

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072801.D
 Acq On : 13 Jun 2022 12:39
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 13 13:37:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 13:32:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	168045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	304216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	343314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	169743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	698554	231.225	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 462.460%#			
35) Dibromofluoromethane	8.016	113	460751	205.468	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 410.940%#			
50) Toluene-d8	10.439	98	1874636	216.665	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 433.340%#			
62) 4-Bromofluorobenzene	12.727	95	717485	246.090	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 492.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	364824	166.520	ug/l	99
3) Chloromethane	2.293	50	377016	159.595	ug/l	99
4) Vinyl Chloride	2.434	62	399221	202.849	ug/l	100
5) Bromomethane	2.804	94	172578	156.737	ug/l	97
6) Chloroethane	2.957	64	276811	212.233	ug/l	99
7) Trichlorofluoromethane	3.334	101	656696	185.528	ug/l	100
8) Diethyl Ether	3.810	74	267214	206.686	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.187	101	357345	184.696	ug/l	89
10) Methyl Iodide	4.404	142	293148	127.954	ug/l #	84
11) Tert butyl alcohol	5.375	59	738840	1399.531	ug/l	99
12) 1,1-Dichloroethene	4.163	96	323177	180.709	ug/l	85
13) Acrolein	4.034	56	165970	440.537	ug/l	98
14) Allyl chloride	4.822	41	773238	221.461	ug/l #	88
15) Acrylonitrile	5.545	53	1686693	1276.311	ug/l	99
16) Acetone	4.281	43	1549887	1291.158	ug/l	91
17) Carbon Disulfide	4.510	76	714548	159.980	ug/l	99
18) Methyl Acetate	4.840	43	817039	237.869	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	1591103	232.163	ug/l	100
20) Methylene Chloride	5.081	84	428194	189.009	ug/l #	82
21) trans-1,2-Dichloroethene	5.587	96	355311	189.225	ug/l	87
22) Diisopropyl ether	6.487	45	1691239	233.839	ug/l	95
23) Vinyl Acetate	6.422	43	7791023	1264.511	ug/l #	93
24) 1,1-Dichloroethane	6.381	63	847886	213.018	ug/l	97
25) 2-Butanone	7.328	43	2528001	1325.496	ug/l	90
26) 2,2-Dichloropropane	7.316	77	760514	223.404	ug/l	95
27) cis-1,2-Dichloroethene	7.316	96	472002	203.168	ug/l	85
28) Bromochloromethane	7.651	49	422955	238.519	ug/l #	73
29) Tetrahydrofuran	7.681	42	1564320	1281.833	ug/l	89
30) Chloroform	7.810	83	893490	218.629	ug/l	99
31) Cyclohexane	8.092	56	658233	177.566	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	787913	212.458	ug/l	96
36) 1,1-Dichloropropene	8.216	75	595239	192.881	ug/l	95
37) Ethyl Acetate	7.404	43	952524	240.183	ug/l #	94
38) Carbon Tetrachloride	8.204	117	658681	191.809	ug/l	98
39) Methylcyclohexane	9.457	83	674992	195.502	ug/l	93
40) Benzene	8.451	78	1796099	193.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	472025	235.128	ug/l #	88
42) 1,2-Dichloroethane	8.522	62	782531	205.080	ug/l	94
43) Isopropyl Acetate	8.557	43	1535218	250.297	ug/l #	92
44) Trichloroethene	9.210	130	419285	181.099	ug/l	83
45) 1,2-Dichloropropane	9.486	63	511671	212.327	ug/l	99
46) Dibromomethane	9.575	93	353540	210.062	ug/l #	81
47) Bromodichloromethane	9.757	83	753432	218.527	ug/l	98
48) Methyl methacrylate	9.557	41	761038	270.242	ug/l #	83
49) 1,4-Dioxane	9.569	88	263980	5328.046	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	5332431	1367.552	ug/l	92
52) Toluene	10.504	92	1180168	205.284	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	883890	249.467	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	867660	231.835	ug/l #	83
55) 1,1,2-Trichloroethane	10.898	97	510816	210.342	ug/l	96
56) Ethyl methacrylate	10.757	69	976461	269.739	ug/l #	78
57) 1,3-Dichloropropane	11.039	76	921363	221.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	2181038	2245.617	ug/l	91
59) 2-Hexanone	11.080	43	3972182	1422.561	ug/l	89
60) Dibromochloromethane	11.233	129	561881	218.441	ug/l	99
61) 1,2-Dibromoethane	11.339	107	532189	220.181	ug/l	100
64) Tetrachloroethene	10.975	164	351285	140.038	ug/l	90
65) Chlorobenzene	11.769	112	1300357	176.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	511202	172.980	ug/l	98
67) Ethyl Benzene	11.839	91	2488359	193.614	ug/l	97
68) m/p-Xylenes	11.951	106	1799752	375.244	ug/l	89
69) o-Xylene	12.274	106	910830	191.914	ug/l	89
70) Styrene	12.292	104	1537815	210.525	ug/l	94
71) Bromoform	12.457	173	395082	182.910	ug/l #	100
73) Isopropylbenzene	12.574	105	2442799	169.062	ug/l	98
74) N-amyl acetate	12.386	43	1267530	227.637	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.821	83	798240	148.980	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	836288m	176.706	ug/l	
77) Bromobenzene	12.857	156	486201	144.546	ug/l	67
78) n-propylbenzene	12.916	91	2900142	186.367	ug/l	95
79) 2-Chlorotoluene	13.004	91	1724304	169.484	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	1997764	170.010	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	306157	210.621	ug/l	90
82) 4-Chlorotoluene	13.104	91	1655631	172.325	ug/l	94
83) tert-Butylbenzene	13.321	119	1753312	170.117	ug/l	88
84) 1,2,4-Trimethylbenzene	13.363	105	1962283	170.776	ug/l	94
85) sec-Butylbenzene	13.498	105	2491336	179.895	ug/l	97
86) p-Isopropyltoluene	13.610	119	2007511	186.817	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	868384	149.366	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	839197	144.538	ug/l	95
89) n-Butylbenzene	13.939	91	1808607	215.427	ug/l	97
90) Hexachloroethane	14.210	117	411425	187.257	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	834053	143.628	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	216185	224.817	ug/l	71
93) 1,2,4-Trichlorobenzene	15.262	180	454217	202.508	ug/l	97
94) Hexachlorobutadiene	15.368	225	184284	129.195	ug/l	100
95) Naphthalene	15.504	128	1850900	266.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	460726	203.282	ug/l	96

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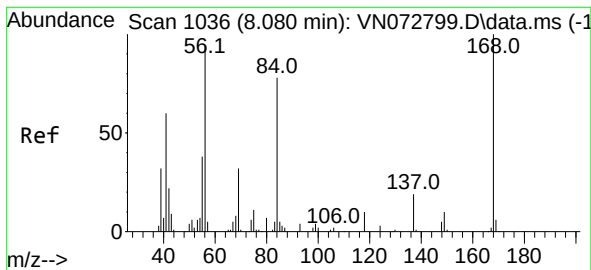
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



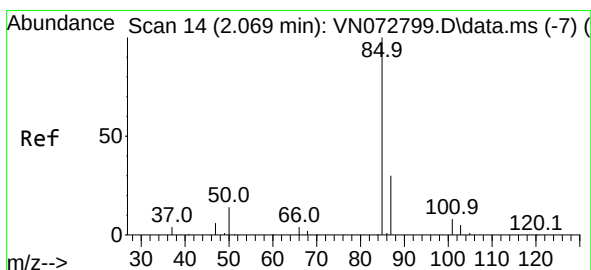
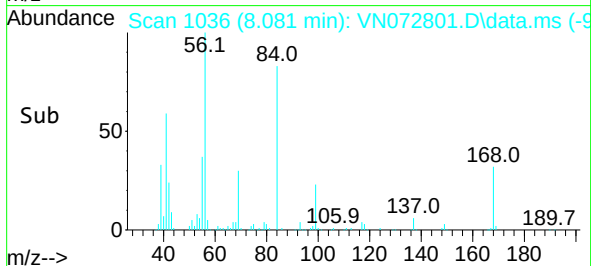
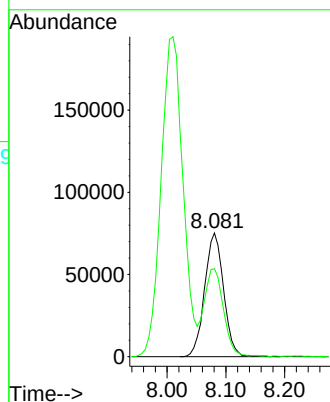
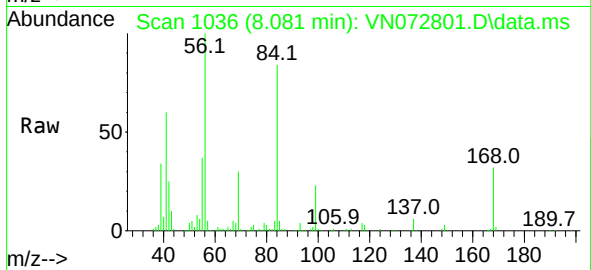
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VN072801.D
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MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 168045
Ion Ratio Lower Upper
168 100
99 70.9 42.3 63.5

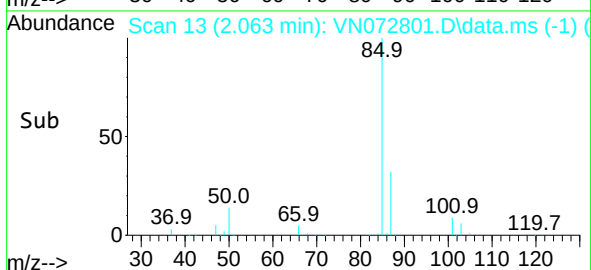
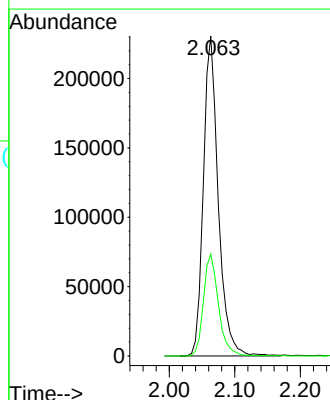
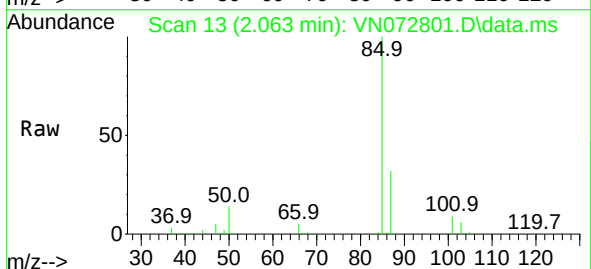
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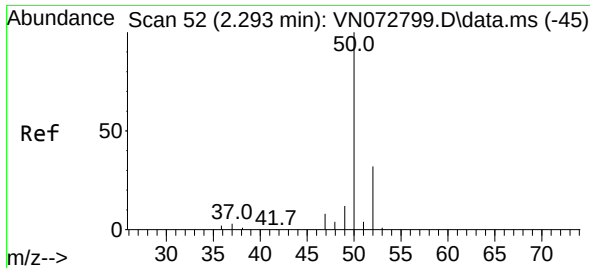
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#2
Dichlorodifluoromethane
Concen: 166.520 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion: 85 Resp: 364824
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





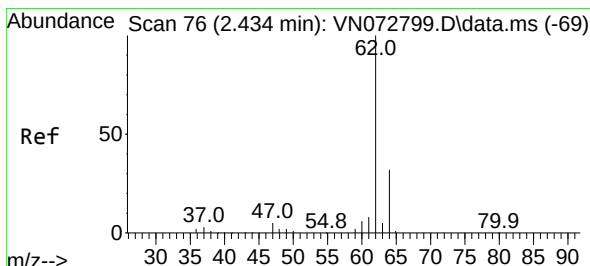
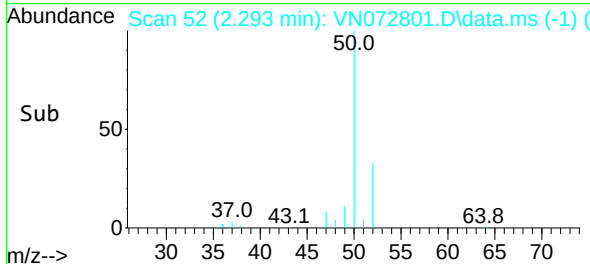
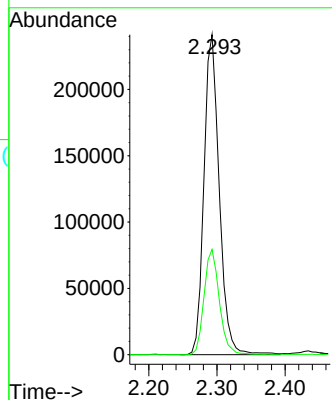
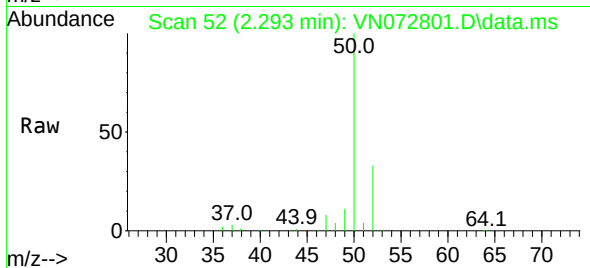
#3
Chloromethane
Concen: 159.595 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

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Tgt Ion: 50 Resp: 377010
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

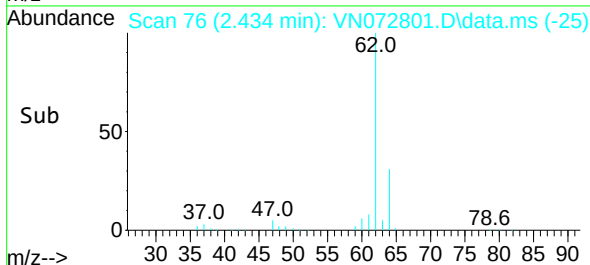
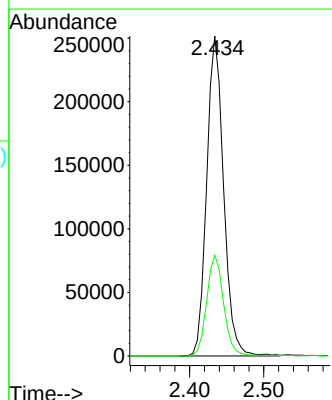
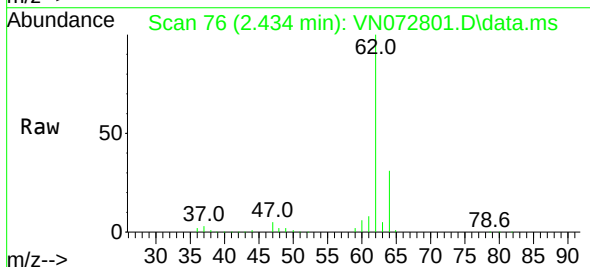
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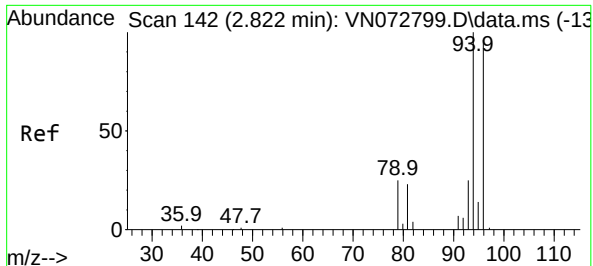
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#4
Vinyl Chloride
Concen: 202.849 ug/l
RT: 2.434 min Scan# 76
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

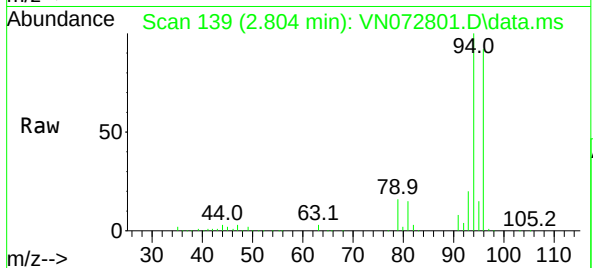
Tgt Ion: 62 Resp: 399221
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.4





#5
Bromomethane
Concen: 156.737 ug/l
RT: 2.804 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN072801.D
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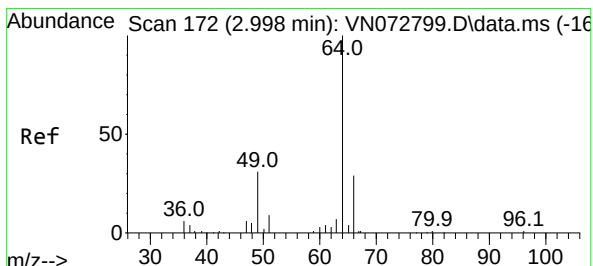
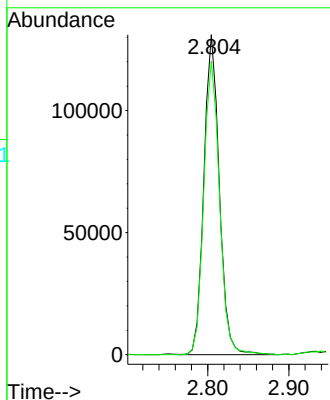
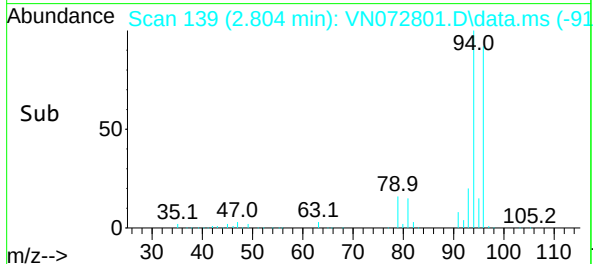
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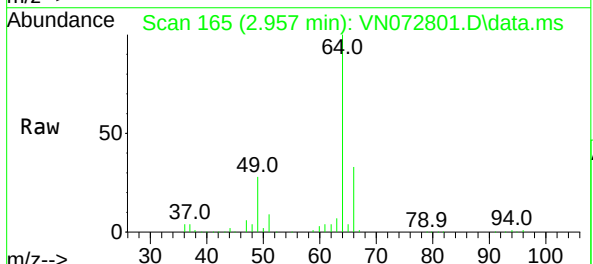
Tgt Ion: 94 Resp: 172578
Ion Ratio Lower Upper
94 100
96 91.6 76.0 114.0

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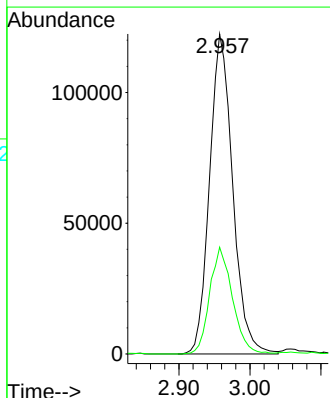
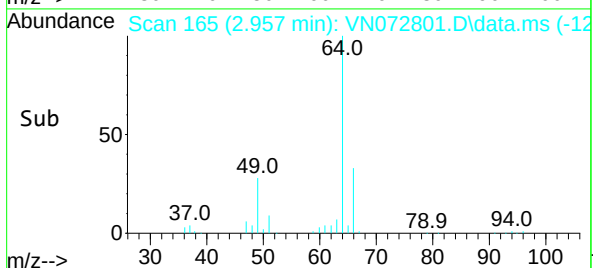
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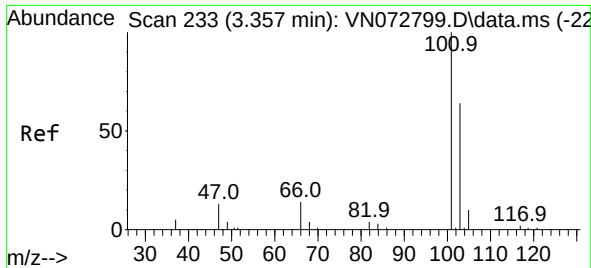


#6
Chloroethane
Concen: 212.233 ug/l
RT: 2.957 min Scan# 165
Delta R.T. -0.041 min
Lab File: VN072801.D
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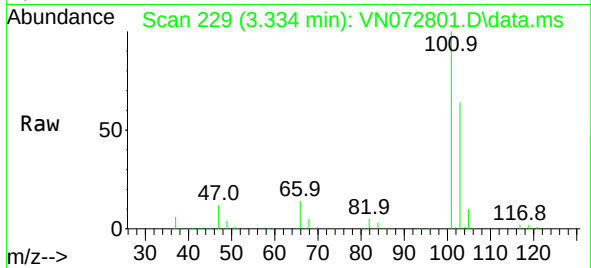
Tgt Ion: 64 Resp: 276811
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 185.528 ug/l
 RT: 3.334 min Scan# 210
 Delta R.T. -0.023 min
 Lab File: VN072801.D
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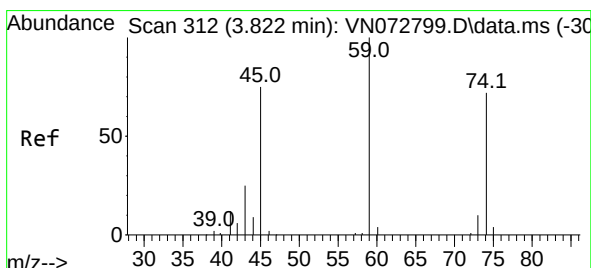
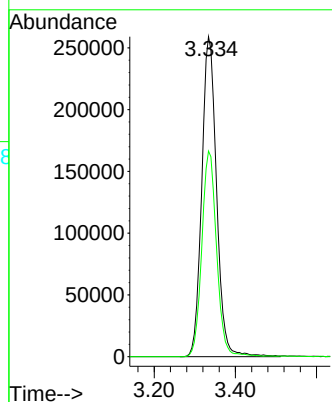
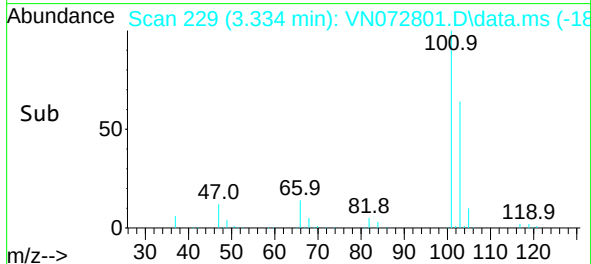
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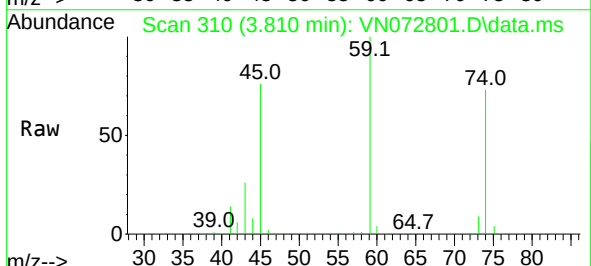
Tgt Ion:101 Resp: 656690
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3

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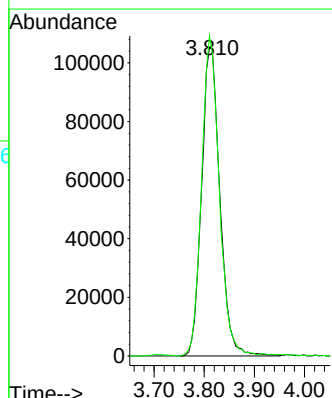
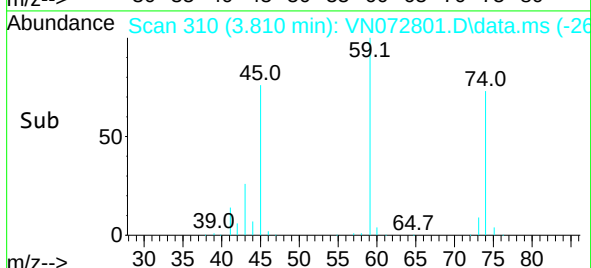
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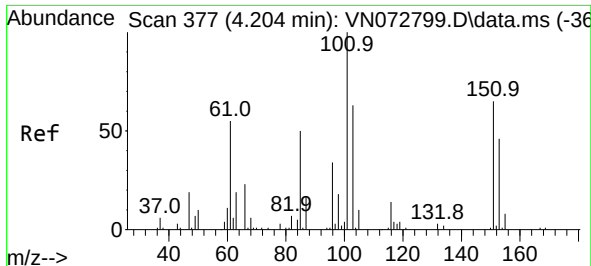


#8
 Diethyl Ether
 Concen: 206.686 ug/l
 RT: 3.810 min Scan# 310
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 267214
 Ion Ratio Lower Upper
 74 100
 45 100.3 42.9 128.5





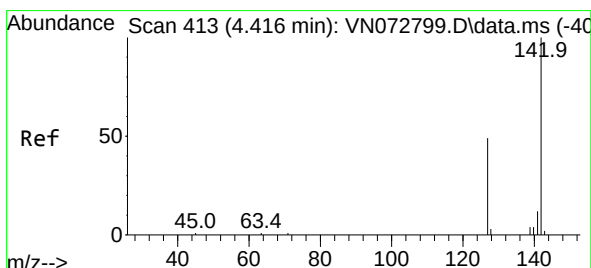
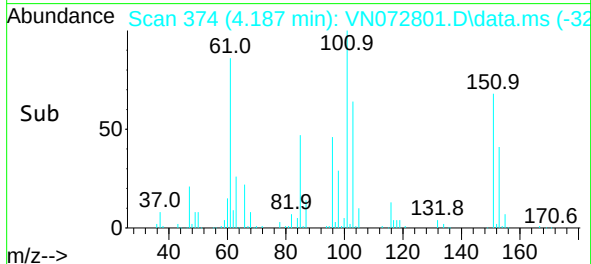
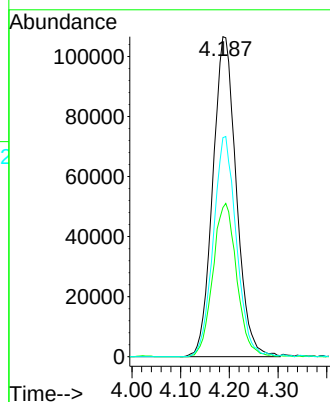
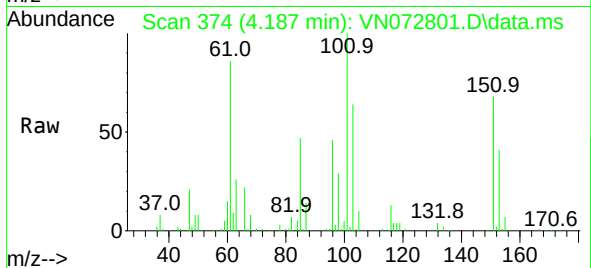
#9
1,1,2-Trichlorotrifluoroethane
Concen: 184.696 ug/l
RT: 4.187 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 35734
Ion Ratio Lower Upper
101 100
85 48.5 34.7 52.1
151 67.7 63.0 94.4

