

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072493.D
 Acq On : 13 May 2022 21:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 14 02:39:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	190621	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	301215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	297308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	144408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	144226	49.398	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.800%		
35) Dibromofluoromethane	8.016	113	101415	50.607	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.220%		
50) Toluene-d8	10.439	98	376082	49.276	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.560%		
62) 4-Bromofluorobenzene	12.728	95	143346	56.554	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	115835	48.724	ug/l	97
3) Chloromethane	2.299	50	100031	44.821	ug/l	98
4) Vinyl Chloride	2.440	62	84419	41.704	ug/l	99
5) Bromomethane	2.816	94	62387	51.765	ug/l	99
6) Chloroethane	2.993	64	55618	52.519	ug/l	97
7) Trichlorofluoromethane	3.363	101	193255	51.510	ug/l	96
8) Diethyl Ether	3.822	74	64858	47.919	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.205	101	97172	47.466	ug/l	98
10) Methyl Iodide	4.416	142	127758	47.077	ug/l	# 86
11) Tert butyl alcohol	5.369	59	132261	277.041	ug/l	99
12) 1,1-Dichloroethene	4.181	96	88563	46.170	ug/l	91
13) Acrolein	4.040	56	104264	223.220	ug/l	97
14) Allyl chloride	4.834	41	161037	45.090	ug/l	91
15) Acrylonitrile	5.546	53	311453	240.081	ug/l	99
16) Acetone	4.281	43	289953	250.762	ug/l	94
17) Carbon Disulfide	4.528	76	209093	42.030	ug/l	98
18) Methyl Acetate	4.852	43	161564	47.457	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	373534	53.885	ug/l	94
20) Methylene Chloride	5.093	84	106125	44.763	ug/l	94
21) trans-1,2-Dichloroethene	5.599	96	94244	46.960	ug/l	95
22) Diisopropyl ether	6.487	45	335237	46.193	ug/l	97
23) Vinyl Acetate	6.428	43	1461342	240.652	ug/l	96
24) 1,1-Dichloroethane	6.381	63	195112	47.643	ug/l	99
25) 2-Butanone	7.328	43	436567	239.226	ug/l	94
26) 2,2-Dichloropropane	7.322	77	157206	45.679	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	115565	47.899	ug/l	94
28) Bromochloromethane	7.651	49	78251	45.001	ug/l	94
29) Tetrahydrofuran	7.681	42	279389	235.567	ug/l	95
30) Chloroform	7.816	83	213390	51.217	ug/l	99
31) Cyclohexane	8.093	56	162369	41.969	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	204805	53.594	ug/l	98
36) 1,1-Dichloropropene	8.216	75	147610	51.284	ug/l	98
37) Ethyl Acetate	7.410	43	173998	50.385	ug/l	96
38) Carbon Tetrachloride	8.204	117	177254	55.025	ug/l	97
39) Methylcyclohexane	9.457	83	170811	52.804	ug/l	96
40) Benzene	8.457	78	423600	49.265	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	93087	54.439	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	186447	53.950	ug/l	96
43) Isopropyl Acetate	8.557	43	275410	51.922	ug/l	96
44) Trichloroethene	9.210	130	112771	51.665	ug/l	94
45) 1,2-Dichloropropane	9.487	63	107380	48.901	ug/l	96
46) Dibromomethane	9.575	93	79398	51.930	ug/l	96
47) Bromodichloromethane	9.757	83	167482	53.731	ug/l	98
48) Methyl methacrylate	9.557	41	139505	56.371	ug/l	90
49) 1,4-Dioxane	9.569	88	52990	1255.219	ug/l #	94
51) 4-Methyl-2-Pentanone	10.328	43	889162	269.958	ug/l	94
52) Toluene	10.504	92	278437	52.517	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	179626	56.614	ug/l	98
54) cis-1,3-Dichloropropene	10.187	75	182008	53.767	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	114791	51.972	ug/l	99
56) Ethyl methacrylate	10.757	69	187280	59.162	ug/l #	89
57) 1,3-Dichloropropane	11.039	76	195277	51.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	238337	276.543	ug/l	98
59) 2-Hexanone	11.081	43	656731	284.362	ug/l	91
60) Dibromochloromethane	11.233	129	133894	57.067	ug/l	99
61) 1,2-Dibromoethane	11.339	107	122228	55.529	ug/l	100
64) Tetrachloroethene	10.975	164	102122	47.720	ug/l	95
65) Chlorobenzene	11.769	112	303131	49.904	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.833	131	125051	51.435	ug/l	95
67) Ethyl Benzene	11.839	91	570466	54.432	ug/l	99
68) m/p-Xylenes	11.951	106	430504	108.306	ug/l	93
69) o-Xylene	12.275	106	213450	54.655	ug/l	90
70) Styrene	12.292	104	344934	57.733	ug/l	95
71) Bromoform	12.451	173	99541	55.503	ug/l #	99
73) Isopropylbenzene	12.575	105	580471	48.522	ug/l	99
74) N-amyl acetate	12.380	43	205258	48.541	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	173751	40.006	ug/l #	98
76) 1,2,3-Trichloropropane	12.875	75	163182m	43.325	ug/l	
77) Bromobenzene	12.857	156	137241	47.950	ug/l	99
78) n-propylbenzene	12.916	91	637527	49.802	ug/l	99
79) 2-Chlorotoluene	13.004	91	393984	46.848	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	486363	49.640	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	50201	44.464	ug/l	88
82) 4-Chlorotoluene	13.098	91	375229	47.081	ug/l	98
83) tert-Butylbenzene	13.316	119	447393	52.160	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	488105	51.212	ug/l	96
85) sec-Butylbenzene	13.498	105	581505	50.834	ug/l	100
86) p-Isopropyltoluene	13.610	119	495752	55.636	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	234857	47.580	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	229970	46.832	ug/l	98
89) n-Butylbenzene	13.939	91	382071	56.094	ug/l	100
90) Hexachloroethane	14.204	117	81405	45.717	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	240824	48.850	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41479	54.923	ug/l	92
93) 1,2,4-Trichlorobenzene	15.257	180	118864	63.649	ug/l	97
94) Hexachlorobutadiene	15.363	225	62171	50.281	ug/l	98
95) Naphthalene	15.504	128	403213	57.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	122259	65.328	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

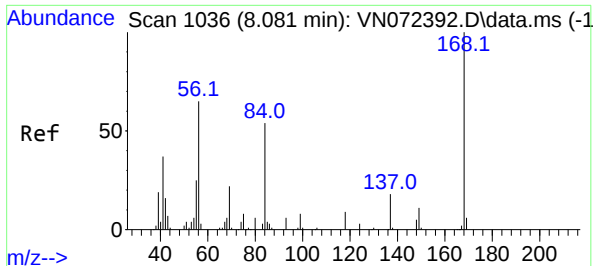
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

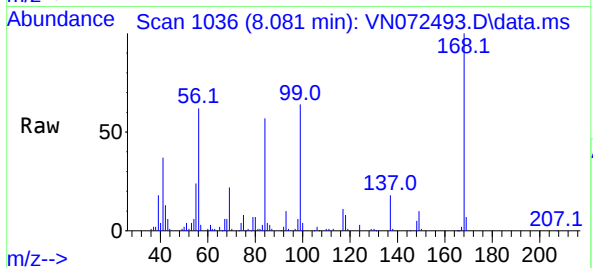
Reviewed By :John Carlone 05/16/2022
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

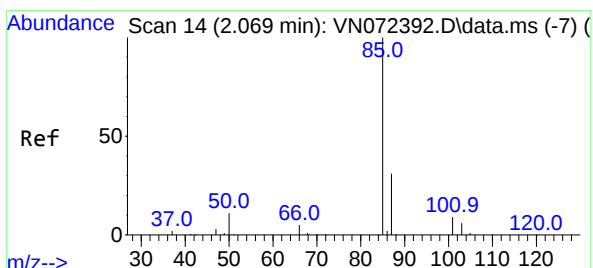
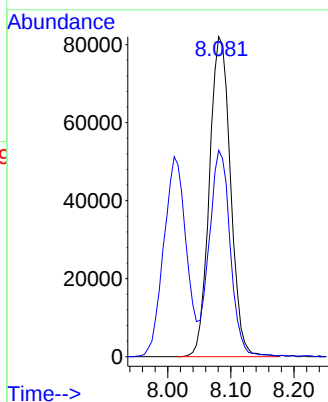
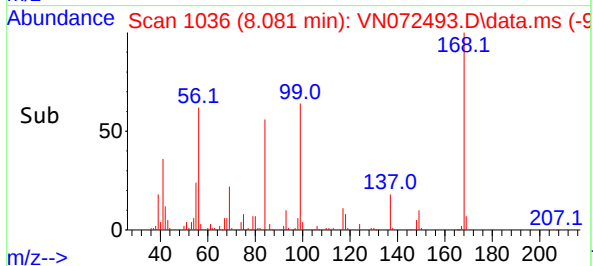
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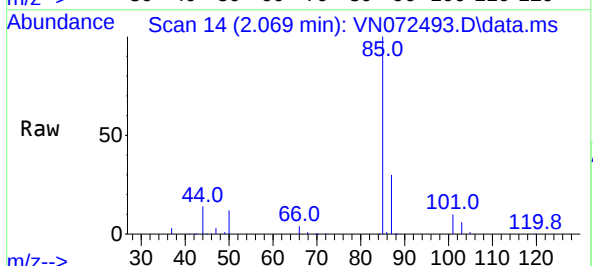
Tgt Ion:168 Resp: 19062
Ion Ratio Lower Upper
168 100
99 64.2 42.3 63.5

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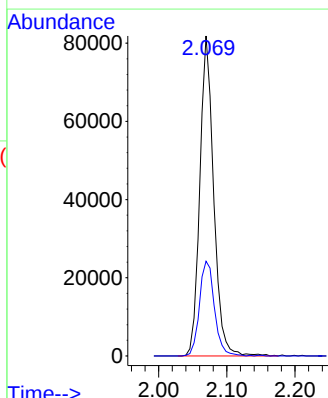
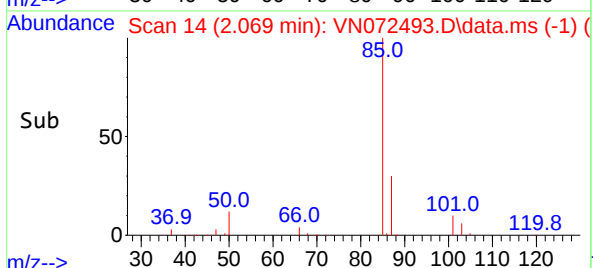
Reviewed By :John Carlone 05/16/2022
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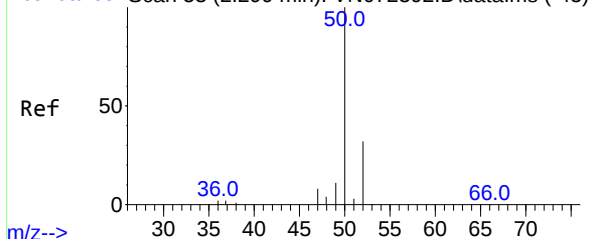
#2
Dichlorodifluoromethane
Concen: 48.724 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



Tgt Ion: 85 Resp: 115835
Ion Ratio Lower Upper
85 100
87 29.6 15.7 47.1



Abundance Scan 53 (2.299 min): VN072392.D\data.ms (-45)



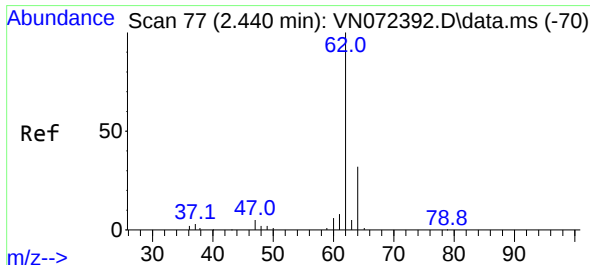
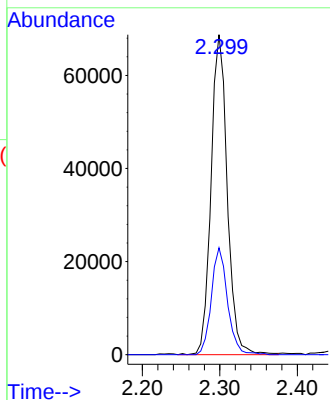
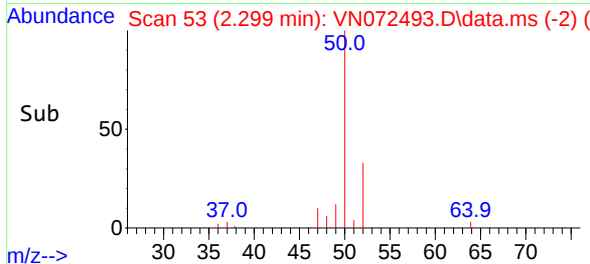
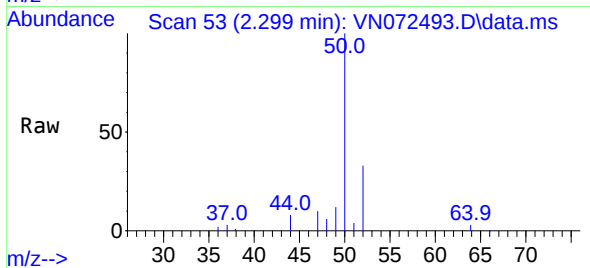
#3
Chloromethane
Concen: 44.821 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :
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Tgt Ion: 50 Resp: 10003
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5

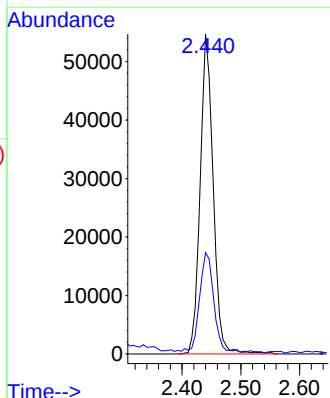
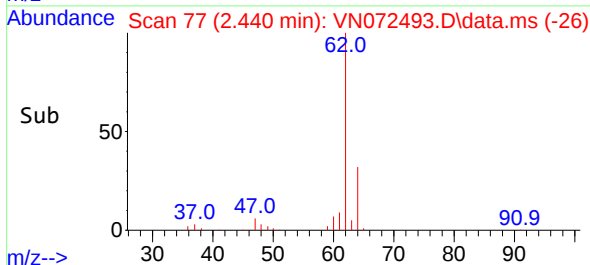
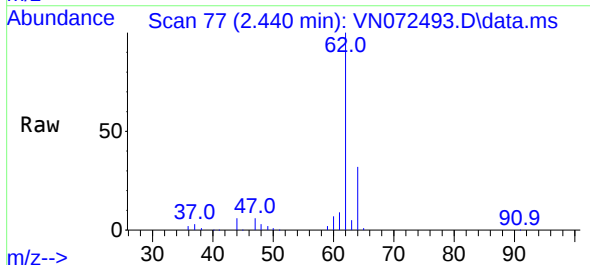
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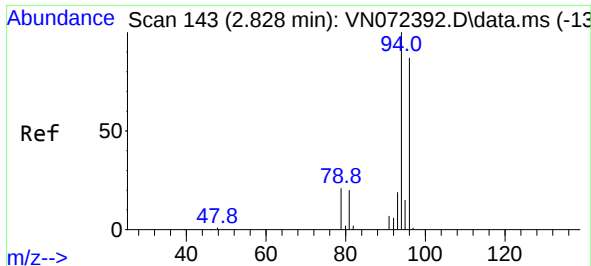
Reviewed By :John Carlone 05/16/2022
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#4
Vinyl Chloride
Concen: 41.704 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Tgt Ion: 62 Resp: 84419
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.4





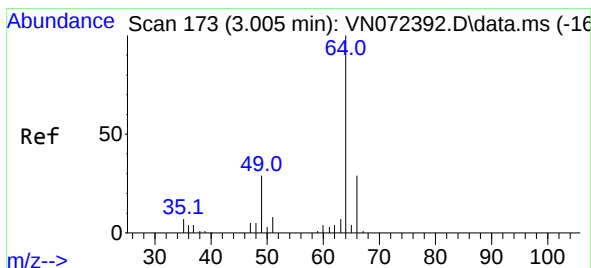
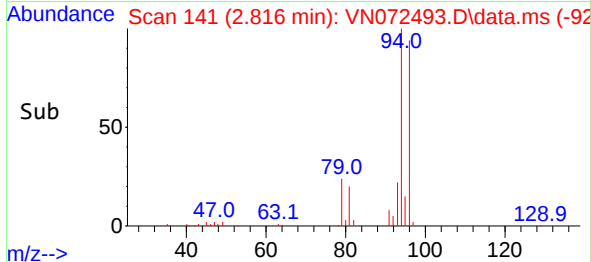
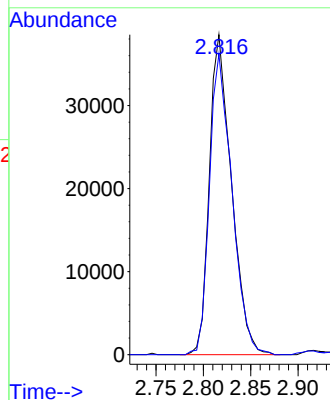
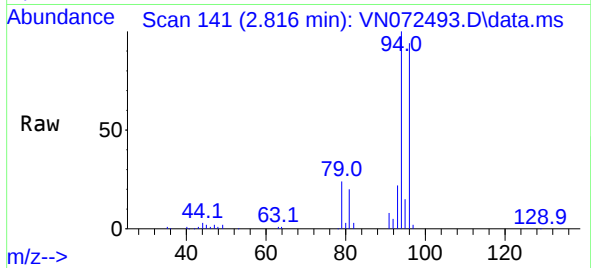
#5
Bromomethane
Concen: 51.765 ug/l
RT: 2.816 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :
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Tgt Ion: 94 Resp: 6238
Ion Ratio Lower Upper
94 100
96 94.0 76.0 114.0

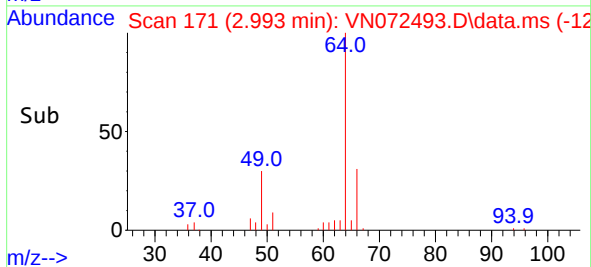
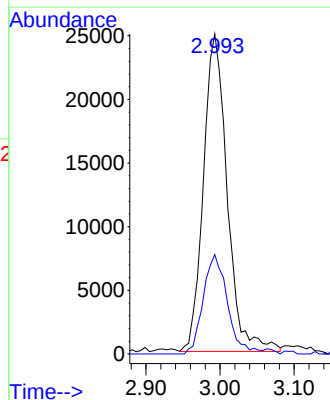
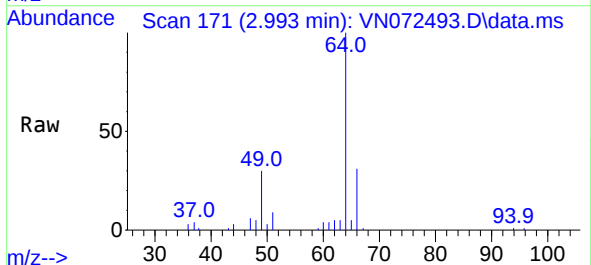
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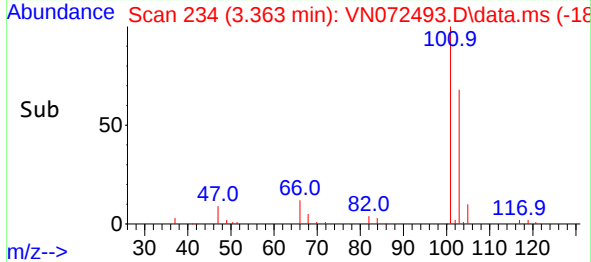
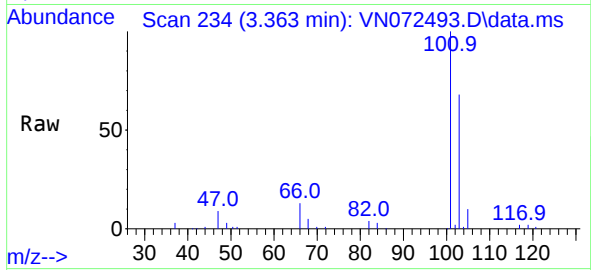
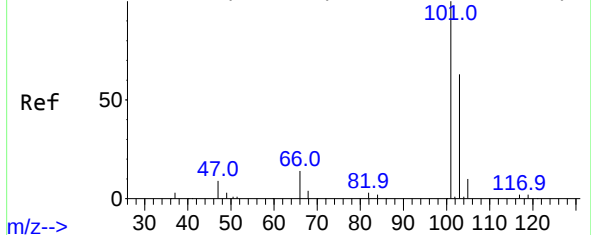


#6
Chloroethane
Concen: 52.519 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Tgt Ion: 64 Resp: 55618
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4



Abundance Scan 235 (3.369 min): VN072392.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 51.510 ug/l

RT: 3.363 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072493.D

Acq: 13 May 2022 21:39

Tgt Ion:101 Resp: 19325

Ion Ratio Lower Upper

101 100

103 67.6 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

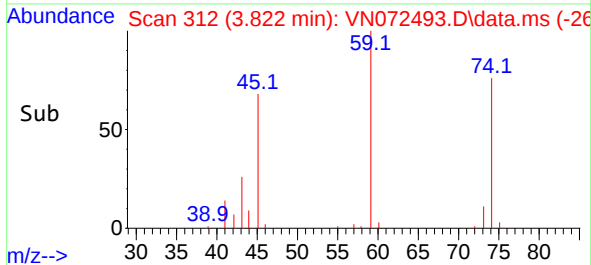
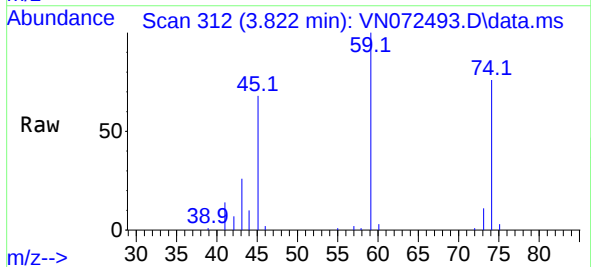
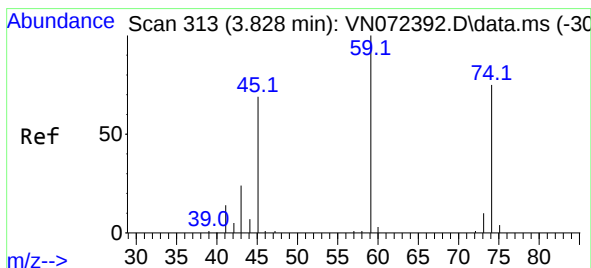
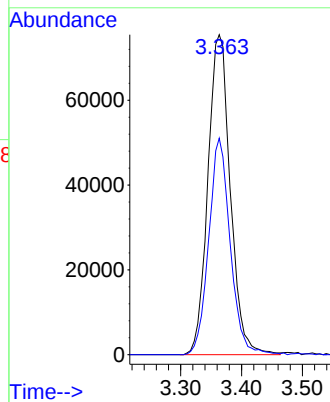
VSTDCCC050EC

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#8

Diethyl Ether

Concen: 47.919 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN072493.D

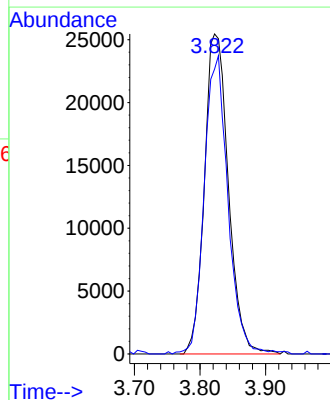
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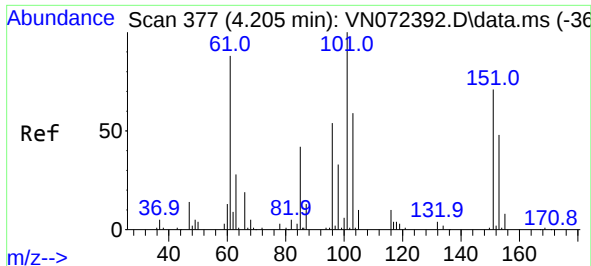
Tgt Ion: 74 Resp: 64858

Ion Ratio Lower Upper

74 100

45 91.4 42.9 128.5





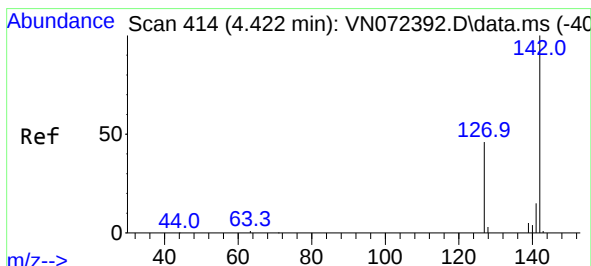
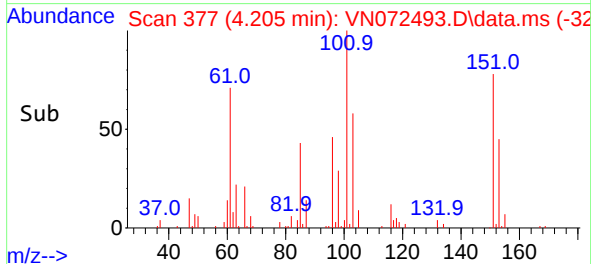
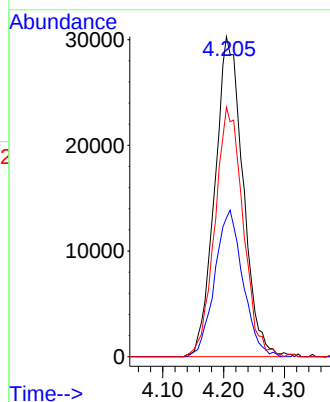
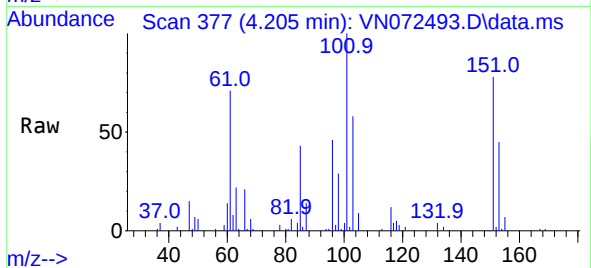
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.466 ug/l
RT: 4.205 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 97172
Ion Ratio Lower Upper
101 100
85 45.9 34.7 52.1
151 78.3 63.0 94.4

