

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072498.D
 Acq On : 16 May 2022 13:28
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 16 13:44:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 16 13:19:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	26915	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	147653	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	139980	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	90151	36.900	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 123.000%#			
60) 4-Bromofluorobenzene	12.727	95	86346	37.321	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 124.400%#			
63) Toluene-d8	10.439	98	230205	33.496	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 111.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	212800	129.275	ug/l	97
3) Chloromethane	2.299	50	190198	106.969	ug/l	98
4) Vinyl Chloride	2.440	62	160162	86.071	ug/l	99
5) Bromomethane	2.816	94	143857	129.812	ug/l	99
6) Chloroethane	2.981	64	102403	86.599	ug/l	98
7) Trichlorofluoromethane	3.357	101	378619	135.077	ug/l	95
8) Diethyl Ether	3.822	74	114138	111.666	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	181712	119.724	ug/l #	68
10) 1,1-Dichloroethene	4.175	96	167652	116.852	ug/l	93
11) Methyl Iodide	4.416	142	262204	124.472	ug/l	94
12) Methyl Acetate	4.851	43	260782	120.185	ug/l	96
13) Acrolein	4.034	56	211122	787.278	ug/l	97
14) Acrylonitrile	5.546	53	561636	600.440	ug/l	100
15) Acetone	4.287	58	147076	566.258	ug/l	81
16) Carbon Disulfide	4.528	76	435809	115.753	ug/l	98
17) Allyl chloride	4.840	41	304787	126.035	ug/l	92
18) Methylene Chloride	5.093	84	194333	111.968	ug/l	95
19) trans-1,2-Dichloroethene	5.593	96	179886	115.482	ug/l	91
20) Diisopropyl ether	6.493	45	621799	123.242	ug/l	97
21) 1,1-Dichloroethane	6.387	63	366088	119.812	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	216249	116.037	ug/l	95
23) tert-Butyl Alcohol	5.375	59	247065	682.923	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	703918	129.286	ug/l	98
25) Chloroform	7.810	83	398463	126.238	ug/l	98
26) Cyclohexane	8.092	56	314452	122.222	ug/l #	98
29) 1,1-Dichloropropene	8.216	75	285367	126.452	ug/l	96
30) 2-Butanone	7.328	43	799375	619.906	ug/l	97
31) 2,2-Dichloropropane	7.322	77	354400	134.227	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	395019	138.548	ug/l	100
33) Carbon Tetrachloride	8.204	117	356276	142.409	ug/l	99
34) Benzene	8.457	78	784609	114.271	ug/l	98
35) Methacrylonitrile	7.634	41	175174	139.277	ug/l	92
36) 1,2-Dichloroethane	8.522	62	358568	133.131	ug/l	98
37) Trichloroethene	9.210	130	211133	116.895	ug/l	93
38) Methylcyclohexane	9.457	83	338522	122.429	ug/l	94
39) 1,2-Dichloropropane	9.486	63	197074	113.684	ug/l	97
40) Dibromomethane	9.575	93	153317	124.943	ug/l	91
41) Bromodichloromethane	9.757	83	332793	134.042	ug/l	91
42) Vinyl Acetate	6.428	43	2829203	643.459	ug/l	99

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Instrument :
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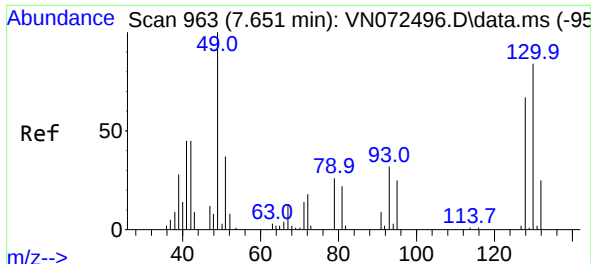
Manual Integrations
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 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 16 13:44:14 2022
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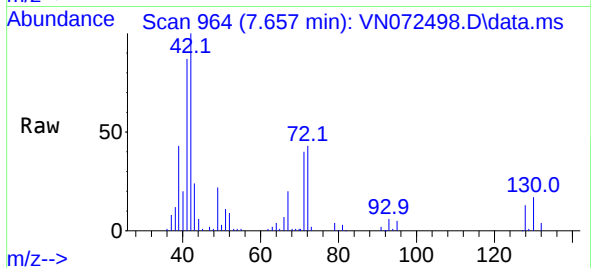
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	318935	129.733	ug/l	96
44) Isopropyl Acetate	8.557	43	508598	125.838	ug/l	99
45) 1,4-Dioxane	9.563	88	97905	2467.101	ug/l	94
46) Methyl methacrylate	9.557	41	241106	136.184	ug/l	88
47) n-amyl Acetate	12.386	43	374314	142.169	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	359632	135.370	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	353874	124.633	ug/l	98
50) 1,1,2-Trichloroethane	10.892	97	210125	119.313	ug/l	98
51) Ethyl methacrylate	10.757	69	348798	127.847	ug/l	91
52) 1,3-Dichloropropane	11.039	76	365787	120.751	ug/l	99
53) Dibromochloromethane	11.233	129	259866	133.037	ug/l	99
54) 1,2-Dibromoethane	11.339	107	227451	124.566	ug/l	95
55) 2-Chloroethyl vinyl ether	10.039	63	460856	667.975	ug/l	99
56) Bromoform	12.457	173	199818	136.776	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	1604715	632.501	ug/l	98
59) 2-Hexanone	11.080	43	1198273	644.703	ug/l	99
61) Tetrachloroethene	10.975	164	197312	120.818	ug/l	93
62) Toluene	10.504	91	912415	117.352	ug/l	97
64) Chlorobenzene	11.769	112	575974	119.939	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	235938	126.517	ug/l	98
66) Ethyl Benzene	11.839	91	1066631	124.513	ug/l	100
67) m/p-Xylenes	11.951	106	808210	245.621	ug/l	94
68) o-Xylene	12.274	106	402142	122.580	ug/l	95
69) Styrene	12.292	104	658398	127.495	ug/l	96
70) Isopropylbenzene	12.574	105	1086515	130.225	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.822	83	317120	118.612	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	265313m	111.966	ug/l	
73) Bromobenzene	12.857	156	255341	125.687	ug/l	99
74) n-propylbenzene	12.916	91	1224099	135.500	ug/l	100
75) 2-Chlorotoluene	13.004	91	752122	129.527	ug/l	97
76) 1,3,5-Trimethylbenzene	13.057	105	934237	136.958	ug/l	100
77) t-1,4-Dichloro-2-butene	12.622	75	107242	135.743	ug/l	97
78) 4-Chlorotoluene	13.104	91	729635	135.806	ug/l	95
79) tert-butylbenzene	13.321	119	817656	134.093	ug/l	100
80) 1,2,4-Trimethylbenzene	13.363	105	910521m	137.175	ug/l	
81) sec-Butylbenzene	13.498	105	1106717	136.206	ug/l	99
82) p-Isopropyltoluene	13.610	119	939666	141.309	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	449218	134.258	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	441680	137.414	ug/l	98
85) n-Butylbenzene	13.939	91	720986	148.701	ug/l	96
86) Hexachloroethane	14.204	117	166473	136.810	ug/l	86
87) 1,2-Dichlorobenzene	13.986	146	431280	132.712	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.598	75	78456	149.794	ug/l	98
89) 1,2,4-Trichlorobenzene	15.257	180	220396	151.720	ug/l	97
90) Hexachlorobutadiene	15.363	225	113973	126.096	ug/l	98
91) Naphthalene	15.504	128	712667	174.511	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	222211	152.972	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

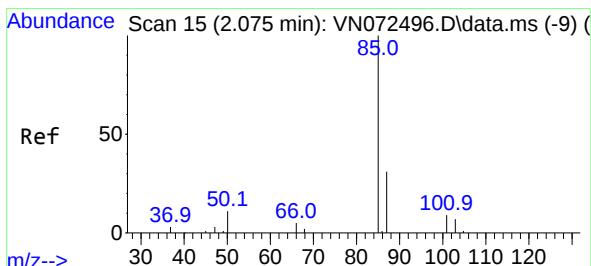
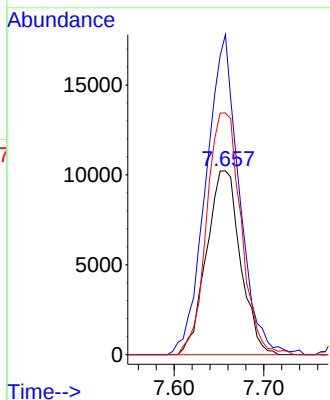
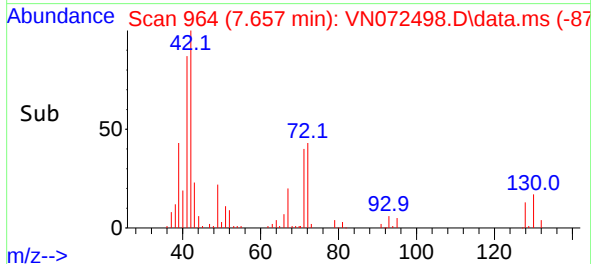
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



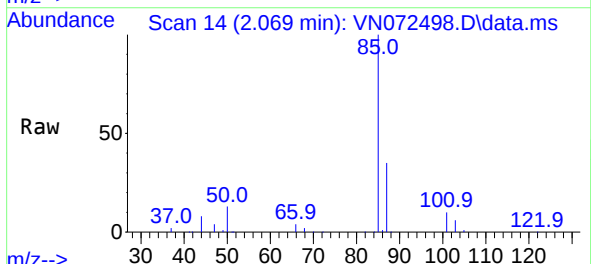
Tgt Ion:128 Resp: 26915
Ion Ratio Lower Upper
128 100
49 169.9 0.0 392.3
130 132.0 0.0 320.2

Manual Integrations
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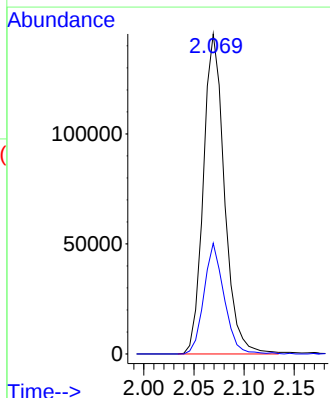
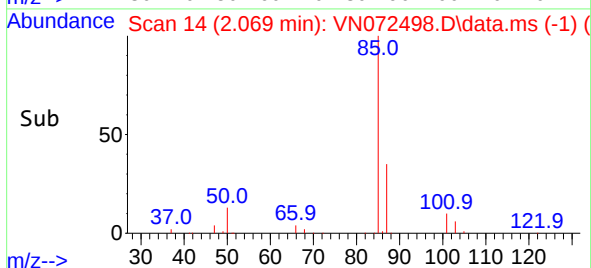
Reviewed By :John Carlone 05/17/2022
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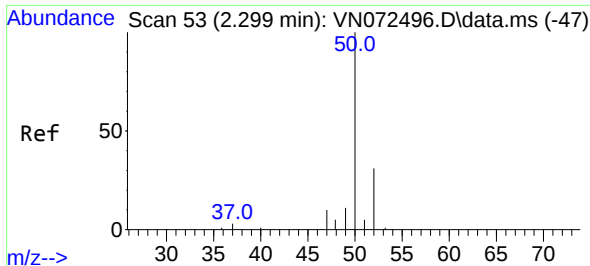


#2
Dichlorodifluoromethane
Concen: 129.275 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



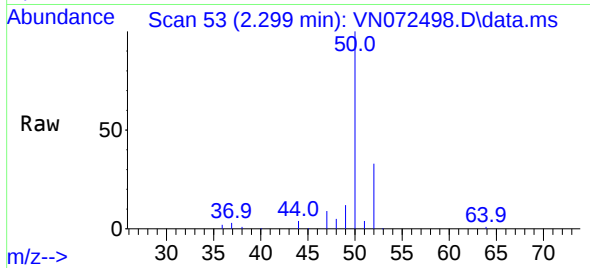
Tgt Ion: 85 Resp: 212800
Ion Ratio Lower Upper
85 100
87 34.6 16.6 49.7





#3
Chloromethane
Concen: 106.969 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

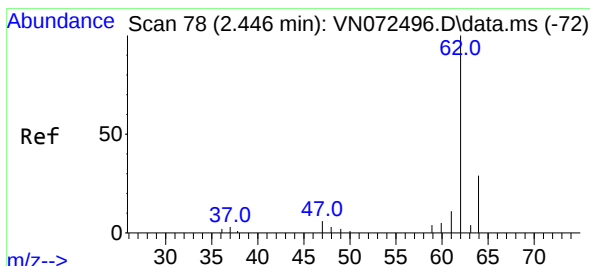
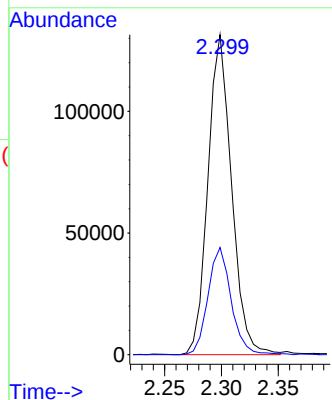
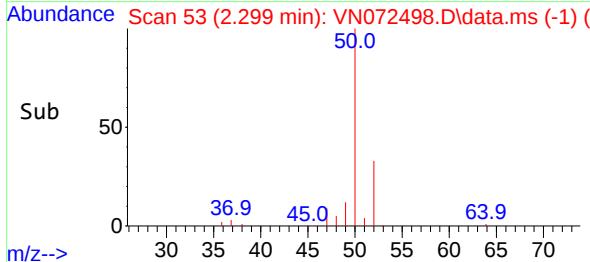
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



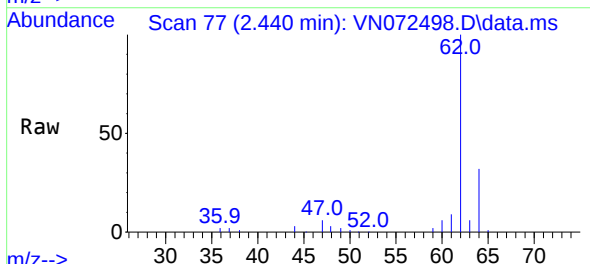
Tgt Ion: 50 Resp: 190198
Ion Ratio Lower Upper
50 100
52 33.5 27.8 41.6

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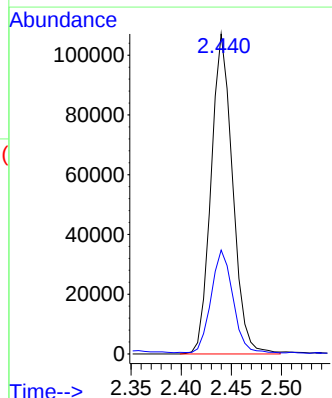
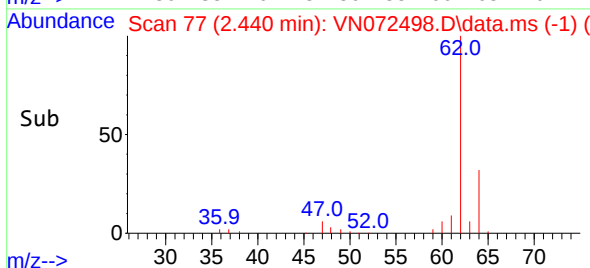
Reviewed By :John Carlone 05/17/2022
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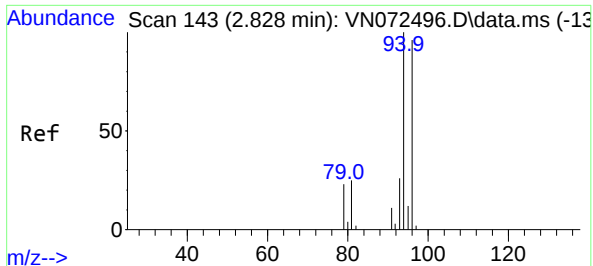


#4
Vinyl Chloride
Concen: 86.071 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 62 Resp: 160162
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





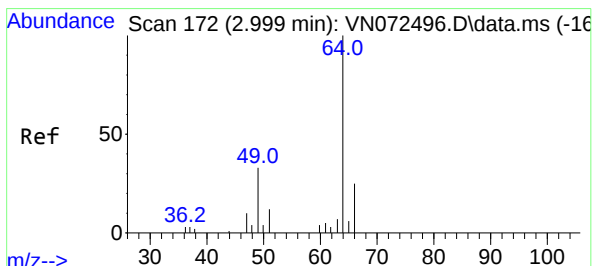
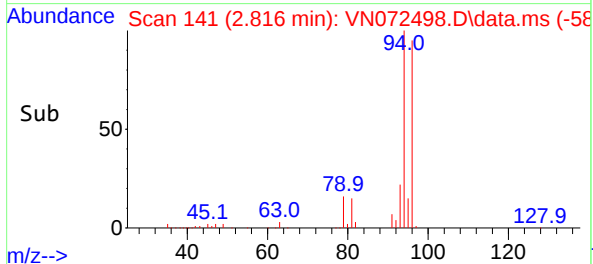
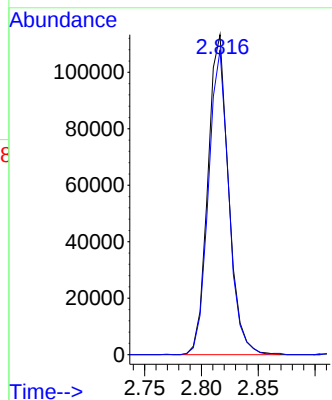
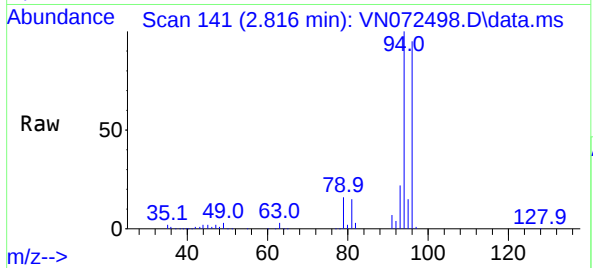
#5
Bromomethane
Concen: 129.812 ug/l
RT: 2.816 min Scan# 143
Delta R.T. -0.012 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 14385
Ion Ratio Lower Upper
94 100
96 95.2 75.2 112.8

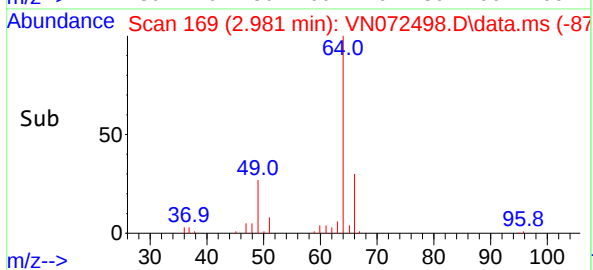
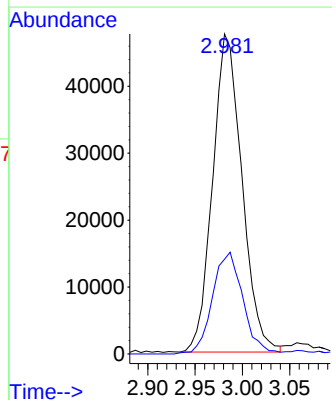
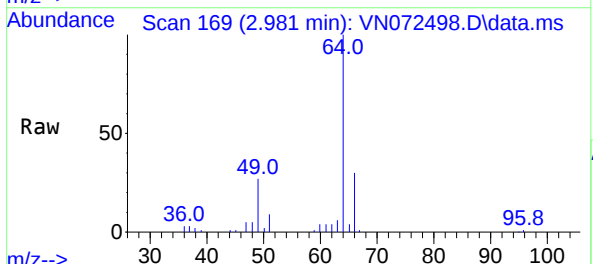
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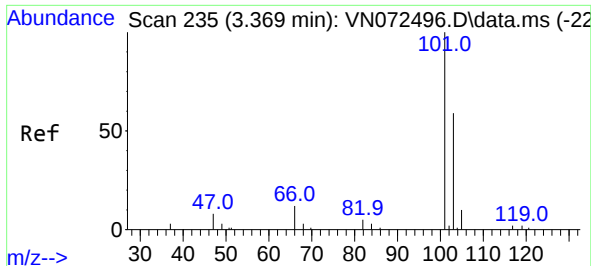
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#6
Chloroethane
Concen: 86.599 ug/l
RT: 2.981 min Scan# 169
Delta R.T. -0.018 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

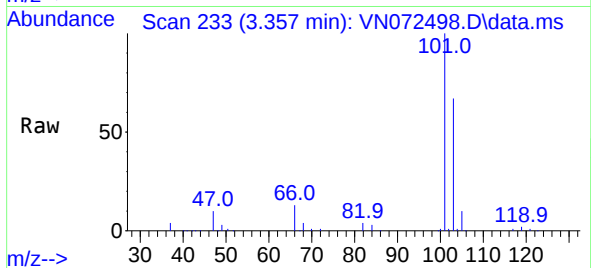
Tgt Ion: 64 Resp: 102403
Ion Ratio Lower Upper
64 100
66 29.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 135.077 ug/l
RT: 3.357 min Scan# 211
Delta R.T. -0.012 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

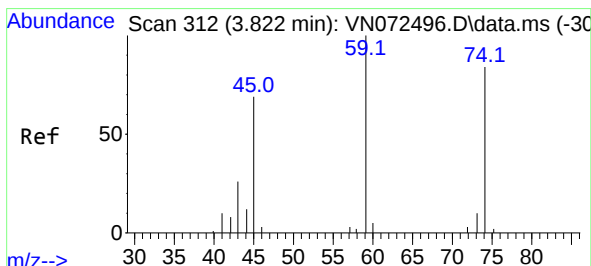
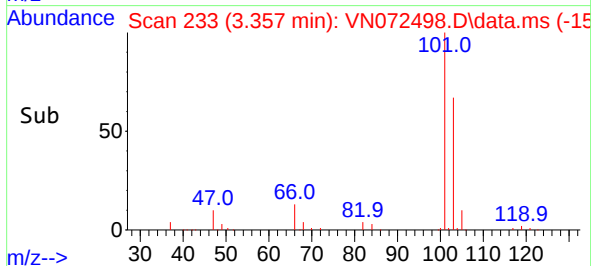
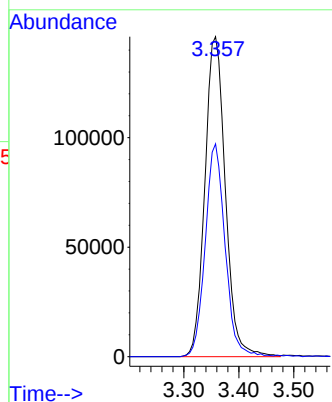
Instrument :
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Tgt Ion:101 Resp: 378619
Ion Ratio Lower Upper
101 100
103 66.5 50.1 75.1

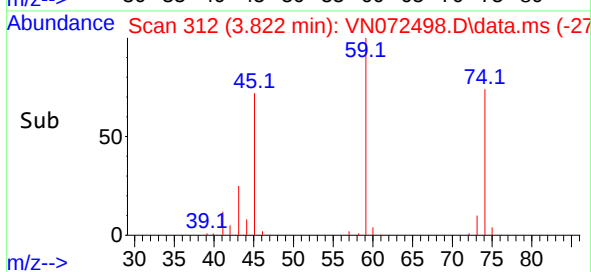
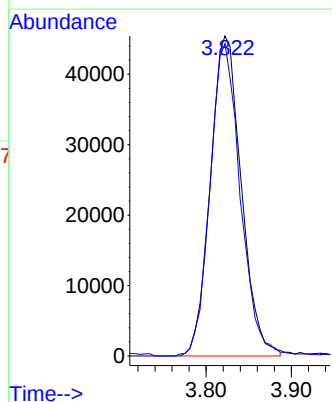
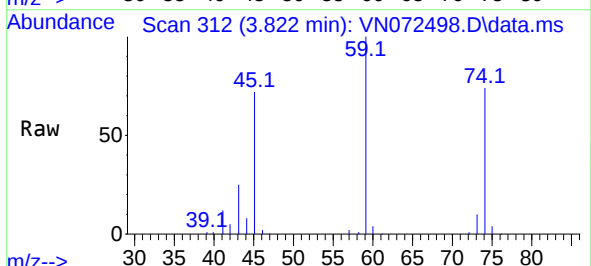
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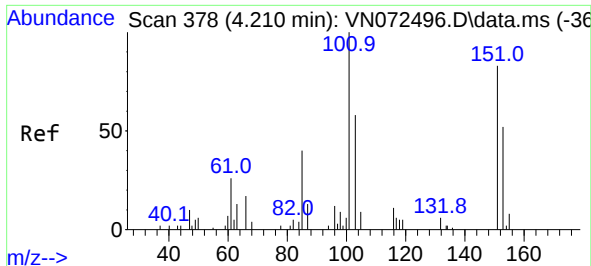
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#8
Diethyl Ether
Concen: 111.666 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion: 74 Resp: 114138
Ion Ratio Lower Upper
74 100
45 96.0 17.6 158.8





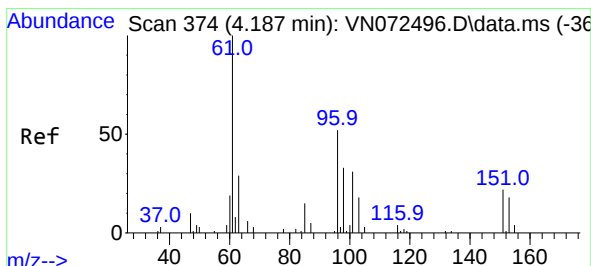
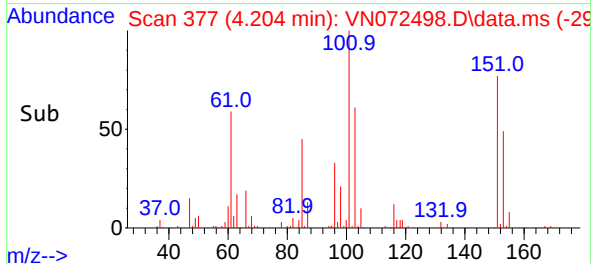
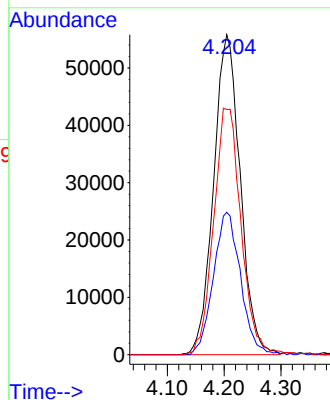
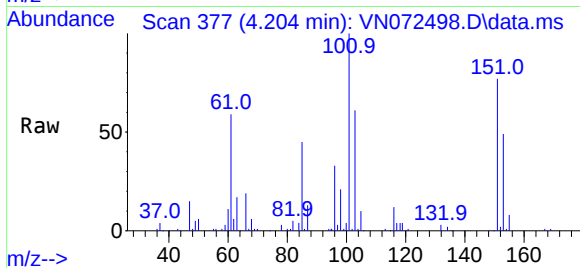
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1,1,2-Trichlorotrifluoroethane
Concen: 119.724 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 18171
Ion Ratio Lower Upper
101 100
85 45.4 0.0 94.0
151 79.2 0.0 74.6

