

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068688.D
 Acq On : 26 Sep 2021 1:08
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:01:33 AM

Quant Time: Sep 27 06:53:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 06:50:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	139416	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	769156	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	754800	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	323408	36.901	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 123.000%#			
60) 4-Bromofluorobenzene	12.733	95	373211	34.241	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 114.133%#			
63) Toluene-d8	10.443	98	1005942	30.200	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	1201637	178.661	ug/l	98
3) Chloromethane	2.298	50	1652587	234.746	ug/l	98
4) Vinyl Chloride	2.440	62	1667058	161.636	ug/l	99
5) Bromomethane	2.815	94	702707	75.256	ug/l	98
6) Chloroethane	2.990	64	883756	121.388	ug/l	99
7) Trichlorofluoromethane	3.360	101	2038758	162.184	ug/l	97
8) Diethyl Ether	3.821	74	801463	197.337	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.207	101	1137067	160.325	ug/l	98
10) 1,1-Dichloroethene	4.178	96	1135484	171.765	ug/l	95
11) Methyl Iodide	4.419	142	1526275	152.636	ug/l	98
12) Methyl Acetate	4.848	43	2470814	290.902	ug/l	99
13) Acrolein	4.038	56	357773	689.518	ug/l #	27
14) Acrylonitrile	5.551	53	3830003	1179.345	ug/l	99
15) Acetone	4.285	58	907923	1058.220	ug/l	95
16) Carbon Disulfide	4.529	76	3450427	195.872	ug/l	99
17) Allyl chloride	4.838	41	2392037	260.182	ug/l	91
18) Methylene Chloride	5.095	84	1341663	168.362	ug/l	96
19) trans-1,2-Dichloroethene	5.597	96	1230157	165.826	ug/l	94
20) Diisopropyl ether	6.495	45	4920163	242.855	ug/l	97
21) 1,1-Dichloroethane	6.388	63	2527303	197.789	ug/l	99
22) cis-1,2-Dichloroethene	7.324	96	1475915	166.434	ug/l	99
23) tert-Butyl Alcohol	5.371	59	1263975	1016.107	ug/l #	100
24) Methyl tert-Butyl Ether	5.613	73	4310711	187.316	ug/l	100
25) Chloroform	7.817	83	2467180	168.628	ug/l	98
26) Cyclohexane	8.096	56	2406278	220.741	ug/l #	96
29) 1,1-Dichloropropene	8.222	75	1940313	179.962	ug/l	99
30) 2-Butanone	7.332	43	5380016	1202.898	ug/l	100
31) 2,2-Dichloropropane	7.327	77	1627129	138.836	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	2184452	153.521	ug/l	98
33) Carbon Tetrachloride	8.206	117	1942340	146.817	ug/l	100
34) Benzene	8.461	78	5725658	174.619	ug/l	96
35) Methacrylonitrile	7.635	41	1113397	251.545	ug/l	98
36) 1,2-Dichloroethane	8.531	62	2053977	183.399	ug/l	100
37) Trichloroethene	9.217	130	1410762	140.284	ug/l	100
38) Methylcyclohexane	9.461	83	2404710	176.414	ug/l	99
39) 1,2-Dichloropropane	9.491	63	1560563	197.001	ug/l	99
40) Dibromomethane	9.577	93	970037	155.600	ug/l	99
41) Bromodichloromethane	9.764	83	2027185	167.112	ug/l	98
42) Vinyl Acetate	6.431	43	19581237	1190.195	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068688.D
 Acq On : 26 Sep 2021 1:08
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

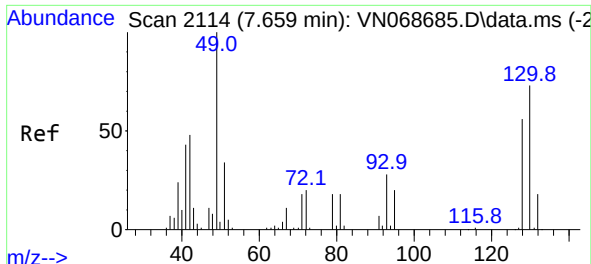
Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:01:33 AM

Quant Time: Sep 27 06:53:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 06:50:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	2190606	232.833	ug/l	95
44) Isopropyl Acetate	8.560	43	3777919	235.202	ug/l	98
45) 1,4-Dioxane	9.569	88	489245	3316.860	ug/l	96
46) Methyl methacrylate	9.561	41	1746160	265.717	ug/l	93
47) n-amyl Acetate	12.387	43	3271463	286.341	ug/l	97
48) t-1,3-Dichloropropene	10.719	75	2345479	189.159	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	2430095	183.224	ug/l	96
50) 1,1,2-Trichloroethane	10.899	97	1409444	157.253	ug/l	98
51) Ethyl methacrylate	10.762	69	2549864	212.787	ug/l	94
52) 1,3-Dichloropropane	11.046	76	2496966	182.943	ug/l	99
53) Dibromochloromethane	11.240	129	1599983	148.367	ug/l	99
54) 1,2-Dibromoethane	11.347	107	1496869	157.218	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	3482815	1575.996	ug/l	99
56) Bromoform	12.460	173	1161368	135.673	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	11846358	1163.409	ug/l	98
59) 2-Hexanone	11.087	43	8499130	1196.427	ug/l	98
61) Tetrachloroethene	10.979	164	1230732	116.145	ug/l	97
62) Toluene	10.507	91	6277683	153.577	ug/l	99
64) Chlorobenzene	11.771	112	3987122	150.430	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	1457875	136.650	ug/l	98
66) Ethyl Benzene	11.846	91	7300333	164.365	ug/l	99
67) m/p-Xylenes	11.956	106	5590007	311.305	ug/l	100
68) o-Xylene	12.283	106	2802056	157.541	ug/l	98
69) Styrene	12.296	104	4629579	164.691	ug/l	98
70) Isopropylbenzene	12.581	105	7186614	159.449	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	2060120	164.305	ug/l	100
72) 1,2,3-Trichloropropane	12.881	75	2016117m	191.092	ug/l	
73) Bromobenzene	12.862	156	1613472	129.606	ug/l	95
74) n-propylbenzene	12.921	91	8332949	169.670	ug/l	100
75) 2-Chlorotoluene	13.010	91	4907819	166.152	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	5790775	154.101	ug/l	100
77) t-1,4-Dichloro-2-butene	12.626	75	709288	202.887	ug/l	91
78) 4-Chlorotoluene	13.106	91	4807133	169.922	ug/l	98
79) tert-butylbenzene	13.326	119	5175803	151.394	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	5661393m	155.531	ug/l	
81) sec-Butylbenzene	13.503	105	7330369	160.969	ug/l	100
82) p-Isopropyltoluene	13.616	119	5999698	154.353	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	2854168	132.161	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	2773775	133.723	ug/l	100
85) n-Butylbenzene	13.943	91	5160838	181.897	ug/l	98
86) Hexachloroethane	14.211	117	1159509	160.721	ug/l	98
87) 1,2-Dichlorobenzene	13.989	146	2658515	128.067	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	414710	189.875	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	1493492	145.314	ug/l	99
90) Hexachlorobutadiene	15.372	225	674150	107.078	ug/l	99
91) Naphthalene	15.507	128	4297127	188.135	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	1412079	145.714	ug/l	100

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



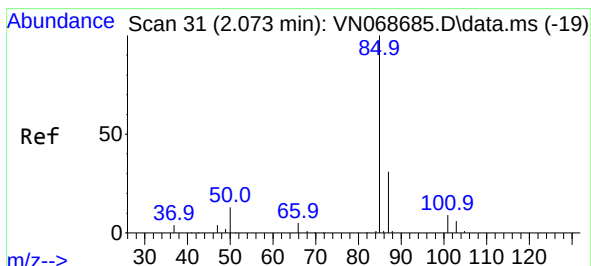
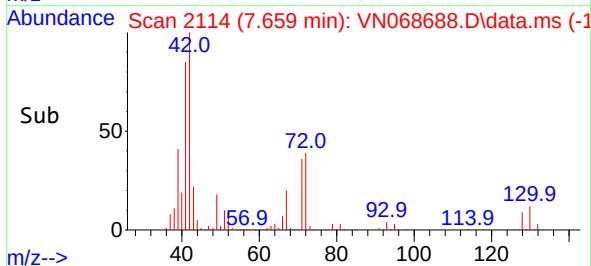
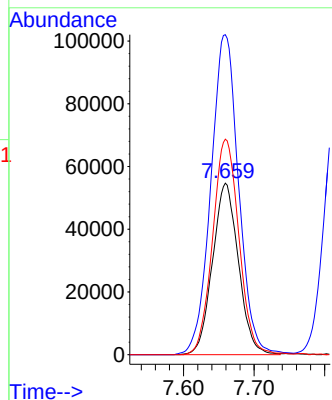
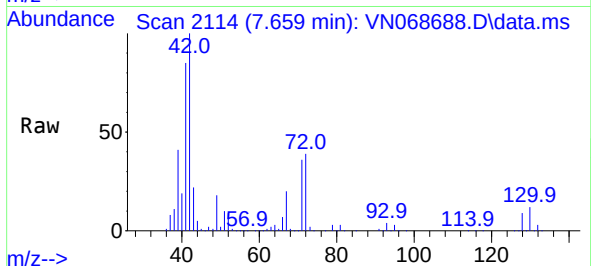
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion:128 Resp: 139416
Ion Ratio Lower Upper
128 100
49 200.4 0.0 450.0
130 127.7 0.0 319.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

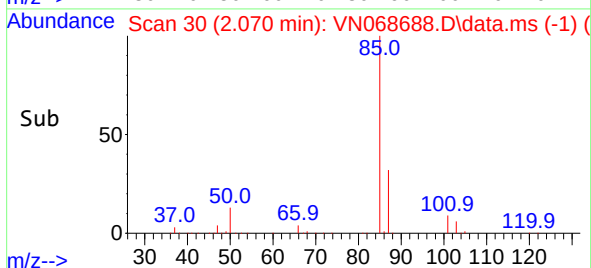
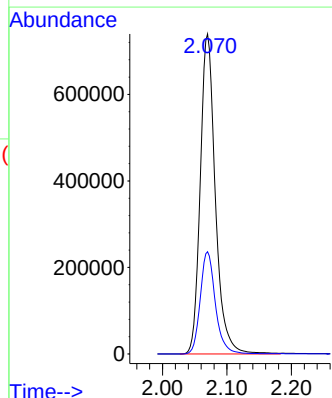
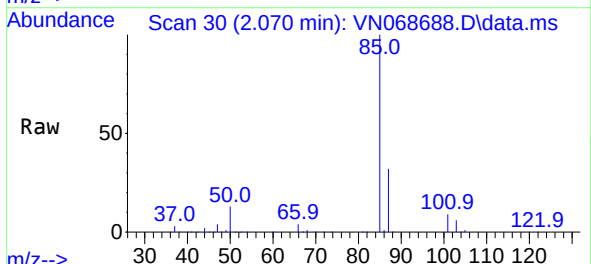
Manual Integrations
APPROVED

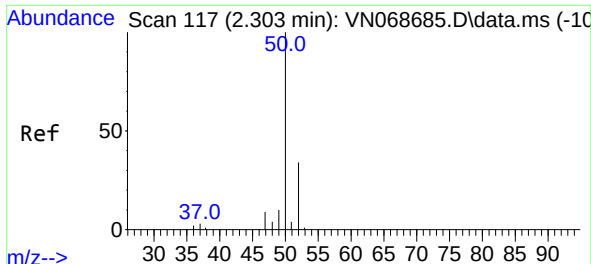
MMDadoda
9/27/2021 11:01:33 AM



#2
Dichlorodifluoromethane
Concen: 178.661 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 85 Resp: 1201637
Ion Ratio Lower Upper
85 100
87 32.0 15.3 45.9





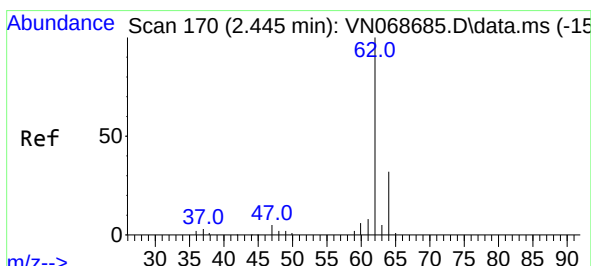
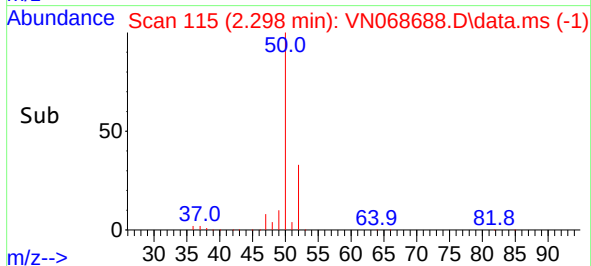
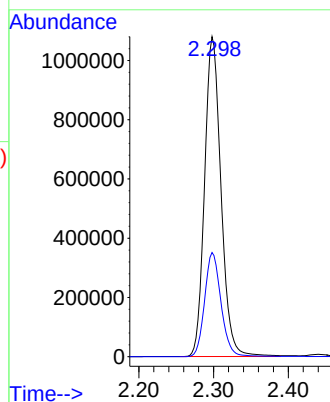
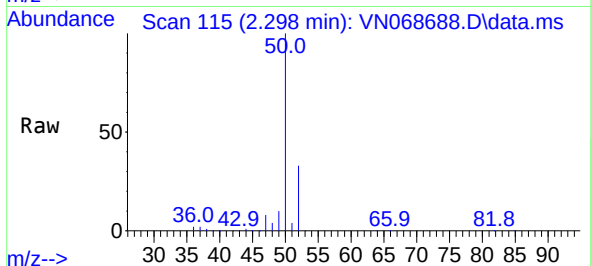
#3
Chloromethane
Concen: 234.746 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 50 Resp: 1652587
Ion Ratio Lower Upper
50 100
52 32.6 27.0 40.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

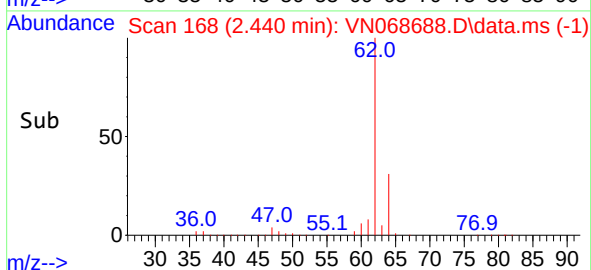
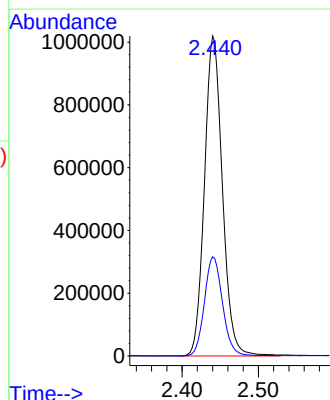
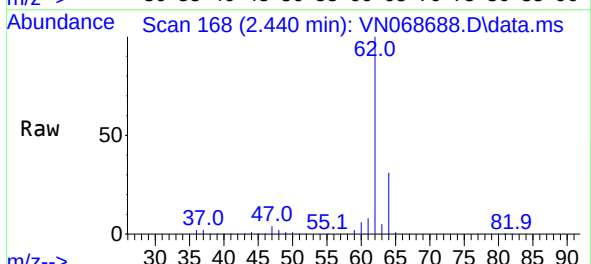
Manual Integrations
APPROVED

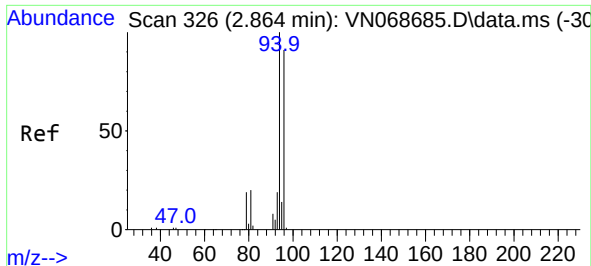
MMDadoda
9/27/2021 11:01:33 AM



#4
Vinyl Chloride
Concen: 161.636 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 62 Resp: 1667058
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





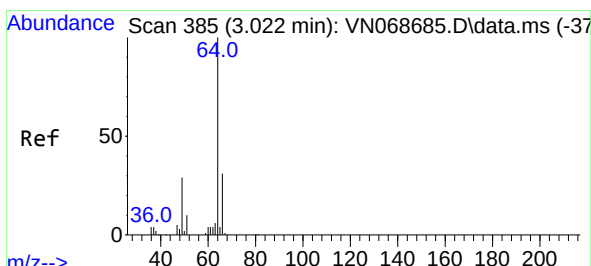
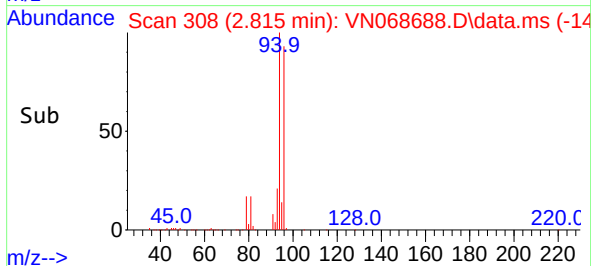
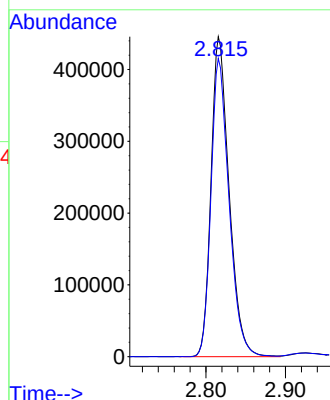
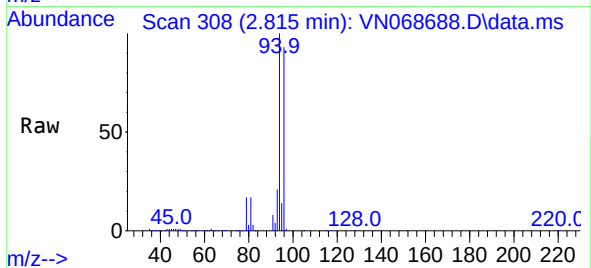
#5
Bromomethane
Concen: 75.256 ug/l
RT: 2.815 min Scan# 308
Delta R.T. -0.048 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 94 Resp: 702707
Ion Ratio Lower Upper
94 100
96 93.2 73.0 109.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

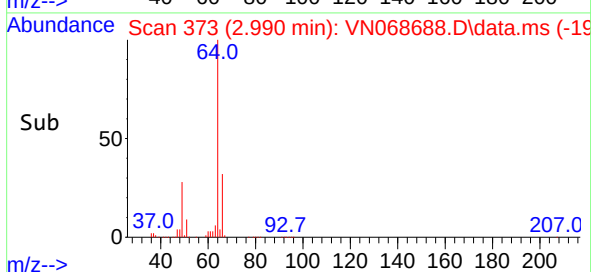
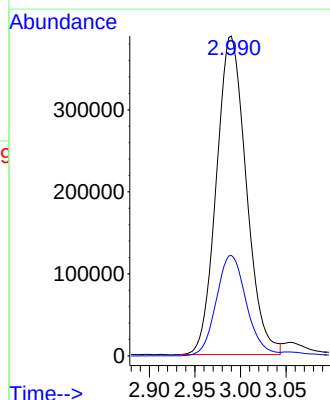
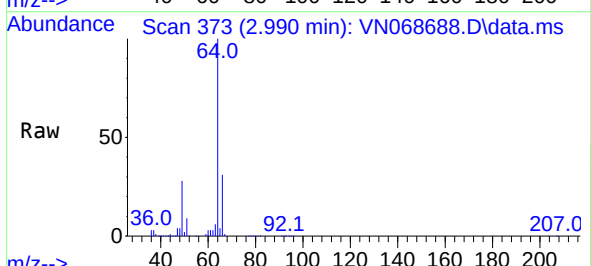
Manual Integrations
APPROVED

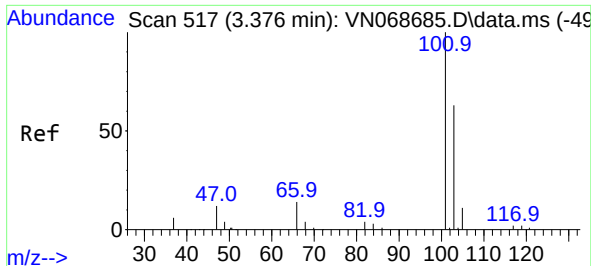
MMDadoda
9/27/2021 11:01:33 AM



#6
Chloroethane
Concen: 121.388 ug/l
RT: 2.990 min Scan# 373
Delta R.T. -0.032 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 64 Resp: 883756
Ion Ratio Lower Upper
64 100
66 31.5 24.9 37.3





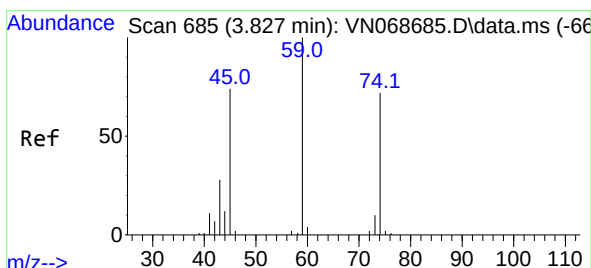
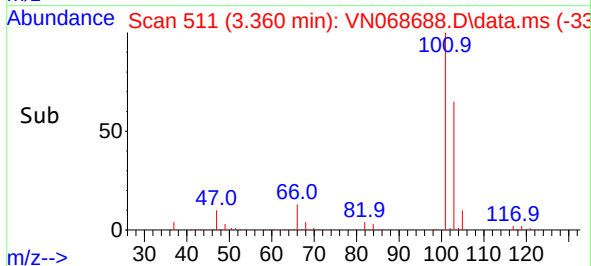
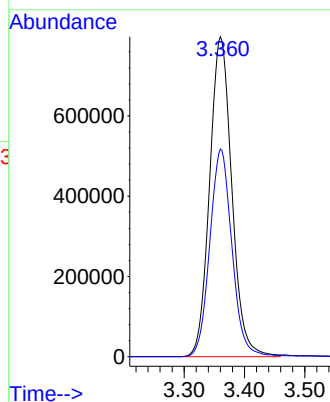
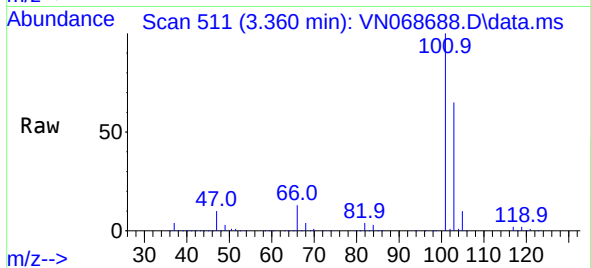
#7
Trichlorofluoromethane
Concen: 162.184 ug/l
RT: 3.360 min Scan# 511
Delta R.T. -0.016 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 2038758
Ion Ratio Lower Upper
101 100
103 64.9 50.2 75.2

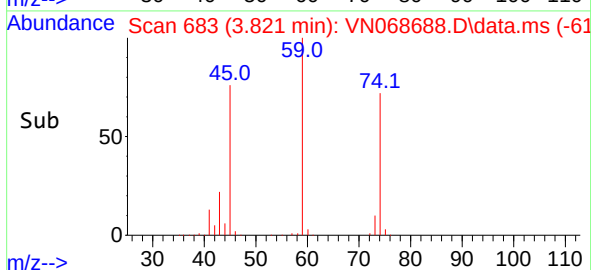
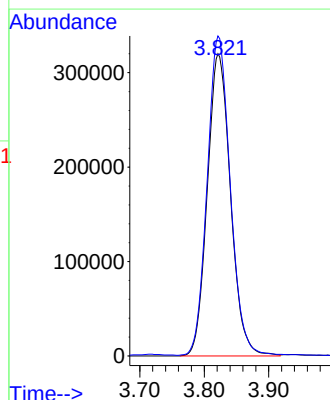
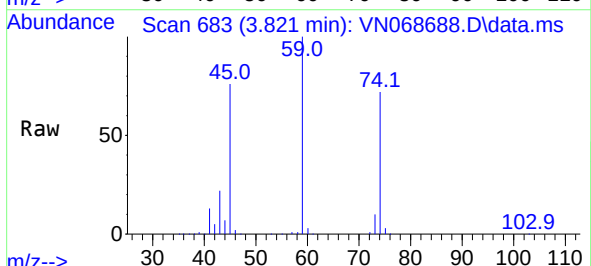
Manual Integrations
APPROVED

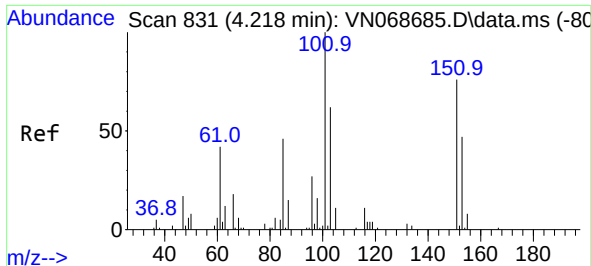
MMDadoda
9/27/2021 11:01:33 AM



#8
Diethyl Ether
Concen: 197.337 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 74 Resp: 801463
Ion Ratio Lower Upper
74 100
45 104.6 21.2 191.0





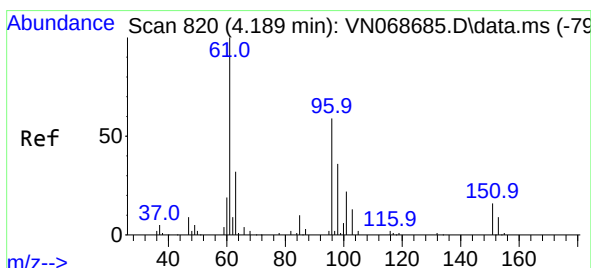
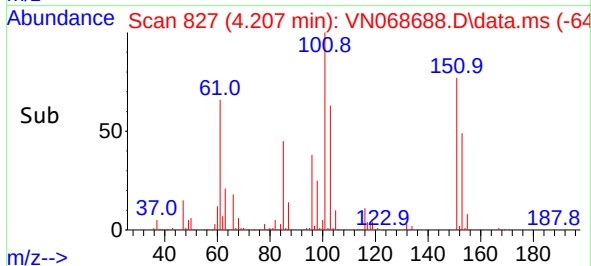
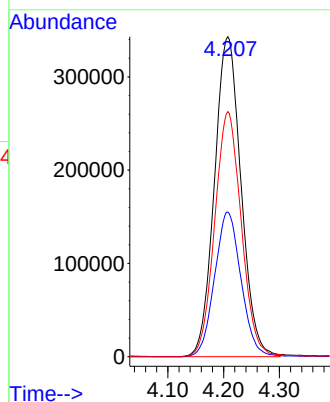
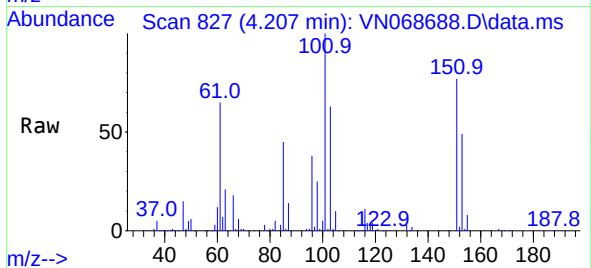
#9
1,1,2-Trichlorotrifluoroethane
Concen: 160.325 ug/l
RT: 4.207 min Scan# 827
Delta R.T. -0.011 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 1137067
Ion Ratio Lower Upper
101 100
85 44.9 0.0 94.8
151 76.5 0.0 156.0

