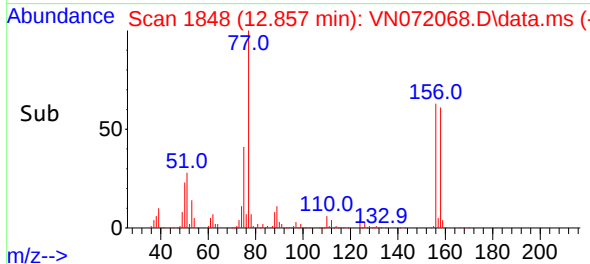
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



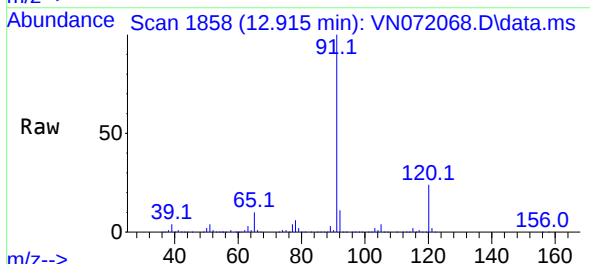
Tgt Ion:156 Resp: 357775
Ion Ratio Lower Upper
156 100
77 192.1 100.5 301.5
158 96.2 48.9 146.6

Manual Integrations
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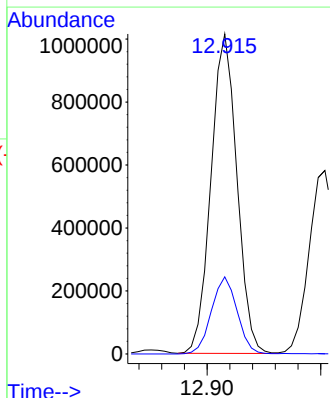
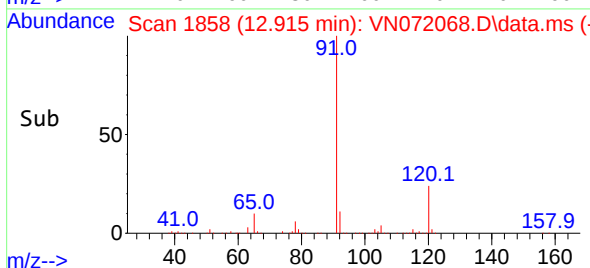
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

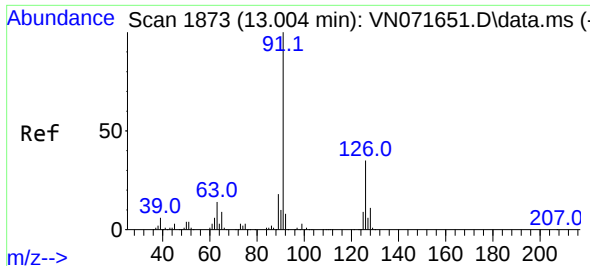


#78
n-propylbenzene
Concen: 56.428 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



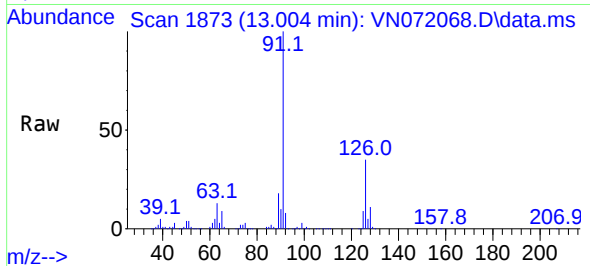
Tgt Ion: 91 Resp: 1608524
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 53.854 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

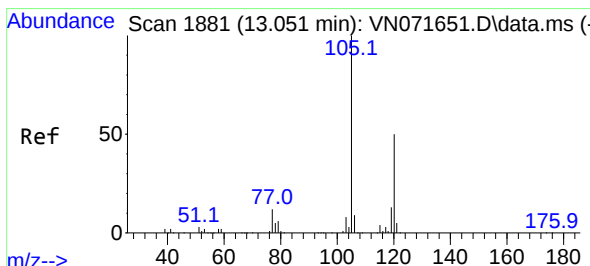
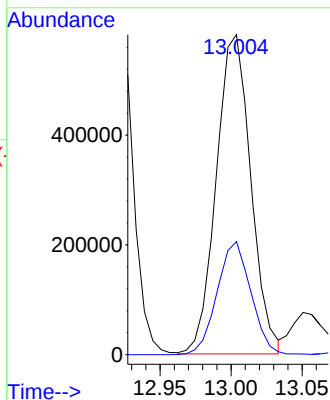
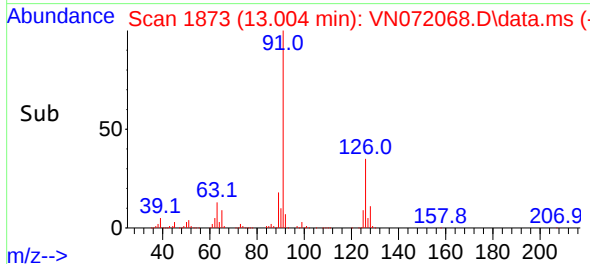
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