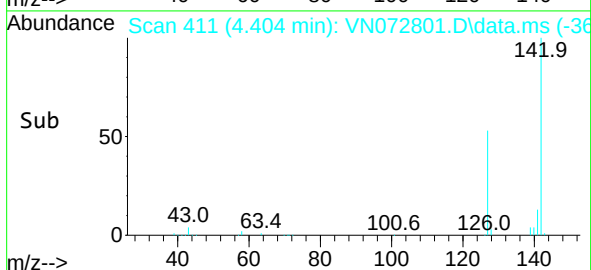
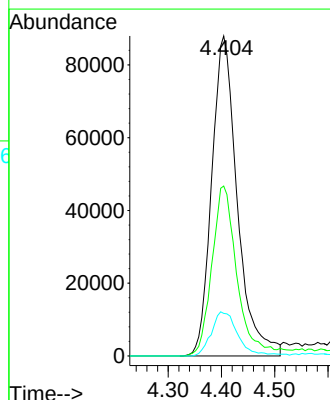
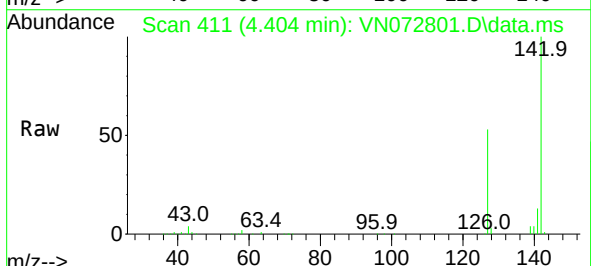
Manual Integrations
APPROVED

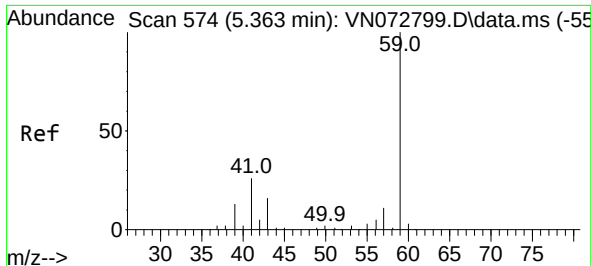
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#10
Methyl Iodide
Concen: 127.954 ug/l
RT: 4.404 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion:142 Resp: 293148
Ion Ratio Lower Upper
142 100
127 51.9 31.3 46.9#
141 14.4 11.2 16.8





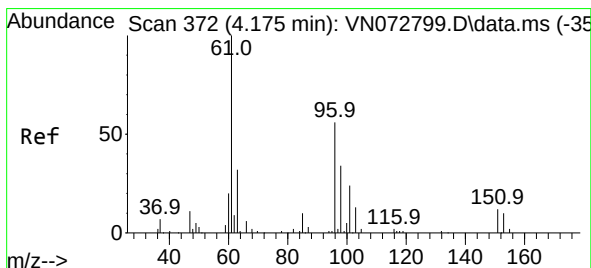
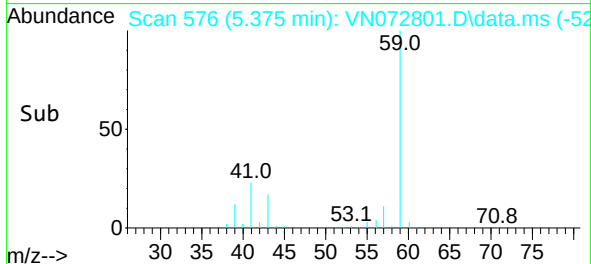
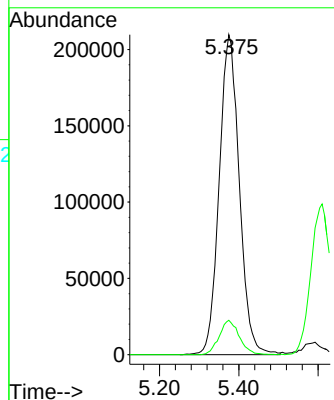
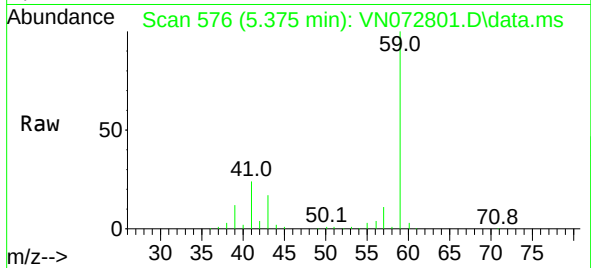
#11
Tert butyl alcohol
Concen: 1399.531 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 738840
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

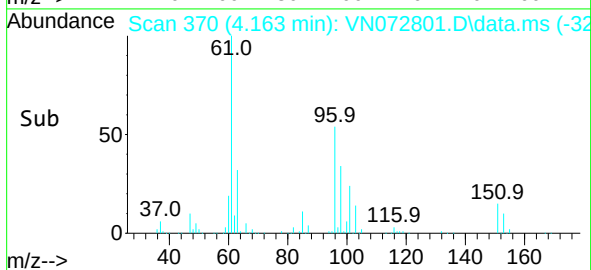
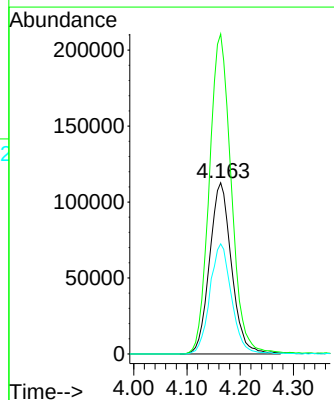
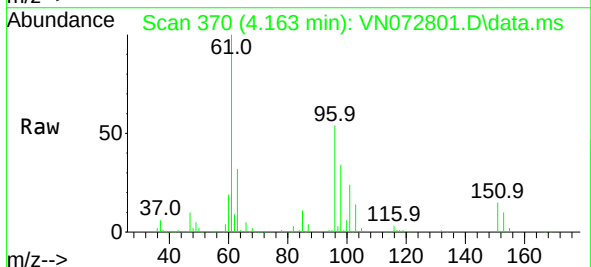
Manual Integrations
APPROVED

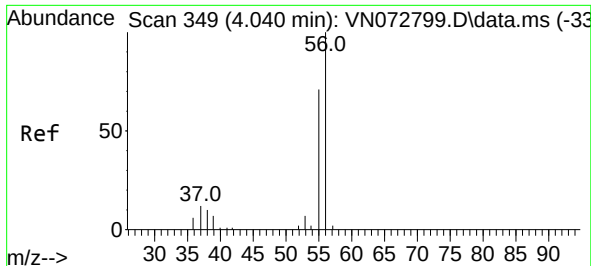
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#12
1,1-Dichloroethene
Concen: 180.709 ug/l
RT: 4.163 min Scan# 370
Delta R.T. -0.012 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

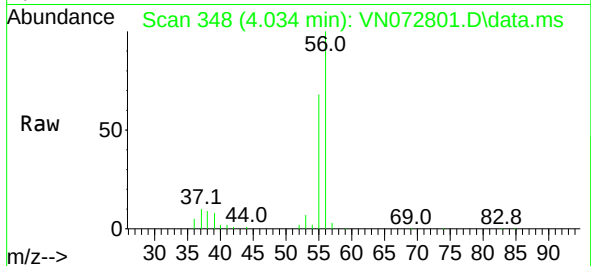
Tgt Ion: 96 Resp: 323177
Ion Ratio Lower Upper
96 100
61 186.8 127.6 191.4
98 64.2 51.2 76.8





#13
Acrolein
Concen: 440.537 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

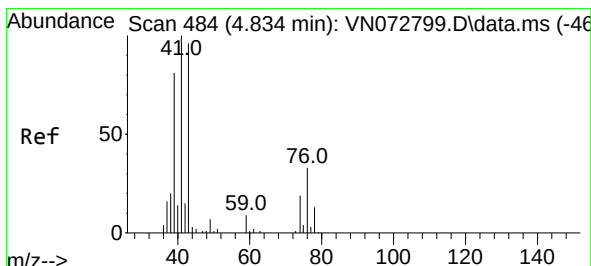
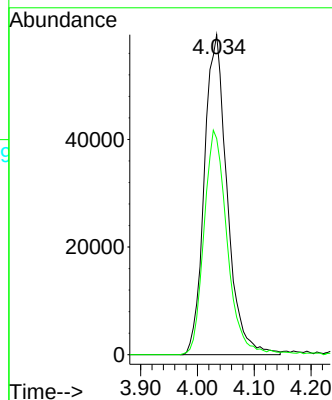
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 165970
Ion Ratio Lower Upper
56 100
55 70.5 54.8 82.2

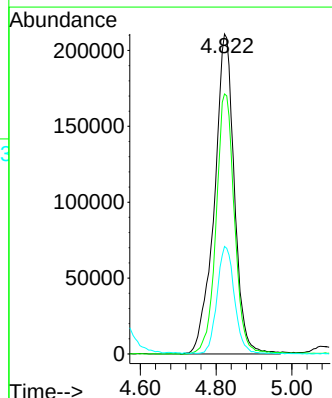
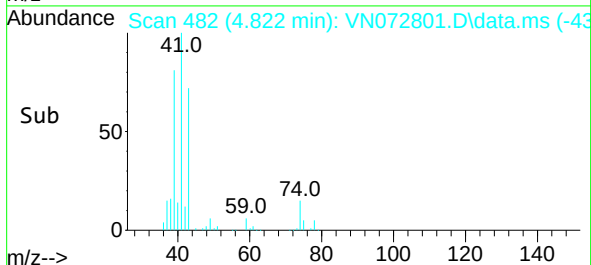
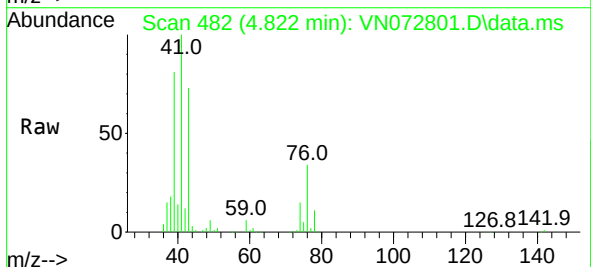
Manual Integrations
APPROVED

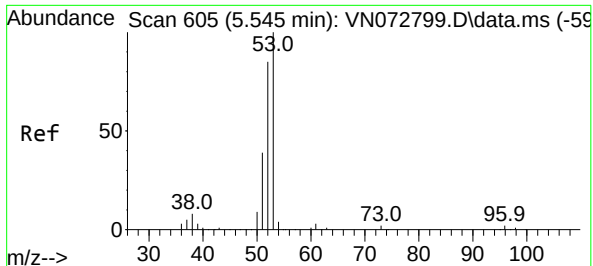
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#14
Allyl chloride
Concen: 221.461 ug/l
RT: 4.822 min Scan# 482
Delta R.T. -0.012 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

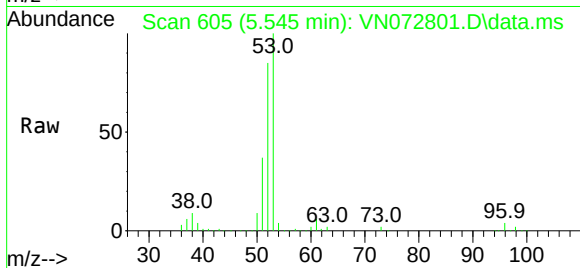
Tgt Ion: 41 Resp: 773238
Ion Ratio Lower Upper
41 100
39 74.6 53.2 79.8
76 28.8 29.9 44.9





#15
Acrylonitrile
Concen: 1276.311 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

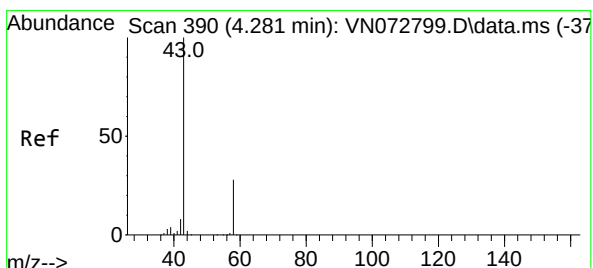
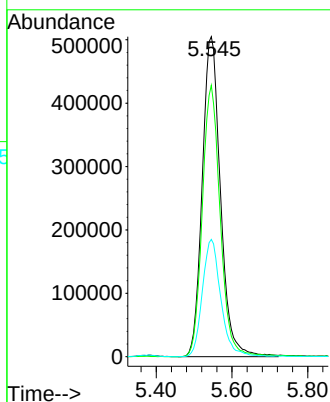
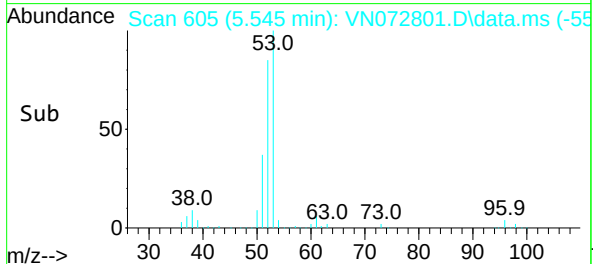
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



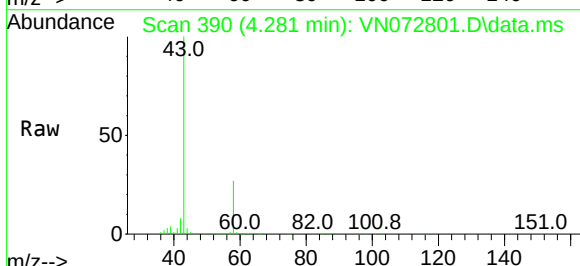
Tgt Ion: 53 Resp: 168669
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 37.1 28.5 42.7

Manual Integrations
APPROVED

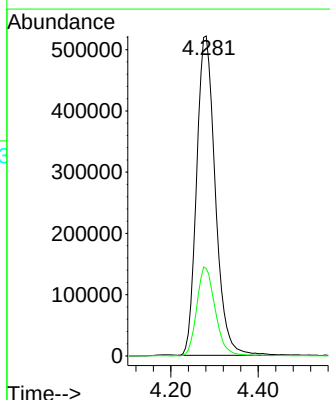
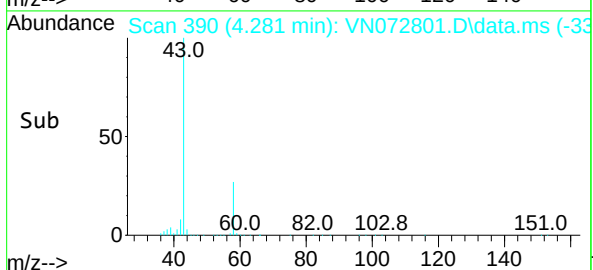
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

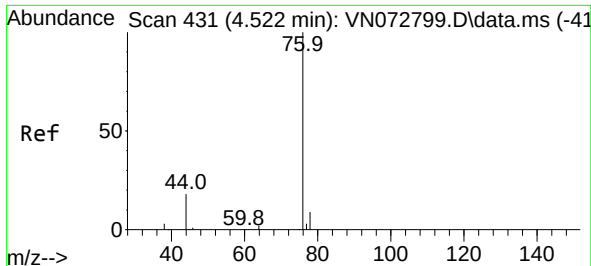


#16
Acetone
Concen: 1291.158 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion: 43 Resp: 1549887
Ion Ratio Lower Upper
43 100
58 27.3 26.0 39.0





#17

Carbon Disulfide

Concen: 159.980 ug/l

RT: 4.510 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 71454

Ion Ratio Lower Upper

76 100

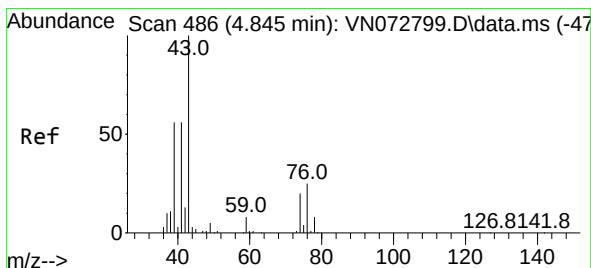
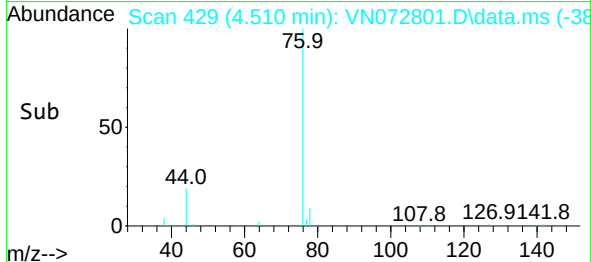
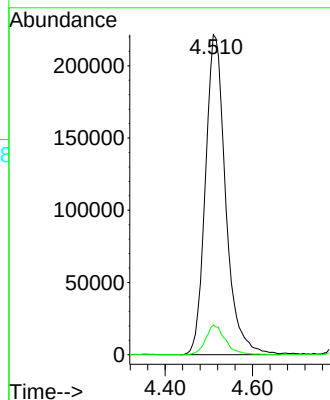
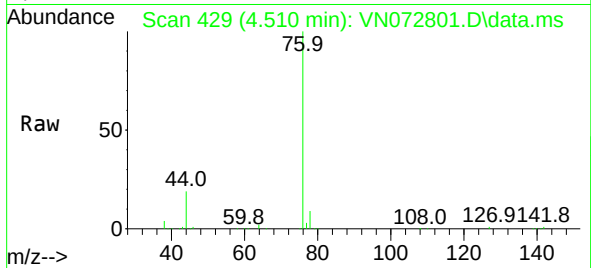
78 9.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#18

Methyl Acetate

Concen: 237.869 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.006 min

Lab File: VN072801.D

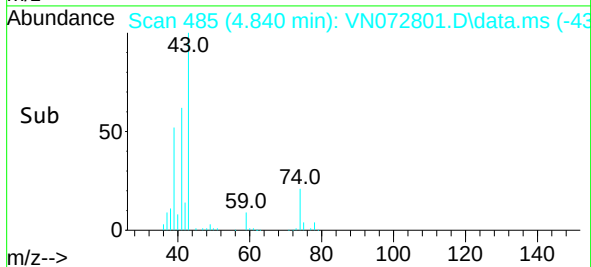
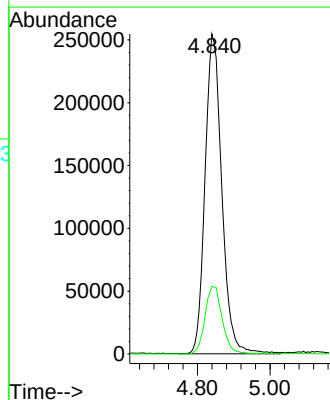
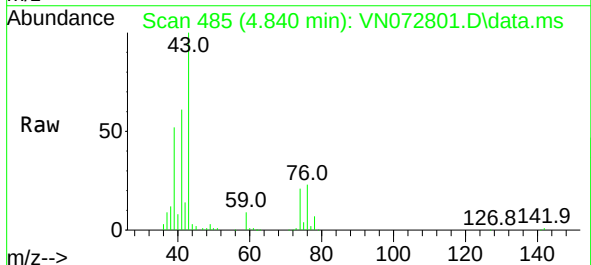
Acq: 13 Jun 2022 12:39

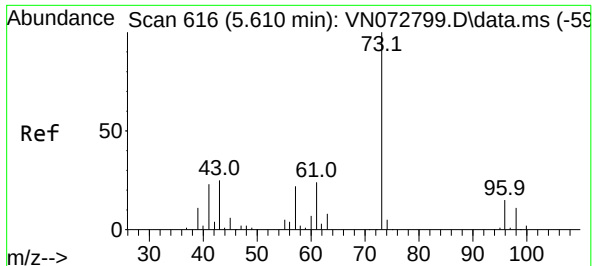
Tgt Ion: 43 Resp: 817039

Ion Ratio Lower Upper

43 100

74 21.7 21.6 32.4





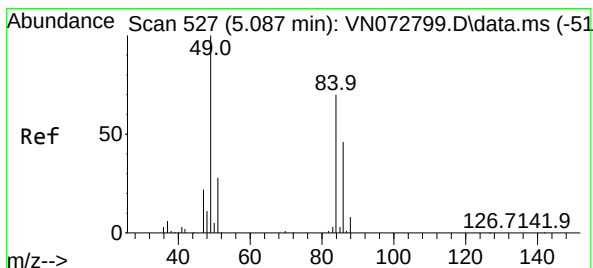
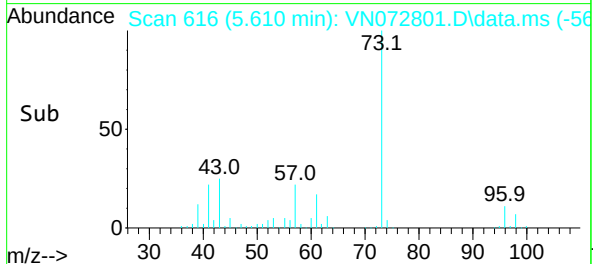
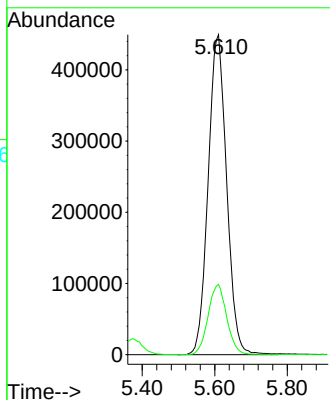
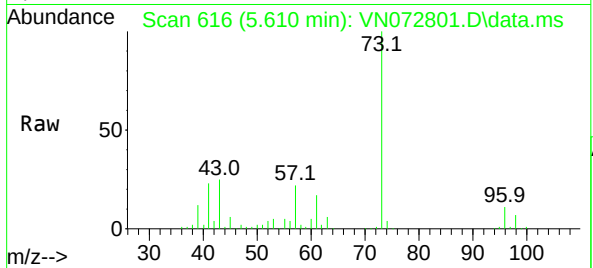
#19
Methyl tert-butyl Ether
Concen: 232.163 ug/l
RT: 5.610 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 159110
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

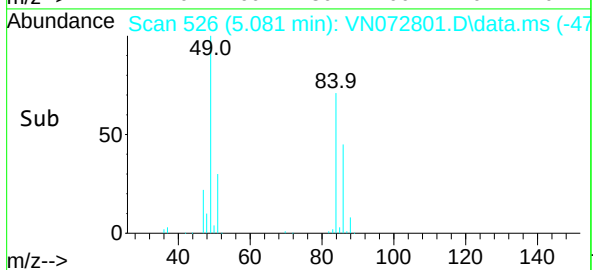
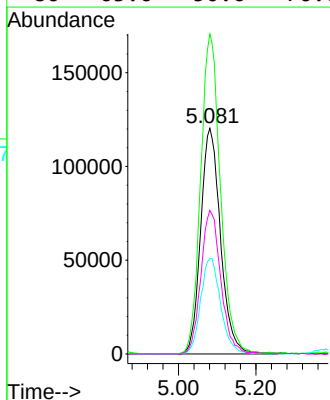
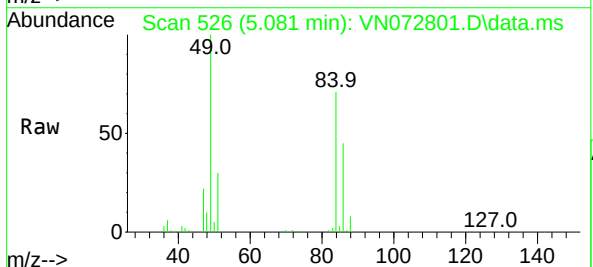
Manual Integrations
APPROVED

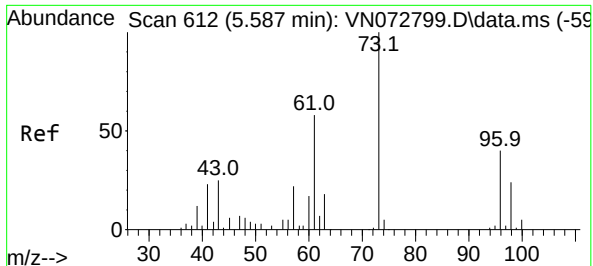
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#20
Methylene Chloride
Concen: 189.009 ug/l
RT: 5.081 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

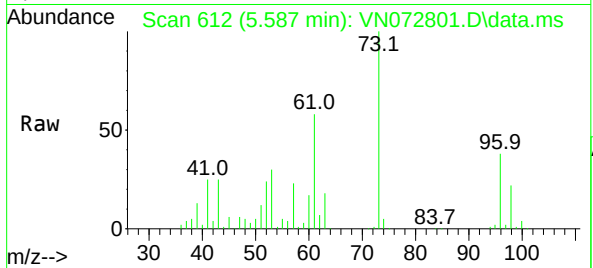
Tgt Ion: 84 Resp: 428194
Ion Ratio Lower Upper
84 100
49 141.6 88.3 132.5#
51 42.3 28.2 42.2#
86 63.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 189.225 ug/l
RT: 5.587 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

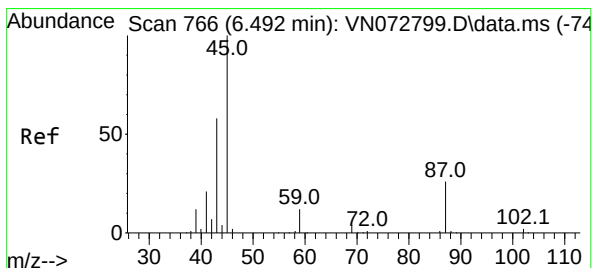
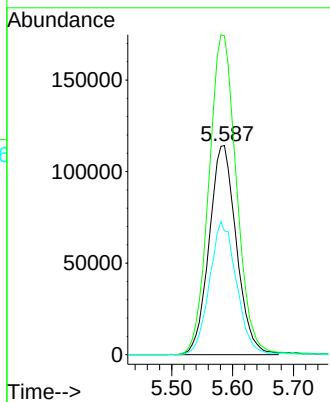
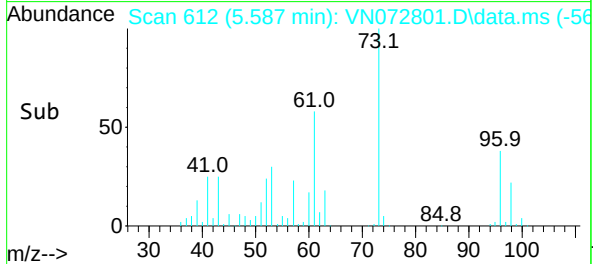
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150



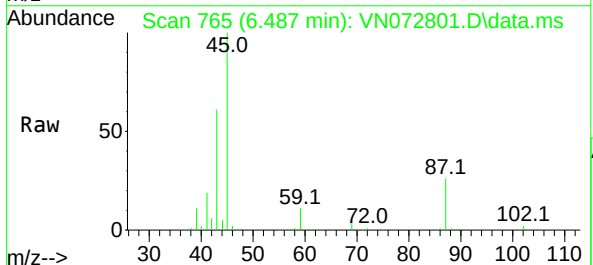
Tgt Ion: 96 Resp: 35531
Ion Ratio Lower Upper
96 100
61 152.2 105.8 158.8
98 59.1 50.3 75.5

Manual Integrations
APPROVED

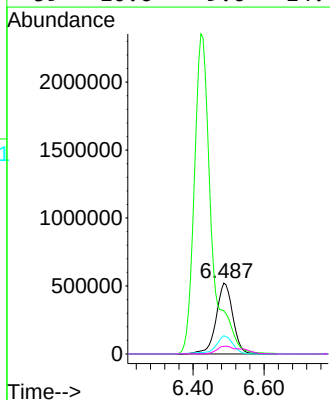
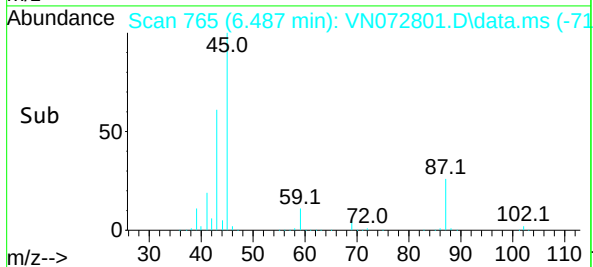
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