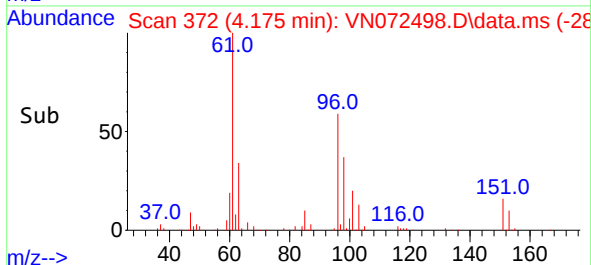
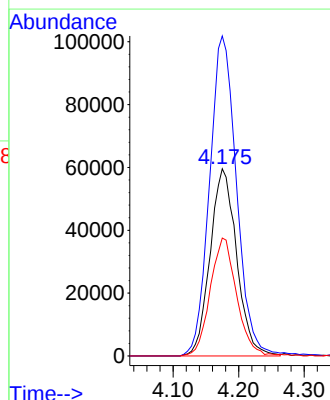
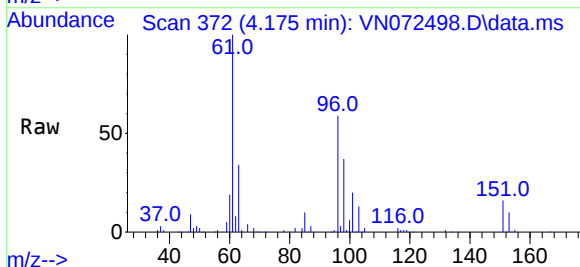
Manual Integrations
APPROVED

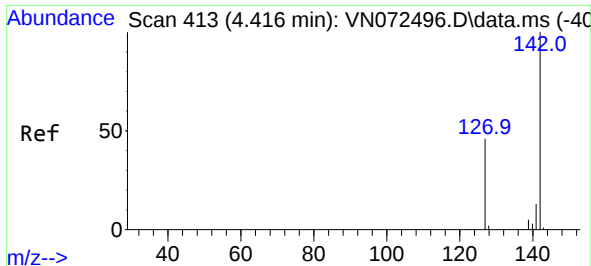
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
1,1-Dichloroethene
Concen: 116.852 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

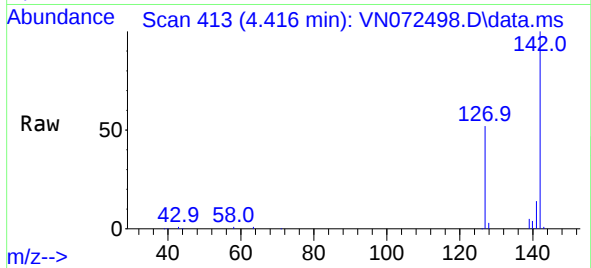
Tgt Ion: 96 Resp: 167652
Ion Ratio Lower Upper
96 100
61 170.9 126.2 189.4
98 63.0 50.9 76.3





#11
Methyl Iodide
Concen: 124.472 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

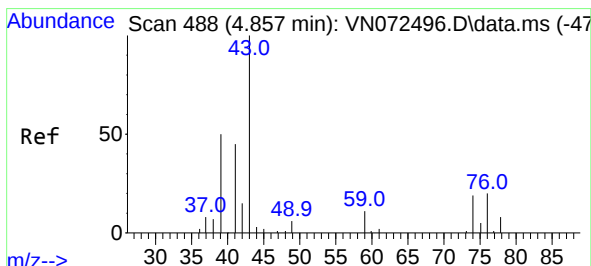
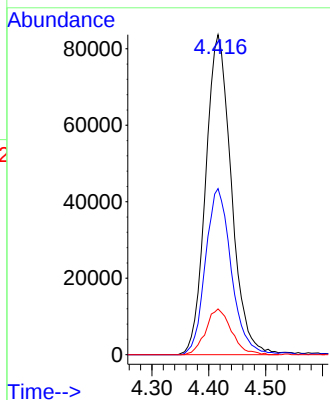
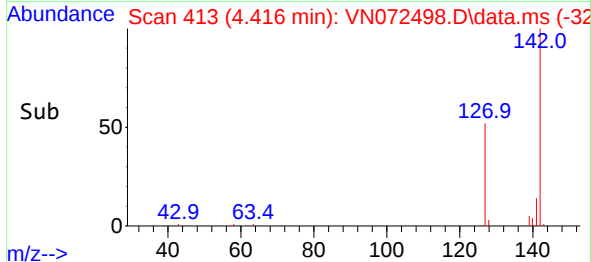
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



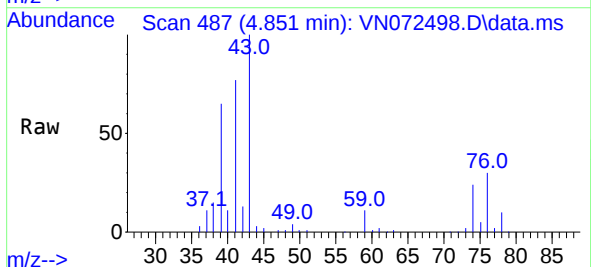
Tgt Ion:142 Resp: 262204
Ion Ratio Lower Upper
142 100
127 51.9 24.0 72.0
141 14.4 8.4 25.2

Manual Integrations
APPROVED

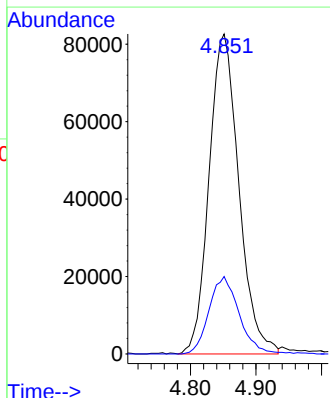
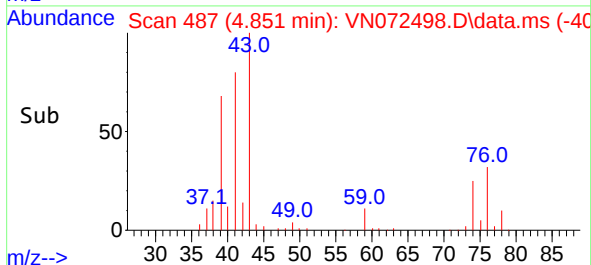
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

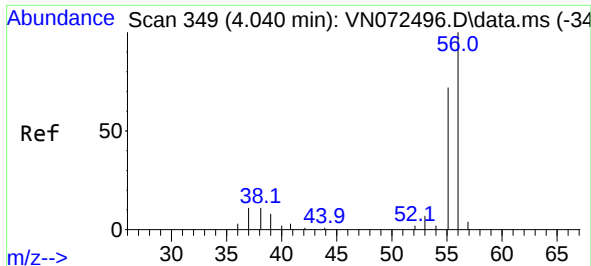


#12
Methyl Acetate
Concen: 120.185 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 43 Resp: 260782
Ion Ratio Lower Upper
43 100
74 24.2 20.8 31.2





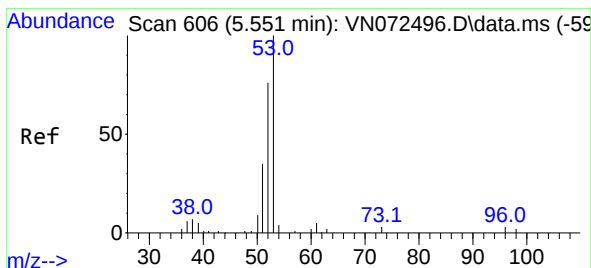
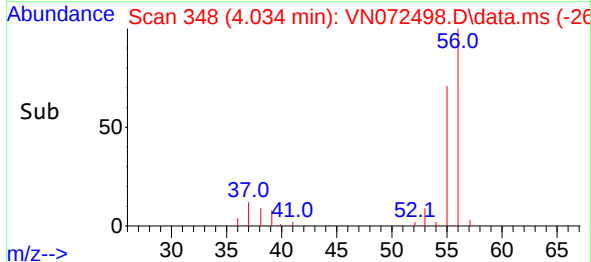
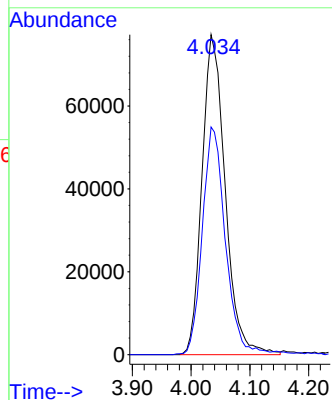
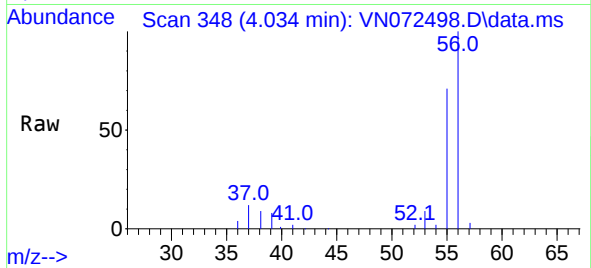
#13
Acrolein
Concen: 787.278 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 21112
Ion Ratio Lower Upper
56 100
55 69.7 57.6 86.4

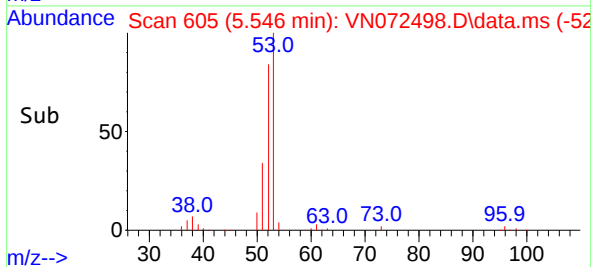
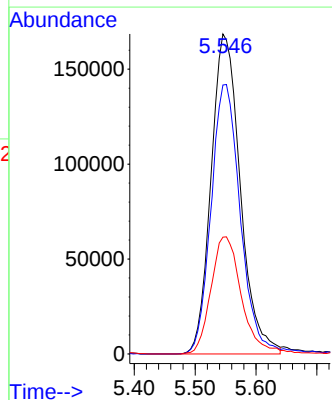
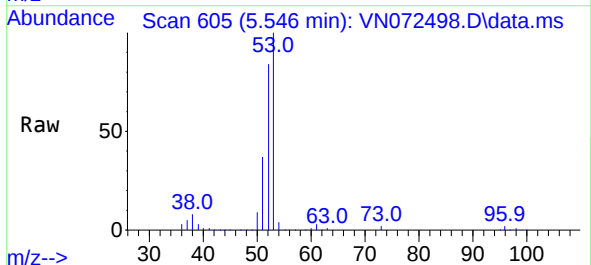
Manual Integrations
APPROVED

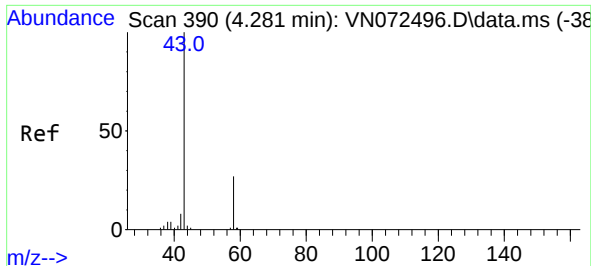
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#14
Acrylonitrile
Concen: 600.440 ug/l
RT: 5.546 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion: 53 Resp: 561636
Ion Ratio Lower Upper
53 100
52 83.9 41.8 125.4
51 37.7 19.0 57.0





#15

Acetone

Concen: 566.258 ug/l

RT: 4.287 min Scan# 390

Delta R.T. 0.006 min

Lab File: VN072498.D

Acq: 16 May 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 147070

Ion Ratio Lower Upper

58 100

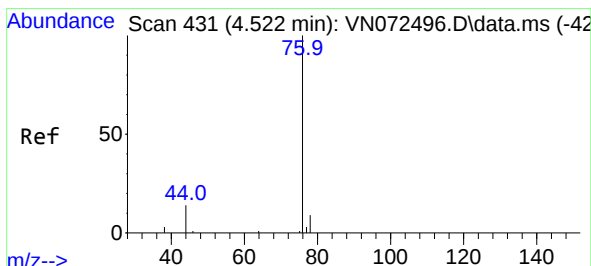
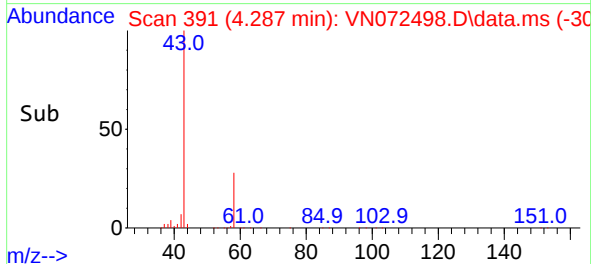
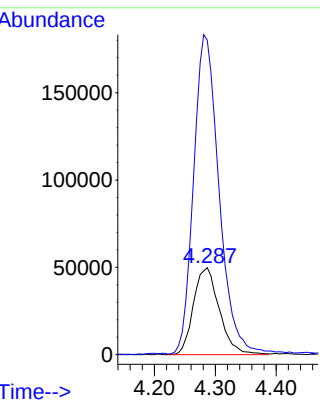
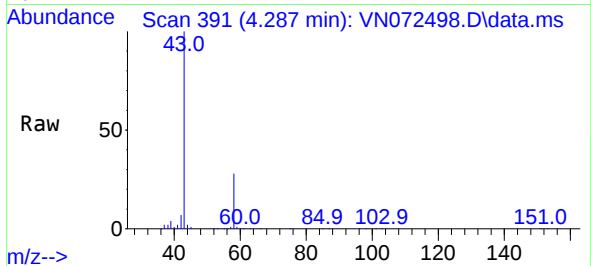
43 360.5 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#16

Carbon Disulfide

Concen: 115.753 ug/l

RT: 4.528 min Scan# 432

Delta R.T. 0.006 min

Lab File: VN072498.D

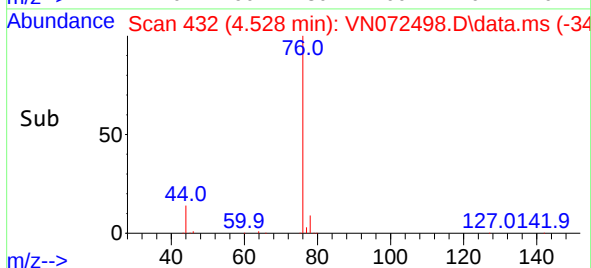
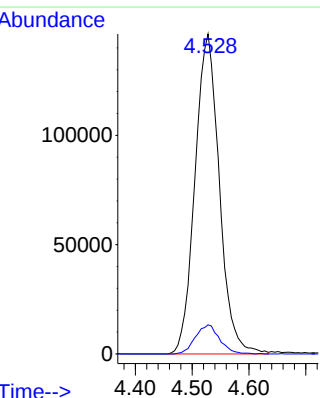
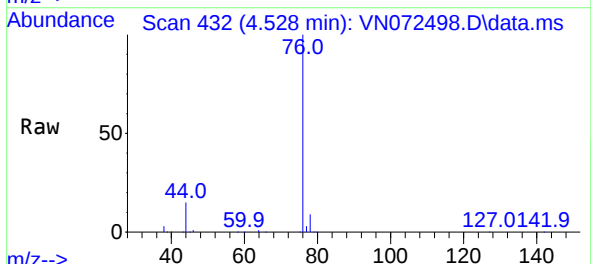
Acq: 16 May 2022 13:28

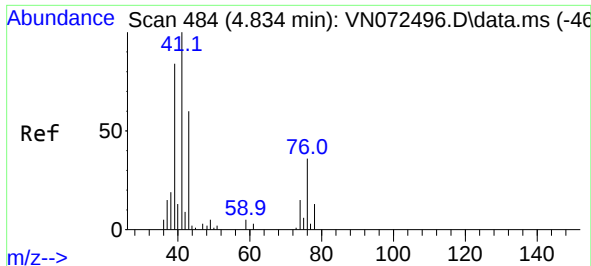
Tgt Ion: 76 Resp: 435809

Ion Ratio Lower Upper

76 100

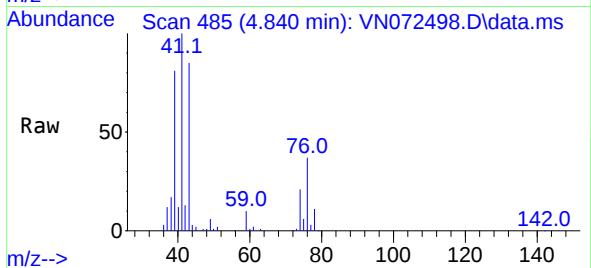
78 9.1 7.8 11.8





#17
 Allyl chloride
 Concen: 126.035 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN072498.D
 Acq: 16 May 2022 13:28

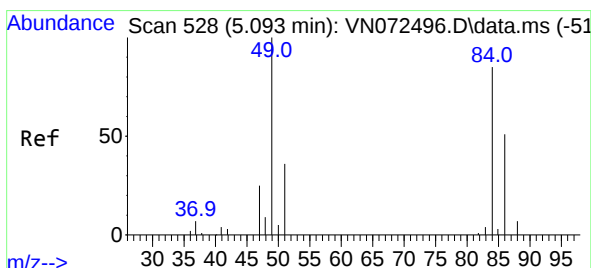
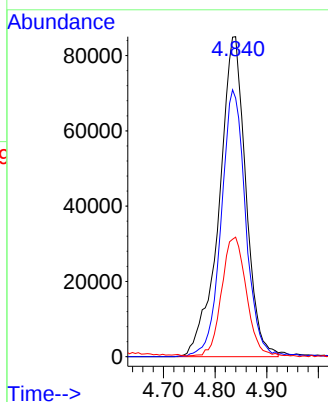
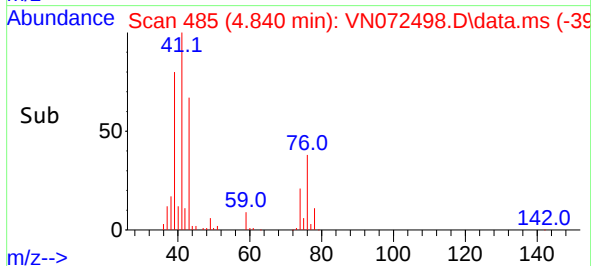
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 30478
 Ion Ratio Lower Upper
 41 100
 39 80.6 44.6 134.0
 76 36.7 19.6 58.7

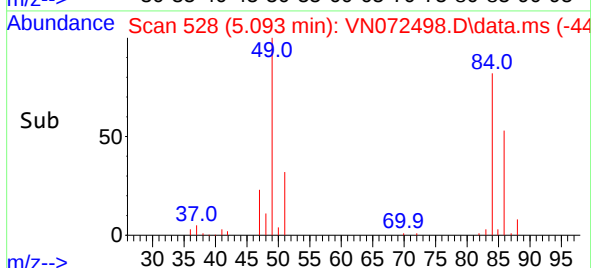
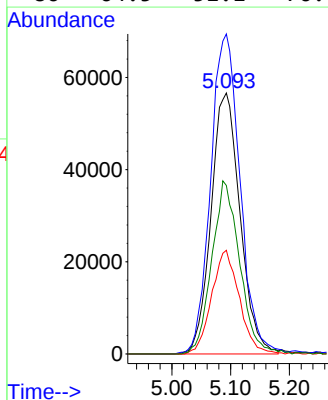
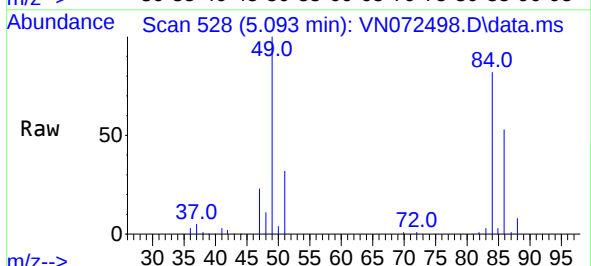
Manual Integrations
 APPROVED

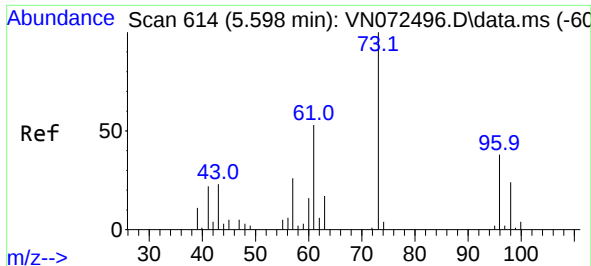
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#18
 Methylene Chloride
 Concen: 111.968 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: VN072498.D
 Acq: 16 May 2022 13:28

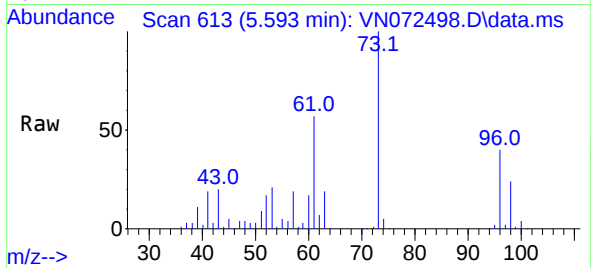
Tgt Ion: 84 Resp: 194333
 Ion Ratio Lower Upper
 84 100
 49 122.2 91.4 137.0
 51 39.7 29.4 44.0
 86 64.5 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 115.482 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

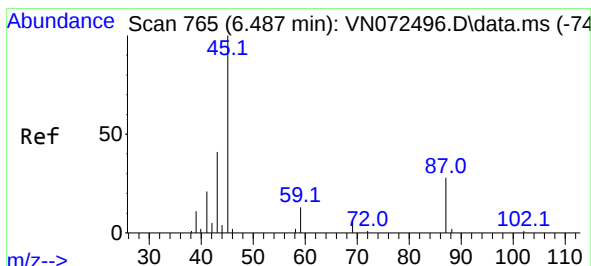
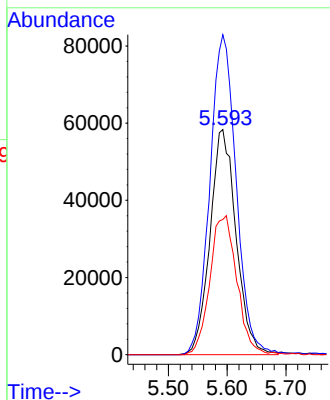
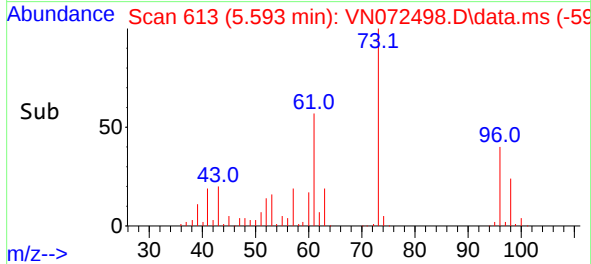
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



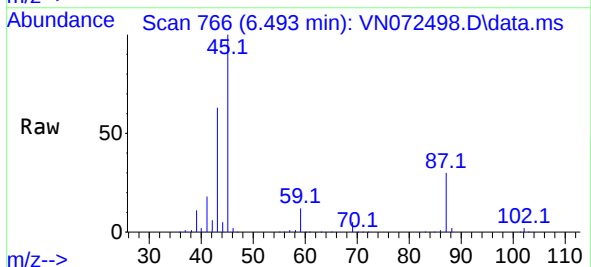
Tgt Ion: 96 Resp: 179880
Ion Ratio Lower Upper
96 100
61 142.2 102.8 154.2
98 60.0 49.3 73.9

Manual Integrations
APPROVED

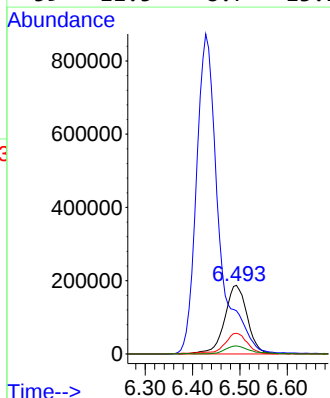
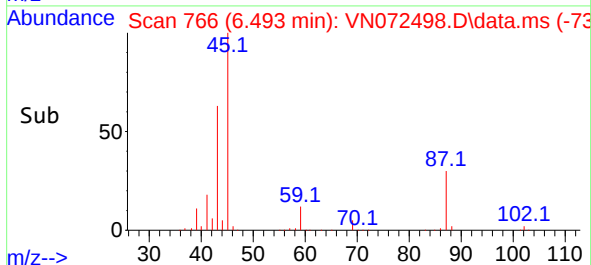
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

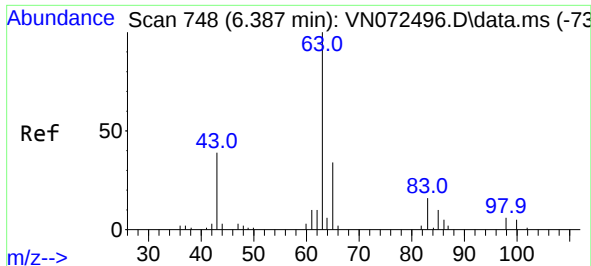


#20
Diisopropyl ether
Concen: 123.242 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 45 Resp: 621799
Ion Ratio Lower Upper
45 100
43 61.4 51.0 76.4
87 29.9 25.0 37.4
59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 119.812 ug/l