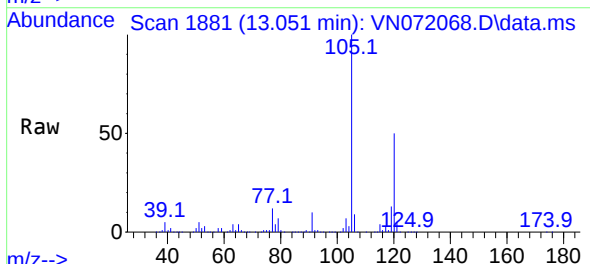
Tgt Ion: 91 Resp: 98452
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

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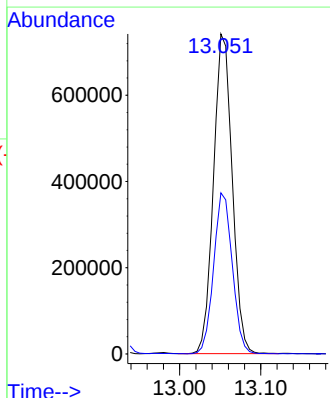
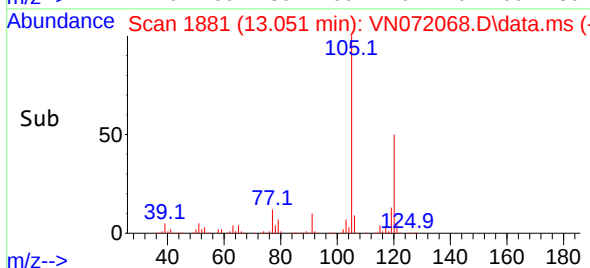
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

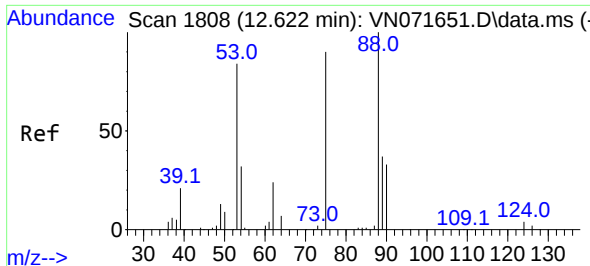


#80
1,3,5-Trimethylbenzene
Concen: 55.361 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



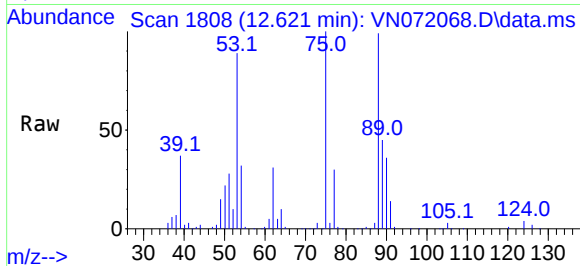
Tgt Ion:105 Resp: 1188663
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.779 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

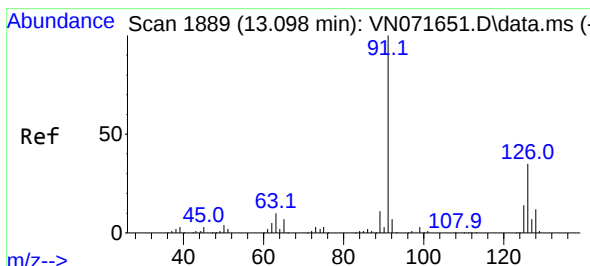
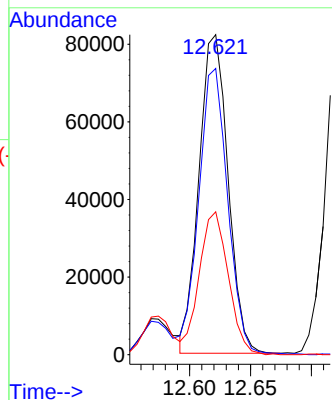
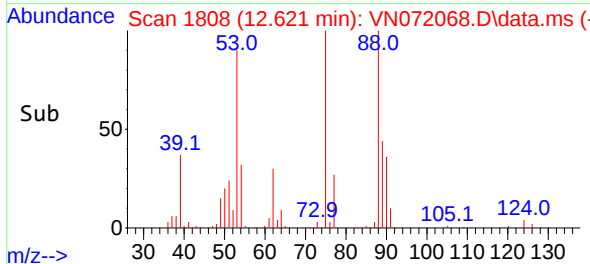
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



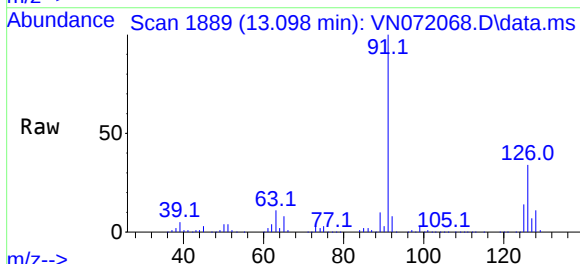
Tgt Ion: 75 Resp: 136490
Ion Ratio Lower Upper
75 100
53 91.1 78.0 117.0
89 45.0 37.2 55.8