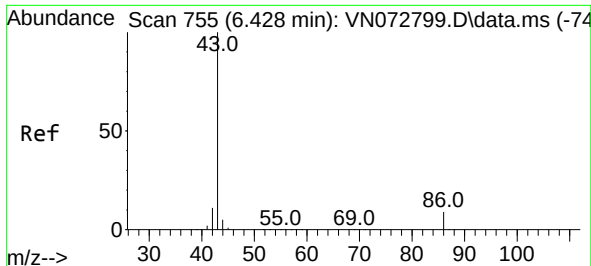


#22
Diisopropyl ether
Concen: 233.839 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion: 45 Resp: 1691239
Ion Ratio Lower Upper
45 100
43 60.4 46.6 70.0
87 25.7 24.3 36.5
59 10.6 9.6 14.4





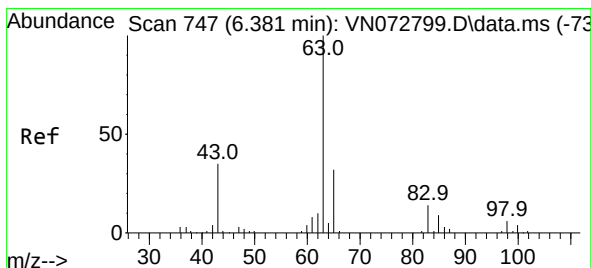
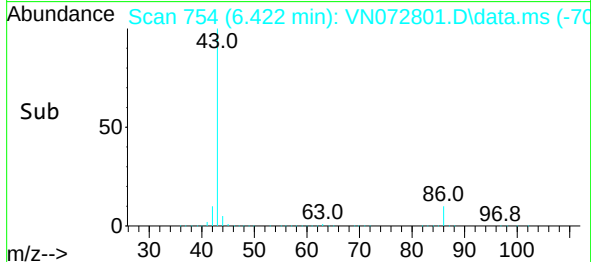
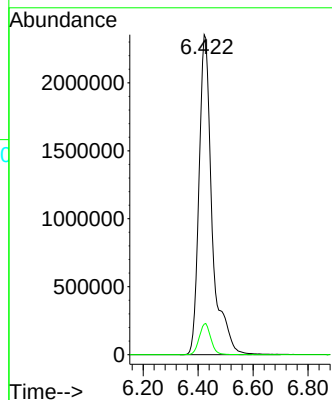
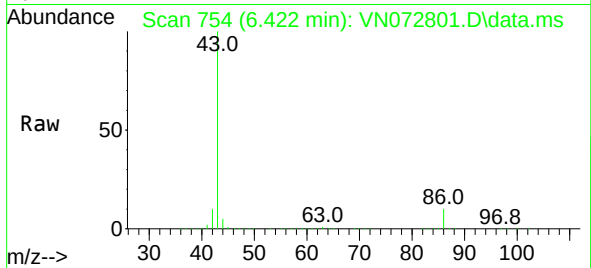
#23
 Vinyl Acetate
 Concen: 1264.511 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: VN072801.D
 Acq: 13 Jun 2022 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 7791023
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.0 15.0

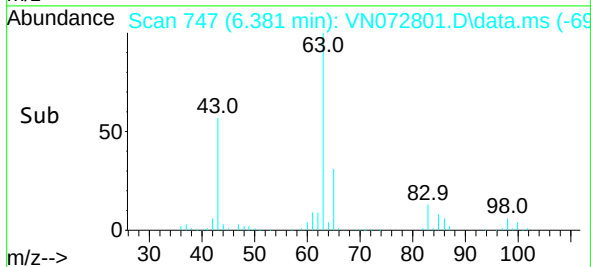
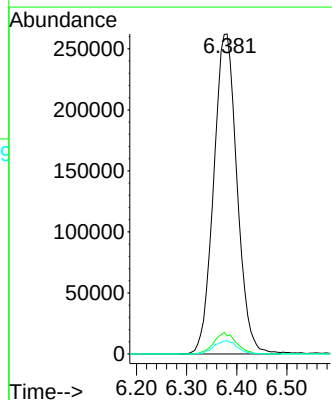
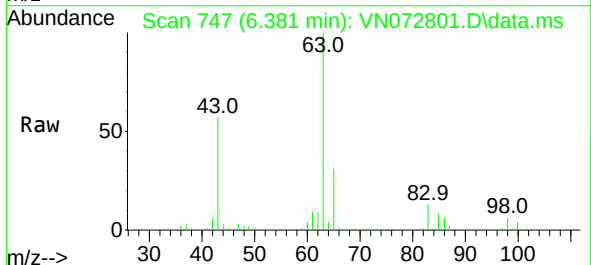
Manual Integrations
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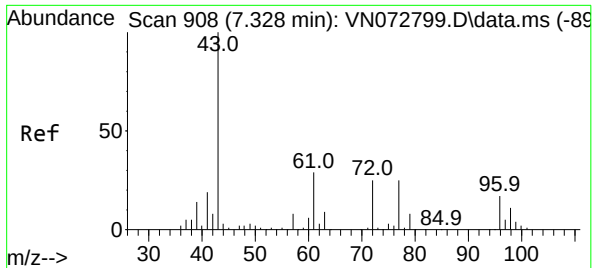
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022



#24
 1,1-Dichloroethane
 Concen: 213.018 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN072801.D
 Acq: 13 Jun 2022 12:39

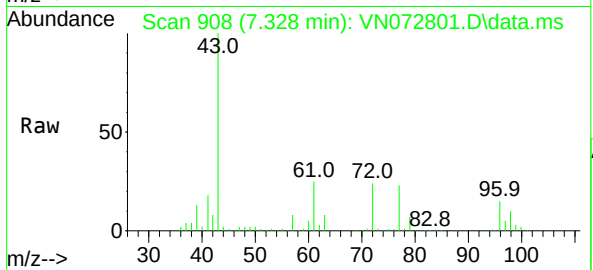
Tgt Ion: 63 Resp: 847886
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.5 10.4
 100 4.2 2.3 6.8





#25
2-Butanone
Concen: 1325.496 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

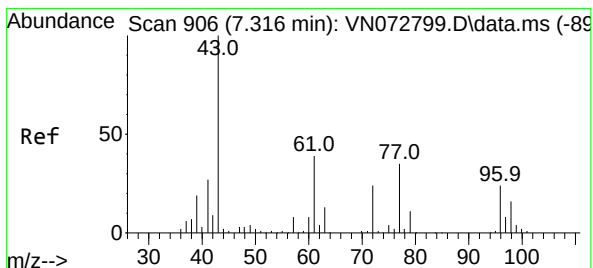
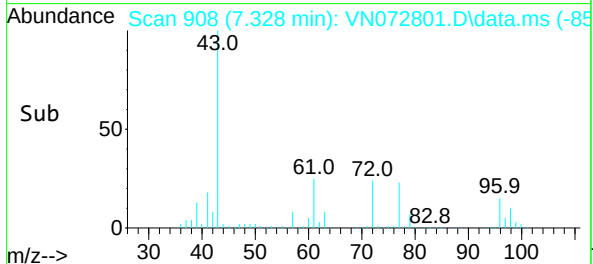
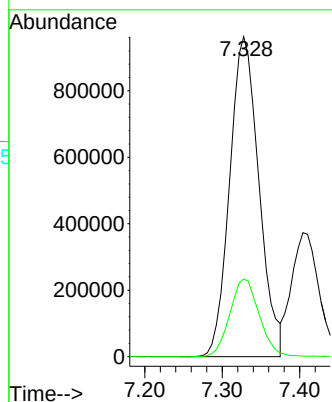
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 252800
Ion Ratio Lower Upper
43 100
72 24.2 23.7 35.5

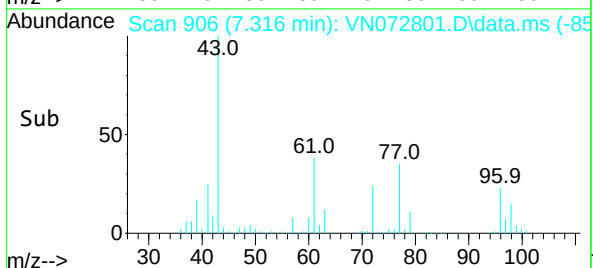
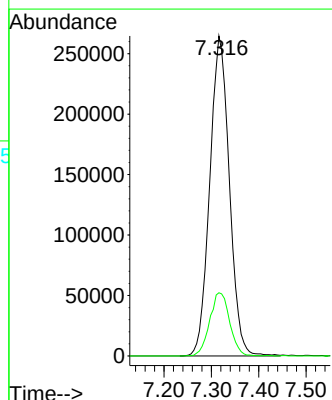
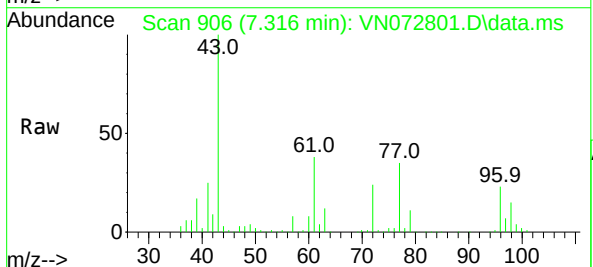
Manual Integrations
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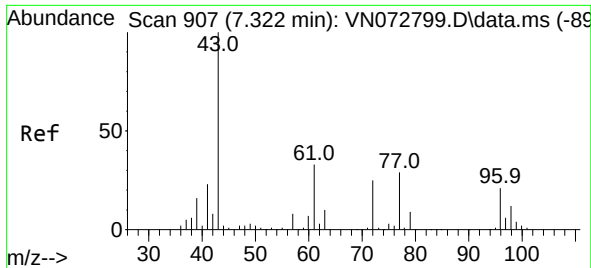
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#26
2,2-Dichloropropane
Concen: 223.404 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

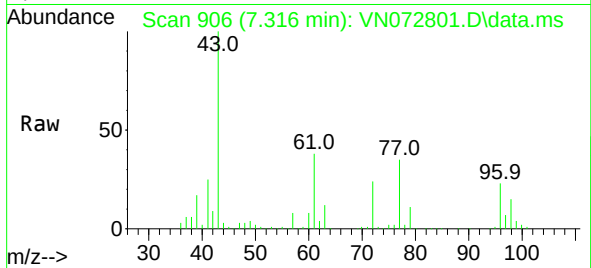
Tgt Ion: 77 Resp: 760514
Ion Ratio Lower Upper
77 100
97 20.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 203.168 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN072801.D
 Acq: 13 Jun 2022 12:39

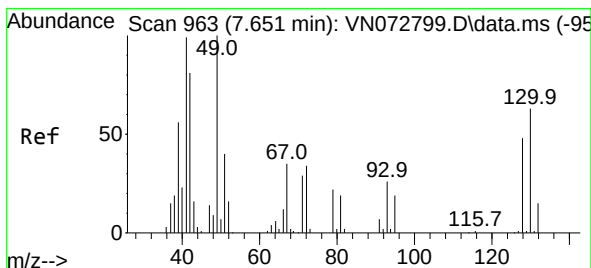
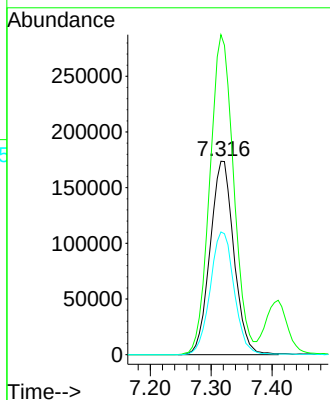
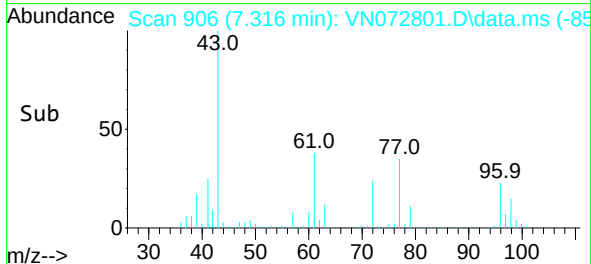
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 472002
 Ion Ratio Lower Upper
 96 100
 61 166.4 0.0 280.6
 98 64.1 0.0 128.4

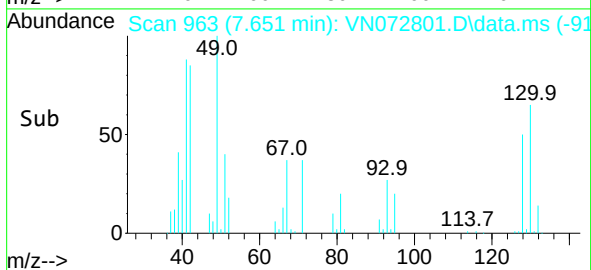
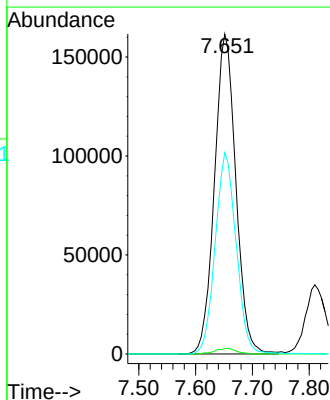
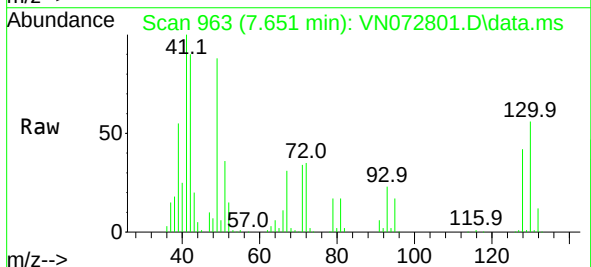
Manual Integrations
 APPROVED

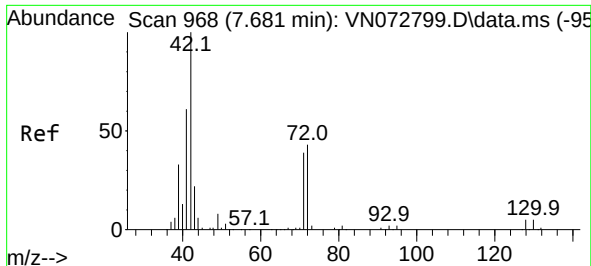
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022



#28
 Bromochloromethane
 Concen: 238.519 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072801.D
 Acq: 13 Jun 2022 12:39

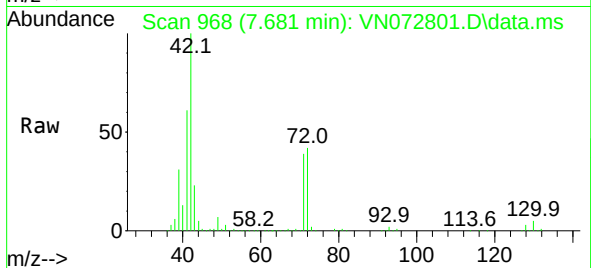
Tgt Ion: 49 Resp: 422955
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 61.7 69.7 104.5#





#29
Tetrahydrofuran
Concen: 1281.833 ug/l
RT: 7.681 min Scan# 901
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

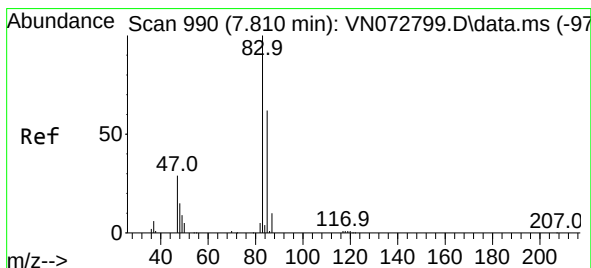
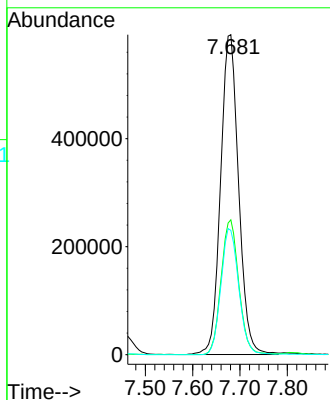
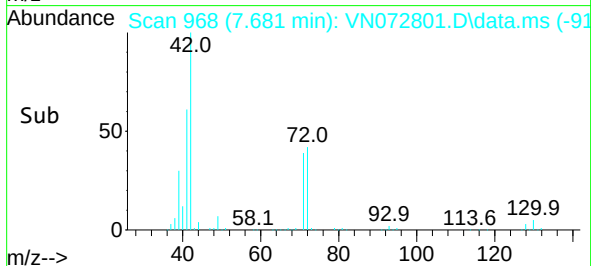
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



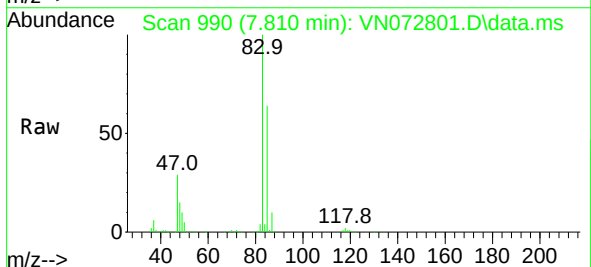
Tgt Ion: 42 Resp: 1564320
Ion Ratio Lower Upper
42 100
72 41.4 39.7 59.5
71 39.1 36.6 55.0

Manual Integrations
APPROVED

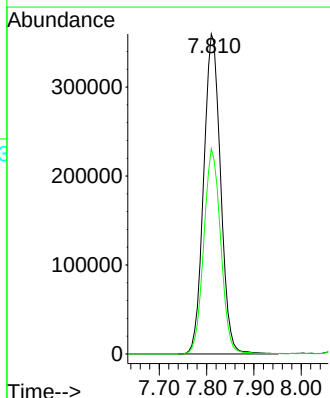
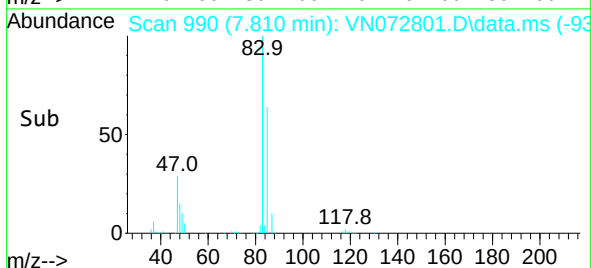
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

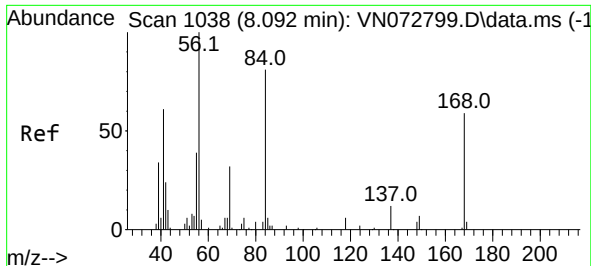


#30
Chloroform
Concen: 218.629 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



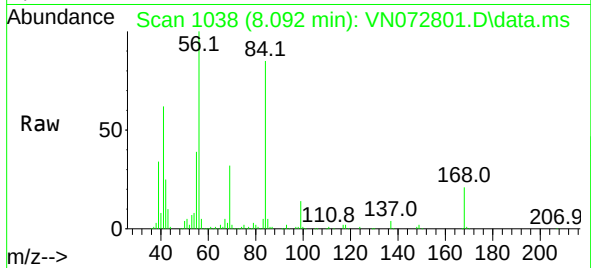
Tgt Ion: 83 Resp: 893490
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.8





#31
Cyclohexane
Concen: 177.566 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

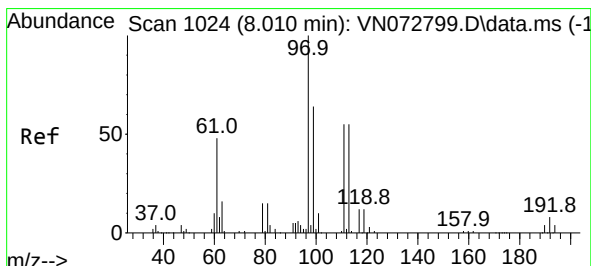
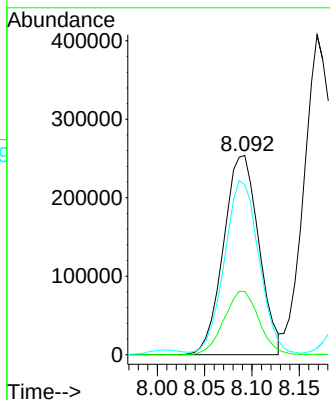
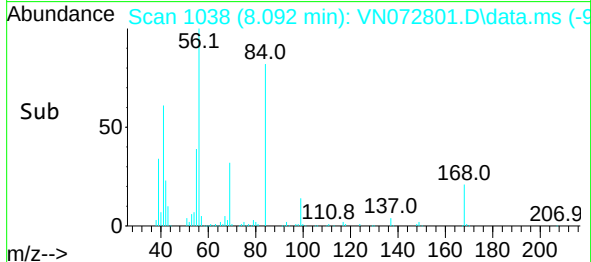
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



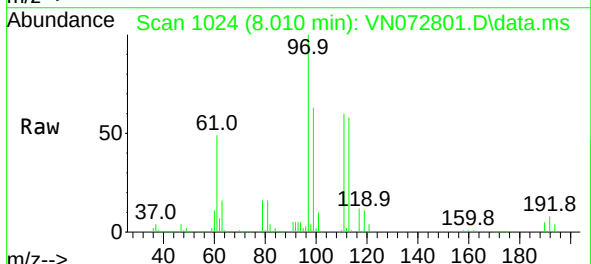
Tgt Ion: 56 Resp: 65823
Ion Ratio Lower Upper
56 100
69 31.7 27.8 41.8
84 83.6 76.9 115.3

Manual Integrations
APPROVED

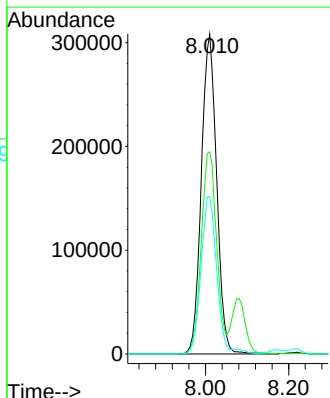
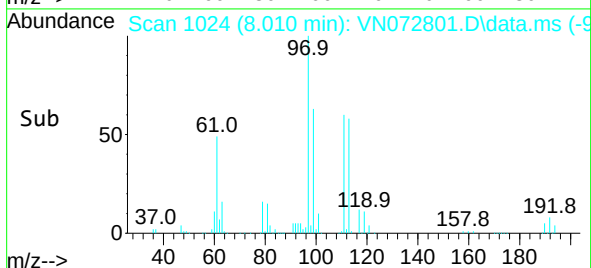
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

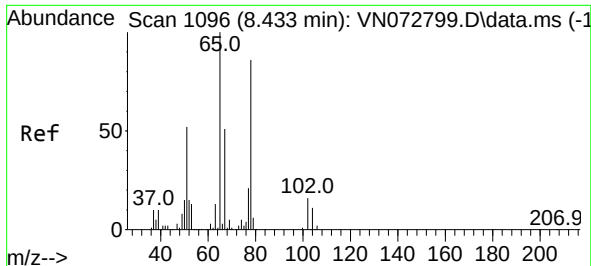


#32
1,1,1-Trichloroethane
Concen: 212.458 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion: 97 Resp: 787913
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 49.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 231.225 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 698554

Ion Ratio Lower Upper

65 100

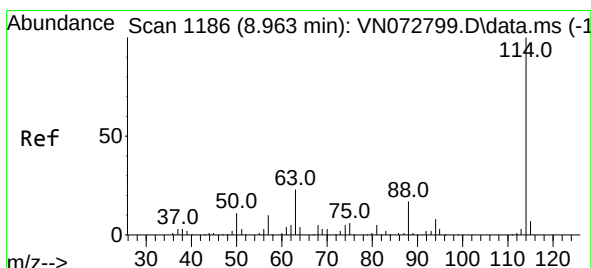
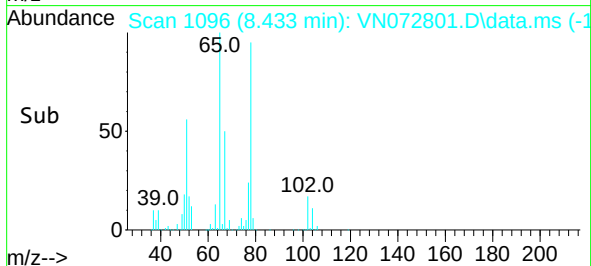
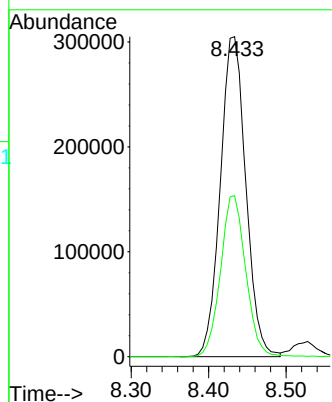
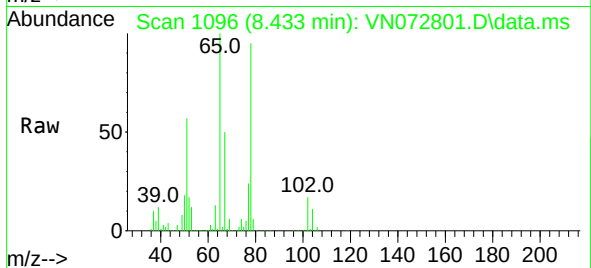
67 49.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

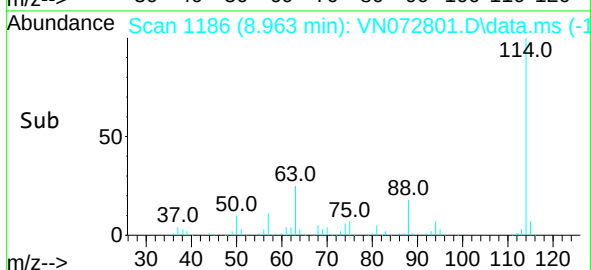
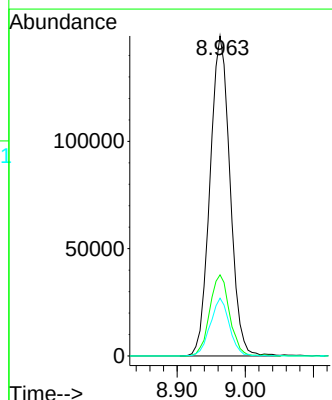
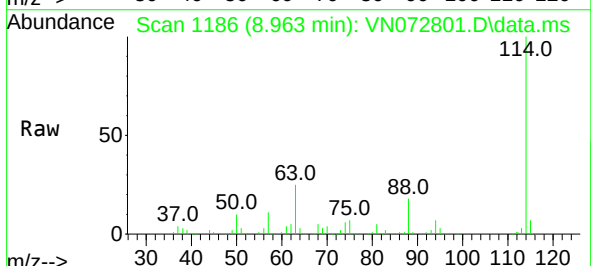
Tgt Ion:114 Resp: 304216