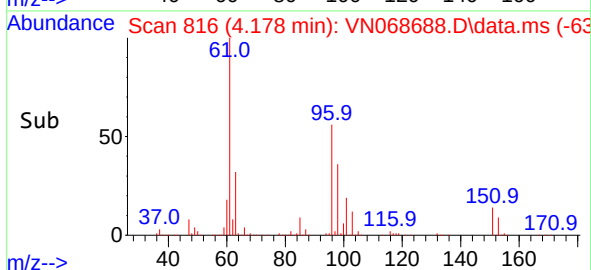
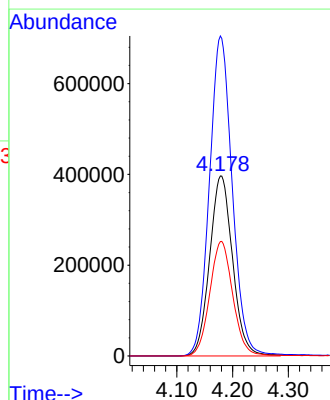
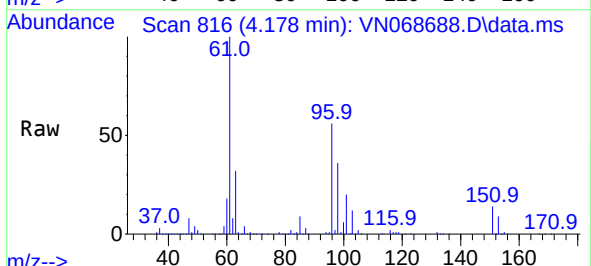
Manual Integrations
APPROVED

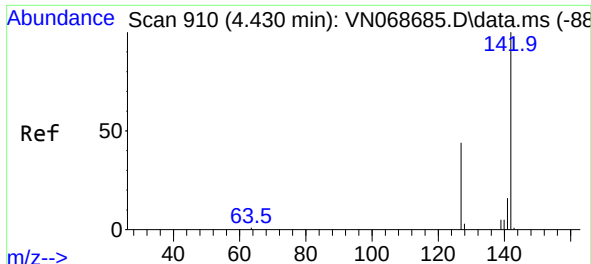
MMDadoda
9/27/2021 11:01:33 AM



#10
1,1-Dichloroethene
Concen: 171.765 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.011 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

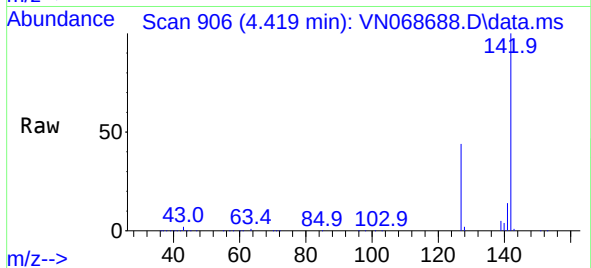
Tgt Ion: 96 Resp: 1135484
Ion Ratio Lower Upper
96 100
61 177.7 136.2 204.4
98 63.5 49.4 74.0





#11
Methyl Iodide
Concen: 152.636 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.011 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

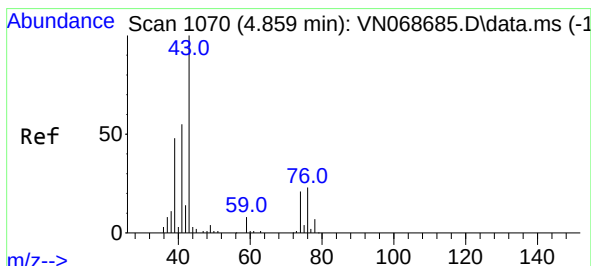
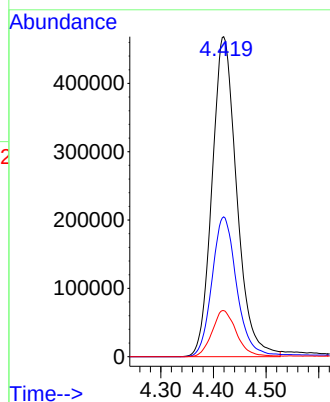
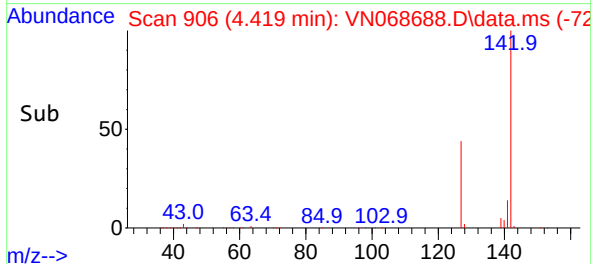
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



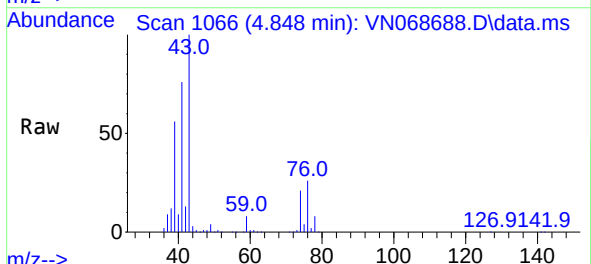
Tgt Ion:142 Resp: 1526275
Ion Ratio Lower Upper
142 100
127 43.7 22.1 66.5
141 14.4 8.2 24.6

Manual Integrations
APPROVED

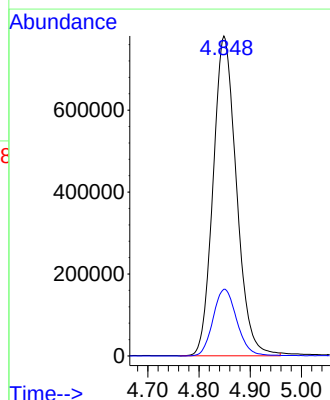
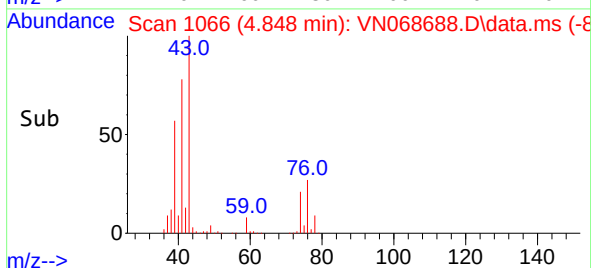
MMDadoda
9/27/2021 11:01:33 AM

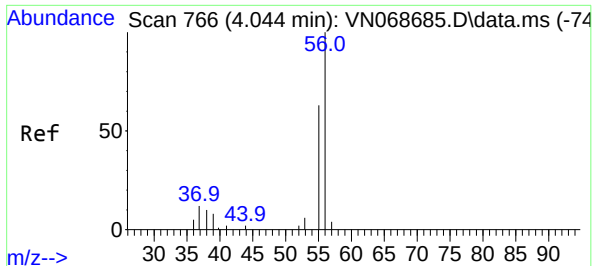


#12
Methyl Acetate
Concen: 290.902 ug/l
RT: 4.848 min Scan# 1066
Delta R.T. -0.011 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



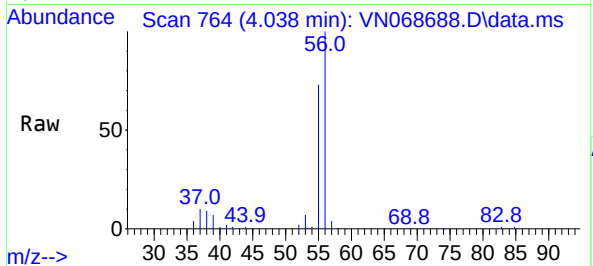
Tgt Ion: 43 Resp: 2470814
Ion Ratio Lower Upper
43 100
74 20.8 16.9 25.3





#13
Acrolein
Concen: 689.518 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

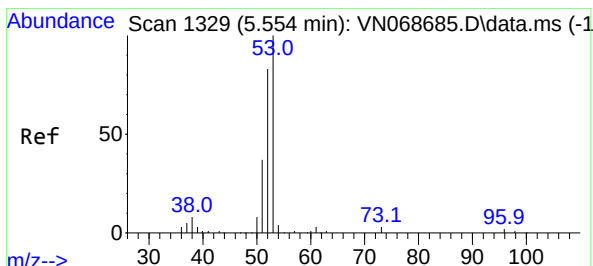
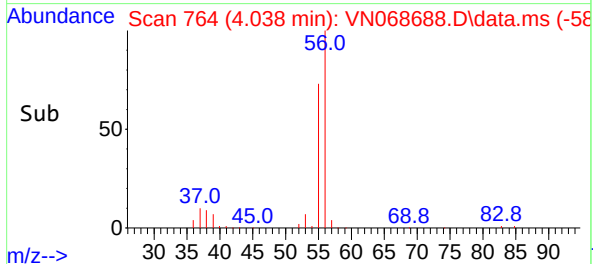
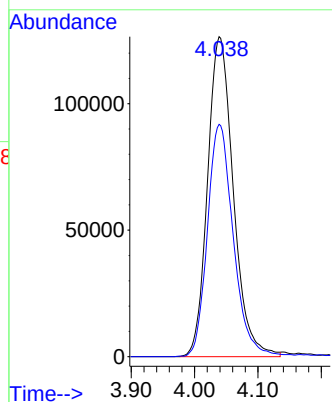
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



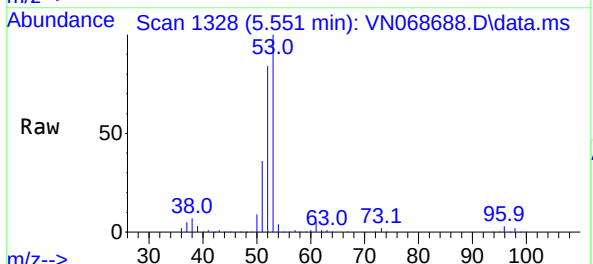
Tgt Ion: 56 Resp: 357773
Ion Ratio Lower Upper
56 100
55 72.4 25.4 38.0#

Manual Integrations
APPROVED

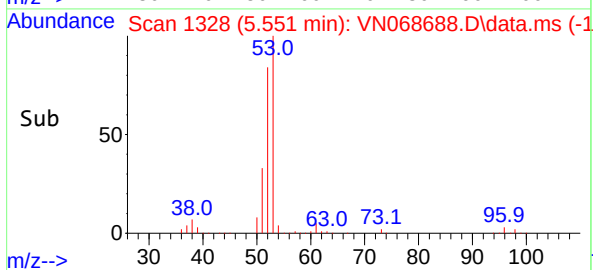
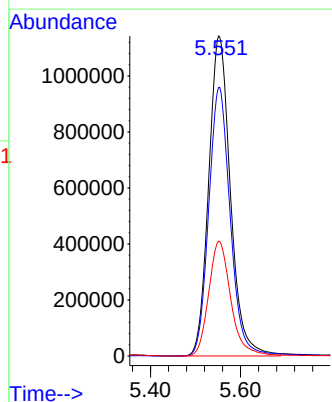
MMDadoda
9/27/2021 11:01:33 AM

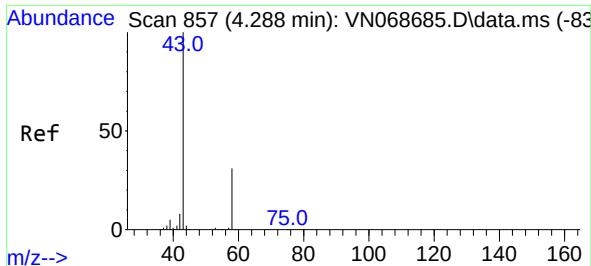


#14
Acrylonitrile
Concen: 1179.345 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



Tgt Ion: 53 Resp: 3830003
Ion Ratio Lower Upper
53 100
52 82.7 41.0 123.2
51 36.5 18.2 54.6





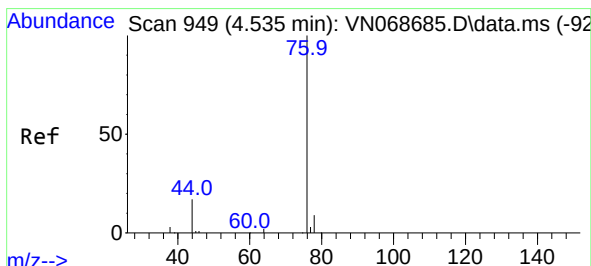
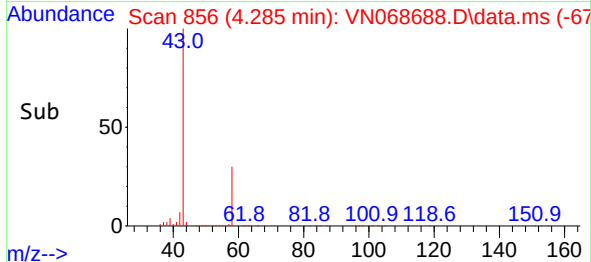
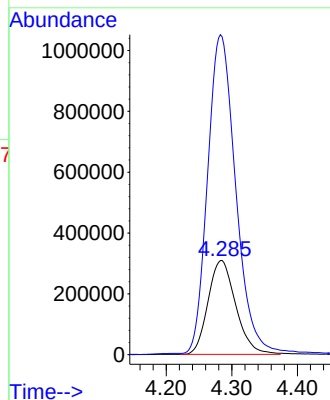
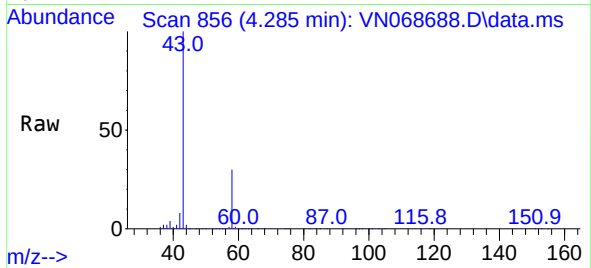
#15
Acetone
Concen: 1058.220 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 58 Resp: 907923
Ion Ratio Lower Upper
58 100
43 337.2 261.0 391.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

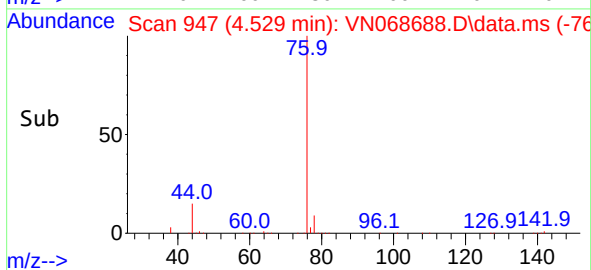
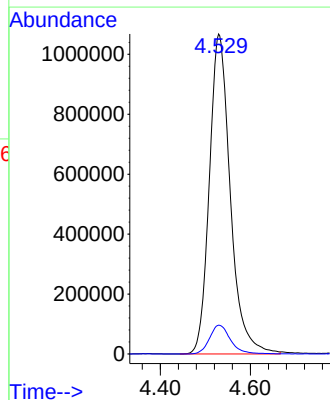
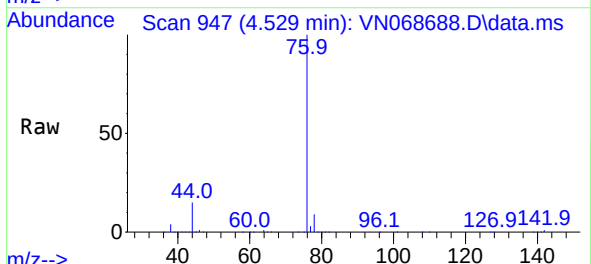
Manual Integrations
APPROVED

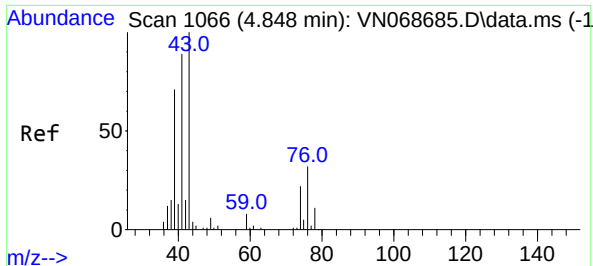
MMDadoda
9/27/2021 11:01:33 AM



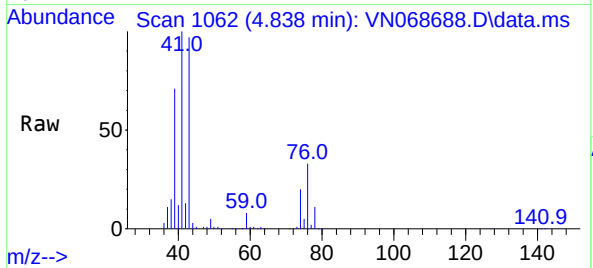
#16
Carbon Disulfide
Concen: 195.872 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 76 Resp: 3450427
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



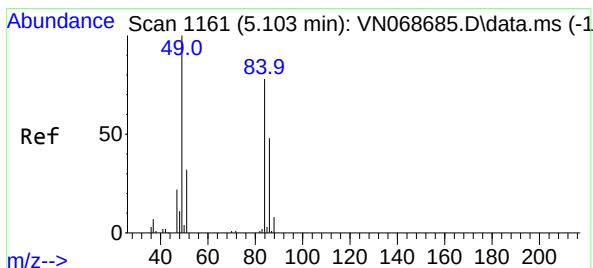
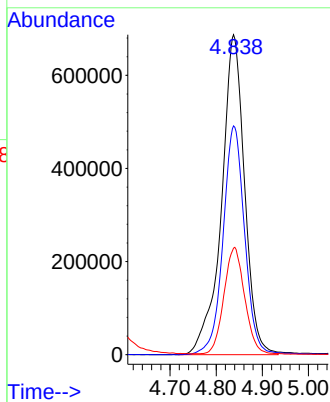
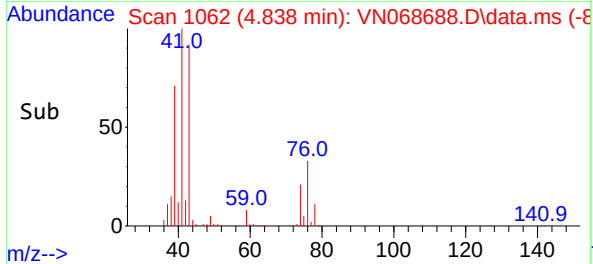


#17
 Allyl chloride
 Concen: 260.182 ug/l
 RT: 4.838 min Scan# 1062
 Delta R.T. -0.011 min
 Lab File: VN068688.D
 Acq: 26 Sep 2021 1:08

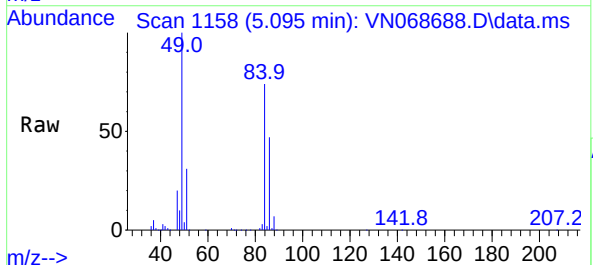


Tgt Ion: 41 Resp: 2392037

Ion	Ratio	Lower	Upper
41	100		
39	71.5	40.1	120.3
76	32.9	18.3	54.9

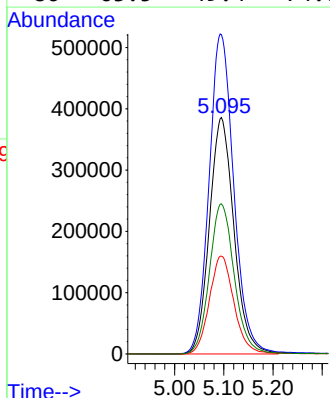
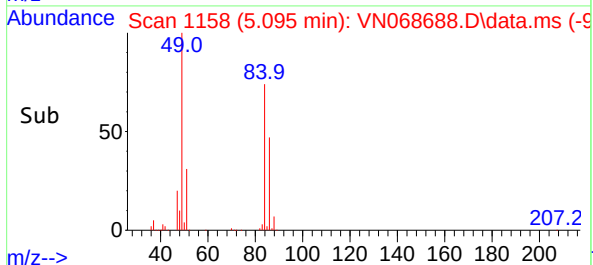


#18
 Methylene Chloride
 Concen: 168.362 ug/l
 RT: 5.095 min Scan# 1158
 Delta R.T. -0.008 min
 Lab File: VN068688.D
 Acq: 26 Sep 2021 1:08



Tgt Ion: 84 Resp: 1341663

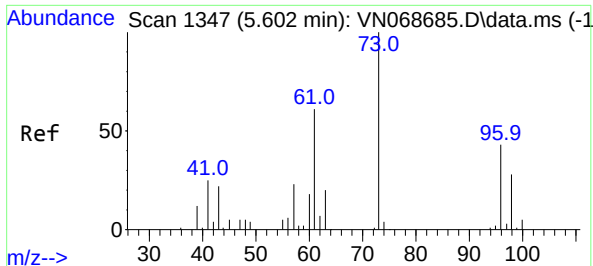
Ion	Ratio	Lower	Upper
84	100		
49	135.0	102.2	153.2
51	41.4	33.0	49.4
86	63.5	49.4	74.0



Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:01:33 AM



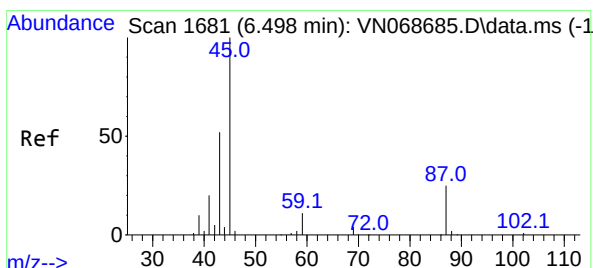
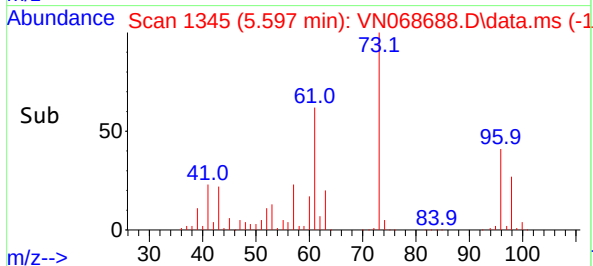
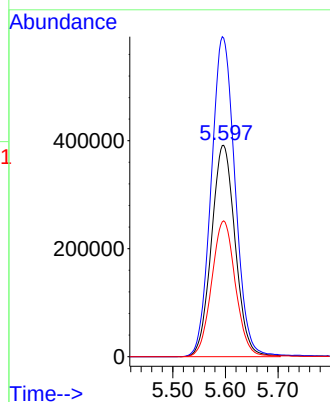
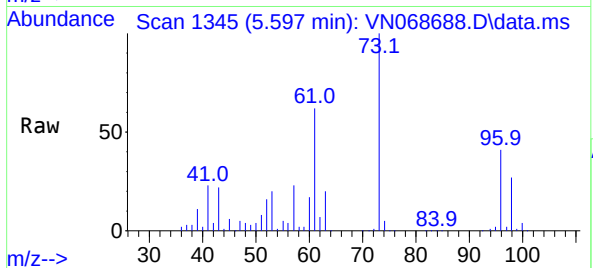
#19
trans-1,2-Dichloroethene
Concen: 165.826 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 96 Resp: 1230157
Ion Ratio Lower Upper
96 100
61 150.6 112.6 168.8
98 64.3 51.2 76.8

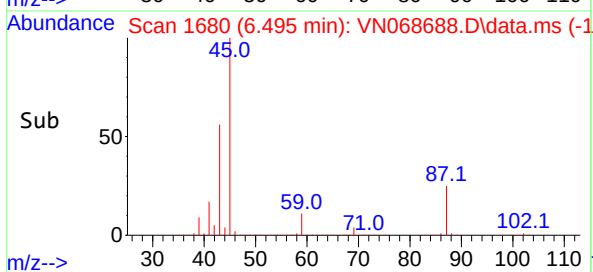
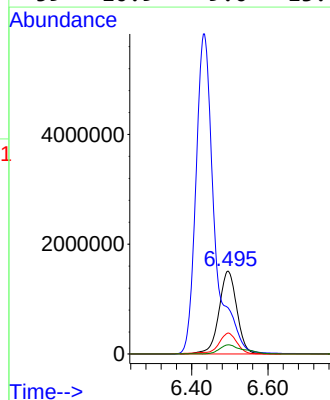
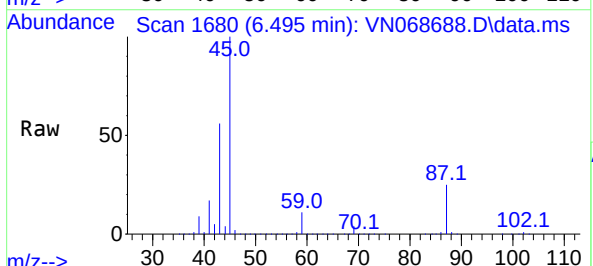
Manual Integrations
APPROVED

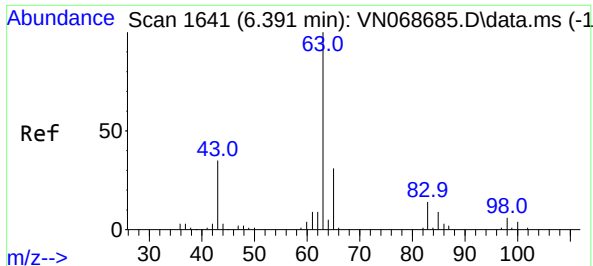
MMDadoda
9/27/2021 11:01:33 AM



#20
Diisopropyl ether
Concen: 242.855 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 45 Resp: 4920163
Ion Ratio Lower Upper
45 100
43 55.0 46.8 70.2
87 25.1 20.8 31.2
59 10.9 9.0 13.4





#21
1,1-Dichloroethane
Concen: 197.789 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