Manual Integrations
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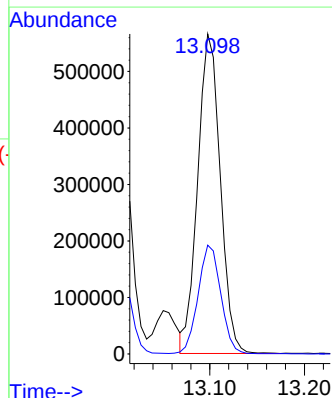
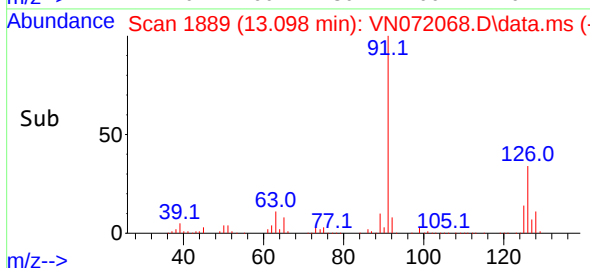
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

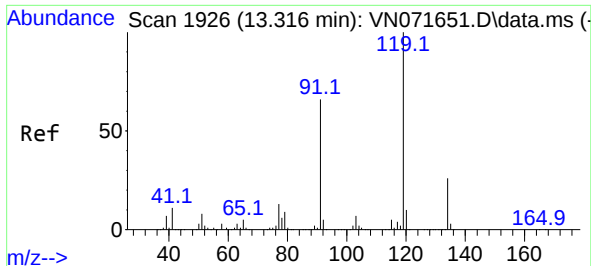


#82
4-Chlorotoluene
Concen: 55.294 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



Tgt Ion: 91 Resp: 936968
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





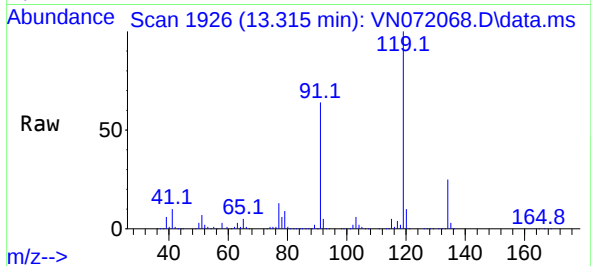
#83
tert-Butylbenzene
Concen: 54.583 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



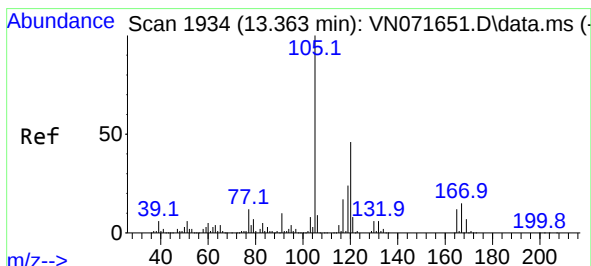
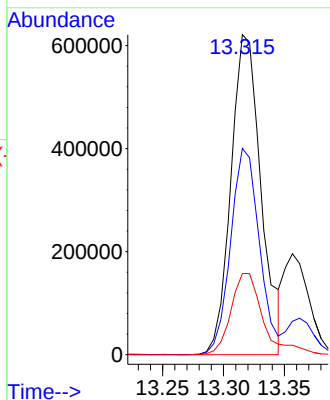
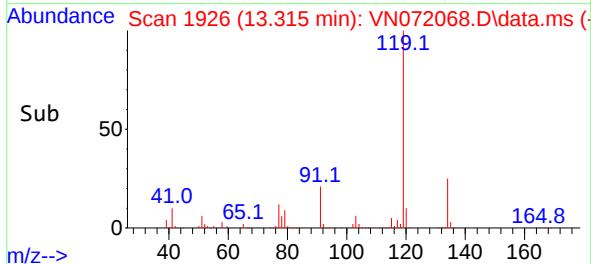
Tgt Ion:119 Resp: 1071300
Ion Ratio Lower Upper
119 100
91 61.2 31.6 94.8
134 27.1 13.7 41.1

Manual Integrations

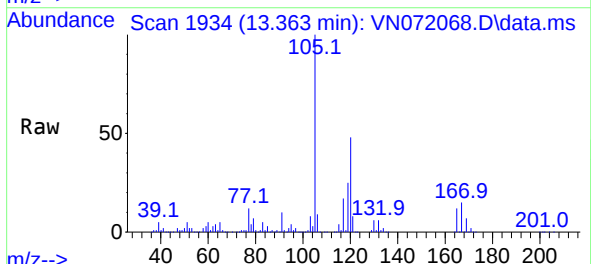
APPROVED

Reviewed By :John Carlone 04/21/2022

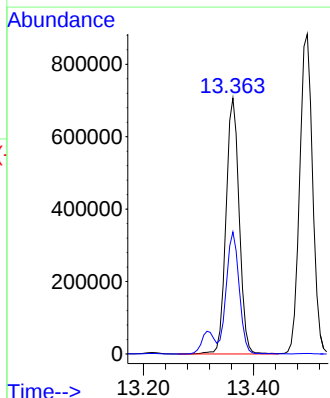
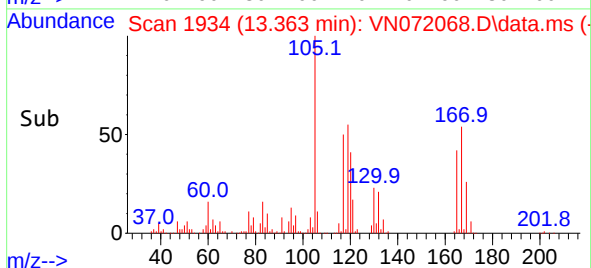
Supervised By :Mahesh Dadoda 04/21/2022