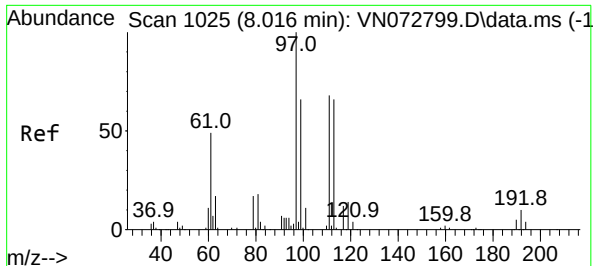
Ion Ratio Lower Upper

114 100

63 25.3 0.0 40.0

88 18.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 205.468 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 113 Resp: 46075

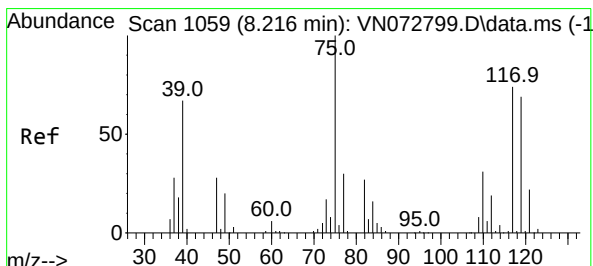
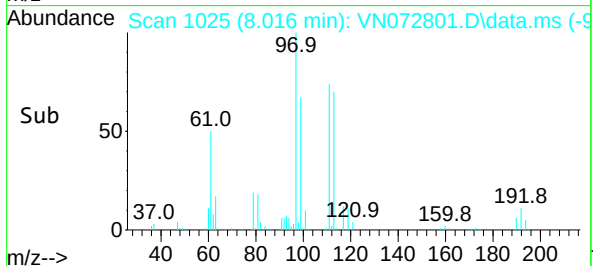
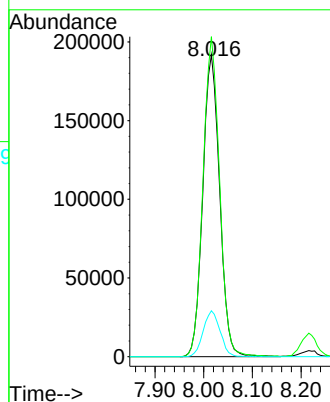
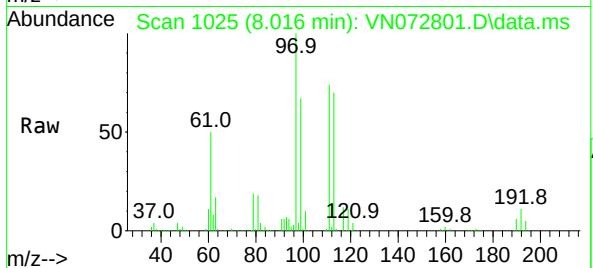
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.4	122.0
192	15.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#36

1,1-Dichloropropene

Concen: 192.881 ug/l

RT: 8.216 min Scan# 1059

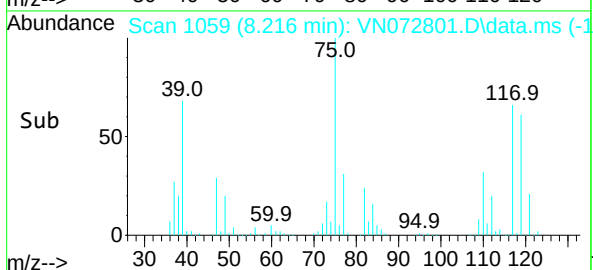
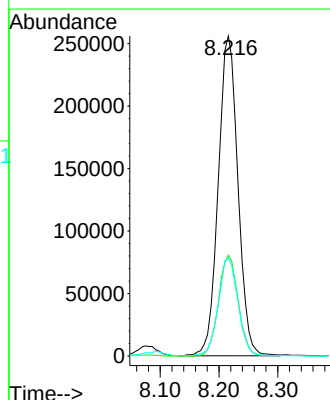
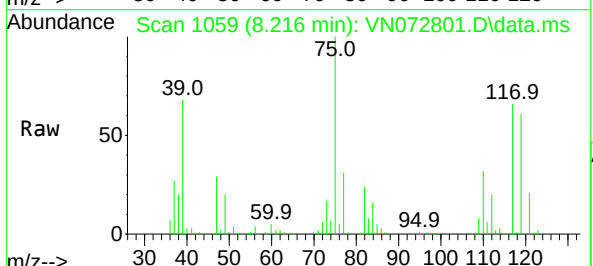
Delta R.T. 0.000 min

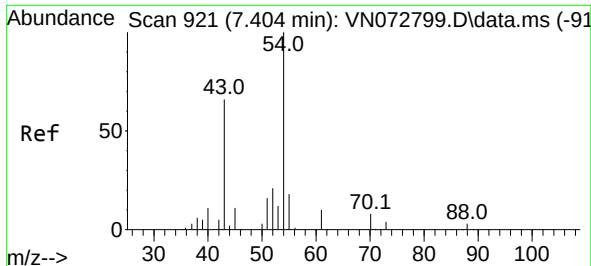
Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Tgt Ion: 75 Resp: 595239

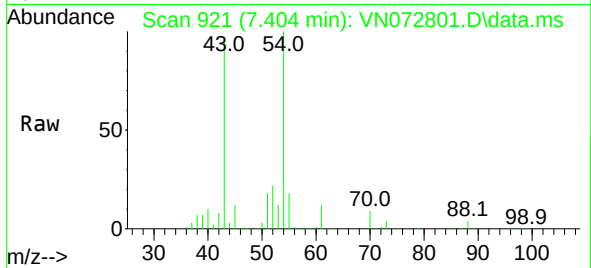
Ion	Ratio	Lower	Upper
75	100		
110	31.5	18.3	54.8
77	30.6	25.1	37.7





#37
Ethyl Acetate
Concen: 240.183 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

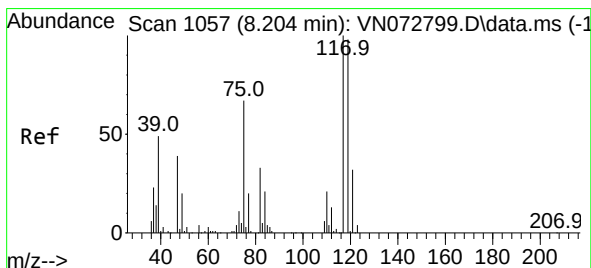
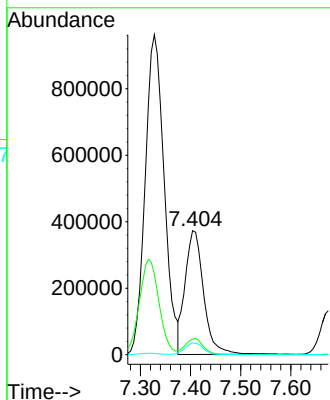
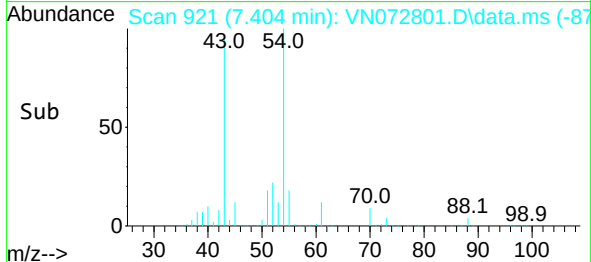
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



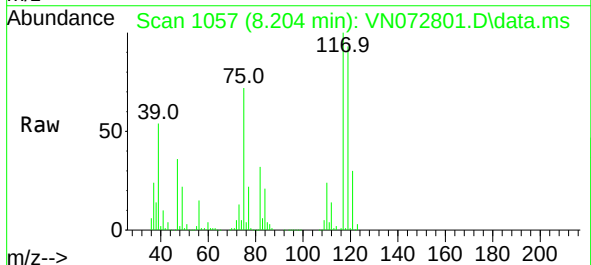
Tgt Ion: 43 Resp: 952524
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 9.2 9.3 13.9

Manual Integrations
APPROVED

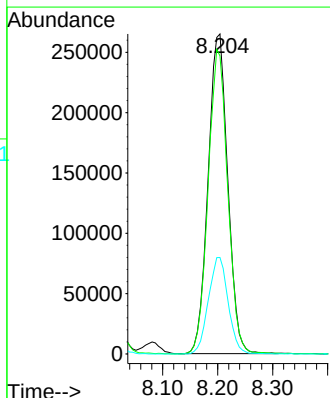
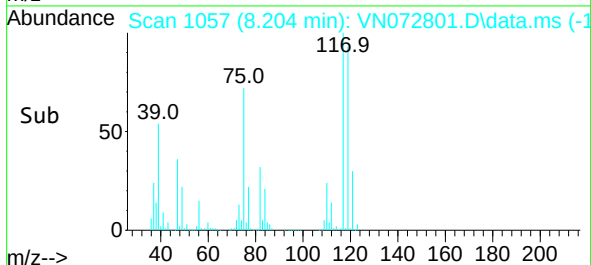
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

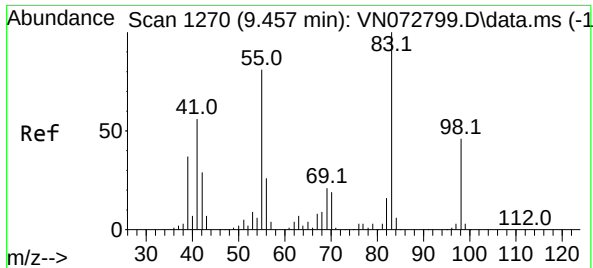


#38
Carbon Tetrachloride
Concen: 191.809 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion:117 Resp: 658681
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.8
121 30.2 24.6 37.0





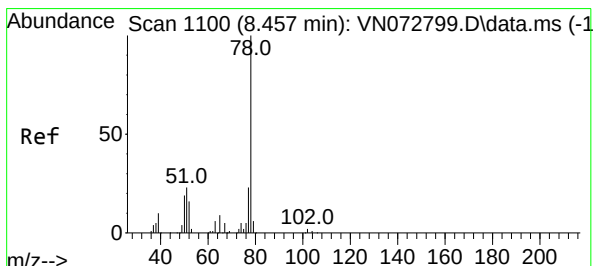
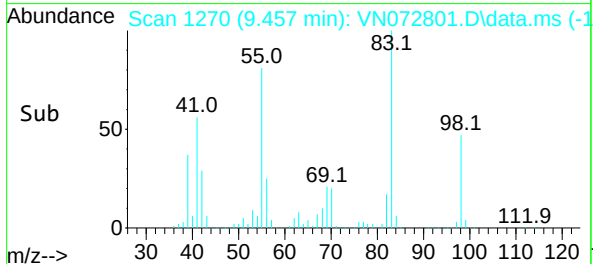
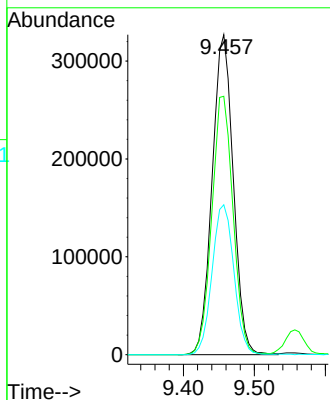
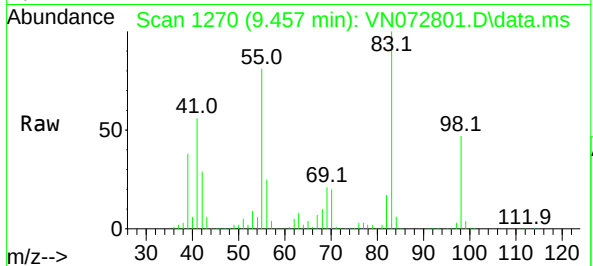
#39
Methylcyclohexane
Concen: 195.502 ug/l
RT: 9.457 min Scan# 11099
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 674992
Ion Ratio Lower Upper
83 100
55 80.8 57.8 86.8
98 46.8 39.4 59.2

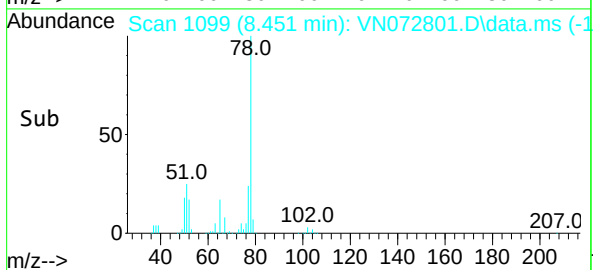
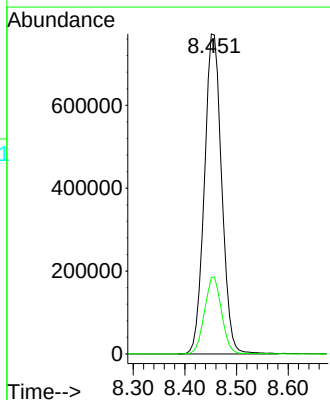
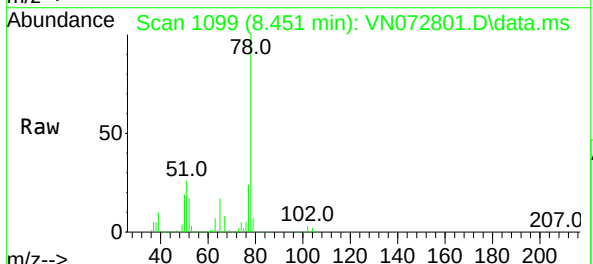
Manual Integrations
APPROVED

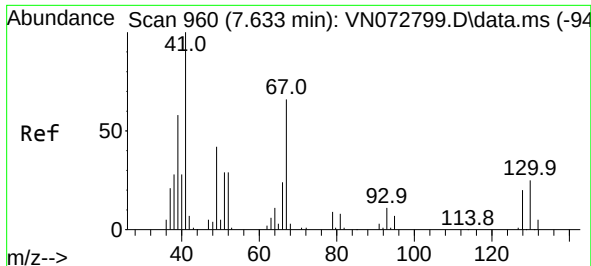
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#40
Benzene
Concen: 193.403 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion: 78 Resp: 1796099
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





#41
Methacrylonitrile
Concen: 235.128 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

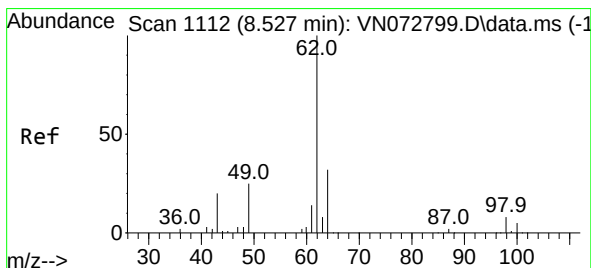
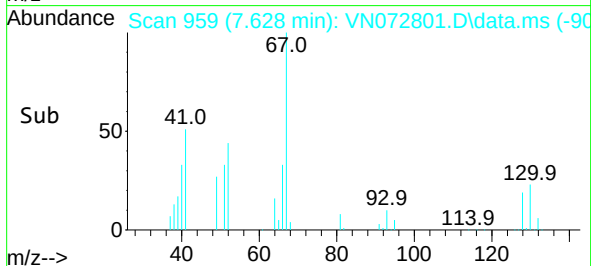
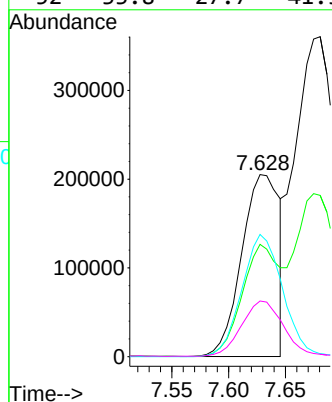
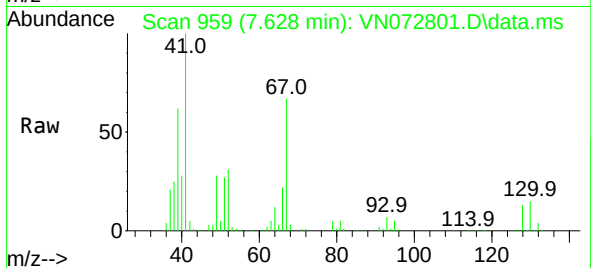
VSTDICC150

Tgt Ion: 41 Resp: 472025
Ion Ratio Lower Upper
41 100
39 66.6 48.6 73.0
67 73.4 73.4 110.2
52 33.8 27.7 41.5

Manual Integrations

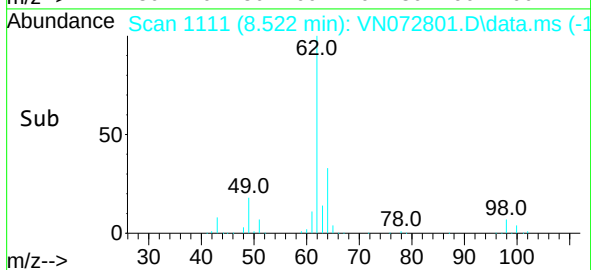
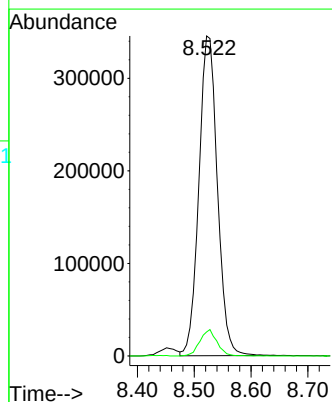
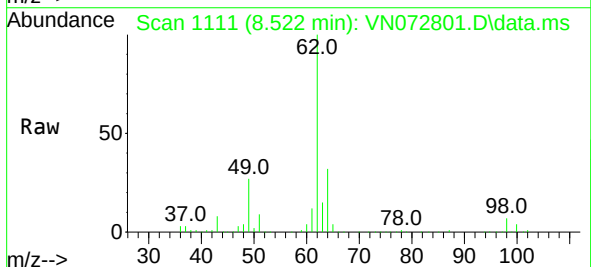
APPROVED

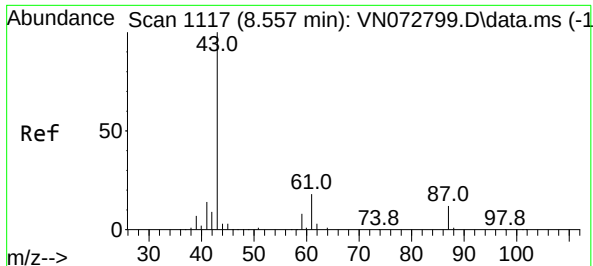
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#42
1,2-Dichloroethane
Concen: 205.080 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion: 62 Resp: 782531
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.4





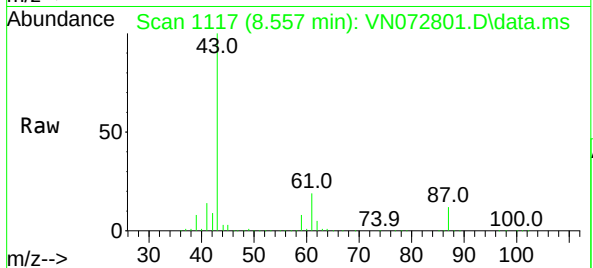
#43
Isopropyl Acetate
Concen: 250.297 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



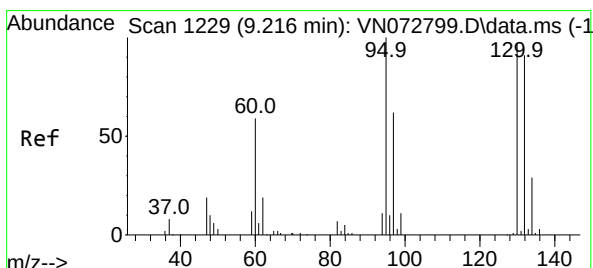
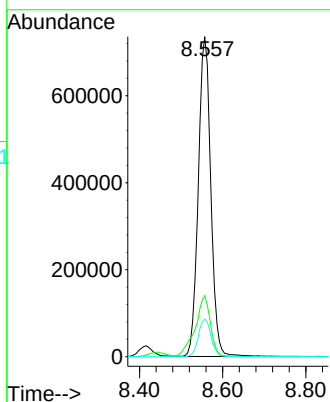
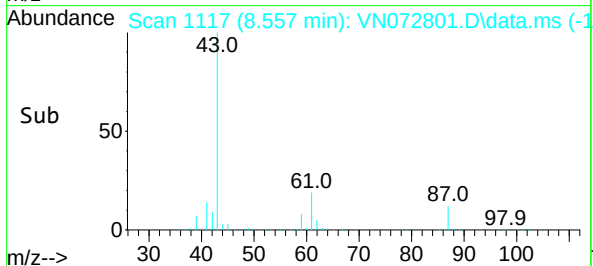
Tgt Ion: 43 Resp: 1535218
Ion Ratio Lower Upper
43 100
61 23.3 21.9 32.9
87 11.9 12.0 18.0

Manual Integrations

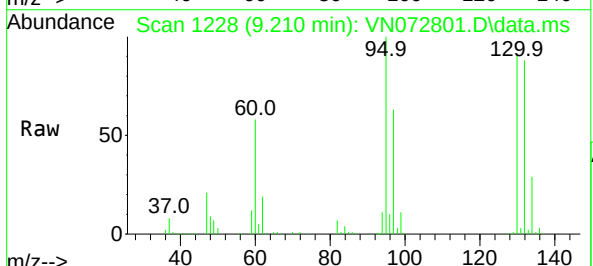
APPROVED

Reviewed By :John Carlone 06/14/2022

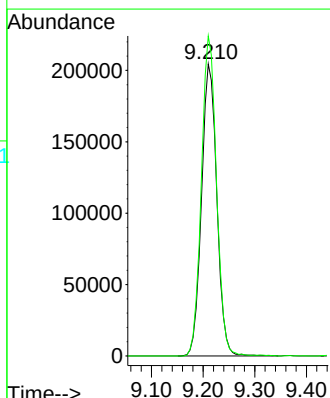
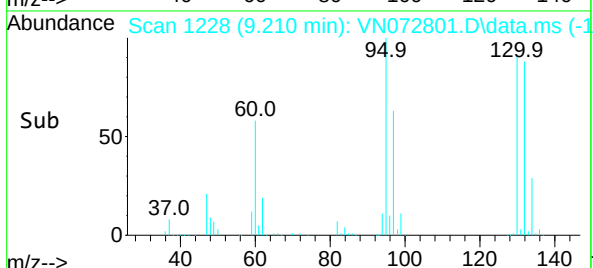
Supervised By :Mahesh Dadoda 06/14/2022

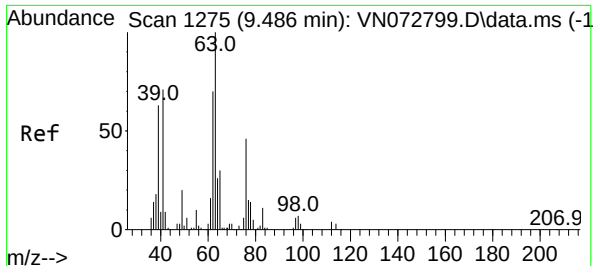


#44
Trichloroethene
Concen: 181.099 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion:130 Resp: 419285
Ion Ratio Lower Upper
130 100
95 109.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 212.327 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 51167

Ion Ratio Lower Upper

63 100

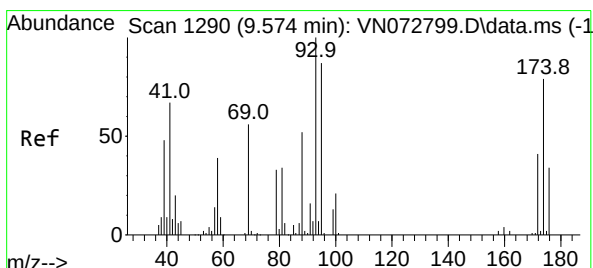
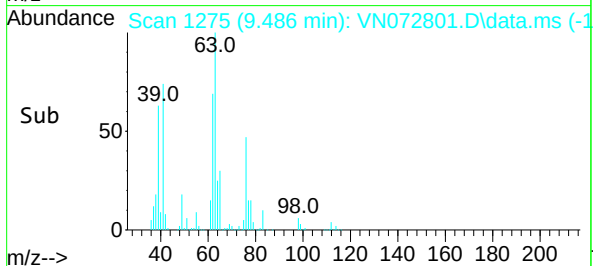
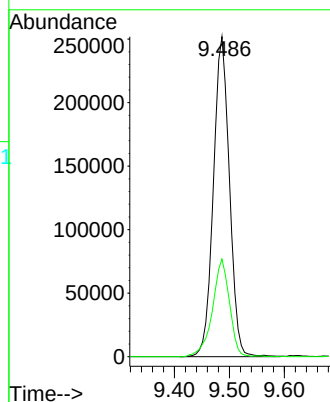
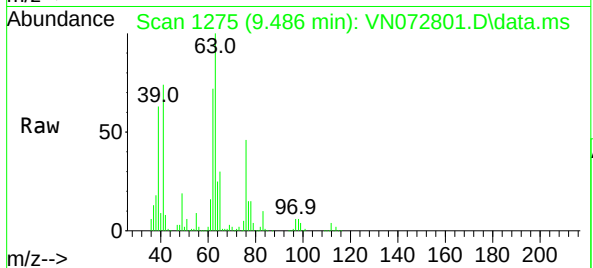
65 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#46

Dibromomethane

Concen: 210.062 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

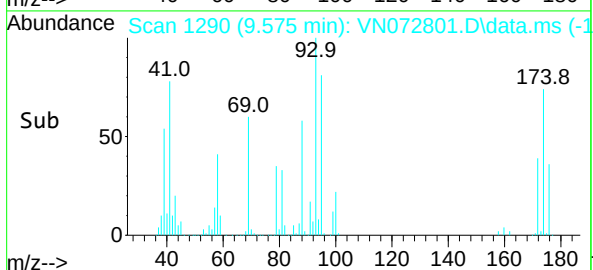
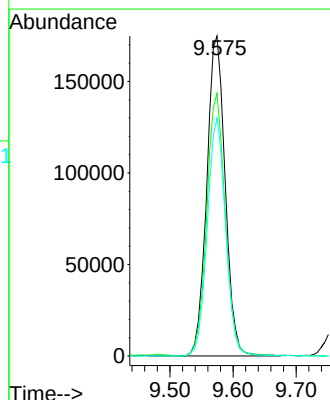
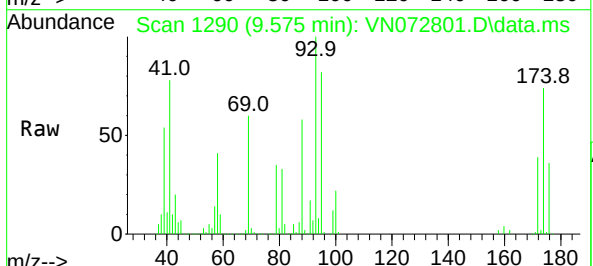
Tgt Ion: 93 Resp: 353540