RT: 6.387 min Scan# 748

Delta R.T. 0.000 min

Lab File: VN072498.D

Acq: 16 May 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 36608

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

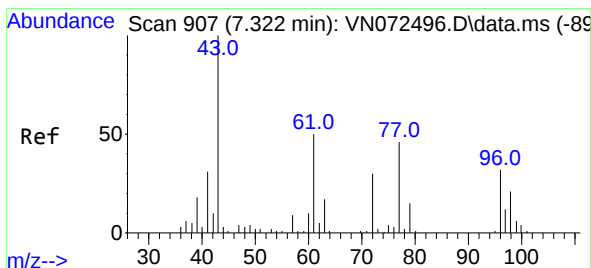
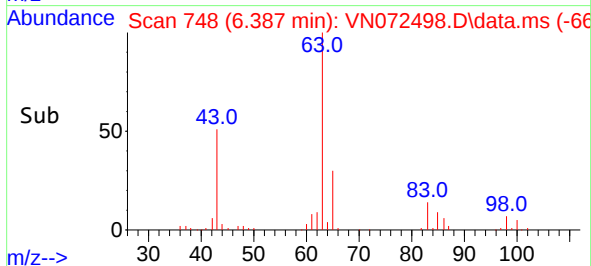
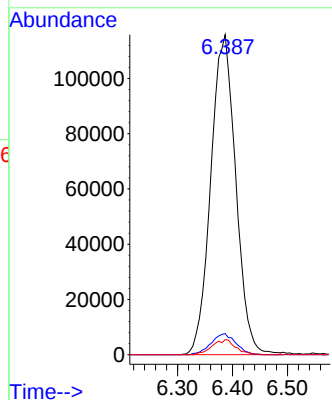
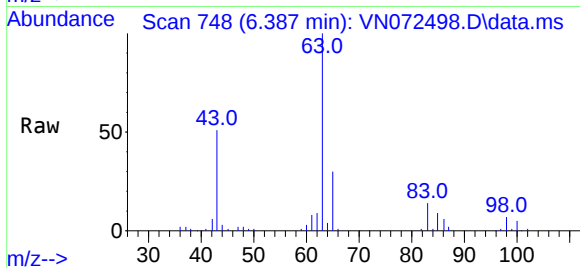
100 4.7 2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#22

cis-1,2-Dichloroethene

Concen: 116.037 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072498.D

Acq: 16 May 2022 13:28

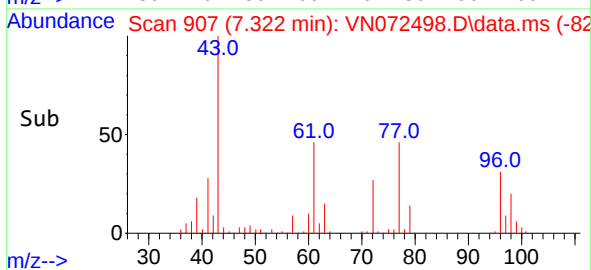
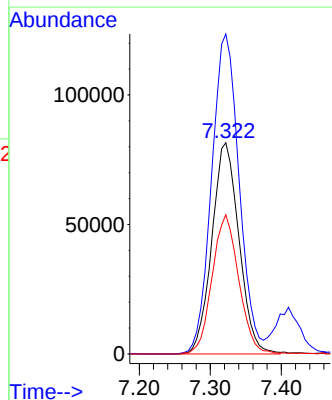
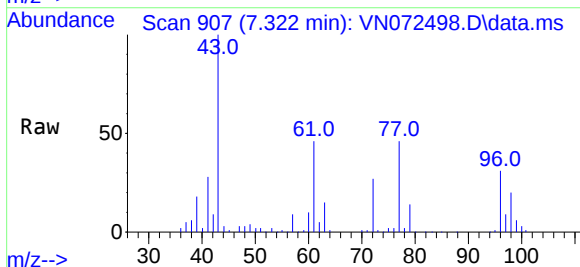
Tgt Ion: 96 Resp: 216249

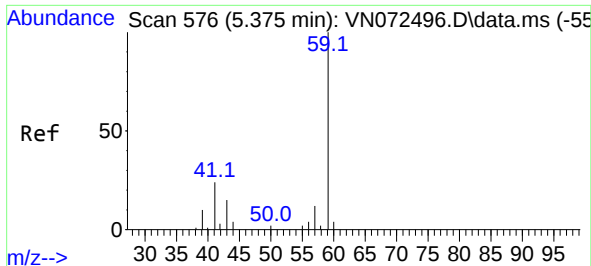
Ion Ratio Lower Upper

96 100

61 153.8 115.7 173.5

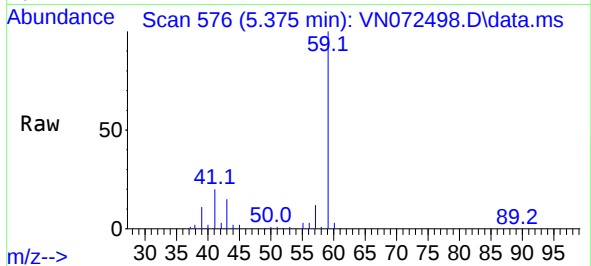
98 64.5 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 682.923 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

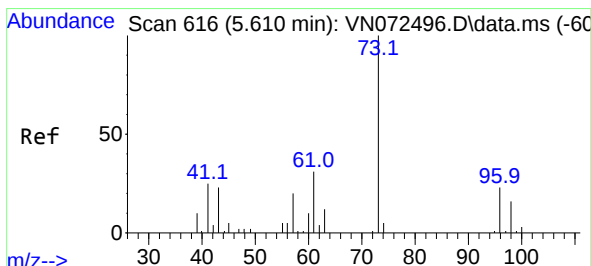
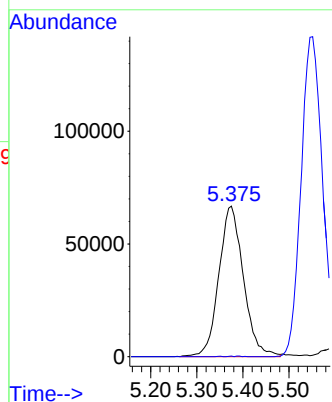
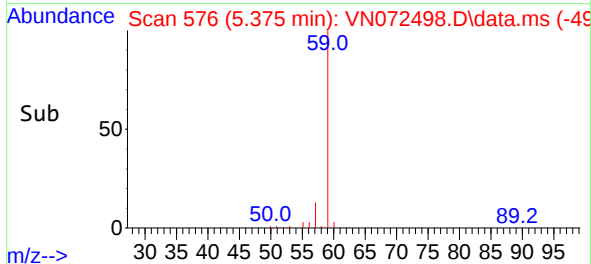
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



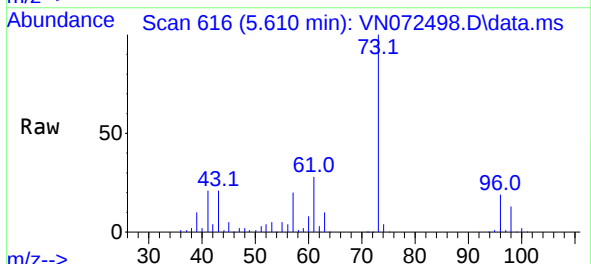
Tgt Ion: 59 Resp: 247065
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

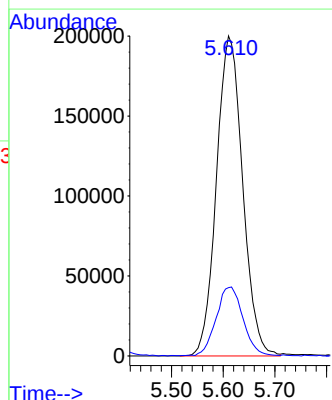
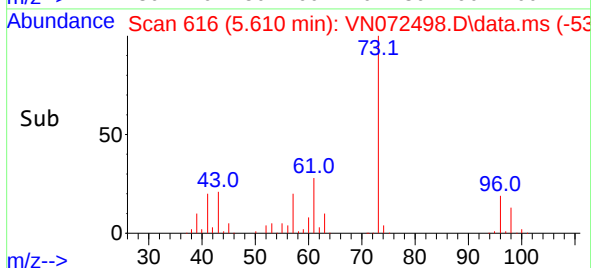
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

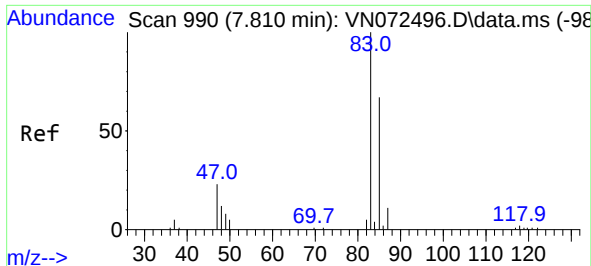


#24
Methyl tert-Butyl Ether
Concen: 129.286 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



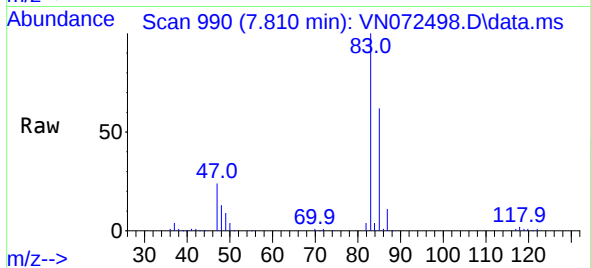
Tgt Ion: 73 Resp: 703918
Ion Ratio Lower Upper
73 100
43 21.8 18.1 27.1





#25
Chloroform
Concen: 126.238 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

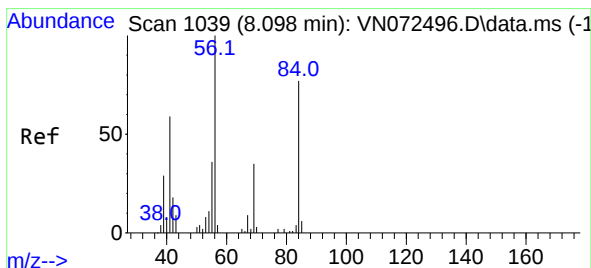
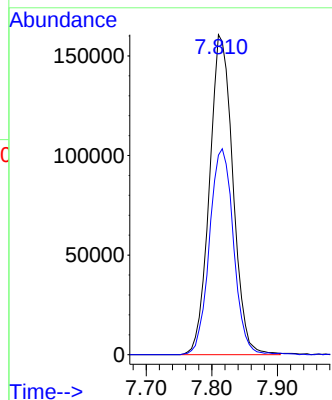
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 39846
Ion Ratio Lower Upper
83 100
85 62.4 51.3 76.9

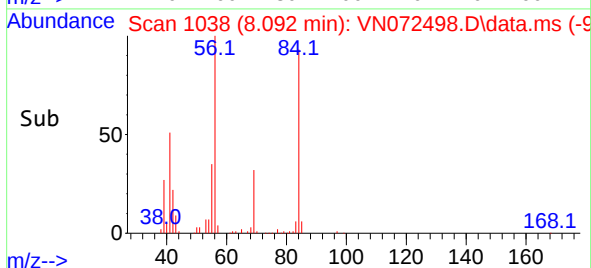
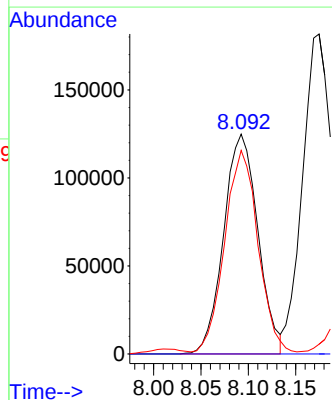
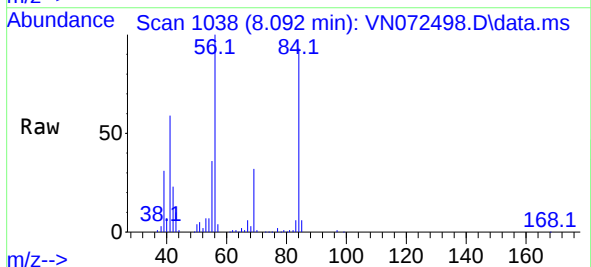
Manual Integrations
APPROVED

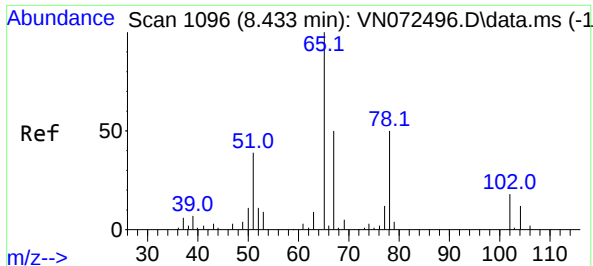
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#26
Cyclohexane
Concen: 122.222 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion: 56 Resp: 314452
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 90.8 74.6 111.8





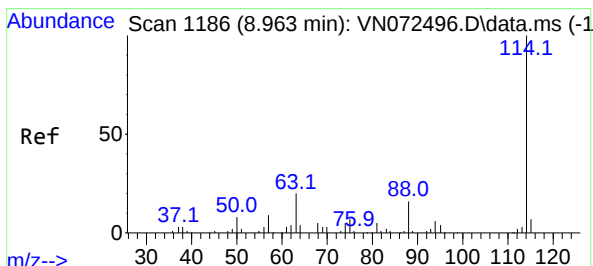
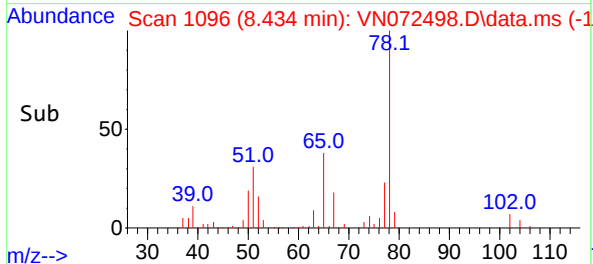
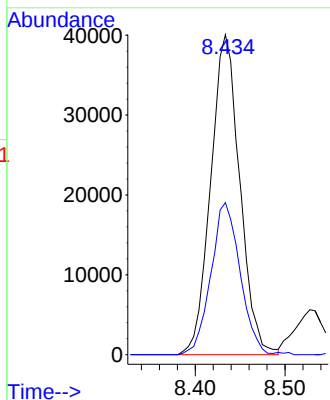
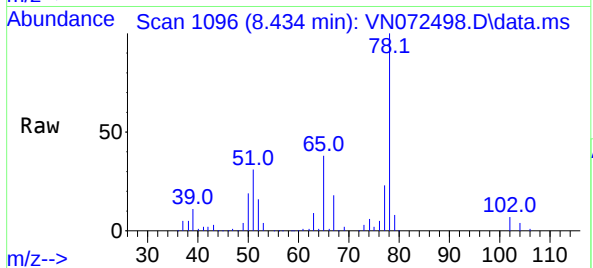
#27
1,2-Dichloroethane-d4
Concen: 36.900 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 9015
Ion Ratio Lower Upper
65 100
67 47.6 40.2 60.2

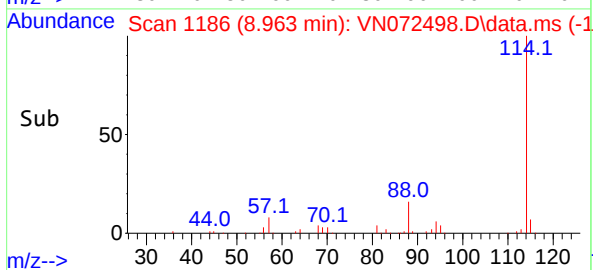
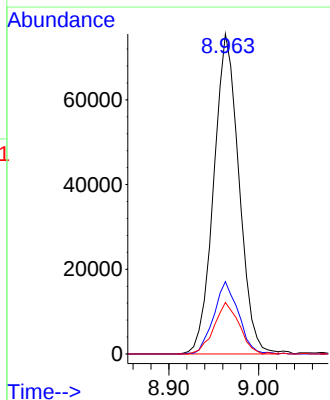
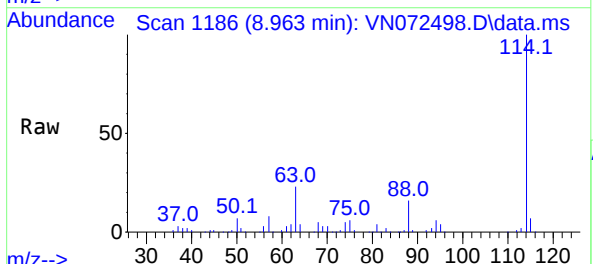
Manual Integrations
APPROVED

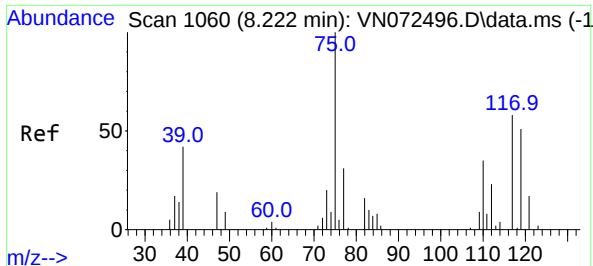
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

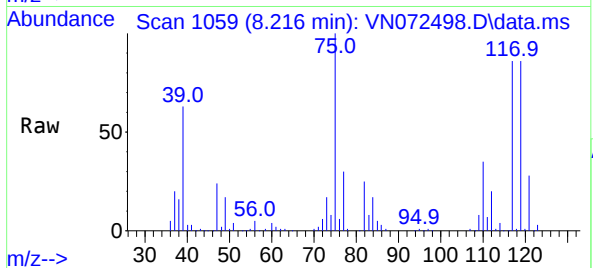
Tgt Ion:114 Resp: 147653
Ion Ratio Lower Upper
114 100
63 22.1 15.8 23.6
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 126.452 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

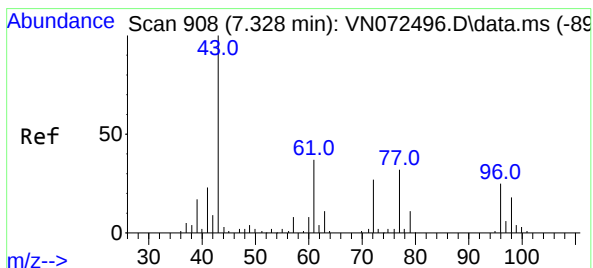
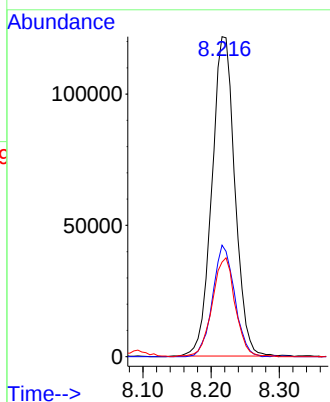
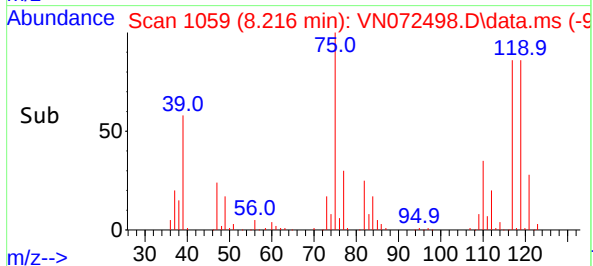
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



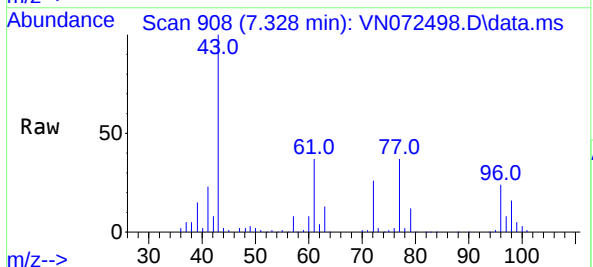
Tgt Ion: 75 Resp: 28536
Ion Ratio Lower Upper
75 100
110 33.4 0.0 74.2
77 31.0 0.0 63.2

Manual Integrations
APPROVED

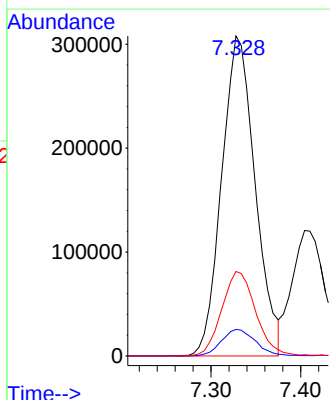
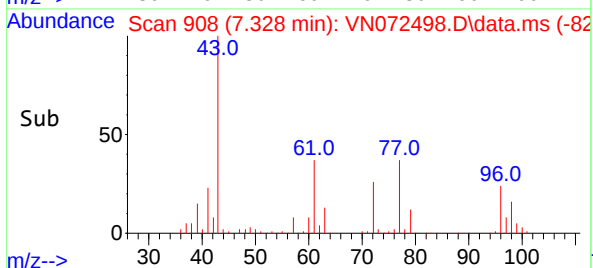
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

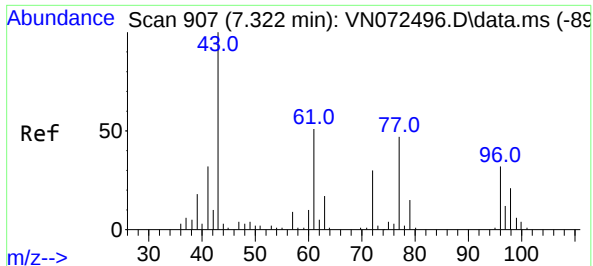


#30
2-Butanone
Concen: 619.906 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 43 Resp: 799375
Ion Ratio Lower Upper
43 100
57 8.5 6.7 10.1
72 26.8 23.2 34.8





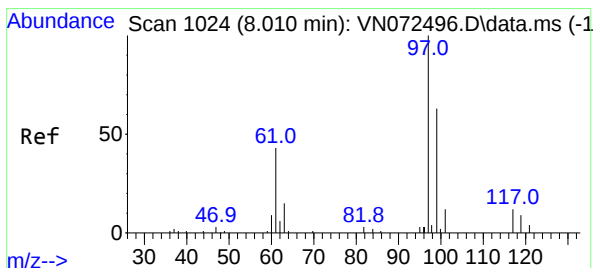
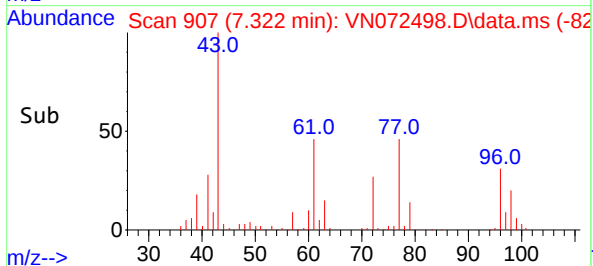
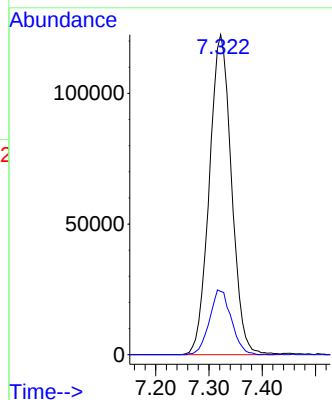
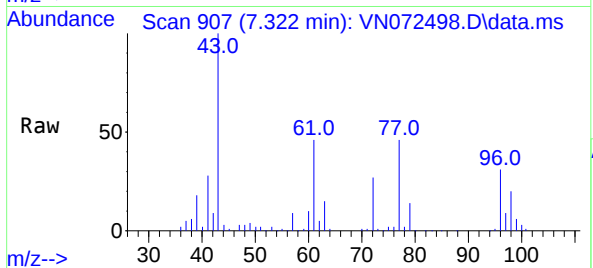
#31
2,2-Dichloropropane
Concen: 134.227 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 354400
Ion Ratio Lower Upper
77 100
97 19.9 18.3 27.5

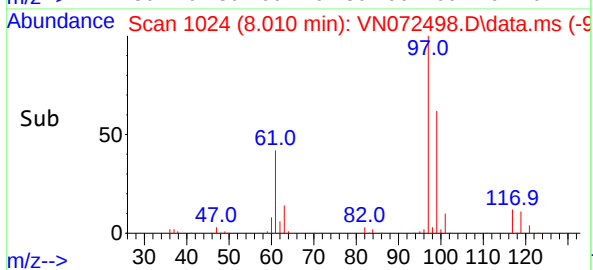
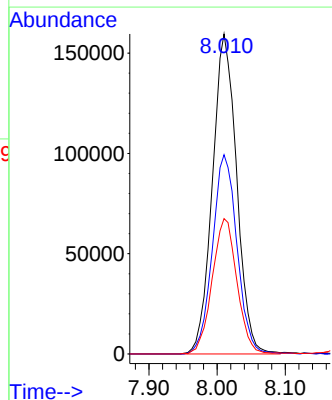
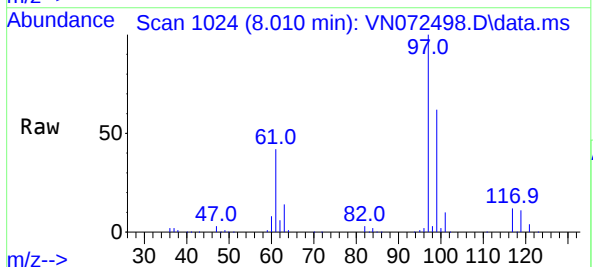
Manual Integrations
APPROVED

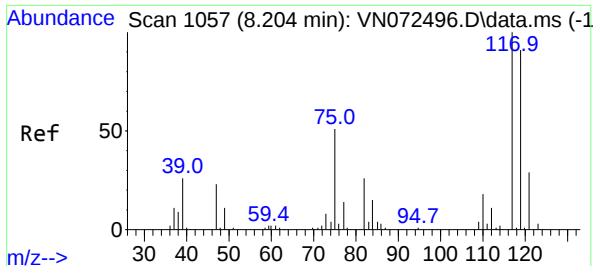
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#32
1,1,1-Trichloroethane
Concen: 138.548 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

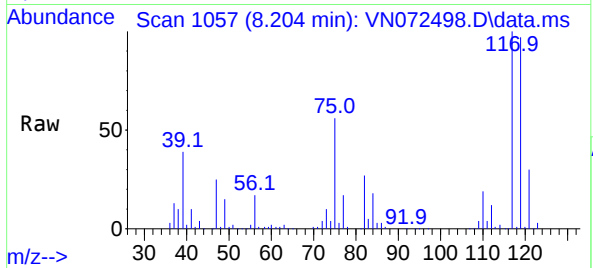
Tgt Ion: 97 Resp: 395019
Ion Ratio Lower Upper
97 100
99 63.1 50.4 75.6
61 43.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 142.409 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