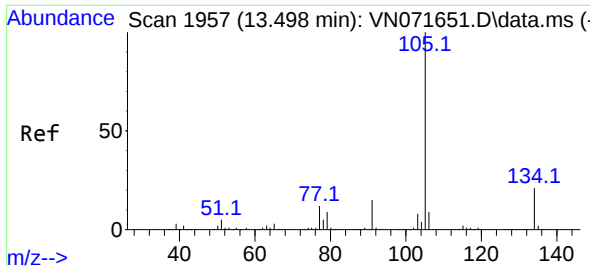


#84
1,2,4-Trimethylbenzene
Concen: 56.118 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



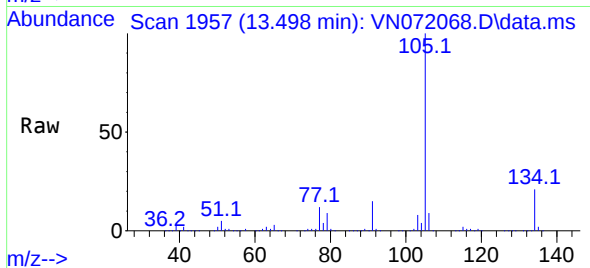
Tgt Ion:105 Resp: 1175637
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 56.588 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072068.D
 Acq: 20 Apr 2022 10:21

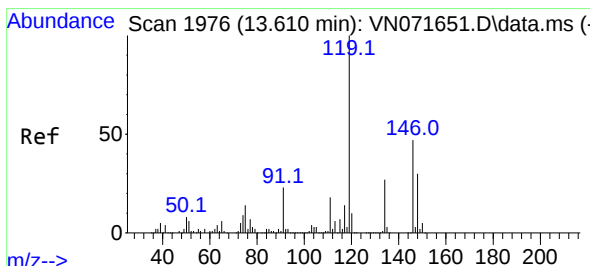
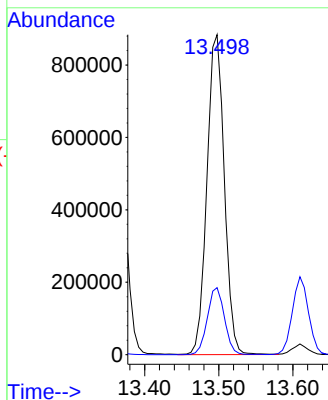
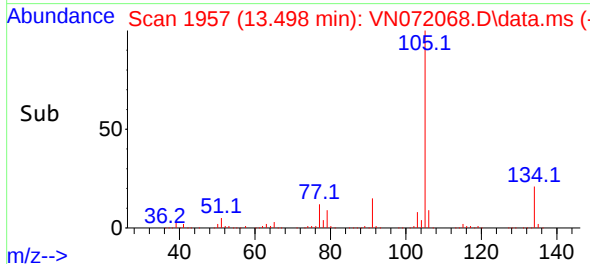
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



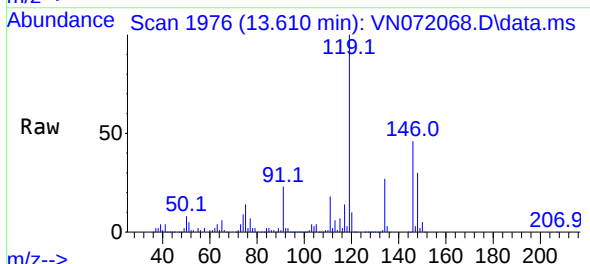
Tgt Ion:105 Resp: 143976
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations
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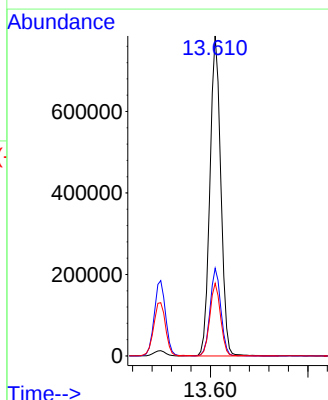
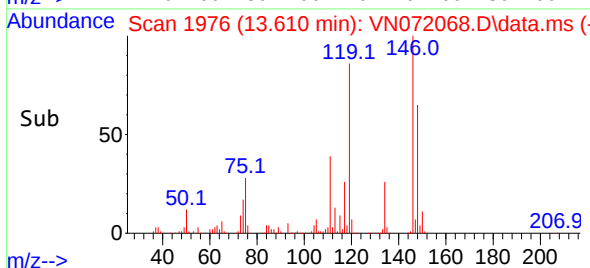
Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