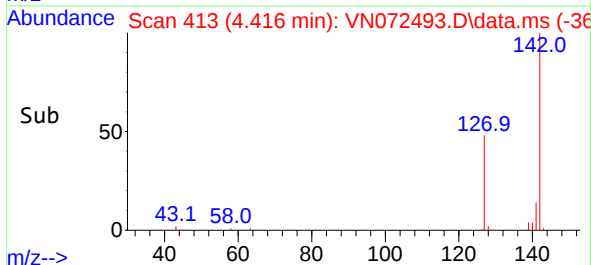
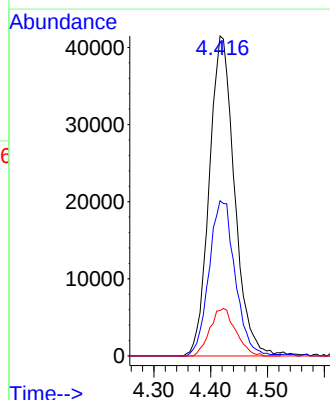
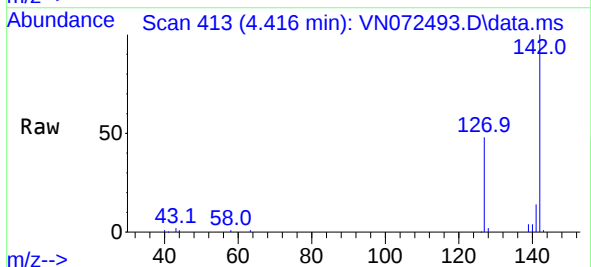
Manual Integrations
APPROVED

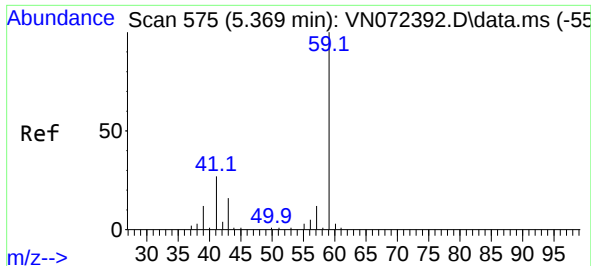
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Methyl Iodide
Concen: 47.077 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

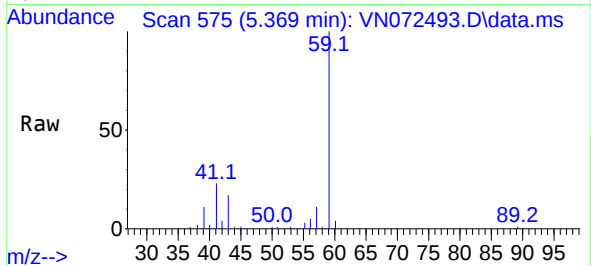
Tgt Ion:142 Resp: 127758
Ion Ratio Lower Upper
142 100
127 50.2 31.3 46.9#
141 15.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 277.041 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

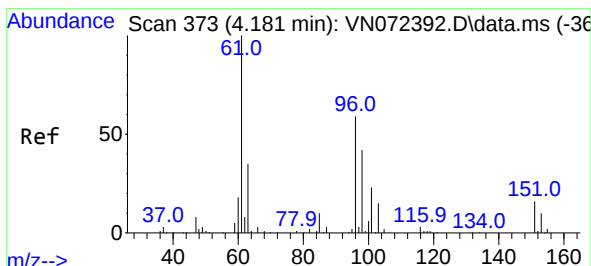
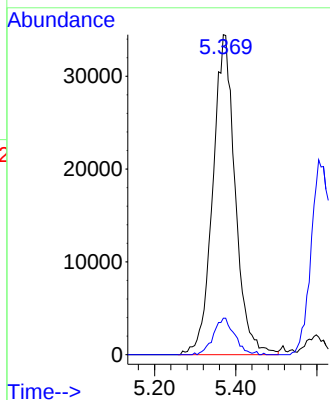
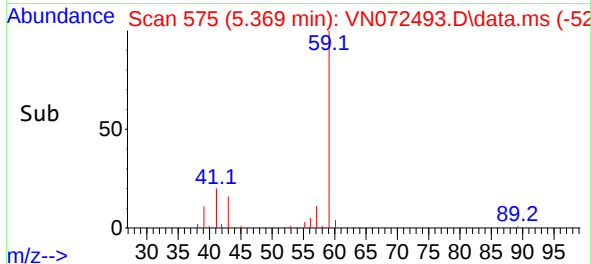
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



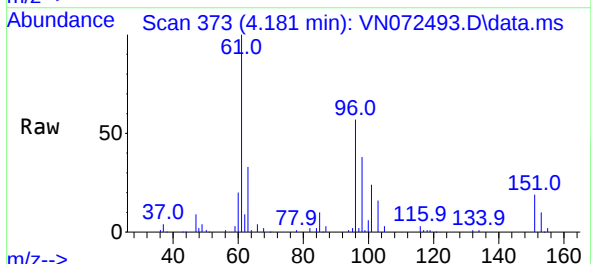
Tgt Ion: 59 Resp: 13226
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

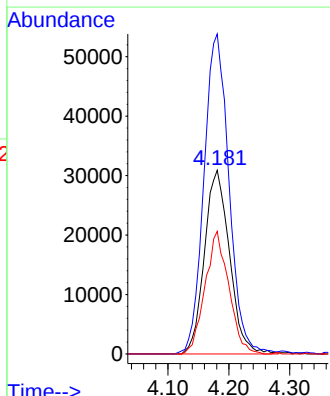
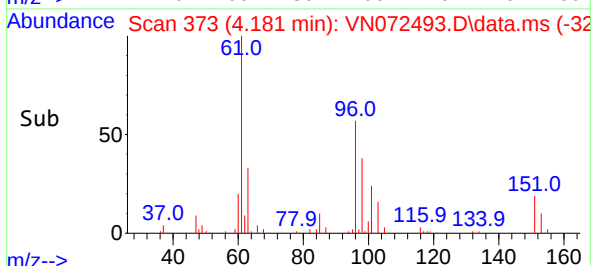
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

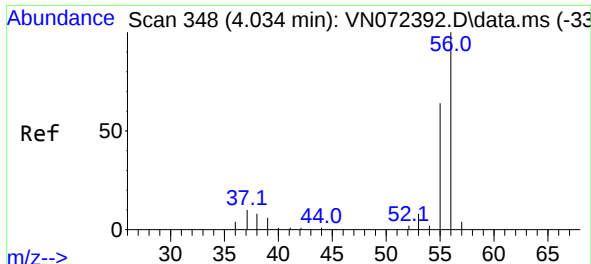


#12
1,1-Dichloroethene
Concen: 46.170 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



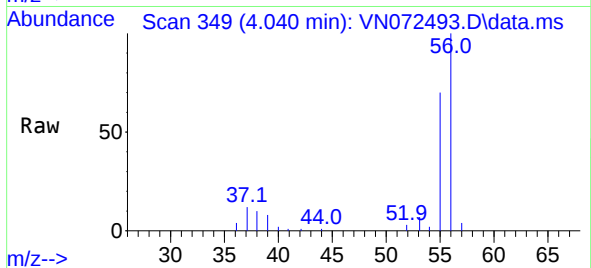
Tgt Ion: 96 Resp: 88563
Ion Ratio Lower Upper
96 100
61 173.5 127.6 191.4
98 66.7 51.2 76.8





#13
Acrolein
Concen: 223.220 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

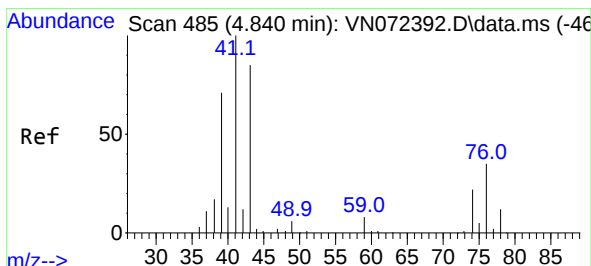
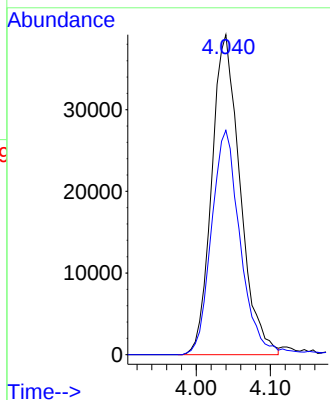
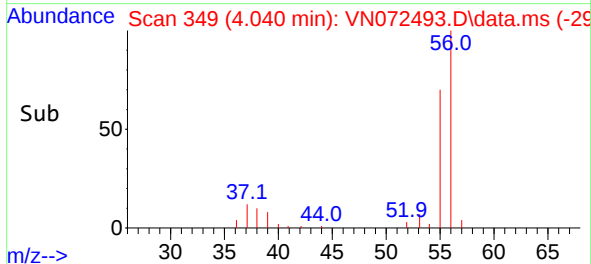
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



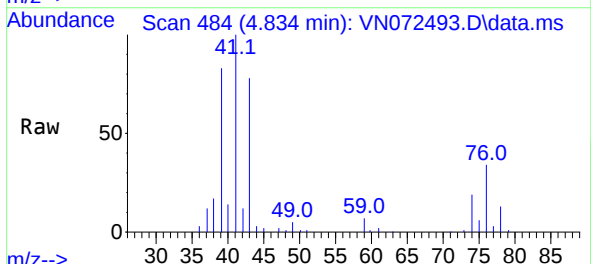
Tgt Ion: 56 Resp: 104264
Ion Ratio Lower Upper
56 100
55 71.3 54.8 82.2

Manual Integrations
APPROVED

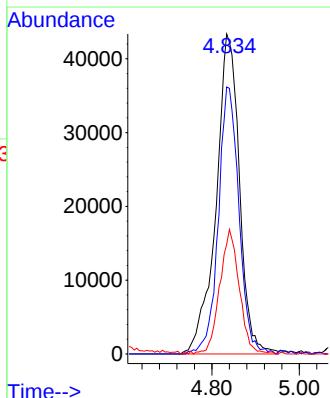
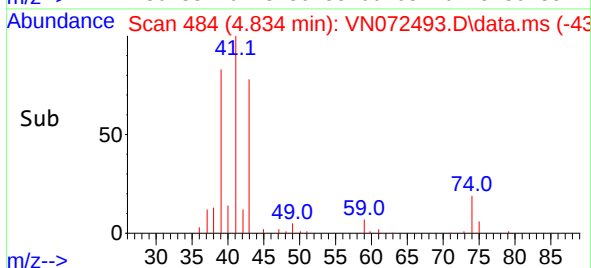
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

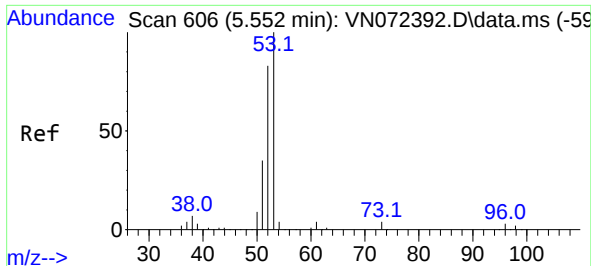


#14
Allyl chloride
Concen: 45.090 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



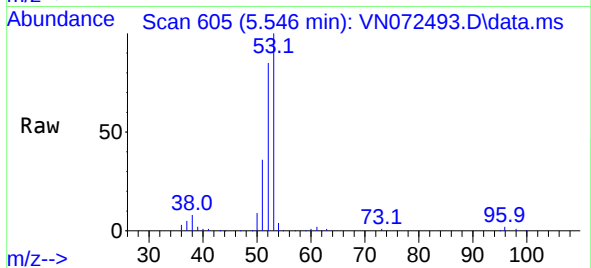
Tgt Ion: 41 Resp: 161037
Ion Ratio Lower Upper
41 100
39 73.5 53.2 79.8
76 32.4 29.9 44.9





#15
Acrylonitrile
Concen: 240.081 ug/l
RT: 5.546 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

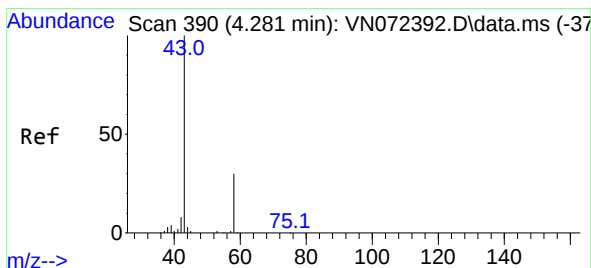
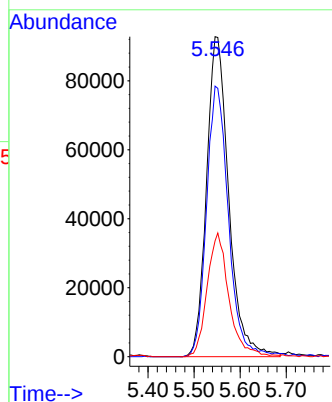
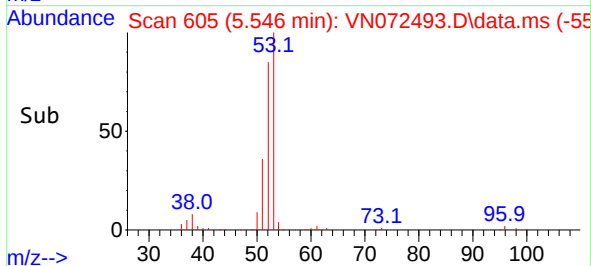
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 31145
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 38.2 28.5 42.7

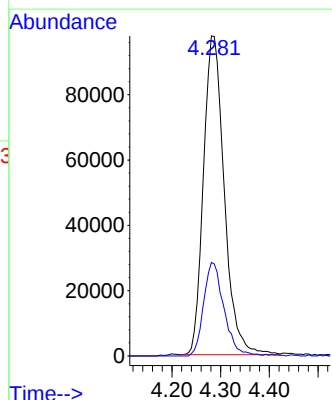
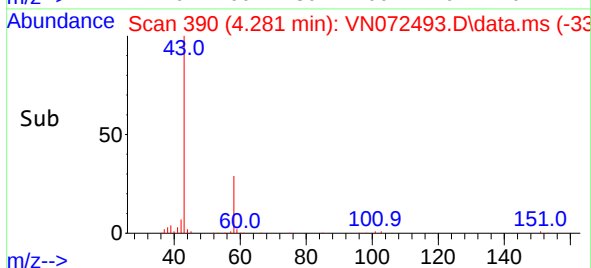
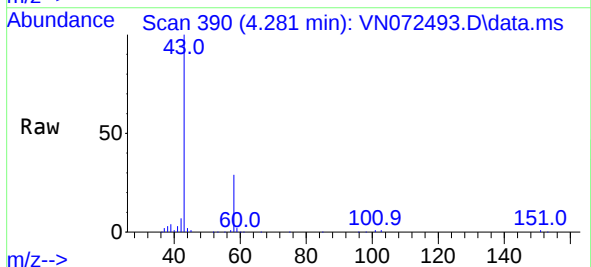
Manual Integrations
APPROVED

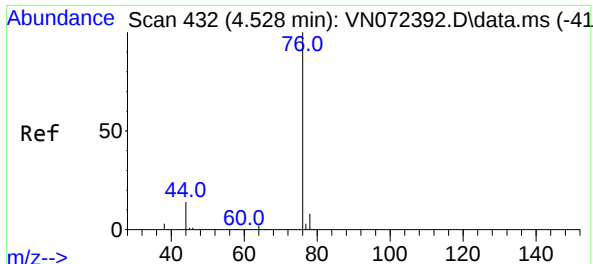
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#16
Acetone
Concen: 250.762 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

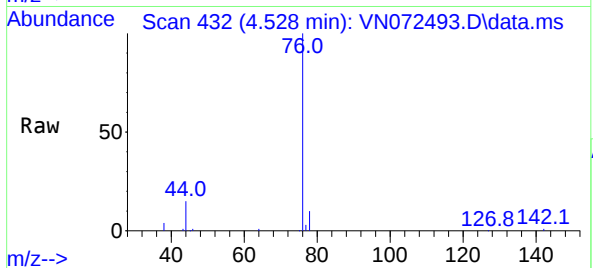
Tgt Ion: 43 Resp: 289953
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0





#17
Carbon Disulfide
Concen: 42.030 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

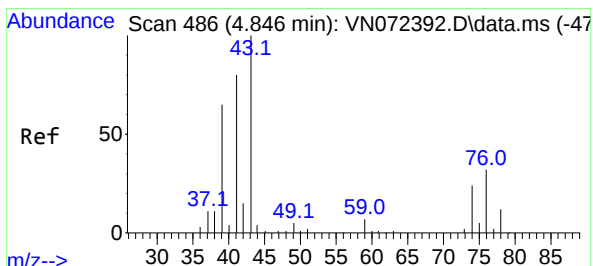
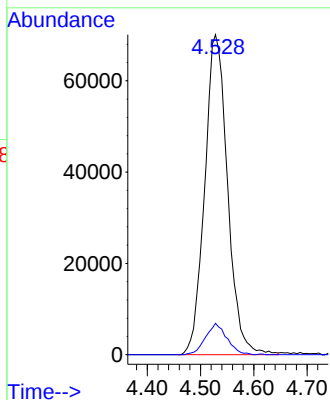
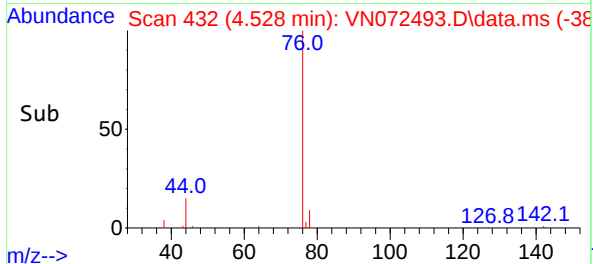
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



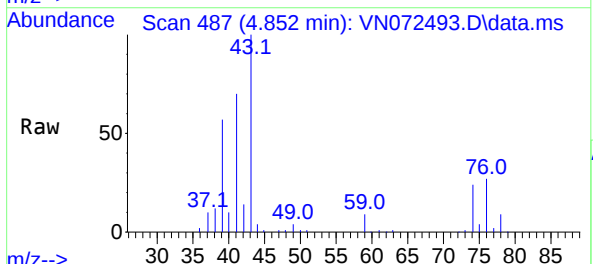
Tgt Ion: 76 Resp: 20909
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
APPROVED

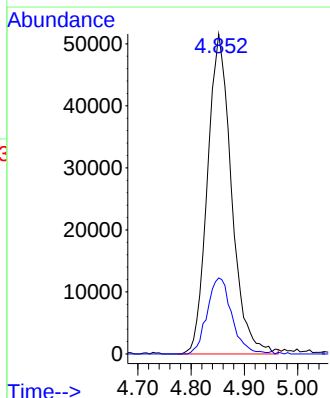
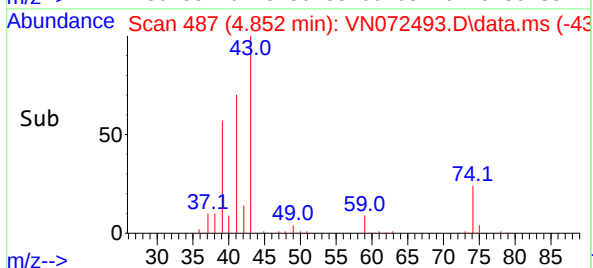
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

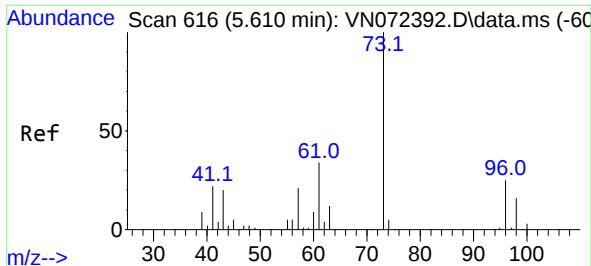


#18
Methyl Acetate
Concen: 47.457 ug/l
RT: 4.852 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



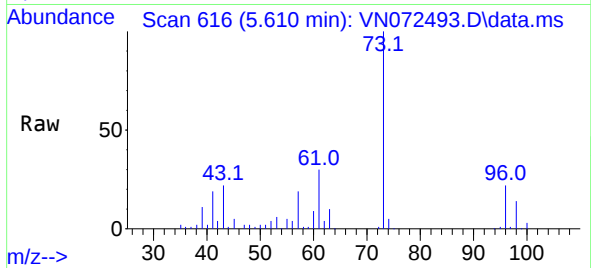
Tgt Ion: 43 Resp: 161564
Ion Ratio Lower Upper
43 100
74 24.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 53.885 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

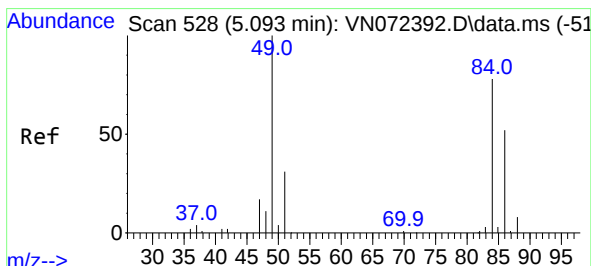
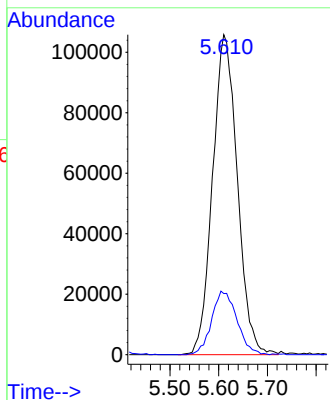
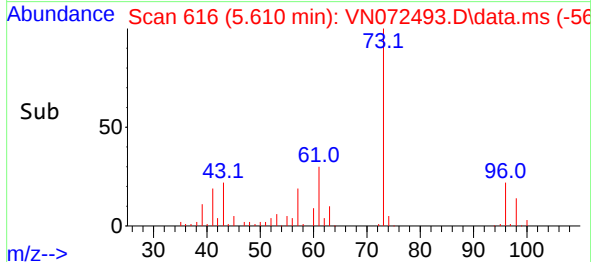
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



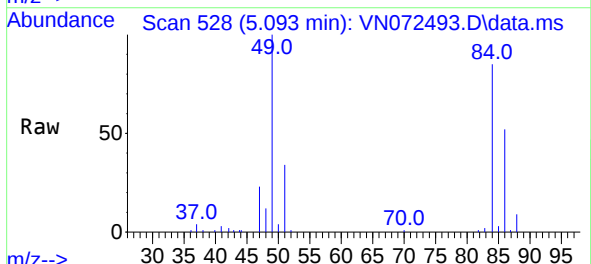
Tgt Ion: 73 Resp: 373534
Ion Ratio Lower Upper
73 100
57 19.1 17.6 26.4

Manual Integrations
APPROVED

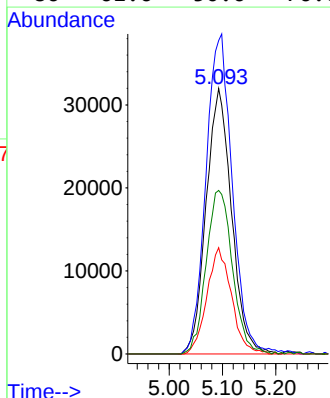
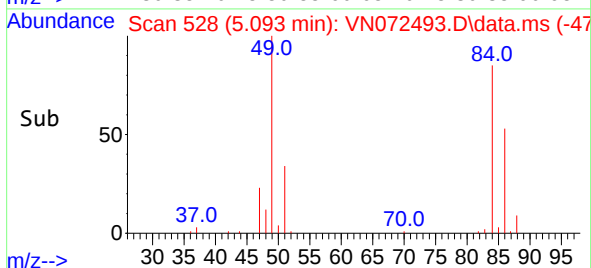
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

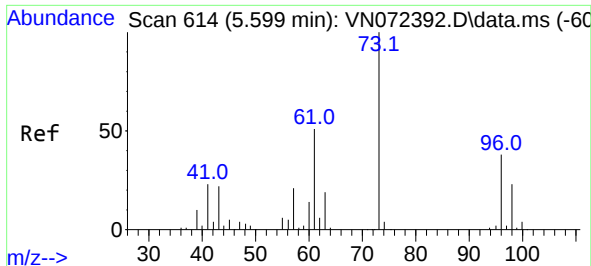


#20
Methylene Chloride
Concen: 44.763 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



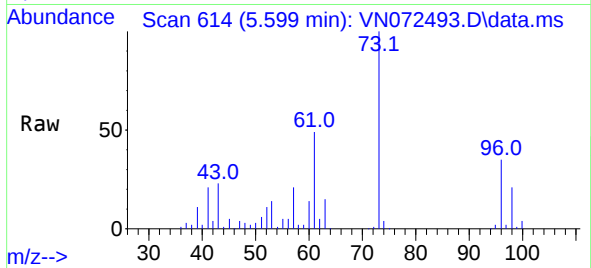
Tgt Ion: 84 Resp: 106125
Ion Ratio Lower Upper
84 100
49 118.1 88.3 132.5
51 40.0 28.2 42.2
86 61.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.960 ug/l
RT: 5.599 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

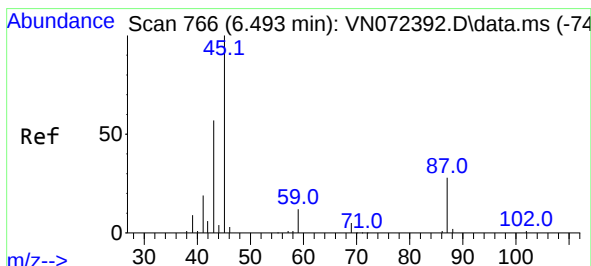
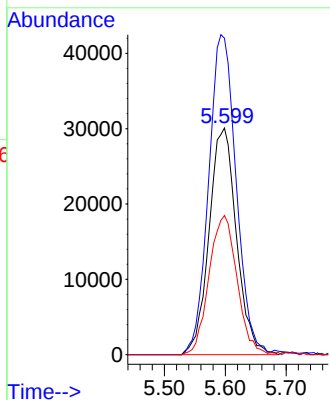
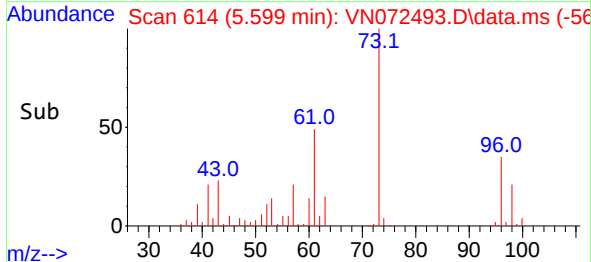
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



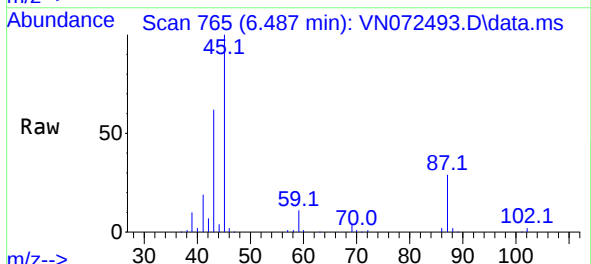
Tgt Ion: 96 Resp: 94244
Ion Ratio Lower Upper
96 100
61 139.6 105.8 158.8
98 61.4 50.3 75.5

Manual Integrations
APPROVED

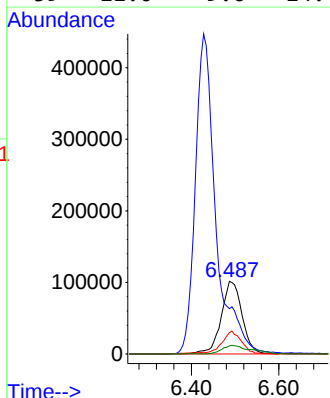
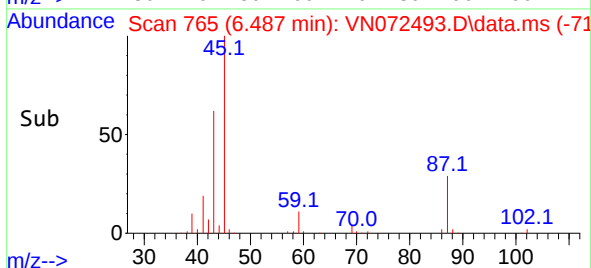
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

