

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067697.D
 Acq On : 9 Jul 2021 19:55
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:45:02 PM

Quant Time: Jul 10 05:20:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	102719	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	600821	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	546147	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	225402	27.155	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.500%	#	
60) 4-Bromofluorobenzene	12.733	95	259067	29.158	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.200%		
63) Toluene-d8	10.443	98	725359	29.026	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.767%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	119574	18.797	ug/l	100
3) Chloromethane	2.301	50	134784	17.602	ug/l	99
4) Vinyl Chloride	2.443	62	176494	14.644	ug/l	95
5) Bromomethane	2.853	94	137315	14.124	ug/l	90
6) Chloroethane	3.017	64	125522m	14.124	ug/l	
7) Trichlorofluoromethane	3.371	101	316847	13.790	ug/l	95
8) Diethyl Ether	3.821	74	77696	12.999	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	112230	22.189	ug/l	76
10) 1,1-Dichloroethene	4.175	96	114447	22.931	ug/l	# 80
11) Methyl Iodide	4.417	142	155274	23.364	ug/l	84
12) Methyl Acetate	4.859	43	134943	21.070	ug/l	# 88
13) Acrolein	4.039	56	107966	119.543	ug/l	96
14) Acrylonitrile	5.557	53	284670	95.692	ug/l	99
15) Acetone	4.291	58	75498	108.340	ug/l	78
16) Carbon Disulfide	4.524	76	285998	19.950	ug/l	99
17) Allyl chloride	4.835	41	165840	18.844	ug/l	93
18) Methylene Chloride	5.093	84	132998	20.539	ug/l	# 84
19) trans-1,2-Dichloroethene	5.591	96	121731	20.284	ug/l	# 79
20) Diisopropyl ether	6.501	45	360876	16.956	ug/l	# 95
21) 1,1-Dichloroethane	6.385	63	210375	18.507	ug/l	96
22) cis-1,2-Dichloroethene	7.327	96	139341	18.987	ug/l	83
23) tert-Butyl Alcohol	5.388	59	107922m	95.337	ug/l	
24) Methyl tert-Butyl Ether	5.621	73	387800	18.493	ug/l	93
25) Chloroform	7.820	83	226544	17.682	ug/l	97
26) Cyclohexane	8.096	56	191067	18.607	ug/l	# 88
29) 1,1-Dichloropropene	8.222	75	164552	17.478	ug/l	94
30) 2-Butanone	7.340	43	397479	92.518	ug/l	93
31) 2,2-Dichloropropane	7.327	77	149869	14.953	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	198900	16.858	ug/l	95
33) Carbon Tetrachloride	8.206	117	171778	17.175	ug/l	98
34) Benzene	8.458	78	585707	20.179	ug/l	95
35) Methacrylonitrile	7.640	41	78219	16.742	ug/l	90
36) 1,2-Dichloroethane	8.531	62	172900	16.193	ug/l	# 95
37) Trichloroethene	9.217	130	139881	19.256	ug/l	83
38) Methylcyclohexane	9.461	83	193313	18.470	ug/l	89
39) 1,2-Dichloropropane	9.491	63	126474	17.429	ug/l	99
40) Dibromomethane	9.579	93	91004	16.961	ug/l	84
41) Bromodichloromethane	9.765	83	169664	16.294	ug/l	97
42) Vinyl Acetate	6.436	43	1535074	81.580	ug/l	# 95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067697.D
 Acq On : 9 Jul 2021 19:55
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

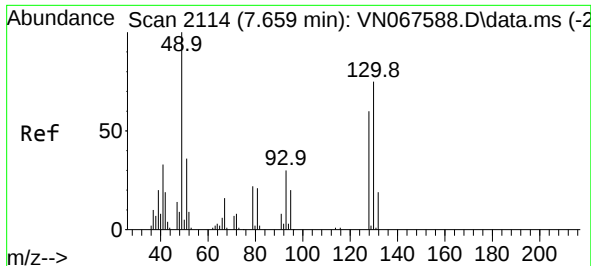
Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:45:02 PM