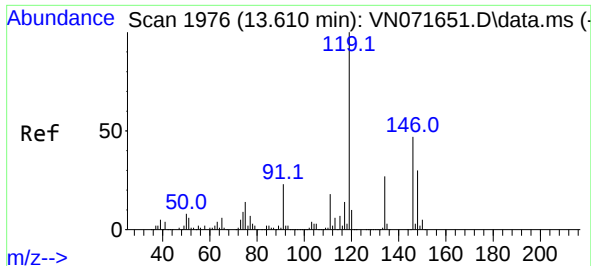


#86
 p-Isopropyltoluene
 Concen: 59.672 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072068.D
 Acq: 20 Apr 2022 10:21



Tgt Ion:119 Resp: 1210540
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 22.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 55.879 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072068.D

Acq: 20 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 604764

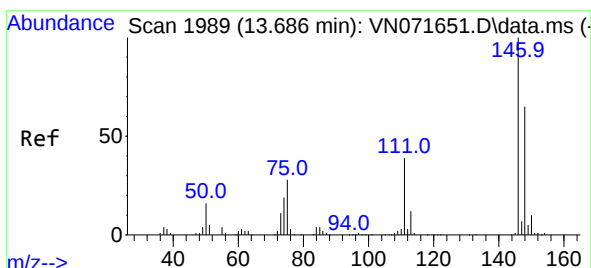
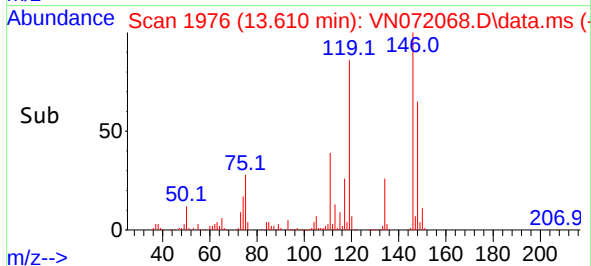
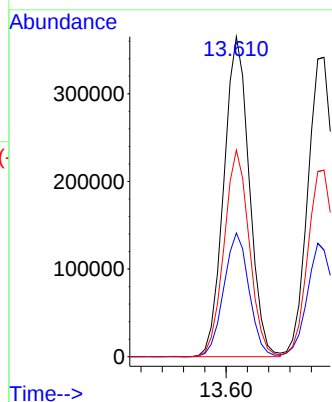
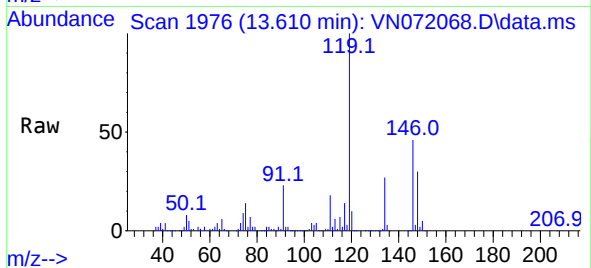
Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.0	60.0
148	64.0	32.0	96.0

Manual Integrations

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Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#88

1,4-Dichlorobenzene

Concen: 55.754 ug/l

RT: 13.692 min Scan# 1990

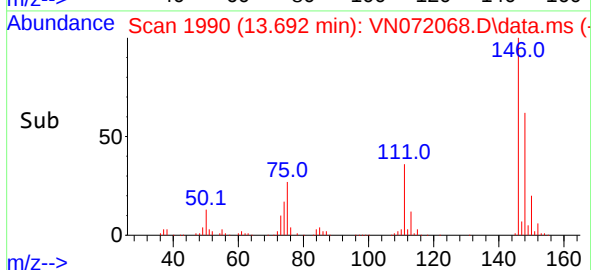
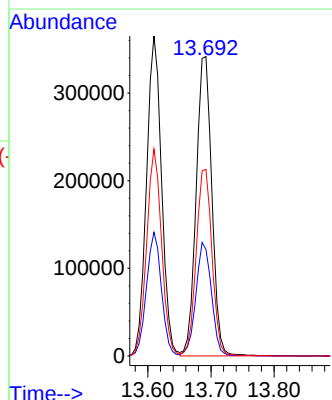
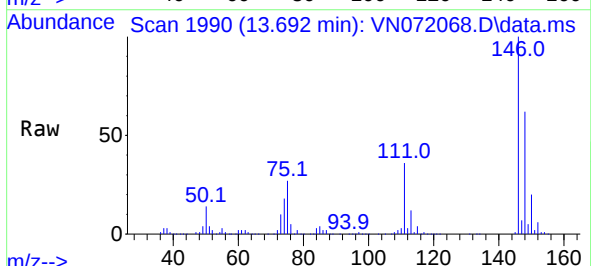
Delta R.T. 0.006 min

Lab File: VN072068.D

Acq: 20 Apr 2022 10:21

Tgt Ion:146 Resp: 588685

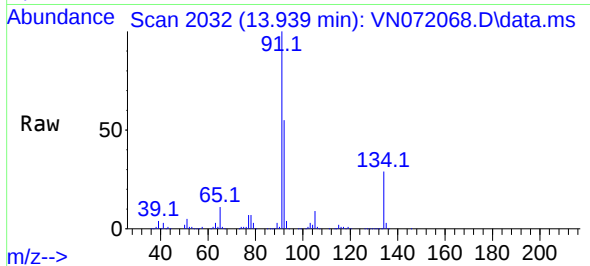
Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.0	31.4	94.3