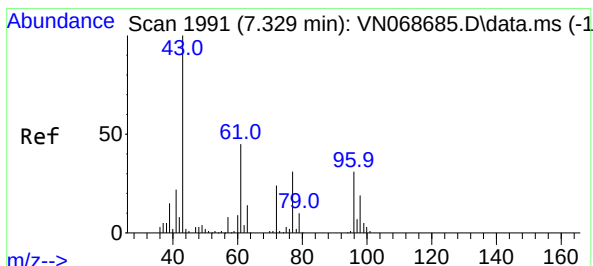
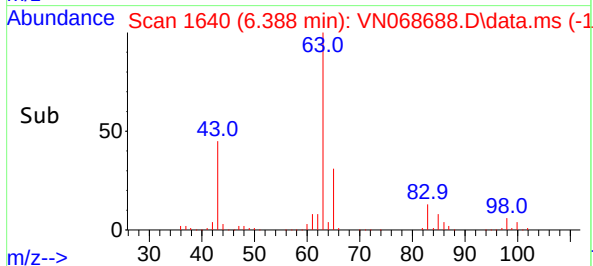
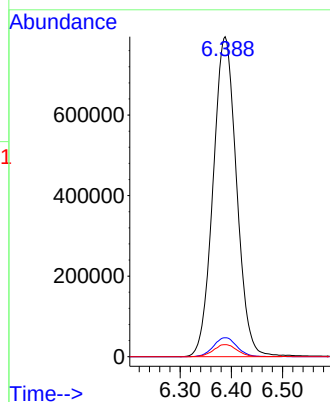
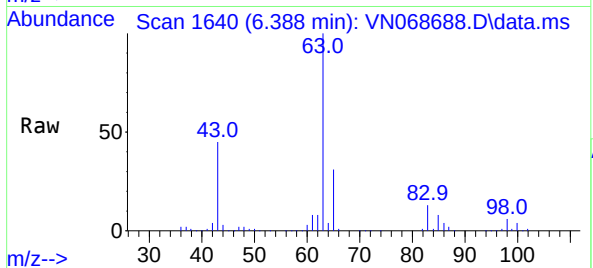
Tgt Ion: 63 Resp: 2527303

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.3	9.8
100	3.8	2.0	5.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

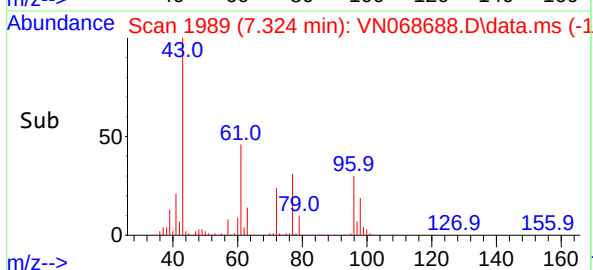
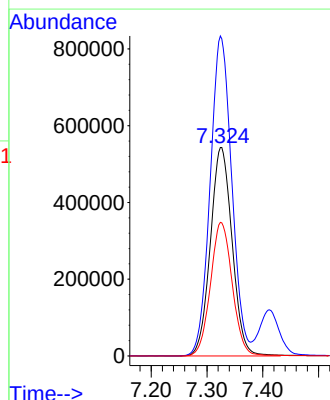
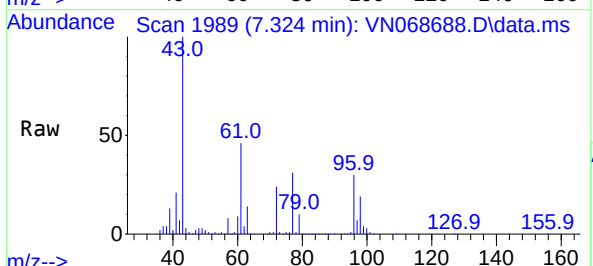
MMDadoda
9/27/2021 11:01:33 AM

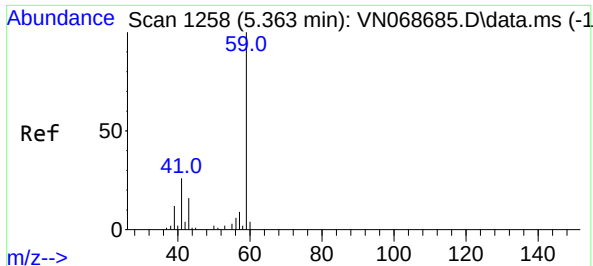


#22
cis-1,2-Dichloroethene
Concen: 166.434 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 96 Resp: 1475915

Ion	Ratio	Lower	Upper
96	100		
61	151.7	120.7	181.1
98	63.9	52.7	79.1





#23

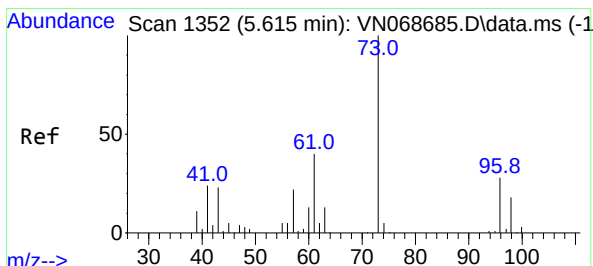
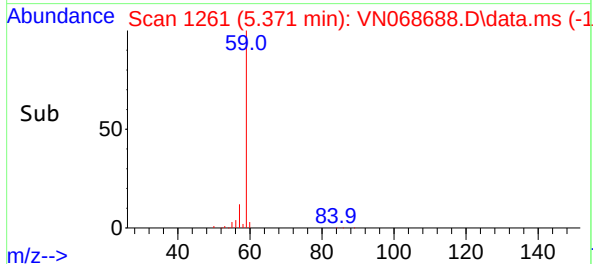
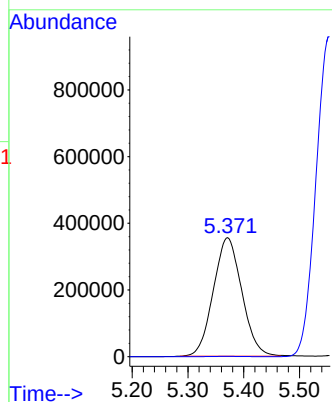
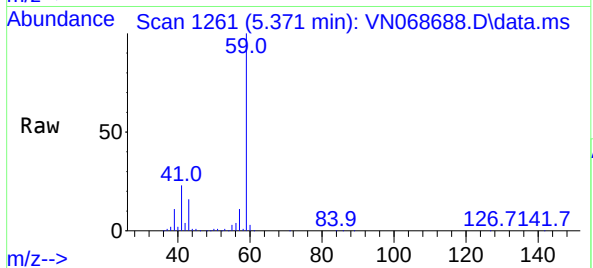
tert-Butyl Alcohol
Concen: 1016.107 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. 0.008 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 59 Resp: 1263975
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

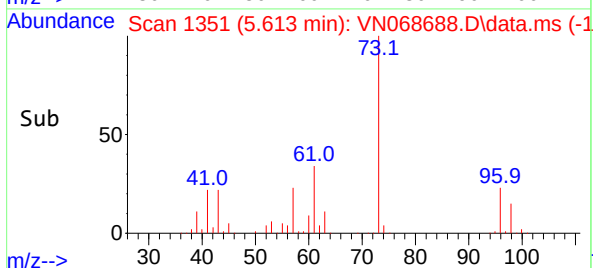
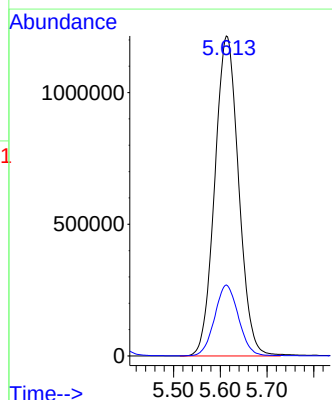
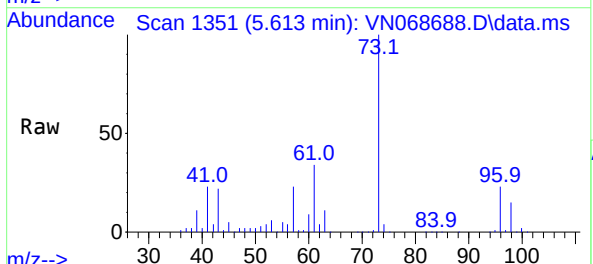
MMDadoda
9/27/2021 11:01:33 AM

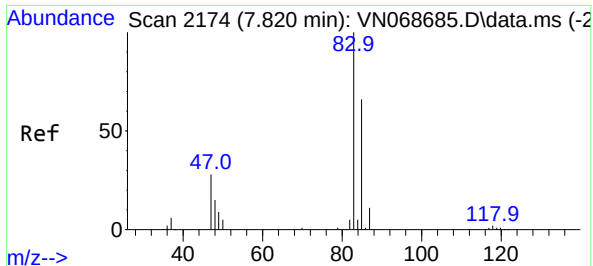


#24

Methyl tert-Butyl Ether
Concen: 187.316 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 73 Resp: 4310711
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5





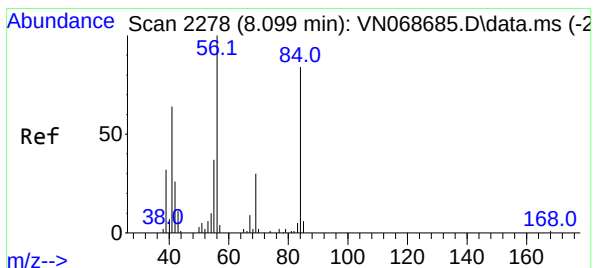
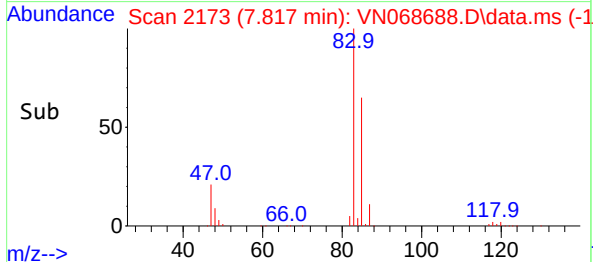
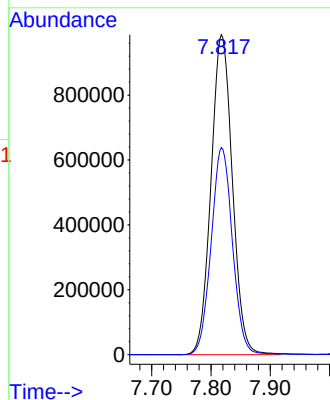
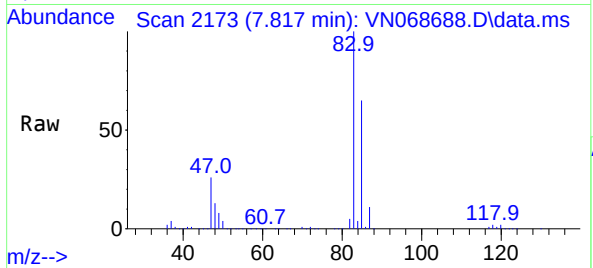
#25
Chloroform
Concen: 168.628 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 83 Resp: 2467180
Ion Ratio Lower Upper
83 100
85 64.7 52.9 79.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

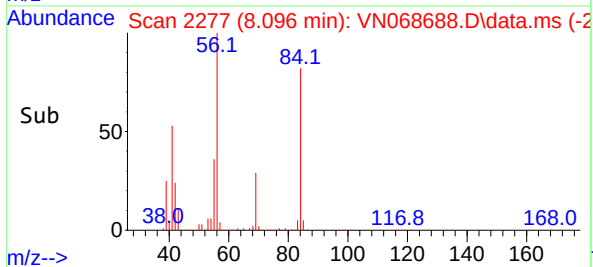
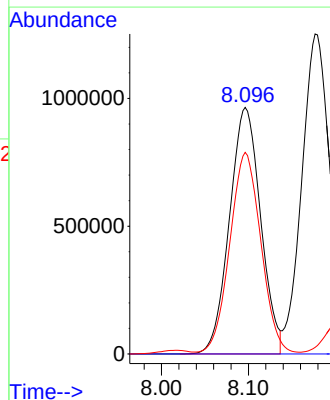
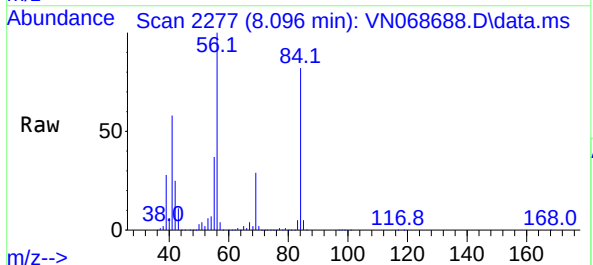
Manual Integrations
APPROVED

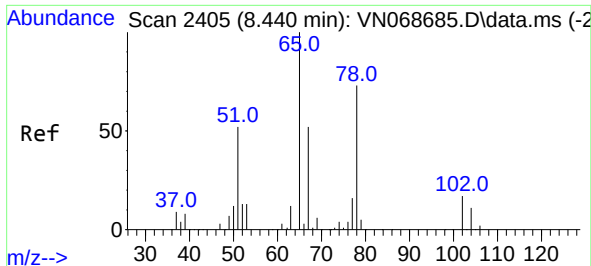
MMDadoda
9/27/2021 11:01:33 AM



#26
Cyclohexane
Concen: 220.741 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 56 Resp: 2406278
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.7 68.0 102.0





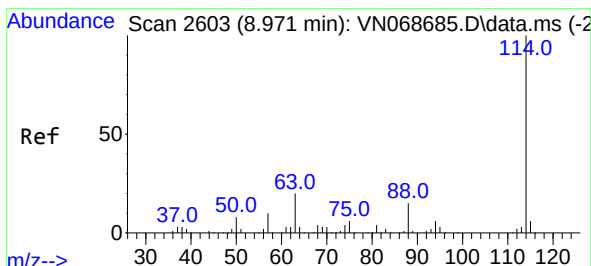
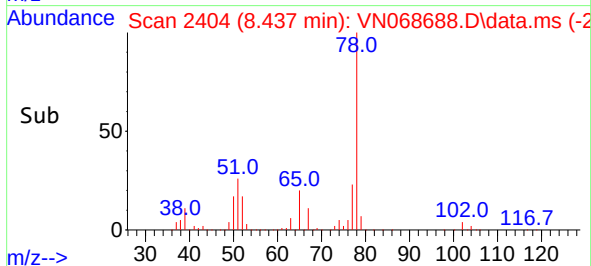
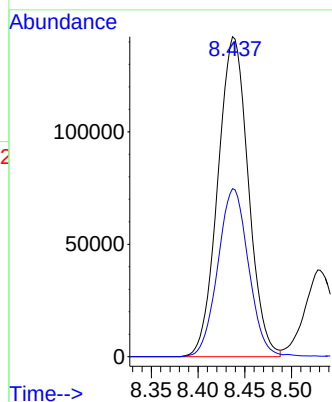
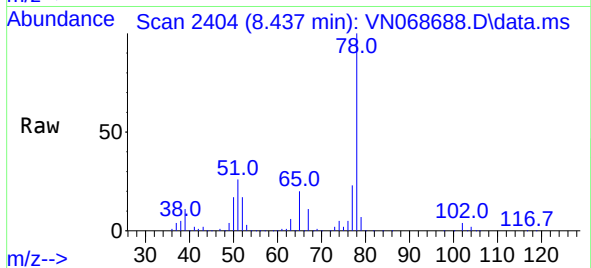
#27
1,2-Dichloroethane-d4
Concen: 36.901 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 65 Resp: 323408
Ion Ratio Lower Upper
65 100
67 52.7 41.0 61.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

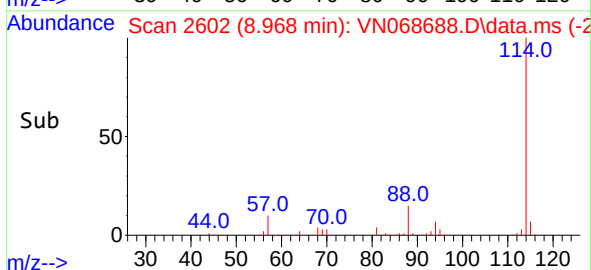
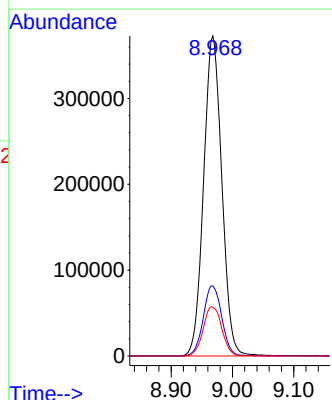
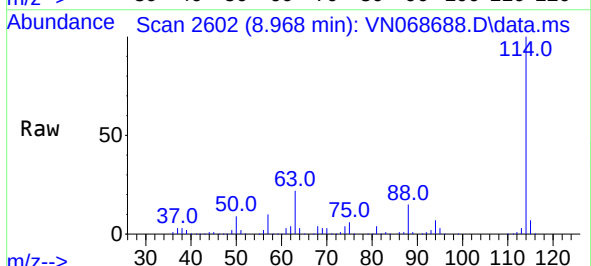
Manual Integrations
APPROVED

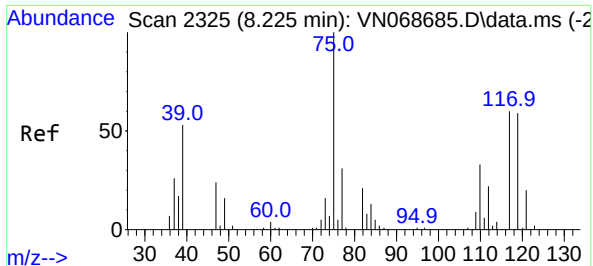
MMDadoda
9/27/2021 11:01:33 AM



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 114 Resp: 769156
Ion Ratio Lower Upper
114 100
63 22.2 17.1 25.7
88 15.7 12.2 18.4





#29

1,1-Dichloropropene
Concen: 179.962 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

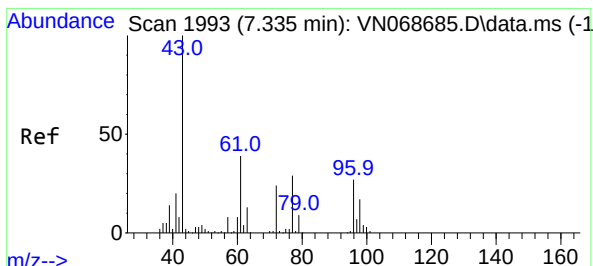
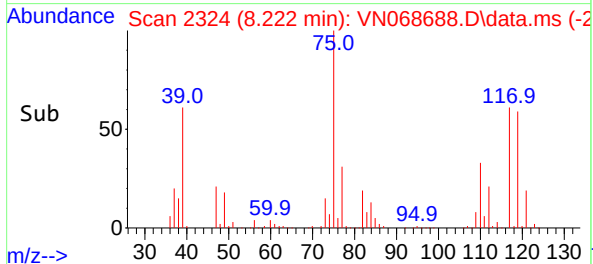
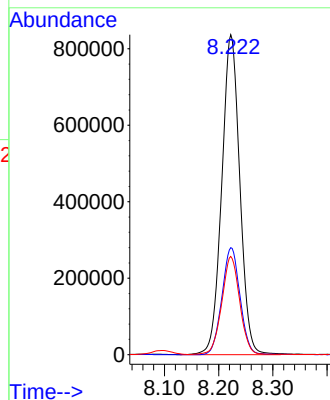
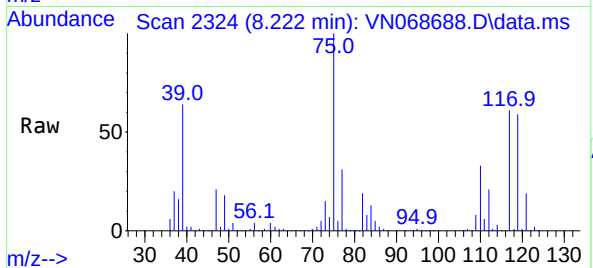
Tgt Ion: 75 Resp: 1940313

Ion	Ratio	Lower	Upper
75	100		
110	33.4	0.0	67.4
77	30.4	0.0	60.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM

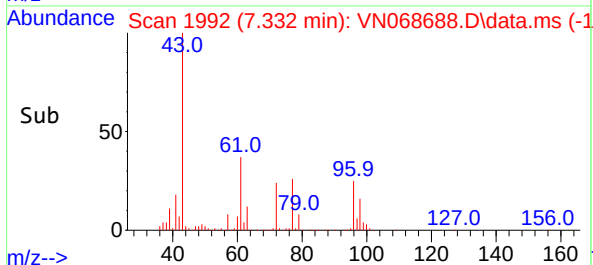
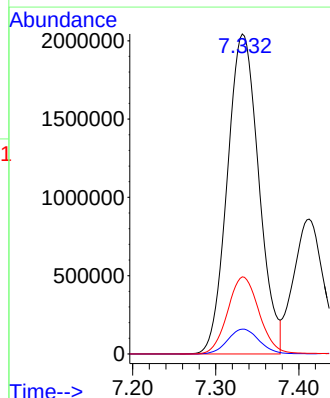
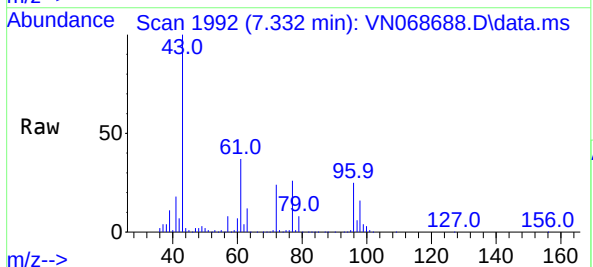


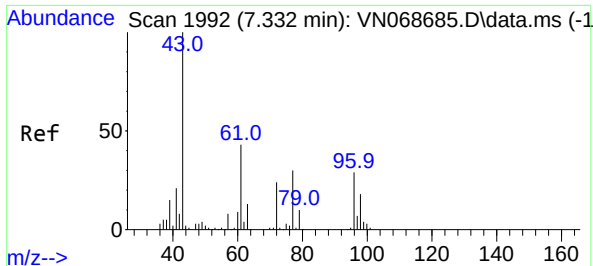
#30

2-Butanone
Concen: 1202.898 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 43 Resp: 5380016

Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.4	9.6
72	24.3	19.6	29.4





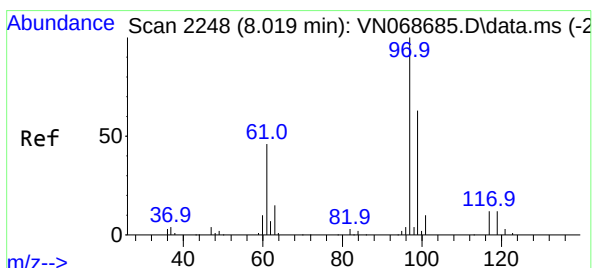
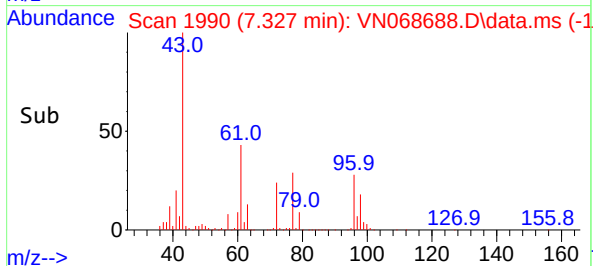
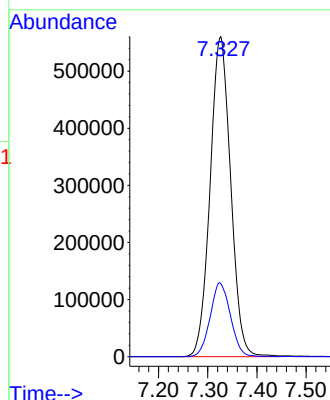
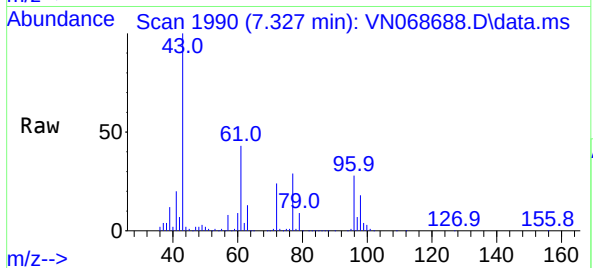
#31
2,2-Dichloropropane
Concen: 138.836 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 77 Resp: 1627129
Ion Ratio Lower Upper
77 100
97 22.8 17.9 26.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

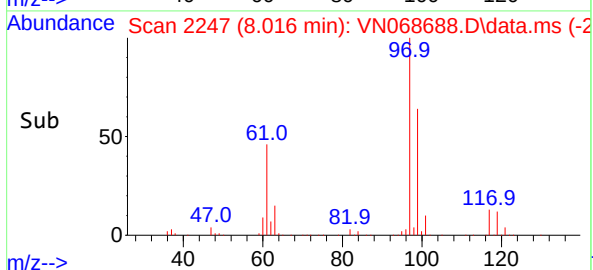
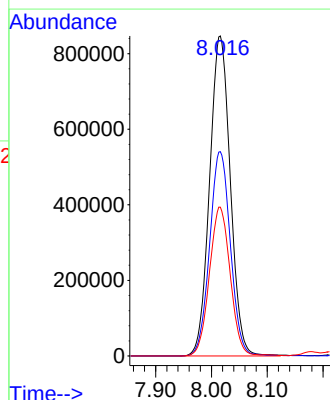
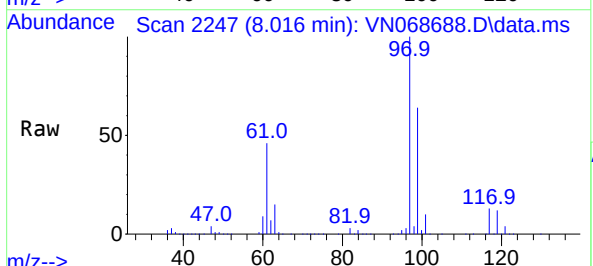
Manual Integrations
APPROVED

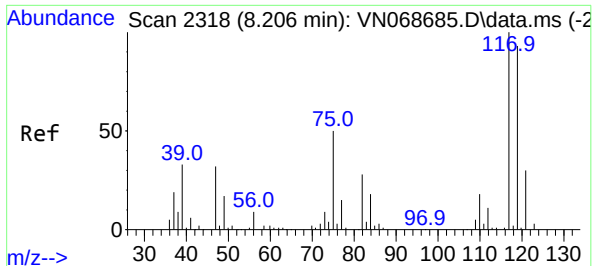
MMDadoda
9/27/2021 11:01:33 AM



#32
1,1,1-Trichloroethane
Concen: 153.521 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 97 Resp: 2184452
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 46.6 38.9 58.3