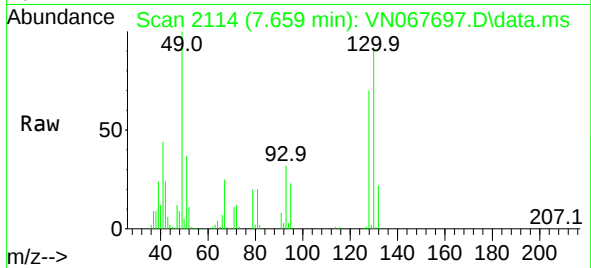
Quant Time: Jul 10 05:20:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	145912	15.648	ug/l #	68
44) Isopropyl Acetate	8.566	43	270291	16.358	ug/l	96
45) 1,4-Dioxane	9.574	88	44758	345.345	ug/l #	88
46) Methyl methacrylate	9.561	41	115552	16.325	ug/l	88
47) n-amyl Acetate	12.390	43	224043	16.122	ug/l	98
48) t-1,3-Dichloropropene	10.722	75	174844	15.608	ug/l	97
49) cis-1,3-Dichloropropene	10.191	75	192938	16.338	ug/l	89
50) 1,1,2-Trichloroethane	10.902	97	129274	17.052	ug/l	95
51) Ethyl methacrylate	10.762	69	194962	16.323	ug/l	89
52) 1,3-Dichloropropane	11.047	76	208573	16.655	ug/l	100
53) Dibromochloromethane	11.240	129	129765	15.885	ug/l	98
54) 1,2-Dibromoethane	11.347	107	131842	16.666	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	202110	79.546	ug/l #	94
56) Bromoform	12.463	173	90291	15.876	ug/l #	98
58) 4-Methyl-2-Pentanone	10.333	43	820724	86.355	ug/l #	93
59) 2-Hexanone	11.087	43	581797	87.878	ug/l	92
61) Tetrachloroethene	10.979	164	136199	20.241	ug/l	93
62) Toluene	10.507	91	1468778	45.722	ug/l	99
64) Chlorobenzene	11.773	112	357281	18.771	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	129478	18.254	ug/l	99
66) Ethyl Benzene	11.846	91	728654	20.581	ug/l	94
67) m/p-Xylenes	11.956	106	628937	45.760	ug/l	84
68) o-Xylene	12.283	106	288637	21.080	ug/l	82
69) Styrene	12.296	104	394318	17.534	ug/l	93
70) Isopropylbenzene	12.581	105	612773	17.492	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.830	83	178845	17.751	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	162496m	18.534	ug/l	
73) Bromobenzene	12.862	156	152470	19.200	ug/l	66
74) n-propylbenzene	12.924	91	704877	17.802	ug/l	93
75) 2-Chlorotoluene	13.010	91	427059	17.938	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	525491	18.164	ug/l	93
77) t-1,4-Dichloro-2-butene	12.629	75	45236	15.737	ug/l	94
78) 4-Chlorotoluene	13.109	91	410456	17.334	ug/l	87
79) tert-butylbenzene	13.326	119	438858	18.035	ug/l	86
80) 1,2,4-Trimethylbenzene	13.372	105	639147m	22.427	ug/l	
81) sec-Butylbenzene	13.503	105	585596	17.503	ug/l	93
82) p-Isopropyltoluene	13.619	119	490539	17.879	ug/l	91
83) 1,3-Dichlorobenzene	13.619	146	268794	18.237	ug/l	93
84) 1,4-Dichlorobenzene	13.696	146	262839	18.412	ug/l	94
85) n-Butylbenzene	13.946	91	392241	17.299	ug/l	97
86) Hexachloroethane	14.214	117	79158	16.915	ug/l	86
87) 1,2-Dichlorobenzene	13.991	146	261301	18.398	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.603	75	32397	17.988	ug/l #	53
89) 1,2,4-Trichlorobenzene	15.265	180	136351	22.298	ug/l	97
90) Hexachlorobutadiene	15.373	225	62640	22.106	ug/l	96
91) Naphthalene	15.509	128	526749	27.956	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	136533	23.410	ug/l	95

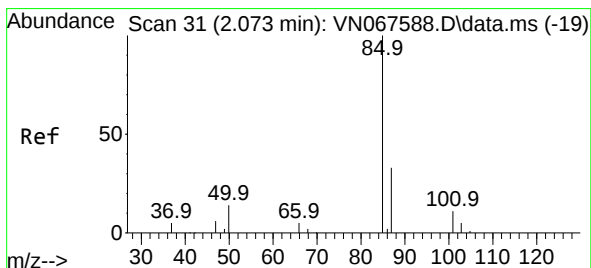
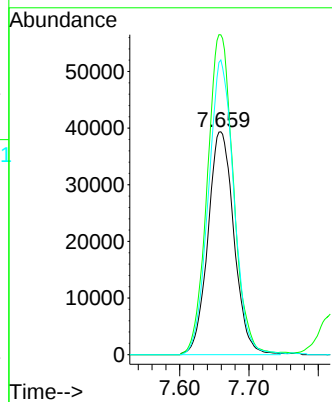
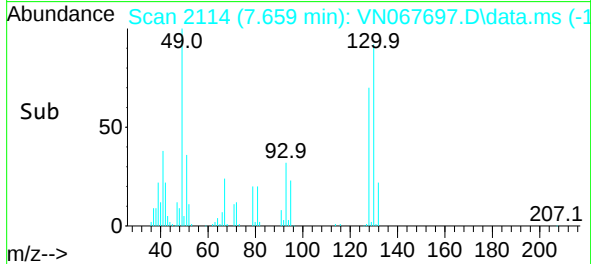
(#) = qualifier out of range (m) = manual integration (+) = signals summed