#89
n-Butylbenzene
Concen: 57.977 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

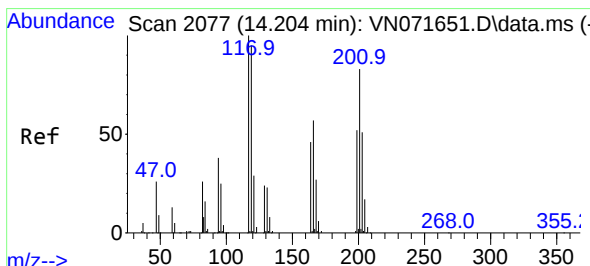
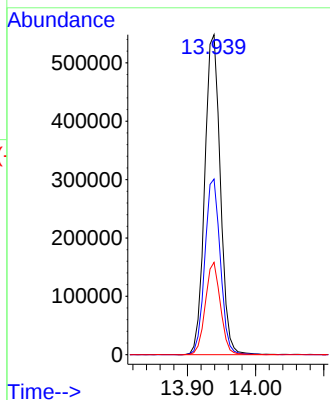
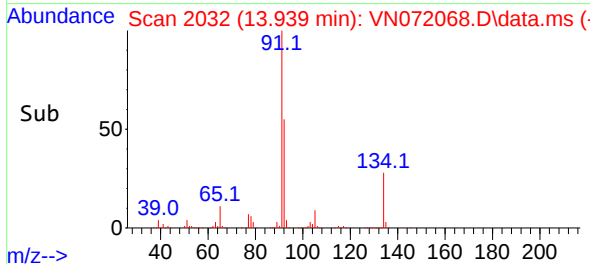
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 87233
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 28.0 13.6 40.8

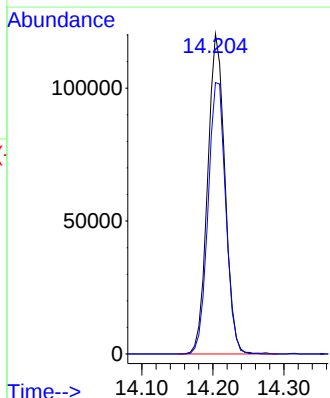
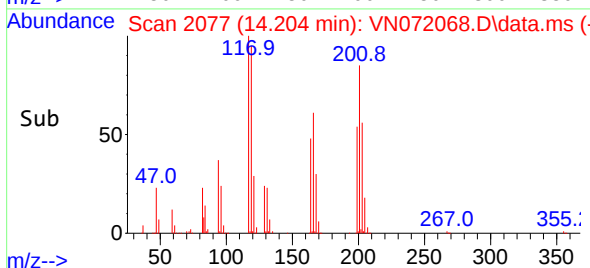
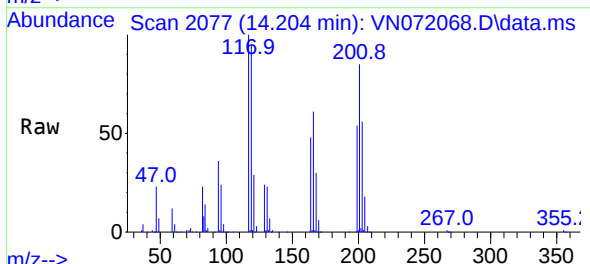
Manual Integrations
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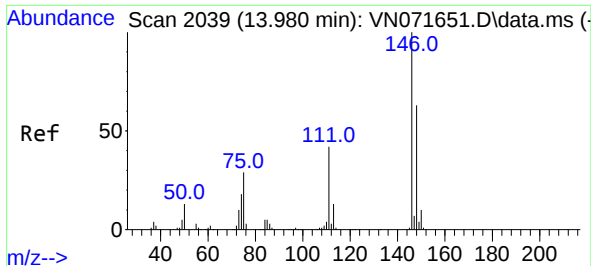
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#90
Hexachloroethane
Concen: 54.844 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Tgt Ion:117 Resp: 203665
Ion Ratio Lower Upper
117 100
201 86.5 40.6 122.0





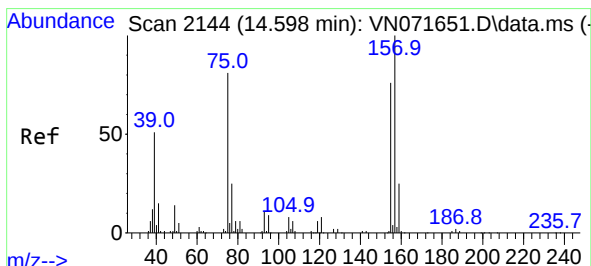
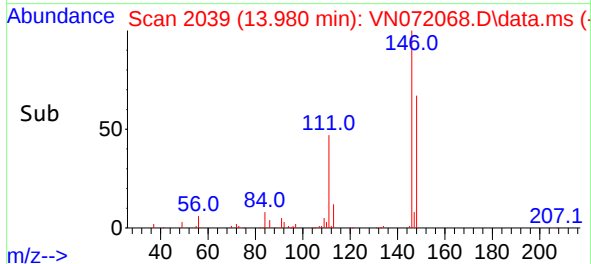
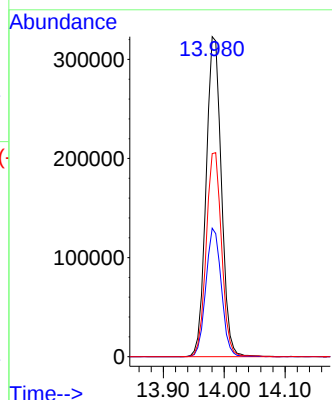
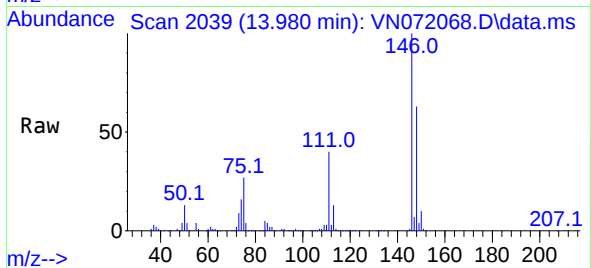
#91
1,2-Dichlorobenzene
Concen: 53.107 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 56426
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 64.2 32.1 96.3