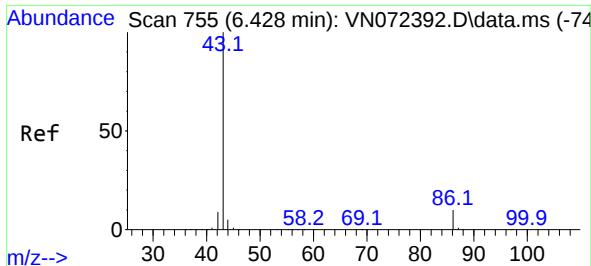


#22
Diisopropyl ether
Concen: 46.193 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



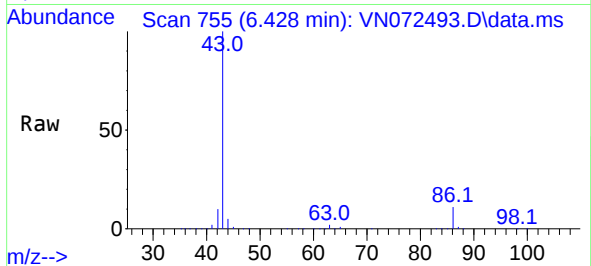
Tgt Ion: 45 Resp: 335237
Ion Ratio Lower Upper
45 100
43 60.6 46.6 70.0
87 29.4 24.3 36.5
59 11.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 240.652 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VN072493.D
 Acq: 13 May 2022 21:39

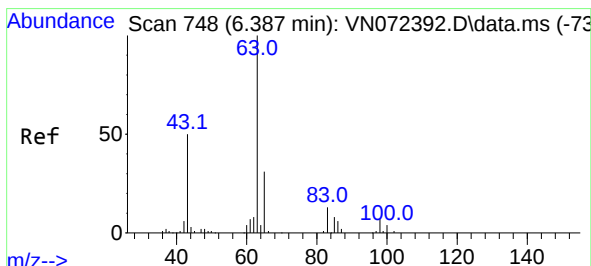
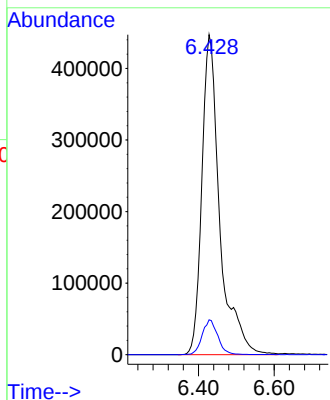
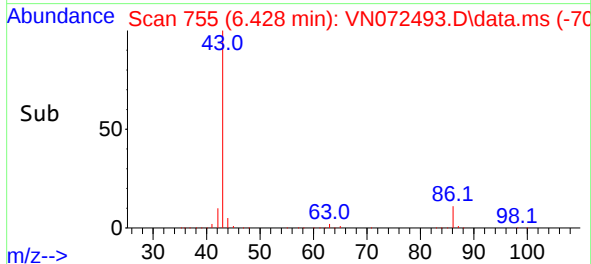
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



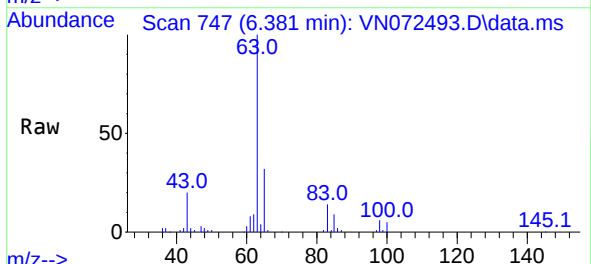
Tgt Ion: 43 Resp: 146134
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.0 15.0

Manual Integrations
 APPROVED

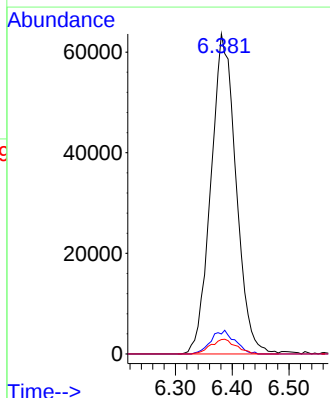
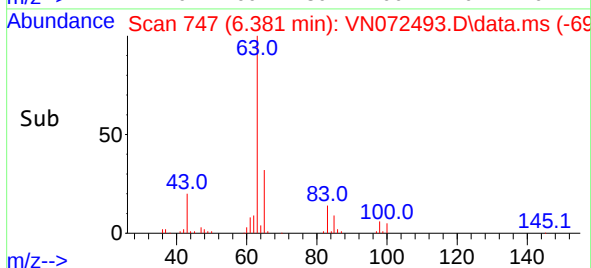
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

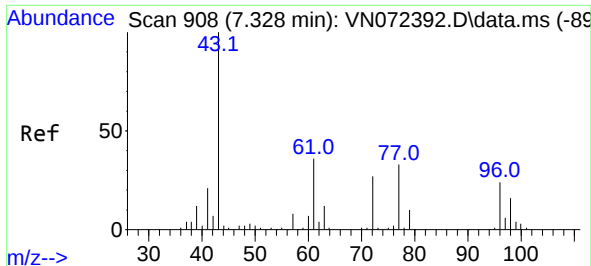


#24
 1,1-Dichloroethane
 Concen: 47.643 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072493.D
 Acq: 13 May 2022 21:39



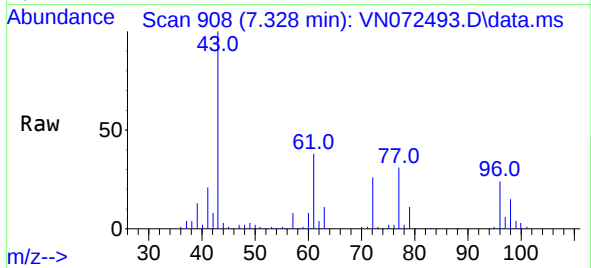
Tgt Ion: 63 Resp: 195112
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 239.226 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

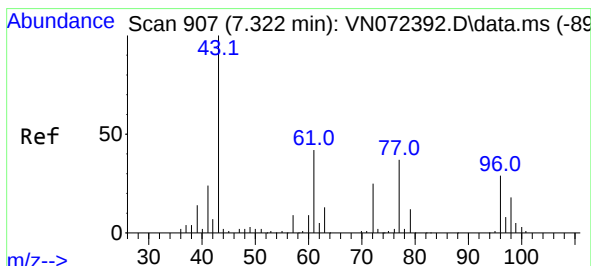
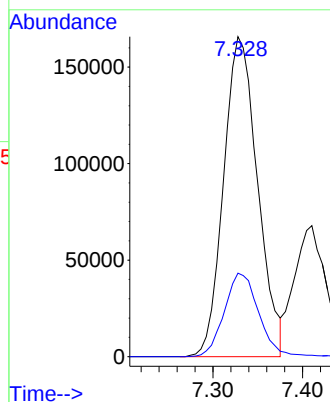
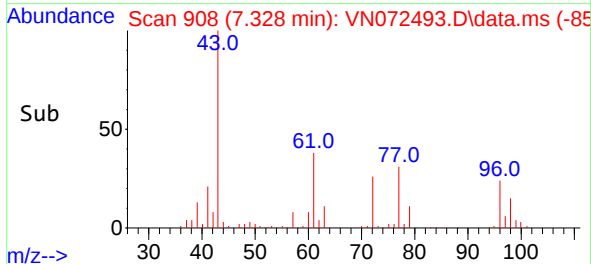
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



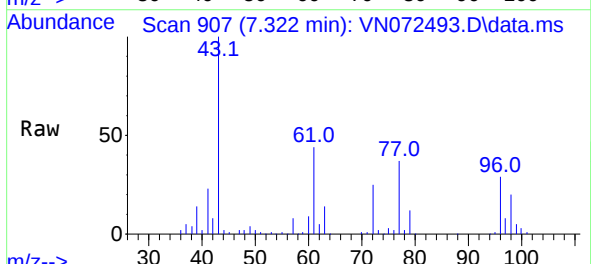
Tgt Ion: 43 Resp: 43656
Ion Ratio Lower Upper
43 100
72 26.1 23.7 35.5

Manual Integrations
APPROVED

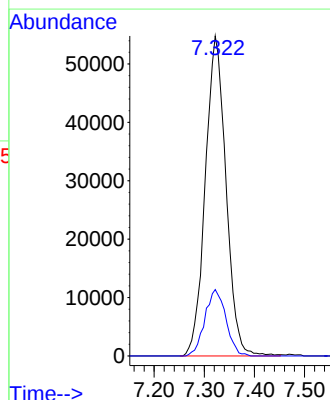
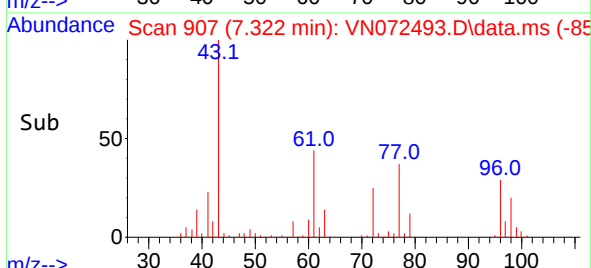
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

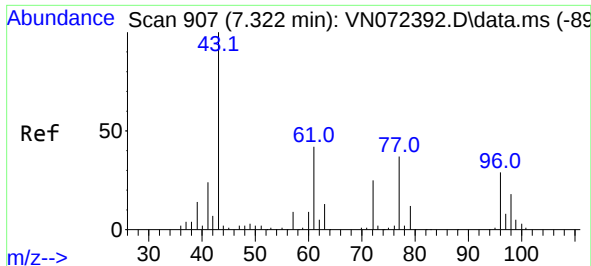


#26
2,2-Dichloropropane
Concen: 45.679 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



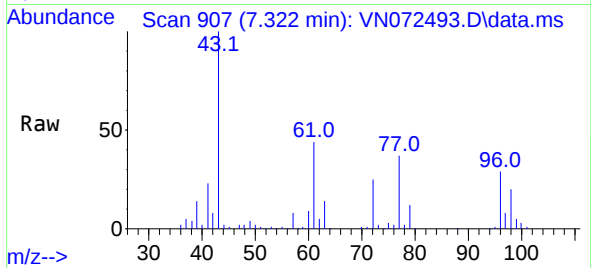
Tgt Ion: 77 Resp: 157206
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 47.899 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN072493.D
 Acq: 13 May 2022 21:39

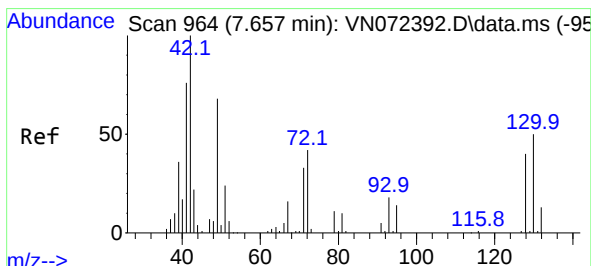
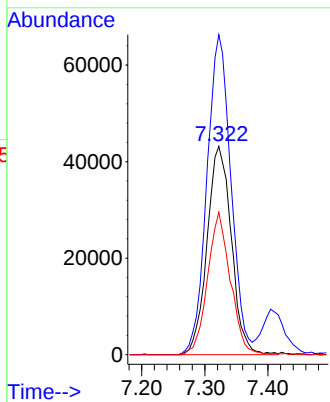
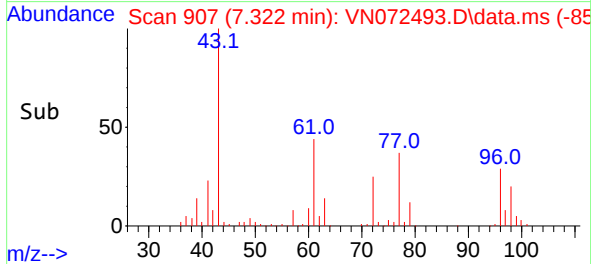
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



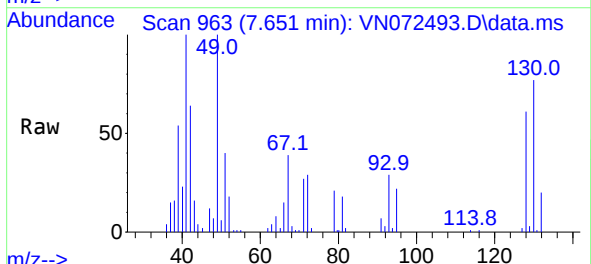
Tgt Ion: 96 Resp: 11556
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 280.6
 98 64.3 0.0 128.4

Manual Integrations
 APPROVED

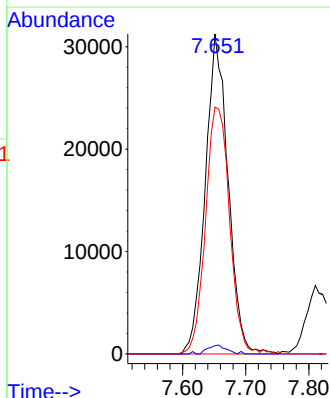
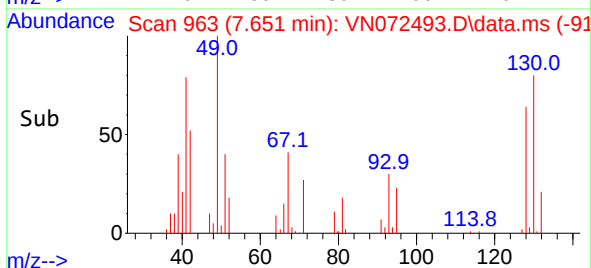
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

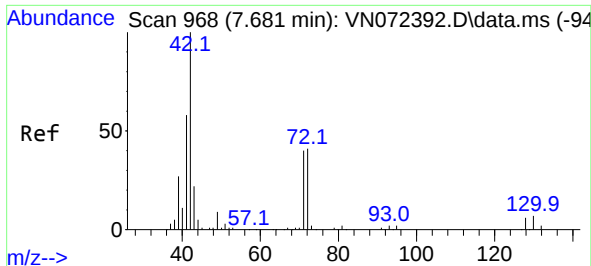


#28
 Bromochloromethane
 Concen: 45.001 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN072493.D
 Acq: 13 May 2022 21:39



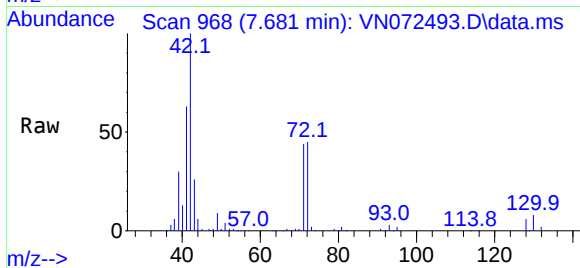
Tgt Ion: 49 Resp: 78251
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 81.6 69.7 104.5





#29
Tetrahydrofuran
Concen: 235.567 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

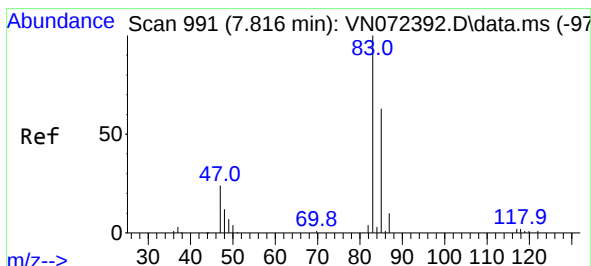
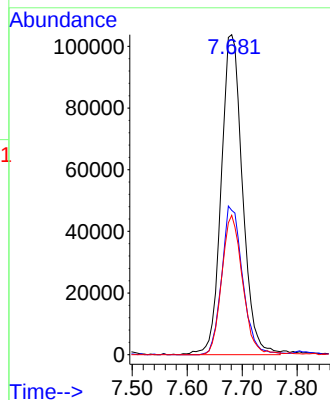
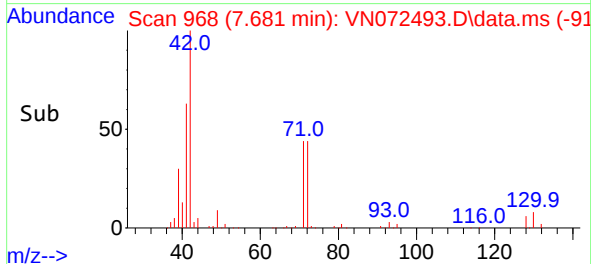
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



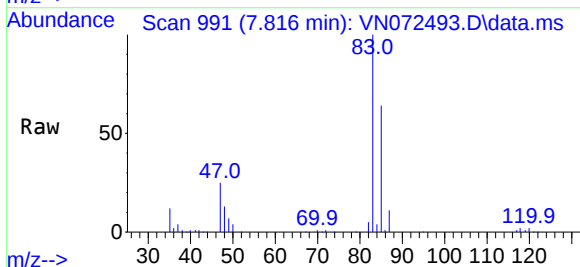
Tgt Ion: 42 Resp: 279389
Ion Ratio Lower Upper
42 100
72 45.6 39.7 59.5
71 42.4 36.6 55.0

Manual Integrations
APPROVED

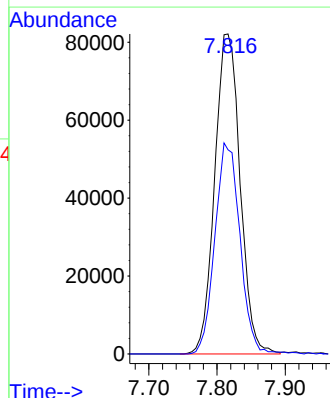
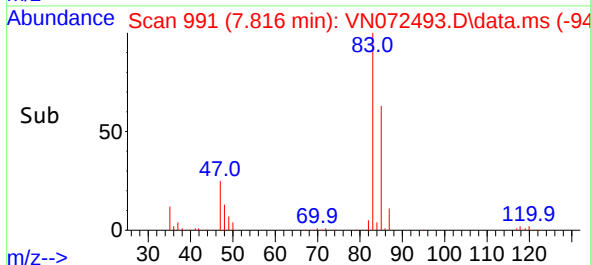
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

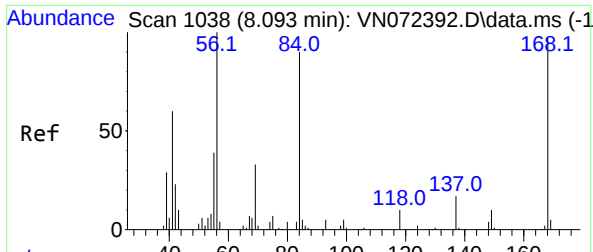


#30
Chloroform
Concen: 51.217 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



Tgt Ion: 83 Resp: 213390
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.8





#31

Cyclohexane

Concen: 41.969 ug/l

RT: 8.093 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN072493.D

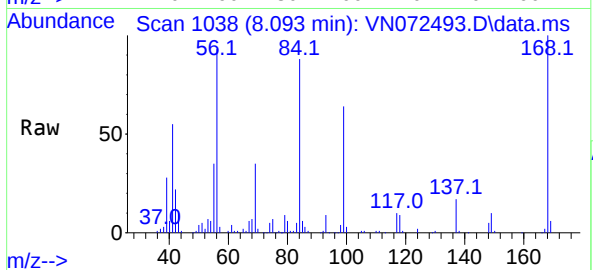
Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 162369

Ion Ratio Lower Upper

56 100

69 37.7 27.8 41.8

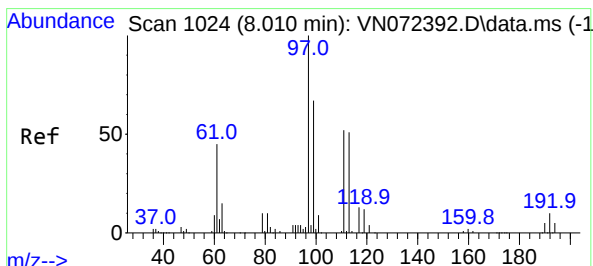
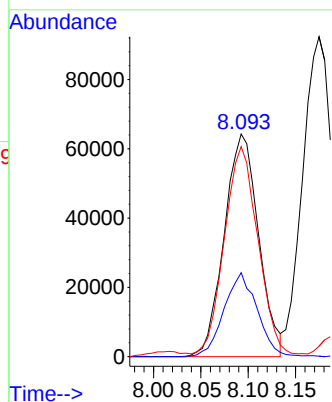
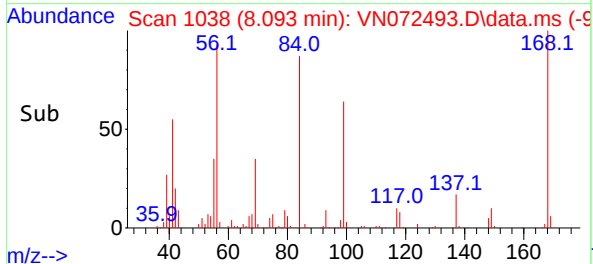
84 92.9 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#32

1,1,1-Trichloroethane

Concen: 53.594 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072493.D

Acq: 13 May 2022 21:39

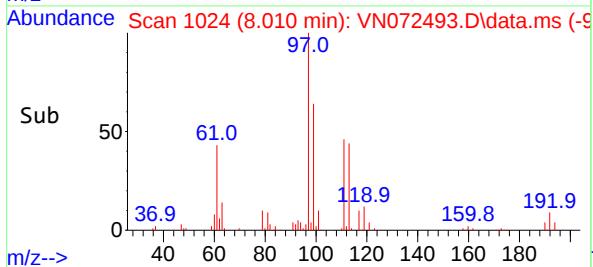
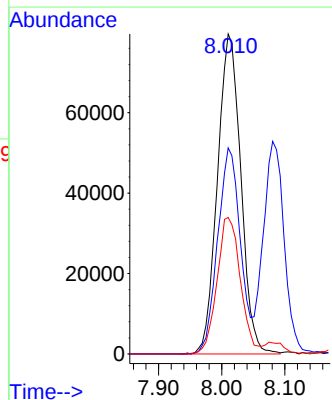
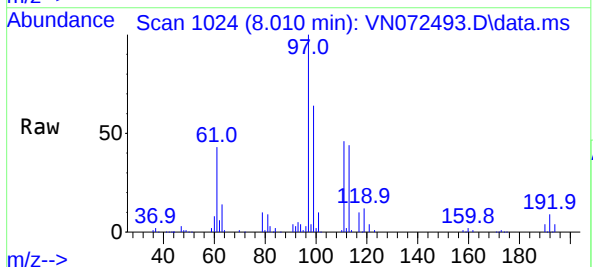
Tgt Ion: 97 Resp: 204805

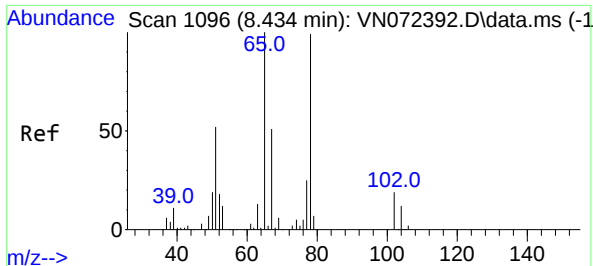
Ion Ratio Lower Upper

97 100

99 62.0 50.6 76.0

61 42.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.398 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072493.D

Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 144220

Ion Ratio Lower Upper

65 100

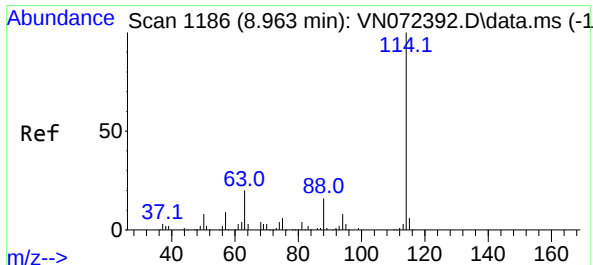
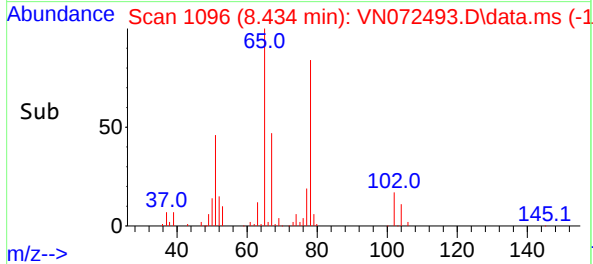
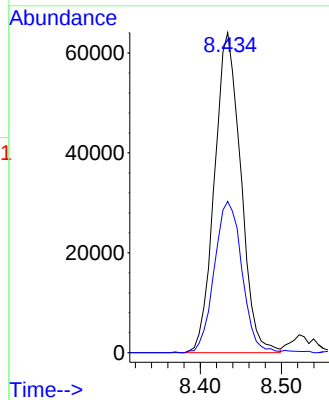
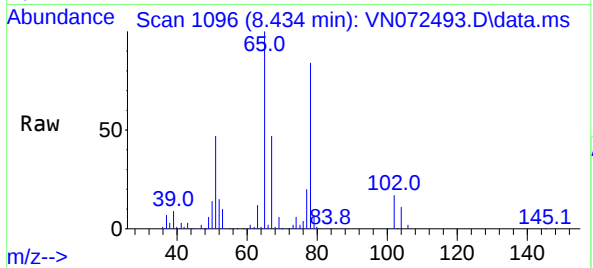
67 49.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072493.D

Acq: 13 May 2022 21:39

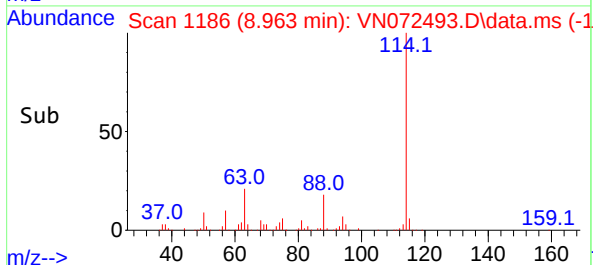
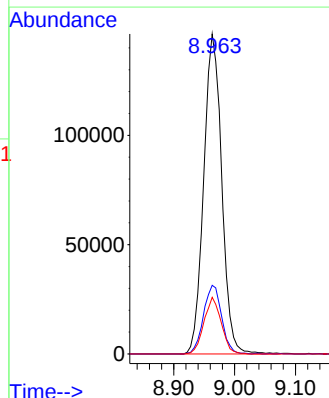
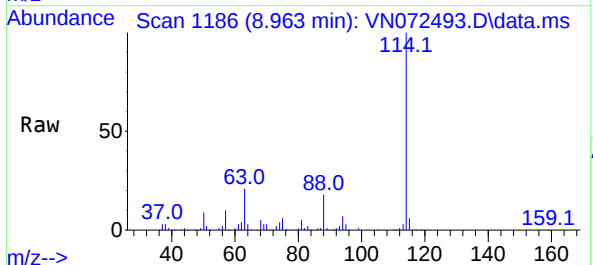
Tgt Ion:114 Resp: 301215