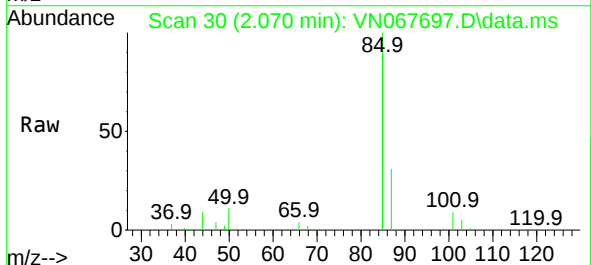
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



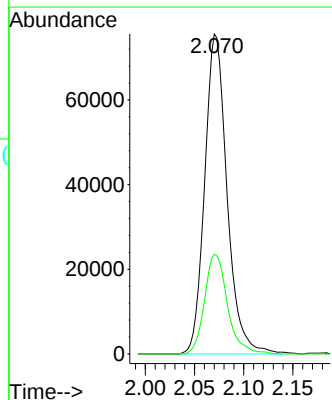
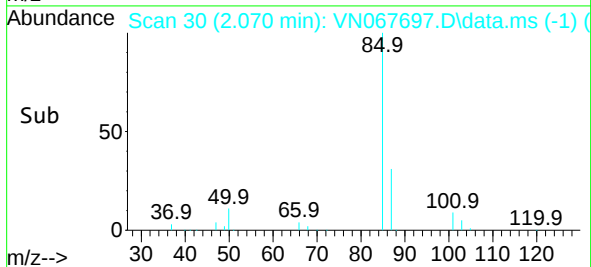
Tgt Ion:128 Resp: 102719
Ion Ratio Lower Upper
128 100
49 143.8 0.0 517.5
130 129.1 0.0 325.8



#2
Dichlorodifluoromethane
Concen: 18.797 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



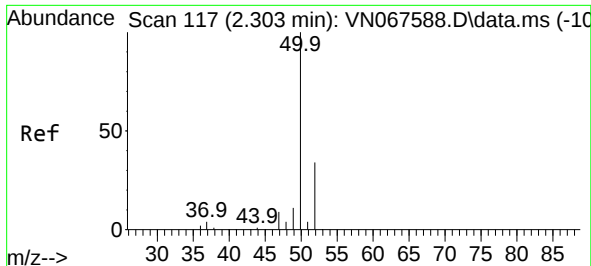
Tgt Ion: 85 Resp: 119574
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0



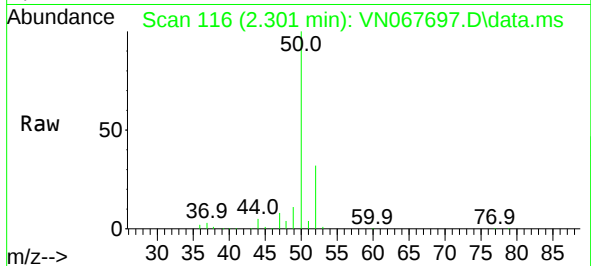
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

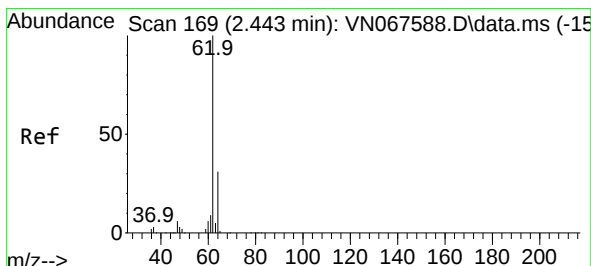
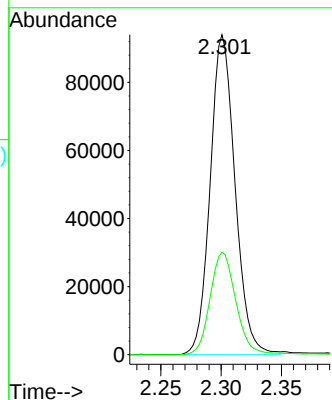
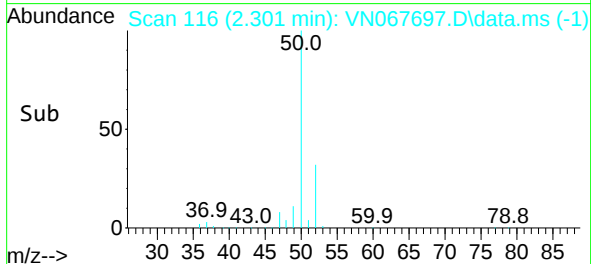
MMDadoda
7/12/2021 5:45:02 PM