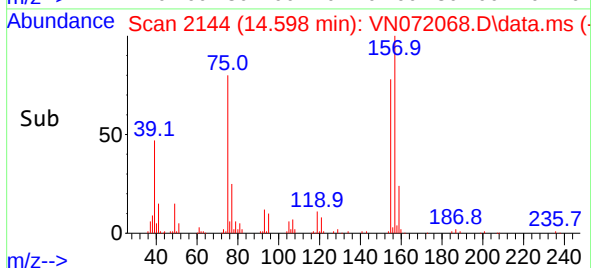
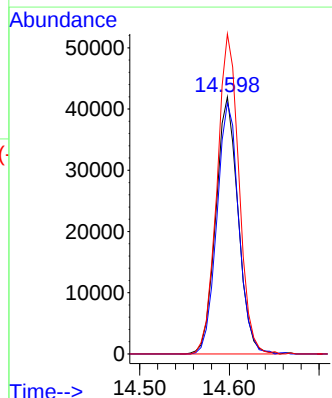
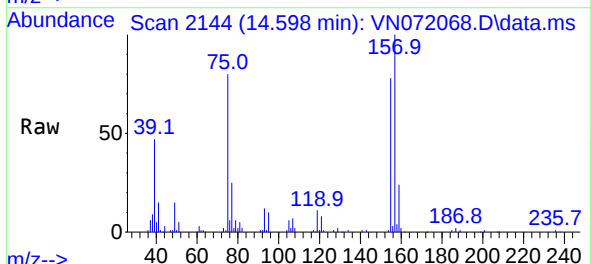
Manual Integrations
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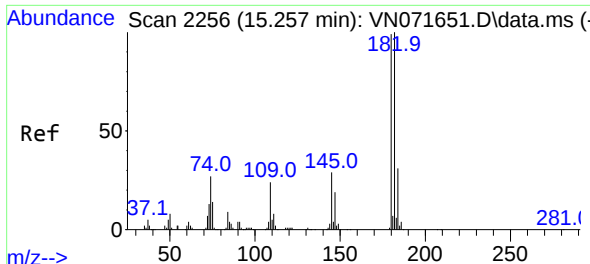
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.544 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

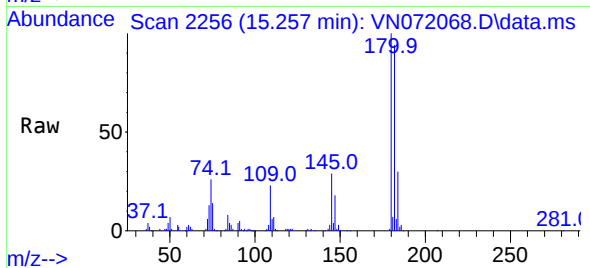
Tgt Ion: 75 Resp: 72290
Ion Ratio Lower Upper
75 100
155 95.9 44.9 134.5
157 122.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 54.430 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

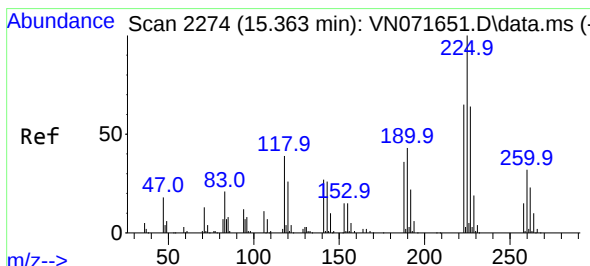
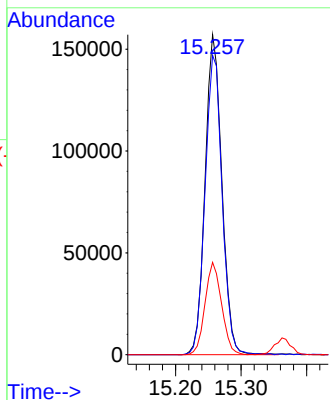
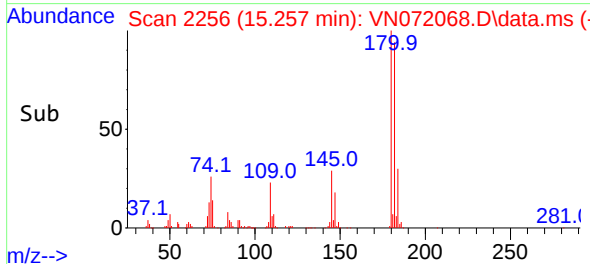
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