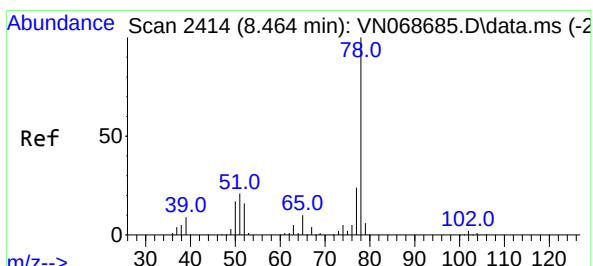
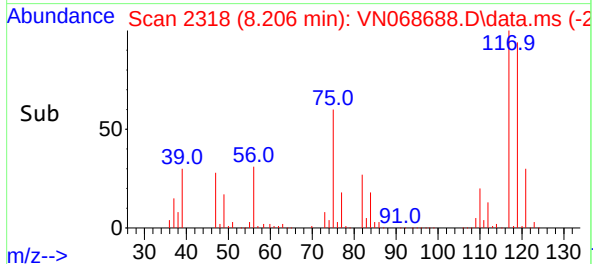
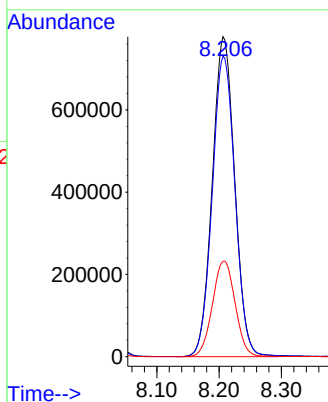
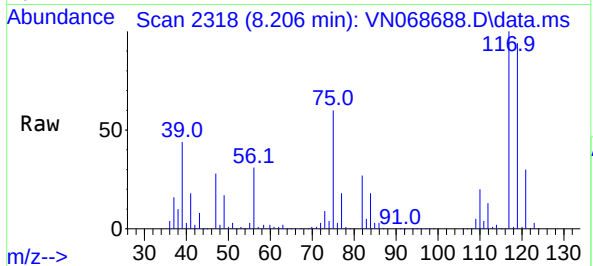
#33
Carbon Tetrachloride
Concen: 146.817 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 117 Resp: 1942340
Ion Ratio Lower Upper
117 100
119 93.8 74.7 112.1
121 29.8 23.9 35.9

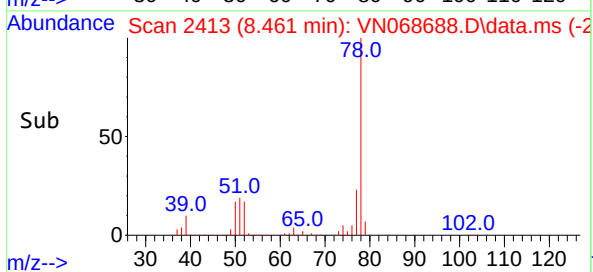
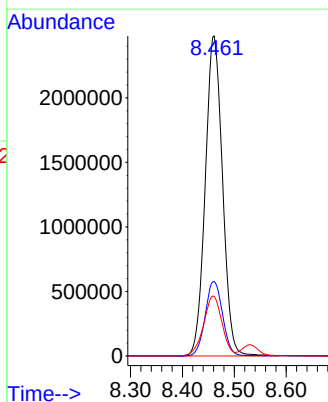
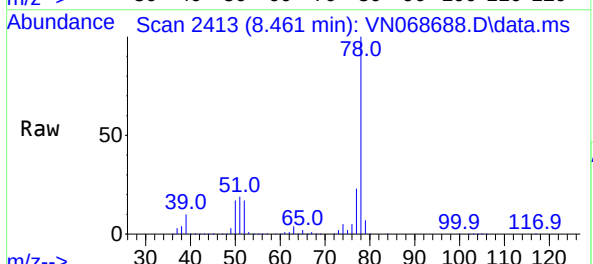
Manual Integrations
APPROVED

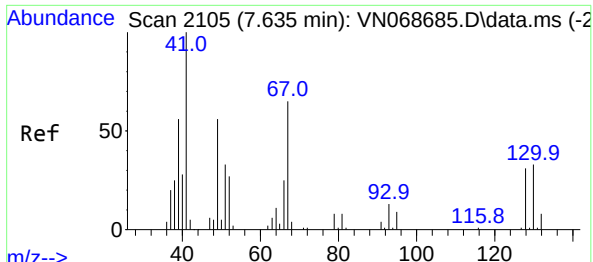
MMDadoda
9/27/2021 11:01:33 AM



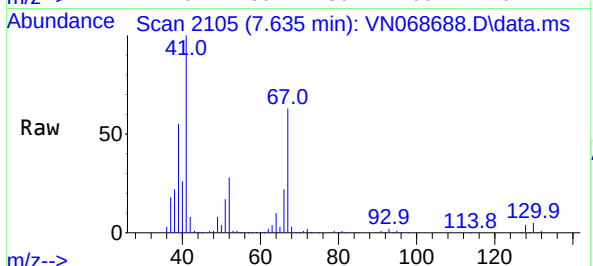
#34
Benzene
Concen: 174.619 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 78 Resp: 5725658
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 18.6 17.2 25.8



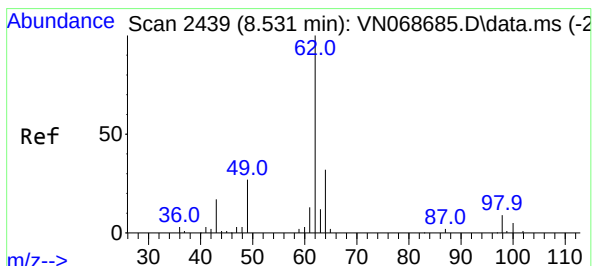
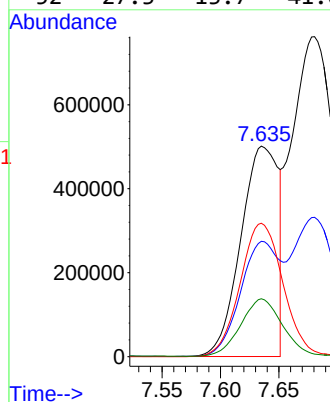
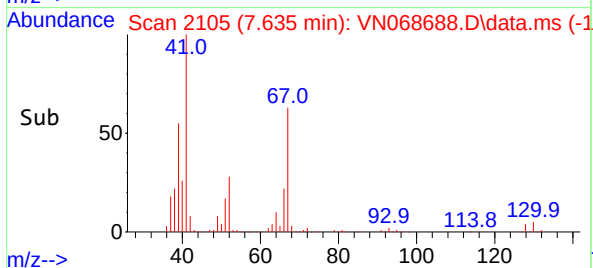


#35
Methacrylonitrile
Concen: 251.545 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

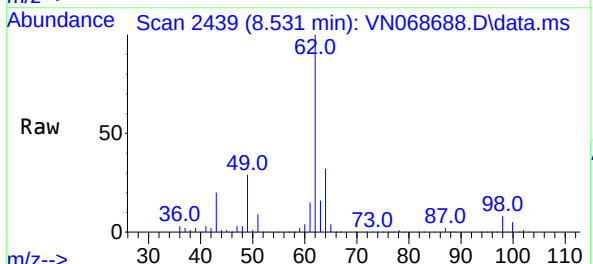


Tgt Ion: 41 Resp: 1113397

Ion	Ratio	Lower	Upper
41	100		
39	54.7	28.2	84.7
67	63.5	32.5	97.4
52	27.3	13.7	41.0

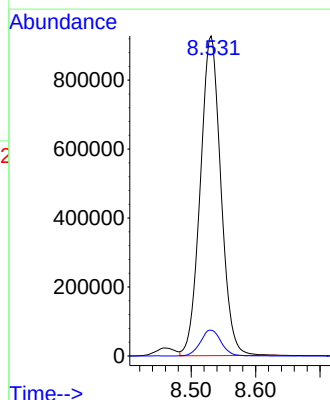
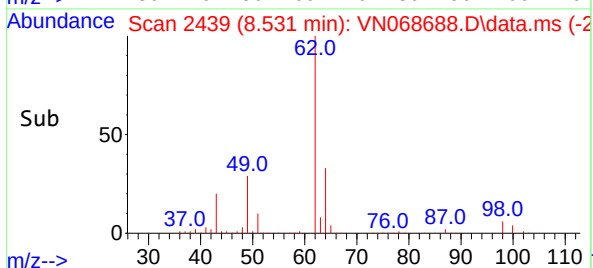


#36
1,2-Dichloroethane
Concen: 183.399 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



Tgt Ion: 62 Resp: 2053977

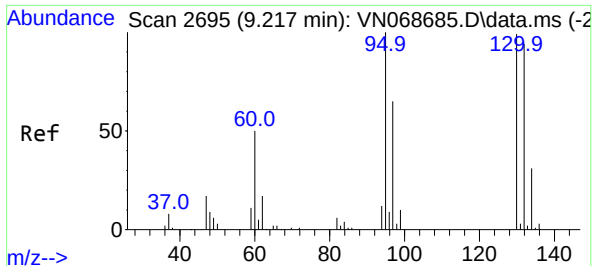
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.5	9.7



Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM



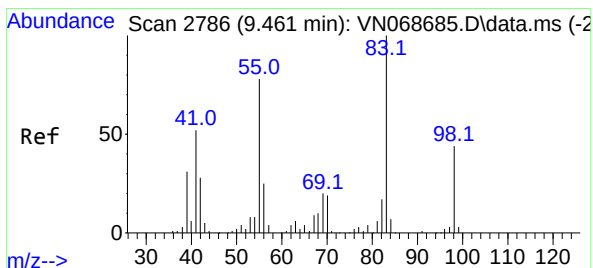
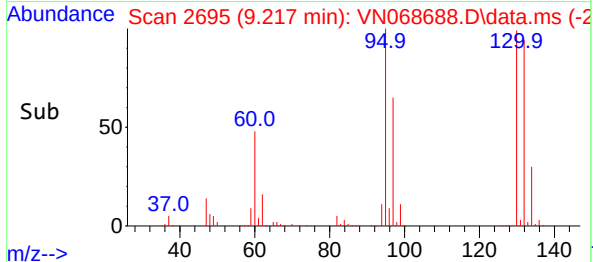
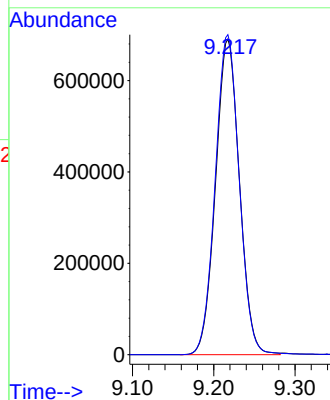
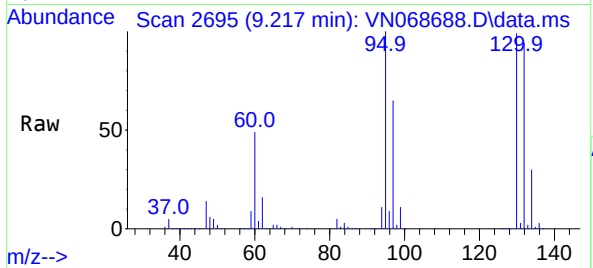
#37
Trichloroethene
Concen: 140.284 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion:130 Resp: 1410762
Ion Ratio Lower Upper
130 100
95 101.4 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

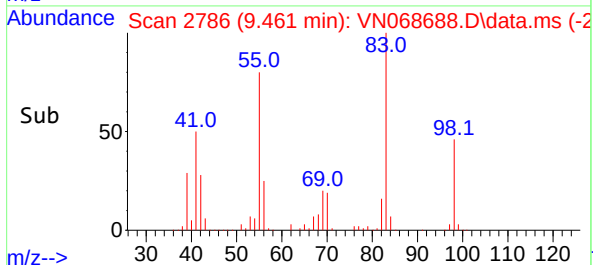
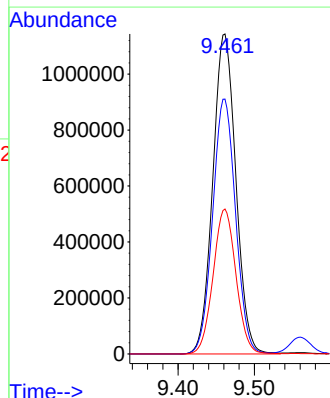
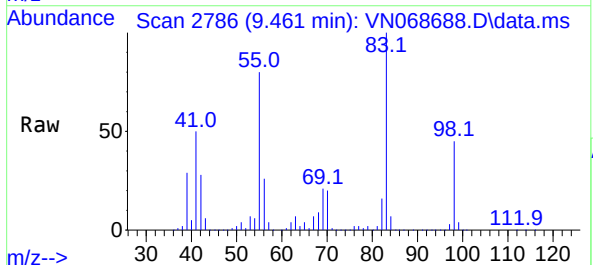
Manual Integrations
APPROVED

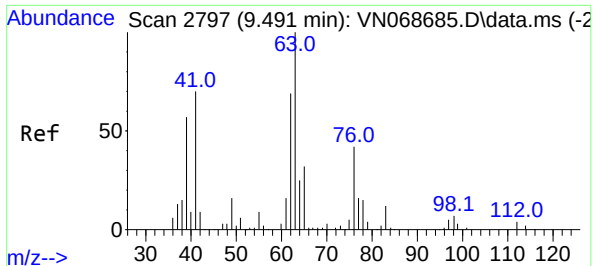
MMDadoda
9/27/2021 11:01:33 AM



#38
Methylcyclohexane
Concen: 176.414 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 83 Resp: 2404710
Ion Ratio Lower Upper
83 100
55 79.2 39.3 117.9
98 44.9 22.7 68.0





#39

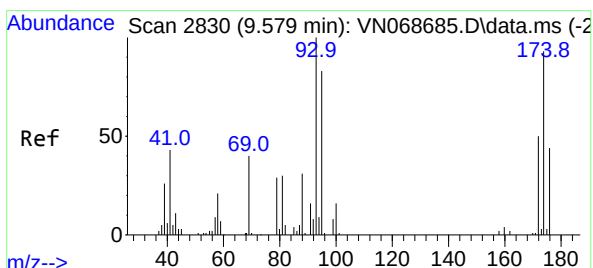
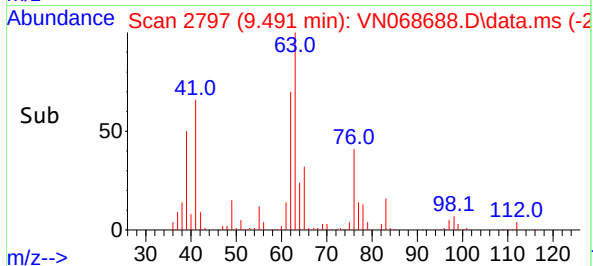
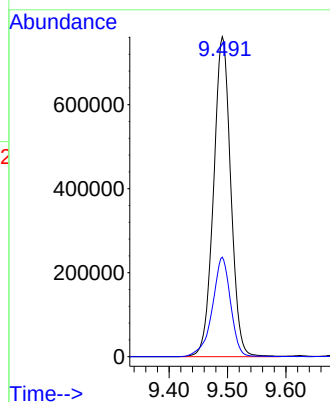
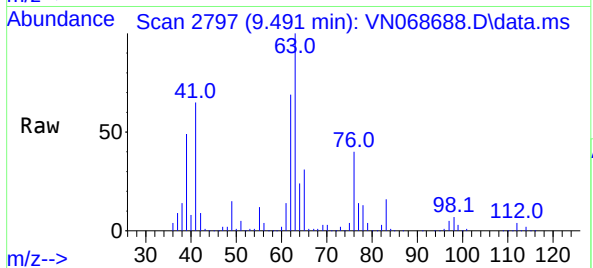
1,2-Dichloropropane
Concen: 197.001 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 63 Resp: 1560563
Ion Ratio Lower Upper
63 100
65 31.1 25.4 38.2

Manual Integrations
APPROVED

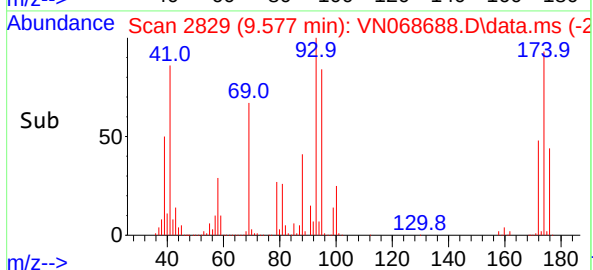
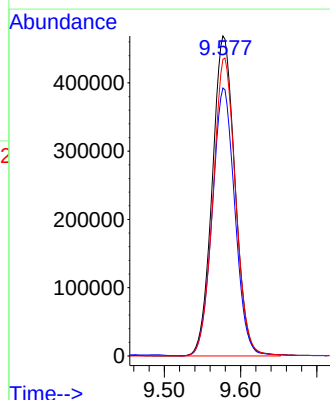
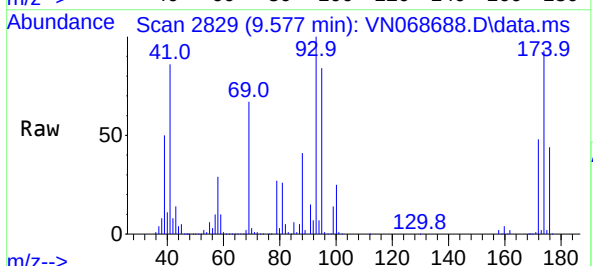
MMDadoda
9/27/2021 11:01:33 AM

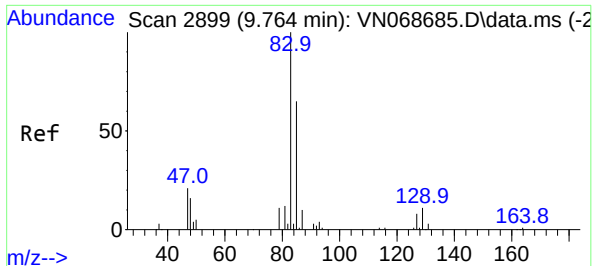


#40

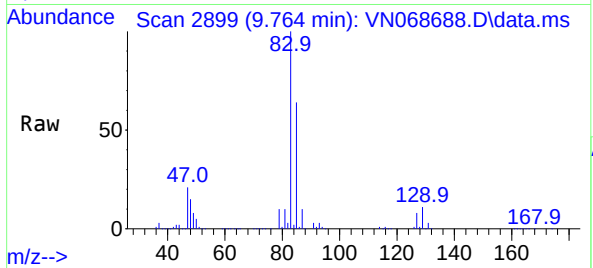
Dibromomethane
Concen: 155.600 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 93 Resp: 970037
Ion Ratio Lower Upper
93 100
95 83.2 0.0 165.4
174 92.7 0.0 187.8



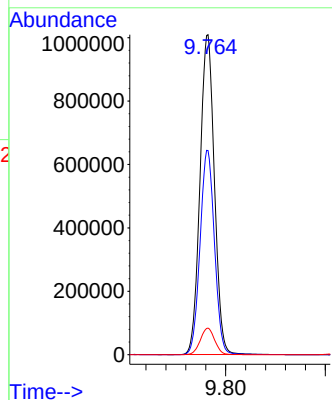


#41
Bromodichloromethane
Concen: 167.112 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



Tgt Ion: 83 Resp: 2027185

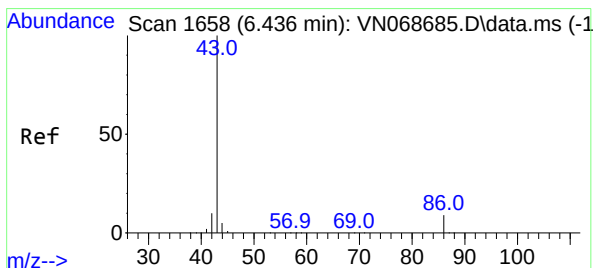
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.1	78.1
127	8.3	6.4	9.6



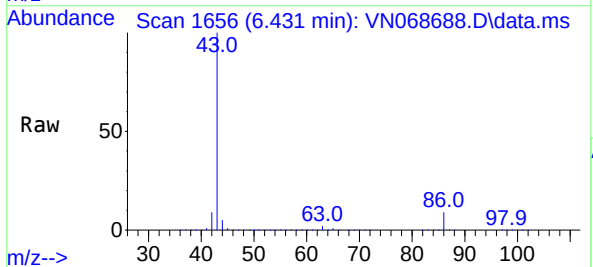
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM

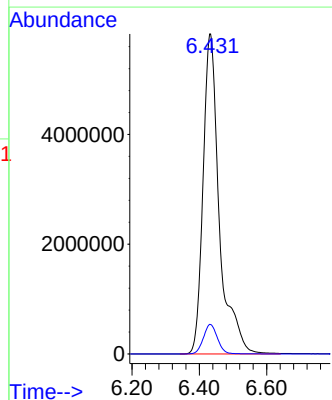
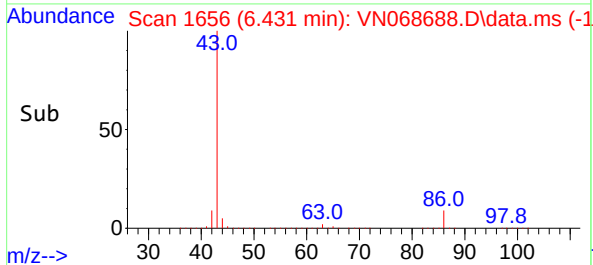


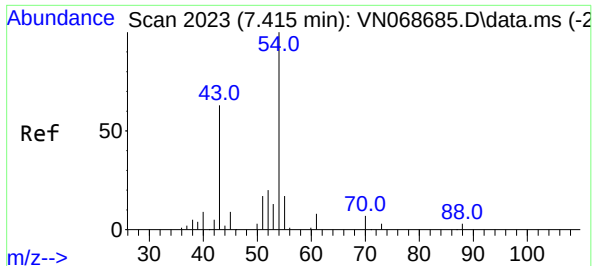
#42
Vinyl Acetate
Concen: 1190.195 ug/l
RT: 6.431 min Scan# 1656
Delta R.T. -0.005 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



Tgt Ion: 43 Resp: 19581237

Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.5	9.7





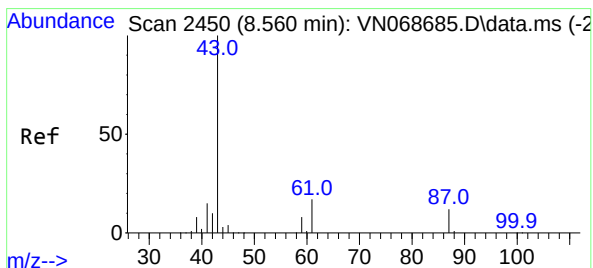
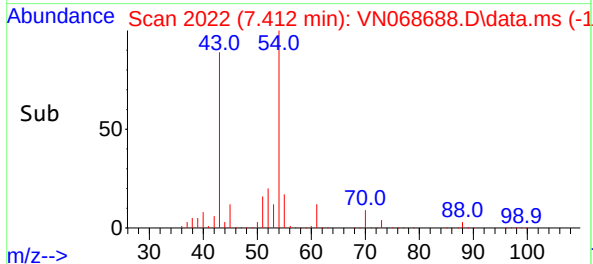
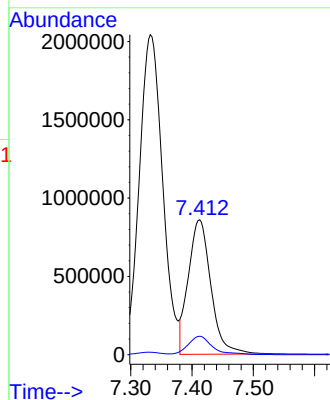
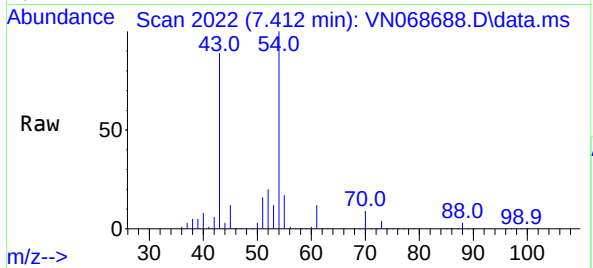
#43
Ethyl Acetate
Concen: 232.833 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 43 Resp: 2190606
Ion Ratio Lower Upper
43 100
45 14.4 10.1 15.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

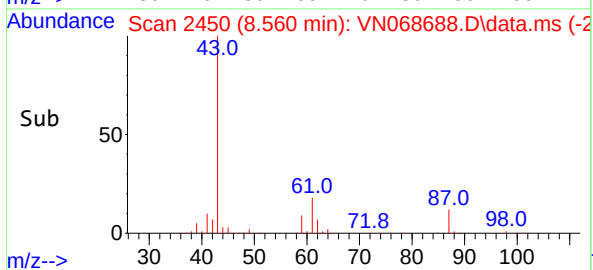
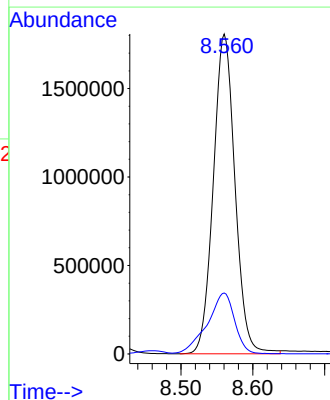
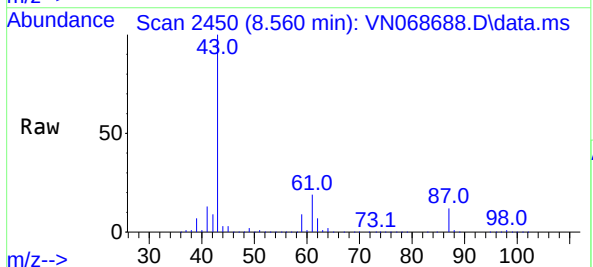
Manual Integrations
APPROVED

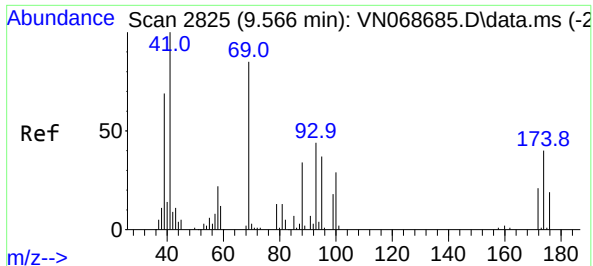
MMDadoda
9/27/2021 11:01:33 AM



#44
Isopropyl Acetate
Concen: 235.202 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 43 Resp: 3777919
Ion Ratio Lower Upper
43 100
61 24.0 18.5 27.7