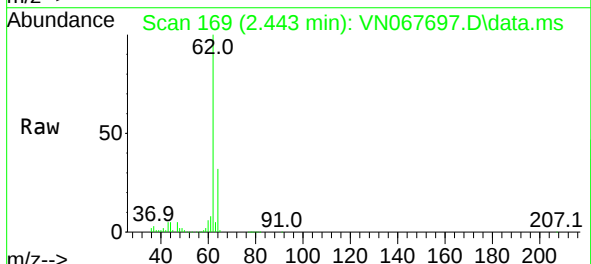
#3
Chloromethane
Concen: 17.602 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



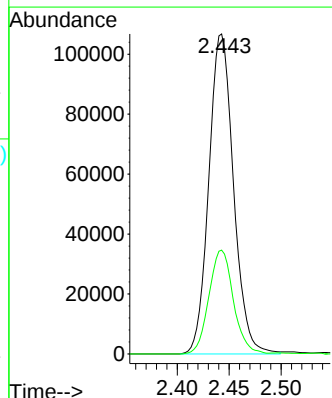
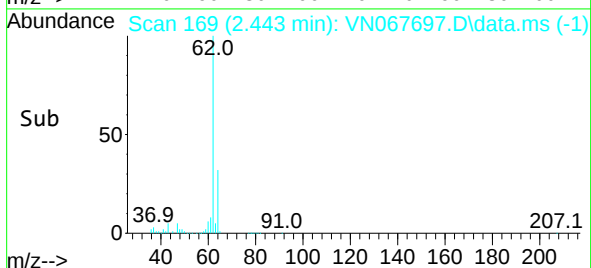
Tgt Ion: 50 Resp: 134784
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 14.644 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



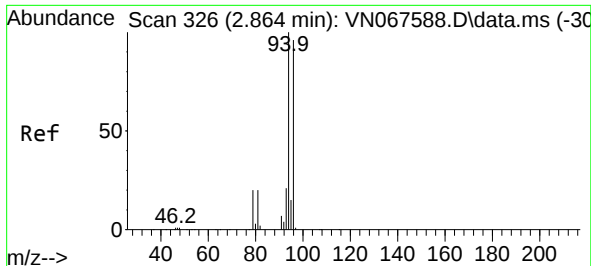
Tgt Ion: 62 Resp: 176494
Ion Ratio Lower Upper
62 100
64 32.5 23.7 35.5



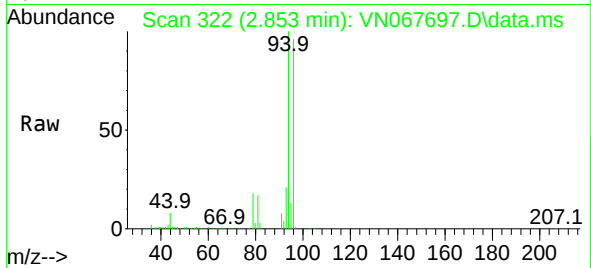
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

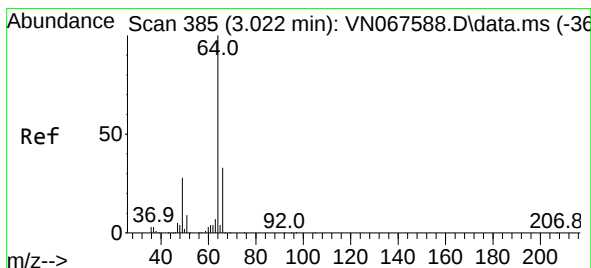
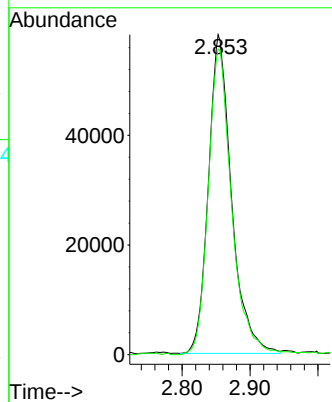
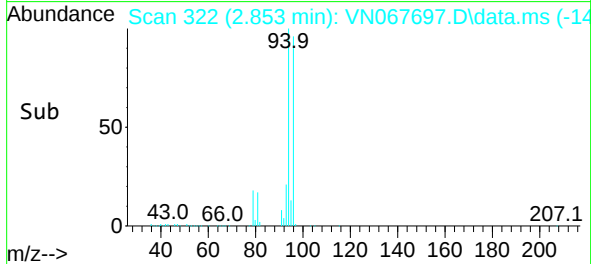
MMDadoda
7/12/2021 5:45:02 PM