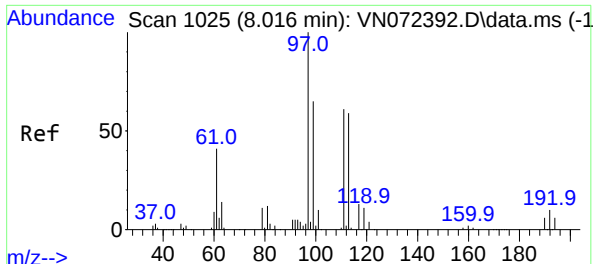
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

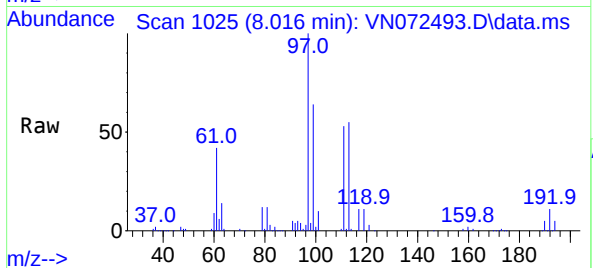
88 17.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.607 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

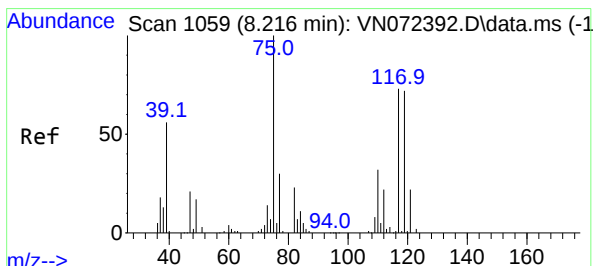
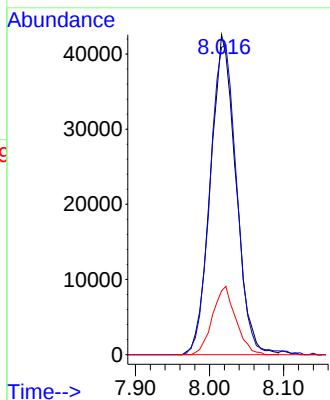
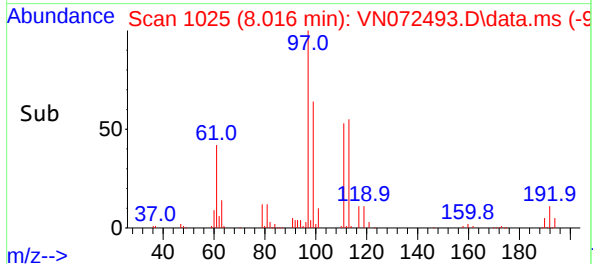
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



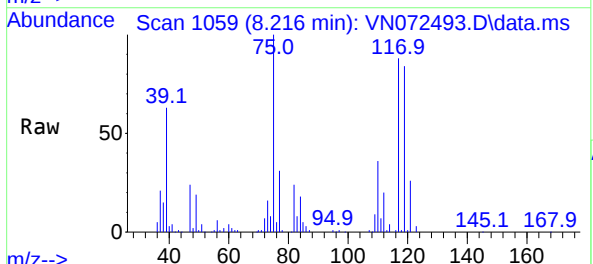
Tgt Ion:113 Resp: 101415
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 19.6 17.0 25.6

Manual Integrations
APPROVED

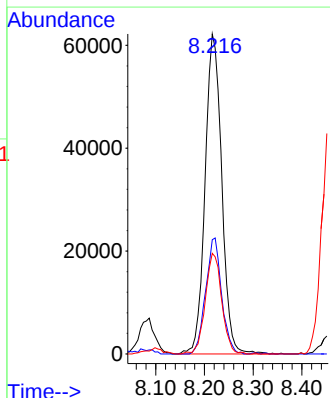
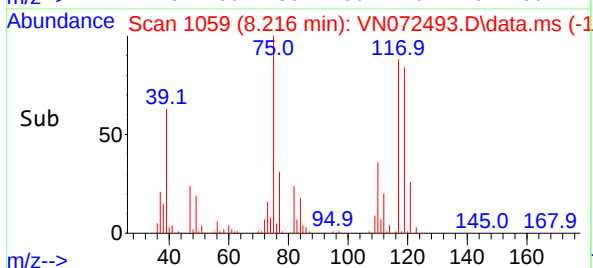
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

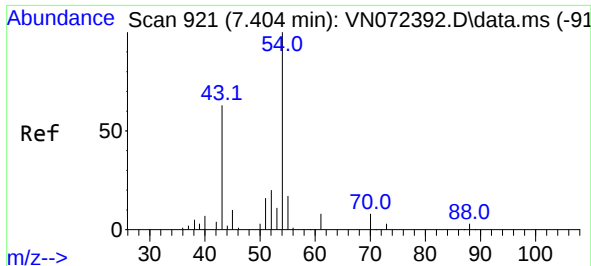


#36
1,1-Dichloropropene
Concen: 51.284 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



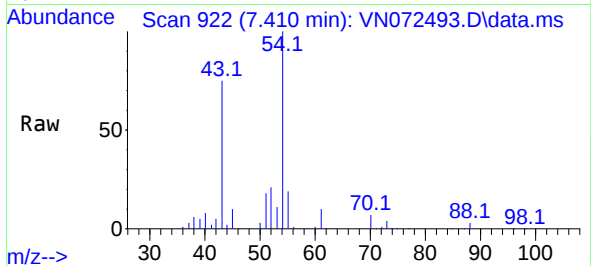
Tgt Ion: 75 Resp: 147610
Ion Ratio Lower Upper
75 100
110 34.7 18.3 54.8
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 50.385 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

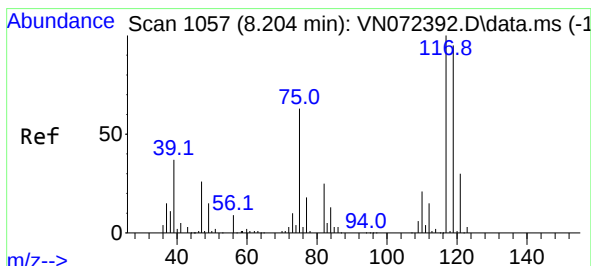
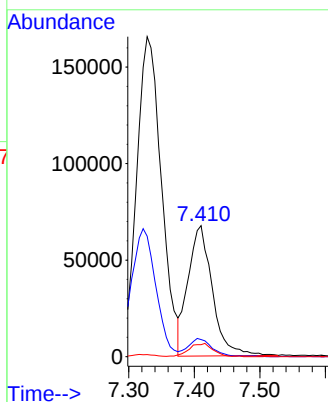
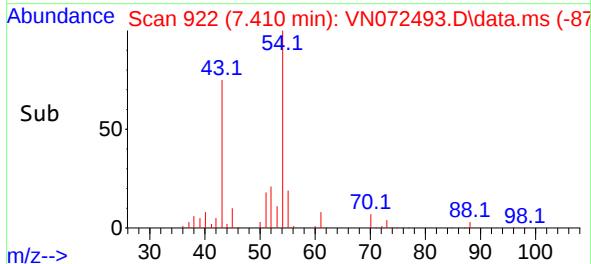
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 173998
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.6
70 10.1 9.3 13.9

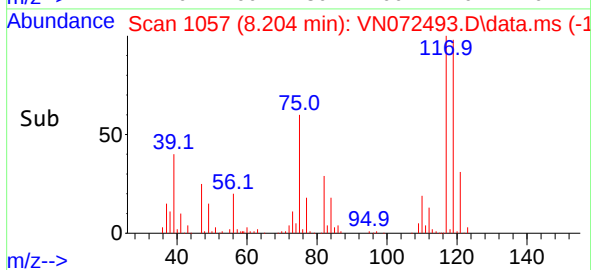
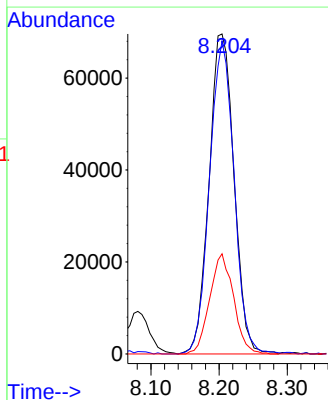
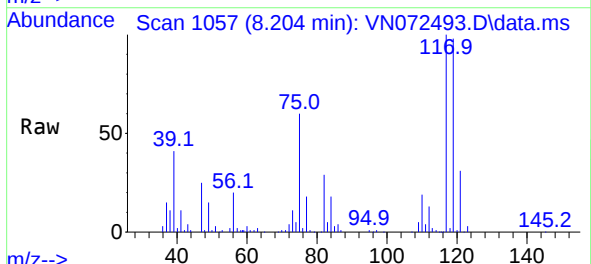
Manual Integrations
APPROVED

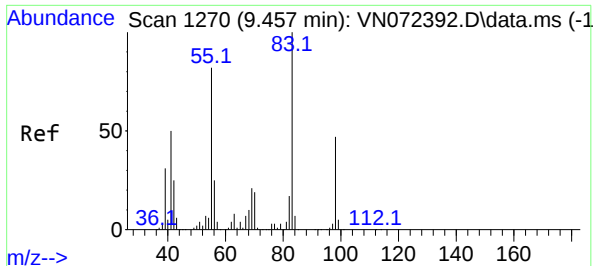
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#38
Carbon Tetrachloride
Concen: 55.025 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Tgt Ion:117 Resp: 177254
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
121 31.3 24.6 37.0





#39

Methylcyclohexane

Concen: 52.804 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072493.D

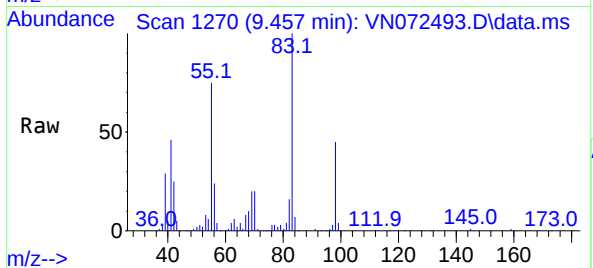
Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 17081

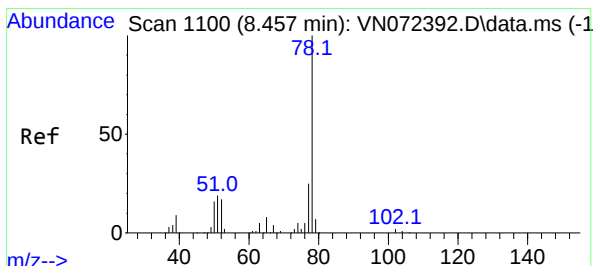
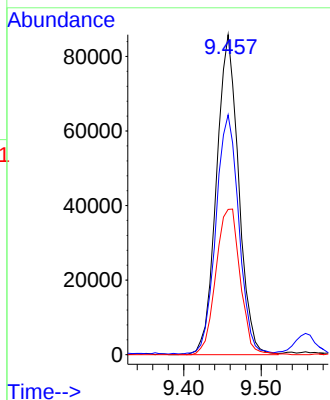
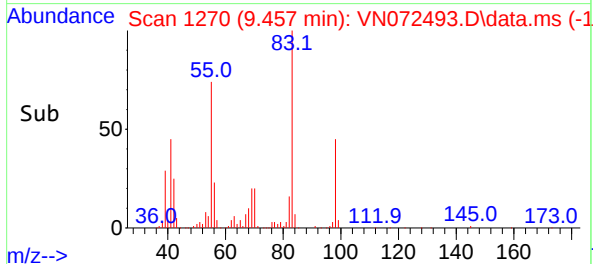
Ion	Ratio	Lower	Upper
83	100		
55	74.7	57.8	86.8
98	45.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#40

Benzene

Concen: 49.265 ug/l

RT: 8.457 min Scan# 1100

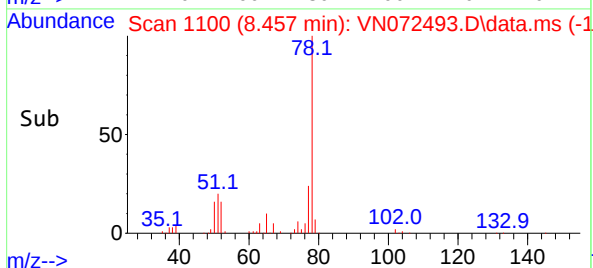
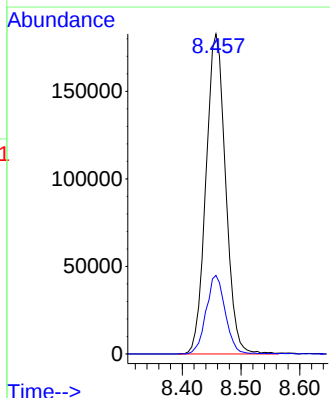
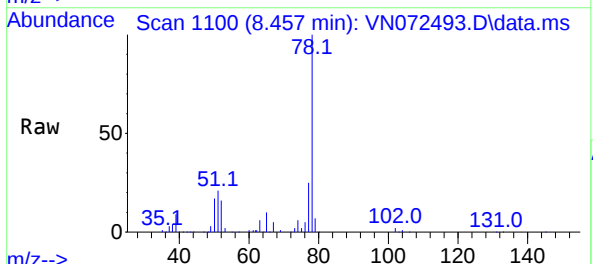
Delta R.T. 0.000 min

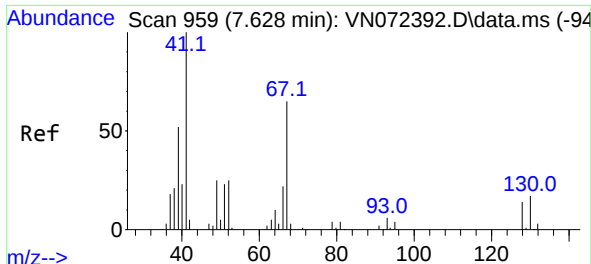
Lab File: VN072493.D

Acq: 13 May 2022 21:39

Tgt Ion: 78 Resp: 423600

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





#41
Methacrylonitrile
Concen: 54.439 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

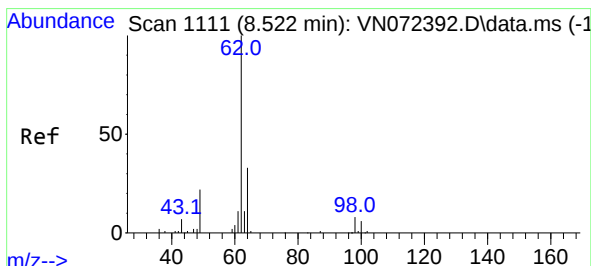
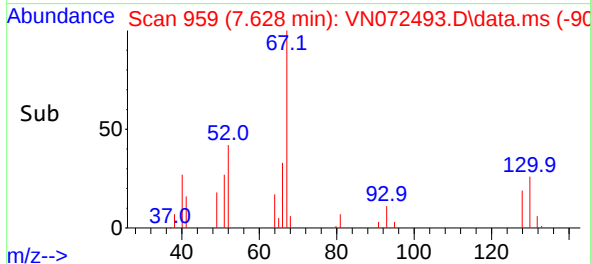
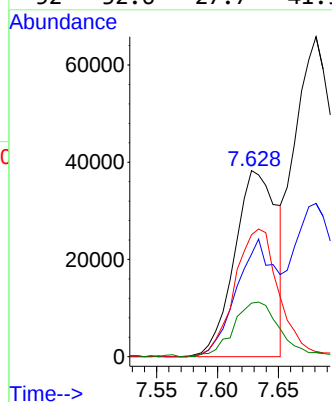
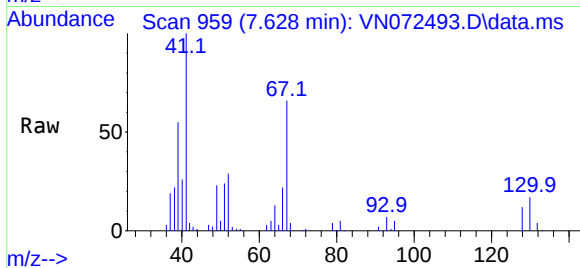
VSTDCCC050EC

Tgt Ion: 41 Resp: 9308
Ion Ratio Lower Upper
41 100
39 58.2 48.6 73.0
67 71.9 73.4 110.2
52 32.6 27.7 41.5

Manual Integrations

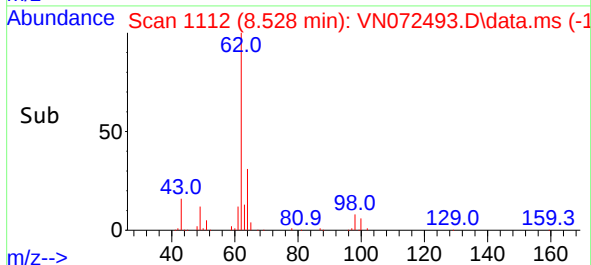
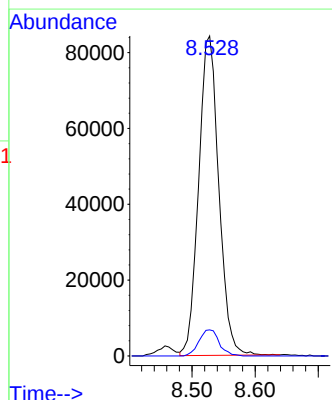
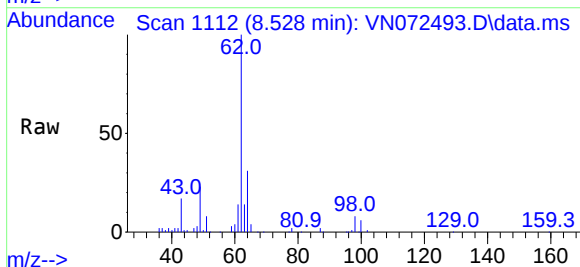
APPROVED

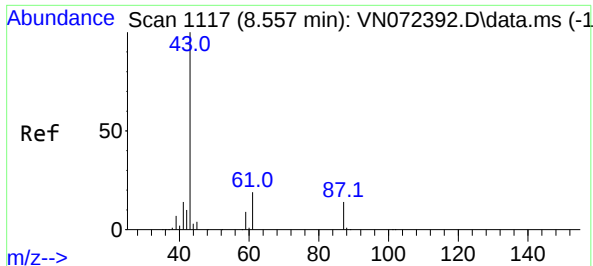
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 53.950 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Tgt Ion: 62 Resp: 186447
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 51.922 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072493.D

Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 275410

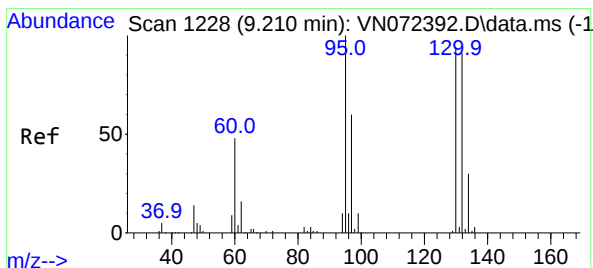
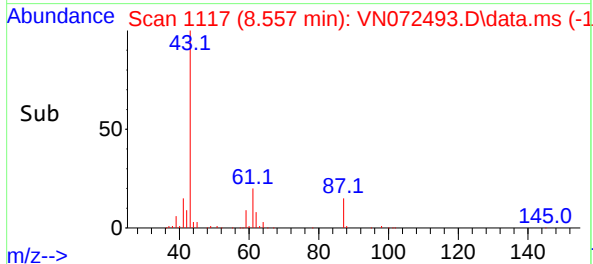
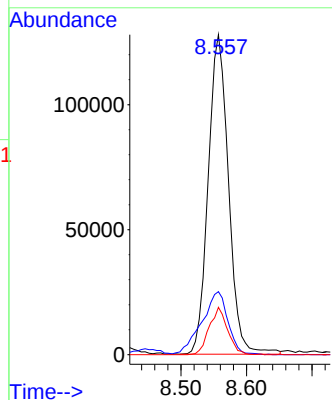
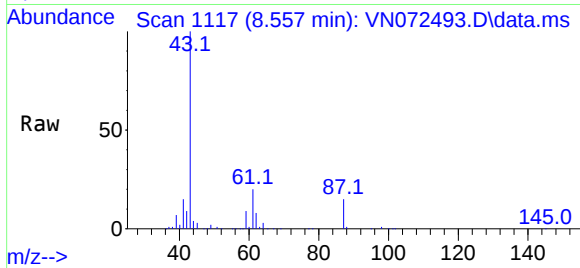
Ion	Ratio	Lower	Upper
43	100		
61	25.4	21.9	32.9
87	13.5	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#44

Trichloroethene

Concen: 51.665 ug/l

RT: 9.210 min Scan# 1228

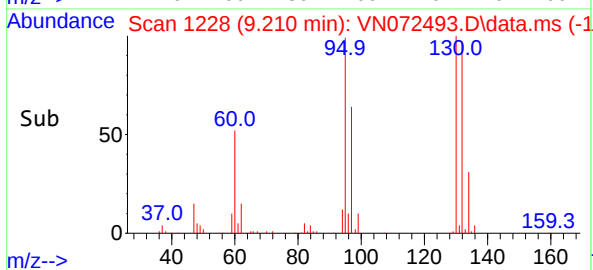
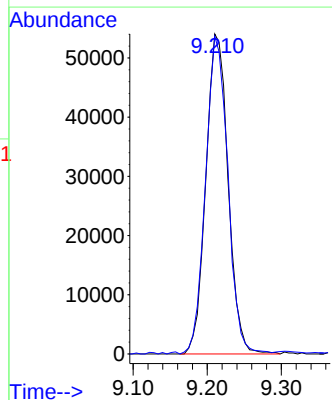
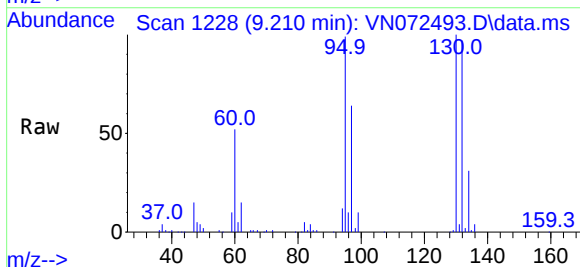
Delta R.T. 0.000 min

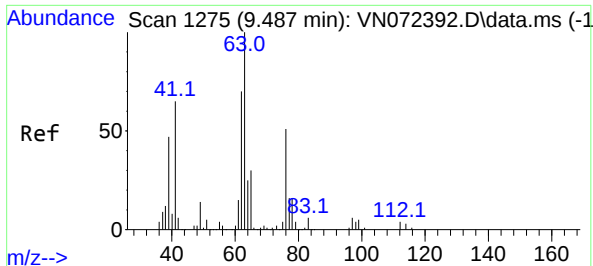
Lab File: VN072493.D

Acq: 13 May 2022 21:39

Tgt Ion:130 Resp: 112771

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	186.8





#45

1,2-Dichloropropane

Concen: 48.901 ug/l

RT: 9.487 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072493.D

Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 107380

Ion Ratio Lower Upper

63 100

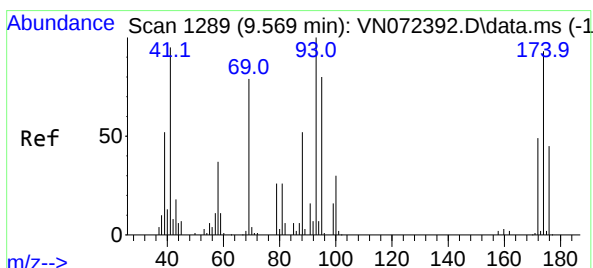
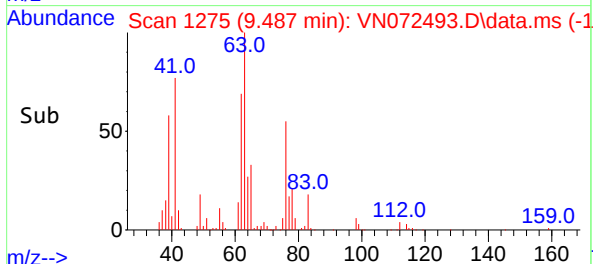
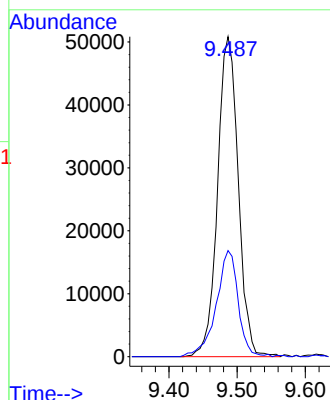
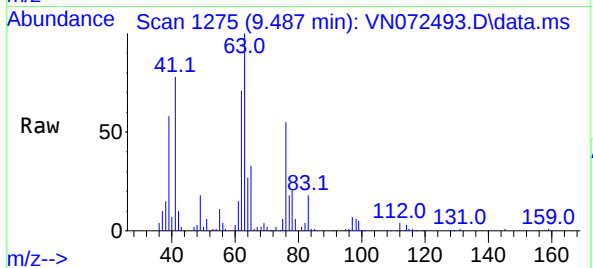
65 33.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 51.930 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072493.D

Acq: 13 May 2022 21:39

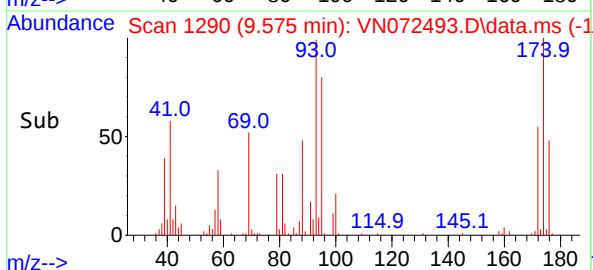
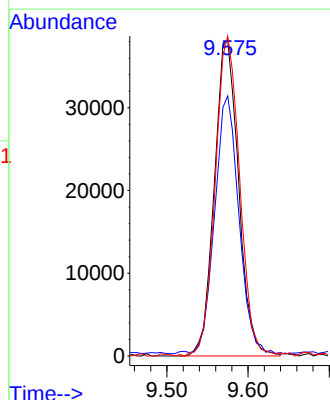
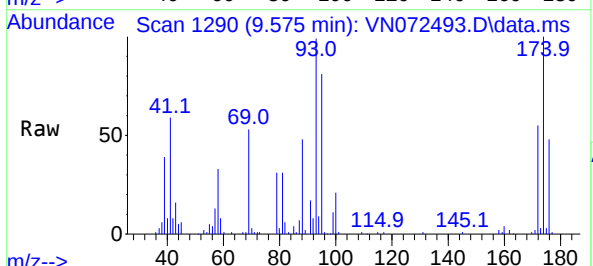
Tgt Ion: 93 Resp: 79398

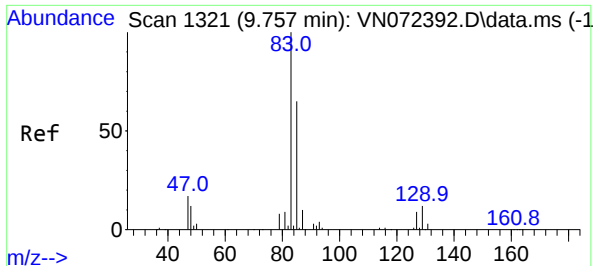
Ion Ratio Lower Upper

93 100

95 81.3 66.9 100.3

174 102.2 86.6 130.0





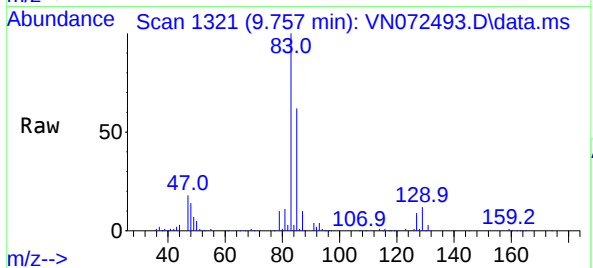
#47
Bromodichloromethane
Concen: 53.731 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