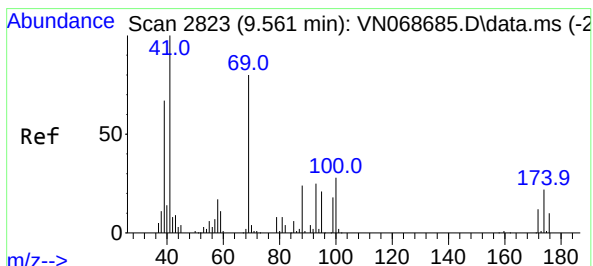
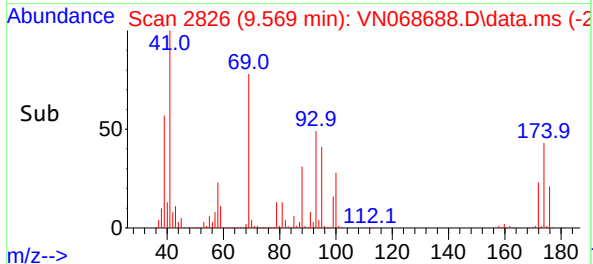
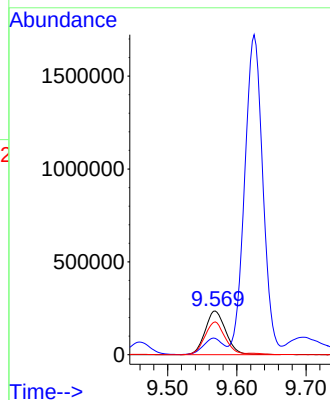
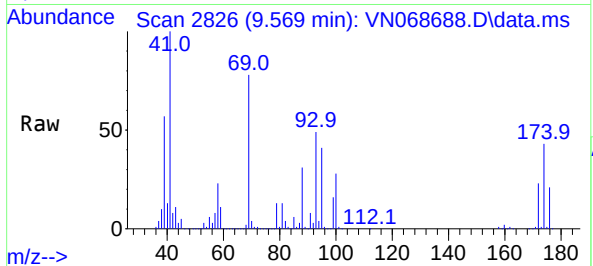
#45
1,4-Dioxane
Concen: 3316.860 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 88 Resp: 489245
Ion Ratio Lower Upper
88 100
43 34.4 27.3 40.9
58 73.3 55.0 82.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

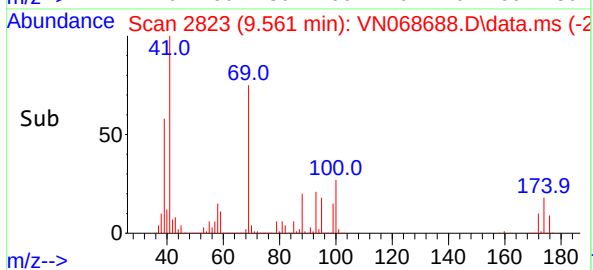
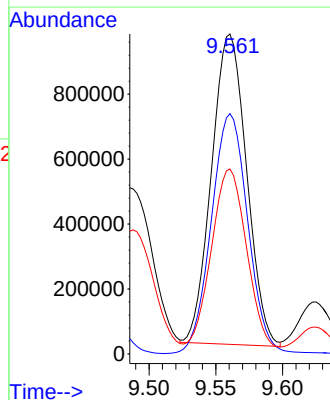
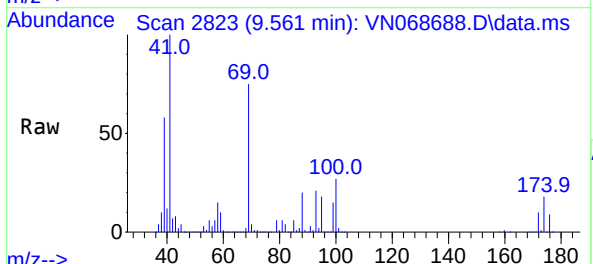
Manual Integrations
APPROVED

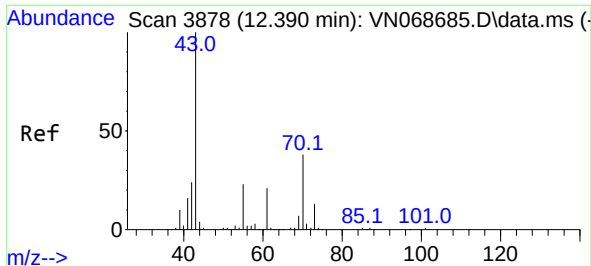
MMDadoda
9/27/2021 11:01:33 AM



#46
Methyl methacrylate
Concen: 265.717 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 41 Resp: 1746160
Ion Ratio Lower Upper
41 100
69 77.1 39.6 118.8
39 57.7 34.0 102.0





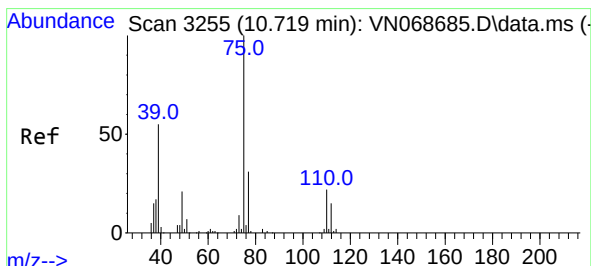
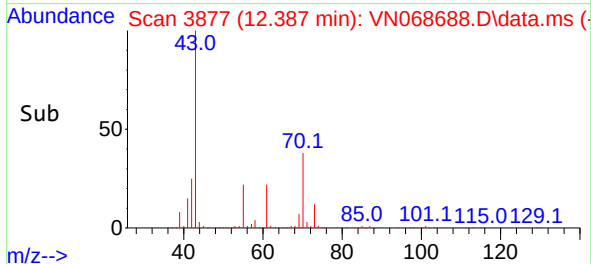
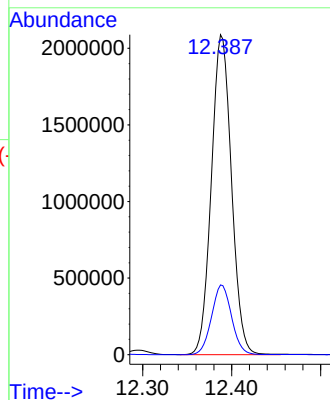
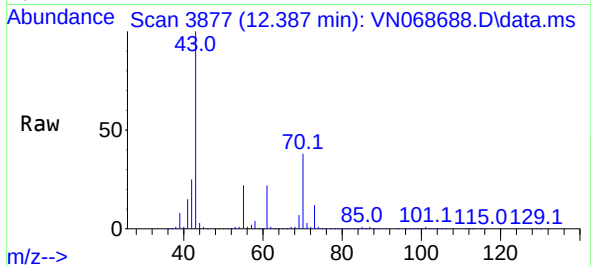
#47
n-amy1 Acetate
Concen: 286.341 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 43 Resp: 3271463
Ion Ratio Lower Upper
43 100
55 21.8 18.6 27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

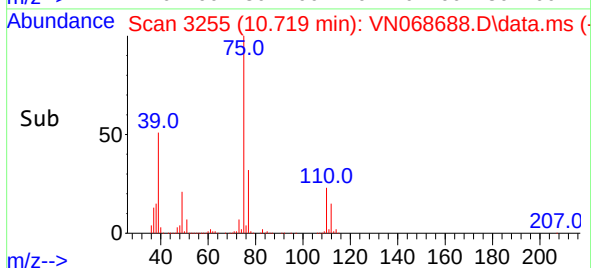
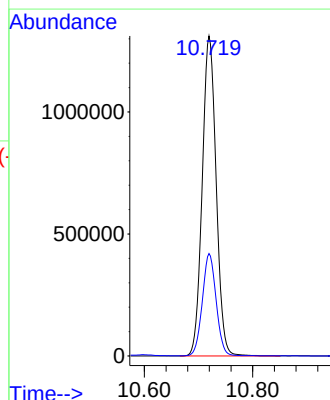
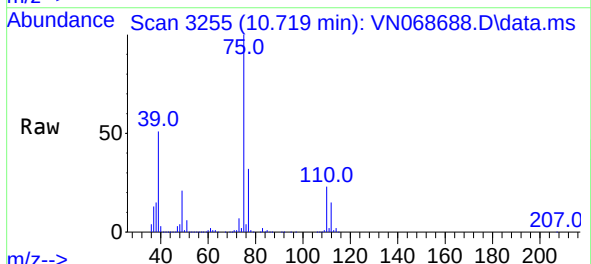
Manual Integrations
APPROVED

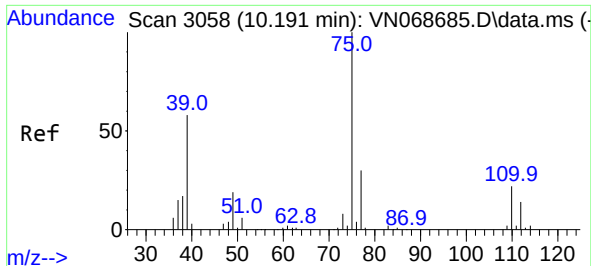
MMDadoda
9/27/2021 11:01:33 AM



#48
t-1,3-Dichloropropene
Concen: 189.159 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

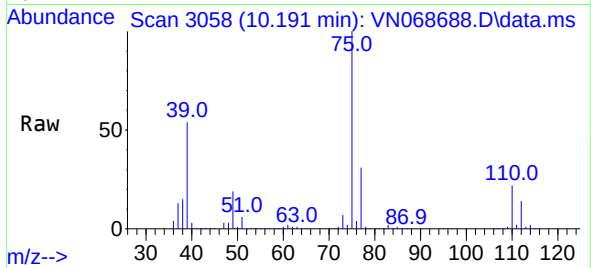
Tgt Ion: 75 Resp: 2345479
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4





#49
cis-1,3-Dichloropropene
Concen: 183.224 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

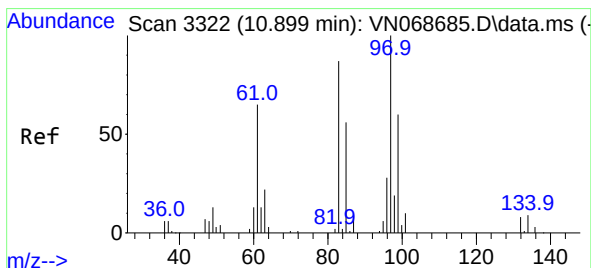
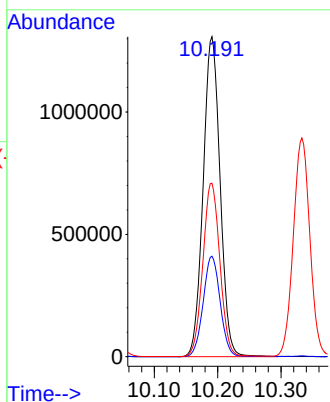
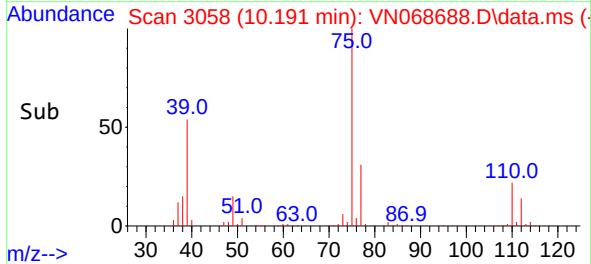


Tgt Ion: 75 Resp: 2430095

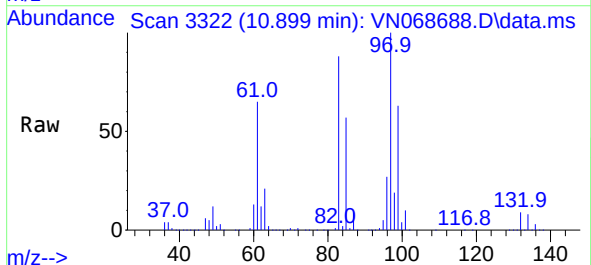
Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.2	36.4
39	54.1	46.2	69.2

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM

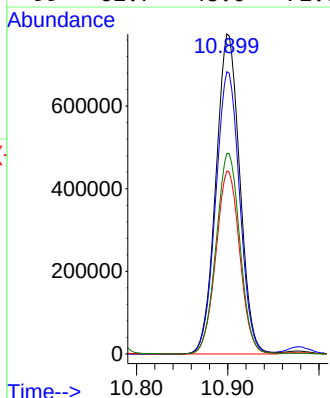
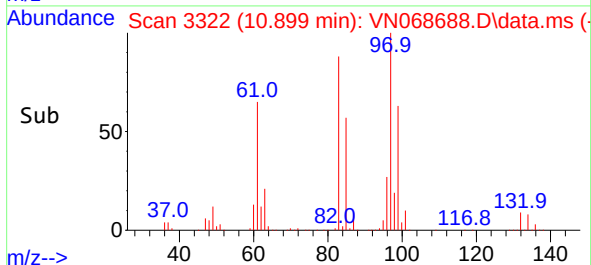


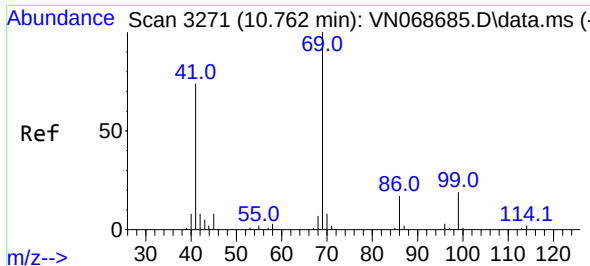
#50
1,1,2-Trichloroethane
Concen: 157.253 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



Tgt Ion: 97 Resp: 1409444

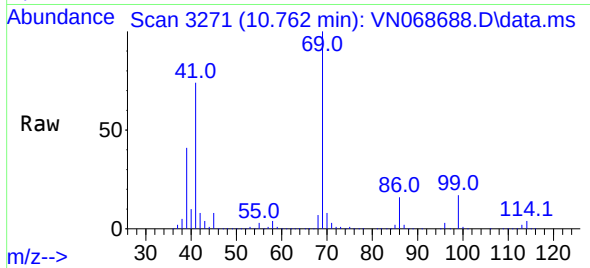
Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.9	104.9
85	57.2	44.4	66.6
99	62.7	48.0	72.0





#51
Ethyl methacrylate
Concen: 212.787 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

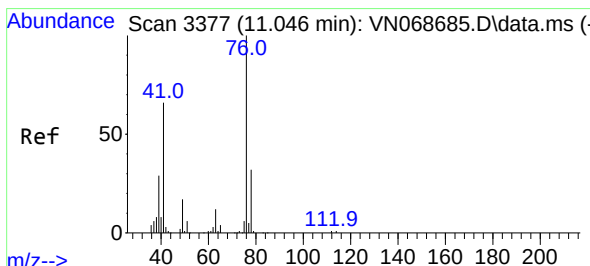
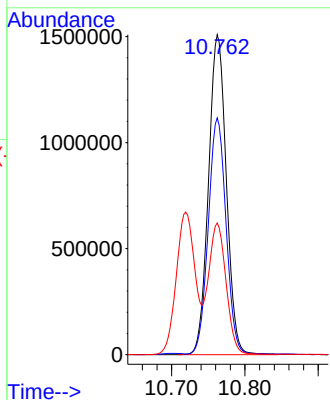
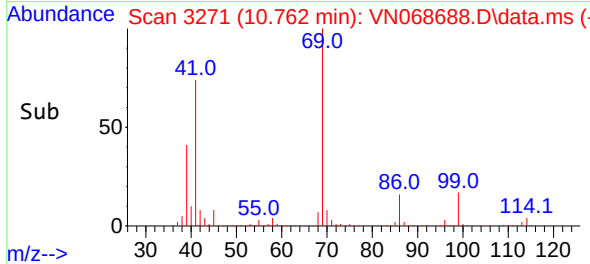


Tgt Ion: 69 Resp: 2549864

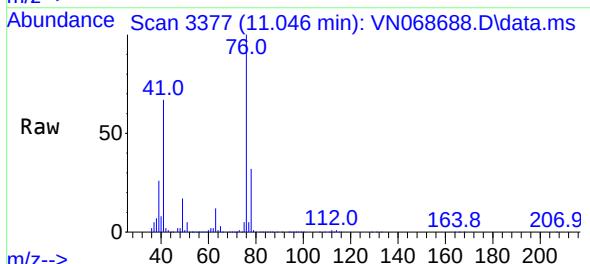
Ion	Ratio	Lower	Upper
69	100		
41	73.8	37.0	111.1
39	41.0	25.1	75.4

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM

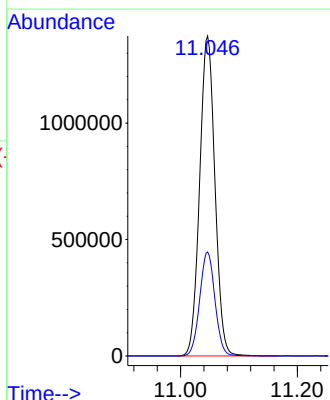
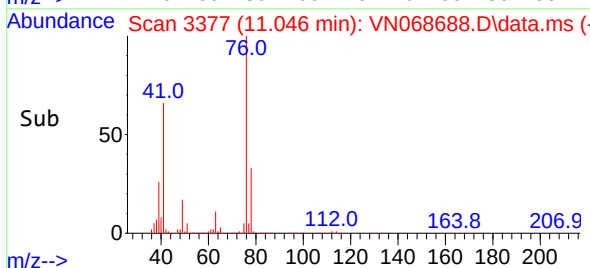


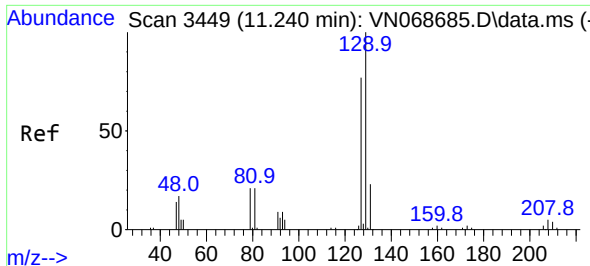
#52
1,3-Dichloropropane
Concen: 182.943 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



Tgt Ion: 76 Resp: 2496966

Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.8





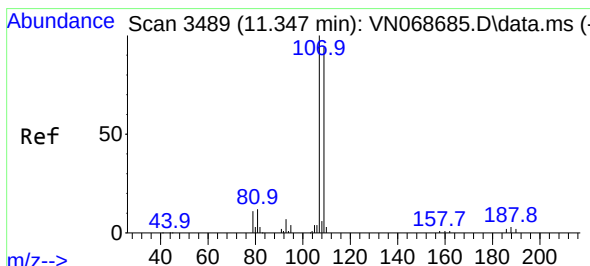
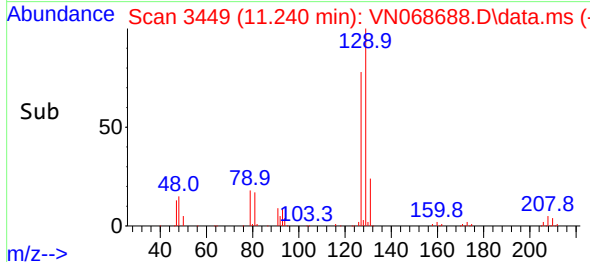
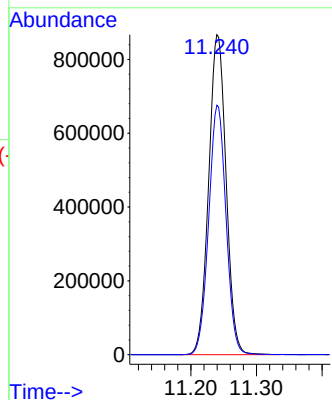
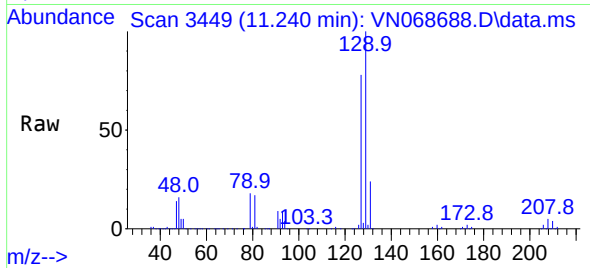
#53
Dibromochloromethane
Concen: 148.367 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 1599983
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3

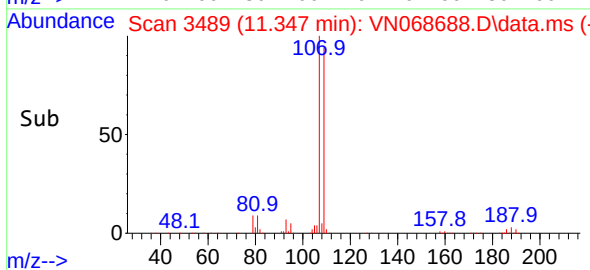
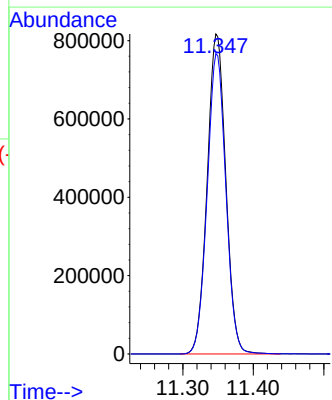
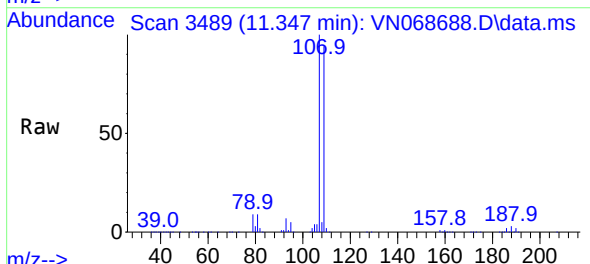
Manual Integrations
APPROVED

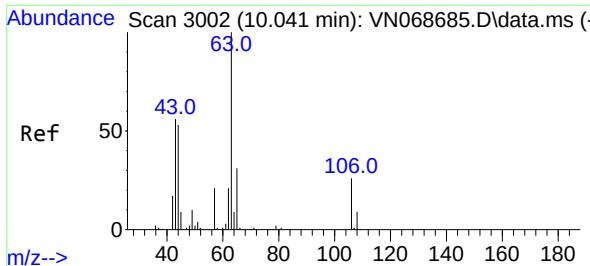
MMDadoda
9/27/2021 11:01:33 AM



#54
1,2-Dibromoethane
Concen: 157.218 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion:107 Resp: 1496869
Ion Ratio Lower Upper
107 100
109 94.0 76.8 115.2





#55
2-Chloroethyl vinyl ether
Concen: 1575.996 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

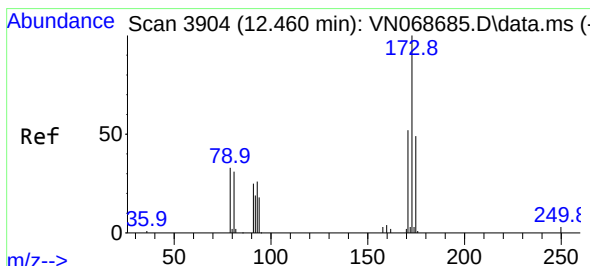
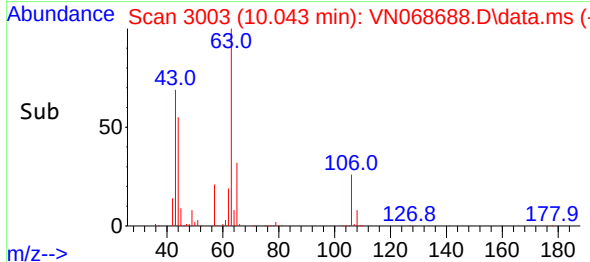
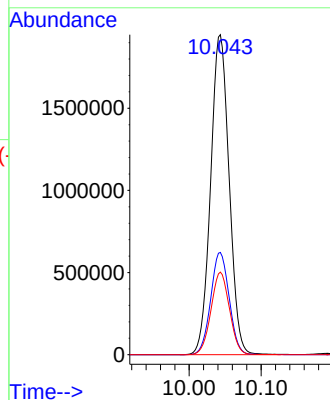
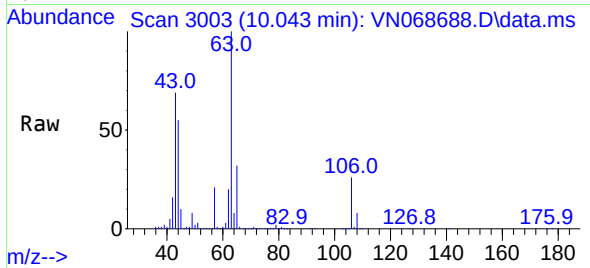
Tgt Ion: 63 Resp: 3482815

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.4	38.0
106	25.8	21.3	31.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

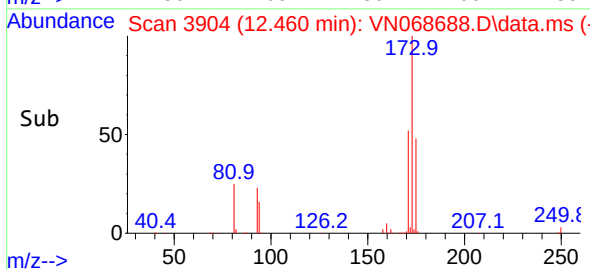
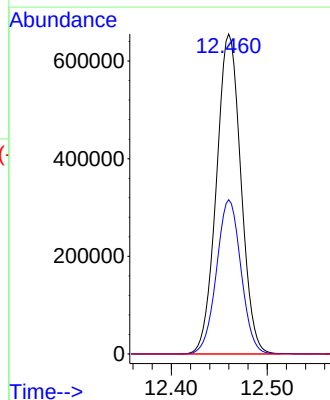
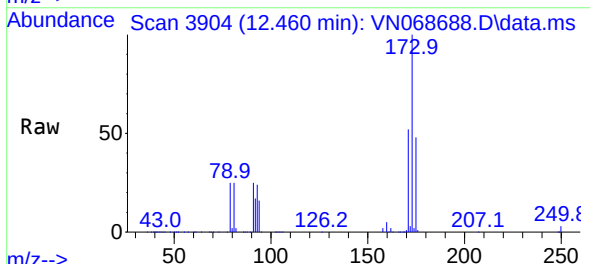
MMDadoda
9/27/2021 11:01:33 AM

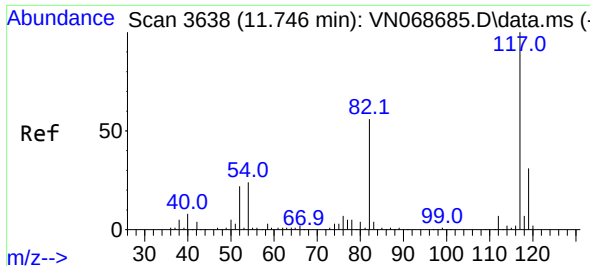


#56
Bromoform
Concen: 135.673 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 173 Resp: 1161368

Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.4	59.0
254	0.0	0.0	0.0





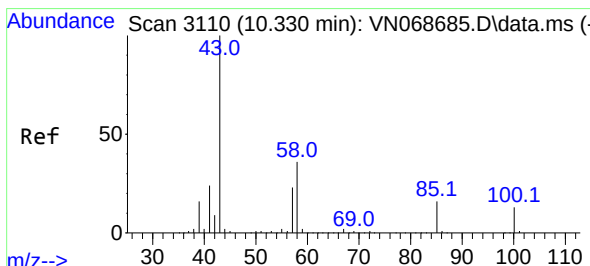
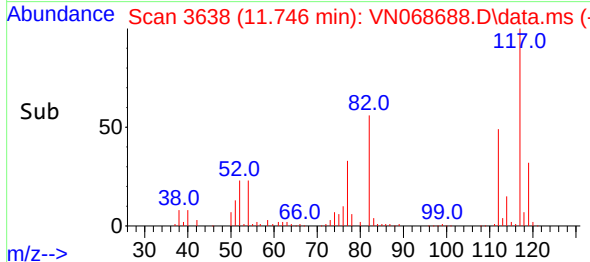
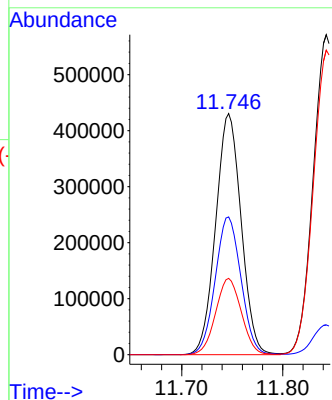
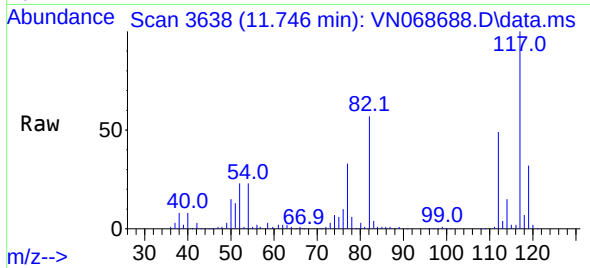
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 117 Resp: 754800
Ion Ratio Lower Upper
117 100
82 57.6 44.6 66.8
119 31.9 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

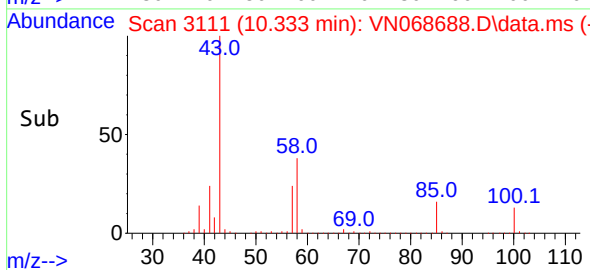
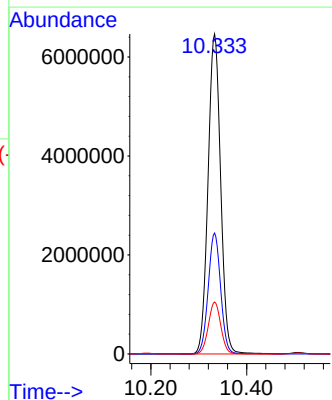
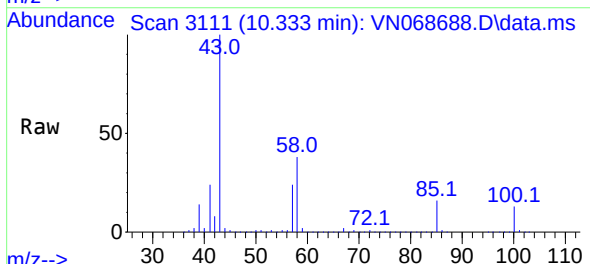
Manual Integrations
APPROVED

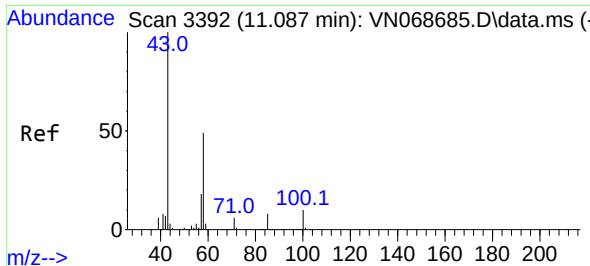
MMDadoda
9/27/2021 11:01:33 AM



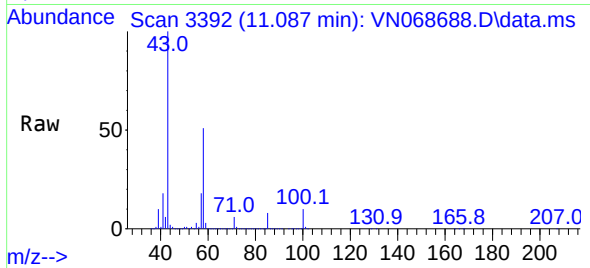
#58
4-Methyl-2-Pentanone
Concen: 1163.409 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 43 Resp: 11846358
Ion Ratio Lower Upper
43 100
58 37.3 28.5 42.7
85 16.1 12.8 19.2

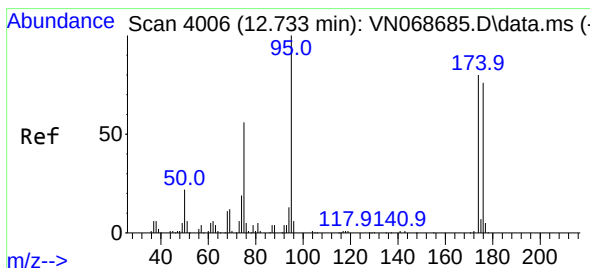
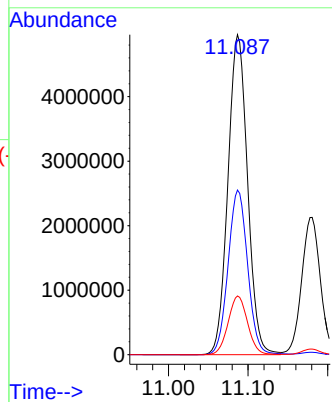
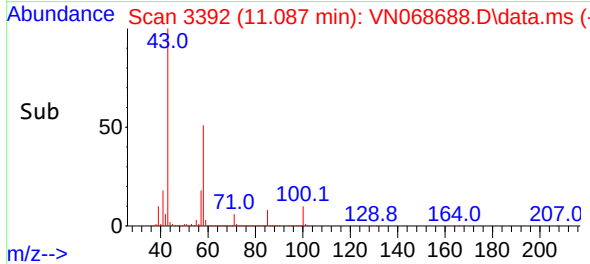




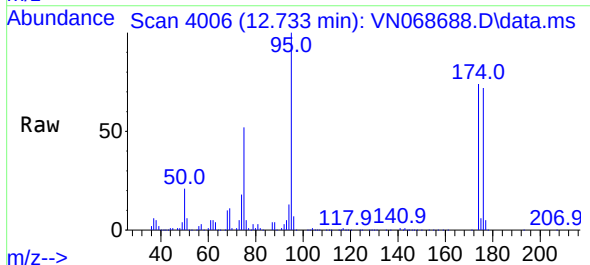
#59
2-Hexanone
Concen: 1196.427 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



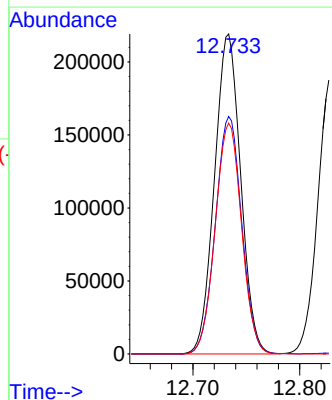
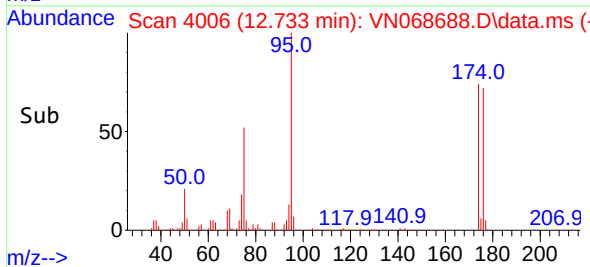
Tgt Ion: 43 Resp: 8499130
Ion Ratio Lower Upper
43 100
58 51.4 39.5 59.3
57 18.3 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 34.241 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



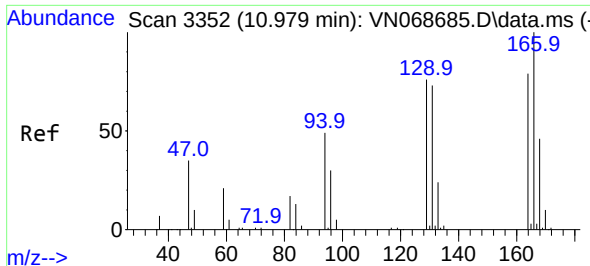
Tgt Ion: 95 Resp: 373211
Ion Ratio Lower Upper
95 100
174 74.7 63.0 94.6
176 72.5 60.6 90.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

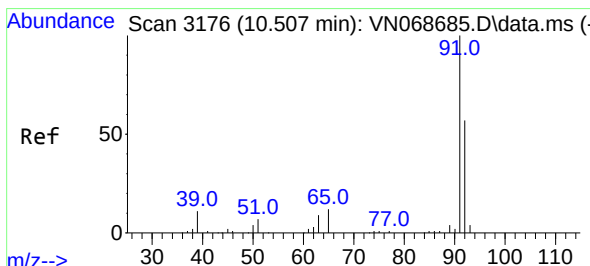
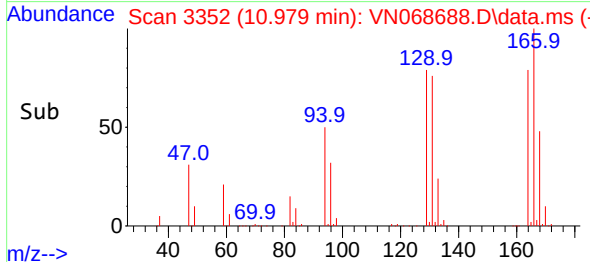
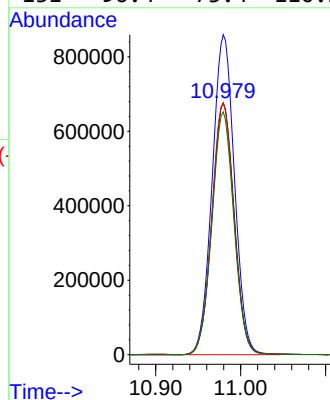
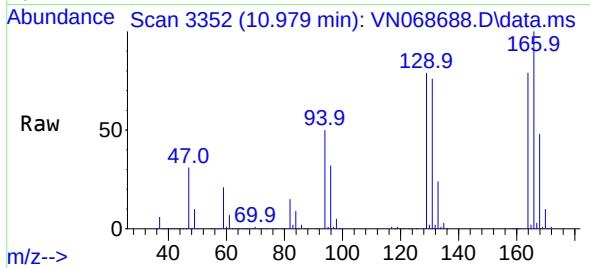
Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM



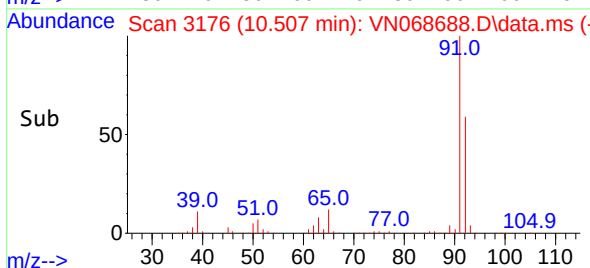
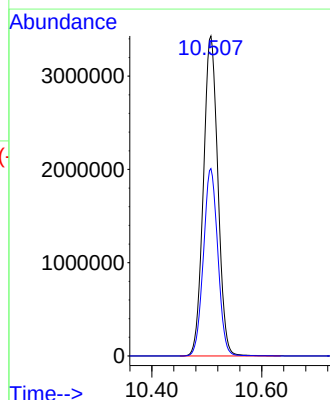
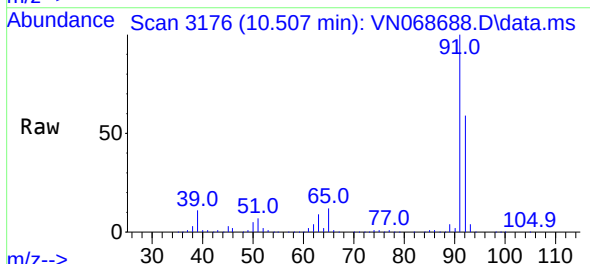
#61
Tetrachloroethene
Concen: 116.145 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion:164 Resp: 1230732
Ion Ratio Lower Upper
164 100
166 127.1 100.8 151.2
129 100.0 76.8 115.2
131 96.4 73.4 110.2



#62
Toluene
Concen: 153.577 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

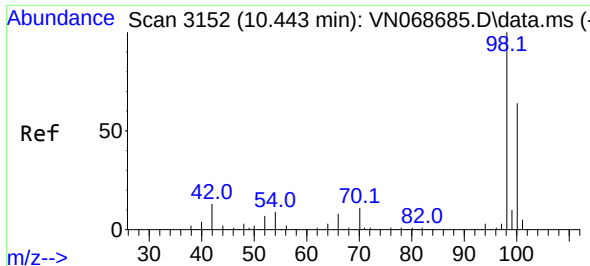
Tgt Ion: 91 Resp: 6277683
Ion Ratio Lower Upper
91 100
92 58.1 45.7 68.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM



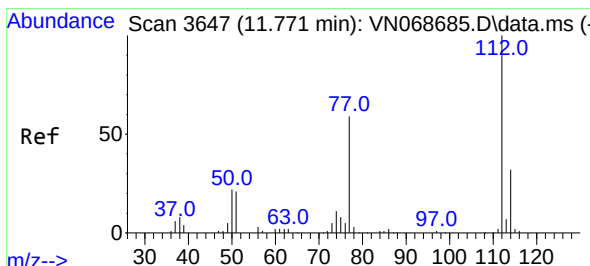
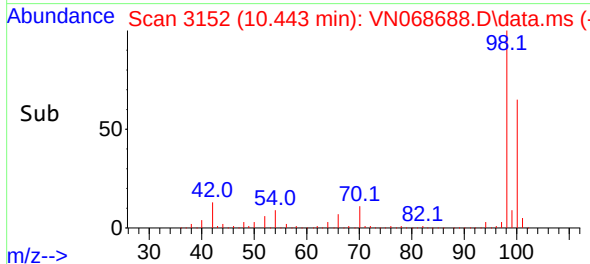
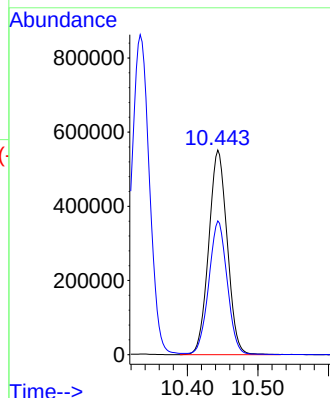
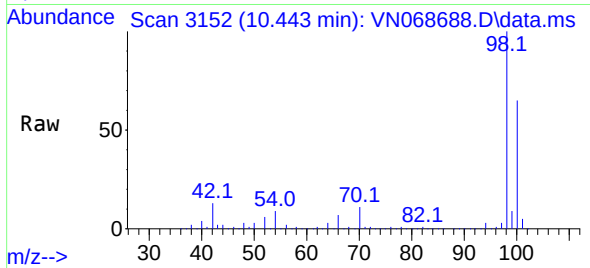
#63
Toluene-d8
Concen: 30.200 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 98 Resp: 1005942
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

Instrument :
MSVOA_N
ClientSampled :
VSTDICC150

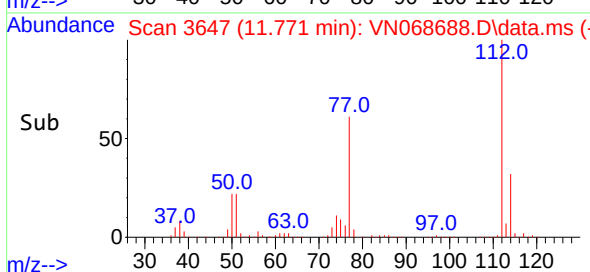
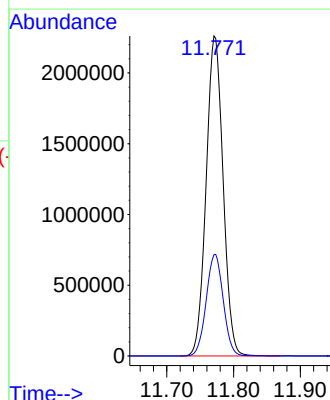
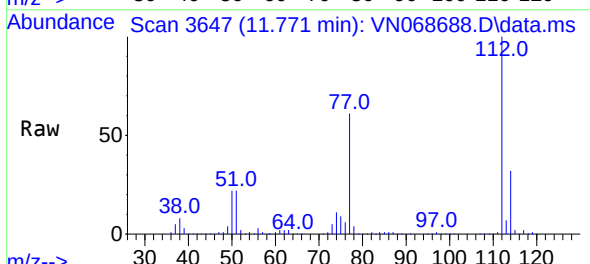
Manual Integrations
APPROVED

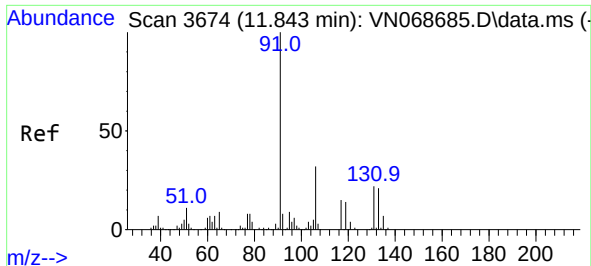
MMDadoda
9/27/2021 11:01:33 AM



#64
Chlorobenzene
Concen: 150.430 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 112 Resp: 3987122
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8





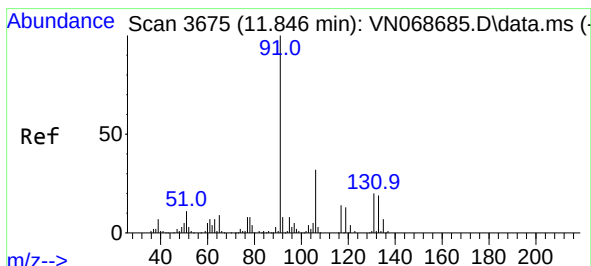
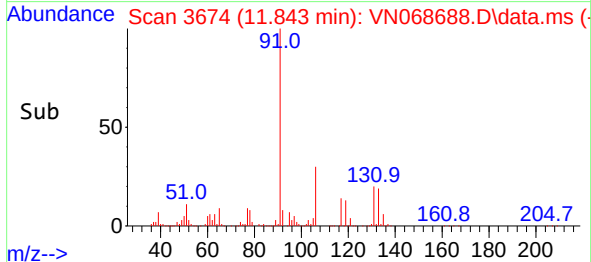
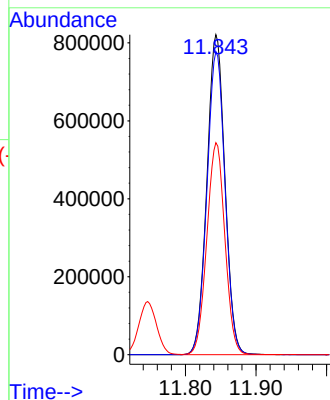
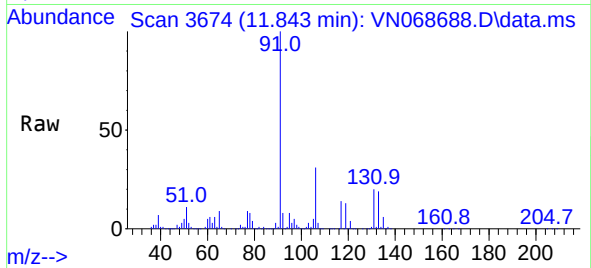
#65
1,1,1,2-Tetrachloroethane
Concen: 136.650 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion:131 Resp: 1457875
Ion Ratio Lower Upper
131 100
133 95.1 0.0 194.4
119 66.2 0.0 131.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

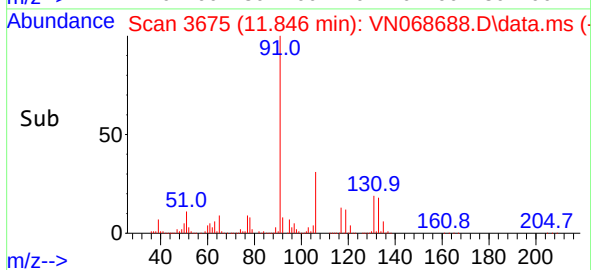
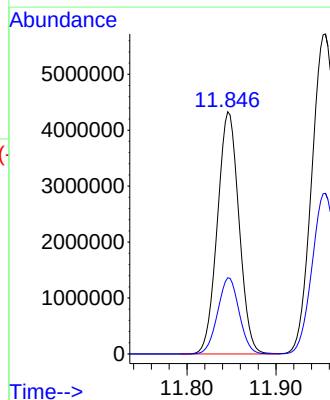
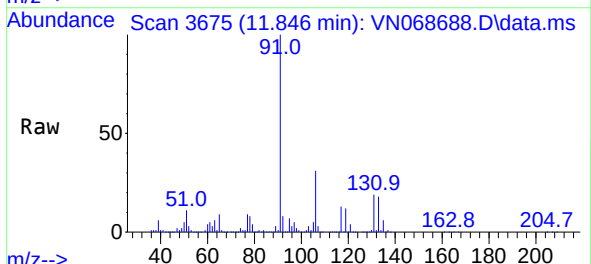
Manual Integrations
APPROVED

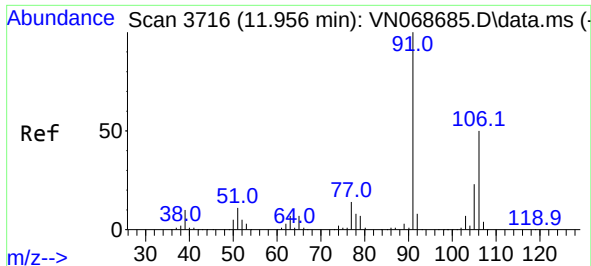
MMDadoda
9/27/2021 11:01:33 AM



#66
Ethyl Benzene
Concen: 164.365 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 91 Resp: 7300333
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2





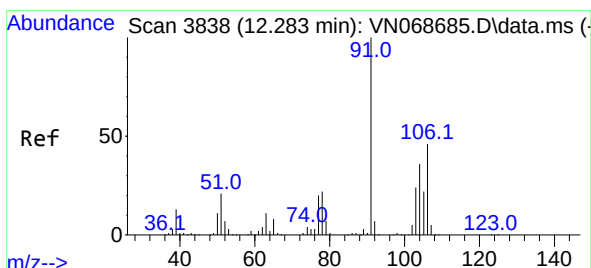
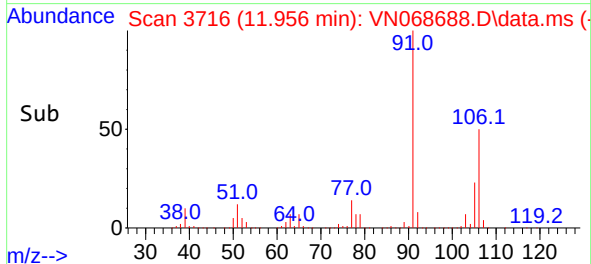
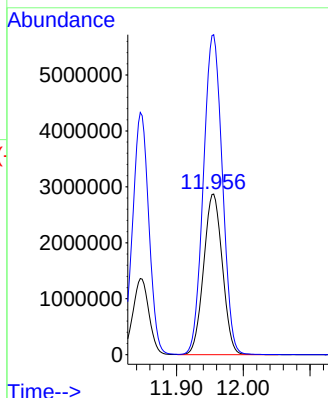
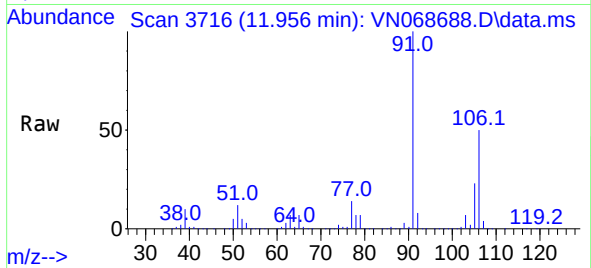
#67
m/p-Xylenes
Concen: 311.305 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 5590007
Ion Ratio Lower Upper
106 100
91 201.8 161.8 242.6

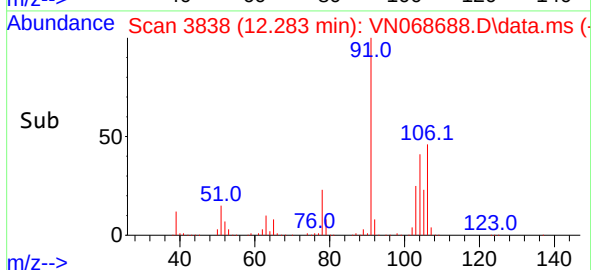
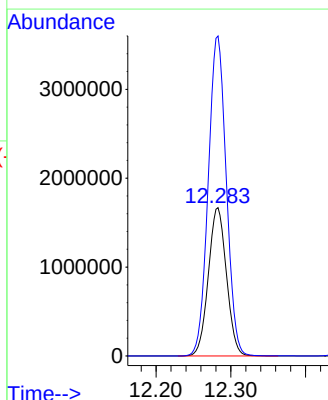
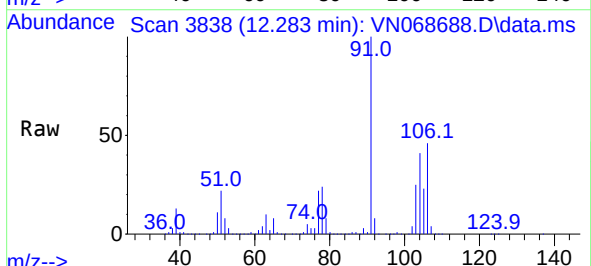
Manual Integrations
APPROVED