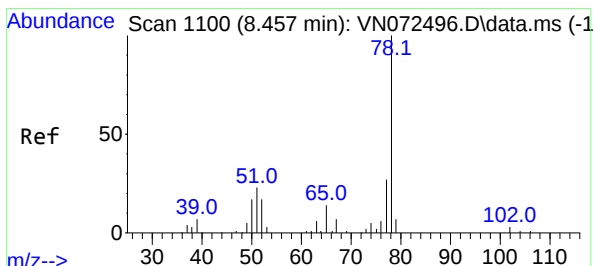
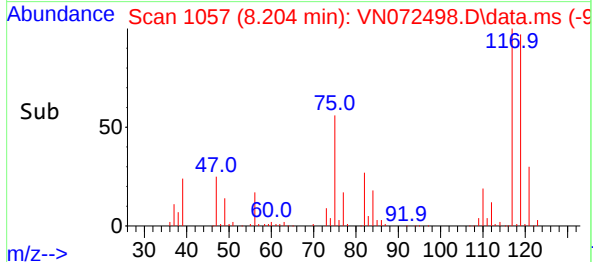
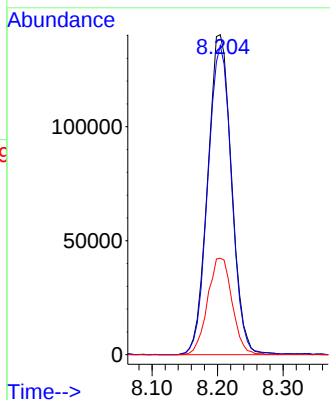
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 356270
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3
121 30.1 23.5 35.3

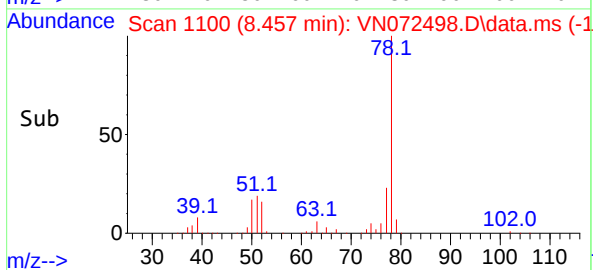
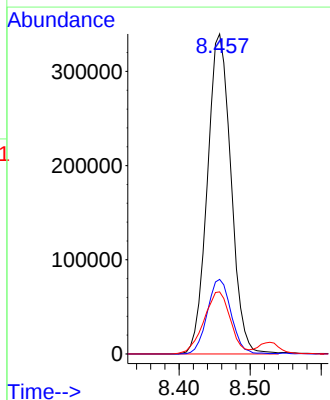
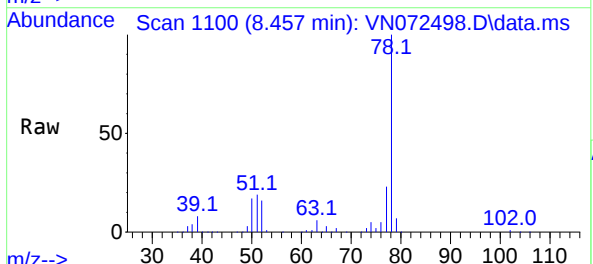
Manual Integrations
APPROVED

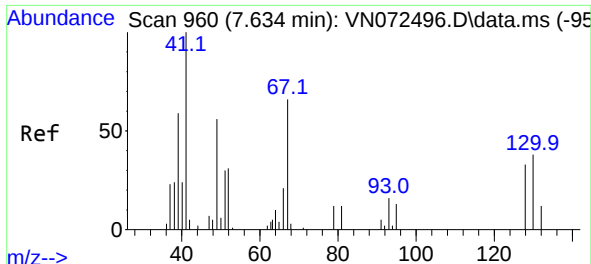
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#34
Benzene
Concen: 114.271 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

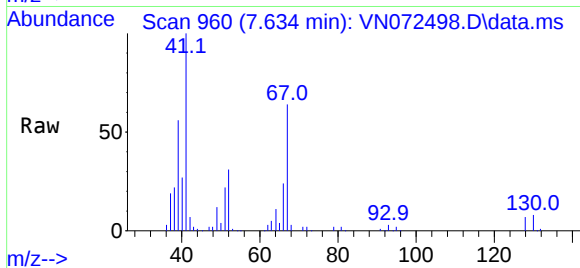
Tgt Ion: 78 Resp: 784609
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 19.2 16.0 24.0





#35
Methacrylonitrile
Concen: 139.277 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

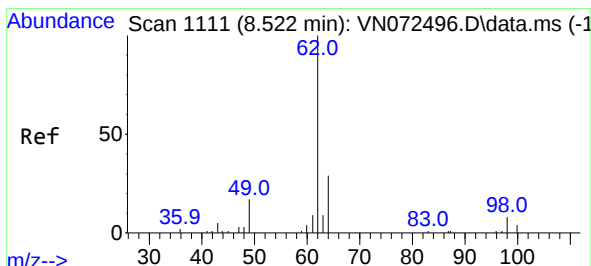
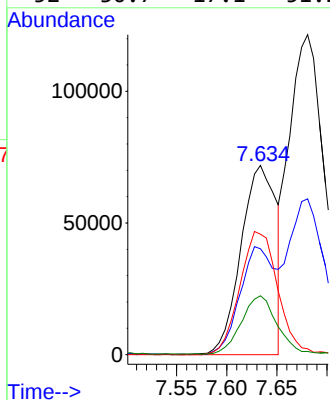
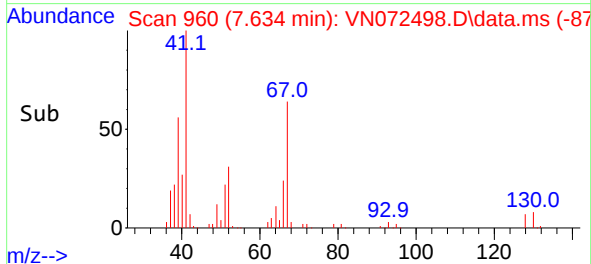
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



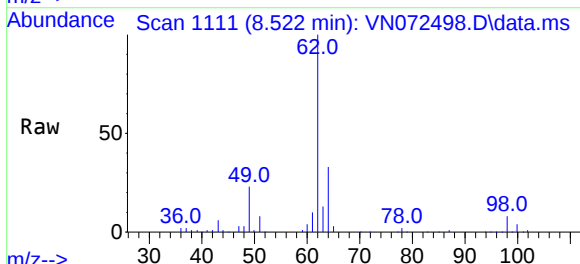
Tgt Ion: 41 Resp: 175174
Ion Ratio Lower Upper
41 100
39 55.8 28.0 83.9
67 63.7 37.7 113.1
52 30.7 17.1 51.2

Manual Integrations
APPROVED

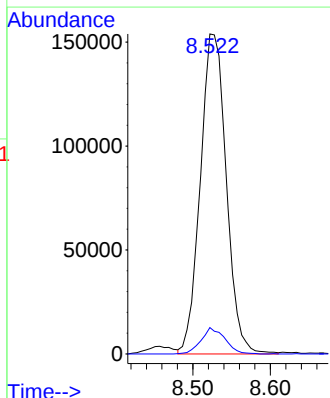
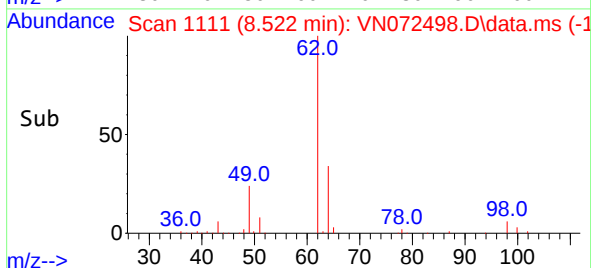
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

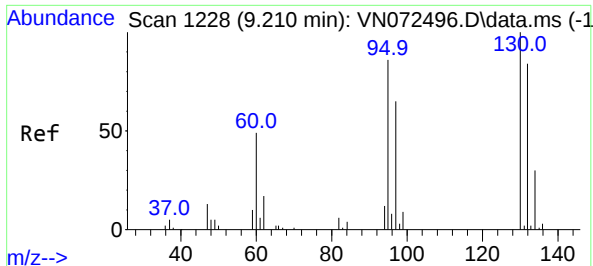


#36
1,2-Dichloroethane
Concen: 133.131 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



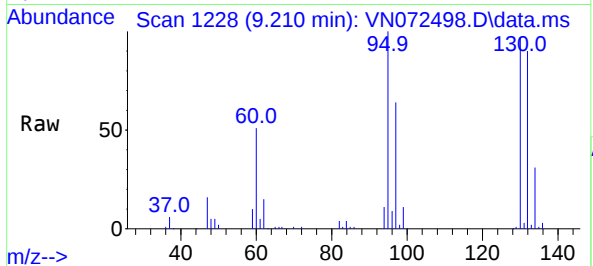
Tgt Ion: 62 Resp: 358568
Ion Ratio Lower Upper
62 100
98 7.6 6.6 10.0





#37
Trichloroethene
Concen: 116.895 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

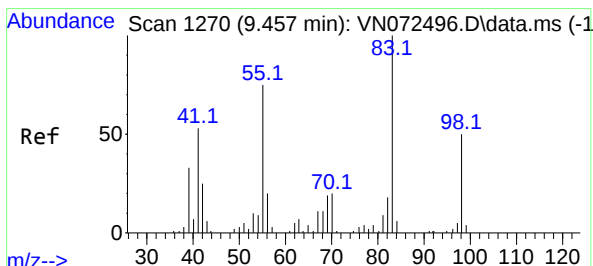
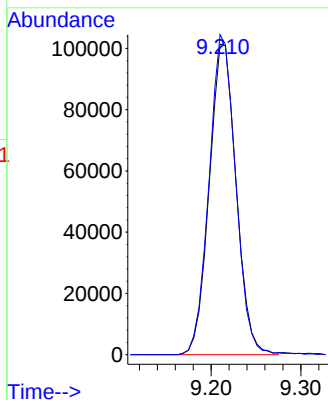
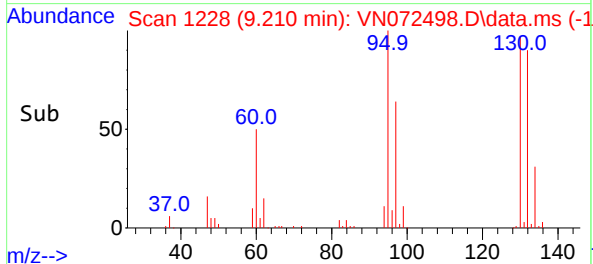
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



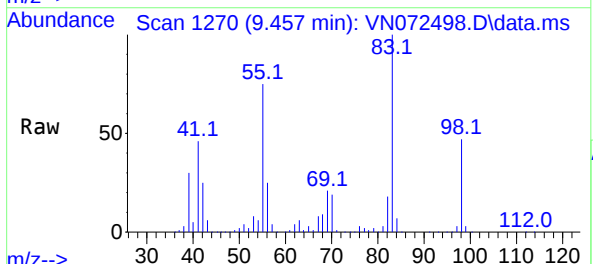
Tgt Ion:130 Resp: 21113
Ion Ratio Lower Upper
130 100
95 103.0 76.6 115.0

Manual Integrations
APPROVED

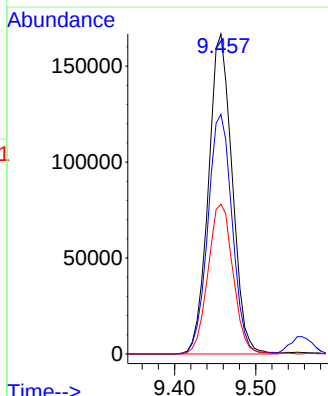
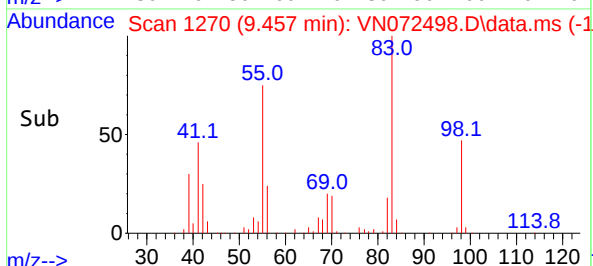
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

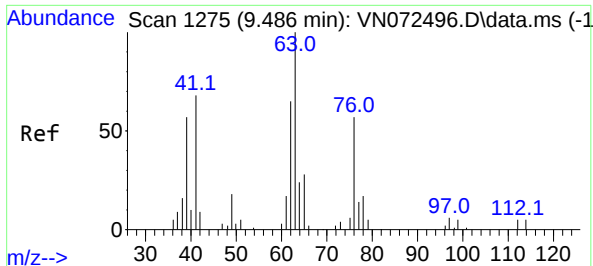


#38
Methylcyclohexane
Concen: 122.429 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 83 Resp: 338522
Ion Ratio Lower Upper
83 100
55 76.8 35.1 105.3
98 49.4 23.4 70.2





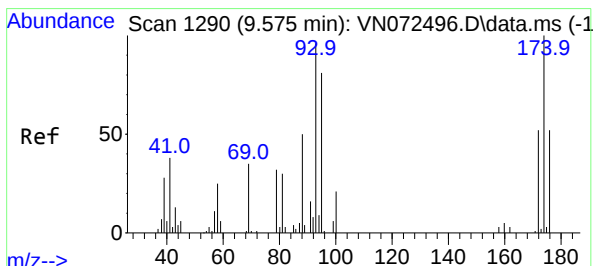
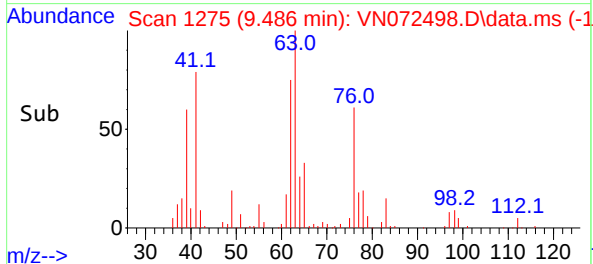
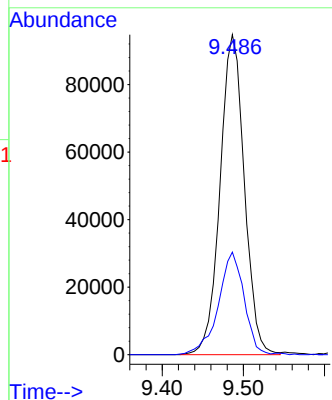
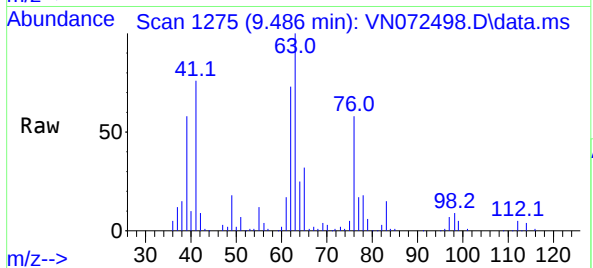
#39
1,2-Dichloropropane
Concen: 113.684 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 197074
Ion Ratio Lower Upper
63 100
65 31.8 24.2 36.4

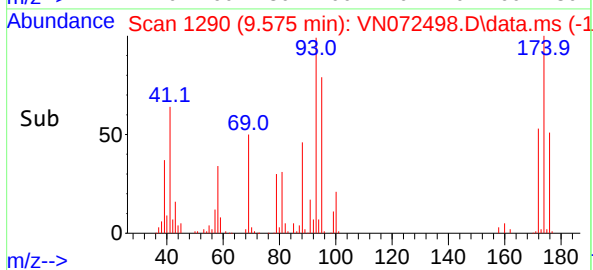
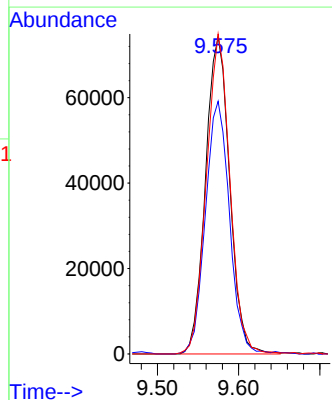
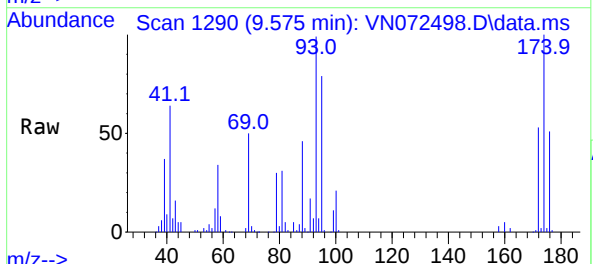
Manual Integrations
APPROVED

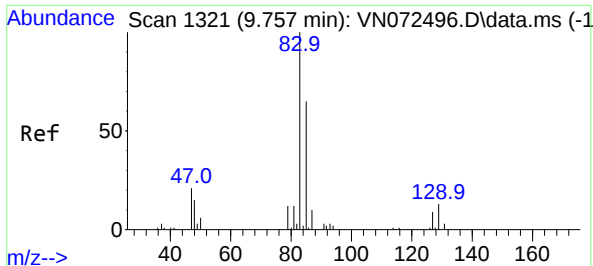
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#40
Dibromomethane
Concen: 124.943 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

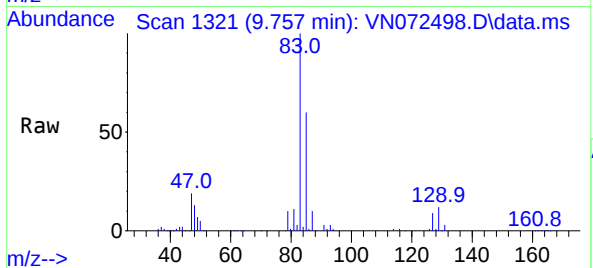
Tgt Ion: 93 Resp: 153317
Ion Ratio Lower Upper
93 100
95 79.3 0.0 168.8
174 98.4 0.0 173.6





#41
Bromodichloromethane
Concen: 134.042 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

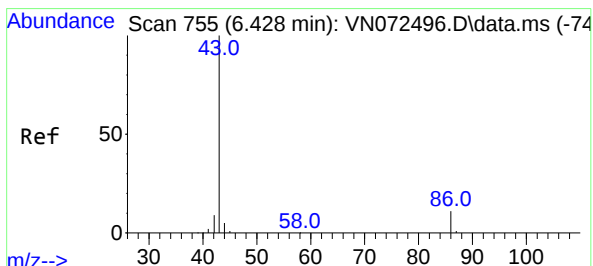
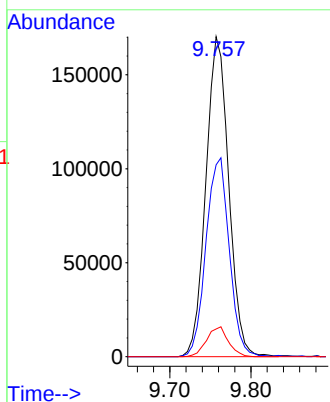
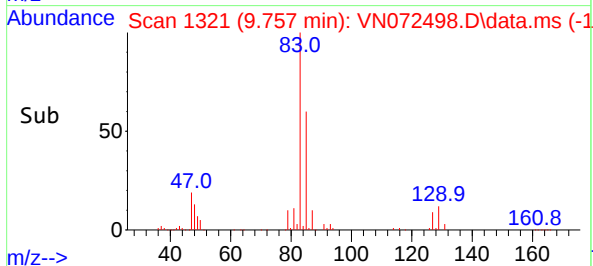
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



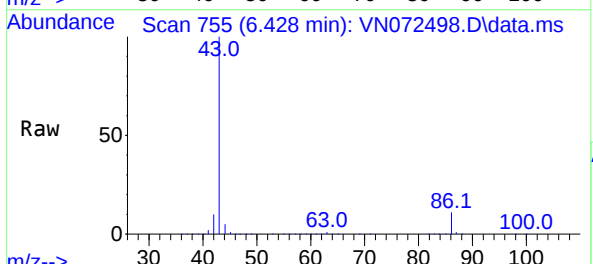
Tgt Ion: 83 Resp: 332793
Ion Ratio Lower Upper
83 100
85 60.0 54.1 81.1
127 8.7 7.6 11.4

Manual Integrations
APPROVED

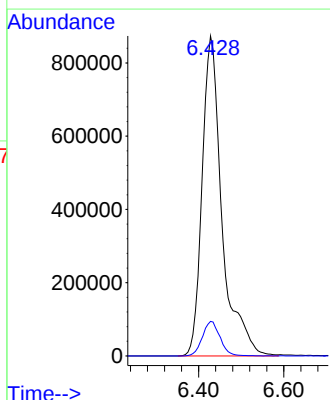
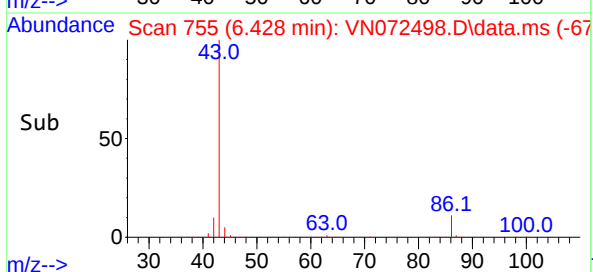
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

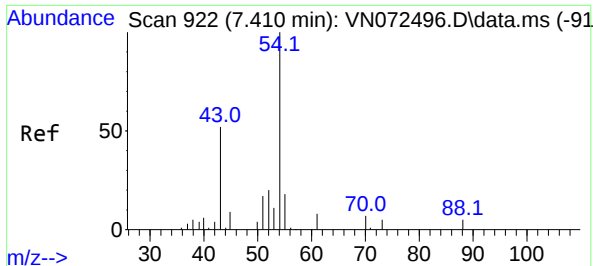


#42
Vinyl Acetate
Concen: 643.459 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



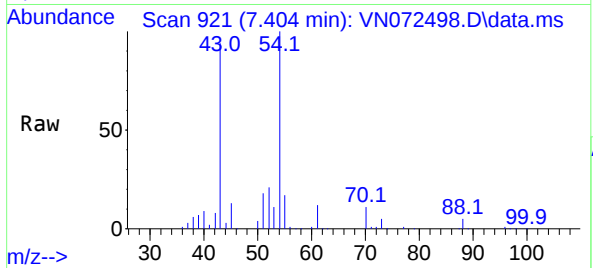
Tgt Ion: 43 Resp: 2829203
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3





#43
Ethyl Acetate
Concen: 129.733 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

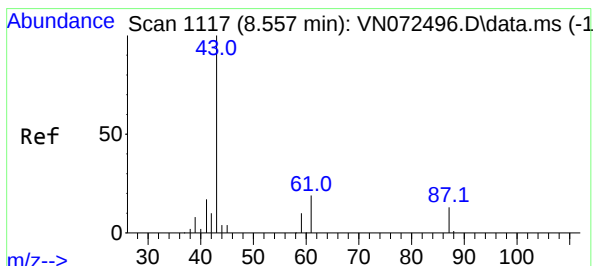
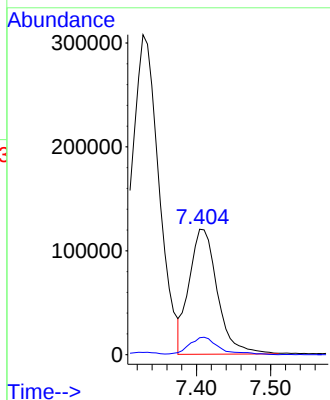
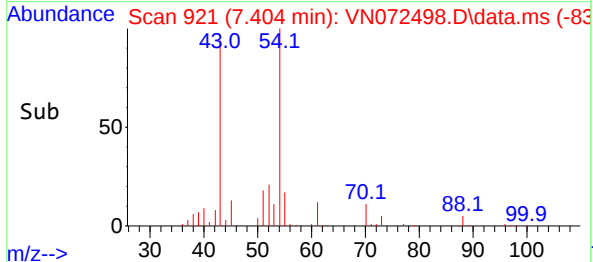
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



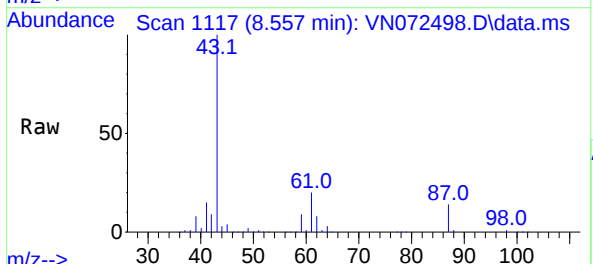
Tgt Ion: 43 Resp: 31893
Ion Ratio Lower Upper
43 100
45 14.8 10.6 16.0

Manual Integrations
APPROVED

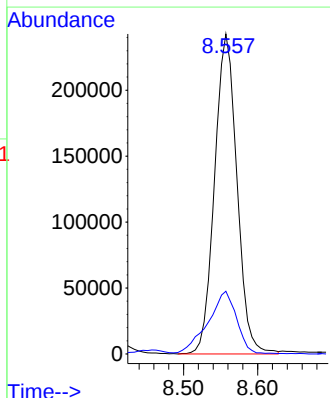
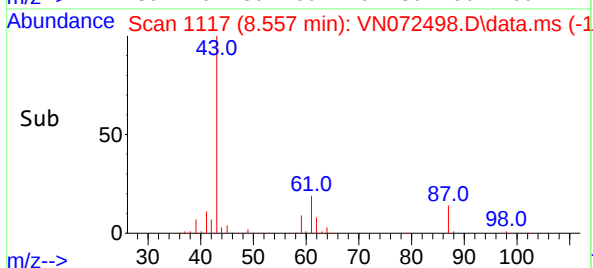
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

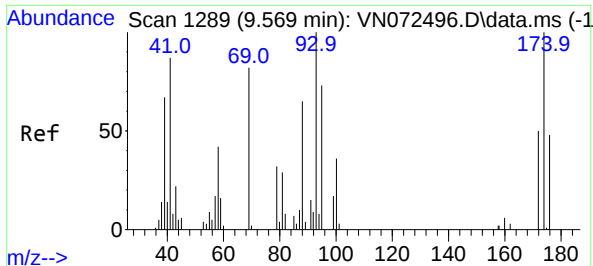


#44
Isopropyl Acetate
Concen: 125.838 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 43 Resp: 508598
Ion Ratio Lower Upper
43 100
61 24.7 20.1 30.1