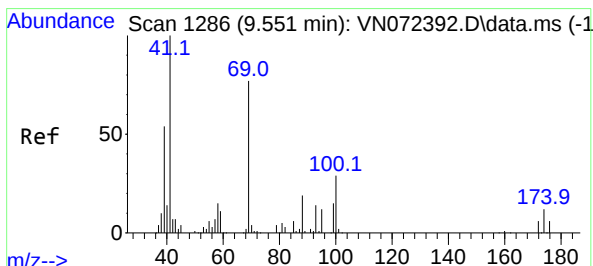
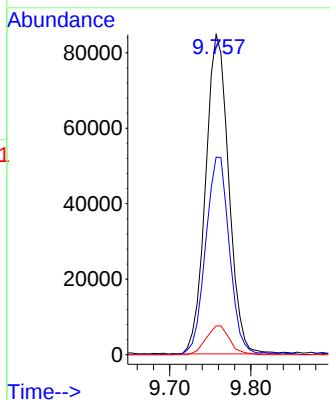
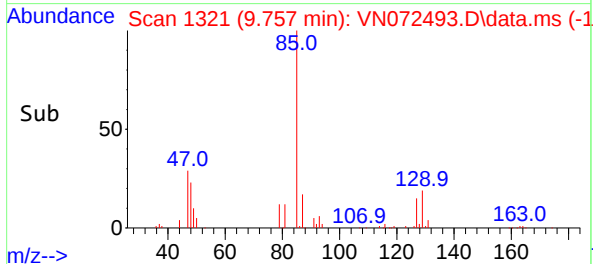
Tgt Ion: 83 Resp: 16748
Ion Ratio Lower Upper
83 100
85 61.7 50.5 75.7
127 9.0 6.8 10.2

Manual Integrations

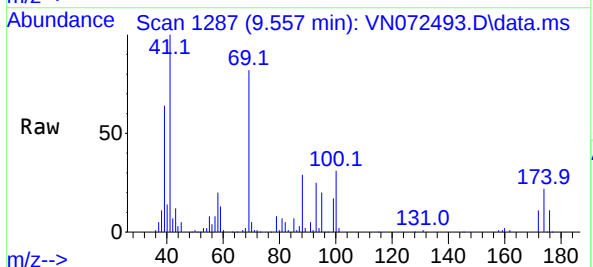
APPROVED

Reviewed By :John Carlone 05/16/2022

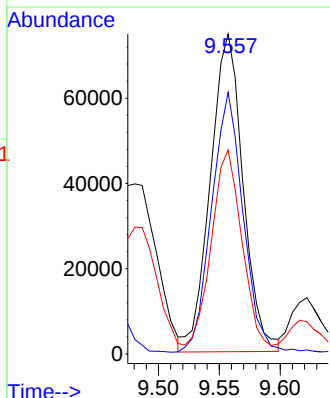
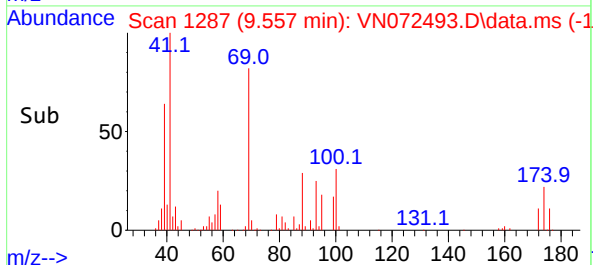
Supervised By :Mahesh Dadoda 05/16/2022

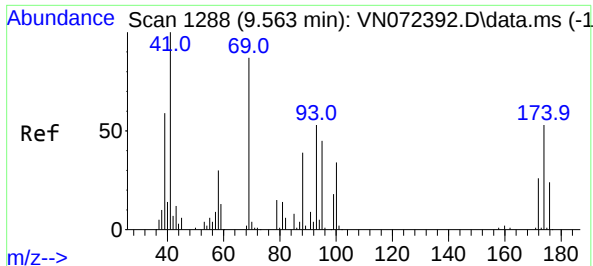


#48
Methyl methacrylate
Concen: 56.371 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



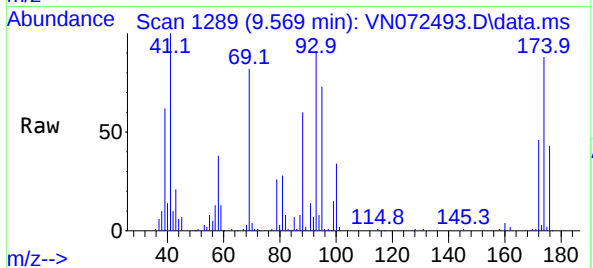
Tgt Ion: 41 Resp: 139505
Ion Ratio Lower Upper
41 100
69 80.2 74.7 112.1
39 60.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1255.219 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

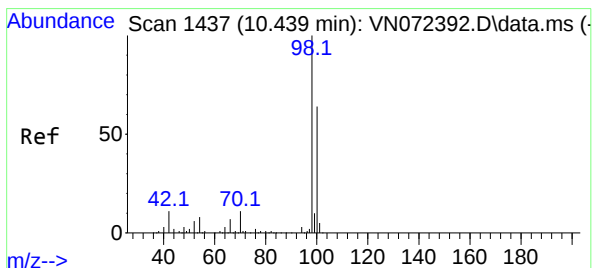
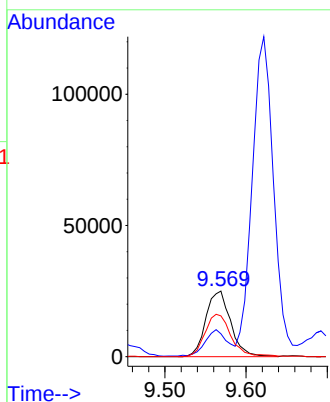
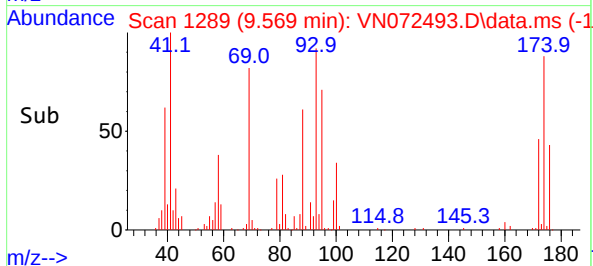
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 52990
Ion Ratio Lower Upper
88 100
43 35.7 20.2 30.4
58 68.6 54.2 81.4

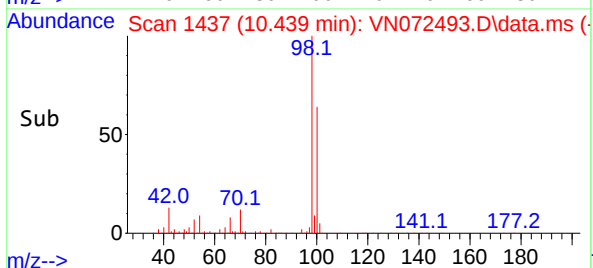
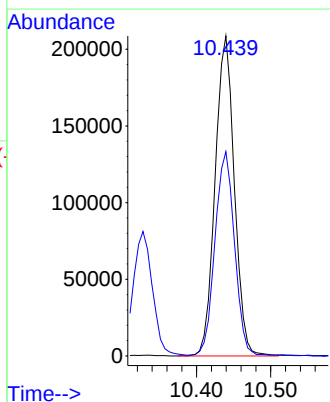
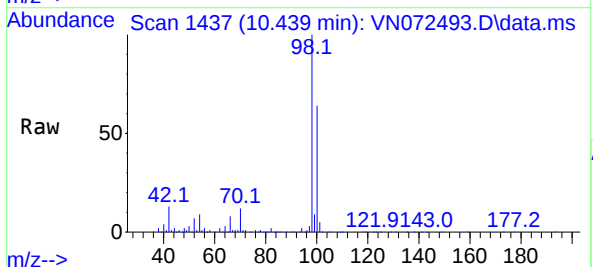
Manual Integrations
APPROVED

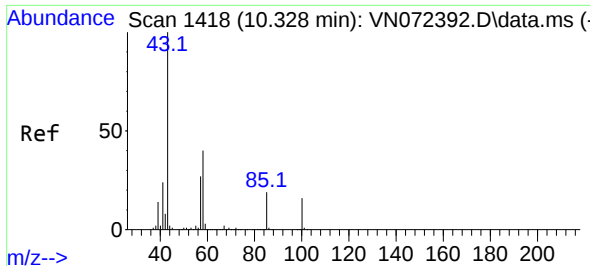
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
Toluene-d8
Concen: 49.276 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

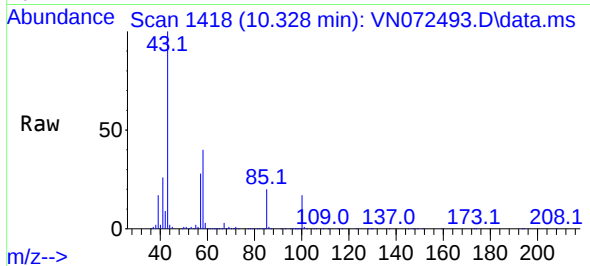
Tgt Ion: 98 Resp: 376082
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 269.958 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

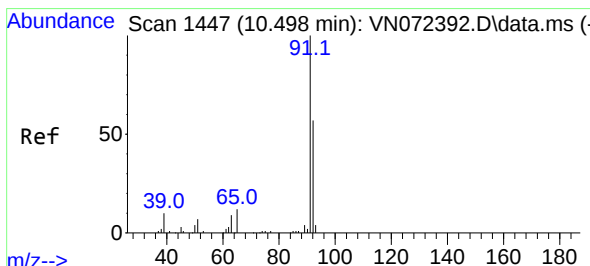
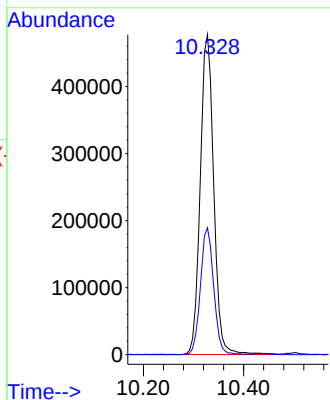
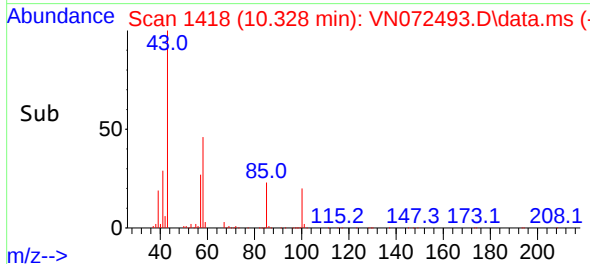
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



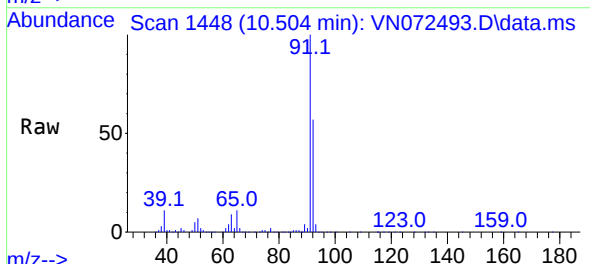
Tgt Ion: 43 Resp: 889162
Ion Ratio Lower Upper
43 100
58 39.1 34.1 51.1

Manual Integrations
APPROVED

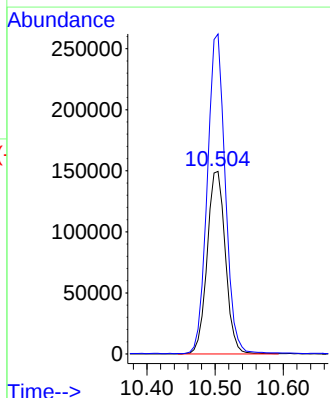
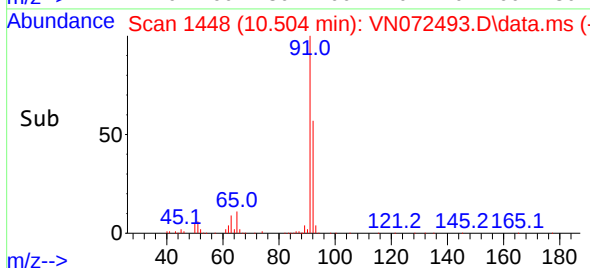
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

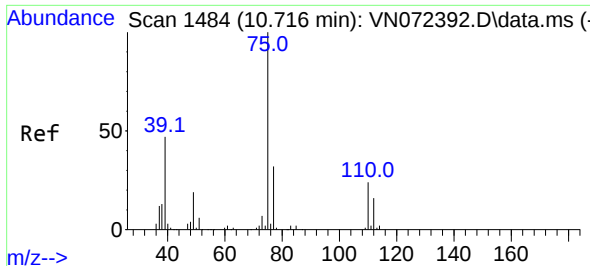


#52
Toluene
Concen: 52.517 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



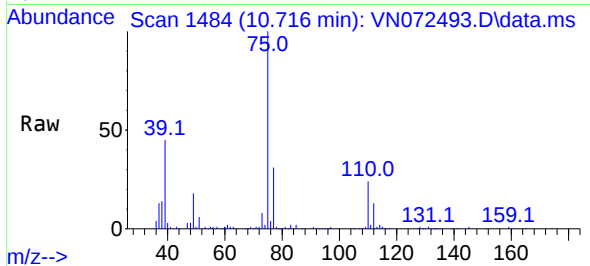
Tgt Ion: 92 Resp: 278437
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 56.614 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

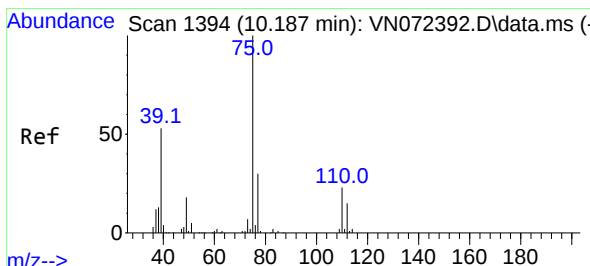
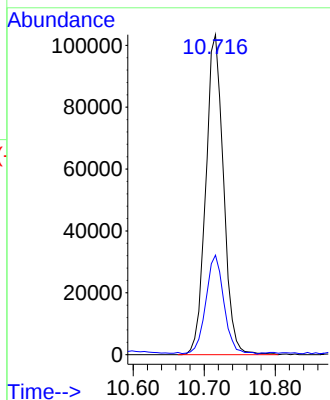
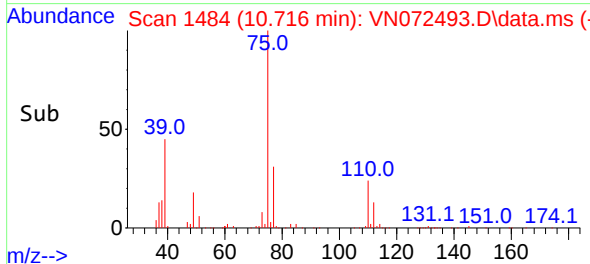
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



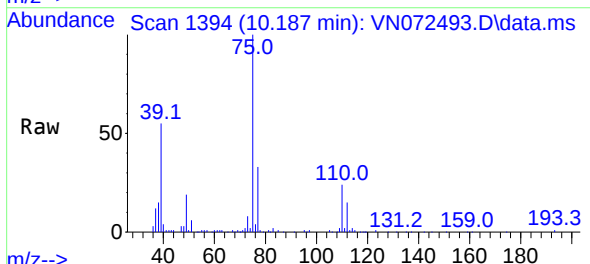
Tgt Ion: 75 Resp: 179620
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

Manual Integrations
APPROVED

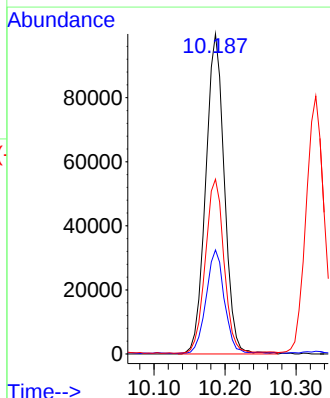
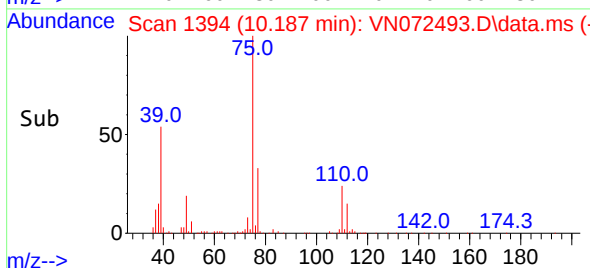
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

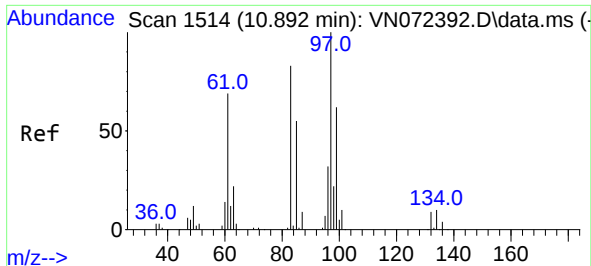


#54
cis-1,3-Dichloropropene
Concen: 53.767 ug/l
RT: 10.187 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



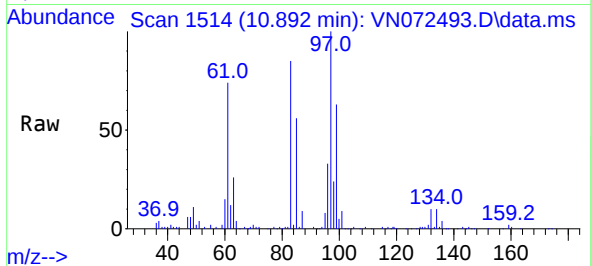
Tgt Ion: 75 Resp: 182008
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 54.3 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 51.972 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

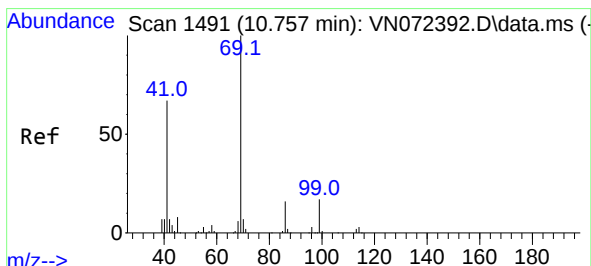
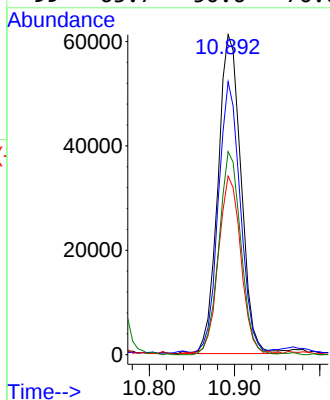
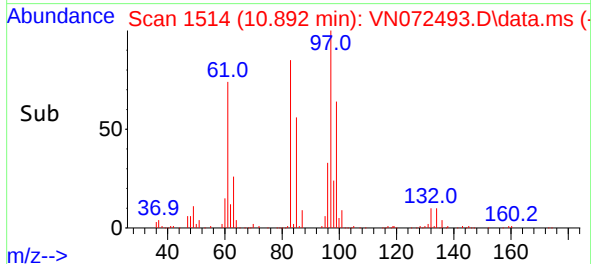


Tgt Ion: 97 Resp: 11479

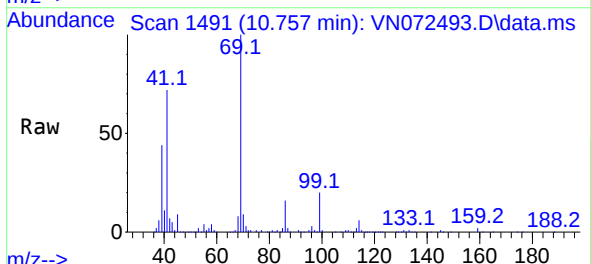
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.2	99.4
85	56.0	43.9	65.9
99	63.7	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

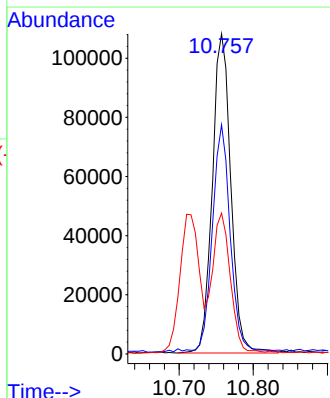
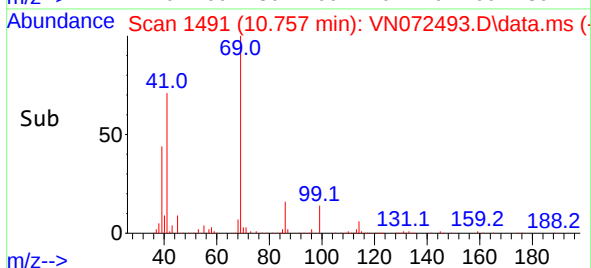


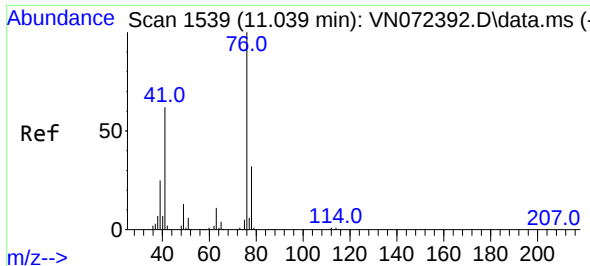
#56
Ethyl methacrylate
Concen: 59.162 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



Tgt Ion: 69 Resp: 187280

Ion	Ratio	Lower	Upper
69	100		
41	66.7	47.8	71.6
39	42.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 51.920 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072493.D

Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 19527

Ion Ratio Lower Upper

76 100

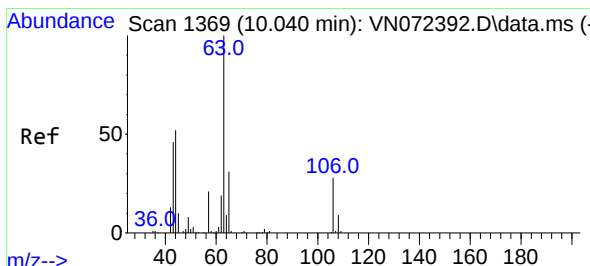
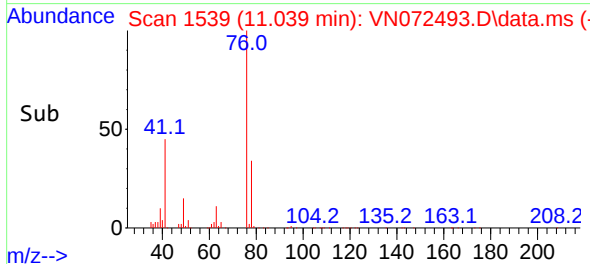
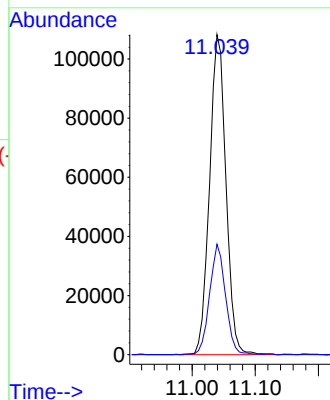
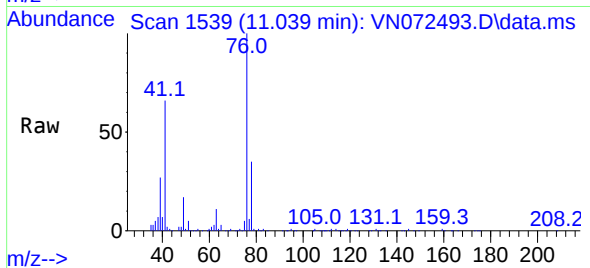
78 33.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 276.543 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.001 min

Lab File: VN072493.D

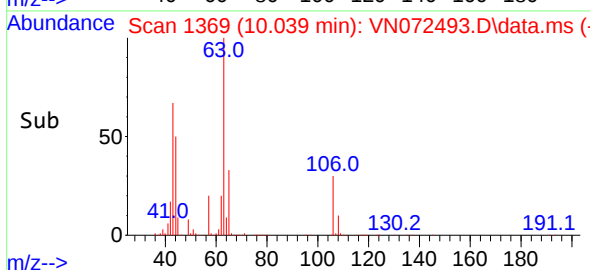
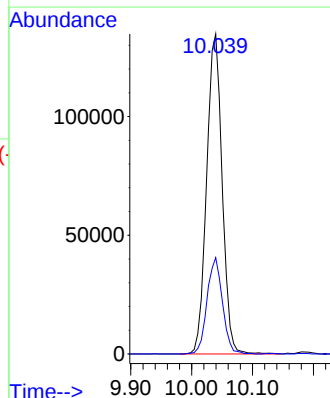
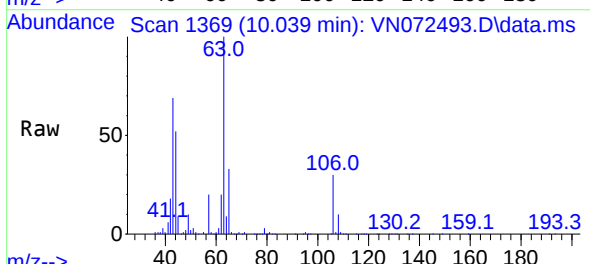
Acq: 13 May 2022 21:39