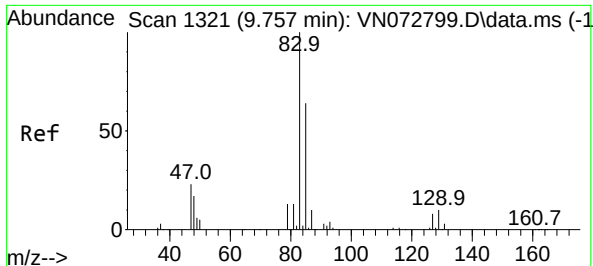
Ion Ratio Lower Upper

93 100

95 82.1 66.9 100.3

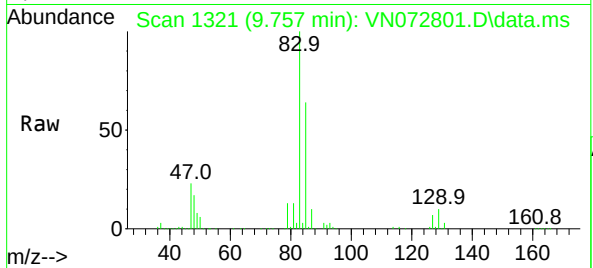
174 74.4 86.6 130.0#





#47
Bromodichloromethane
Concen: 218.527 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

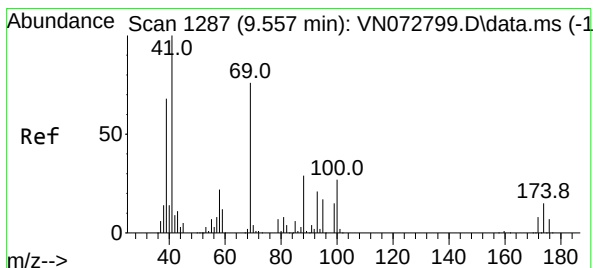
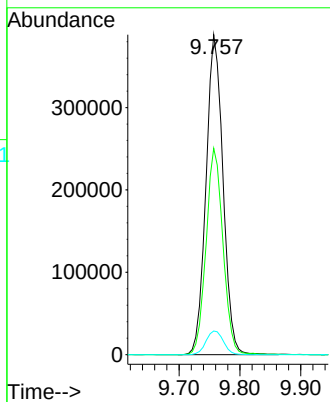
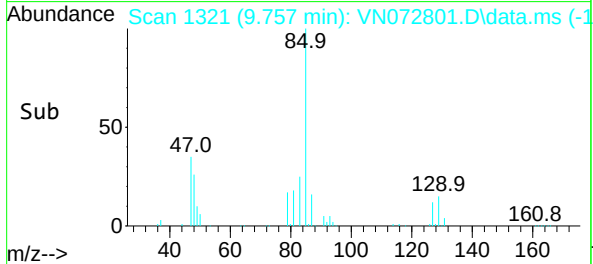
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



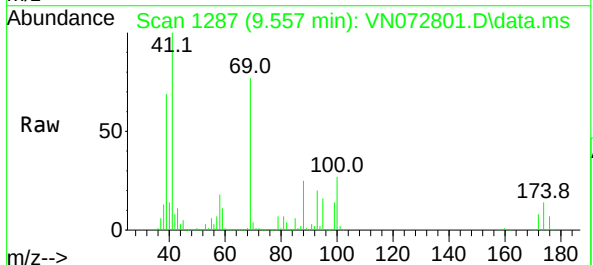
Tgt Ion: 83 Resp: 753432
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 7.4 6.8 10.2

Manual Integrations
APPROVED

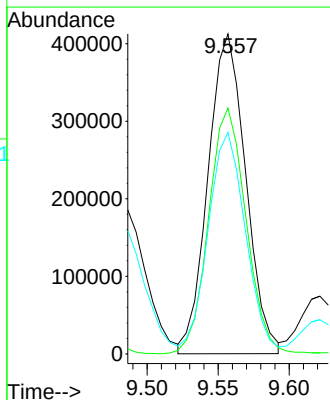
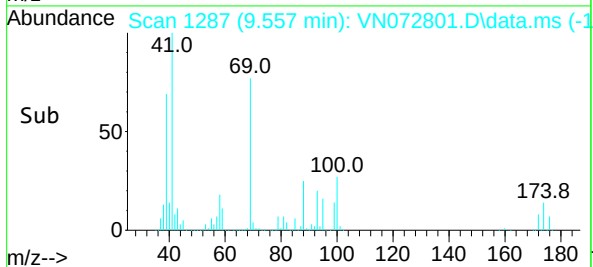
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

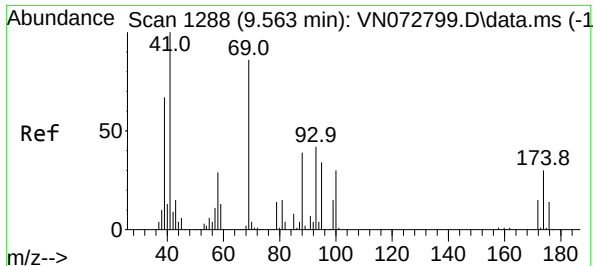


#48
Methyl methacrylate
Concen: 270.242 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion: 41 Resp: 761038
Ion Ratio Lower Upper
41 100
69 77.1 74.7 112.1
39 68.9 45.6 68.4





#49

1,4-Dioxane

Concen: 5328.046 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 263980

Ion Ratio Lower Upper

88 100

43 38.9 20.2 30.4

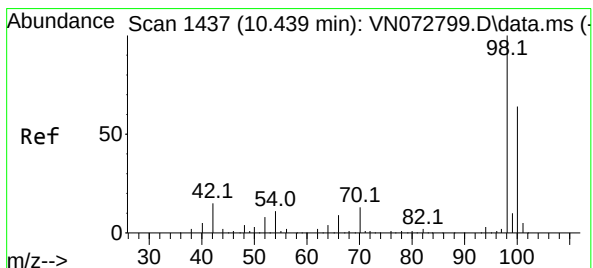
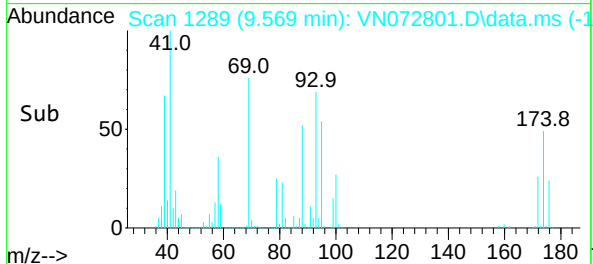
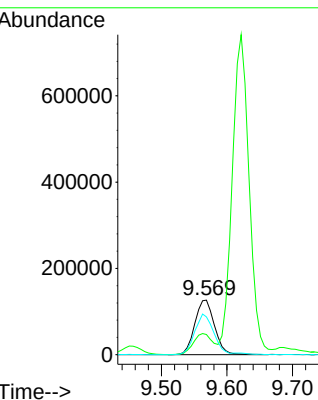
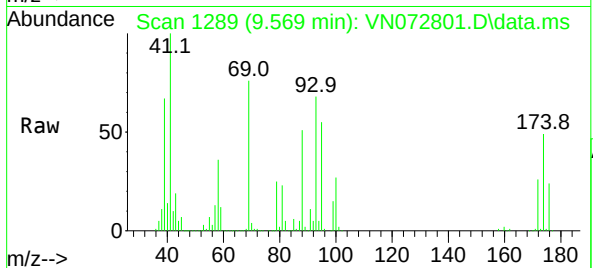
58 74.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#50

Toluene-d8

Concen: 216.665 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072801.D

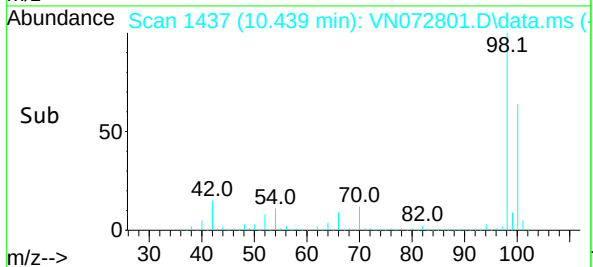
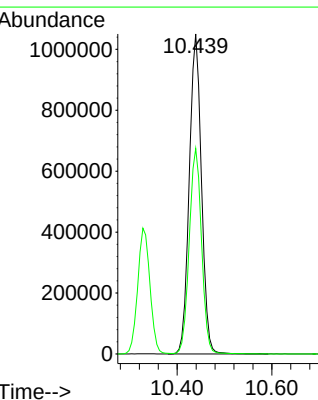
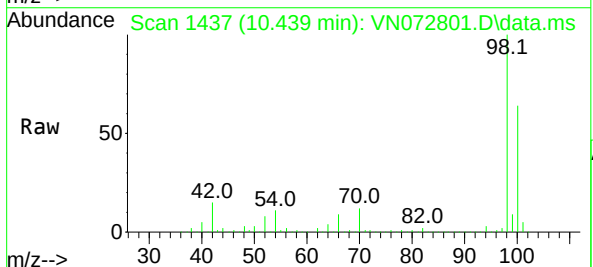
Acq: 13 Jun 2022 12:39

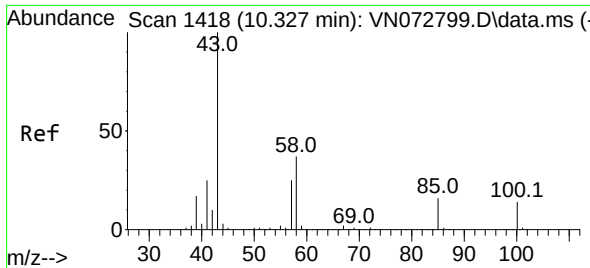
Tgt Ion: 98 Resp: 1874636

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8





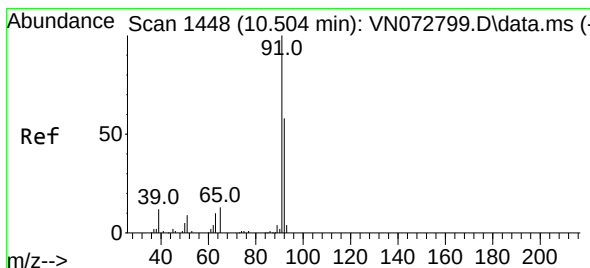
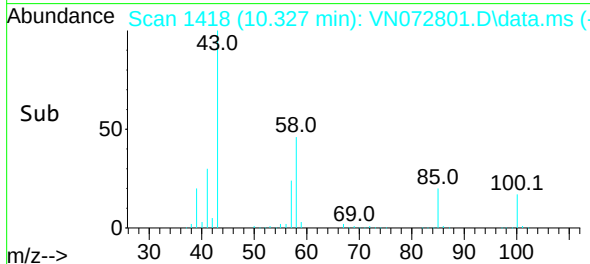
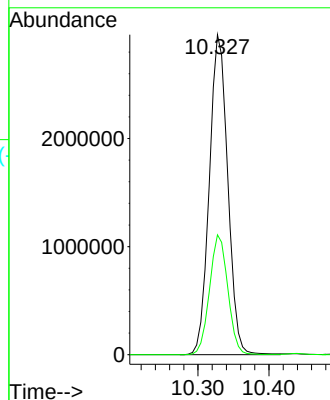
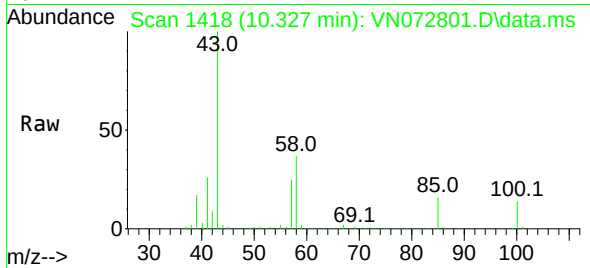
#51
4-Methyl-2-Pentanone
Concen: 1367.552 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 533243
Ion Ratio Lower Upper
43 100
58 37.2 34.1 51.1

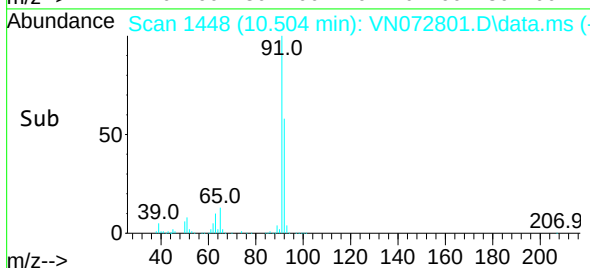
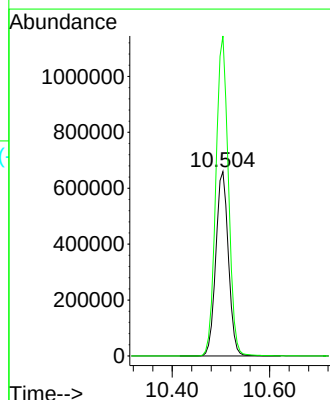
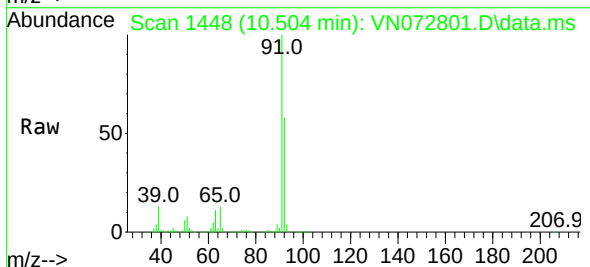
Manual Integrations
APPROVED

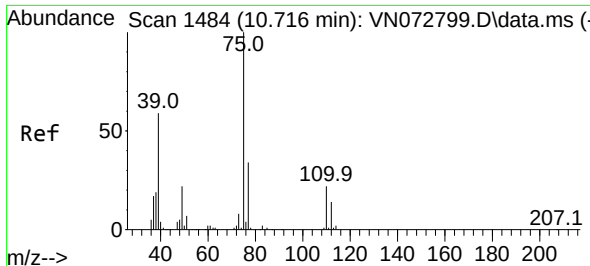
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#52
Toluene
Concen: 205.284 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

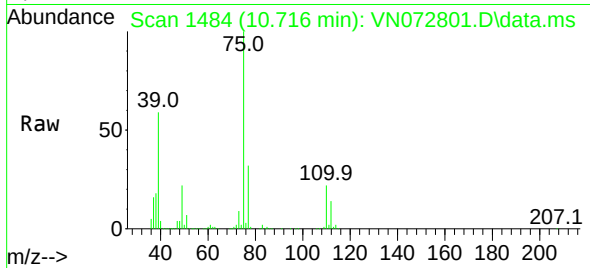
Tgt Ion: 92 Resp: 1180168
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 249.467 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

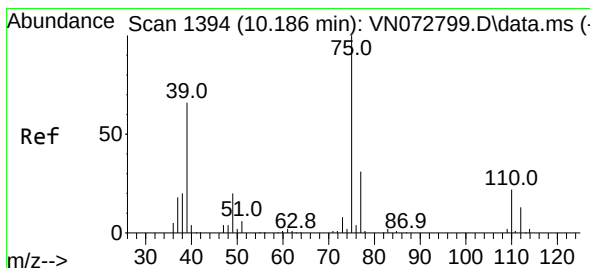
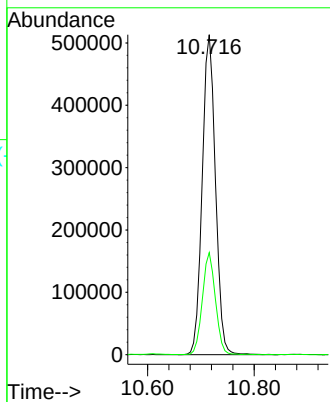
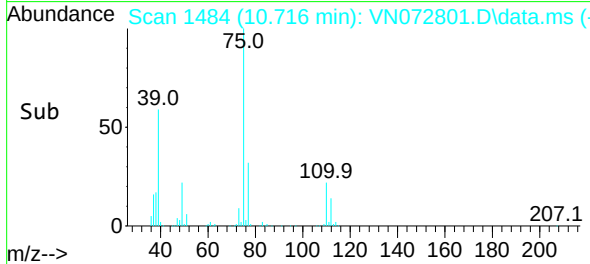
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



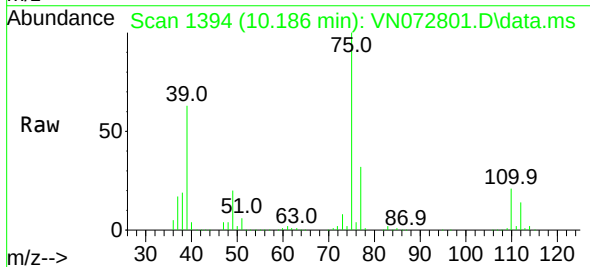
Tgt Ion: 75 Resp: 883890
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

Manual Integrations
APPROVED

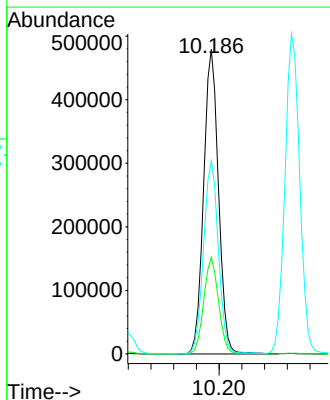
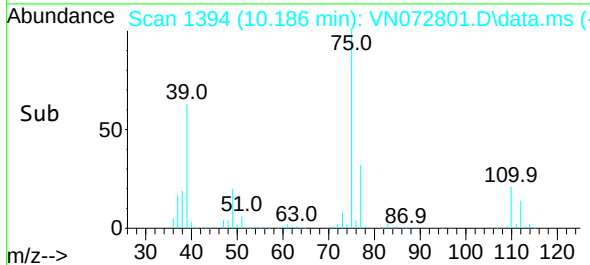
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

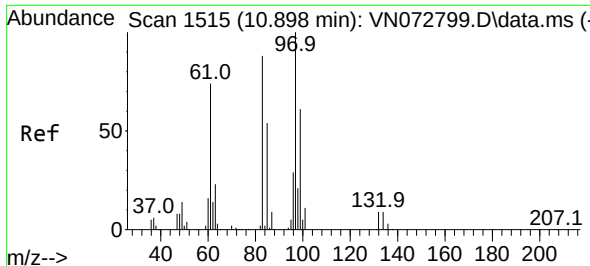


#54
cis-1,3-Dichloropropene
Concen: 231.835 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



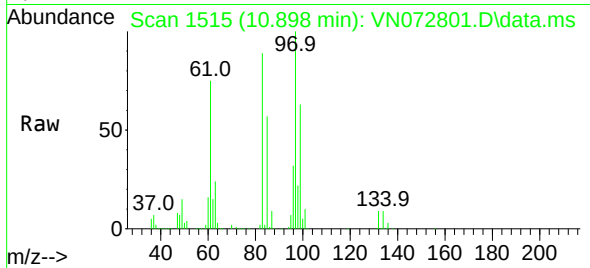
Tgt Ion: 75 Resp: 867660
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 63.3 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 210.342 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

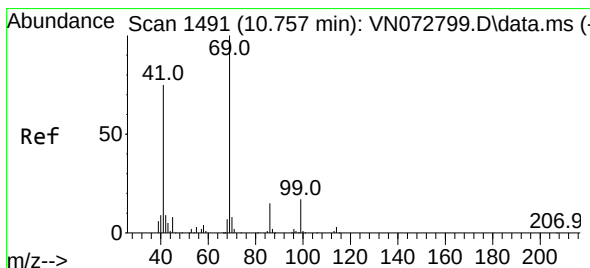
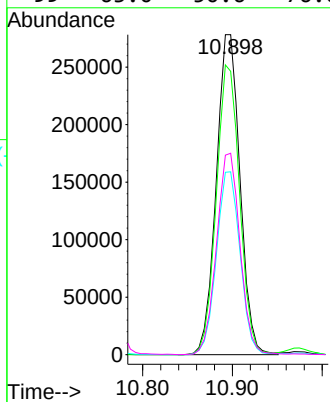
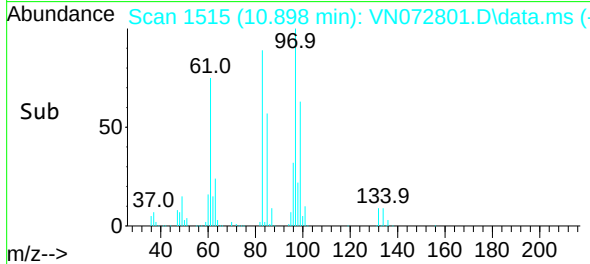
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



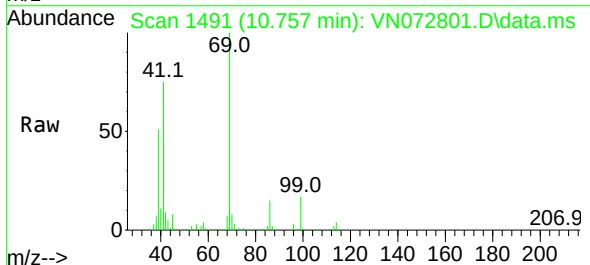
Tgt Ion:	97	Resp:	510810
Ion	Ratio	Lower	Upper
97	100		
83	88.5	66.2	99.4
85	57.2	43.9	65.9
99	63.0	50.6	76.0

Manual Integrations
APPROVED

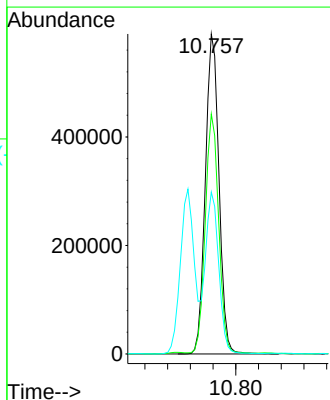
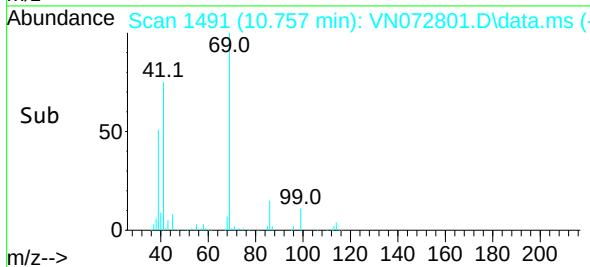
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

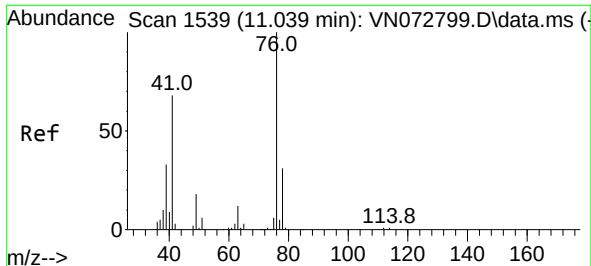


#56
Ethyl methacrylate
Concen: 269.739 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion:	69	Resp:	976461
Ion	Ratio	Lower	Upper
69	100		
41	73.7	47.8	71.6#
39	50.9	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 221.935 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 92136

Ion Ratio Lower Upper

76 100

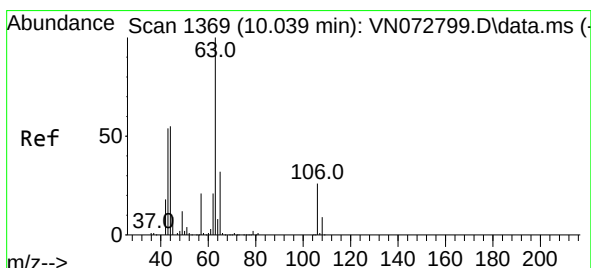
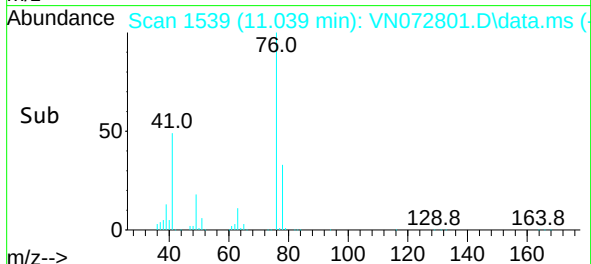
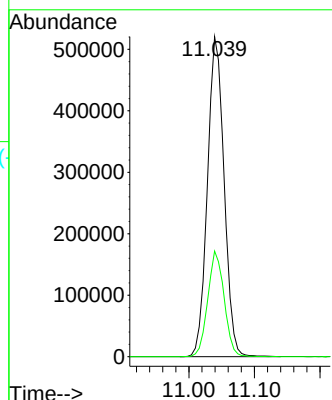
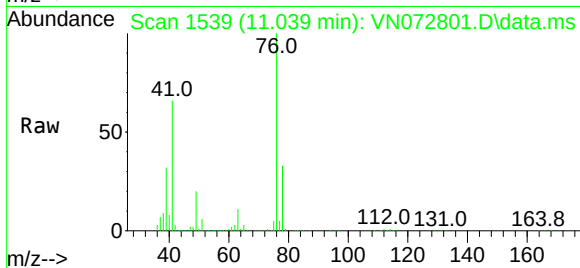
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 2245.617 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072801.D

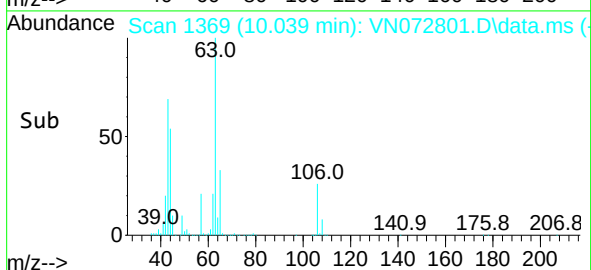
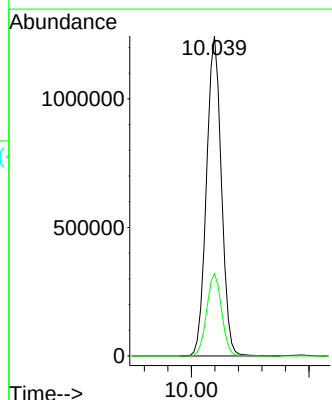
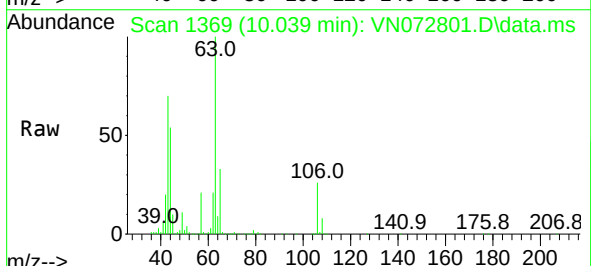
Acq: 13 Jun 2022 12:39

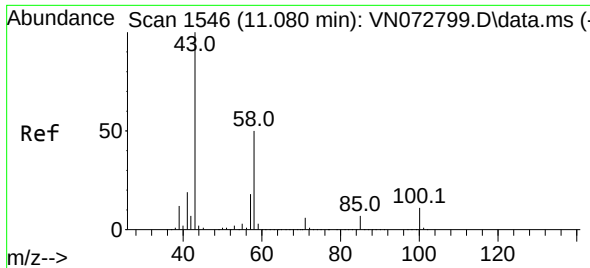
Tgt Ion: 63 Resp: 2181038

Ion Ratio Lower Upper

63 100

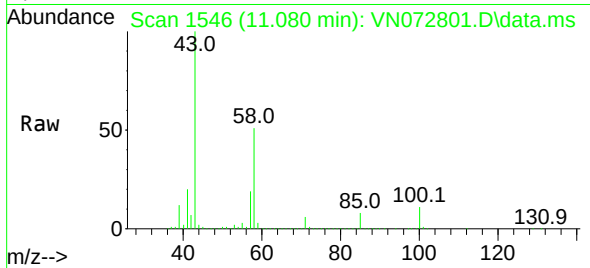
106 26.0 24.6 36.8





#59
2-Hexanone
Concen: 1422.561 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