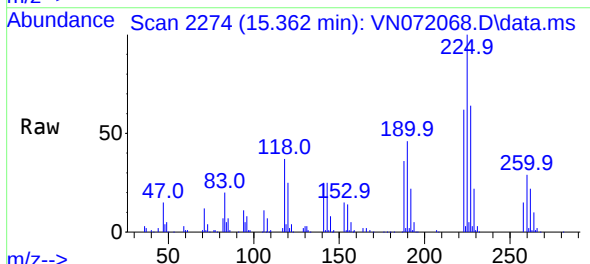
Tgt Ion:180 Resp: 279564
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 28.5 14.5 43.5

Manual Integrations
APPROVED

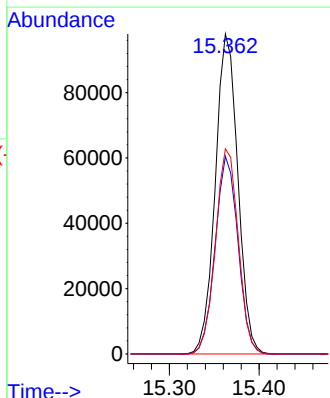
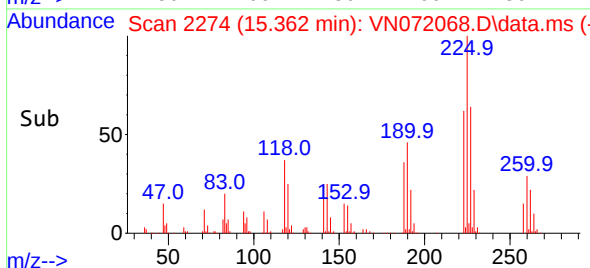
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

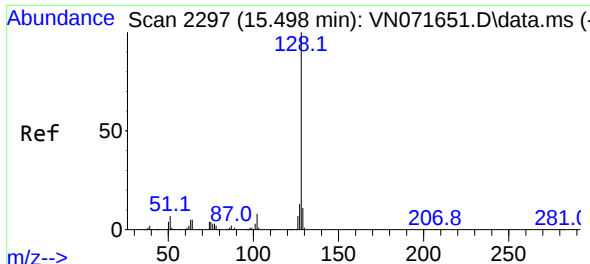


#94
Hexachlorobutadiene
Concen: 54.574 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



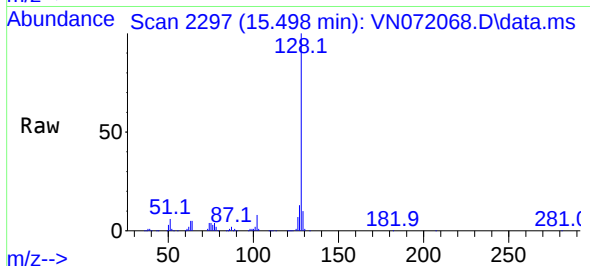
Tgt Ion:225 Resp: 171017
Ion Ratio Lower Upper
225 100
223 62.5 32.4 97.2
227 64.7 31.8 95.4





#95
Naphthalene
Concen: 51.603 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21

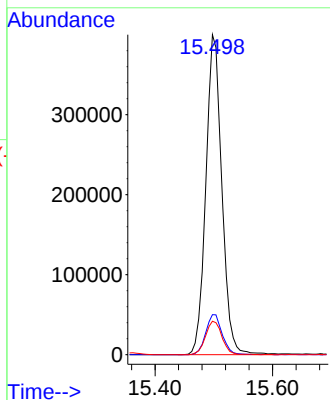
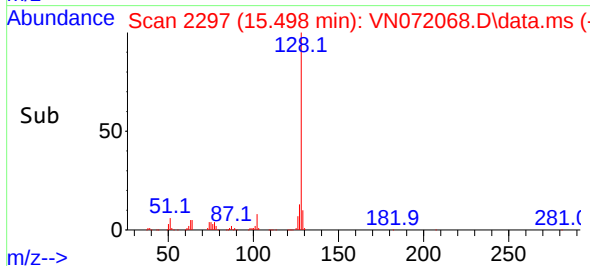
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



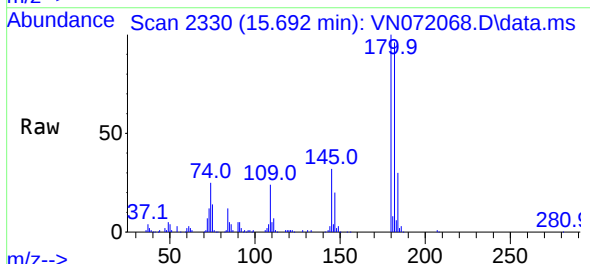
Tgt Ion:128 Resp: 757622
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.056 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072068.D
Acq: 20 Apr 2022 10:21



Tgt Ion:180 Resp: 269022
Ion Ratio Lower Upper
180 100
182 96.6 47.8 143.3
145 30.7 15.5 46.5