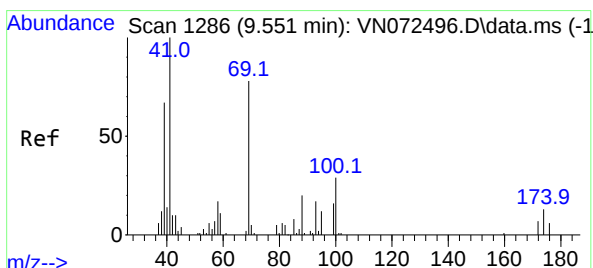
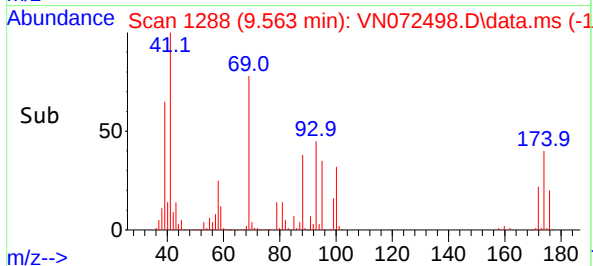
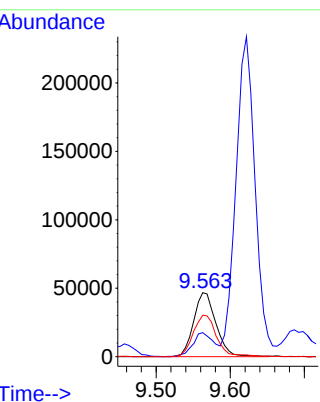
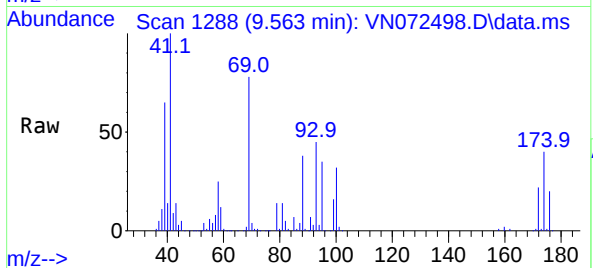
#45
1,4-Dioxane
Concen: 2467.101 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 97905
Ion Ratio Lower Upper
88 100
43 34.8 25.0 37.6
58 66.1 49.4 74.2

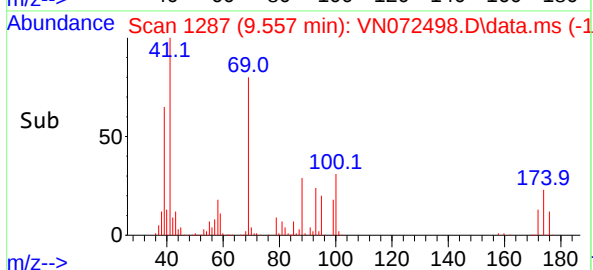
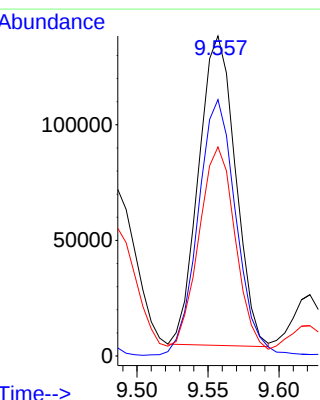
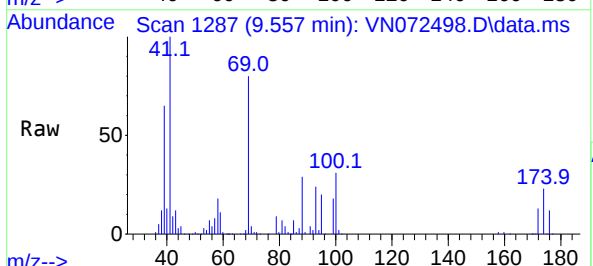
Manual Integrations
APPROVED

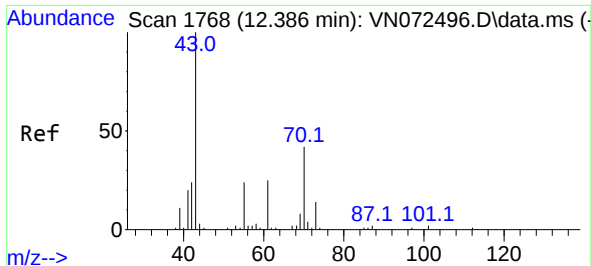
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#46
Methyl methacrylate
Concen: 136.184 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion: 41 Resp: 241106
Ion Ratio Lower Upper
41 100
69 81.8 44.4 133.2
39 65.6 39.9 119.6





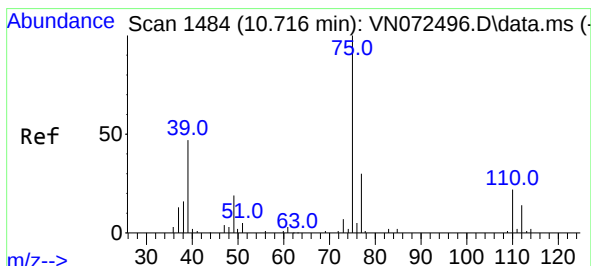
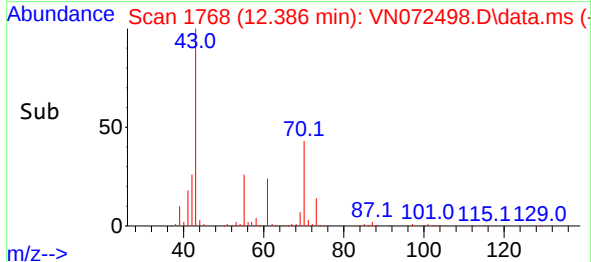
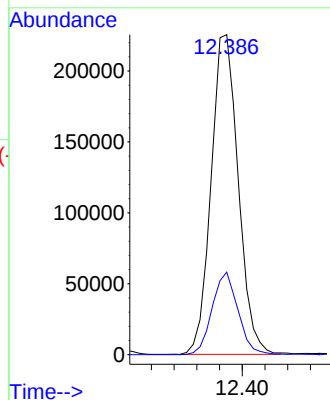
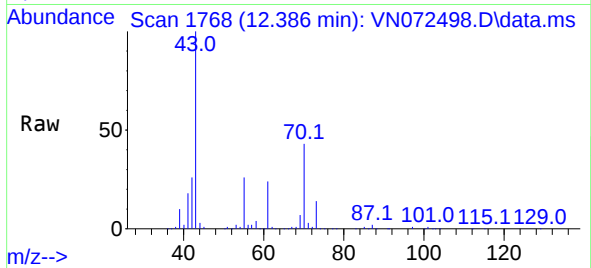
#47
n-amy1 Acetate
Concen: 142.169 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 374314
Ion Ratio Lower Upper
43 100
55 24.6 19.0 28.6

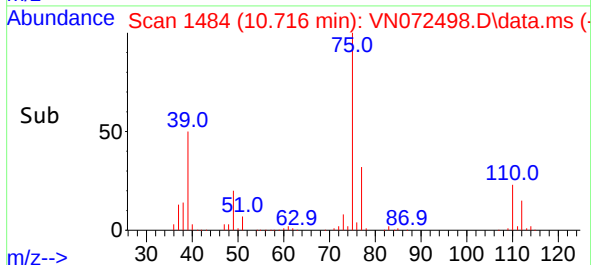
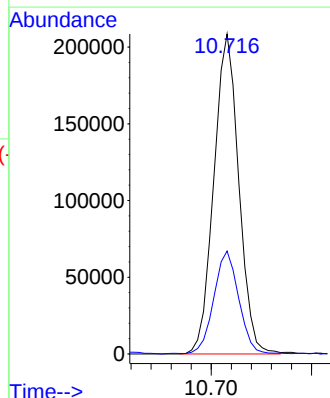
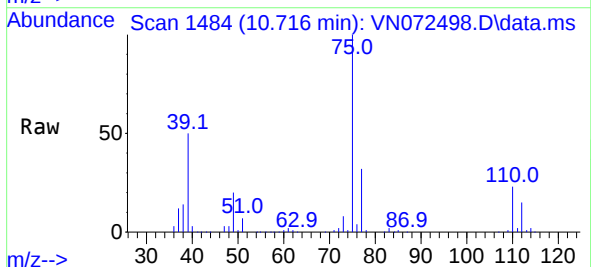
Manual Integrations
APPROVED

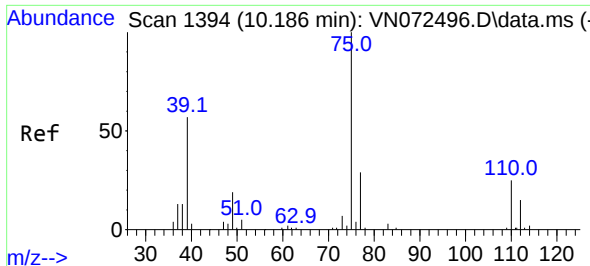
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#48
t-1,3-Dichloropropene
Concen: 135.370 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

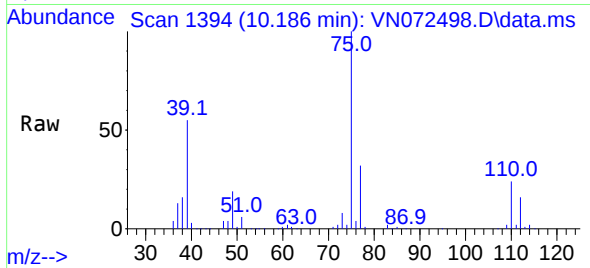
Tgt Ion: 75 Resp: 359632
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 124.633 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

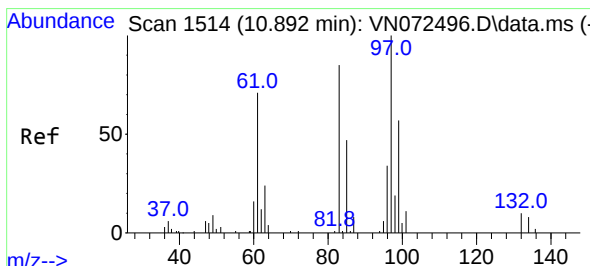
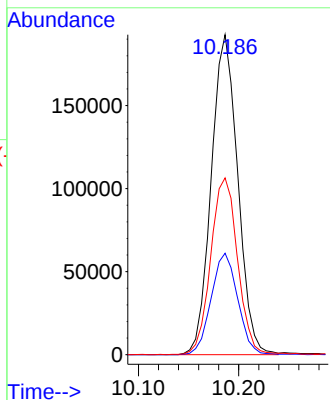
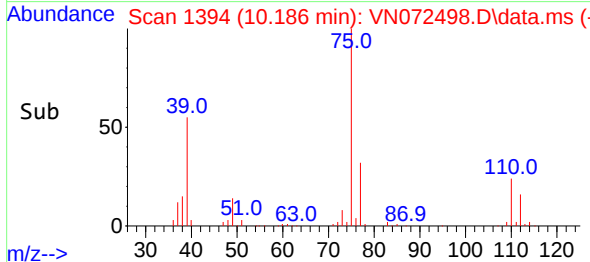
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



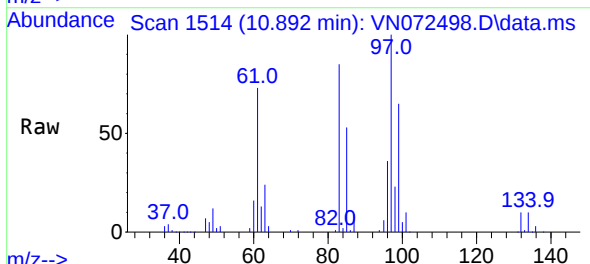
Tgt Ion: 75 Resp: 353874
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 55.2 46.2 69.4

Manual Integrations
APPROVED

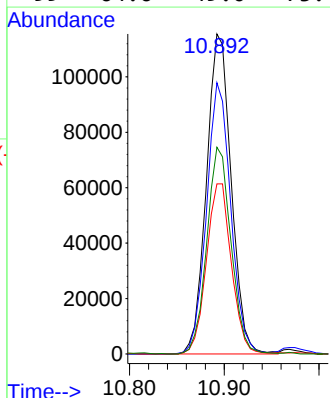
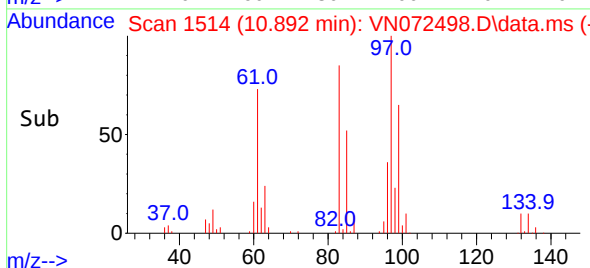
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

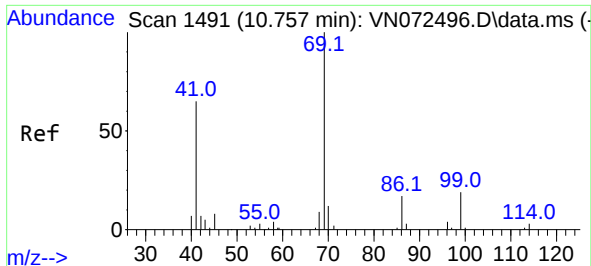


#50
1,1,2-Trichloroethane
Concen: 119.313 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



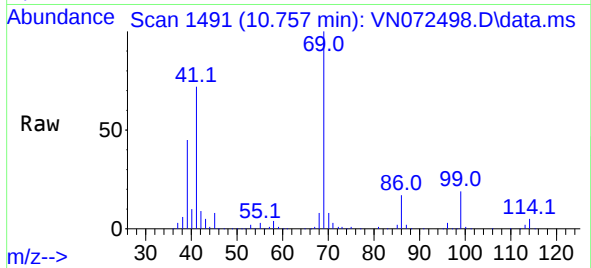
Tgt Ion: 97 Resp: 210125
Ion Ratio Lower Upper
97 100
83 84.5 67.2 100.8
85 53.1 43.0 64.4
99 64.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 127.847 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

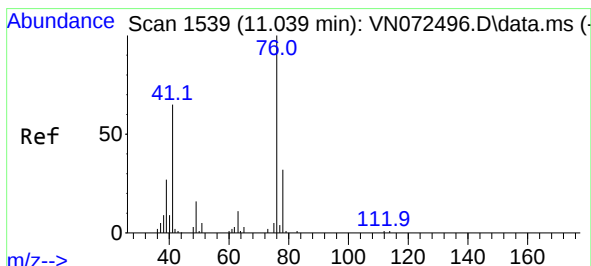
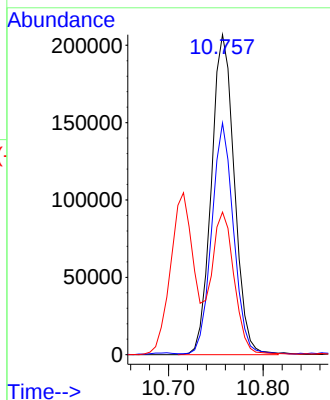
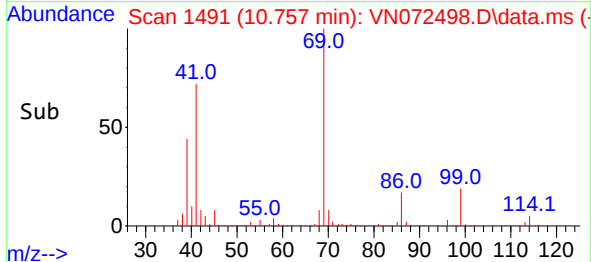
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



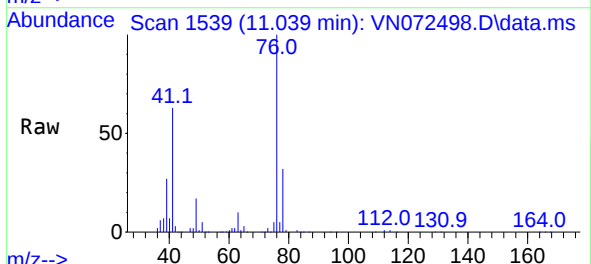
Tgt Ion: 69 Resp: 348798
Ion Ratio Lower Upper
69 100
41 72.1 33.0 98.9
39 44.2 25.4 76.4

Manual Integrations
APPROVED

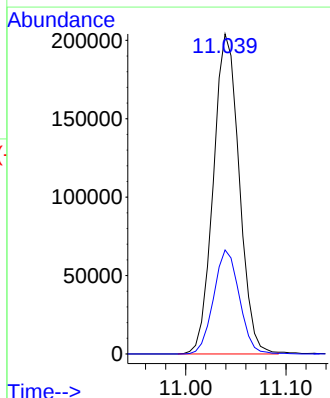
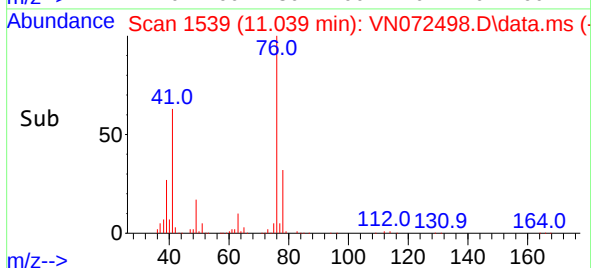
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

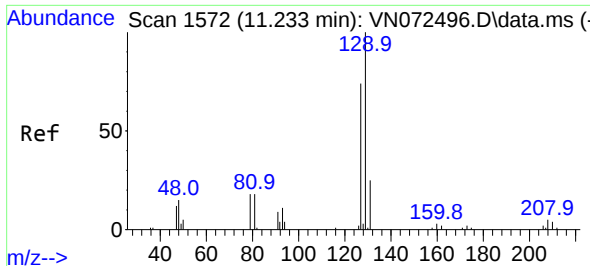


#52
1,3-Dichloropropane
Concen: 120.751 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 76 Resp: 365787
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





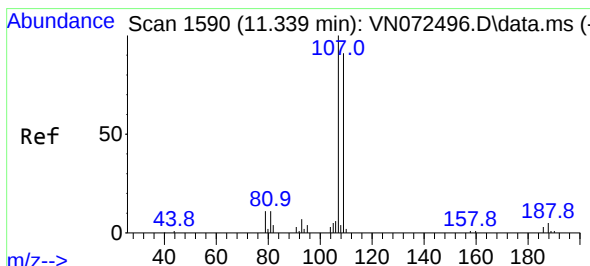
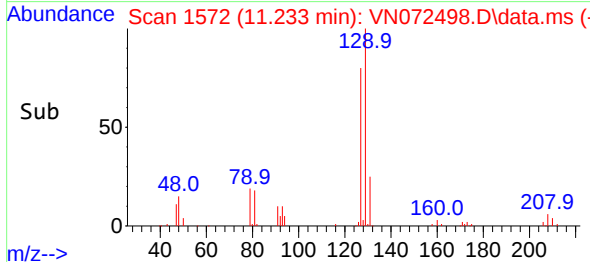
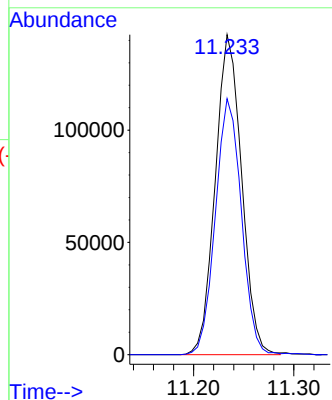
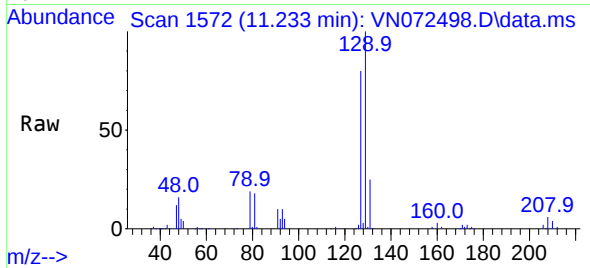
#53
Dibromochloromethane
Concen: 133.037 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 259860
Ion Ratio Lower Upper
129 100
127 78.7 39.0 117.0

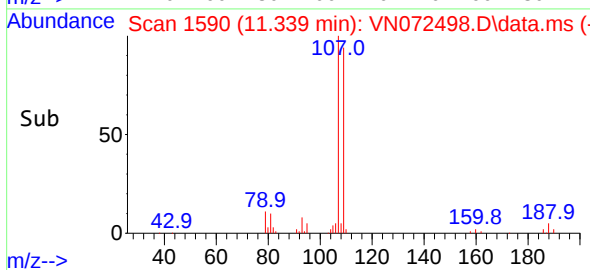
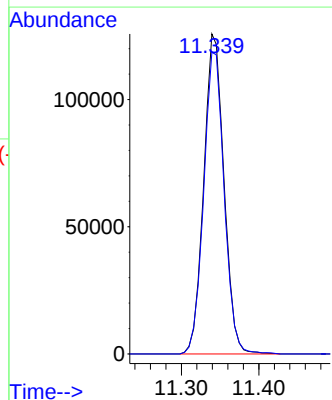
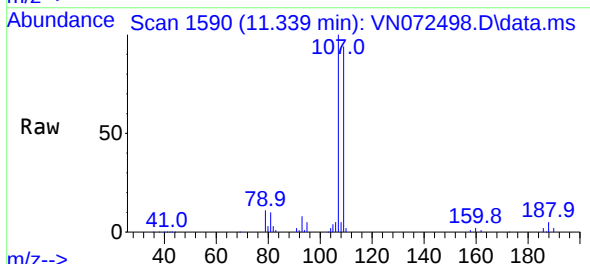
Manual Integrations
APPROVED

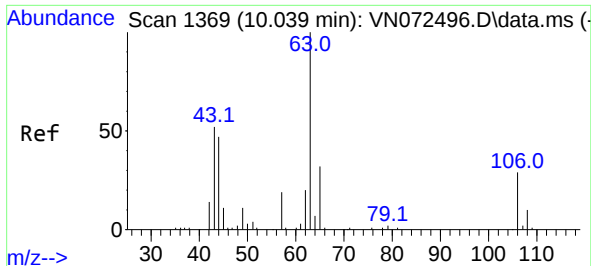
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#54
1,2-Dibromoethane
Concen: 124.566 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion:107 Resp: 227451
Ion Ratio Lower Upper
107 100
109 95.5 72.8 109.2





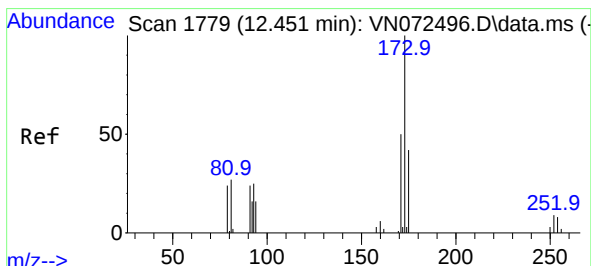
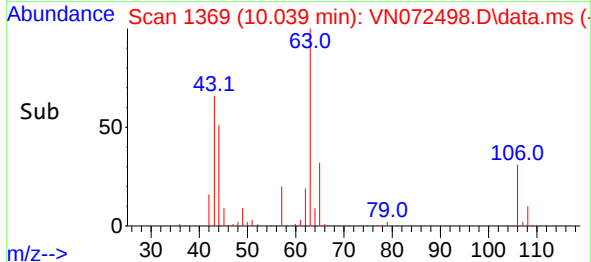
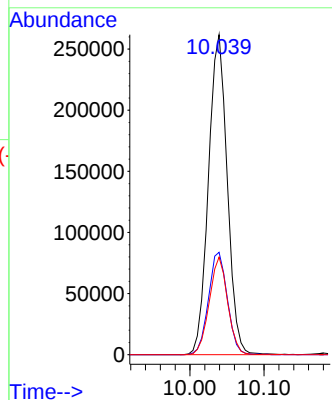
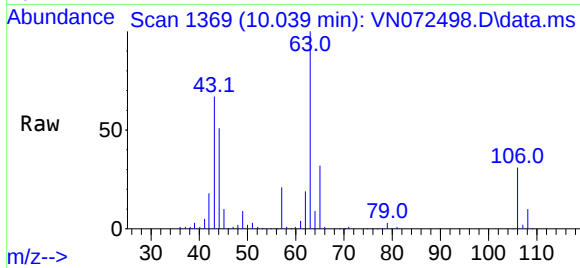
#55
2-Chloroethyl vinyl ether
Concen: 667.975 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 460850
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 29.8 23.2 34.8

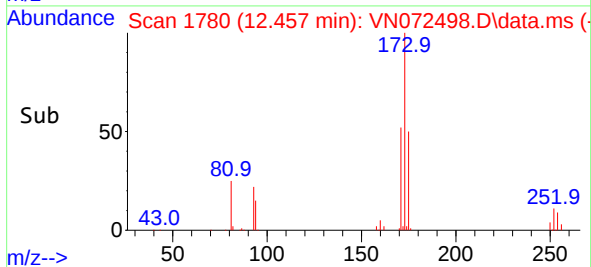
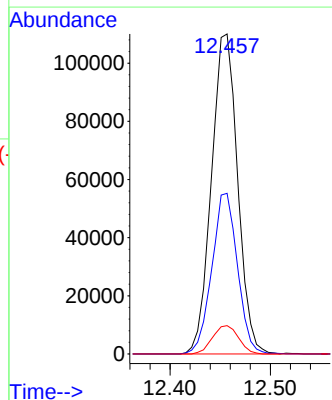
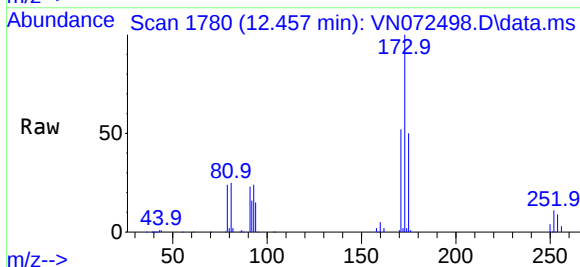
Manual Integrations
APPROVED