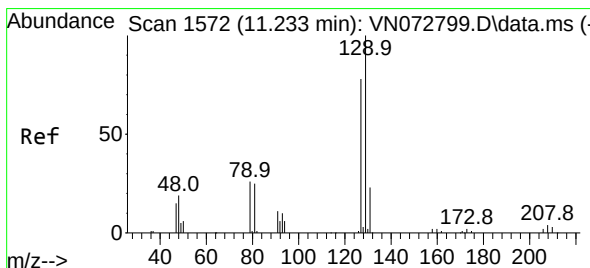
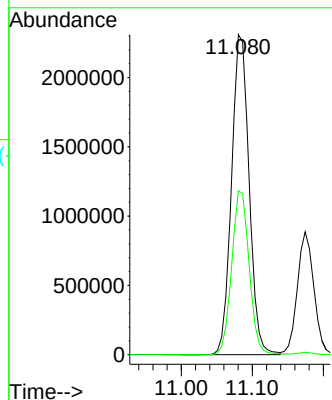
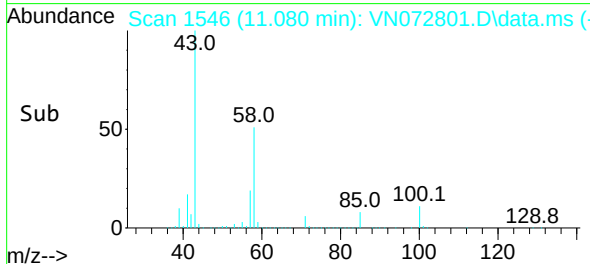
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



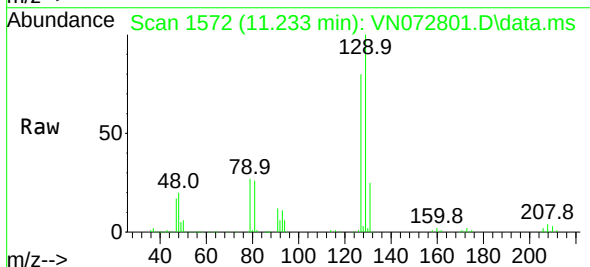
Tgt Ion: 43 Resp: 397218
Ion Ratio Lower Upper
43 100
58 51.0 29.7 89.1

Manual Integrations
APPROVED

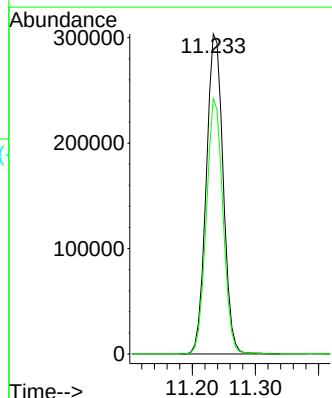
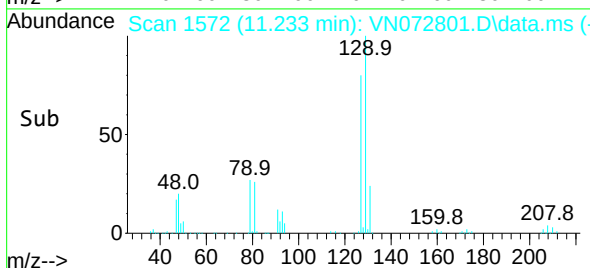
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

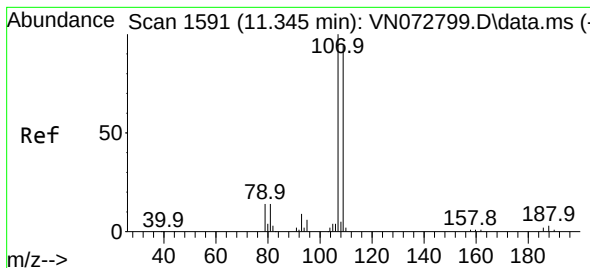


#60
Dibromochloromethane
Concen: 218.441 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



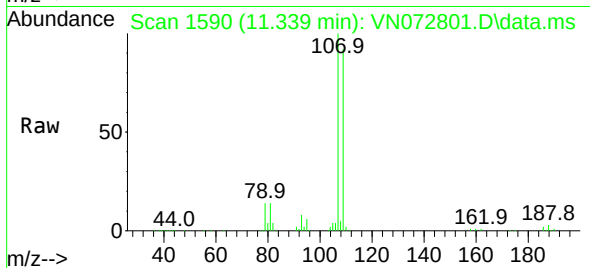
Tgt Ion:129 Resp: 561881
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 220.181 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

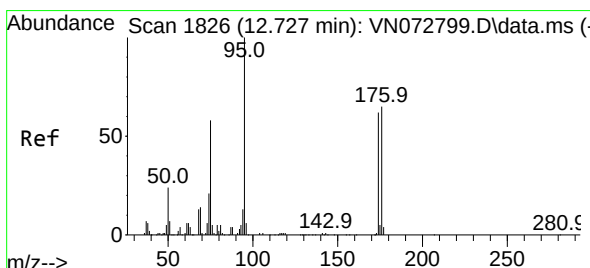
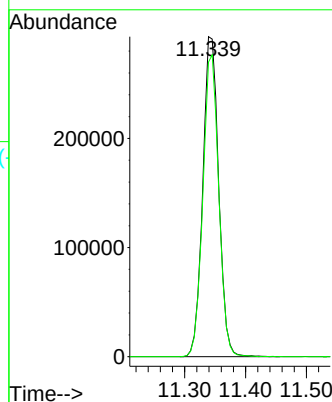
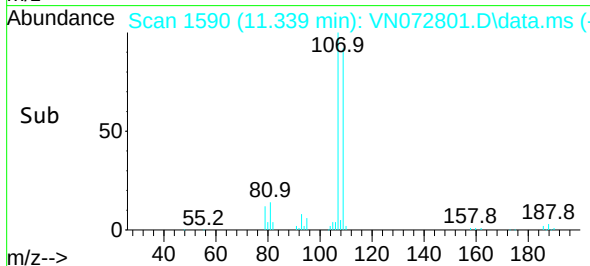
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



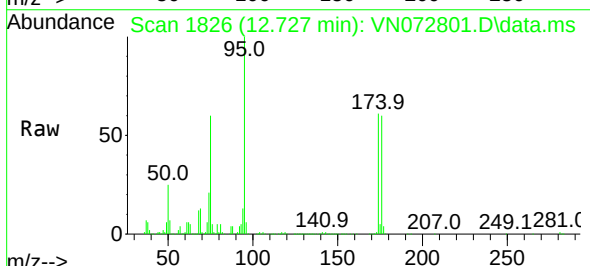
Tgt Ion:107 Resp: 532189
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6

Manual Integrations
APPROVED

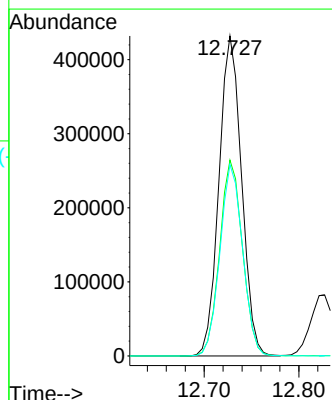
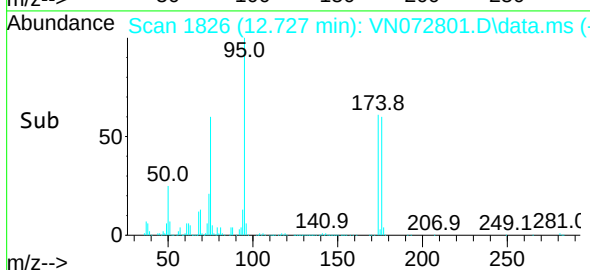
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

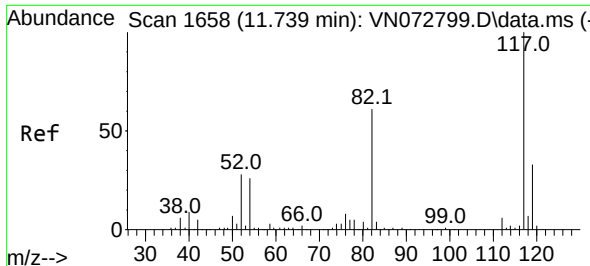


#62
4-Bromofluorobenzene
Concen: 246.090 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion: 95 Resp: 717485
Ion Ratio Lower Upper
95 100
174 61.6 0.0 167.6
176 60.0 0.0 163.4





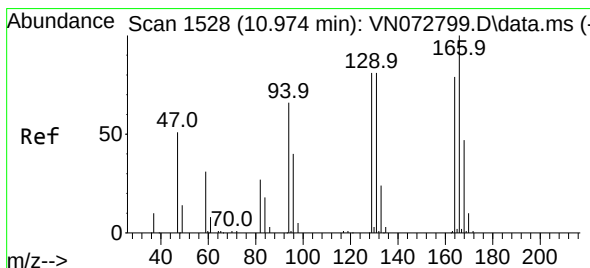
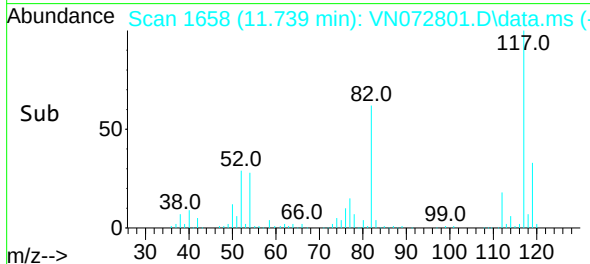
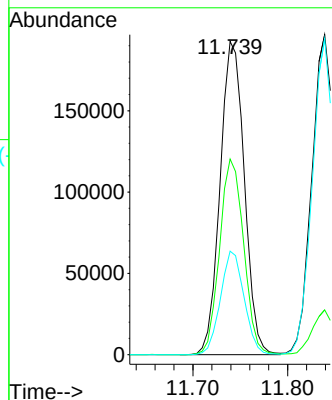
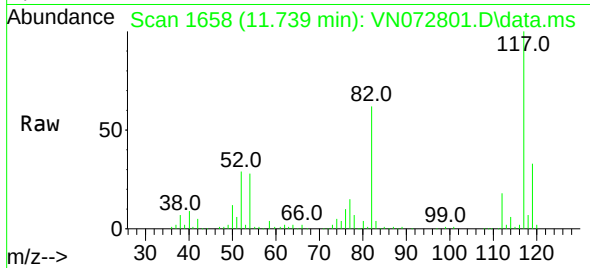
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 343314
Ion Ratio Lower Upper
117 100
82 62.5 44.2 66.2
119 33.1 25.4 38.0

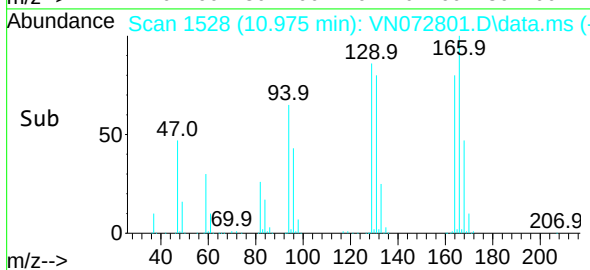
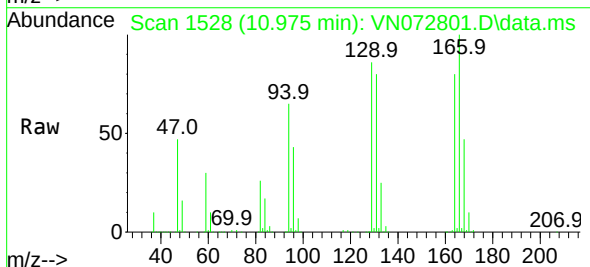
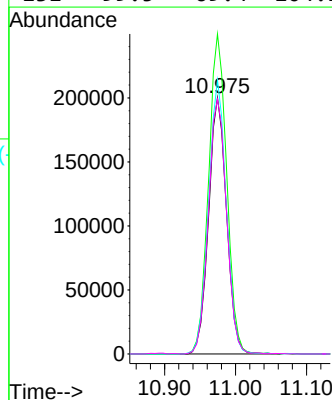
Manual Integrations
APPROVED

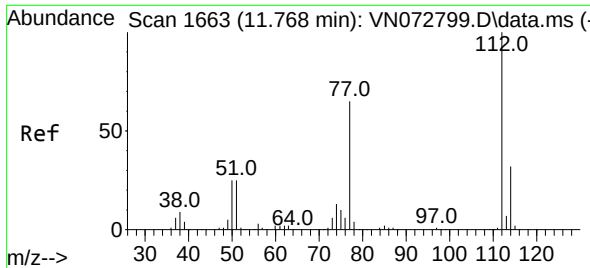
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#64
Tetrachloroethene
Concen: 140.038 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion:164 Resp: 351285
Ion Ratio Lower Upper
164 100
166 124.8 104.2 156.2
129 106.9 73.9 110.9
131 99.5 69.4 104.2





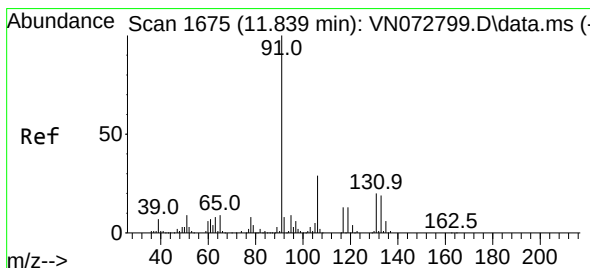
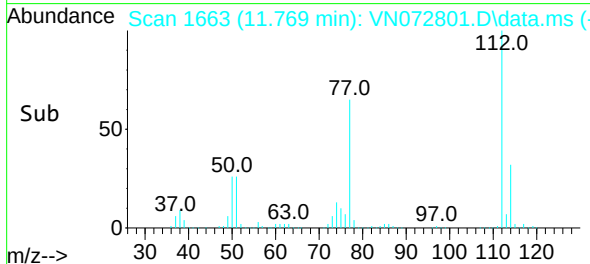
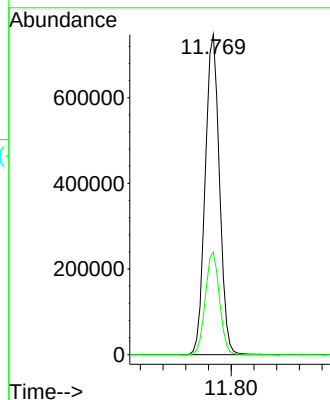
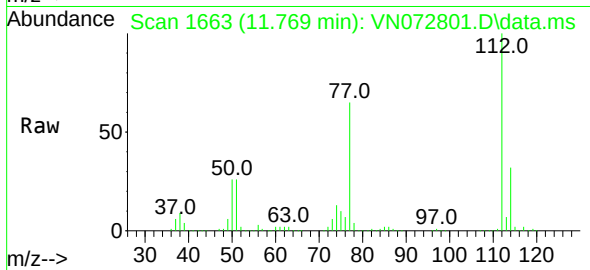
#65
Chlorobenzene
Concen: 176.746 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 130035
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

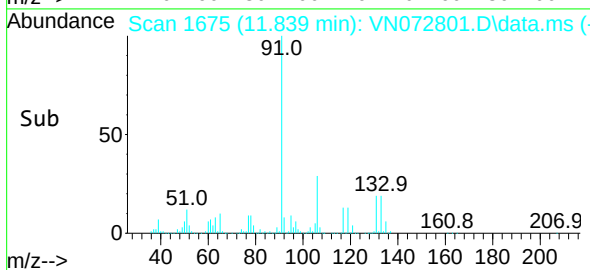
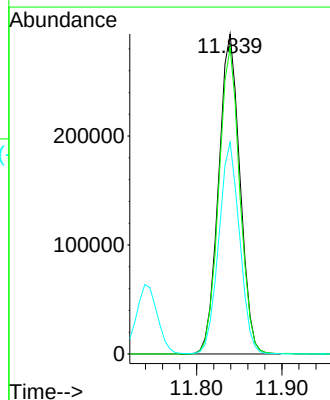
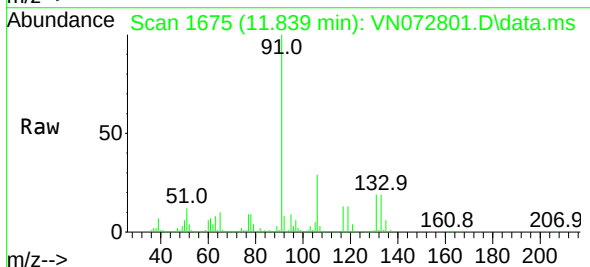
Manual Integrations
APPROVED

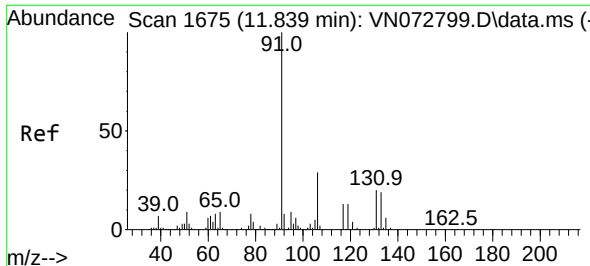
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 172.980 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion:131 Resp: 511202
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 64.7 33.4 100.2





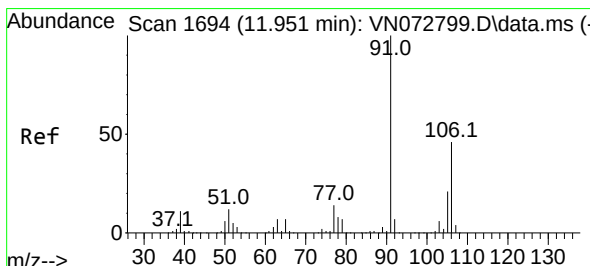
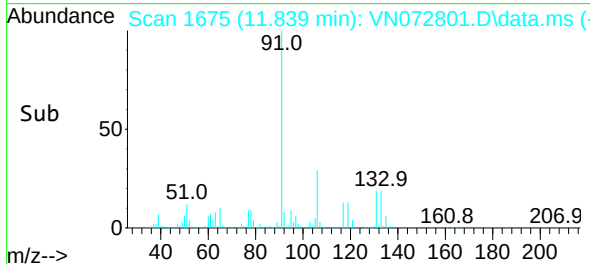
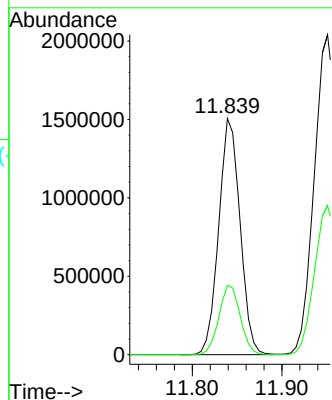
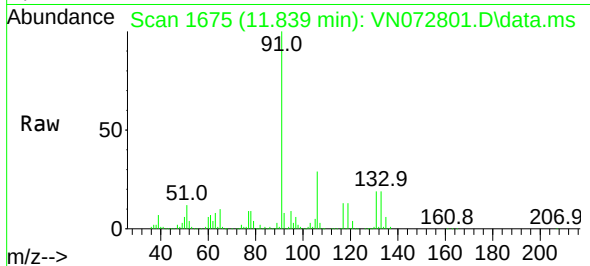
#67
Ethyl Benzene
Concen: 193.614 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2488352
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

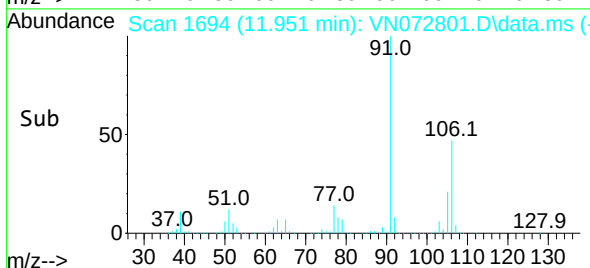
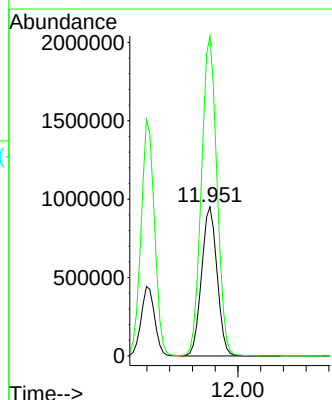
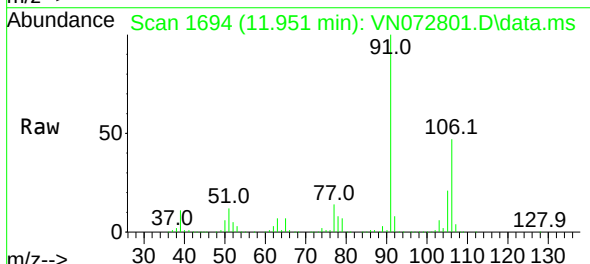
Manual Integrations
APPROVED

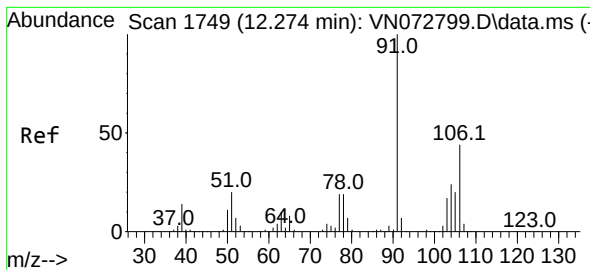
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#68
m/p-Xylenes
Concen: 375.244 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion:106 Resp: 1799752
Ion Ratio Lower Upper
106 100
91 214.8 158.9 238.3





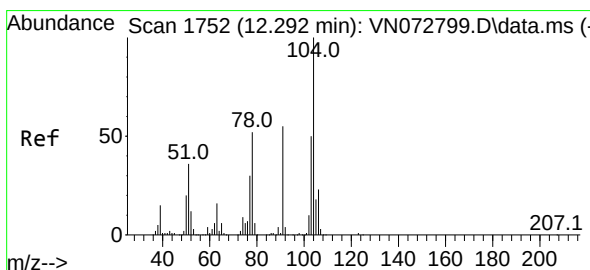
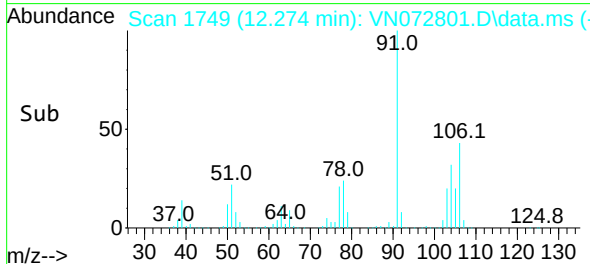
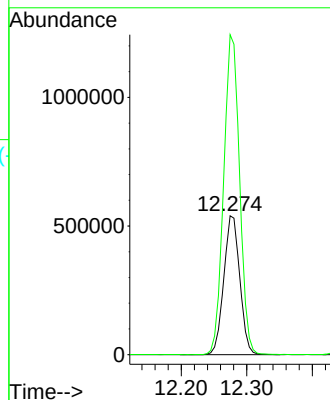
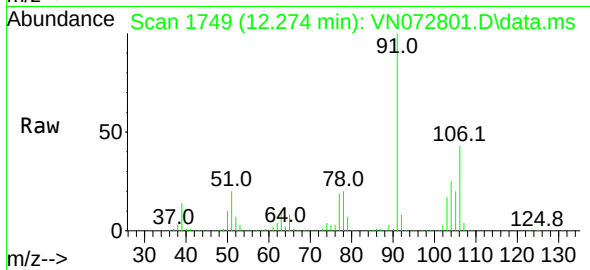
#69
o-Xylene
Concen: 191.914 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 910830
Ion Ratio Lower Upper
106 100
91 229.5 106.0 318.0

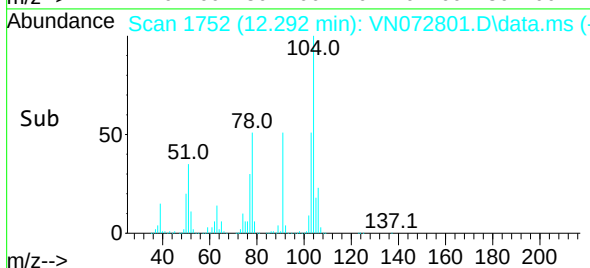
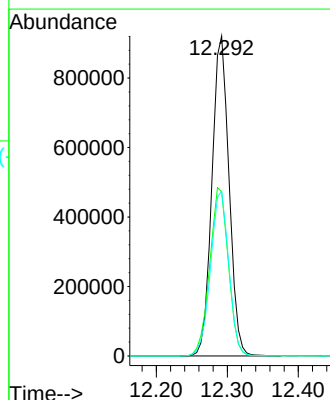
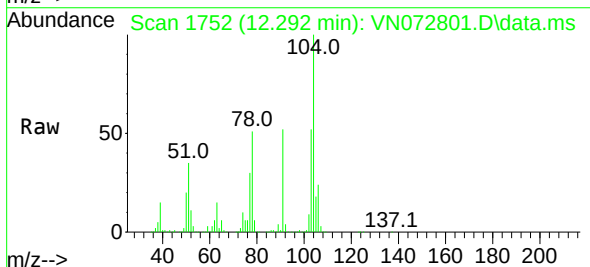
Manual Integrations
APPROVED

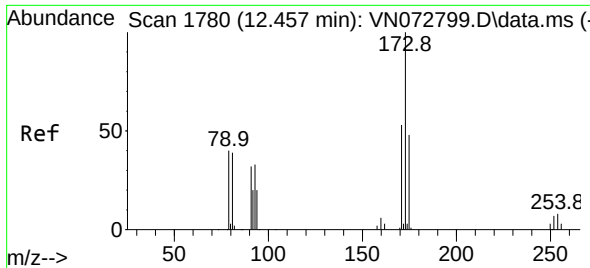
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#70
Styrene
Concen: 210.525 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

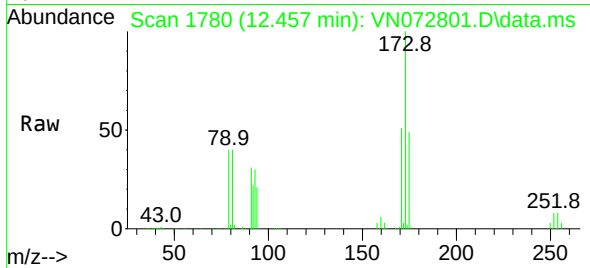
Tgt Ion:104 Resp: 1537815
Ion Ratio Lower Upper
104 100
78 57.5 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 182.910 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