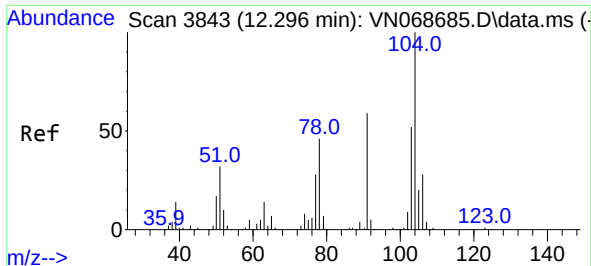
MMDadoda
9/27/2021 11:01:33 AM



#68
o-Xylene
Concen: 157.541 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion:106 Resp: 2802056
Ion Ratio Lower Upper
106 100
91 215.4 105.9 317.7





#69
Styrene
Concen: 164.691 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

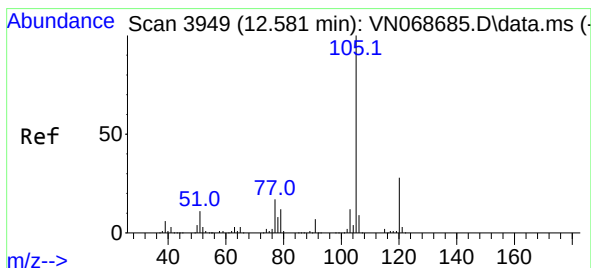
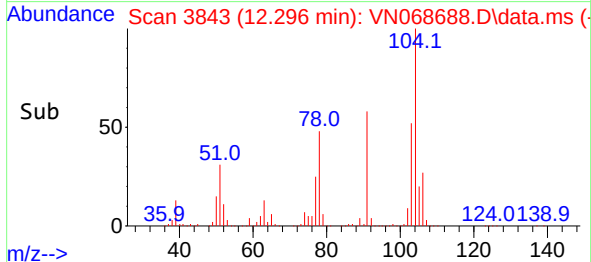
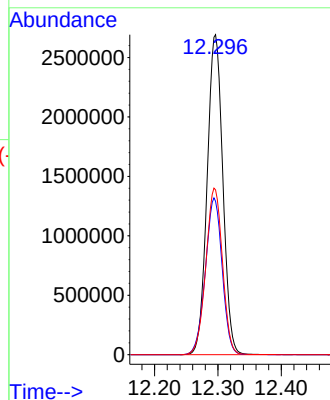
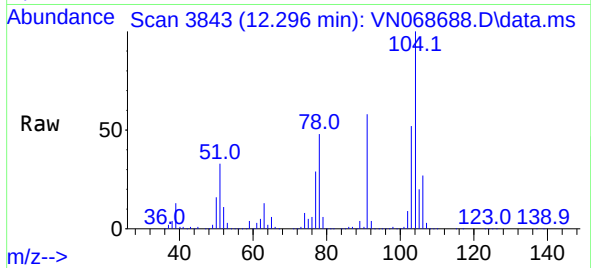
Tgt Ion:104 Resp: 4629579

Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.0	61.6
103	55.2	45.2	67.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Manual Integrations
APPROVED

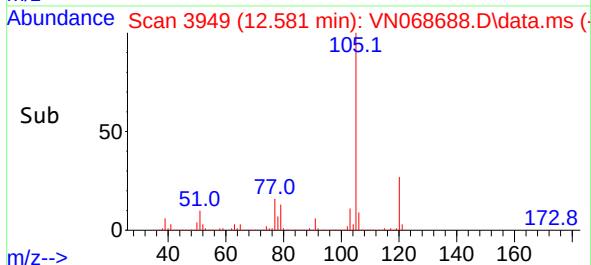
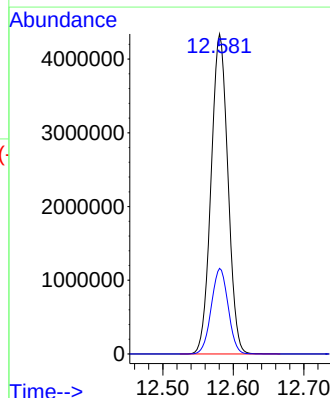
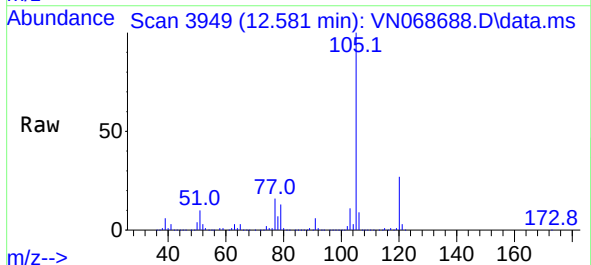
MMDadoda
9/27/2021 11:01:33 AM

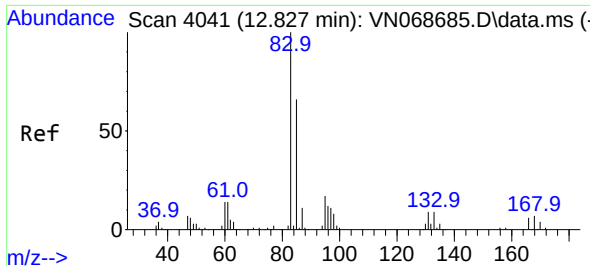


#70
Isopropylbenzene
Concen: 159.449 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion:105 Resp: 7186614

Ion	Ratio	Lower	Upper
105	100		
120	26.7	19.0	35.4





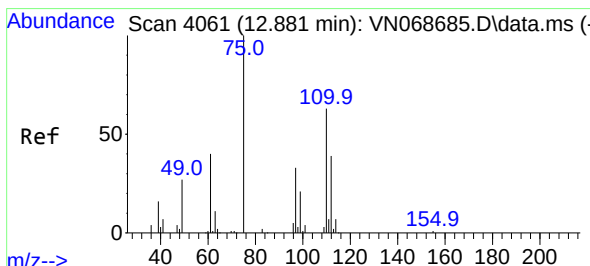
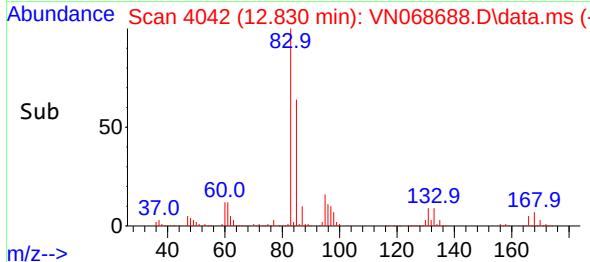
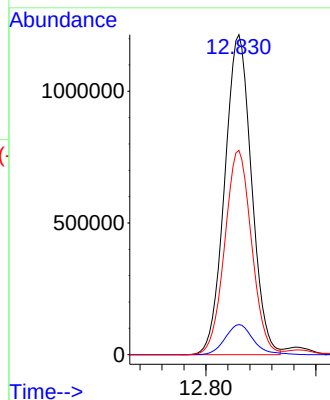
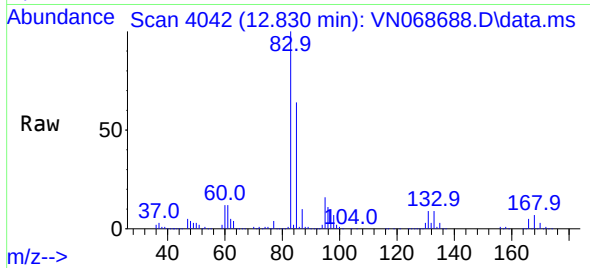
#71
1,1,2,2-Tetrachloroethane
Concen: 164.305 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 83 Resp: 2060120
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 64.2 32.0 96.2

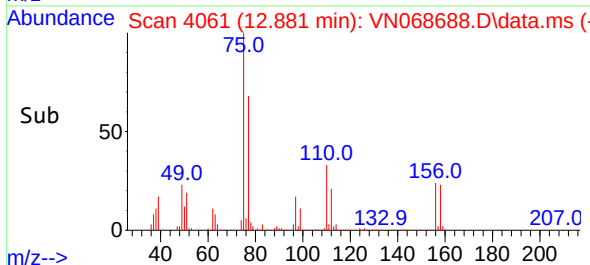
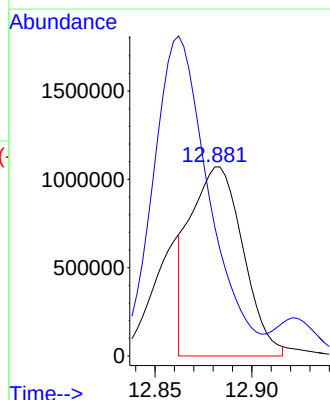
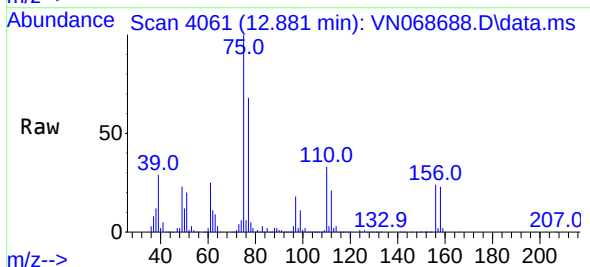
Manual Integrations
APPROVED

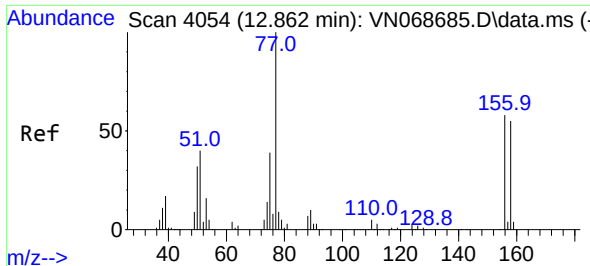
MMDadoda
9/27/2021 11:01:33 AM



#72
1,2,3-Trichloropropane
Concen: 191.092 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 75 Resp: 2016117
Ion Ratio Lower Upper
75 100
77 180.0 0.0 356.6





#73
Bromobenzene
Concen: 129.606 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

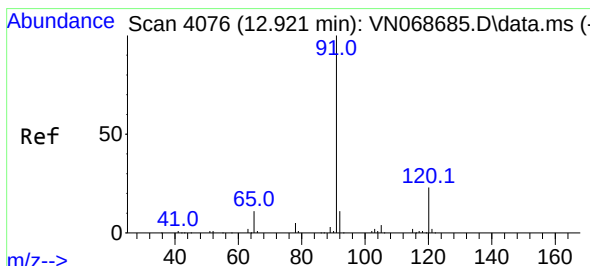
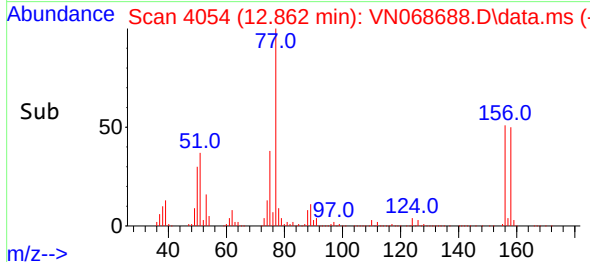
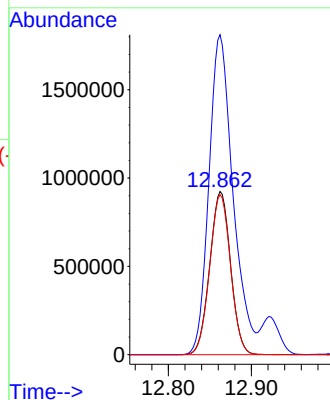
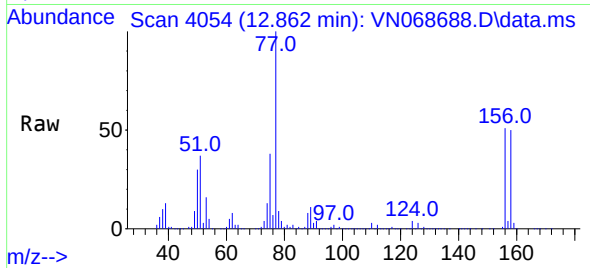
Tgt Ion:156 Resp: 1613472

Ion	Ratio	Lower	Upper
156	100		
77	224.9	0.0	425.8
158	97.9	0.0	196.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

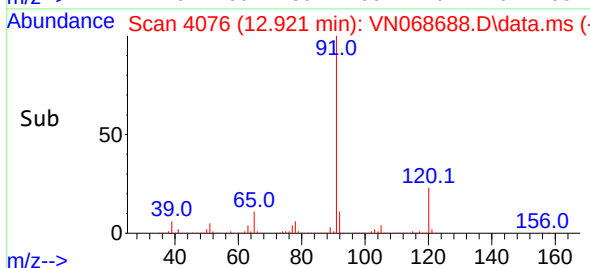
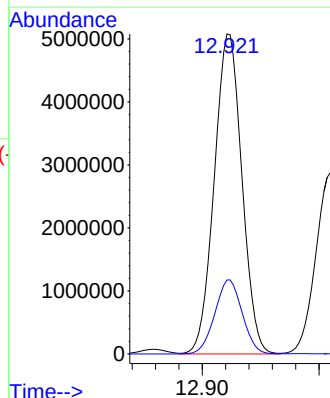
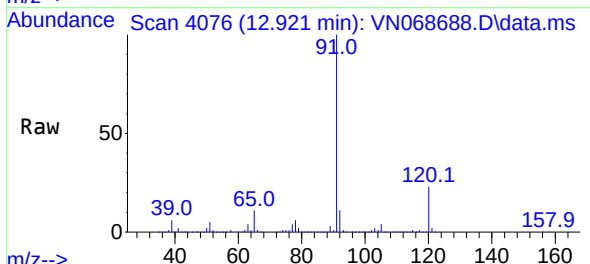
MMDadoda
9/27/2021 11:01:33 AM

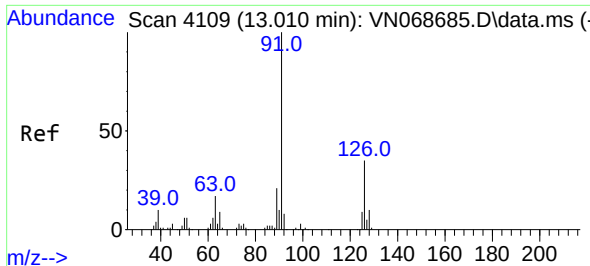


#74
n-propylbenzene
Concen: 169.670 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 91 Resp: 8332949

Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	45.6





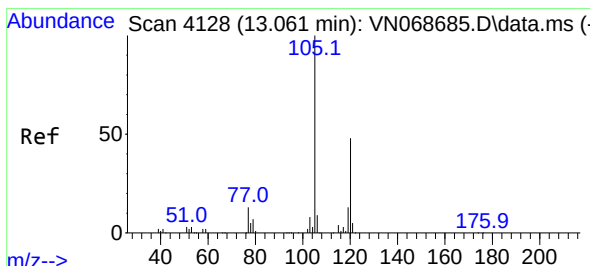
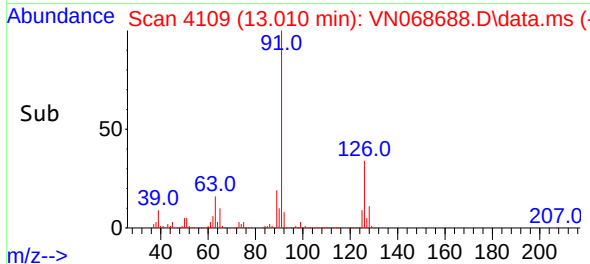
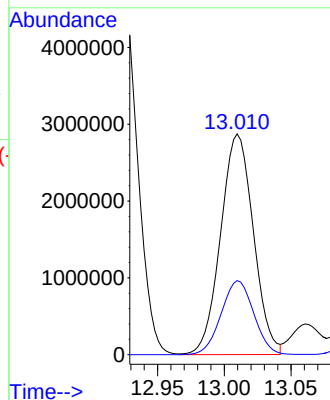
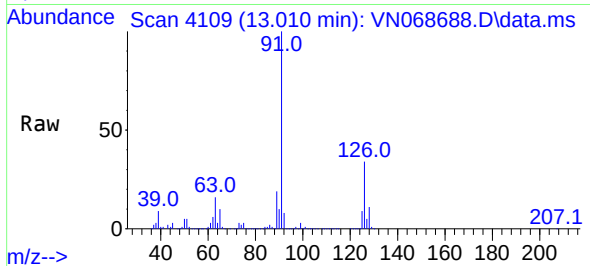
#75
2-Chlorotoluene
Concen: 166.152 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 4907819
Ion Ratio Lower Upper
91 100
126 33.4 0.0 68.6

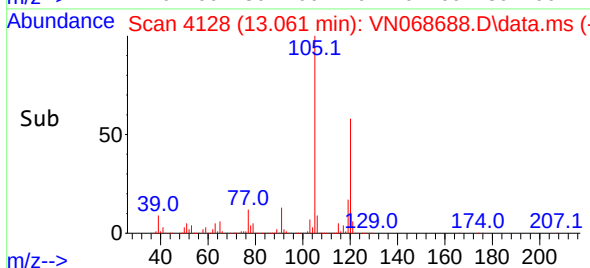
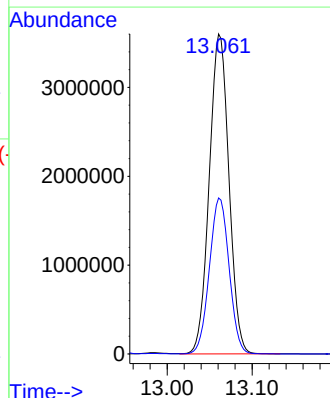
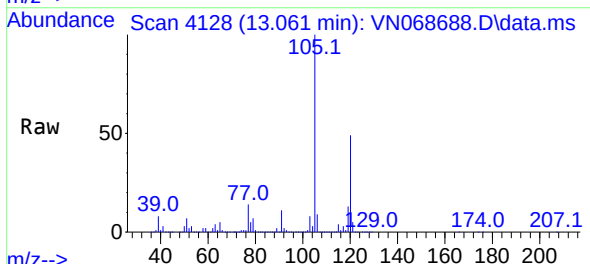
Manual Integrations
APPROVED

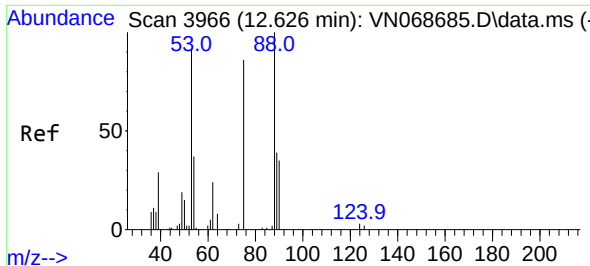
MMDadoda
9/27/2021 11:01:33 AM



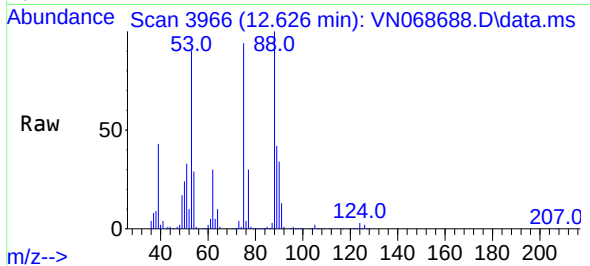
#76
1,3,5-Trimethylbenzene
Concen: 154.101 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Tgt Ion: 105 Resp: 5790775
Ion Ratio Lower Upper
105 100
120 48.9 0.0 98.0

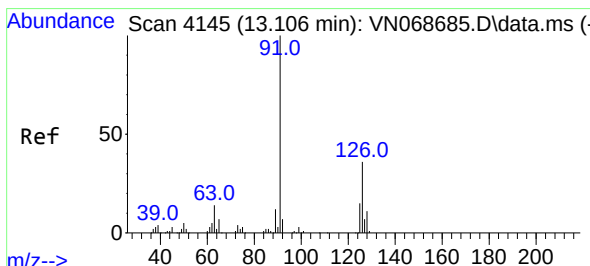
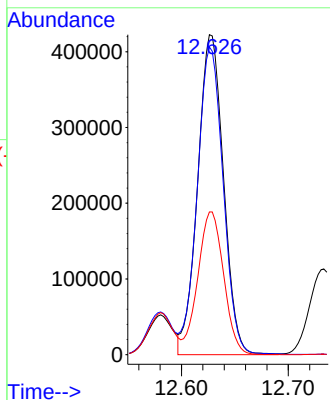
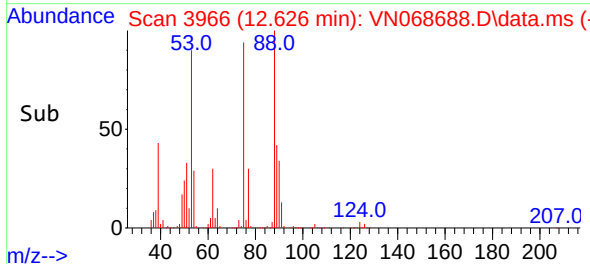




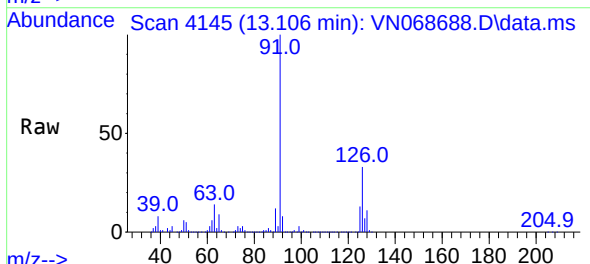
#77
t-1,4-Dichloro-2-butene
Concen: 202.887 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



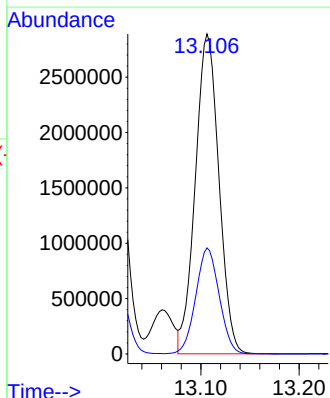
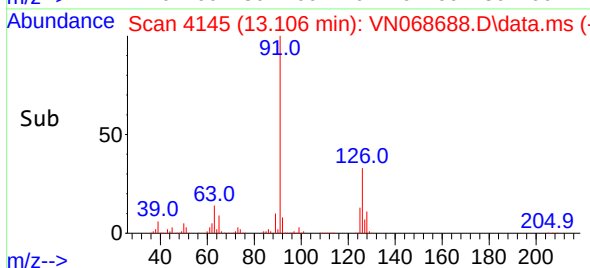
Tgt Ion: 75 Resp: 709288
Ion Ratio Lower Upper
75 100
53 96.1 52.8 158.4
89 44.6 24.8 74.3



#78
4-Chlorotoluene
Concen: 169.922 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



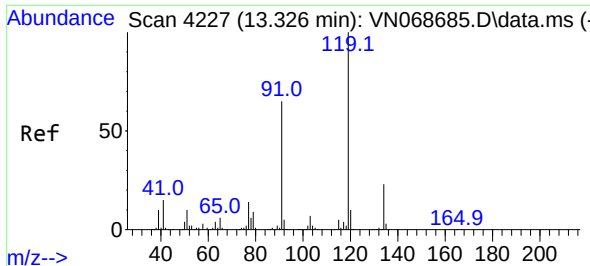
Tgt Ion: 91 Resp: 4807133
Ion Ratio Lower Upper
91 100
126 33.0 0.0 68.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

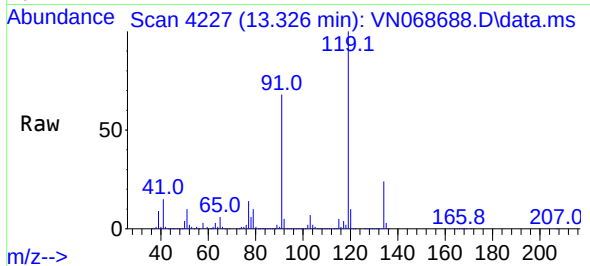
Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM



#79
tert-butylbenzene
Concen: 151.394 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

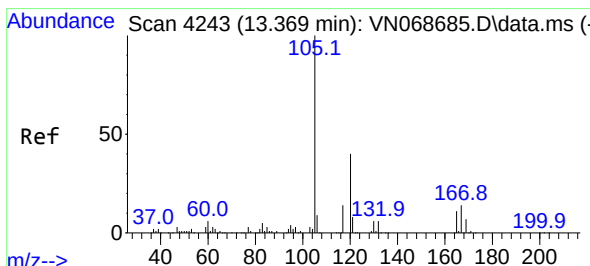
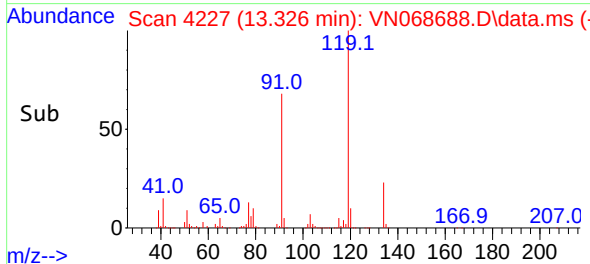
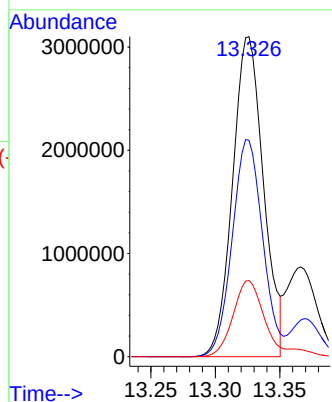
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150



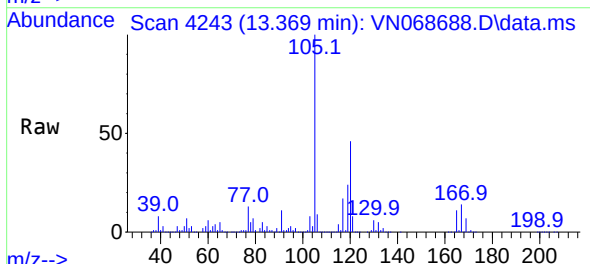
Tgt Ion:119 Resp: 5175803
Ion Ratio Lower Upper
119 100
91 67.1 0.0 133.8
134 23.6 0.0 48.6

Manual Integrations
APPROVED

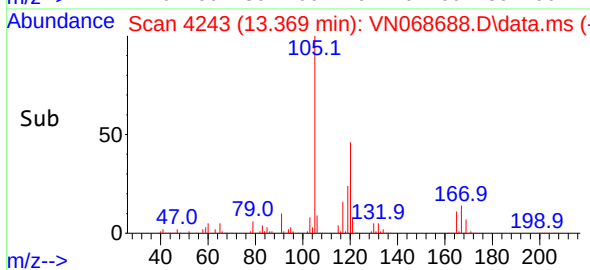
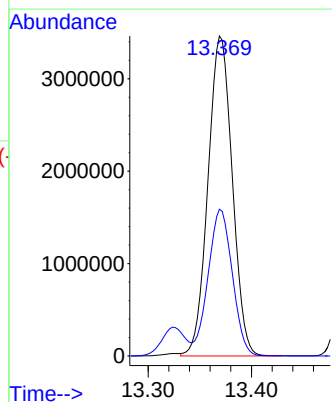
MMDadoda
9/27/2021 11:01:33 AM