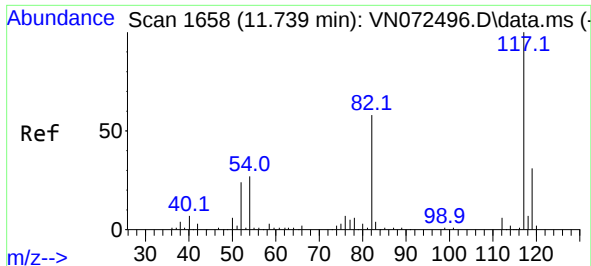
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#56
Bromoform
Concen: 136.776 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion:173 Resp: 199818
Ion Ratio Lower Upper
173 100
175 48.9 38.6 58.0
254 8.8 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

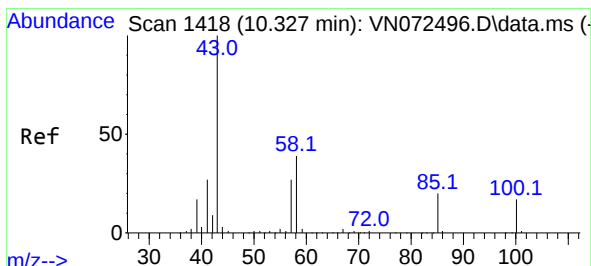
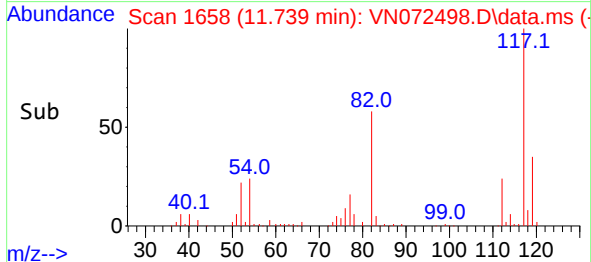
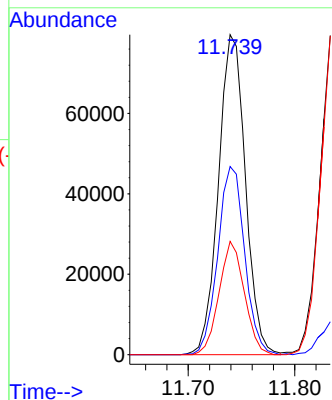
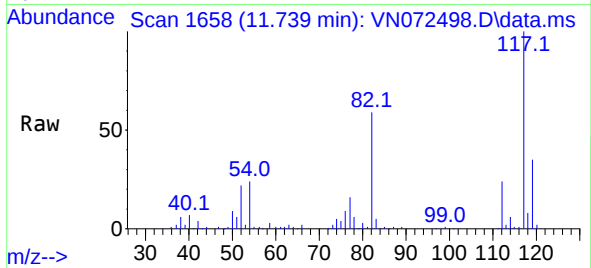
VSTDICC100

Tgt Ion:117 Resp: 139980
Ion Ratio Lower Upper
117 100
82 58.6 43.6 65.4
119 33.2 25.8 38.6

Manual Integrations

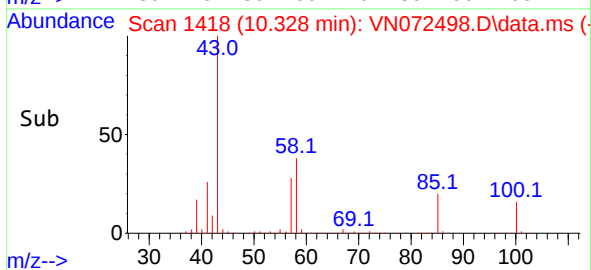
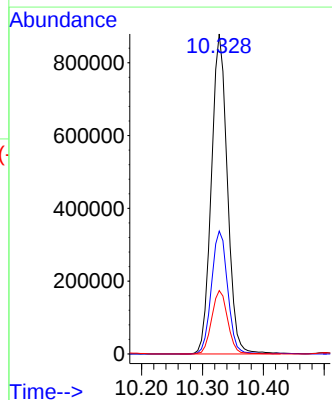
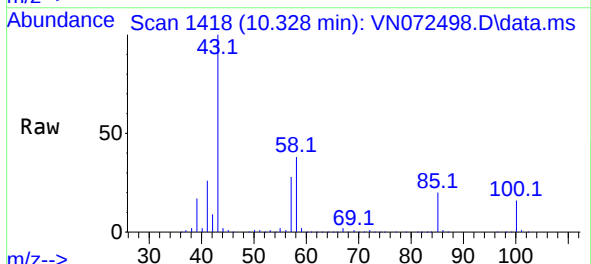
APPROVED

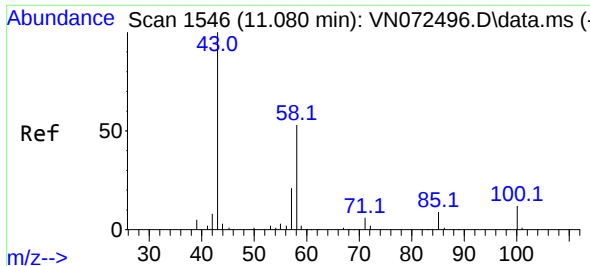
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#58
4-Methyl-2-Pentanone
Concen: 632.501 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion: 43 Resp: 1604715
Ion Ratio Lower Upper
43 100
58 38.8 30.0 45.0
85 19.9 15.0 22.6





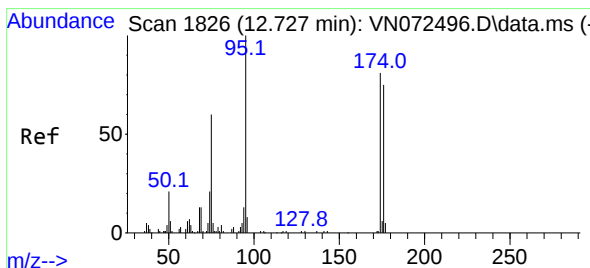
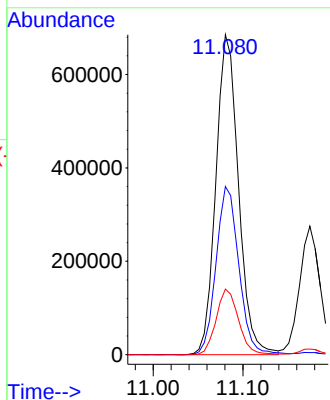
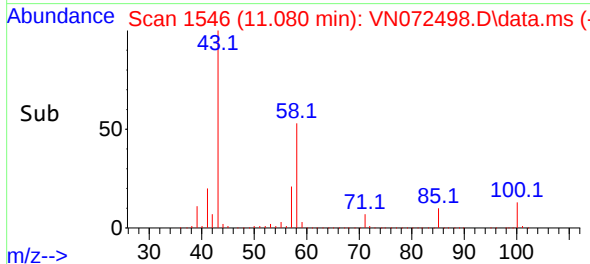
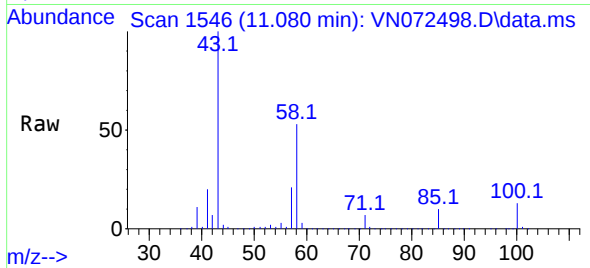
#59
2-Hexanone
Concen: 644.703 ug/l
RT: 11.080 min Scan# 119827
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 119827
Ion Ratio Lower Upper
43 100
58 53.1 42.2 63.2
57 20.3 15.0 22.4

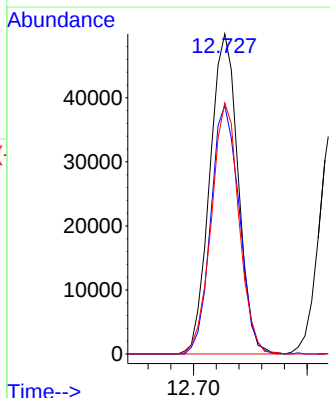
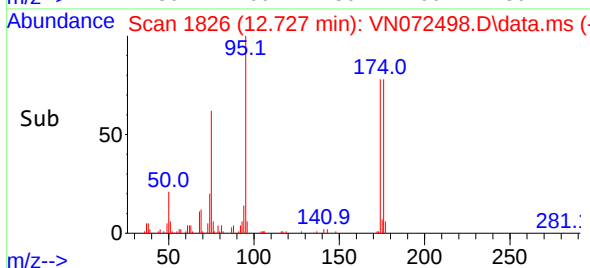
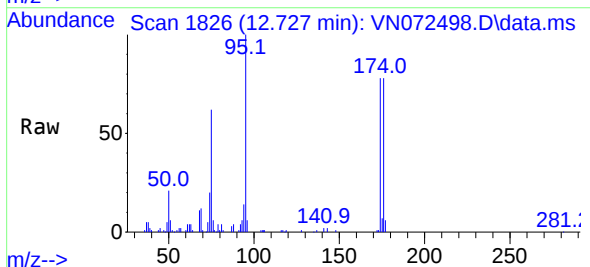
Manual Integrations
APPROVED

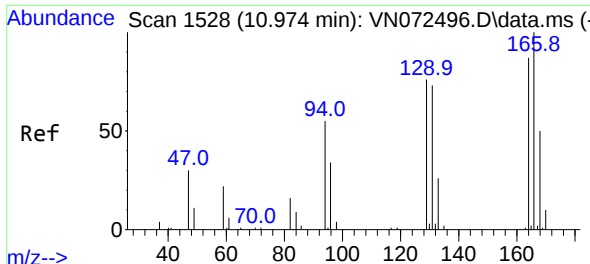
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#60
4-Bromofluorobenzene
Concen: 37.321 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion: 95 Resp: 86346
Ion Ratio Lower Upper
95 100
174 77.8 62.9 94.3
176 76.6 61.0 91.4





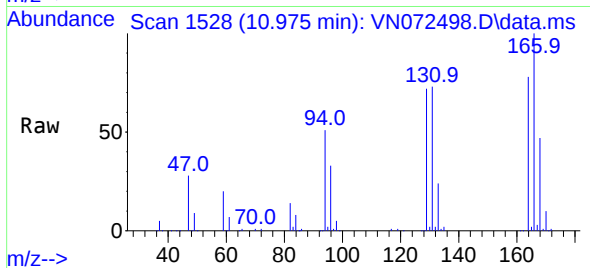
#61
Tetrachloroethene
Concen: 120.818 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



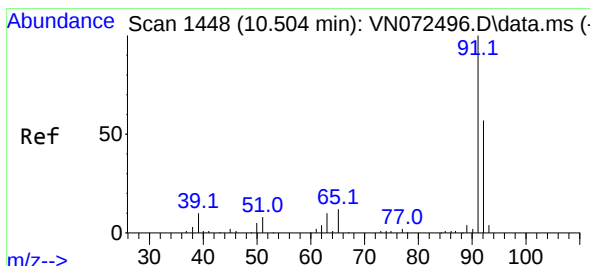
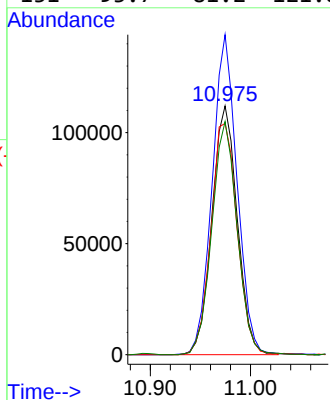
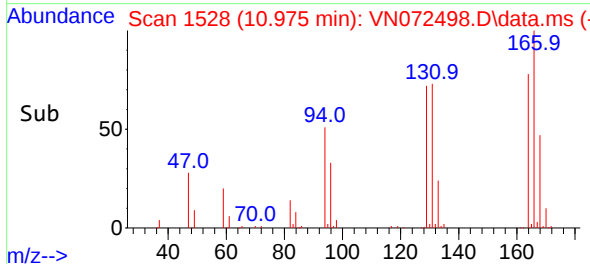
Tgt Ion:164 Resp: 197312
Ion Ratio Lower Upper
164 100
166 128.5 105.8 158.8
129 93.0 82.5 123.7
131 93.7 81.2 121.8

Manual Integrations

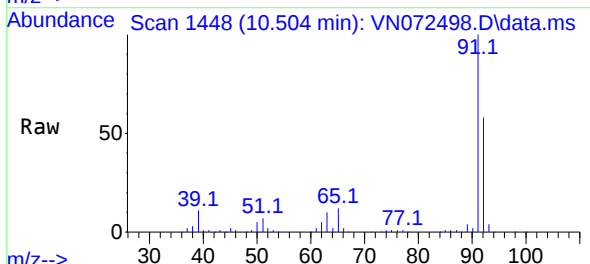
APPROVED

Reviewed By :John Carlone 05/17/2022

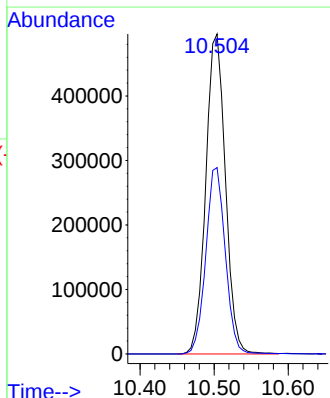
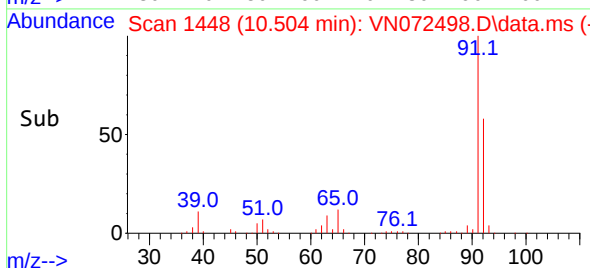
Supervised By :Mahesh Dadoda 05/17/2022

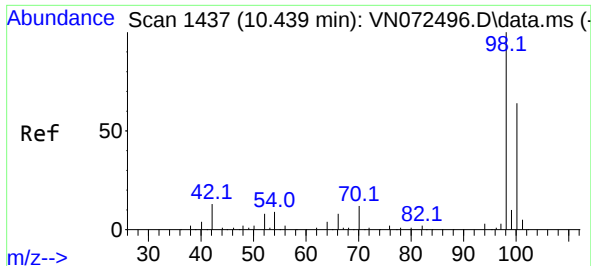


#62
Toluene
Concen: 117.352 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 91 Resp: 912415
Ion Ratio Lower Upper
91 100
92 57.8 44.6 67.0





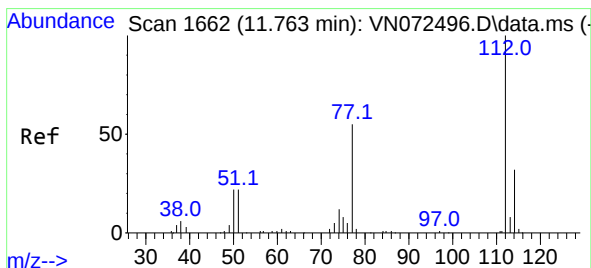
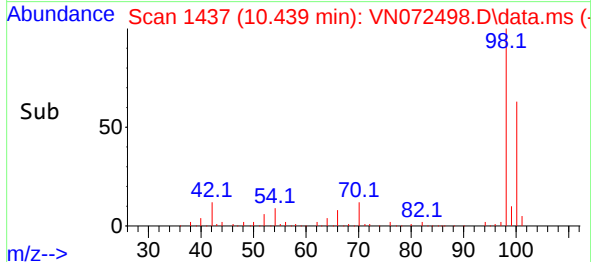
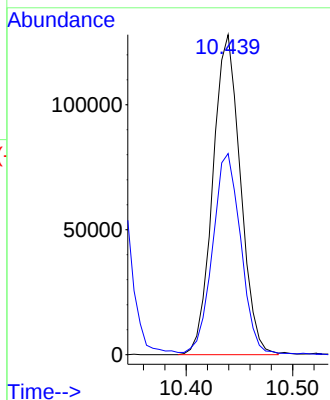
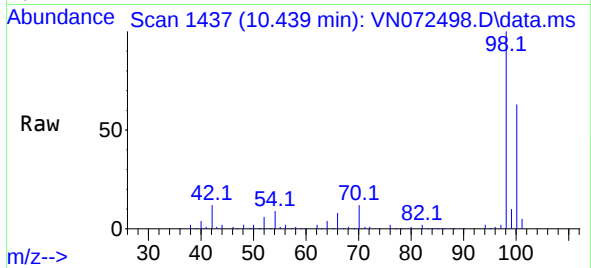
#63
Toluene-d8
Concen: 33.496 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 230205
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

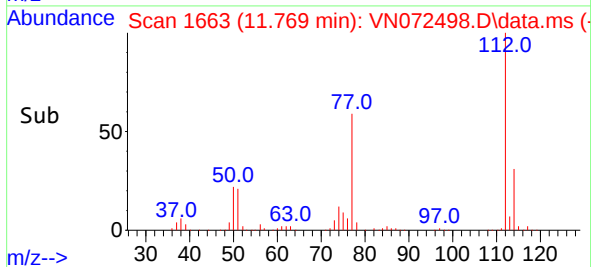
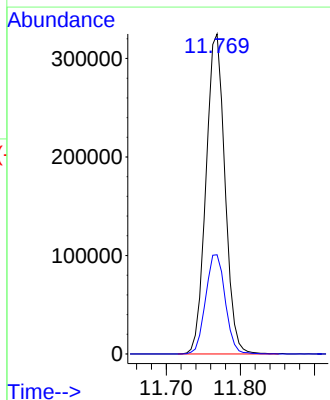
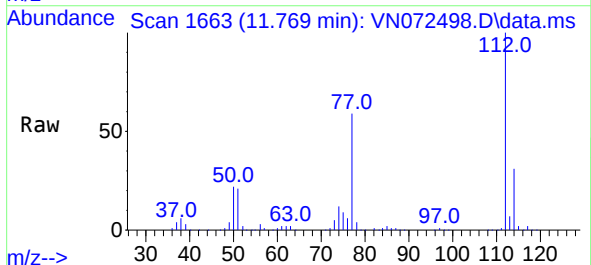
Manual Integrations
APPROVED

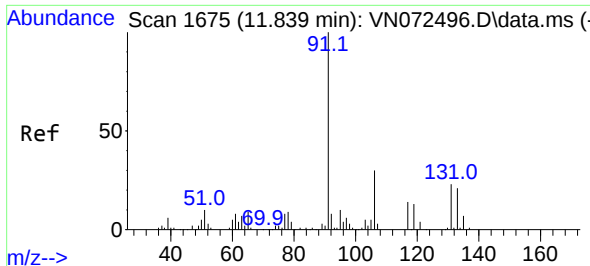
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#64
Chlorobenzene
Concen: 119.939 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

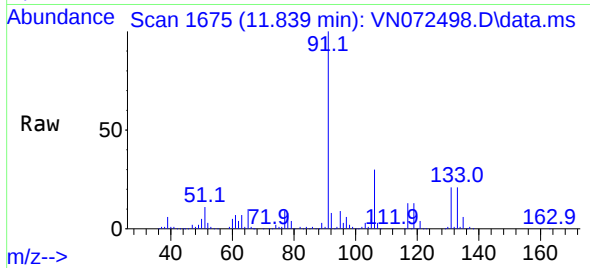
Tgt Ion:112 Resp: 575974
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 126.517 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

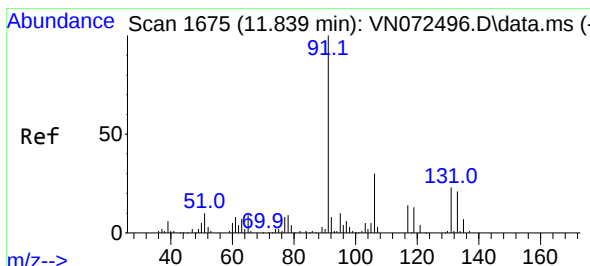
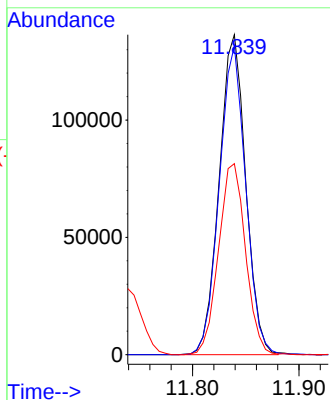
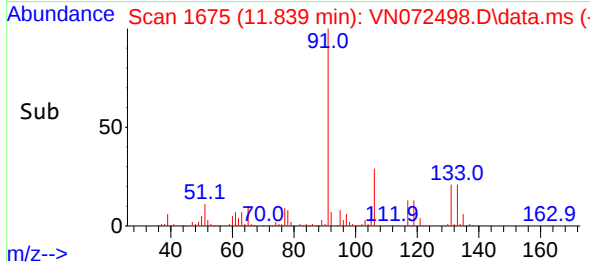
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



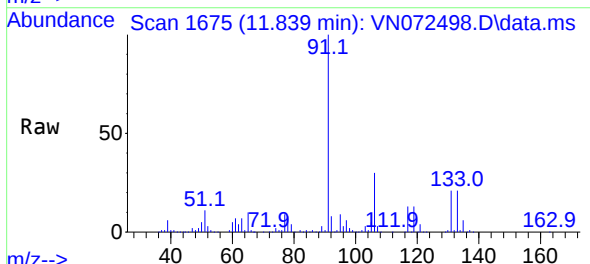
Tgt Ion:131 Resp: 235938
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.2
119 60.7 0.0 128.8

Manual Integrations
APPROVED

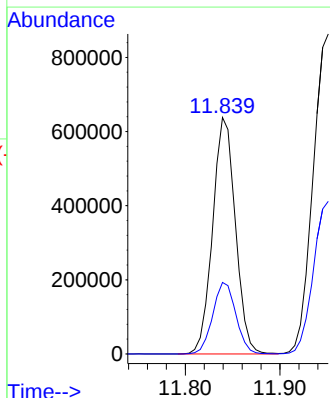
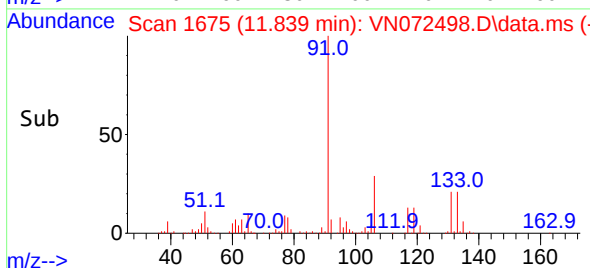
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

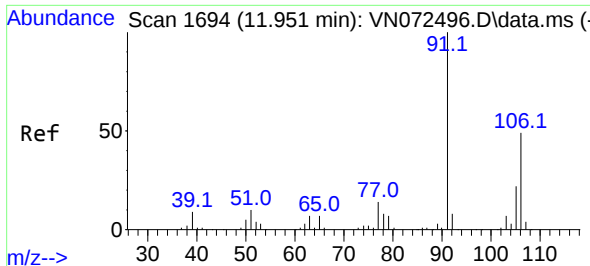


#66
Ethyl Benzene
Concen: 124.513 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 91 Resp: 1066631
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





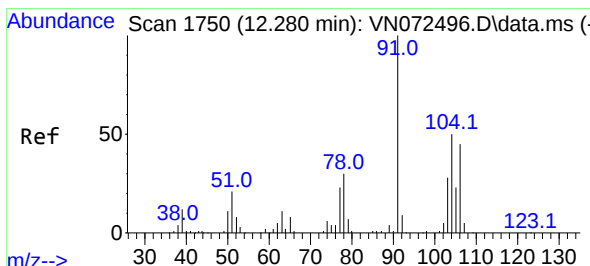
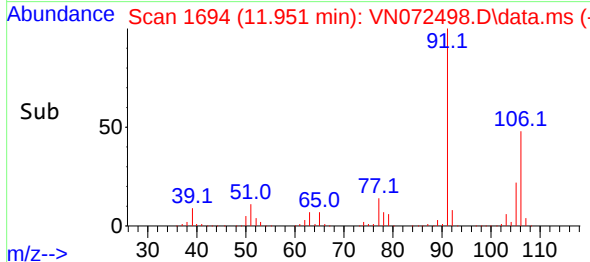
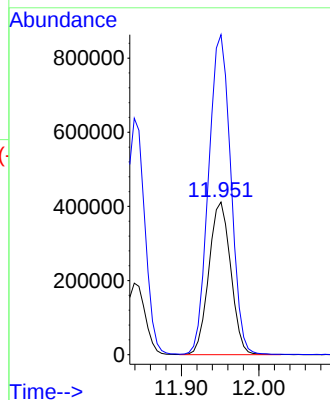
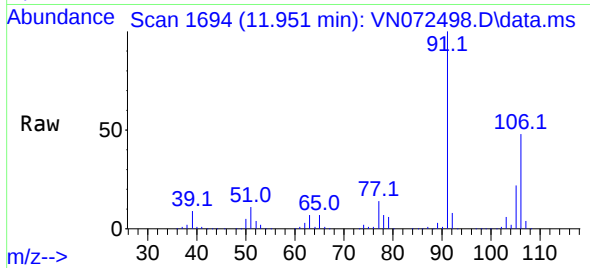
#67
m/p-Xylenes
Concen: 245.621 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 808210
Ion Ratio Lower Upper
106 100
91 212.2 162.9 244.3

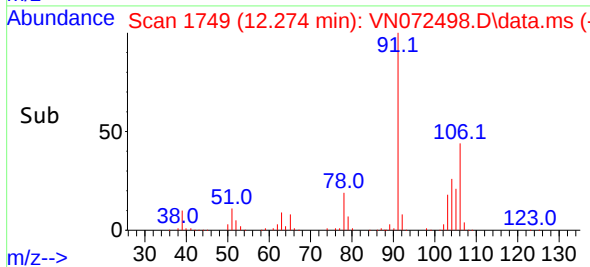
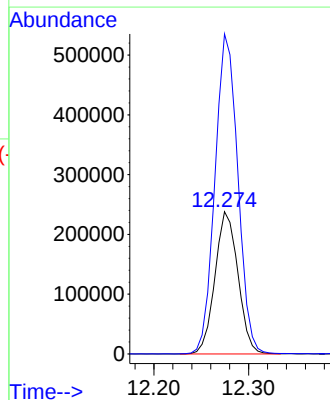
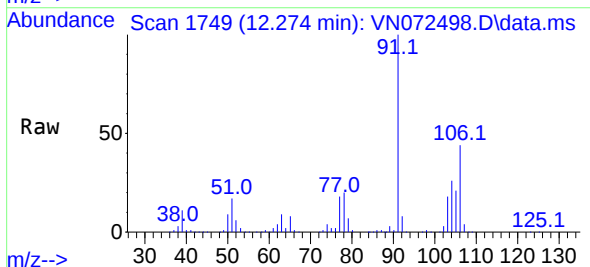
Manual Integrations
APPROVED