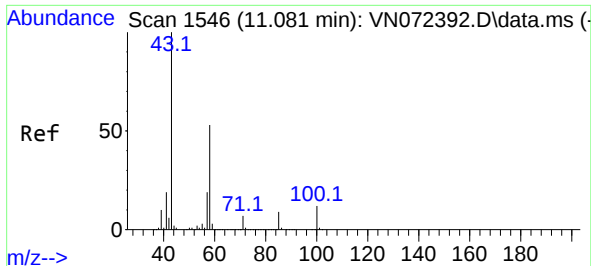
Tgt Ion: 63 Resp: 238337

Ion Ratio Lower Upper

63 100

106 29.8 24.6 36.8





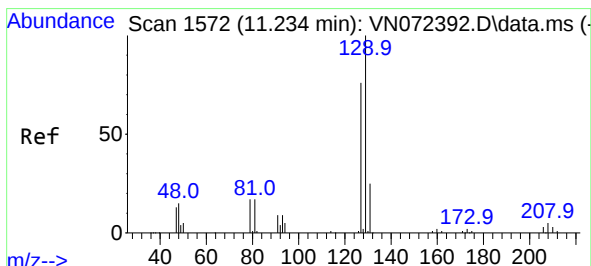
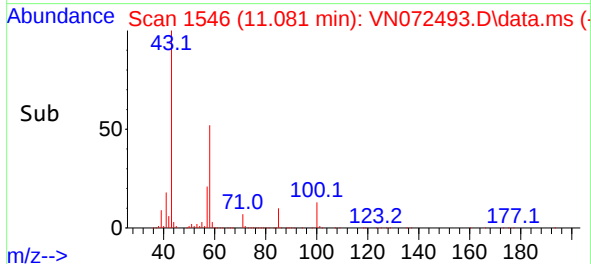
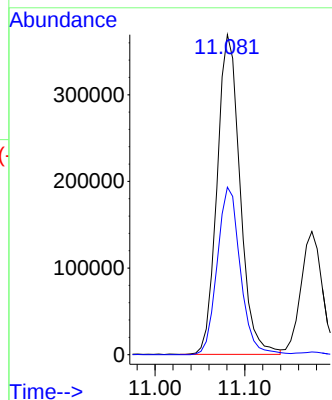
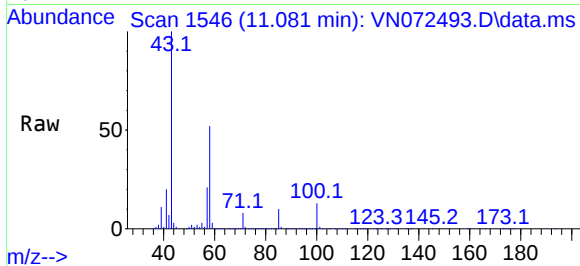
#59
2-Hexanone
Concen: 284.362 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 65673
Ion Ratio Lower Upper
43 100
58 52.6 29.7 89.1

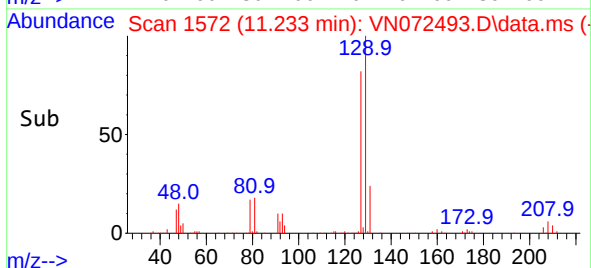
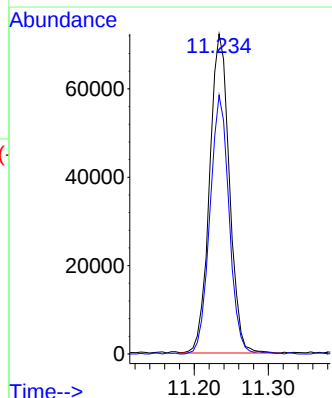
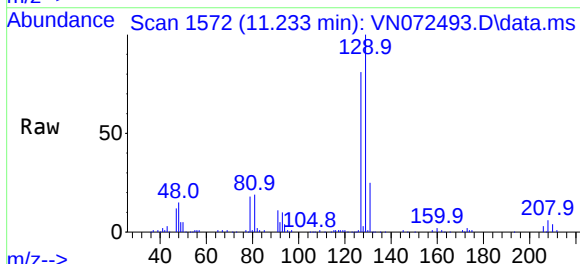
Manual Integrations
APPROVED

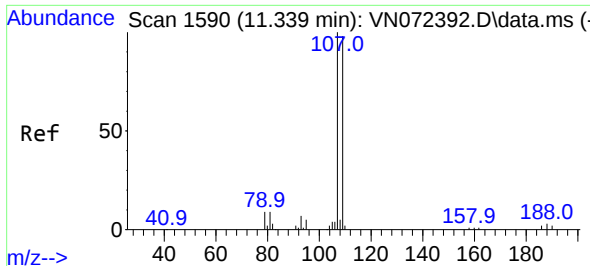
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#60
Dibromochloromethane
Concen: 57.067 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

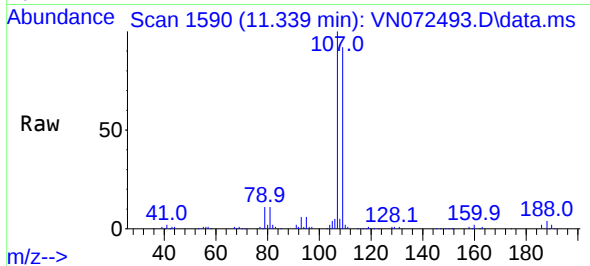
Tgt Ion:129 Resp: 133894
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.529 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

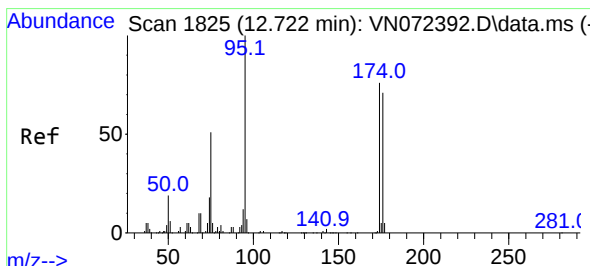
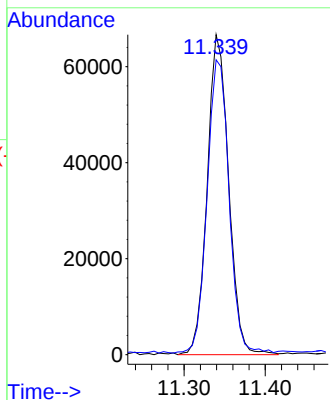
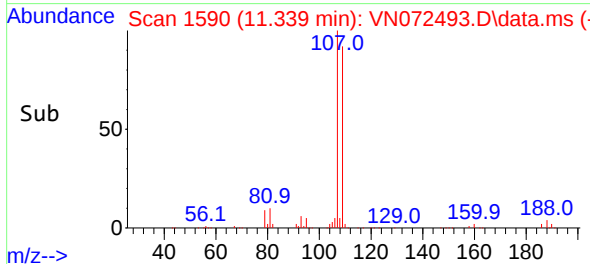
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



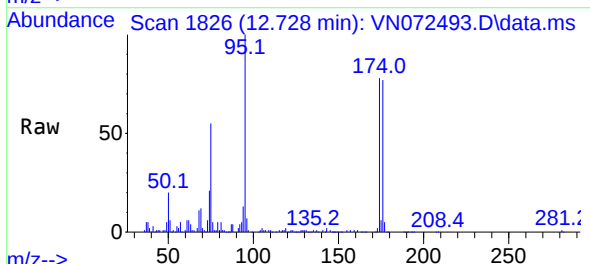
Tgt Ion:107 Resp: 122228
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6

Manual Integrations
APPROVED

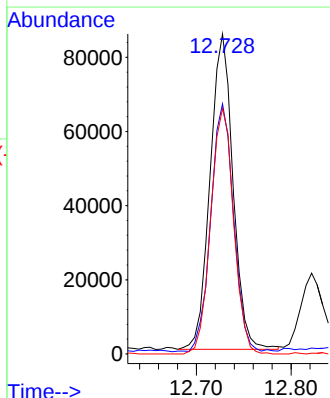
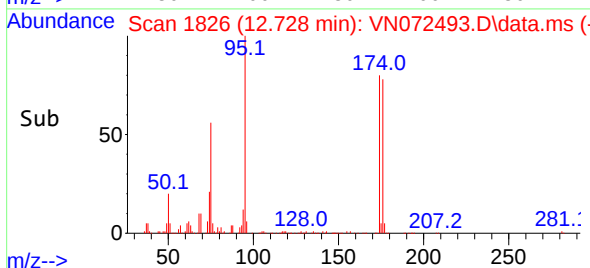
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

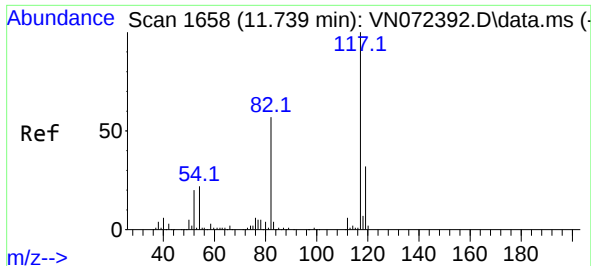


#62
4-Bromofluorobenzene
Concen: 56.554 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



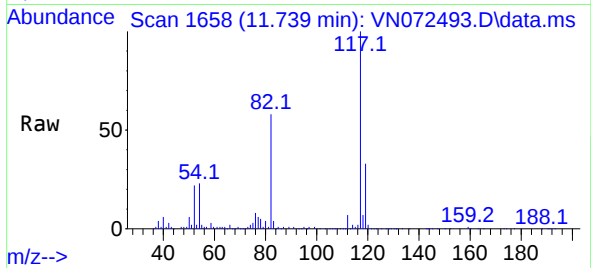
Tgt Ion: 95 Resp: 143346
Ion Ratio Lower Upper
95 100
174 77.3 0.0 167.6
176 77.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

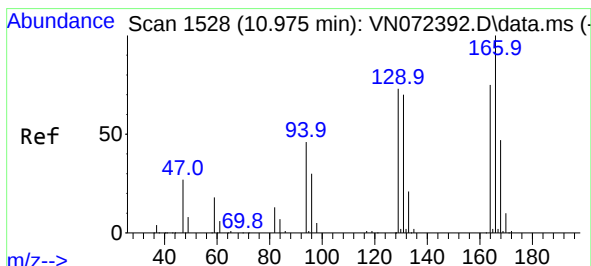
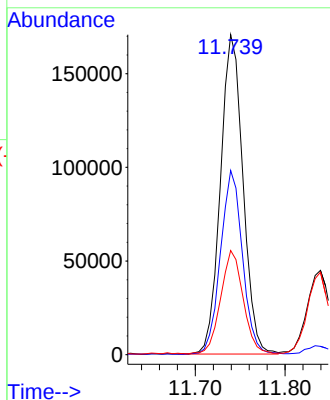
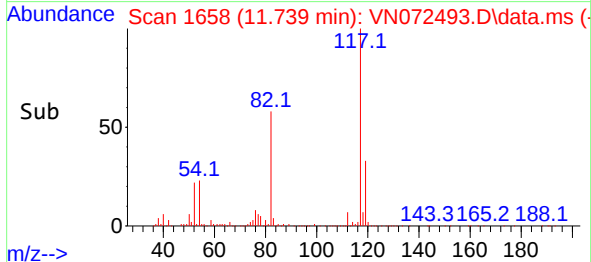
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



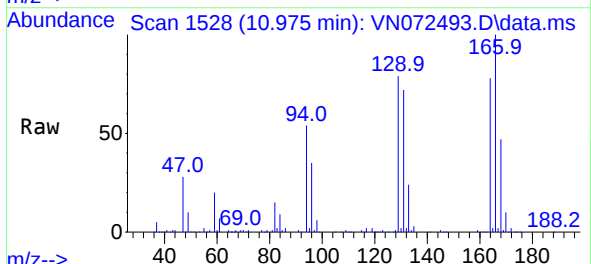
Tgt Ion:117 Resp: 297308
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 32.2 25.4 38.0

Manual Integrations
APPROVED

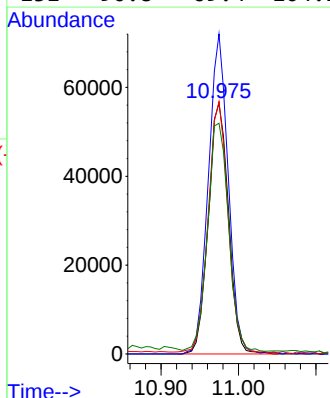
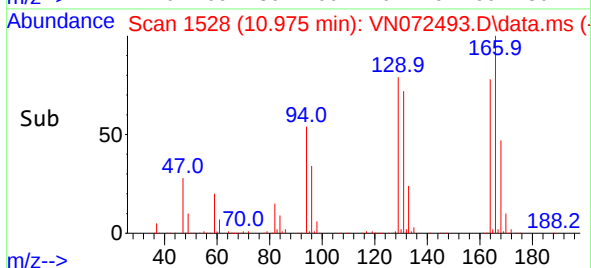
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

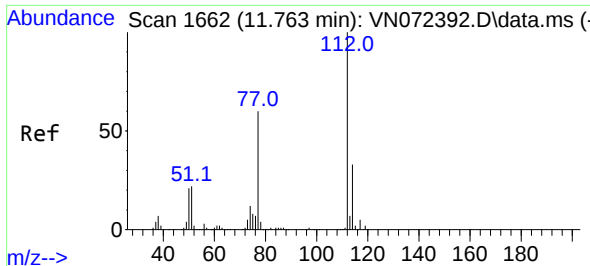


#64
Tetrachloroethene
Concen: 47.720 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



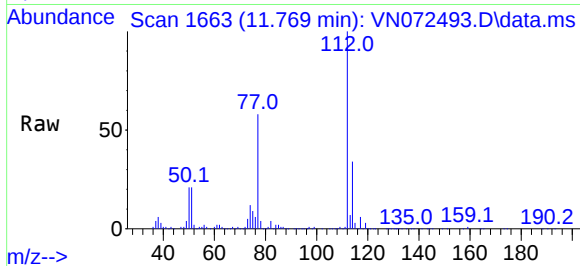
Tgt Ion:164 Resp: 102122
Ion Ratio Lower Upper
164 100
166 127.7 104.2 156.2
129 100.2 73.9 110.9
131 90.8 69.4 104.2





#65
Chlorobenzene
Concen: 49.904 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

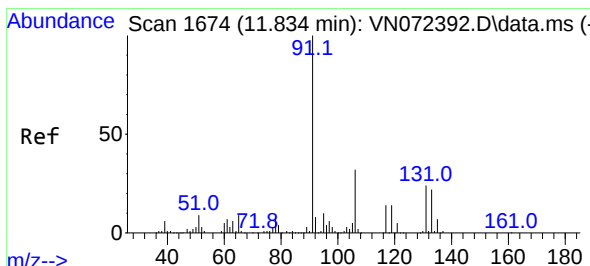
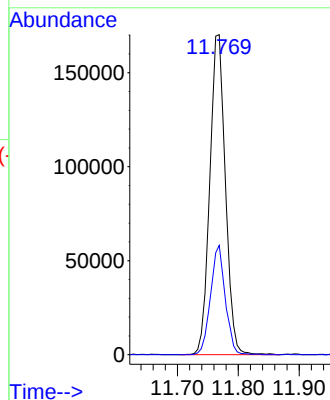
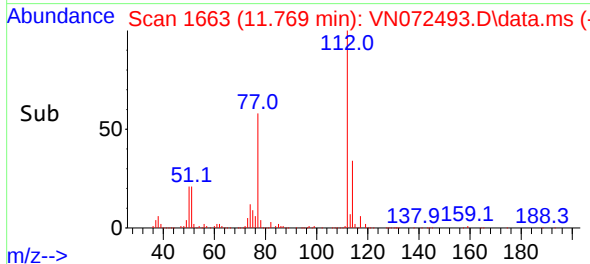
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



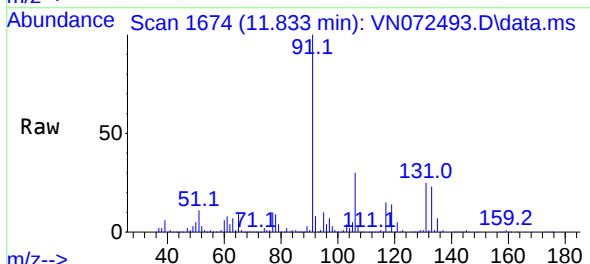
Tgt Ion:112 Resp: 30313
Ion Ratio Lower Upper
112 100
114 34.1 25.4 38.2

Manual Integrations
APPROVED

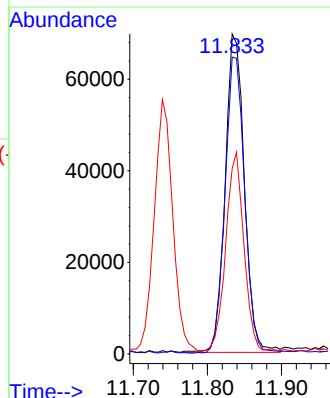
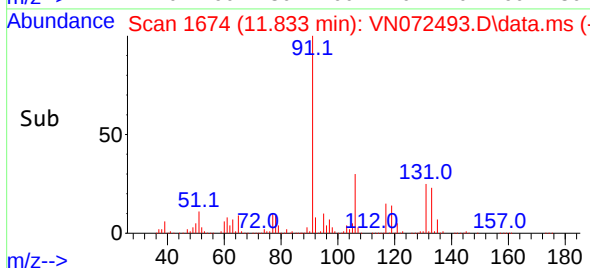
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

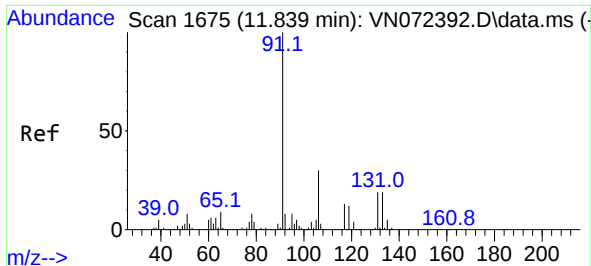


#66
1,1,1,2-Tetrachloroethane
Concen: 51.435 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.001 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



Tgt Ion:131 Resp: 125051
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 58.1 33.4 100.2





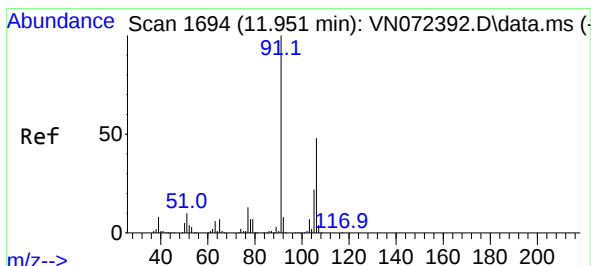
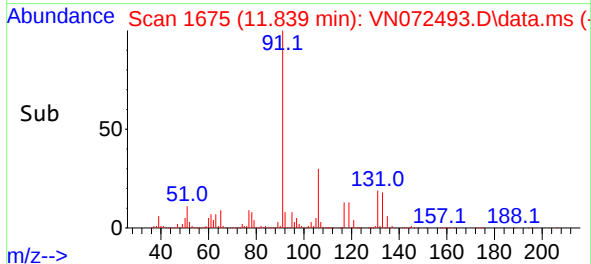
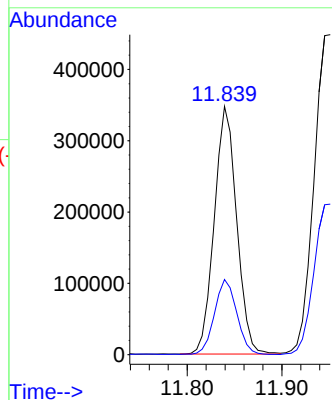
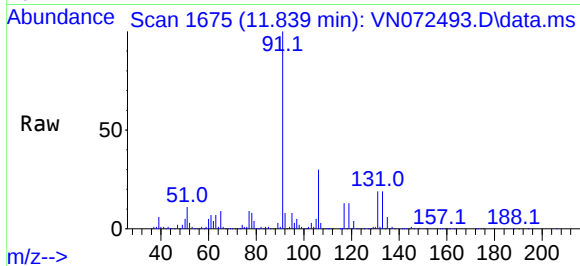
#67
Ethyl Benzene
Concen: 54.432 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 570460
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

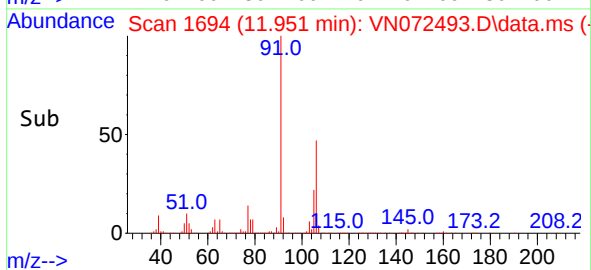
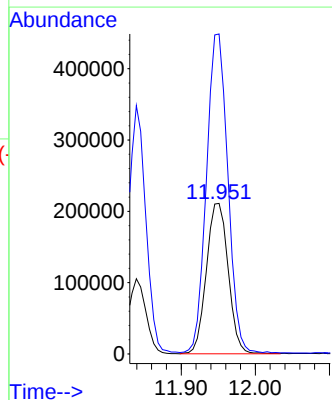
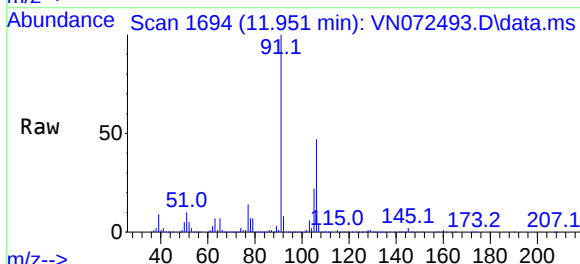
Manual Integrations
APPROVED

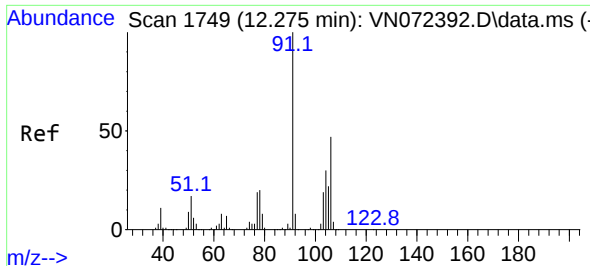
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#68
m/p-Xylenes
Concen: 108.306 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

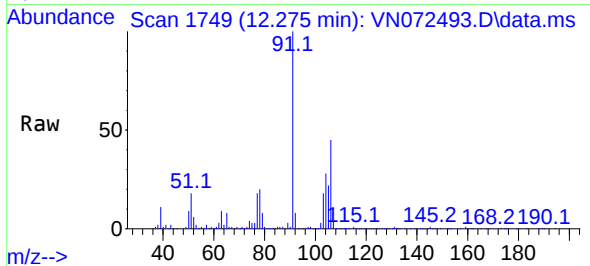
Tgt Ion:106 Resp: 430504
Ion Ratio Lower Upper
106 100
91 208.5 158.9 238.3





#69
o-Xylene
Concen: 54.655 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

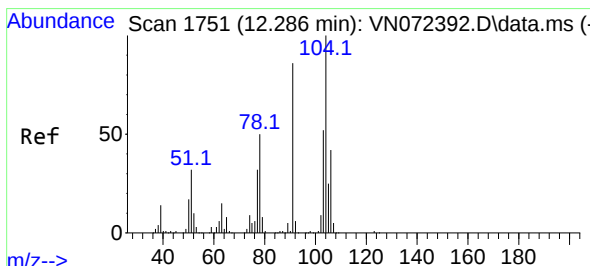
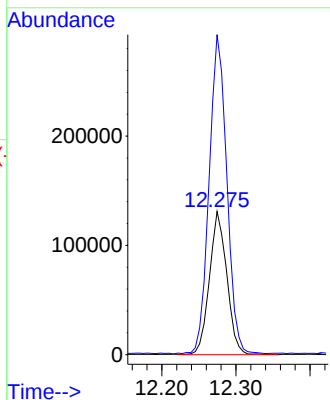
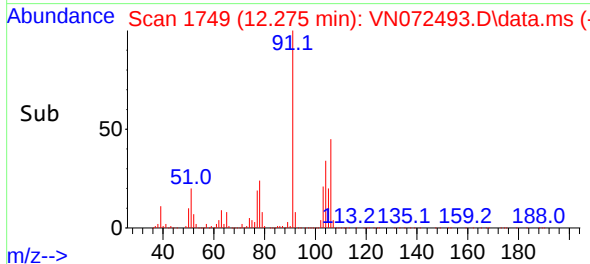
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



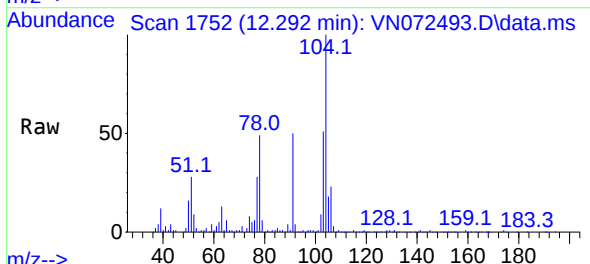
Tgt Ion:106 Resp: 213450
Ion Ratio Lower Upper
106 100
91 227.0 106.0 318.0

Manual Integrations
APPROVED

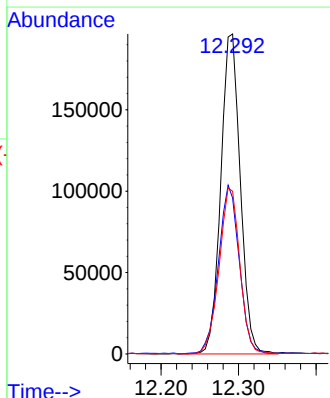
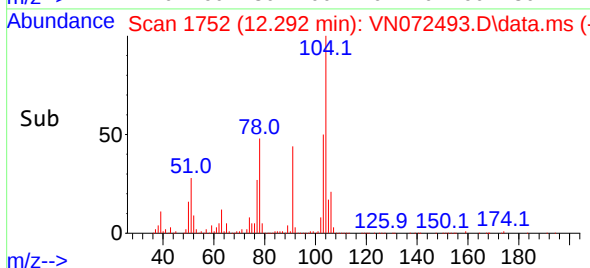
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

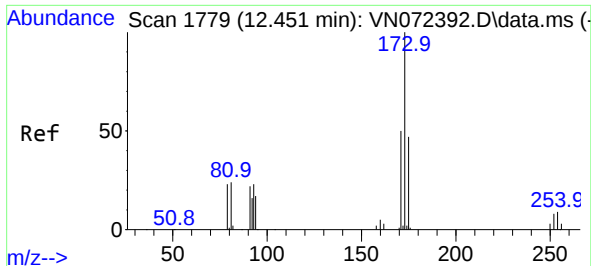


#70
Styrene
Concen: 57.733 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



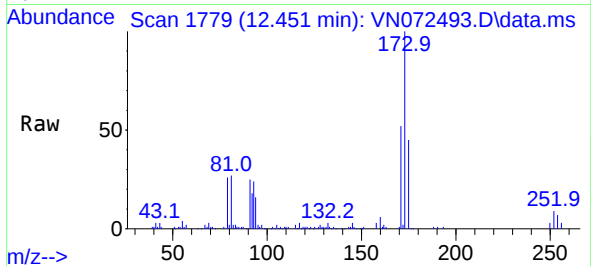
Tgt Ion:104 Resp: 344934
Ion Ratio Lower Upper
104 100
78 56.0 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 55.503 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

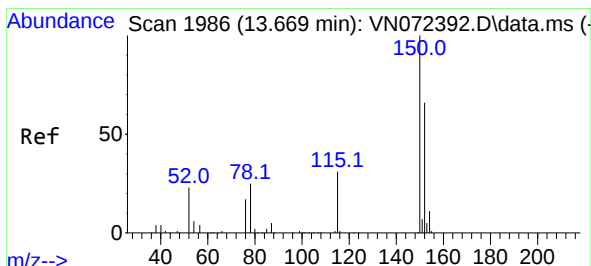
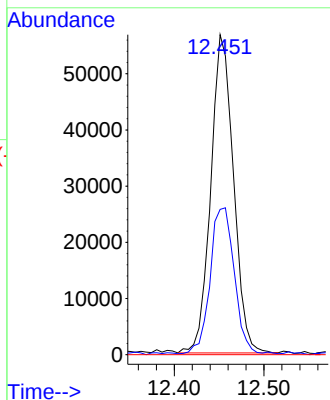
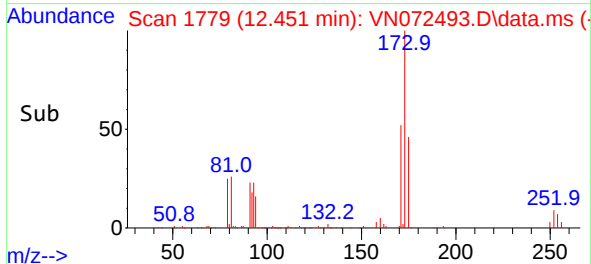
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