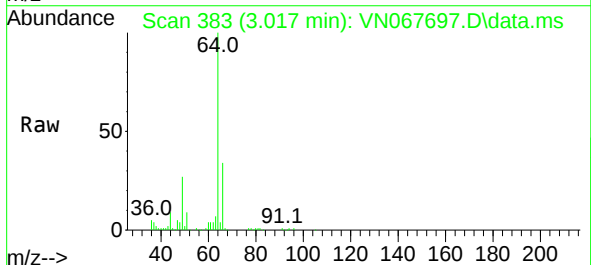
#5
Bromomethane
Concen: 14.124 ug/l
RT: 2.853 min Scan# 322
Delta R.T. -0.011 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



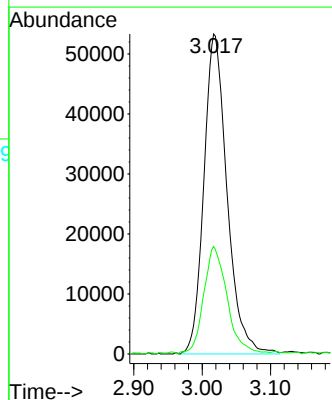
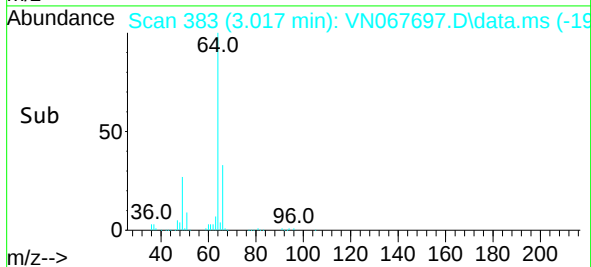
Tgt Ion: 94 Resp: 137315
Ion Ratio Lower Upper
94 100
96 95.9 69.4 104.2



#6
Chloroethane
Concen: 14.124 ug/l m
RT: 3.017 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



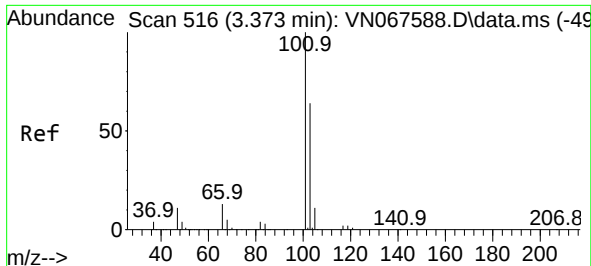
Tgt Ion: 64 Resp: 125522
Ion Ratio Lower Upper
64 100
66 33.6 21.5 32.3#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

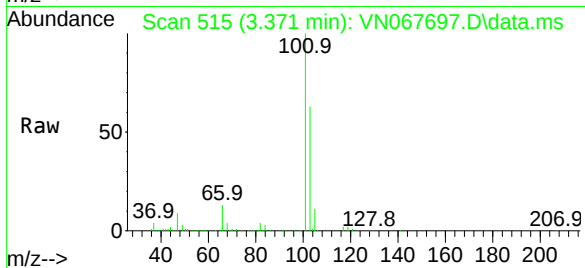
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:45:02 PM



#7
 Trichlorofluoromethane
 Concen: 13.790 ug/l
 RT: 3.371 min Scan# 515
 Delta R.T. -0.003 min
 Lab File: VN067697.D
 Acq: 9 Jul 2021 19:55