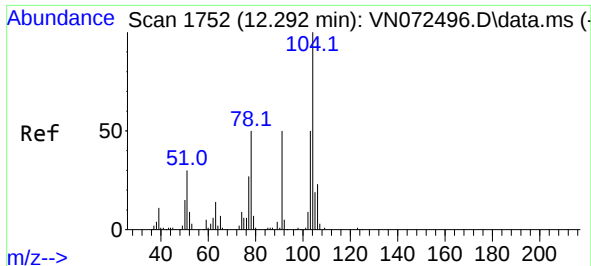
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#68
o-Xylene
Concen: 122.580 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

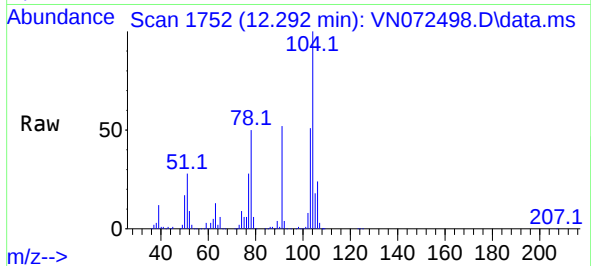
Tgt Ion:106 Resp: 402142
Ion Ratio Lower Upper
106 100
91 224.0 107.7 323.1





#69
Styrene
Concen: 127.495 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

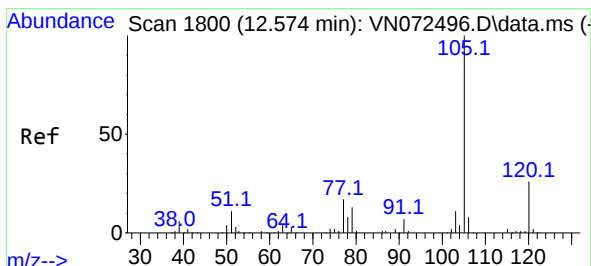
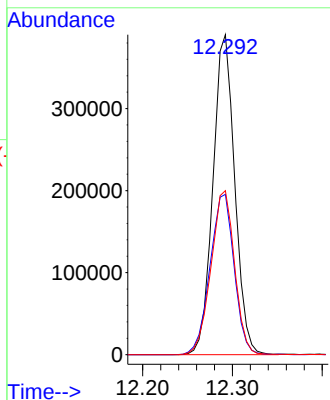
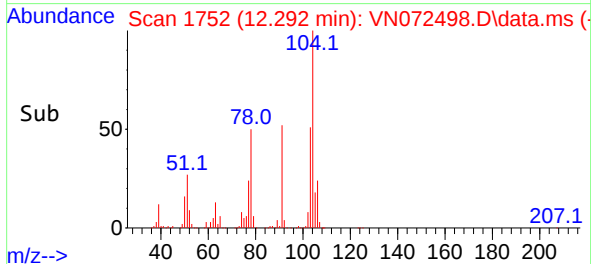
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



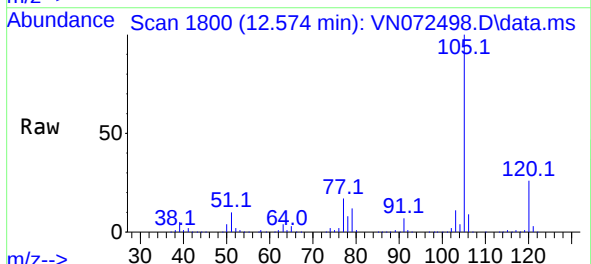
Tgt Ion:104 Resp: 658398
Ion Ratio Lower Upper
104 100
78 55.5 40.7 61.1
103 55.3 45.8 68.8

Manual Integrations
APPROVED

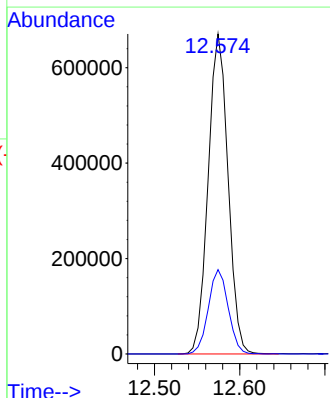
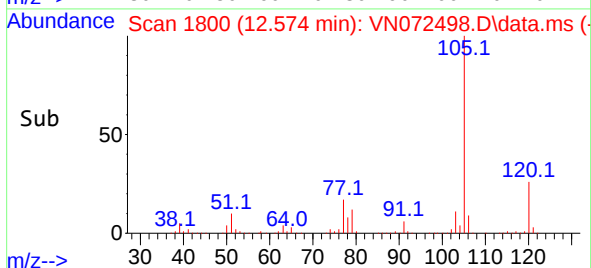
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

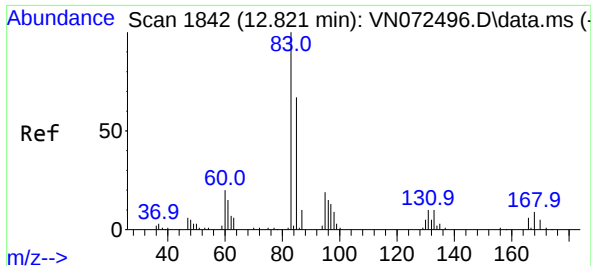


#70
Isopropylbenzene
Concen: 130.225 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



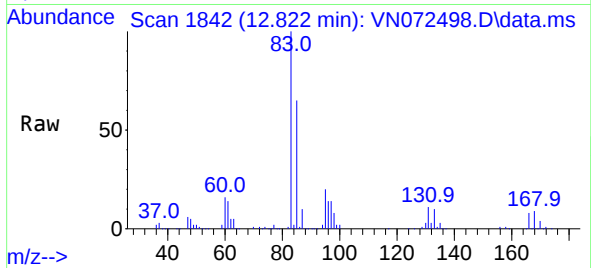
Tgt Ion:105 Resp: 1086515
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 118.612 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

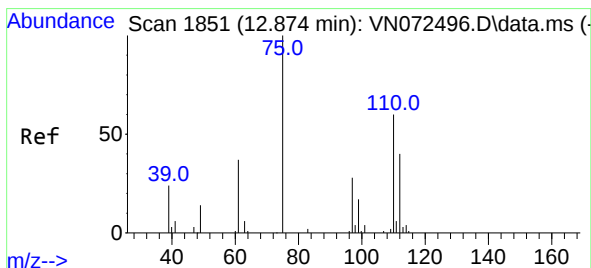
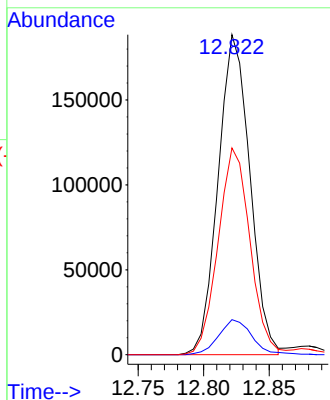
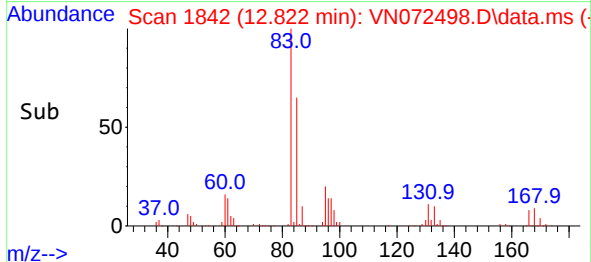
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 317120
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.3
85 65.0 33.1 99.2

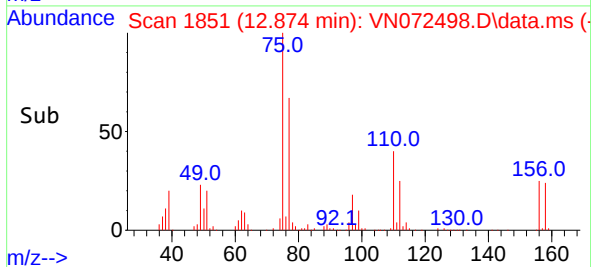
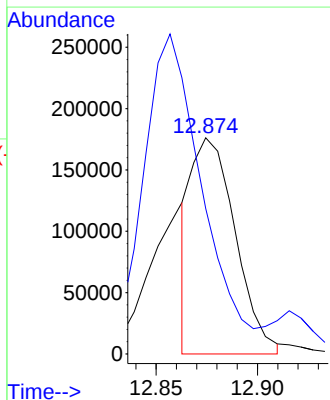
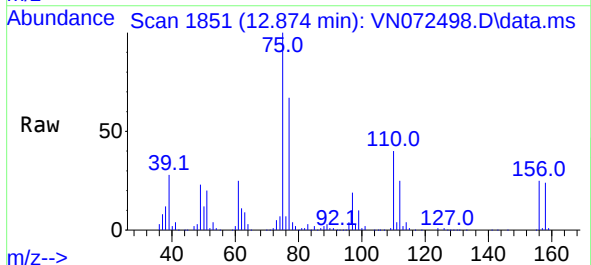
Manual Integrations
APPROVED

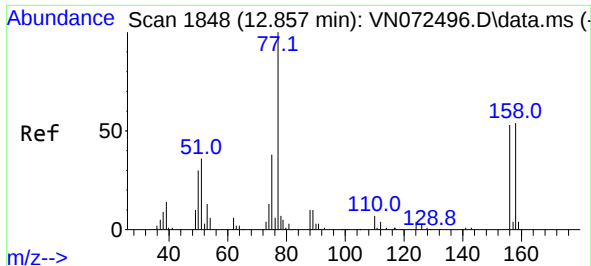
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
1,2,3-Trichloropropane
Concen: 111.966 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion: 75 Resp: 265313
Ion Ratio Lower Upper
75 100
77 197.7 0.0 378.0





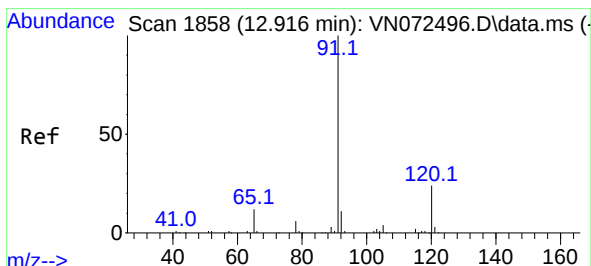
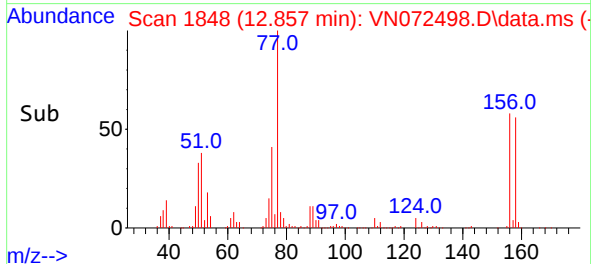
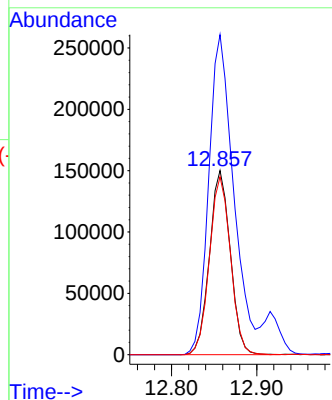
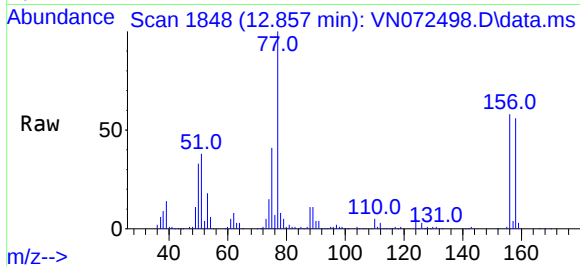
#73
Bromobenzene
Concen: 125.687 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 25534
Ion Ratio Lower Upper
156 100
77 205.5 0.0 416.0
158 97.2 0.0 195.4

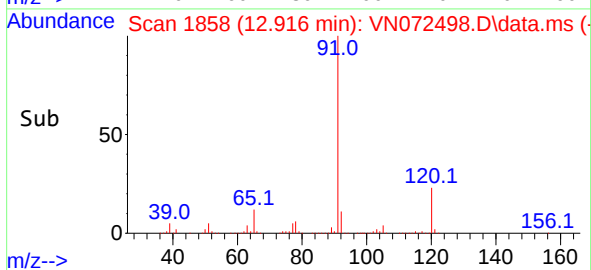
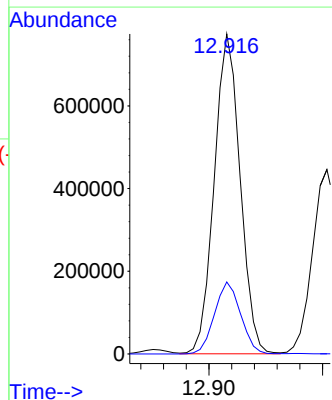
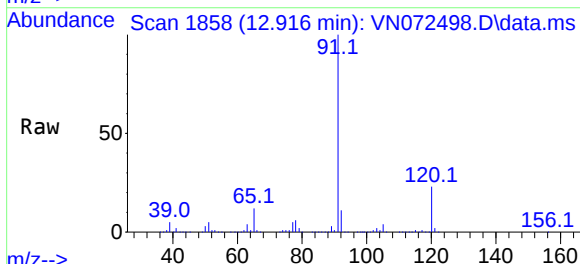
Manual Integrations
APPROVED

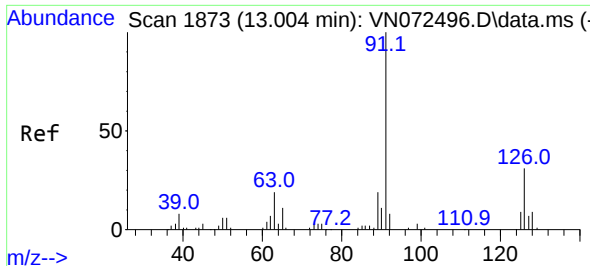
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#74
n-propylbenzene
Concen: 135.500 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion: 91 Resp: 1224099
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.0





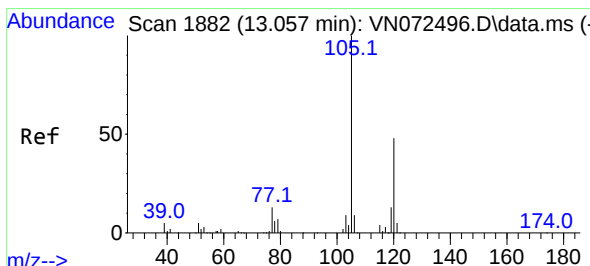
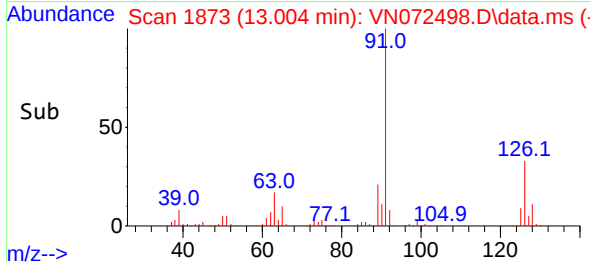
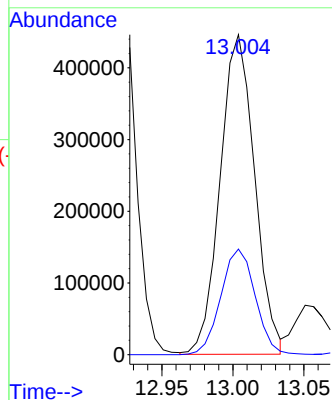
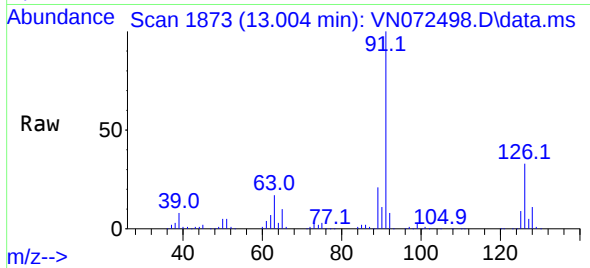
#75
2-Chlorotoluene
Concen: 129.527 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 75212
Ion Ratio Lower Upper
91 100
126 33.0 0.0 69.8

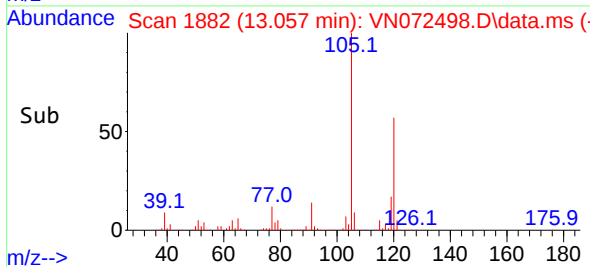
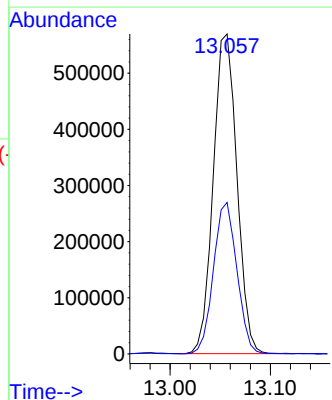
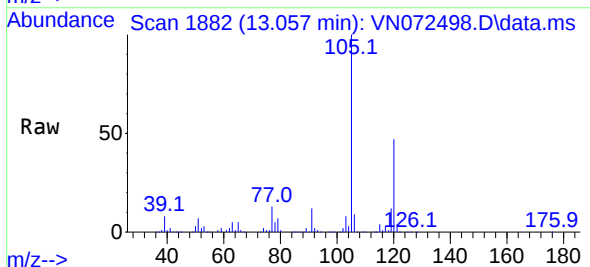
Manual Integrations
APPROVED

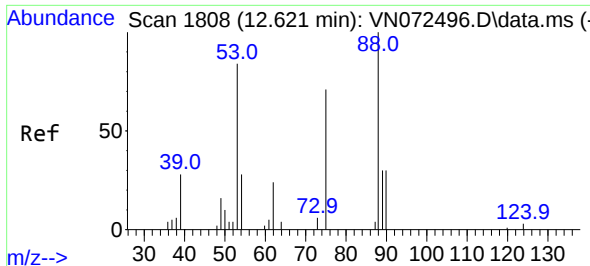
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#76
1,3,5-Trimethylbenzene
Concen: 136.958 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

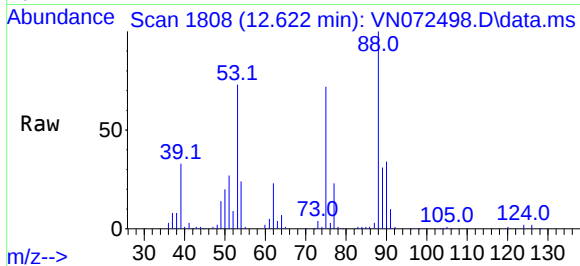
Tgt Ion:105 Resp: 934237
Ion Ratio Lower Upper
105 100
120 46.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 135.743 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

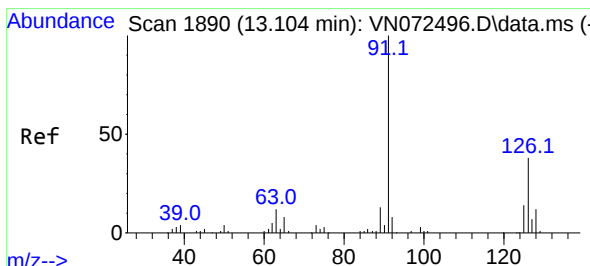
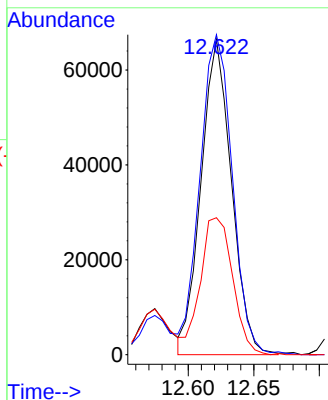
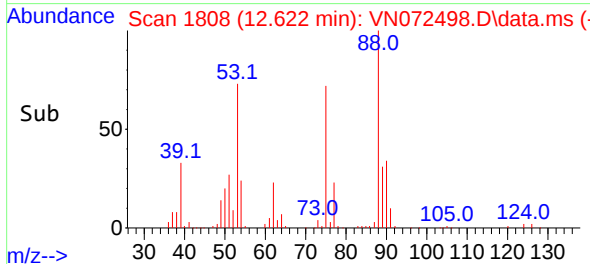
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



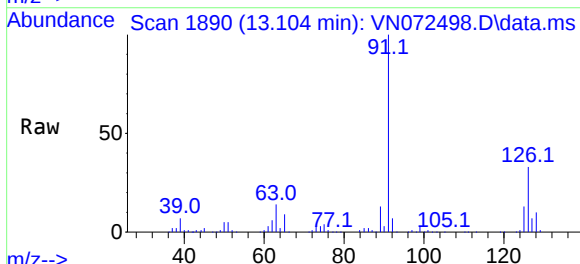
Tgt Ion: 75 Resp: 10724
Ion Ratio Lower Upper
75 100
53 101.0 51.8 155.5
89 43.3 22.9 68.7

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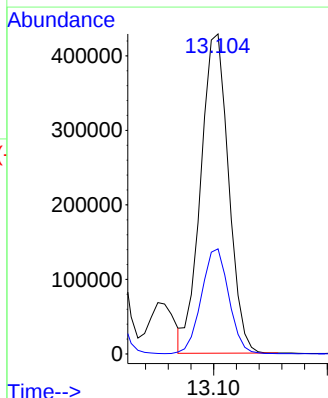
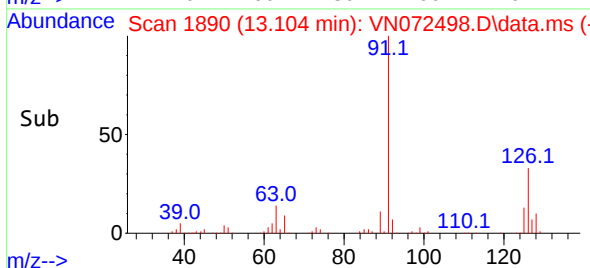
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

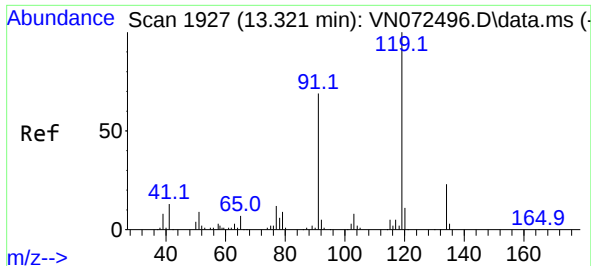


#78
4-Chlorotoluene
Concen: 135.806 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion: 91 Resp: 729635
Ion Ratio Lower Upper
91 100
126 32.7 0.0 70.6





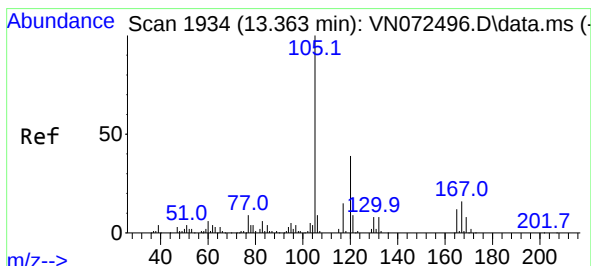
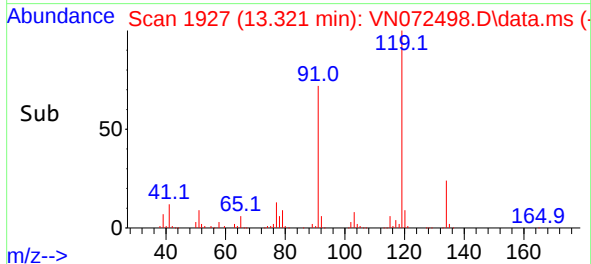
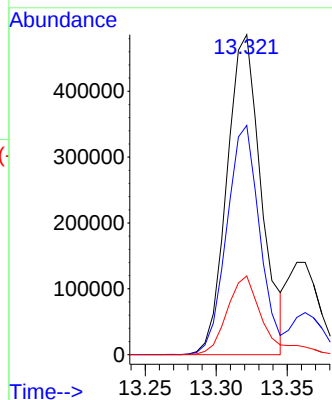
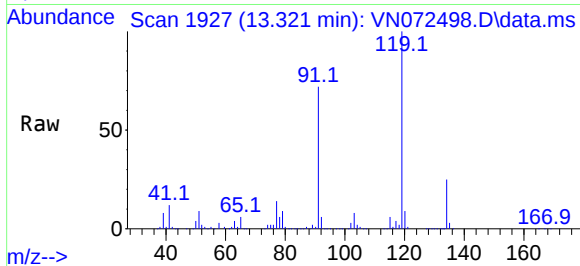
#79
tert-butylbenzene
Concen: 134.093 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 817650
Ion Ratio Lower Upper
119 100
91 68.7 0.0 137.0
134 24.2 0.0 47.6