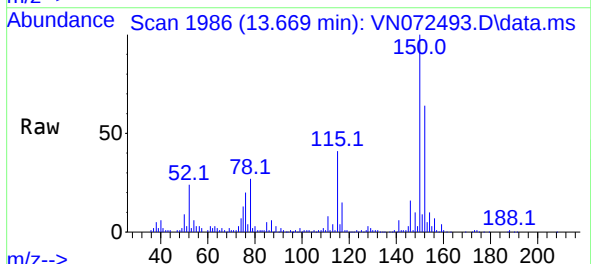
Tgt Ion:173 Resp: 9954
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

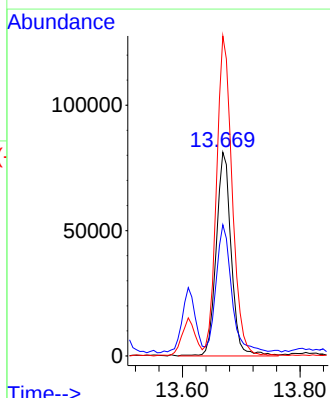
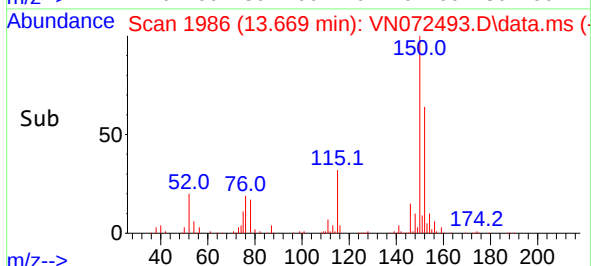
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

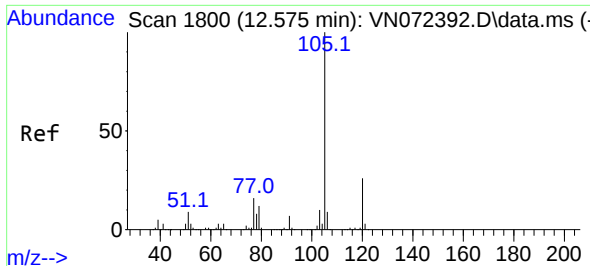


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



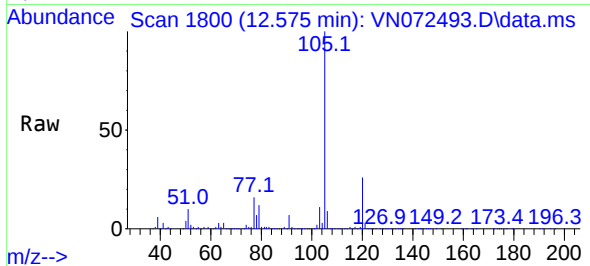
Tgt Ion:152 Resp: 144408
Ion Ratio Lower Upper
152 100
115 63.1 28.9 86.7
150 163.3 0.0 356.2





#73
Isopropylbenzene
Concen: 48.522 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

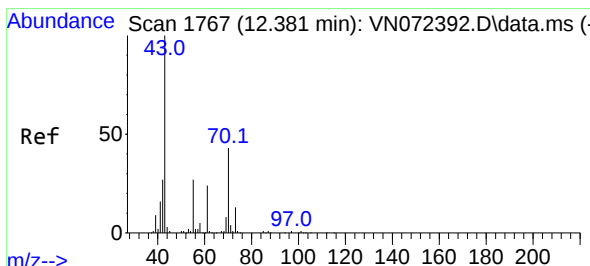
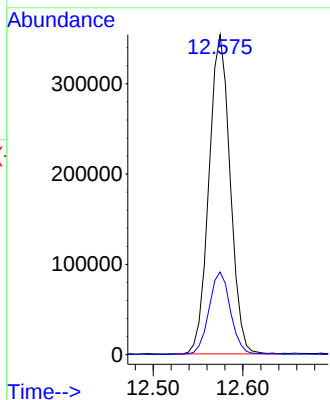
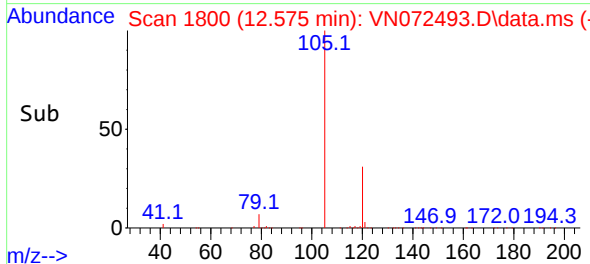
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



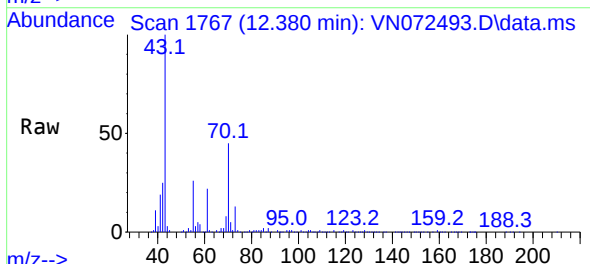
Tgt Ion:105 Resp: 58047
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

Manual Integrations
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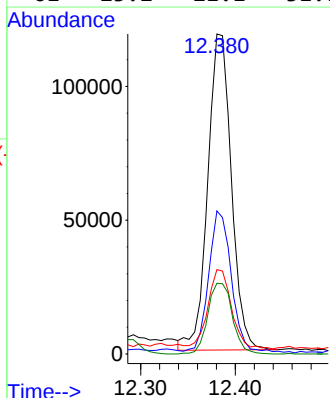
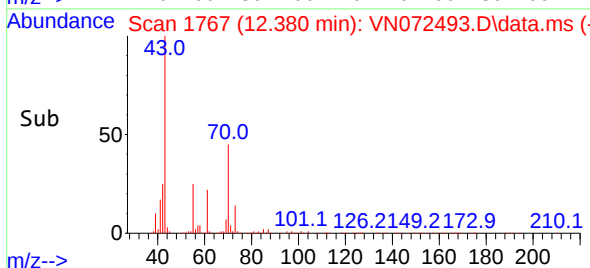
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

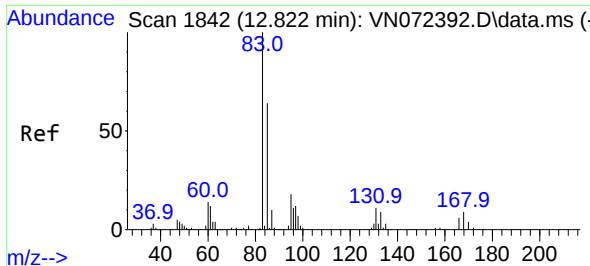


#74
N-ethyl acetate
Concen: 48.541 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



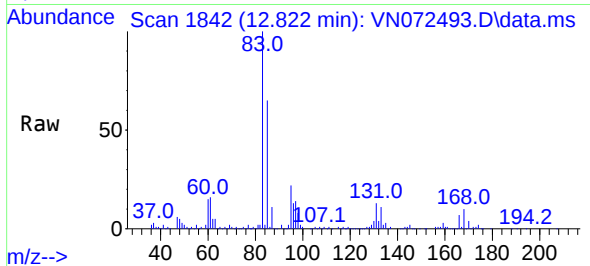
Tgt Ion: 43 Resp: 205258
Ion Ratio Lower Upper
43 100
70 43.5 39.0 58.4
55 25.0 21.1 31.7
61 23.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 40.006 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

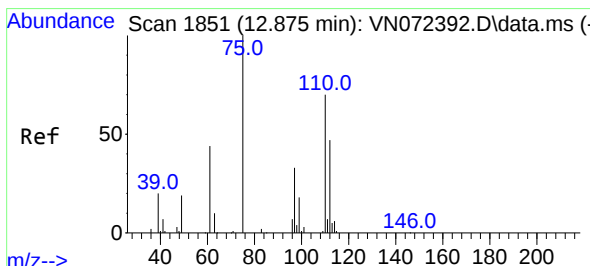
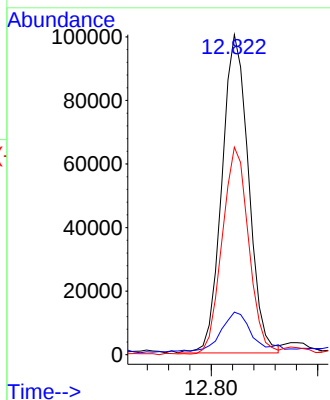
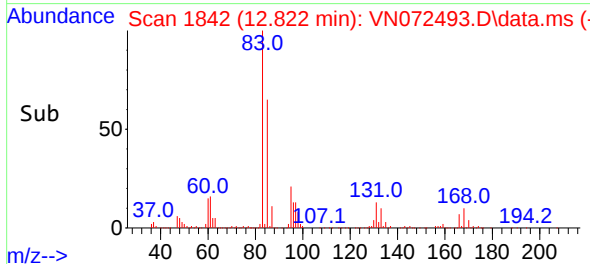
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



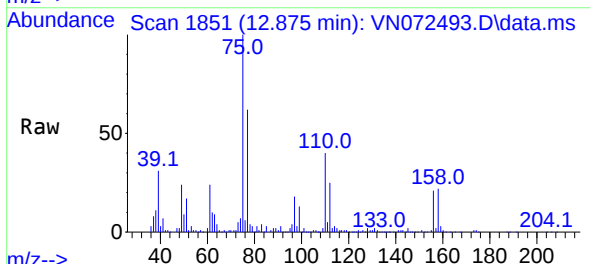
Tgt Ion: 83 Resp: 17375
Ion Ratio Lower Upper
83 100
131 16.5 5.3 15.9
85 64.8 32.3 96.9

Manual Integrations
APPROVED

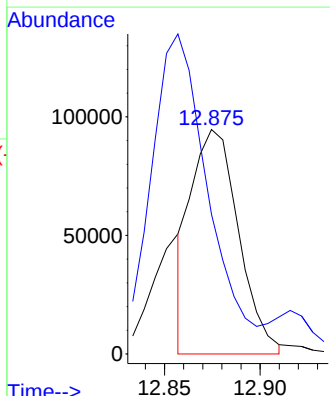
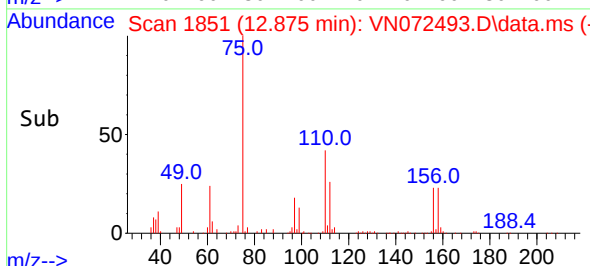
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

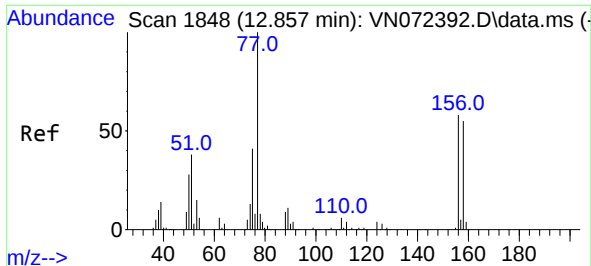


#76
1,2,3-Trichloropropane
Concen: 43.325 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



Tgt Ion: 75 Resp: 163182
Ion Ratio Lower Upper
75 100
77 170.1 98.5 295.5





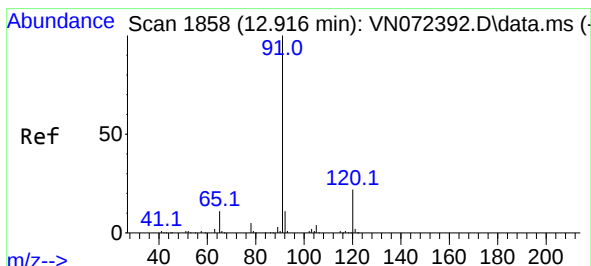
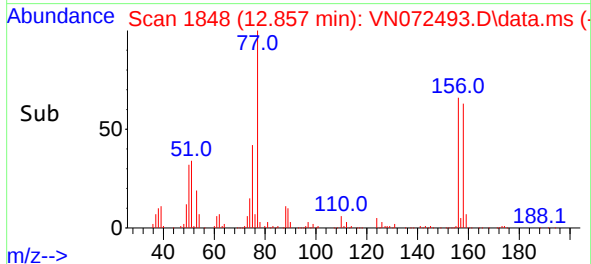
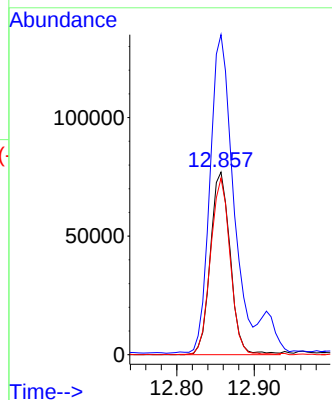
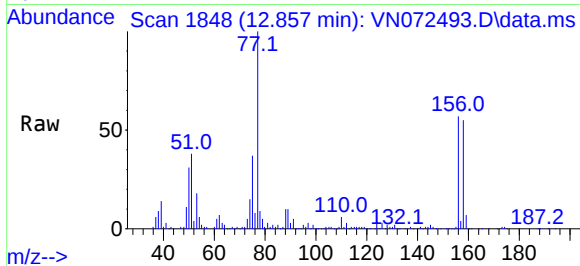
#77
Bromobenzene
Concen: 47.950 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 13724
Ion Ratio Lower Upper
156 100
77 202.2 100.5 301.5
158 95.6 48.9 146.6

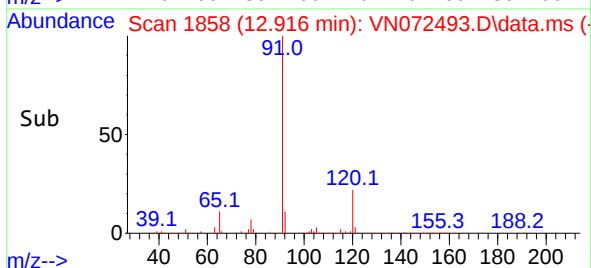
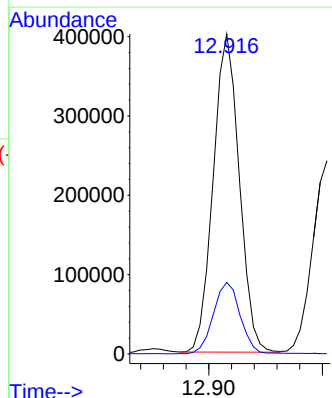
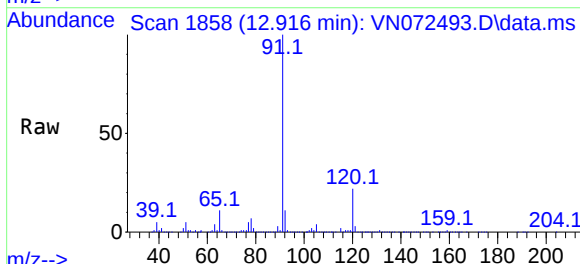
Manual Integrations
APPROVED

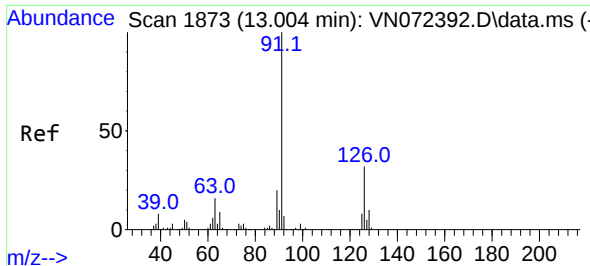
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#78
n-propylbenzene
Concen: 49.802 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Tgt Ion: 91 Resp: 637527
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 46.848 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

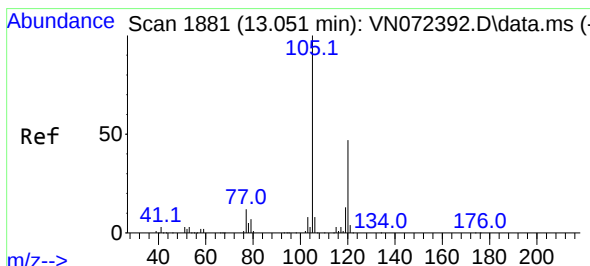
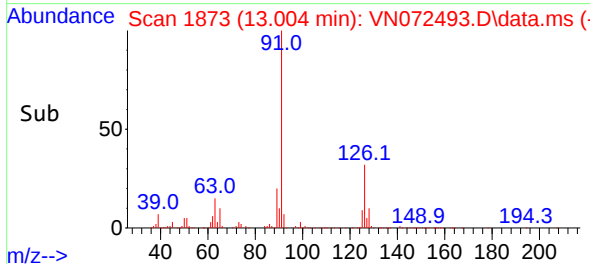
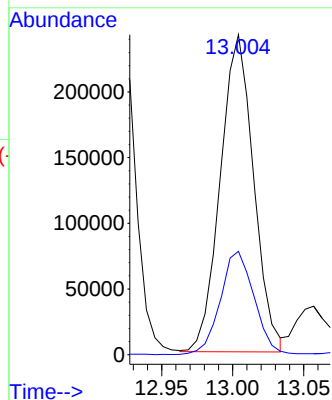
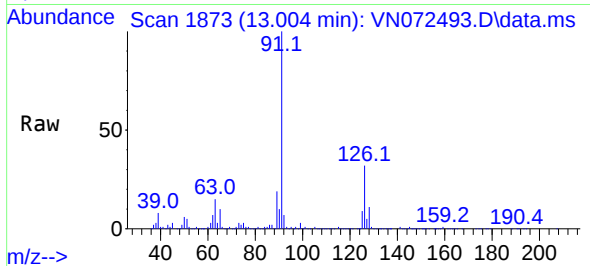
VSTDCCC050EC

Tgt Ion: 91 Resp: 393984
Ion Ratio Lower Upper
91 100
126 33.2 17.3 51.9

Manual Integrations

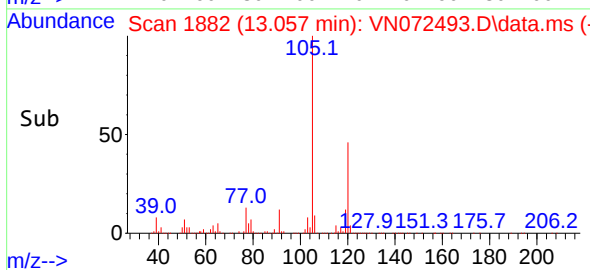
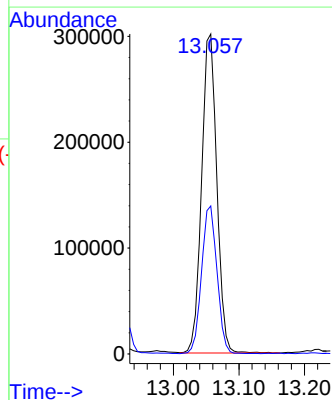
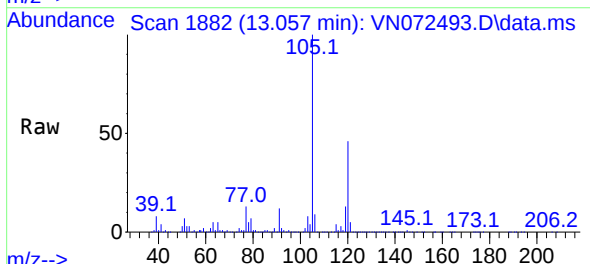
APPROVED

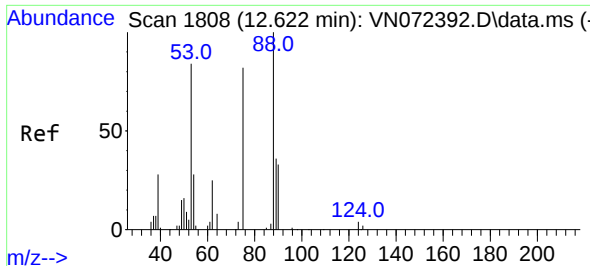
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.640 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Tgt Ion:105 Resp: 486363
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7





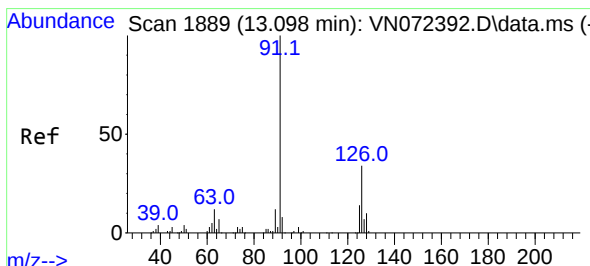
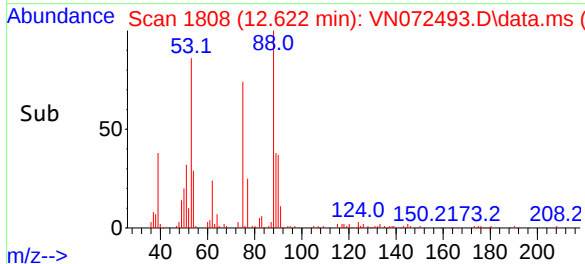
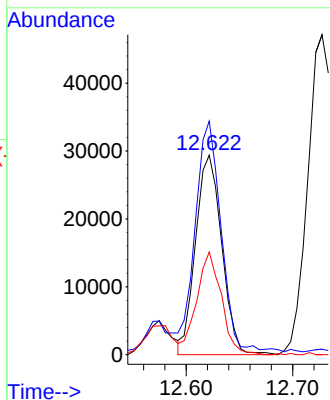
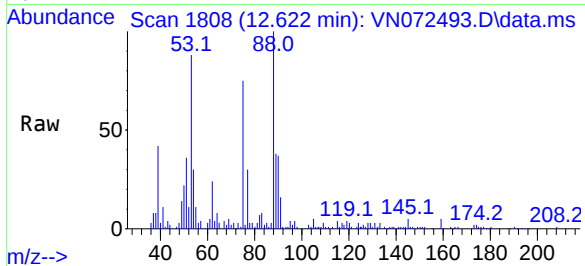
#81
trans-1,4-Dichloro-2-butene
Concen: 44.464 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5020
Ion Ratio Lower Upper
75 100
53 113.4 78.0 117.0
89 48.8 37.2 55.8

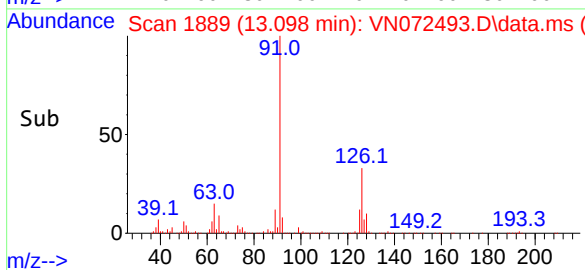
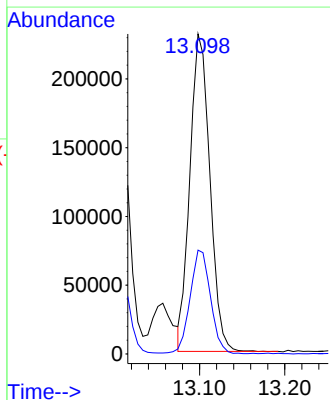
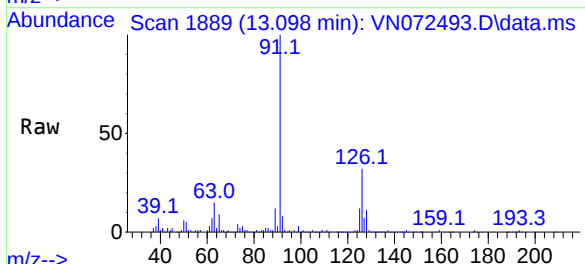
Manual Integrations
APPROVED

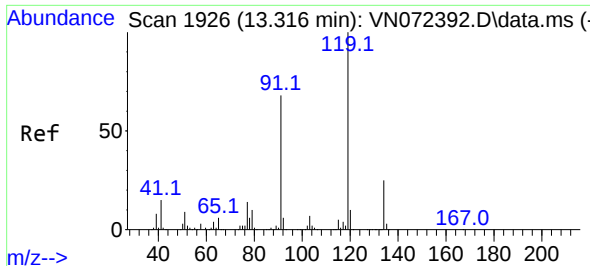
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#82
4-Chlorotoluene
Concen: 47.081 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

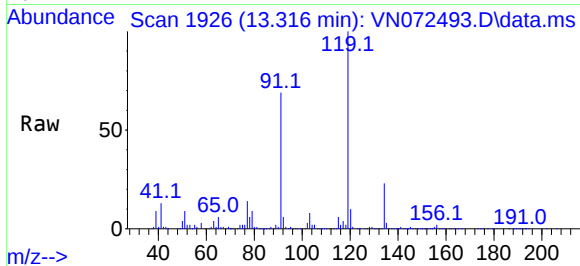
Tgt Ion: 91 Resp: 375229
Ion Ratio Lower Upper
91 100
126 33.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.160 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

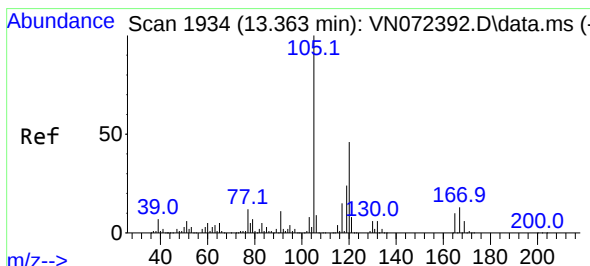
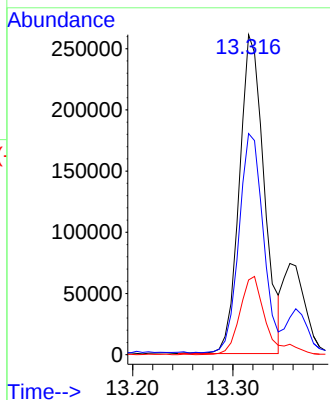
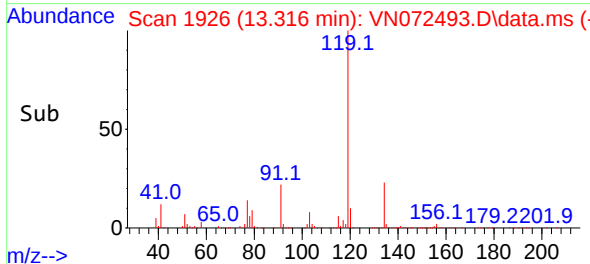
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