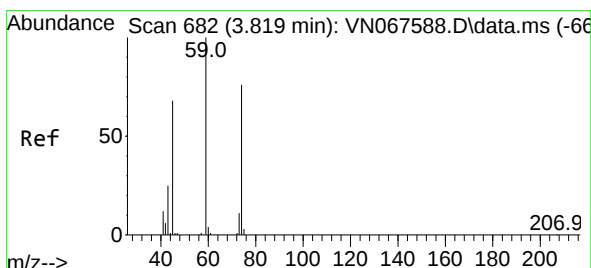
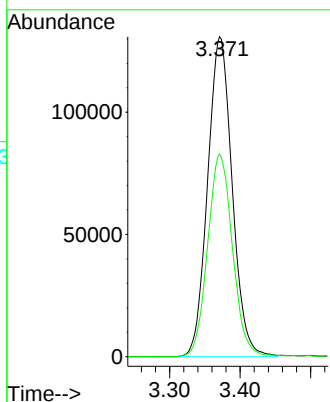
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



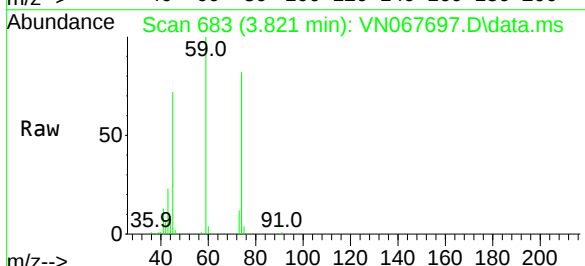
Tgt Ion:101 Resp: 316847
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.7 80.5

Manual Integrations
 APPROVED

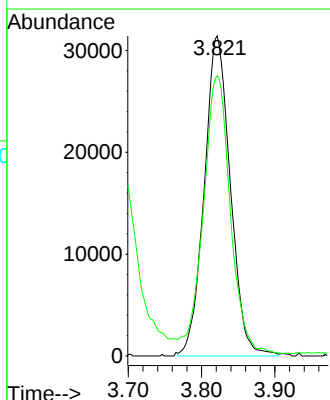
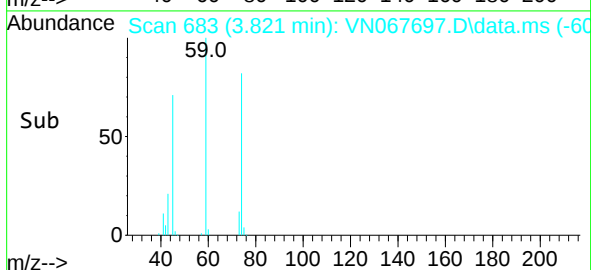
MMDadoda
 7/12/2021 5:45:02 PM

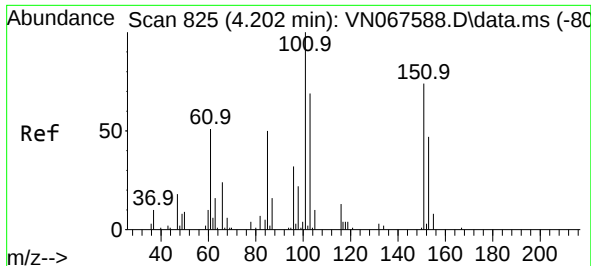


#8
 Diethyl Ether
 Concen: 12.999 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.003 min
 Lab File: VN067697.D
 Acq: 9 Jul 2021 19:55



Tgt Ion: 74 Resp: 77696
 Ion Ratio Lower Upper
 74 100
 45 84.3 20.3 182.5





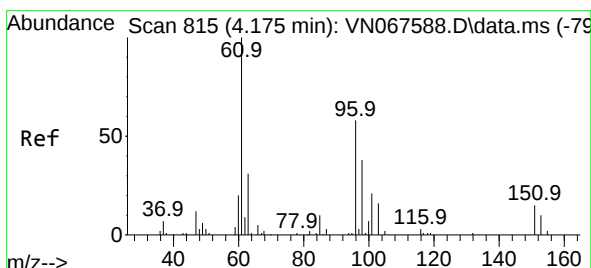
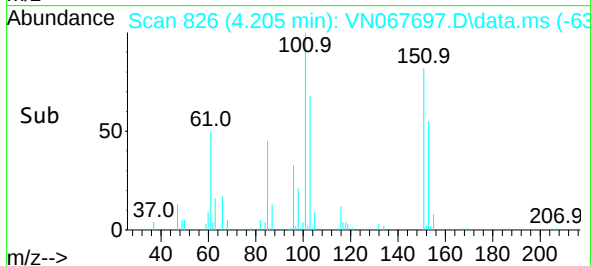
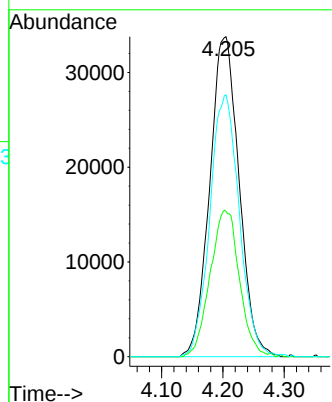
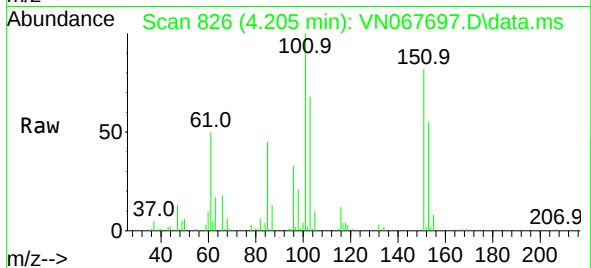
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.189 ug/l
RT: 4.205 min Scan# 826
Delta R.T. 0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 101 Resp: 112230
Ion Ratio Lower Upper
101 100
85 27.5 0.0 97.8
151 82.0 0.0 135.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