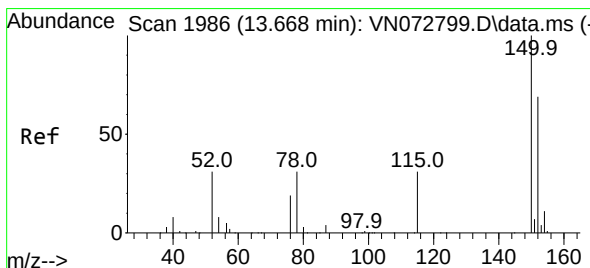
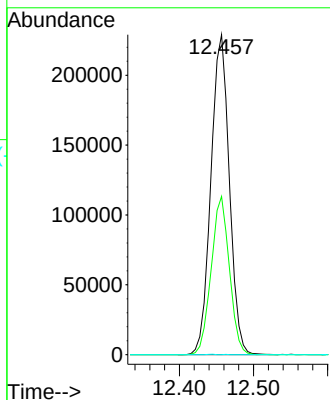
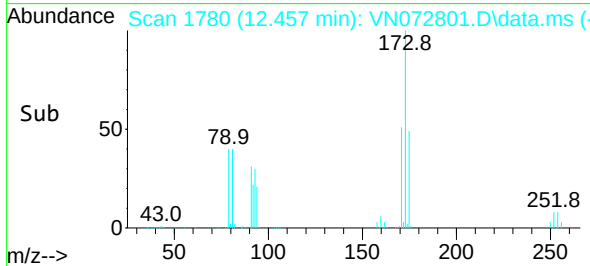
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:173 Resp: 395082
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.1 0.1

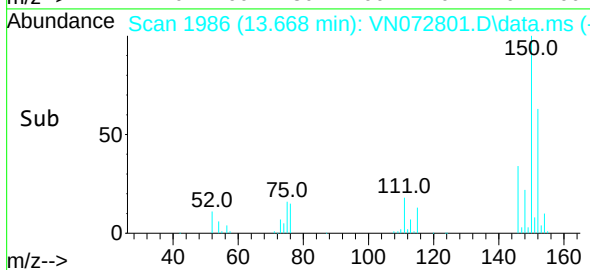
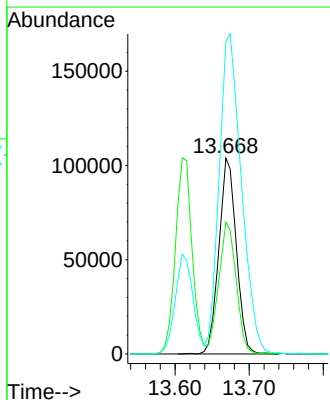
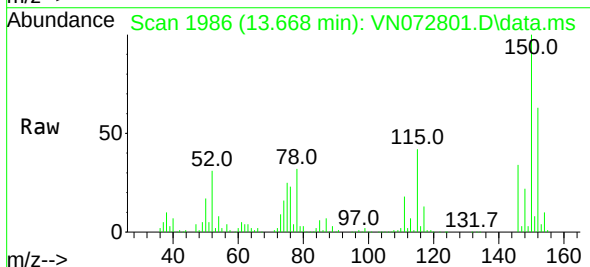
Manual Integrations
APPROVED

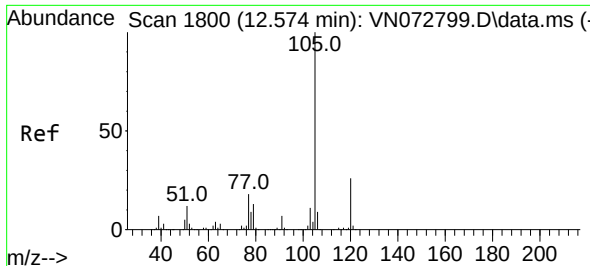
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

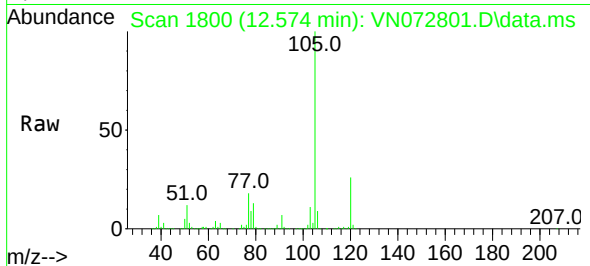
Tgt Ion:152 Resp: 169743
Ion Ratio Lower Upper
152 100
115 67.9 28.9 86.7
150 207.7 0.0 356.2





#73
Isopropylbenzene
Concen: 169.062 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

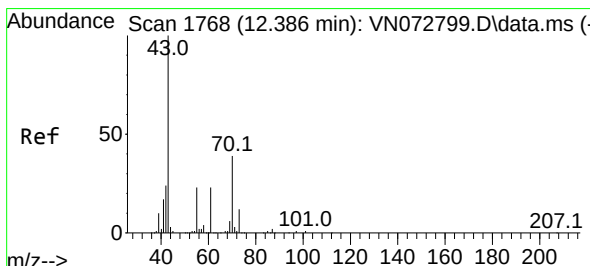
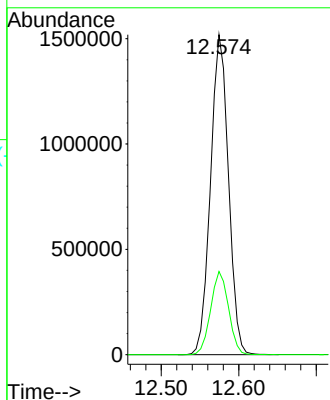
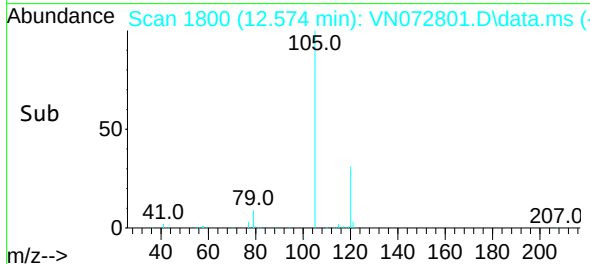
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



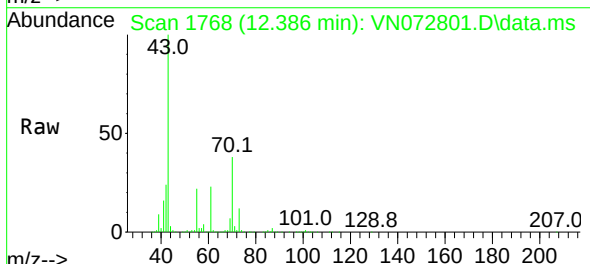
Tgt Ion:105 Resp: 2442799
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

Manual Integrations
APPROVED

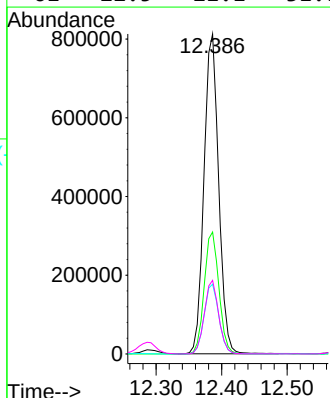
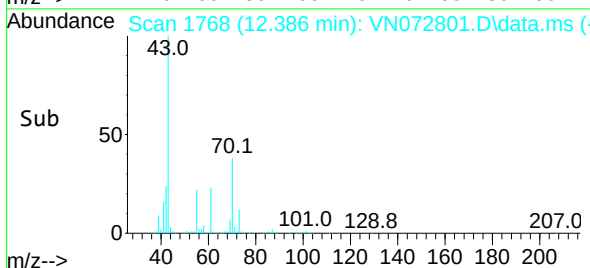
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

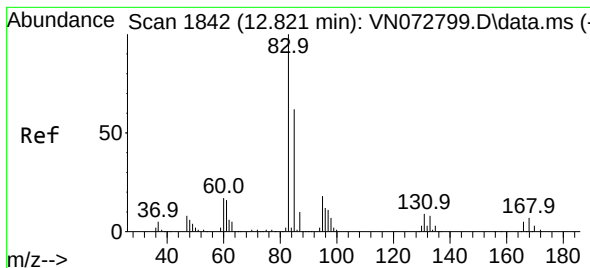


#74
N-ethyl acetate
Concen: 227.637 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



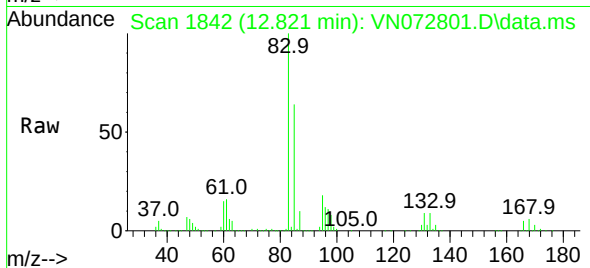
Tgt Ion: 43 Resp: 1267530
Ion Ratio Lower Upper
43 100
70 38.1 39.0 58.4#
55 22.0 21.1 31.7
61 22.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 148.980 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

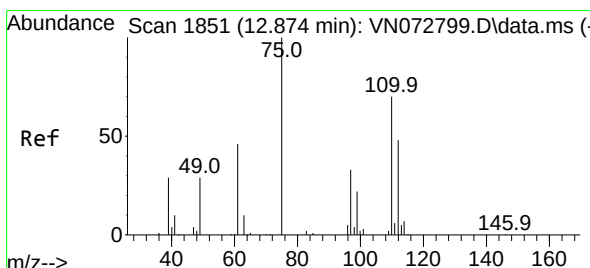
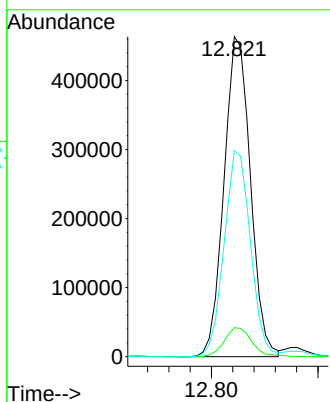
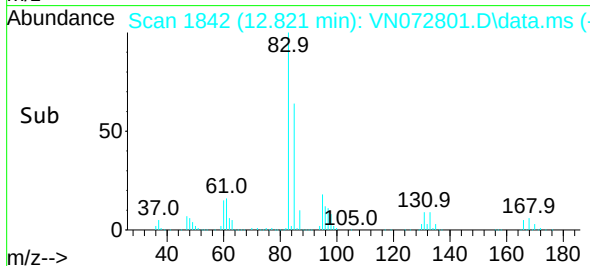
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



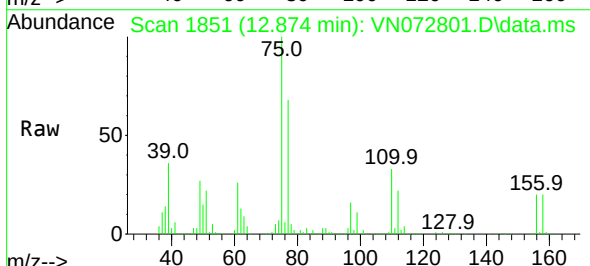
Tgt Ion: 83 Resp: 798240
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.9
85 64.1 32.3 96.9

Manual Integrations
APPROVED

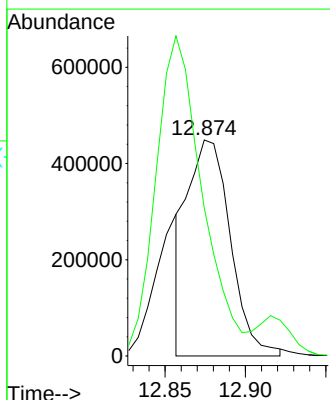
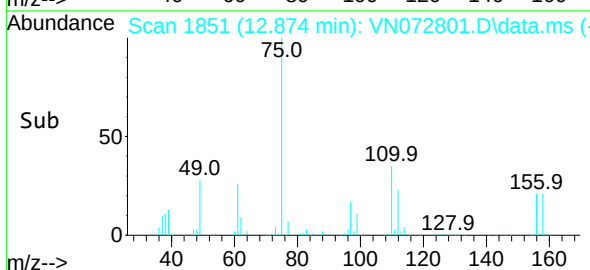
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

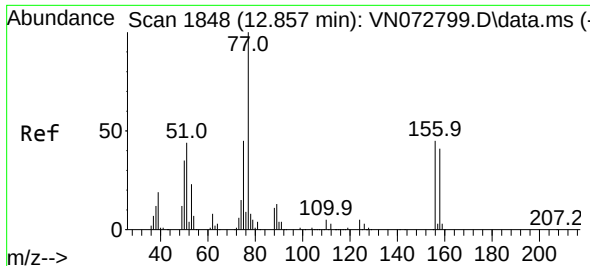


#76
1,2,3-Trichloropropane
Concen: 176.706 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



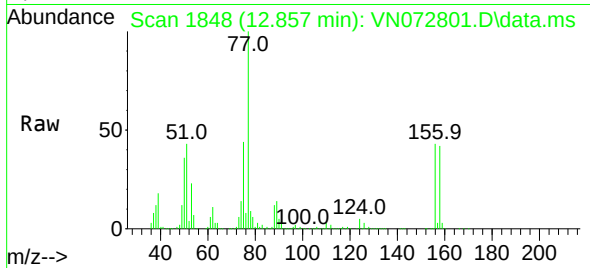
Tgt Ion: 75 Resp: 836288
Ion Ratio Lower Upper
75 100
77 159.7 98.5 295.5





#77
Bromobenzene
Concen: 144.546 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

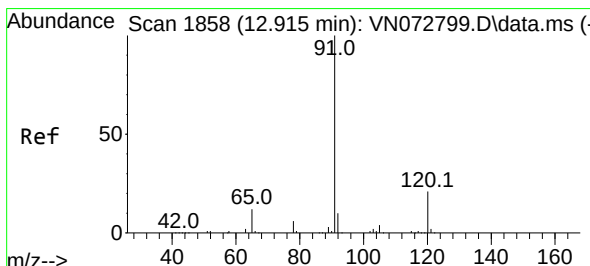
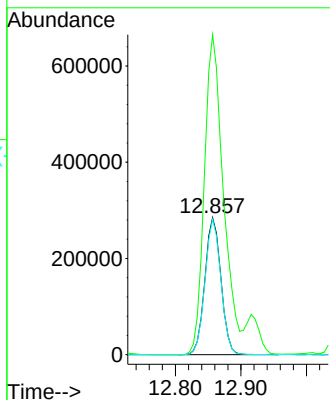
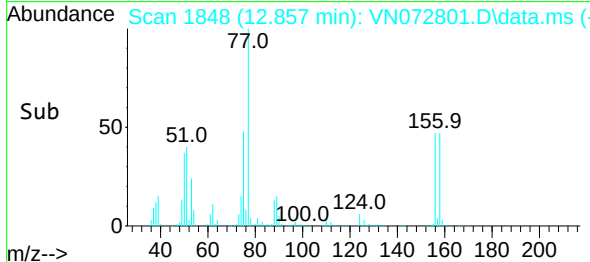
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 48620
Ion Ratio Lower Upper
156 100
77 274.6 100.5 301.5
158 97.7 48.9 146.6

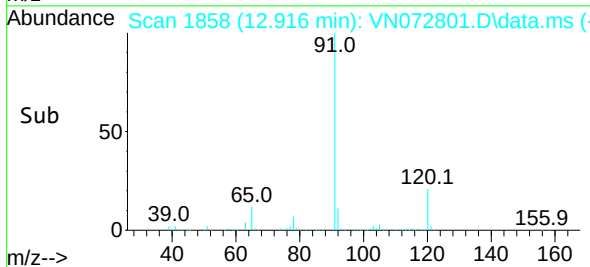
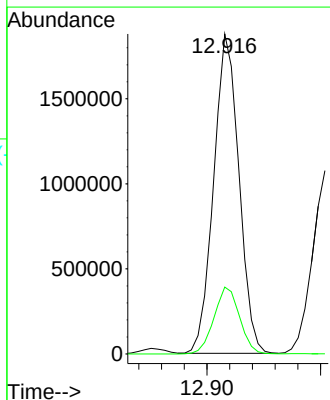
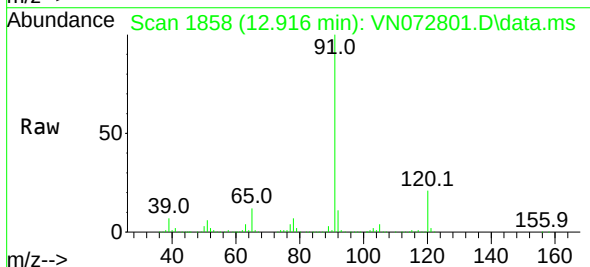
Manual Integrations
APPROVED

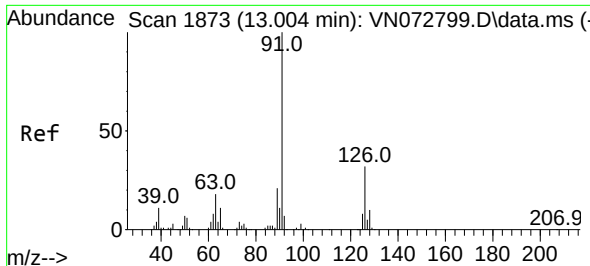
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#78
n-propylbenzene
Concen: 186.367 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion: 91 Resp: 2900142
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.5





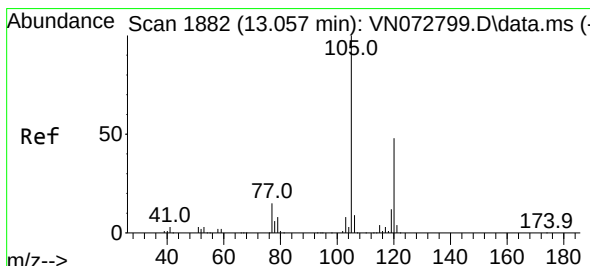
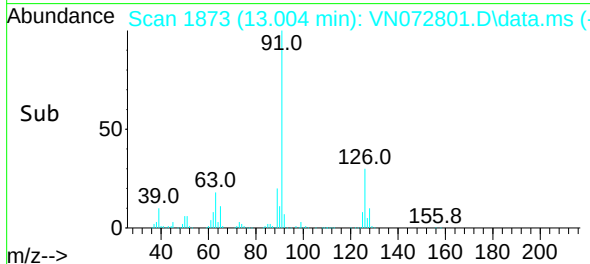
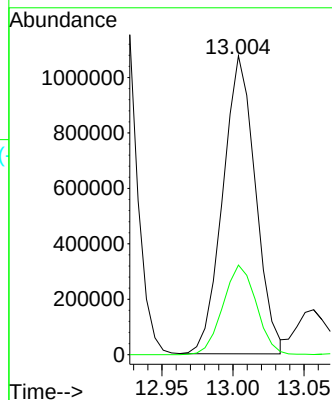
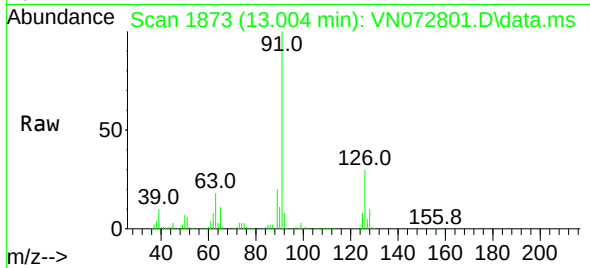
#79
2-Chlorotoluene
Concen: 169.484 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1724304
Ion Ratio Lower Upper
91 100
126 30.7 17.3 51.9

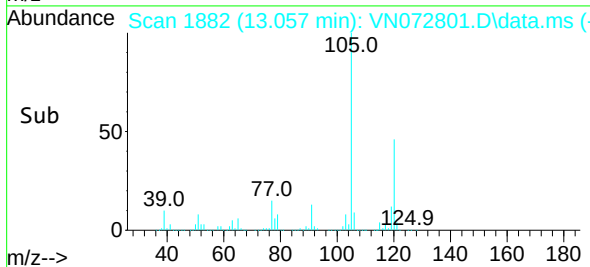
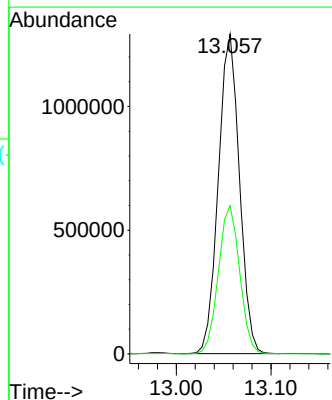
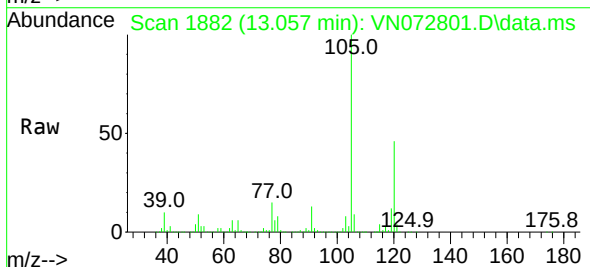
Manual Integrations
APPROVED

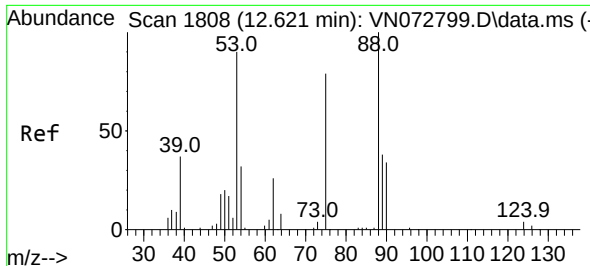
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 170.010 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

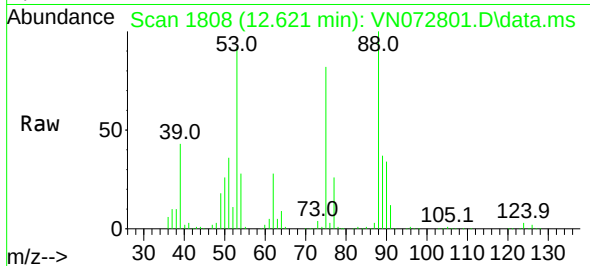
Tgt Ion:105 Resp: 1997764
Ion Ratio Lower Upper
105 100
120 46.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 210.621 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

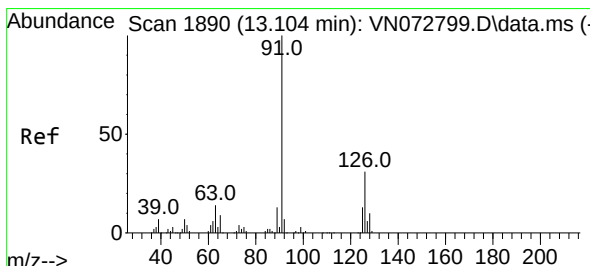
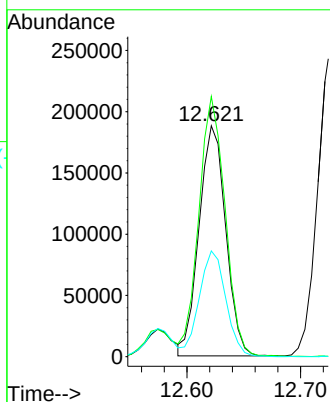
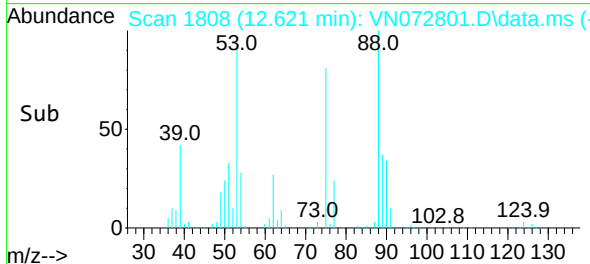
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 30615
Ion Ratio Lower Upper
75 100
53 111.9 78.0 117.0
89 46.2 37.2 55.8

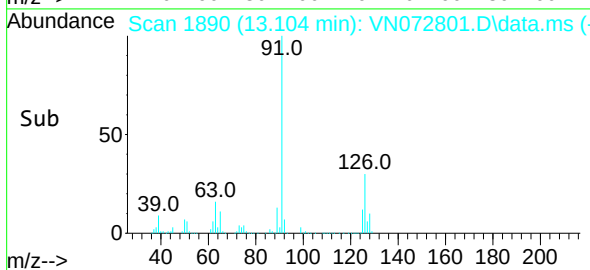
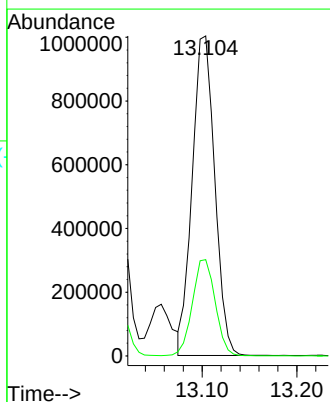
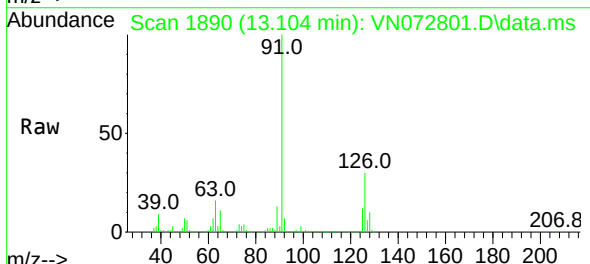
Manual Integrations
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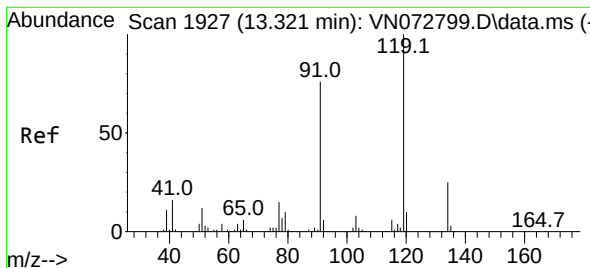
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#82
4-Chlorotoluene
Concen: 172.325 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion: 91 Resp: 1655631
Ion Ratio Lower Upper
91 100
126 30.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 170.117 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 175331

Ion Ratio Lower Upper

119 100

91 75.3 31.6 94.8

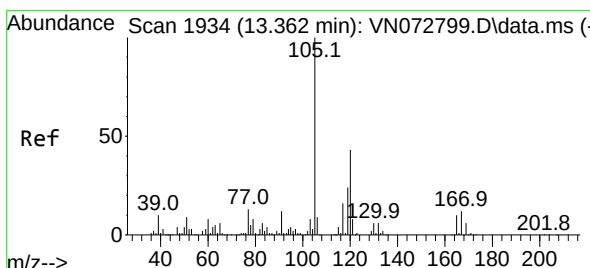
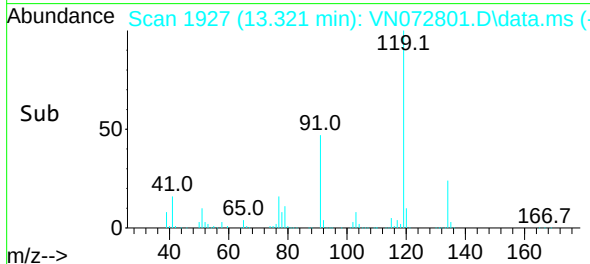
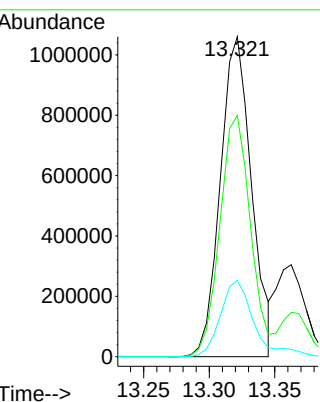
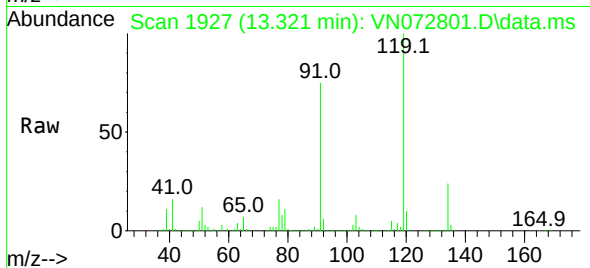
134 25.7 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#84