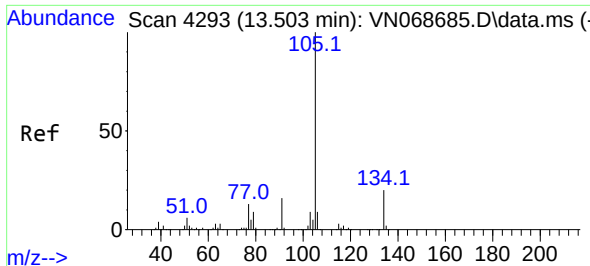


#80
1,2,4-Trimethylbenzene
Concen: 155.531 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



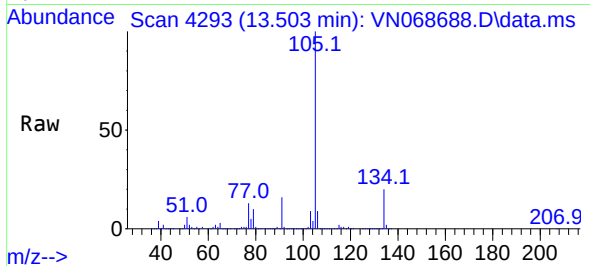
Tgt Ion:105 Resp: 5661393
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 160.969 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN068688.D
 Acq: 26 Sep 2021 1:08

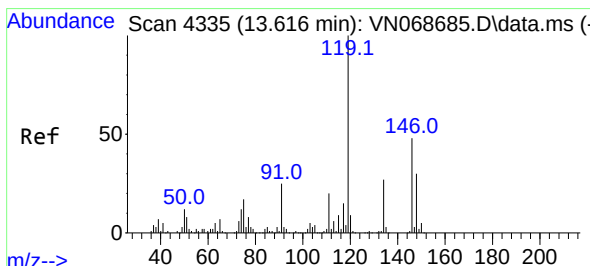
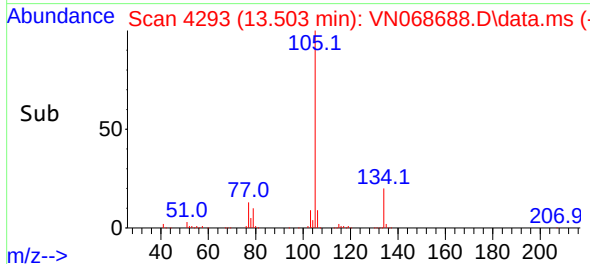
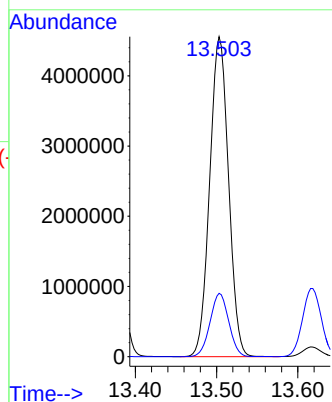
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150



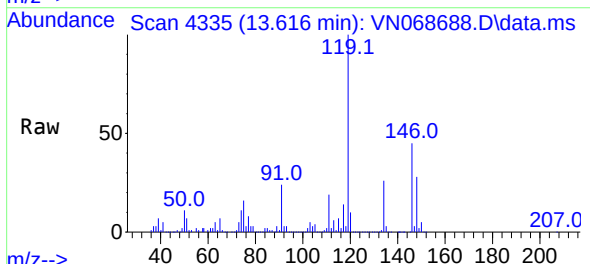
Tgt Ion:105 Resp: 7330369
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

Manual Integrations
 APPROVED

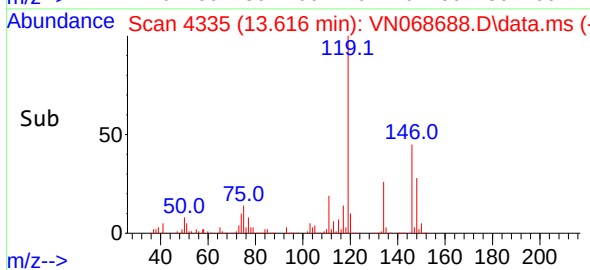
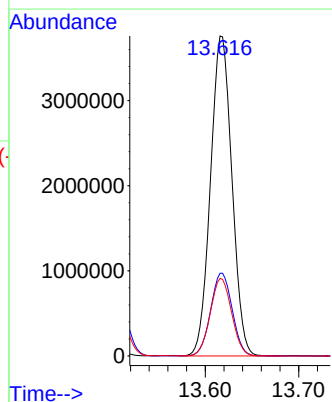
MMDadoda
 9/27/2021 11:01:33 AM

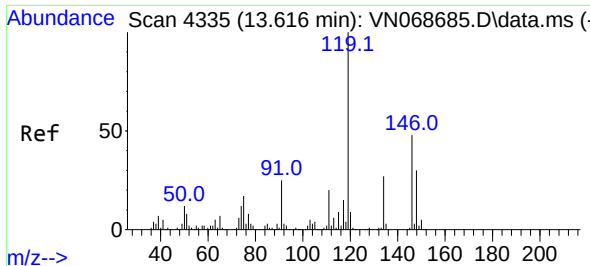


#82
 p-Isopropyltoluene
 Concen: 154.353 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN068688.D
 Acq: 26 Sep 2021 1:08

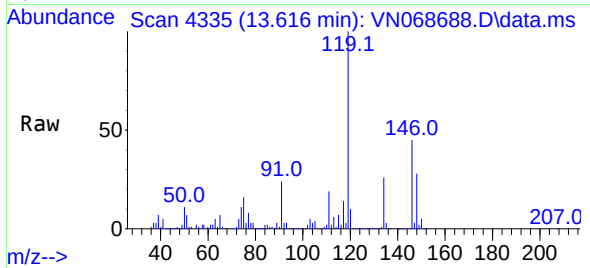


Tgt Ion:119 Resp: 5999698
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.6
 91 24.1 0.0 49.2

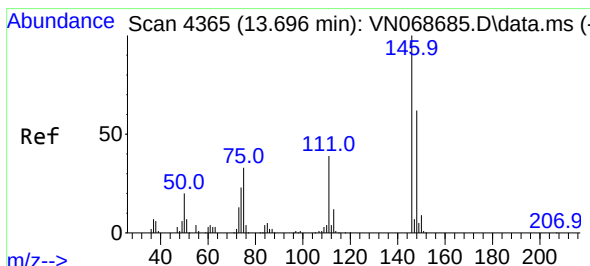
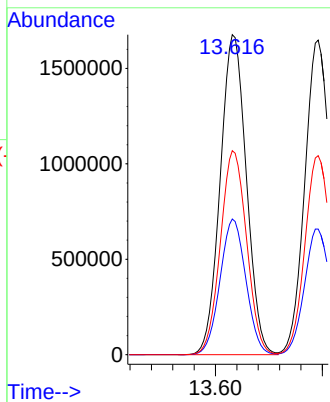
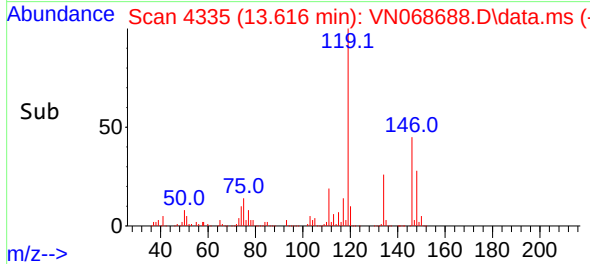




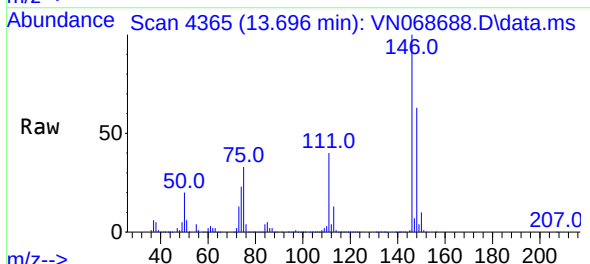
#83
1,3-Dichlorobenzene
Concen: 132.161 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



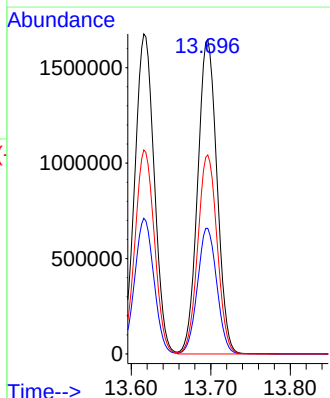
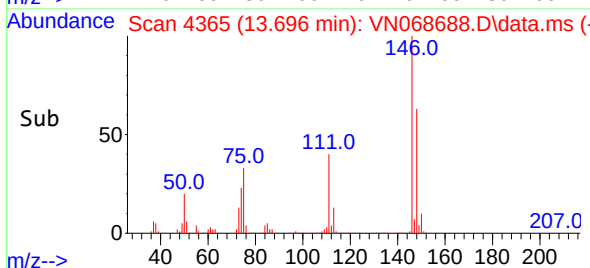
Tgt Ion:146 Resp: 2854168
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.3
148 63.9 31.8 95.3



#84
1,4-Dichlorobenzene
Concen: 133.723 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



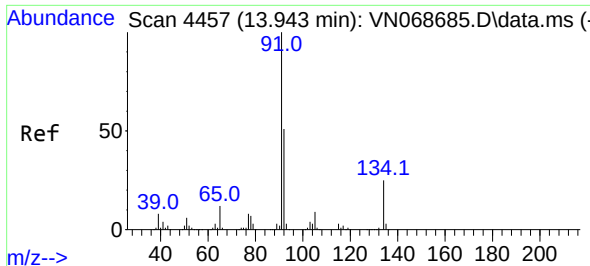
Tgt Ion:146 Resp: 2773775
Ion Ratio Lower Upper
146 100
111 39.9 19.6 58.8
148 63.6 31.8 95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM



#85
n-Butylbenzene
Concen: 181.897 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

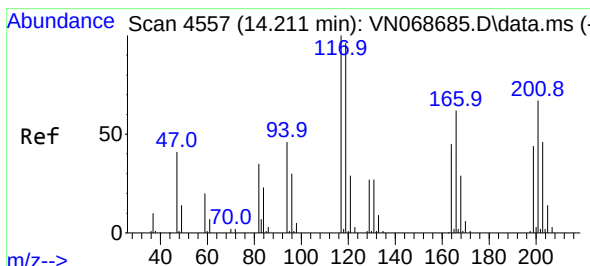
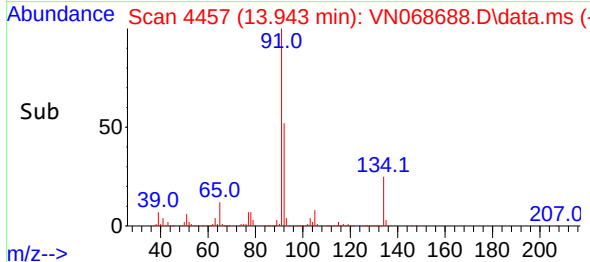
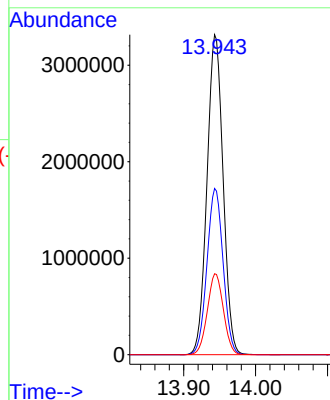
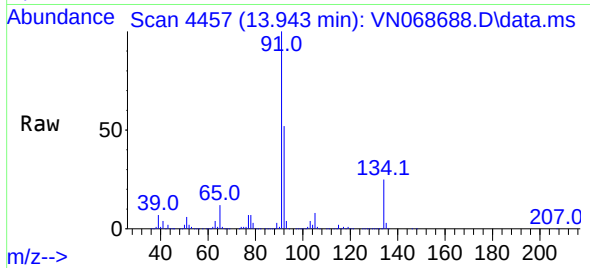
Tgt Ion: 91 Resp: 5160838

Ion	Ratio	Lower	Upper
91	100		
92	52.1	0.0	101.6
134	25.3	0.0	49.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Manual Integrations
APPROVED

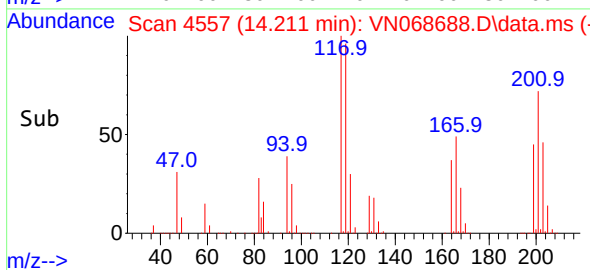
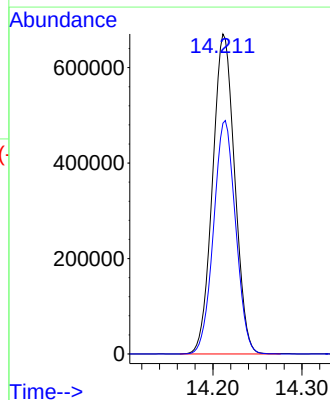
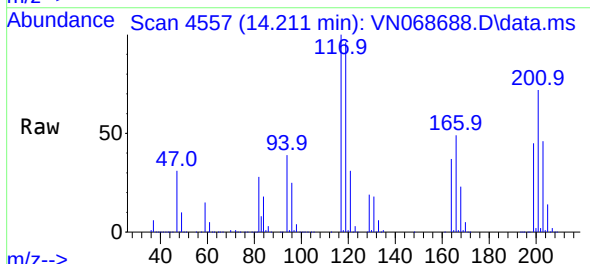
MMDadoda
9/27/2021 11:01:33 AM

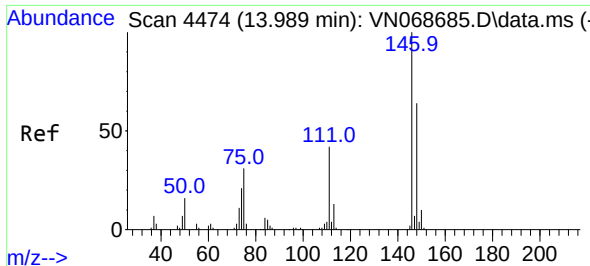


#86
Hexachloroethane
Concen: 160.721 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

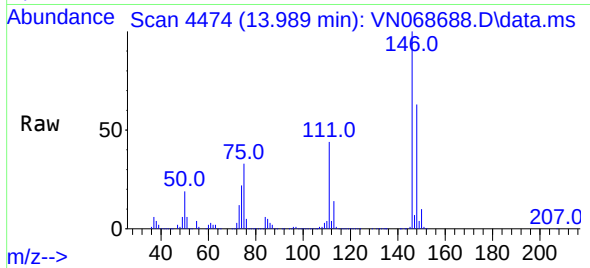
Tgt Ion: 117 Resp: 1159509

Ion	Ratio	Lower	Upper
117	100		
201	72.6	35.5	106.7

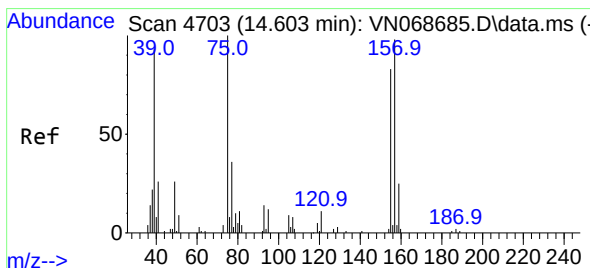
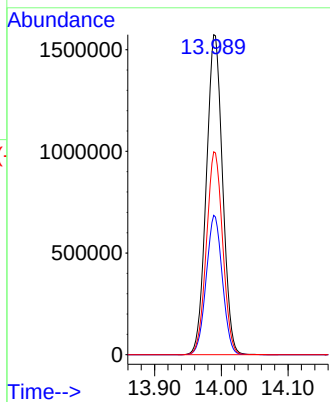
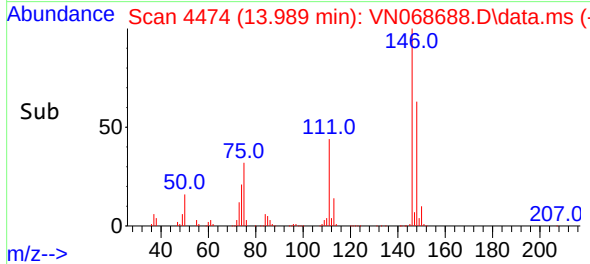




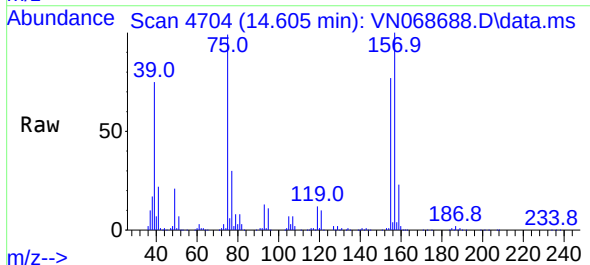
#87
1,2-Dichlorobenzene
Concen: 128.067 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



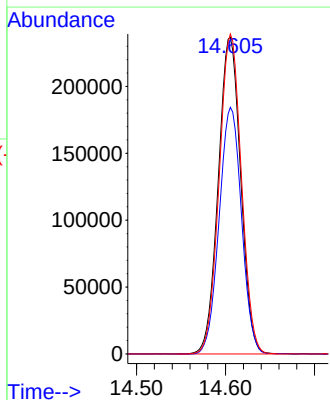
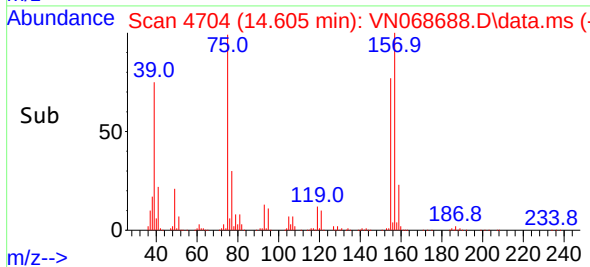
Tgt Ion:146 Resp: 2658515
Ion Ratio Lower Upper
146 100
111 43.4 21.5 64.5
148 63.5 31.9 95.9



#88
1,2-Dibromo-3-Chloropropane
Concen: 189.875 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



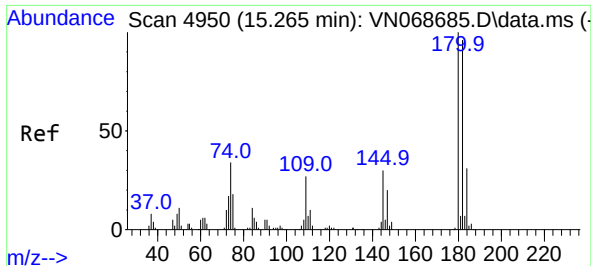
Tgt Ion: 75 Resp: 414710
Ion Ratio Lower Upper
75 100
155 77.6 63.2 94.8
157 100.1 78.6 117.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

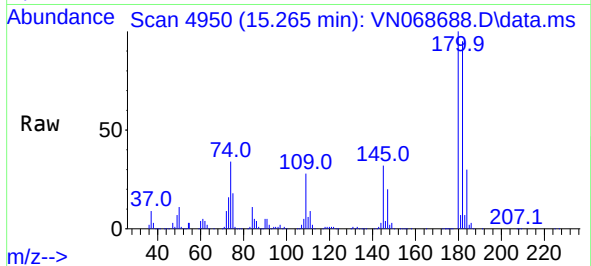
Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM



#89
1,2,4-Trichlorobenzene
Concen: 145.314 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

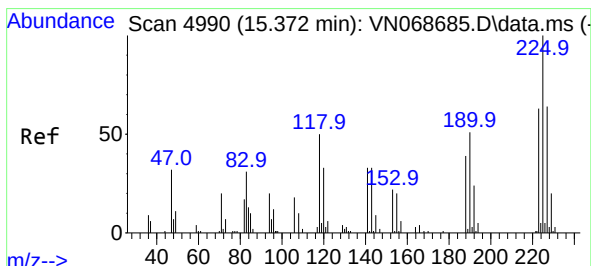
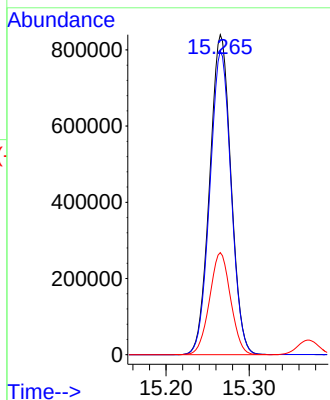
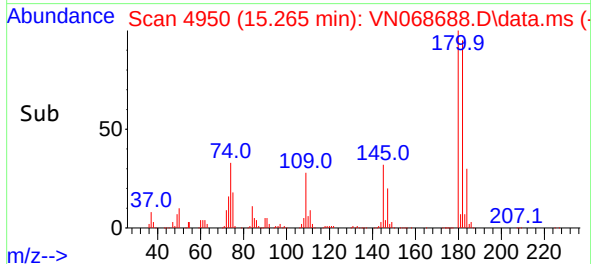
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150



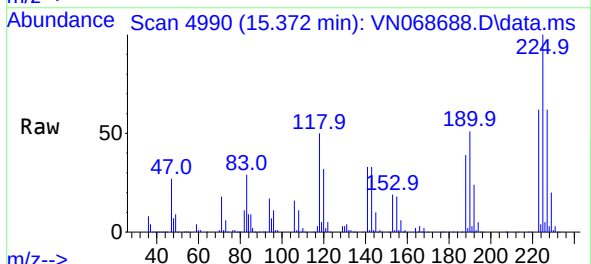
Tgt Ion:180 Resp: 1493492
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 31.6 24.5 36.7

Manual Integrations
APPROVED

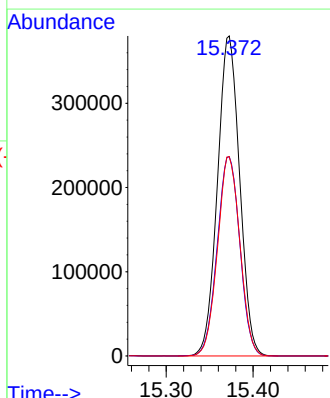
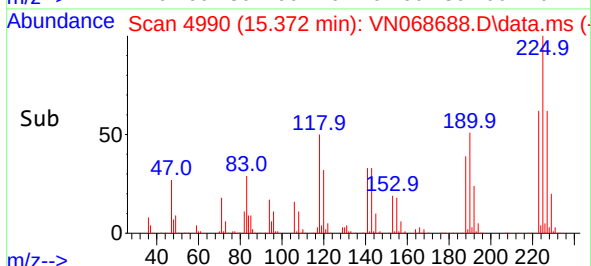
MMDadoda
9/27/2021 11:01:33 AM

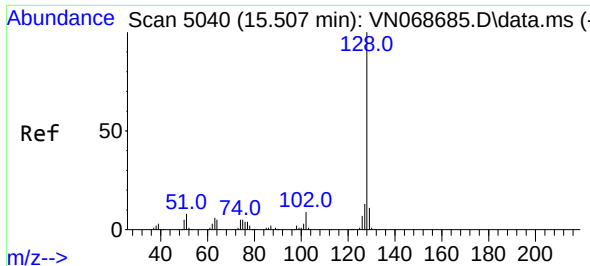


#90
Hexachlorobutadiene
Concen: 107.078 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



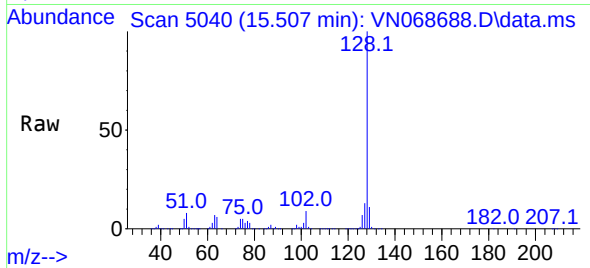
Tgt Ion:225 Resp: 674150
Ion Ratio Lower Upper
225 100
223 63.5 0.0 129.4
227 62.9 0.0 127.0





#91
Naphthalene
Concen: 188.135 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

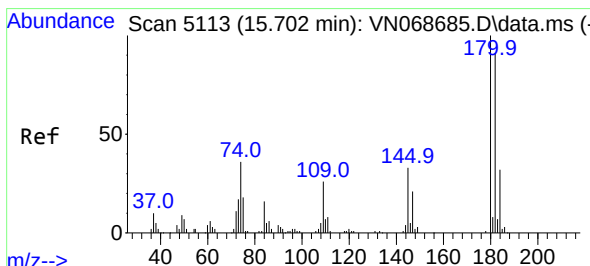
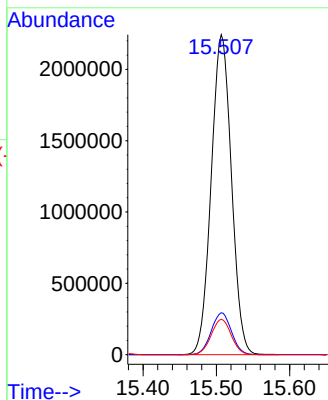
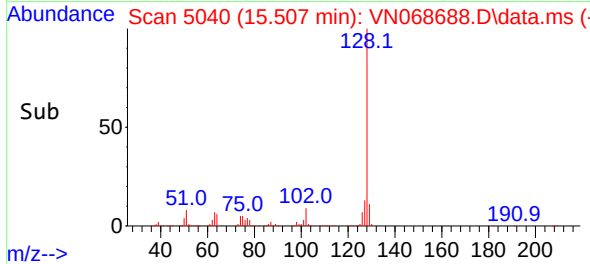


Tgt Ion:128 Resp: 4297127

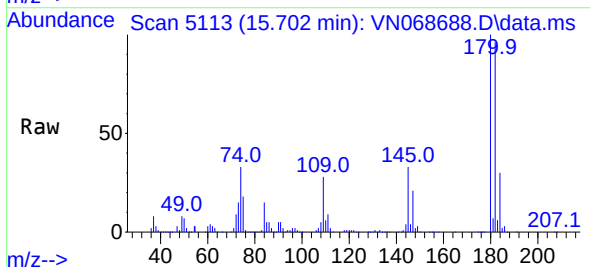
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.9	16.3
129	11.0	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:01:33 AM



#92
1,2,3-Trichlorobenzene
Concen: 145.714 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN068688.D
Acq: 26 Sep 2021 1:08



Tgt Ion:180 Resp: 1412079

Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	190.0
145	33.7	0.0	66.8