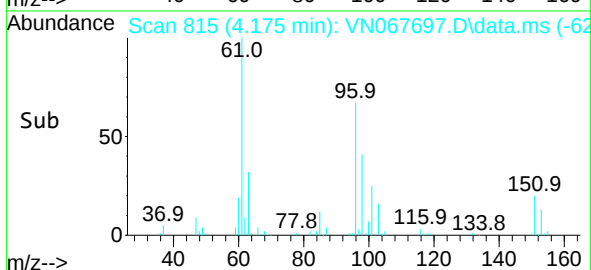
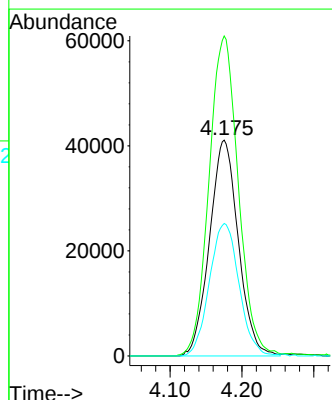
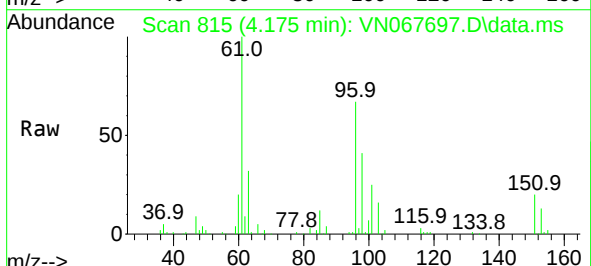
Manual Integrations
APPROVED

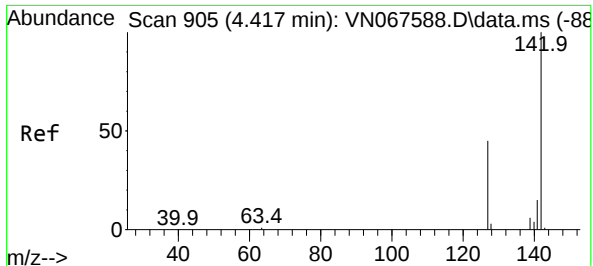
MMDadoda
7/12/2021 5:45:02 PM



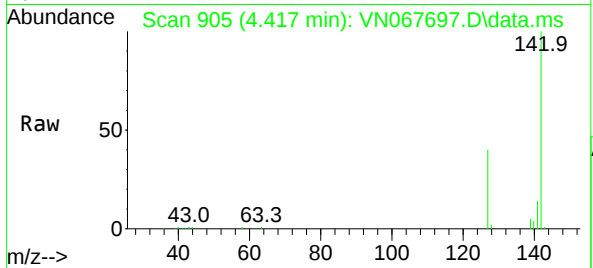
#10
1,1-Dichloroethene
Concen: 22.931 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 96 Resp: 114447
Ion Ratio Lower Upper
96 100
61 147.6 148.3 222.5#
98 61.3 48.6 73.0