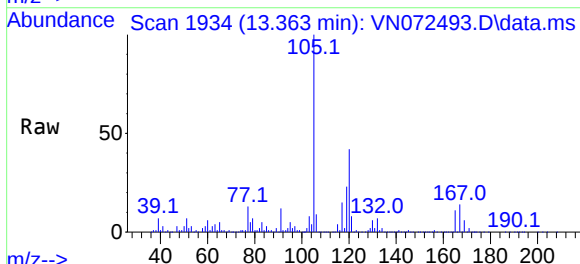
Tgt Ion:119 Resp: 44739
Ion Ratio Lower Upper
119 100
91 67.5 31.6 94.8
134 26.0 13.7 41.1

Manual Integrations
APPROVED

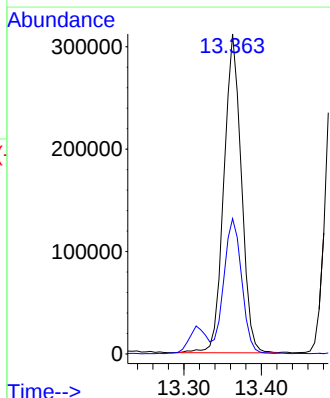
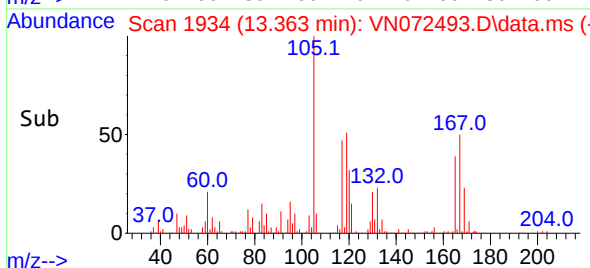
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

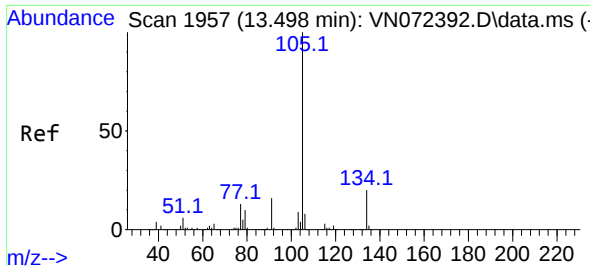


#84
1,2,4-Trimethylbenzene
Concen: 51.212 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



Tgt Ion:105 Resp: 488105
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8





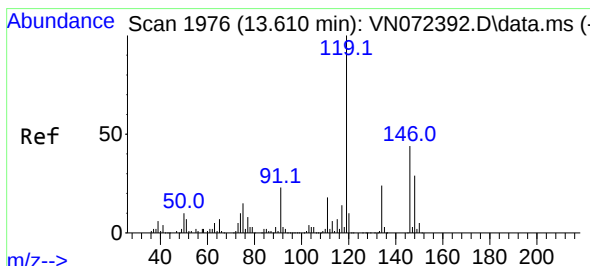
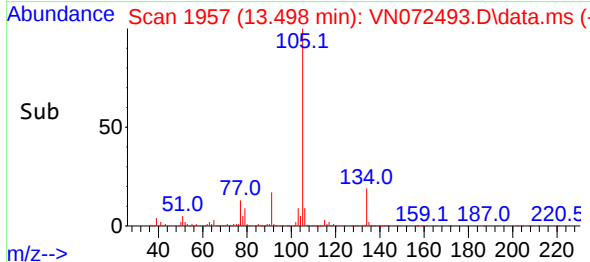
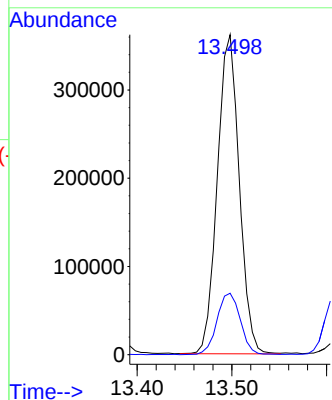
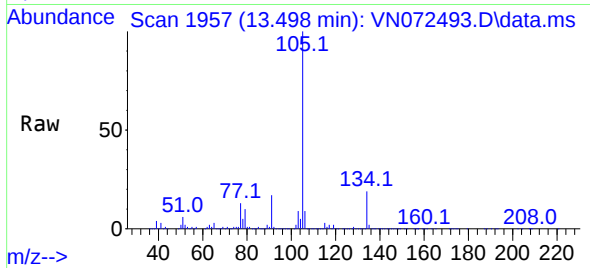
#85
 sec-Butylbenzene
 Concen: 50.834 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072493.D
 Acq: 13 May 2022 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 58150
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

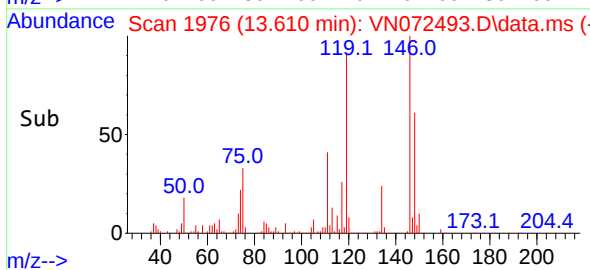
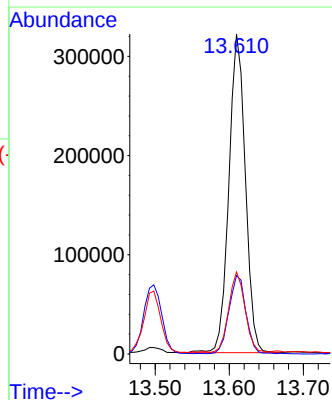
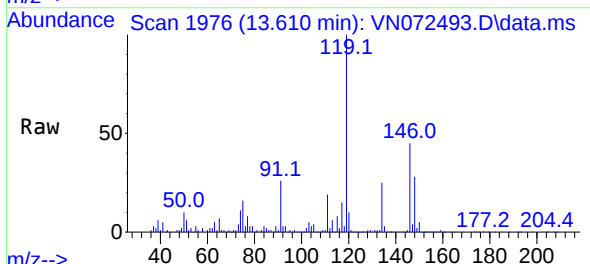
Manual Integrations
 APPROVED

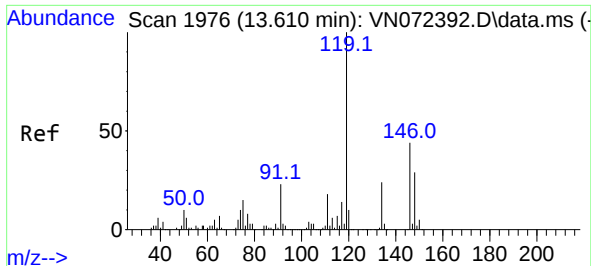
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#86
 p-Isopropyltoluene
 Concen: 55.636 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072493.D
 Acq: 13 May 2022 21:39

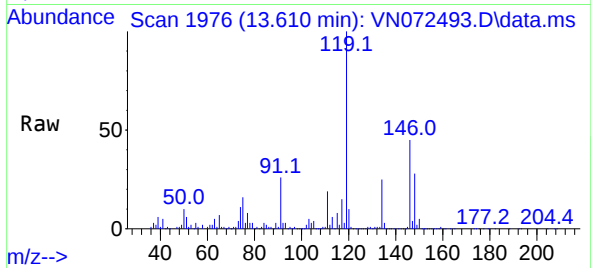
Tgt Ion:119 Resp: 495752
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 25.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.580 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

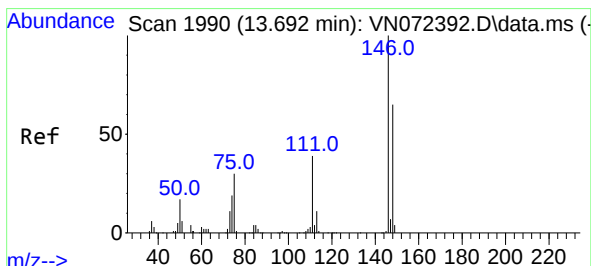
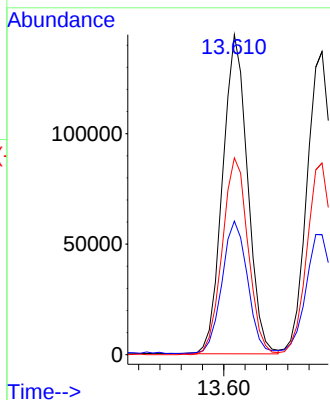
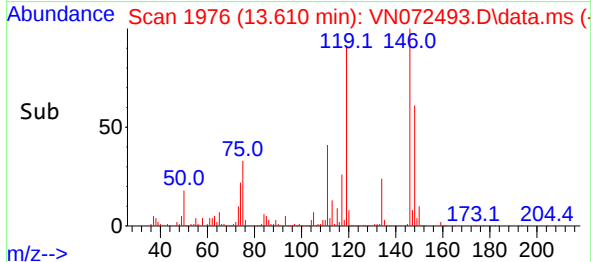
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



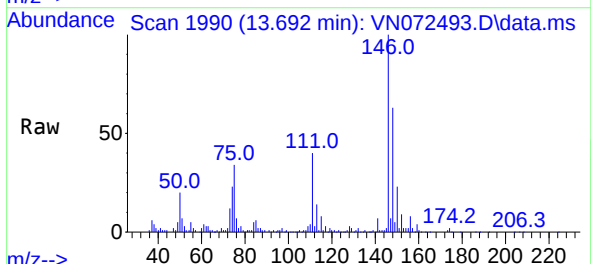
Tgt Ion:146 Resp: 23485
Ion Ratio Lower Upper
146 100
111 42.4 20.0 60.0
148 63.8 32.0 96.0

Manual Integrations
APPROVED

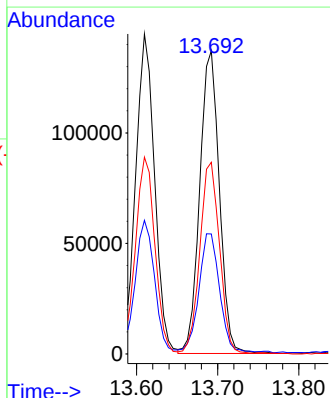
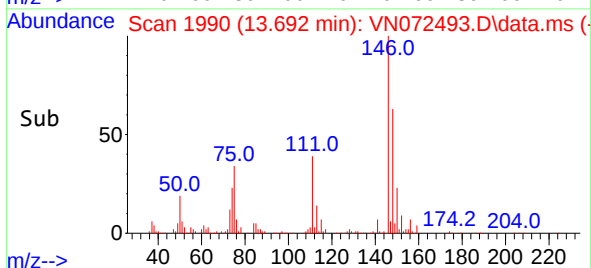
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

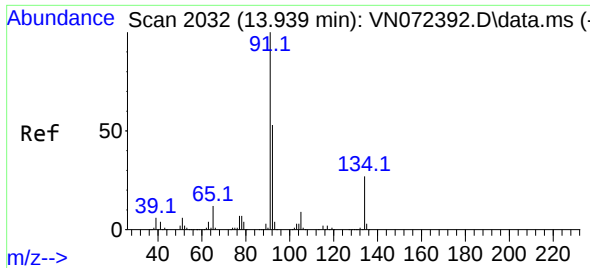


#88
1,4-Dichlorobenzene
Concen: 46.832 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



Tgt Ion:146 Resp: 229970
Ion Ratio Lower Upper
146 100
111 40.6 19.1 57.1
148 63.2 31.4 94.3





#89
n-Butylbenzene
Concen: 56.094 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

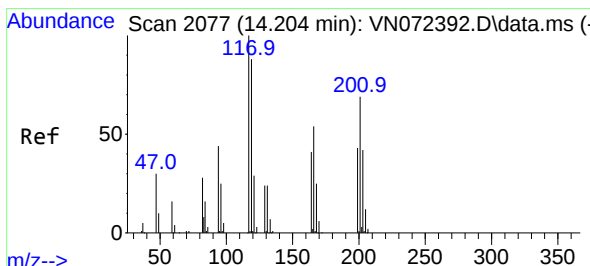
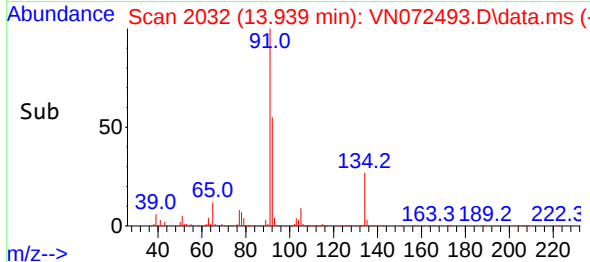
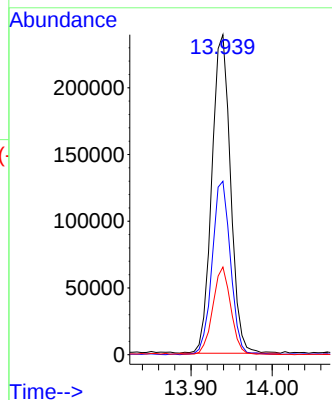
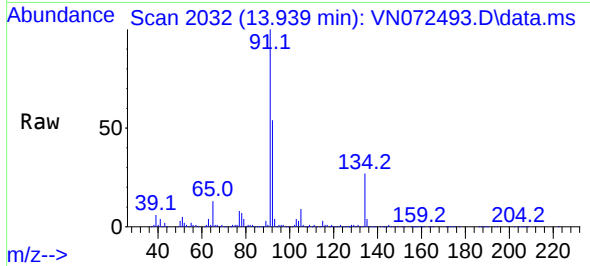
VSTDCCC050EC

Tgt Ion: 91 Resp: 38207
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 26.8 13.6 40.8

Manual Integrations

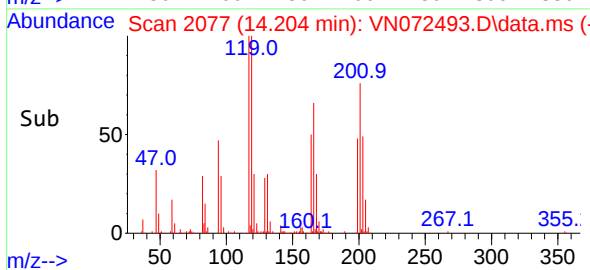
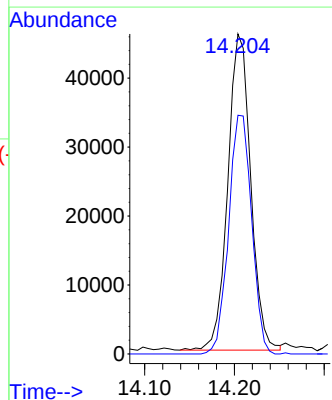
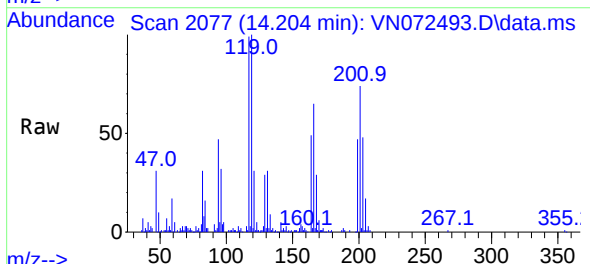
APPROVED

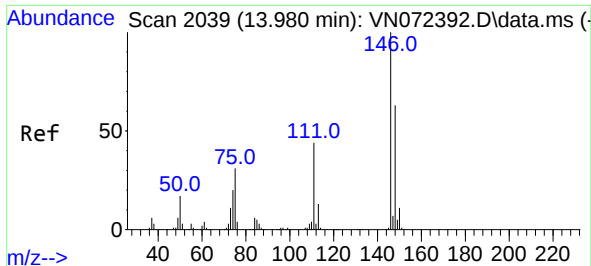
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#90
Hexachloroethane
Concen: 45.717 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

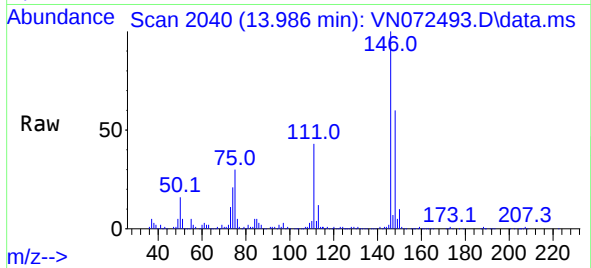
Tgt Ion:117 Resp: 81405
Ion Ratio Lower Upper
117 100
201 75.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.850 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

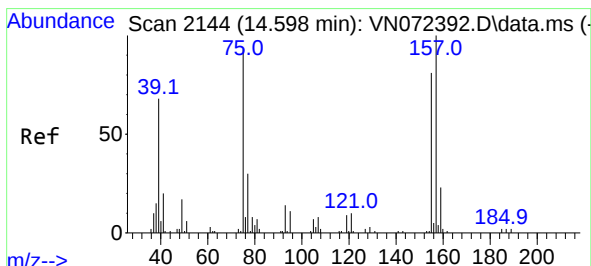
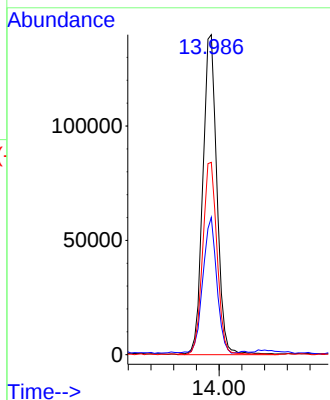
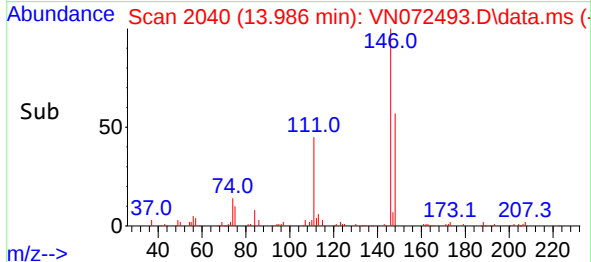
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



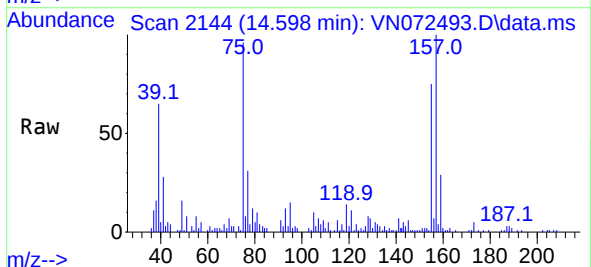
Tgt Ion:146 Resp: 240824
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.8
148 61.2 32.1 96.3

Manual Integrations
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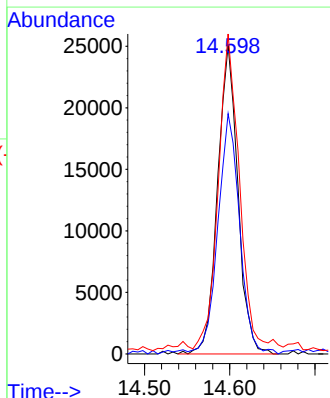
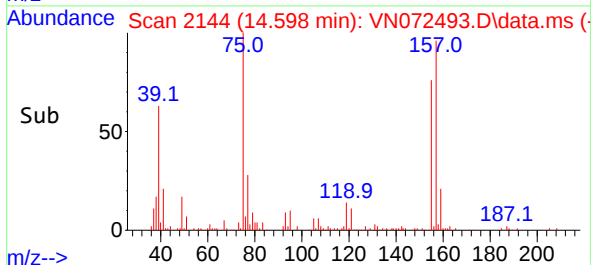
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

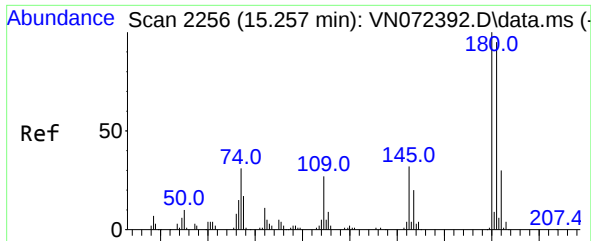


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.923 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



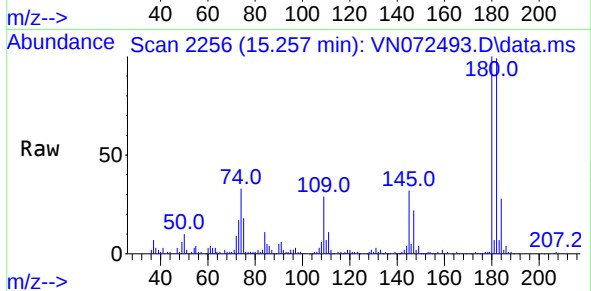
Tgt Ion: 75 Resp: 41479
Ion Ratio Lower Upper
75 100
155 84.5 44.9 134.5
157 106.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 63.649 ug/l
RT: 15.257 min Scan# 211864
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

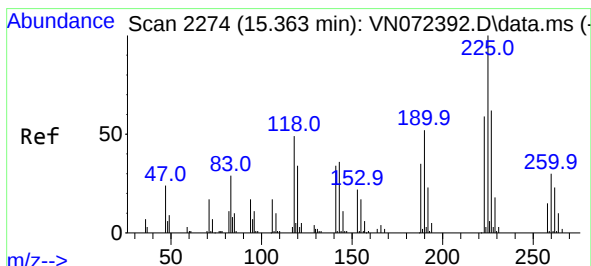
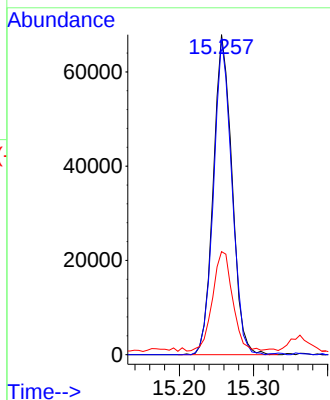
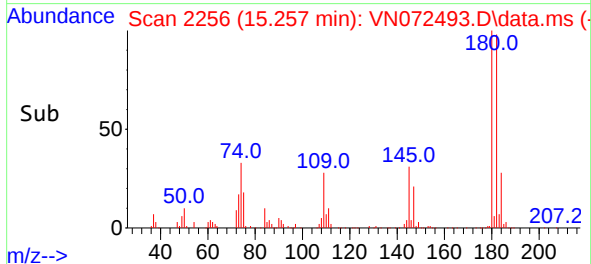
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



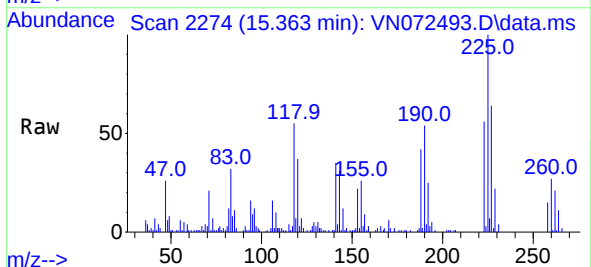
Tgt Ion:180 Resp: 118864
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 34.4 14.5 43.5

Manual Integrations
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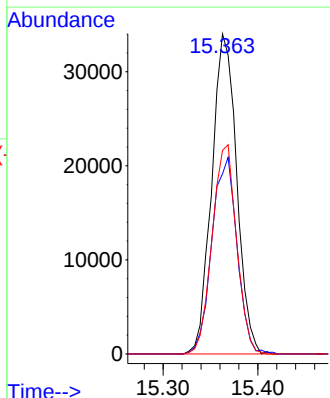
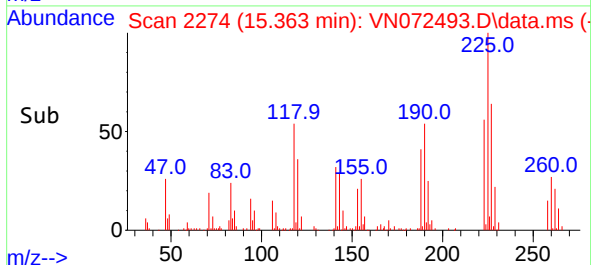
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

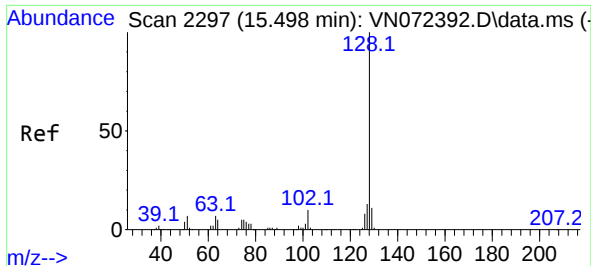


#94
Hexachlorobutadiene
Concen: 50.281 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



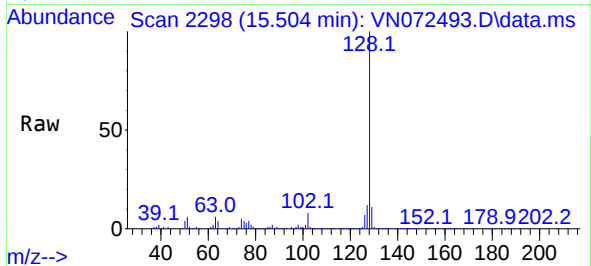
Tgt Ion:225 Resp: 62171
Ion Ratio Lower Upper
225 100
223 62.0 32.4 97.2
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 57.886 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39

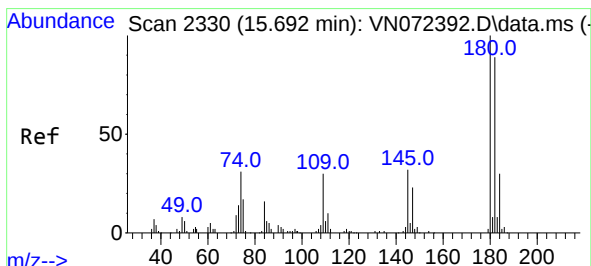
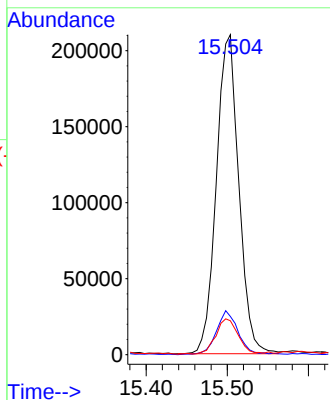
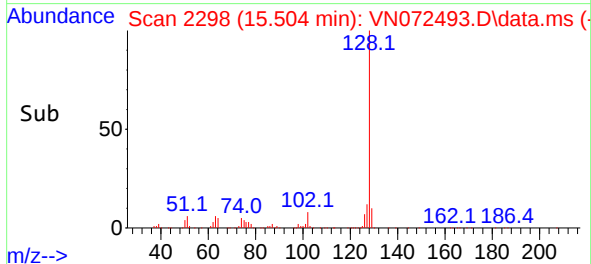
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



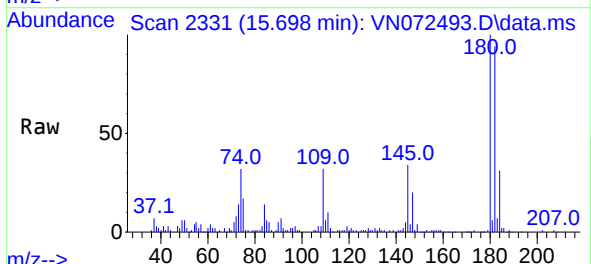
Tgt Ion:128 Resp: 40321
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 65.328 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072493.D
Acq: 13 May 2022 21:39



Tgt Ion:180 Resp: 122259
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.3
145 33.7 15.5 46.5