1,2,4-Trimethylbenzene

Concen: 170.776 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: VN072801.D

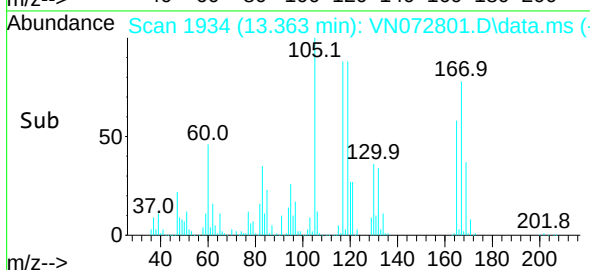
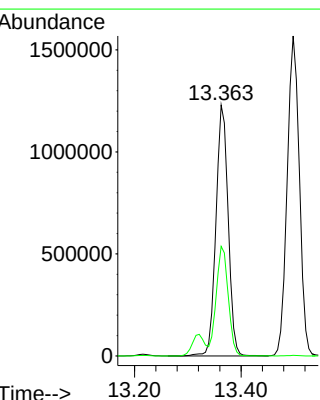
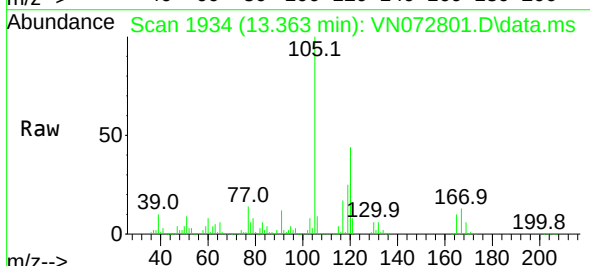
Acq: 13 Jun 2022 12:39

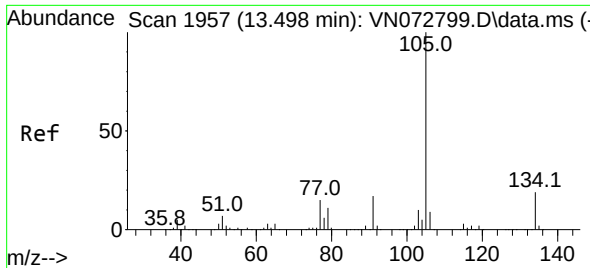
Tgt Ion:105 Resp: 1962283

Ion Ratio Lower Upper

105 100

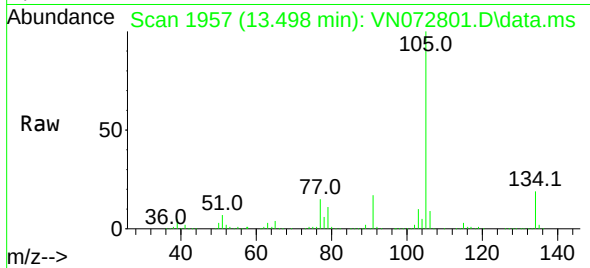
120 42.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 179.895 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072801.D
 Acq: 13 Jun 2022 12:39

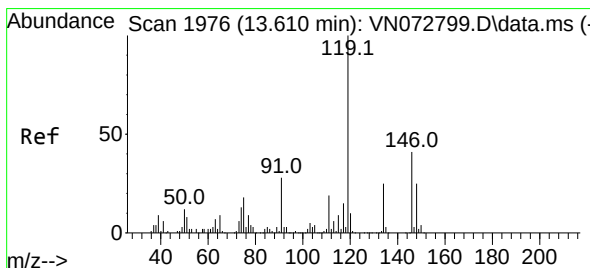
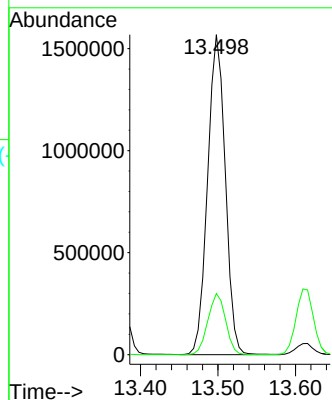
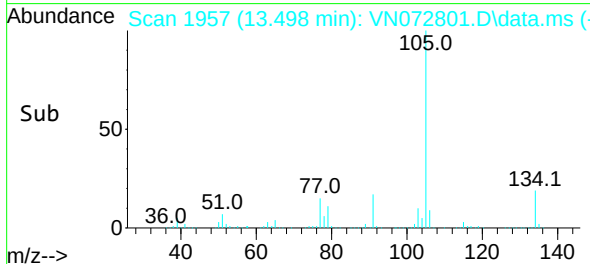
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



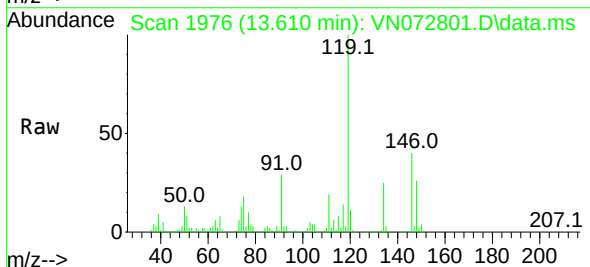
Tgt Ion:105 Resp: 2491336
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

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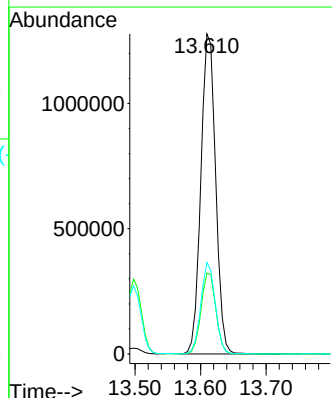
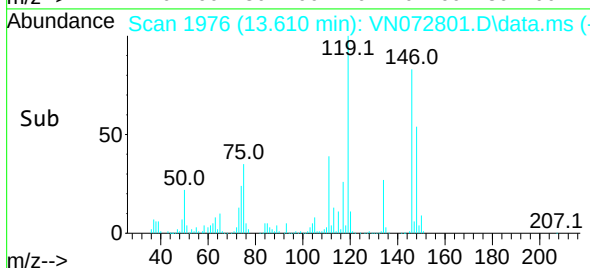
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

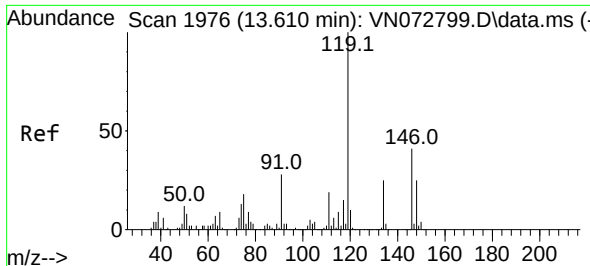


#86
 p-Isopropyltoluene
 Concen: 186.817 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072801.D
 Acq: 13 Jun 2022 12:39



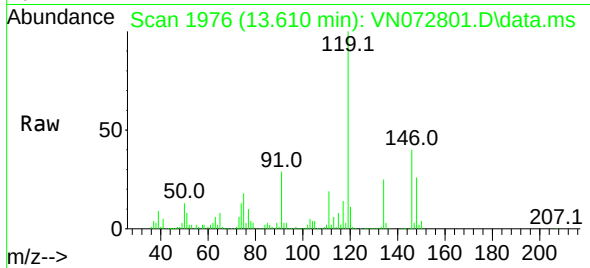
Tgt Ion:119 Resp: 2007511
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 27.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 149.366 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

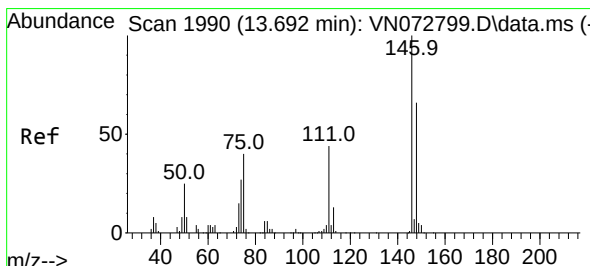
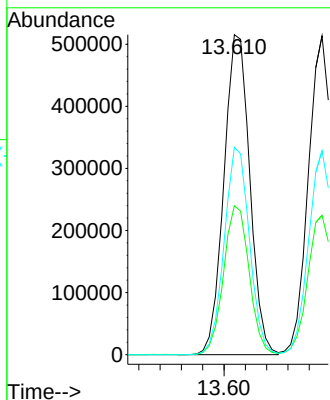
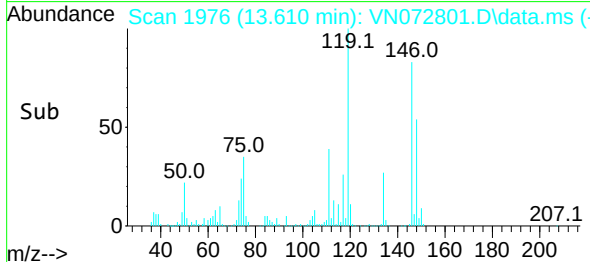
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



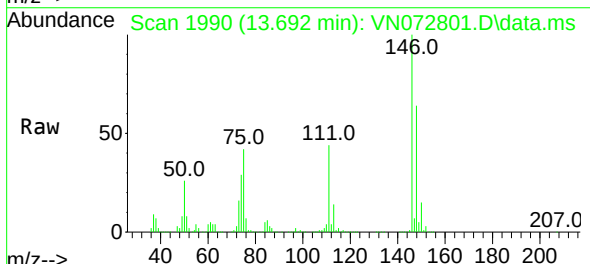
Tgt Ion:146 Resp: 868384
Ion Ratio Lower Upper
146 100
111 46.0 20.0 60.0
148 63.3 32.0 96.0

Manual Integrations
APPROVED

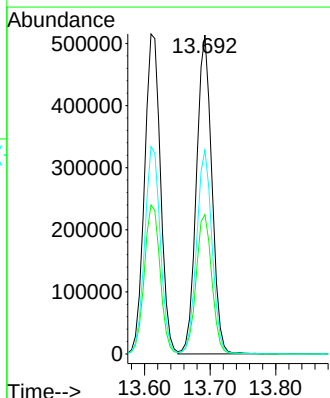
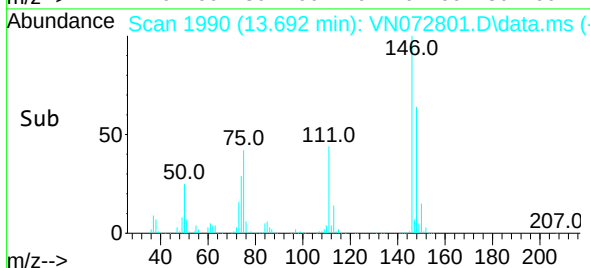
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

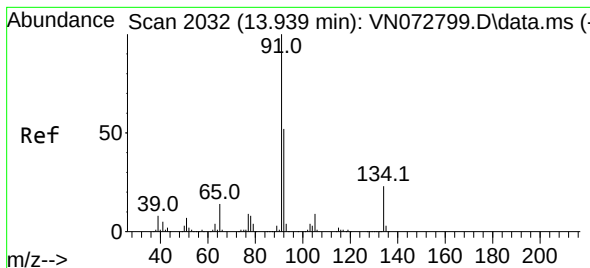


#88
1,4-Dichlorobenzene
Concen: 144.538 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion:146 Resp: 839197
Ion Ratio Lower Upper
146 100
111 45.0 19.1 57.1
148 64.1 31.4 94.3





#89

n-Butylbenzene

Concen: 215.427 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 180860

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

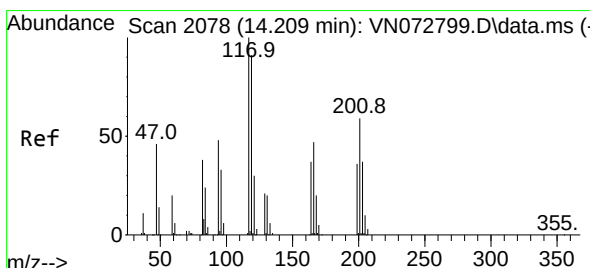
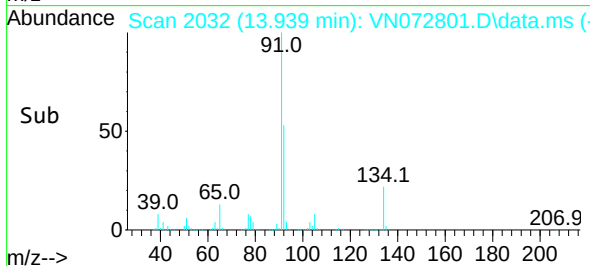
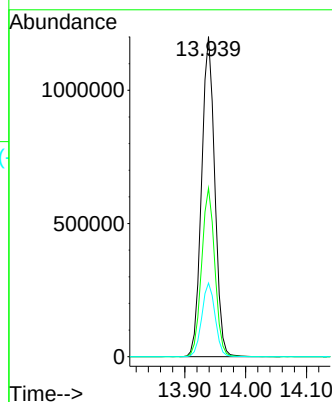
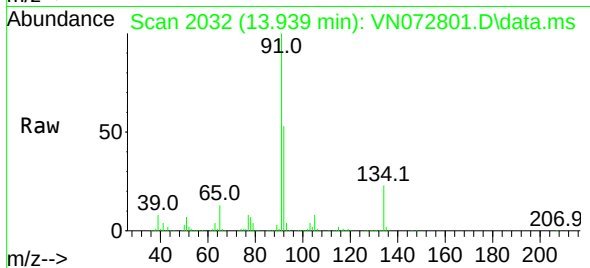
134 23.3 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#90

Hexachloroethane

Concen: 187.257 ug/l

RT: 14.210 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VN072801.D

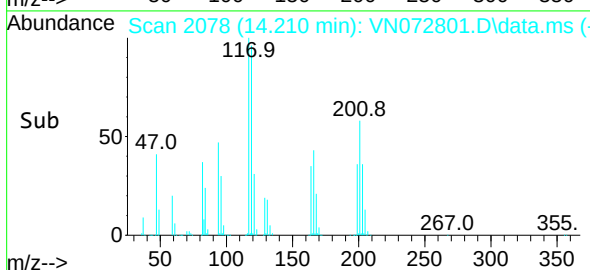
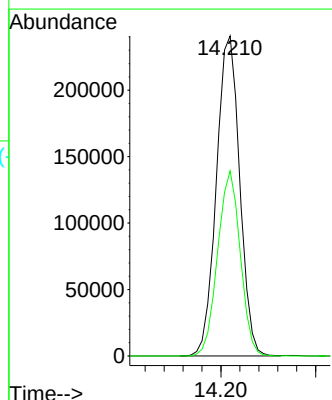
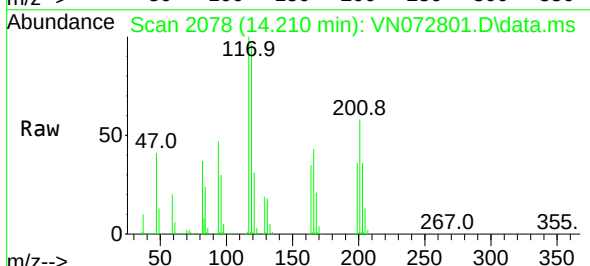
Acq: 13 Jun 2022 12:39

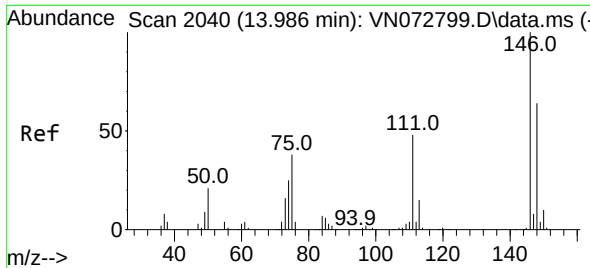
Tgt Ion:117 Resp: 411425

Ion Ratio Lower Upper

117 100

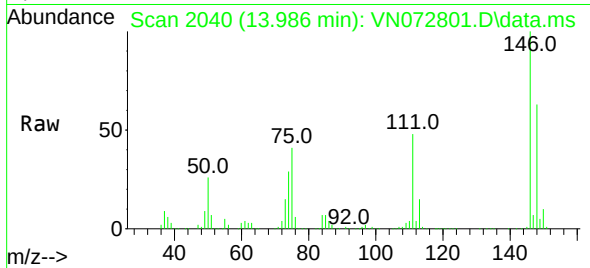
201 56.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 143.628 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

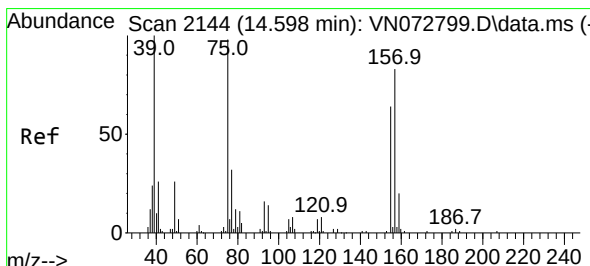
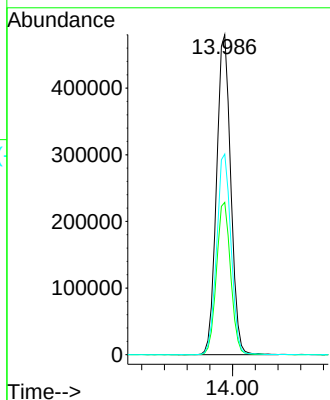
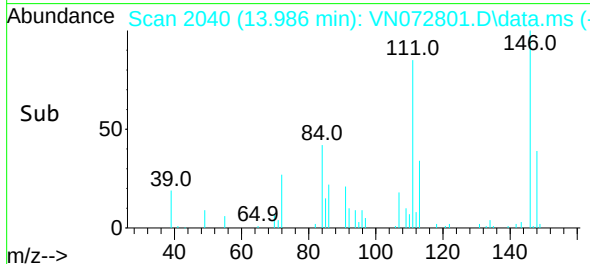
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



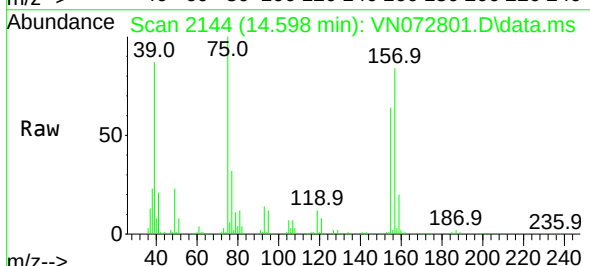
Tgt Ion:146 Resp: 83405
Ion Ratio Lower Upper
146 100
111 47.5 20.9 62.8
148 63.3 32.1 96.3

Manual Integrations
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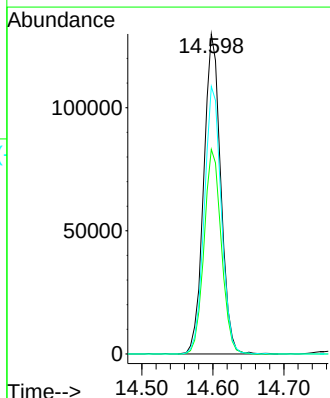
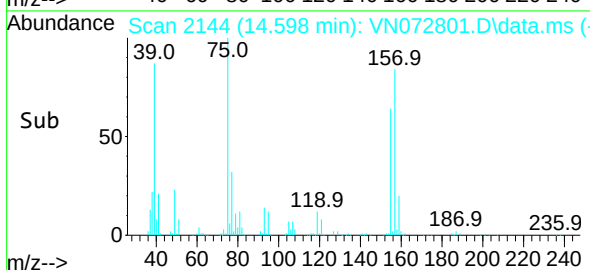
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

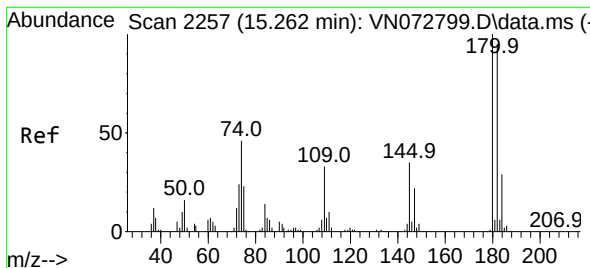


#92
1,2-Dibromo-3-Chloropropane
Concen: 224.817 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39



Tgt Ion: 75 Resp: 216185
Ion Ratio Lower Upper
75 100
155 64.8 44.9 134.5
157 83.5 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 202.508 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

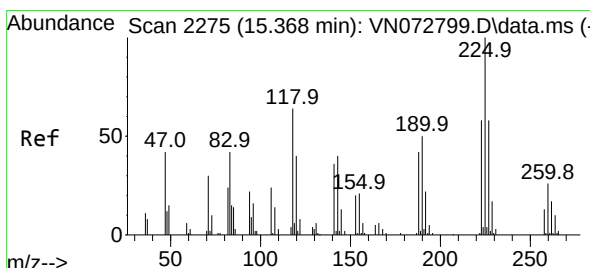
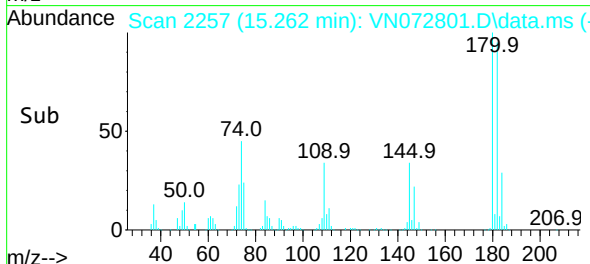
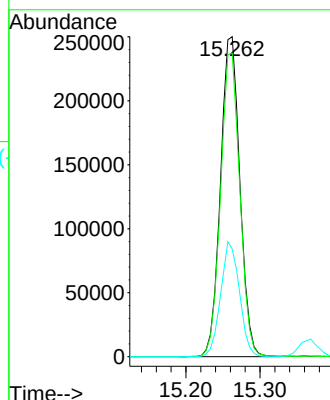
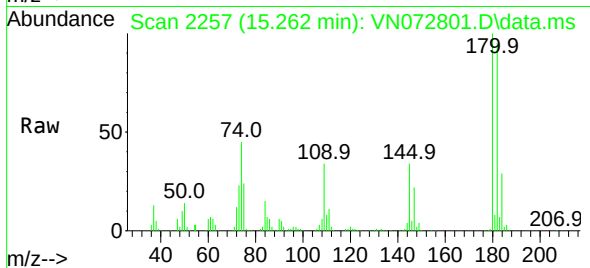
Tgt Ion:180 Resp: 45421
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.5 142.5
 145 34.8 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#94

Hexachlorobutadiene

Concen: 129.195 ug/l

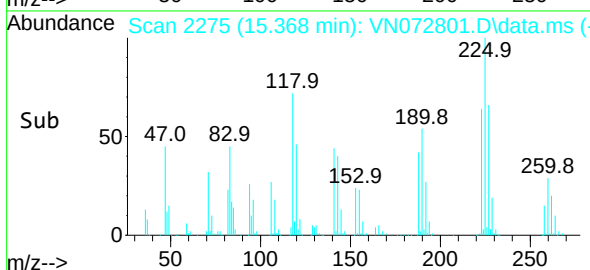
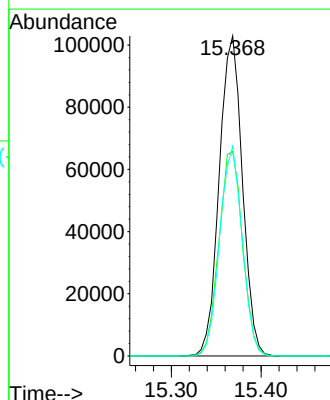
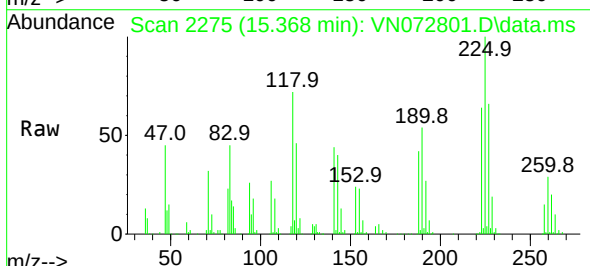
RT: 15.368 min Scan# 2275

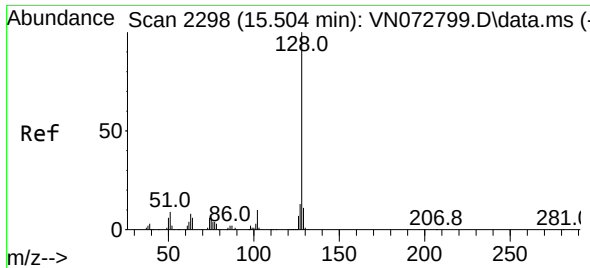
Delta R.T. 0.000 min

Lab File: VN072801.D

Acq: 13 Jun 2022 12:39

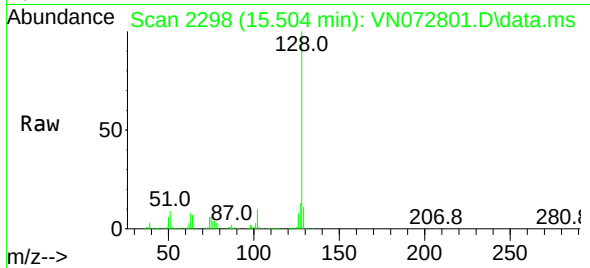
Tgt Ion:225 Resp: 184284
 Ion Ratio Lower Upper
 225 100
 223 65.4 32.4 97.2
 227 63.8 31.8 95.4





#95
Naphthalene
Concen: 266.009 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

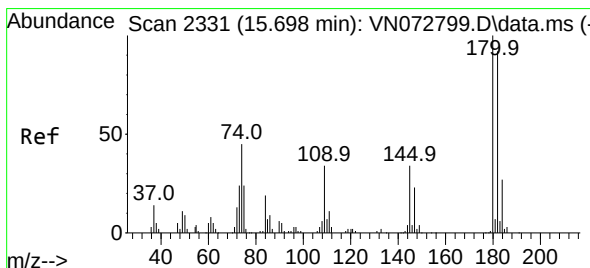
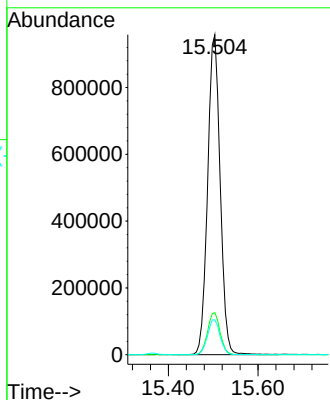
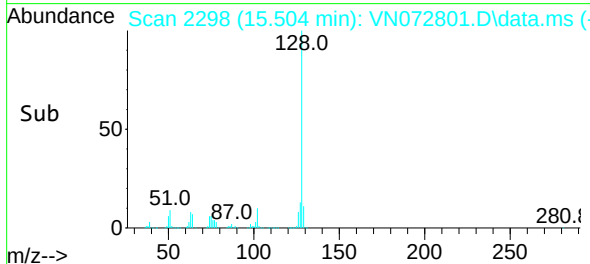
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 1850900
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 203.282 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072801.D
Acq: 13 Jun 2022 12:39

Tgt Ion:180 Resp: 460726
Ion Ratio Lower Upper
180 100
182 93.5 47.8 143.3
145 36.3 15.5 46.5