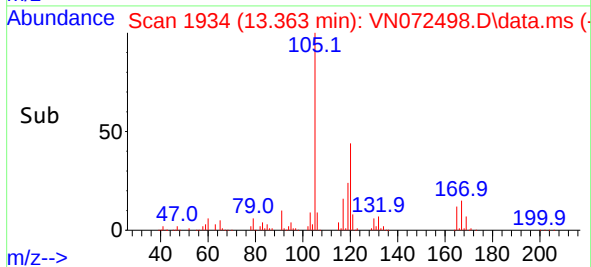
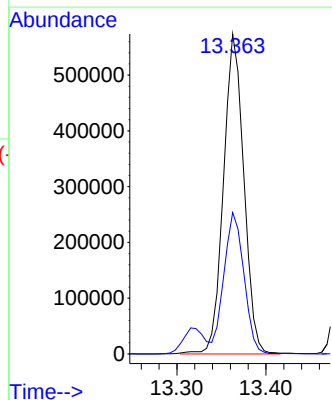
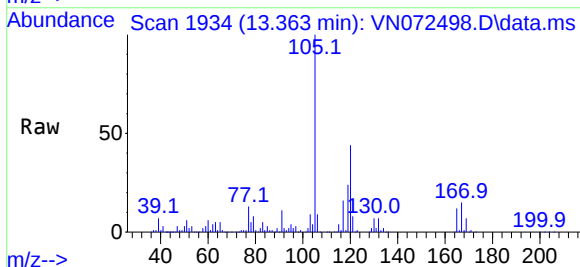
Manual Integrations
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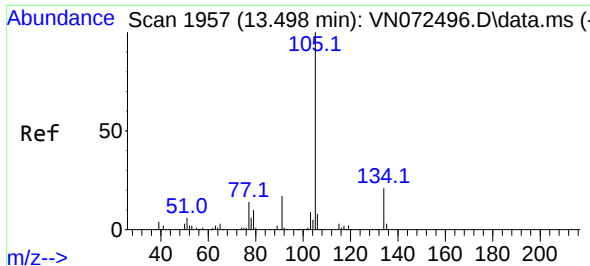
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#80
1,2,4-Trimethylbenzene
Concen: 137.175 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion:105 Resp: 910521
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





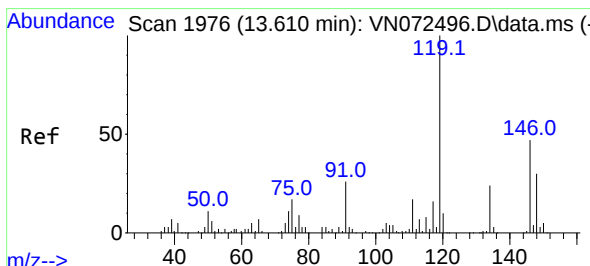
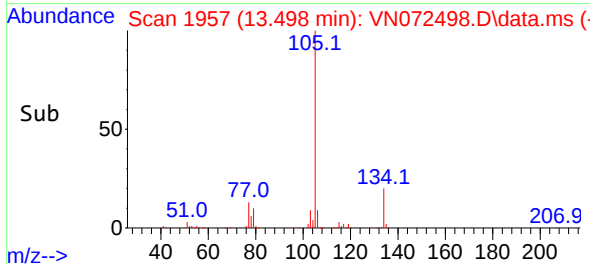
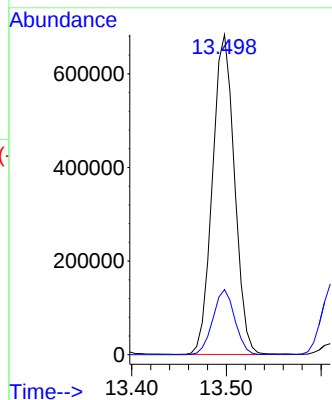
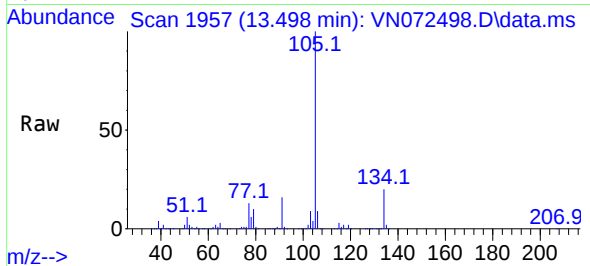
#81
 sec-Butylbenzene
 Concen: 136.206 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072498.D
 Acq: 16 May 2022 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 110671
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.4

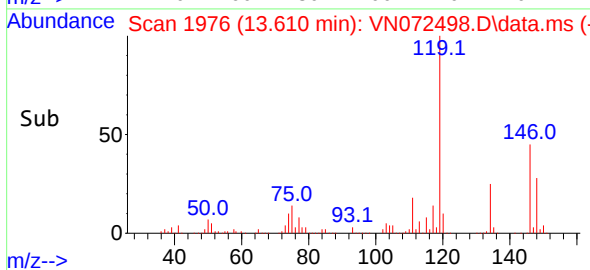
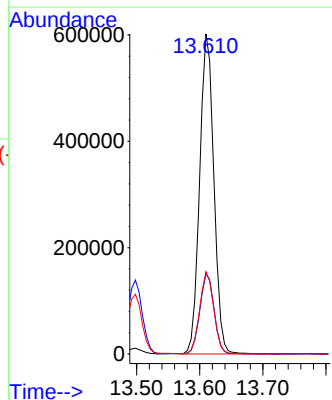
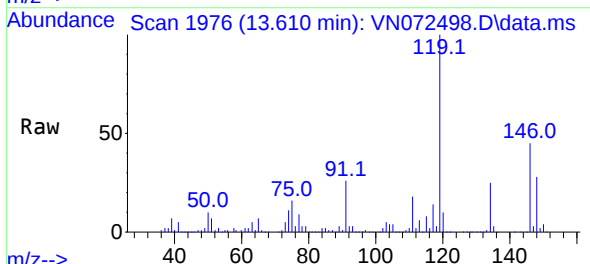
Manual Integrations
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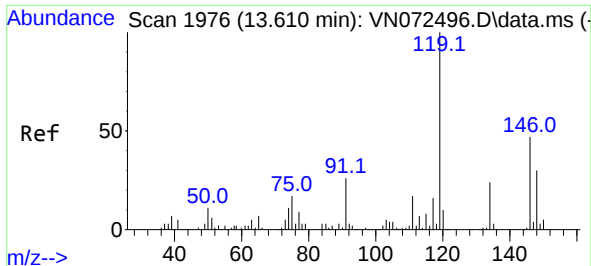
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#82
 p-Isopropyltoluene
 Concen: 141.309 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072498.D
 Acq: 16 May 2022 13:28

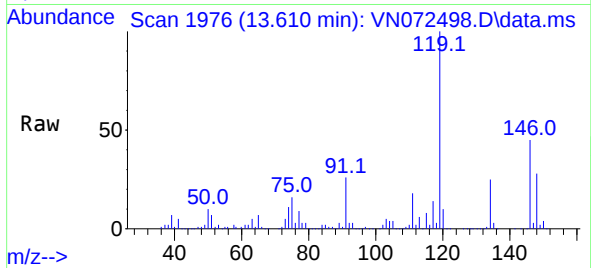
Tgt Ion:119 Resp: 939666
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 51.8
 91 25.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 134.258 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

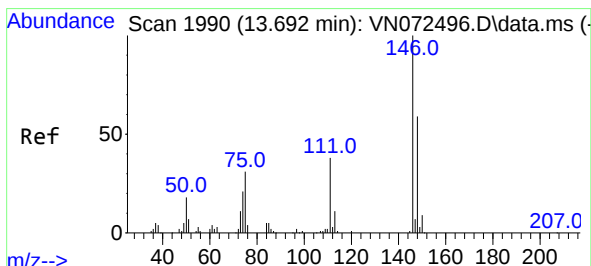
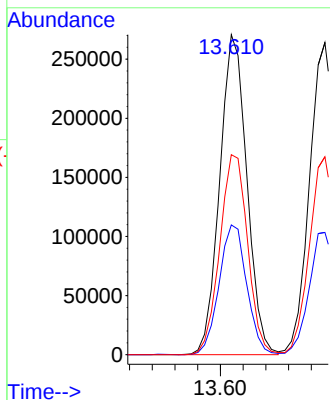
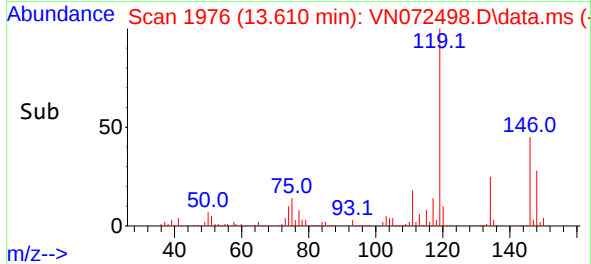
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



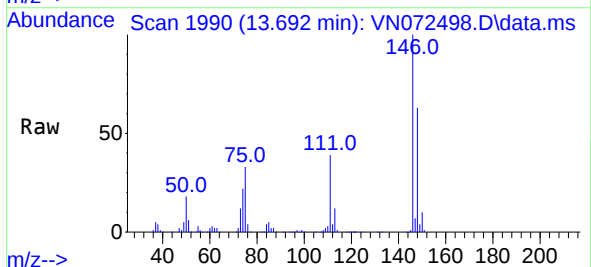
Tgt Ion:146 Resp: 449218
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.2
148 64.1 31.4 94.3

Manual Integrations
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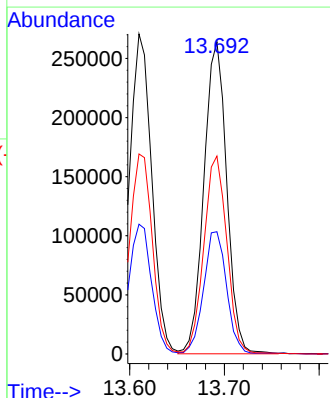
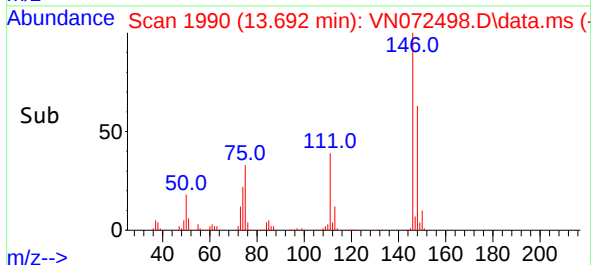
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

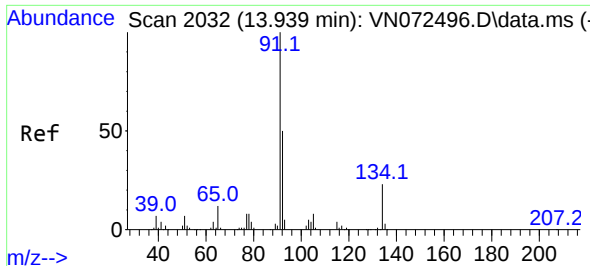


#84
1,4-Dichlorobenzene
Concen: 137.414 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion:146 Resp: 441680
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 64.2 31.1 93.5





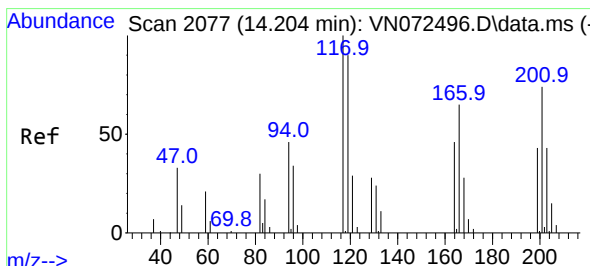
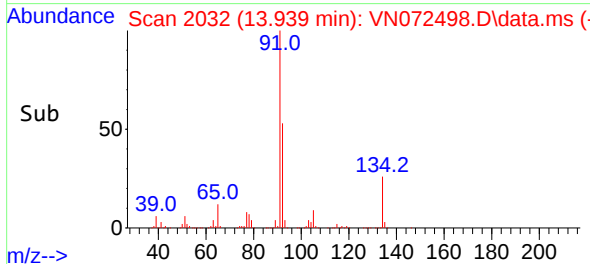
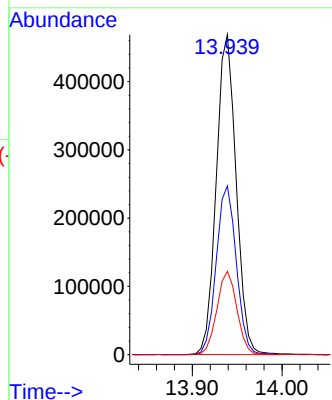
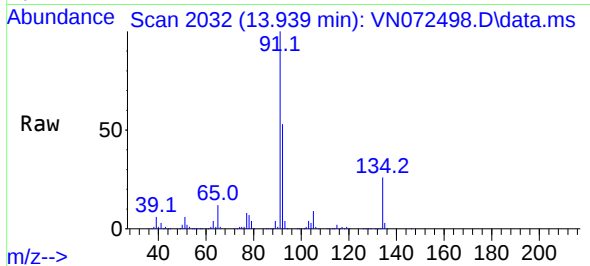
#85
n-Butylbenzene
Concen: 148.701 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 720980
Ion Ratio Lower Upper
91 100
92 53.3 0.0 100.6
134 26.3 0.0 50.2

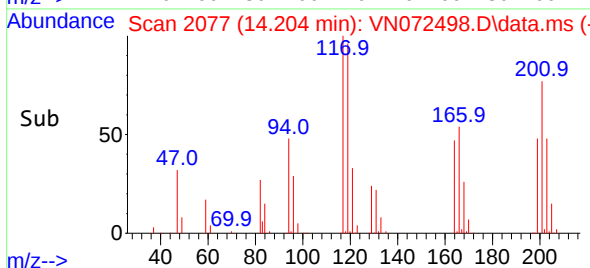
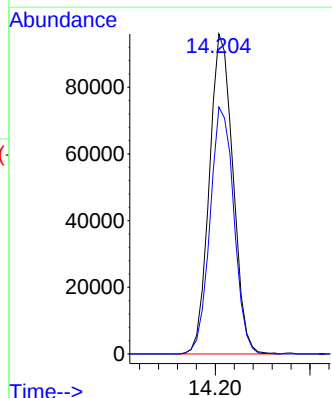
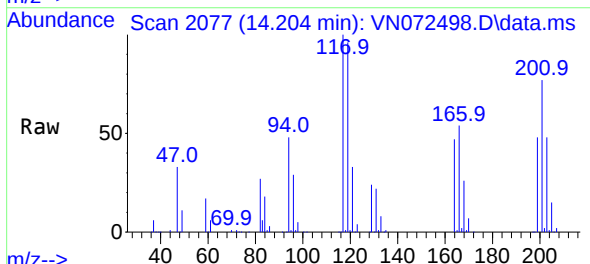
Manual Integrations
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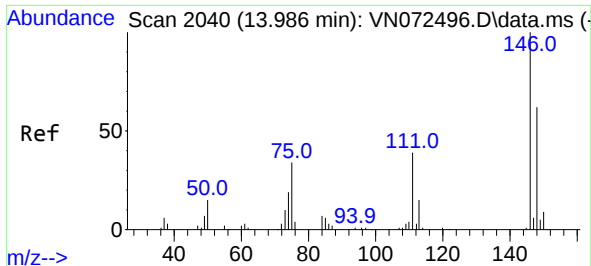
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#86
Hexachloroethane
Concen: 136.810 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

Tgt Ion:117 Resp: 166473
Ion Ratio Lower Upper
117 100
201 77.9 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 132.712 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072498.D

Acq: 16 May 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 431280

Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.2

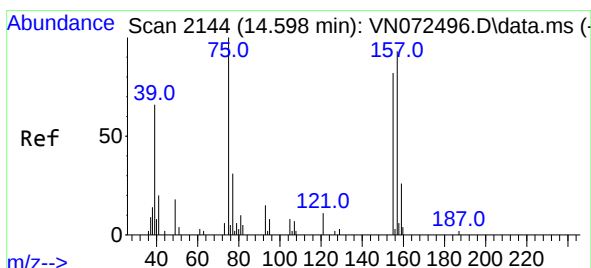
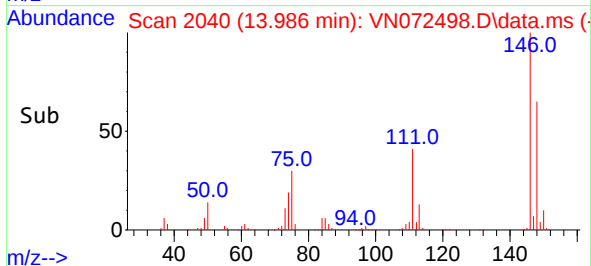
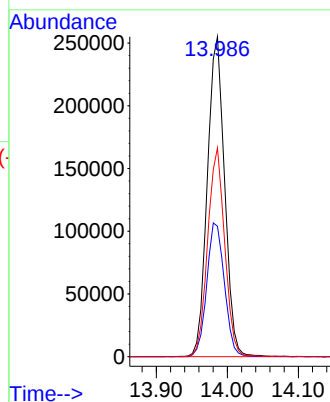
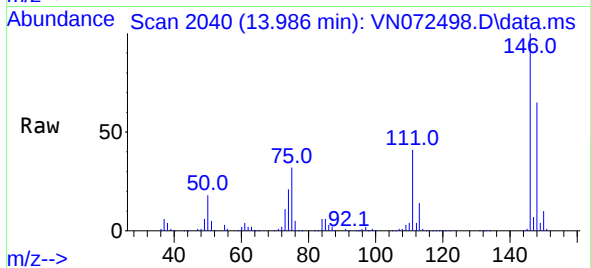
148 64.3 32.5 97.4

Manual Integrations

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Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 149.794 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072498.D

Acq: 16 May 2022 13:28

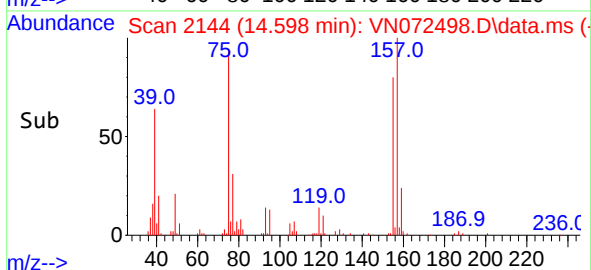
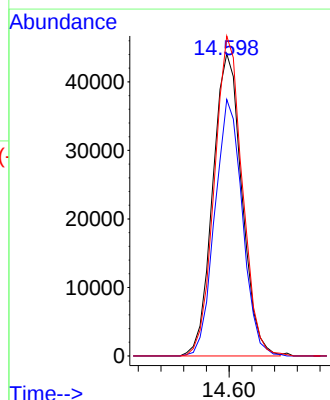
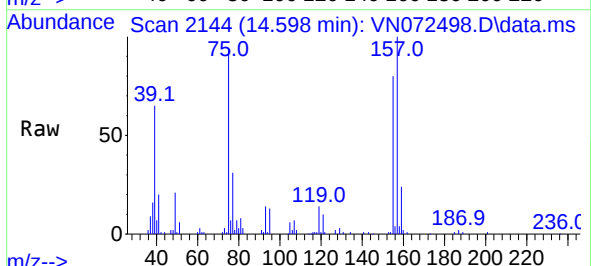
Tgt Ion: 75 Resp: 78456

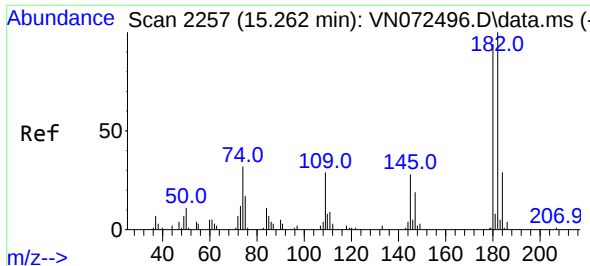
Ion Ratio Lower Upper

75 100

155 80.3 63.8 95.8

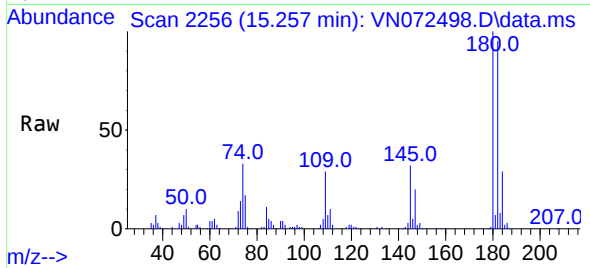
157 101.2 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 151.720 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

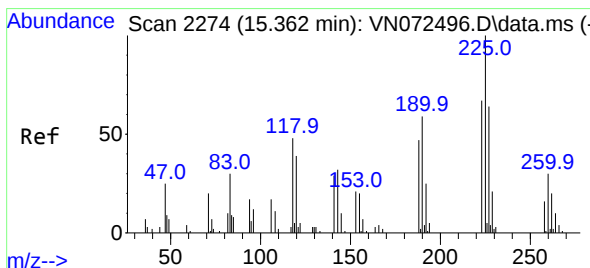
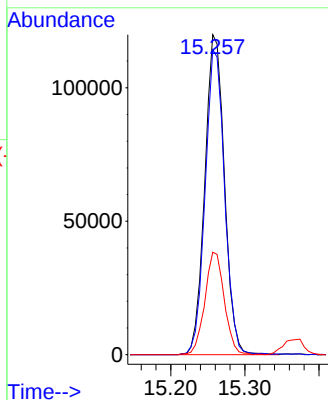
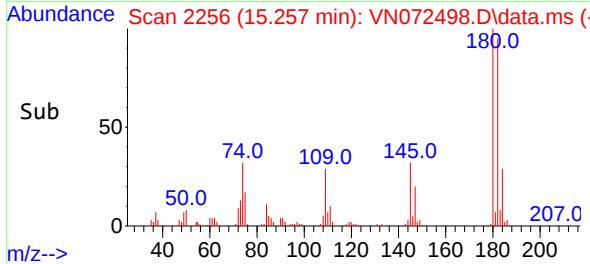
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



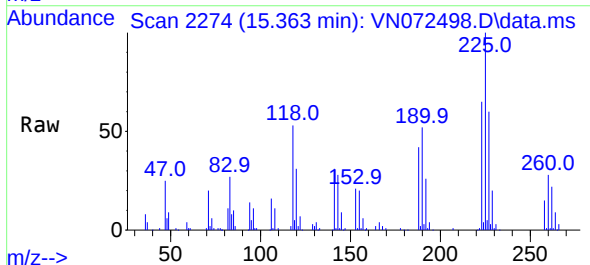
Tgt Ion:180 Resp: 220390
Ion Ratio Lower Upper
180 100
182 94.0 77.7 116.5
145 31.7 26.6 39.8

Manual Integrations
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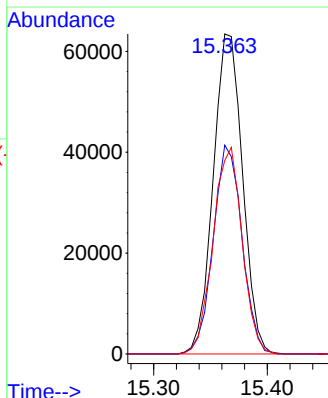
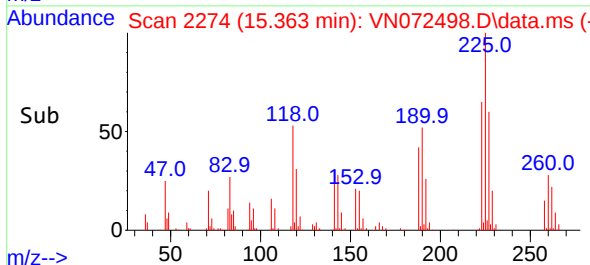
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

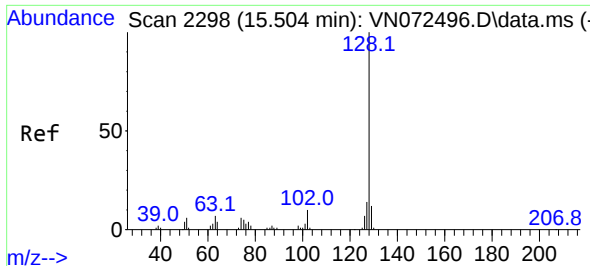


#90
Hexachlorobutadiene
Concen: 126.096 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



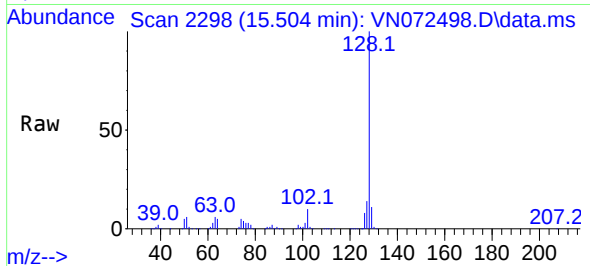
Tgt Ion:225 Resp: 113973
Ion Ratio Lower Upper
225 100
223 64.2 0.0 126.8
227 63.9 0.0 123.0





#91
Naphthalene
Concen: 174.511 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28

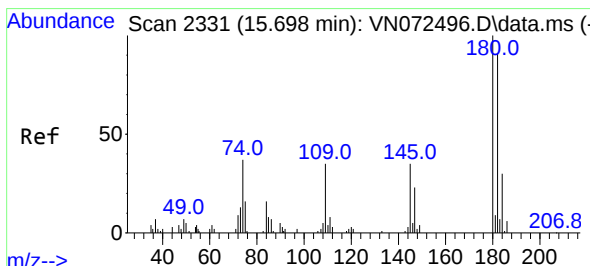
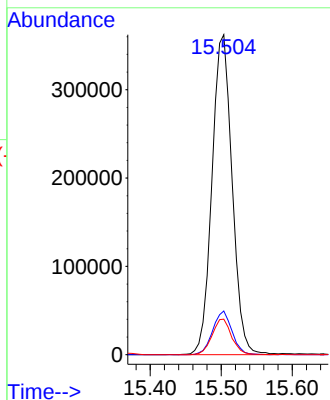
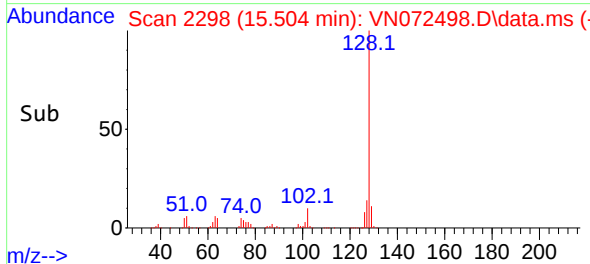
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



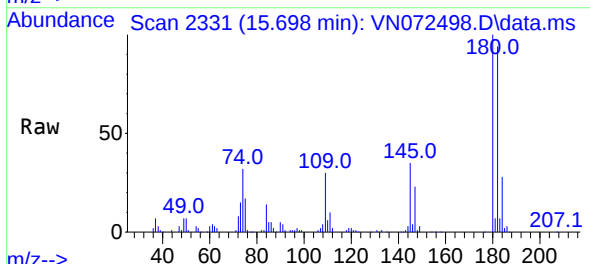
Tgt Ion:128 Resp: 71266
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
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#92
1,2,3-Trichlorobenzene
Concen: 152.972 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072498.D
Acq: 16 May 2022 13:28



Tgt Ion:180 Resp: 222211
Ion Ratio Lower Upper
180 100
182 96.2 0.0 190.0
145 33.8 0.0 67.8