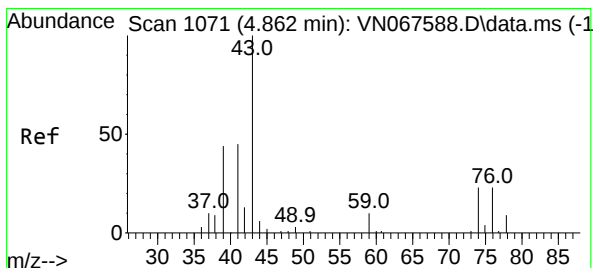
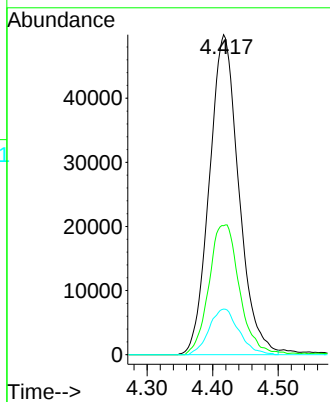
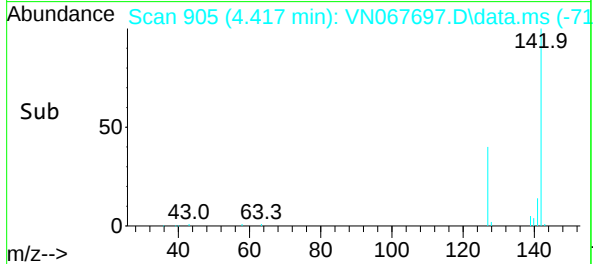




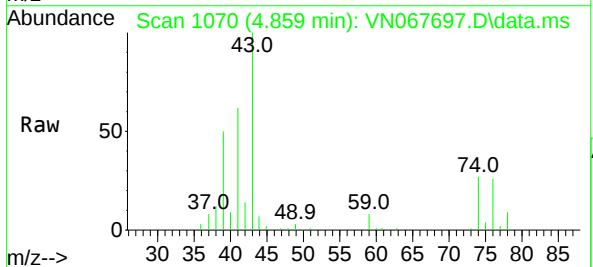
#11
Methyl Iodide
Concen: 23.364 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



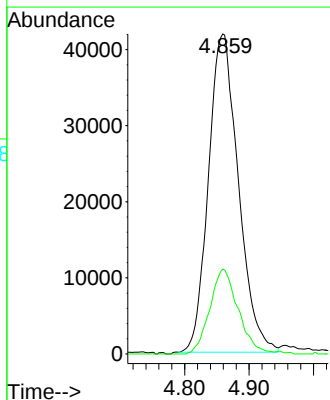
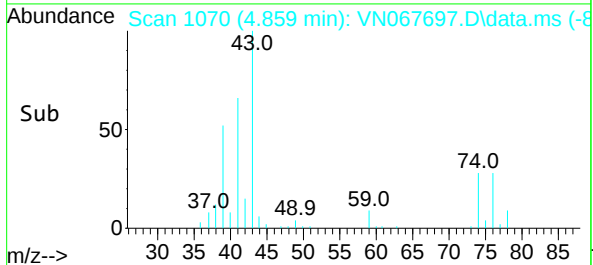
Tgt Ion:142 Resp: 155274
Ion Ratio Lower Upper
142 100
127 40.2 27.2 81.5
141 14.4 6.9 20.7



#12
Methyl Acetate
Concen: 21.070 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



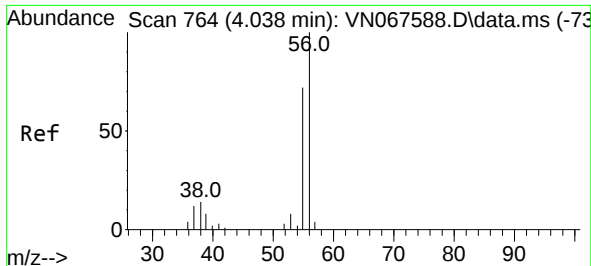
Tgt Ion: 43 Resp: 134943
Ion Ratio Lower Upper
43 100
74 26.4 16.6 25.0#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:45:02 PM



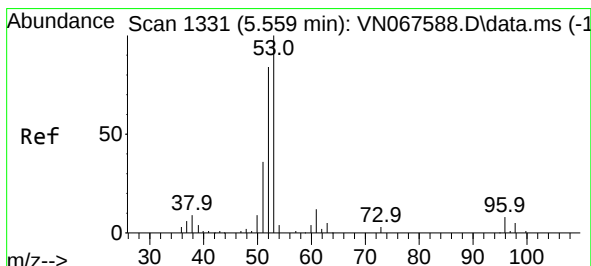
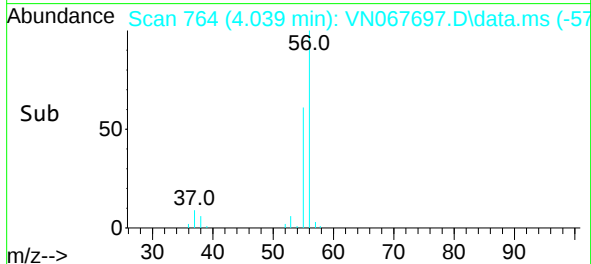
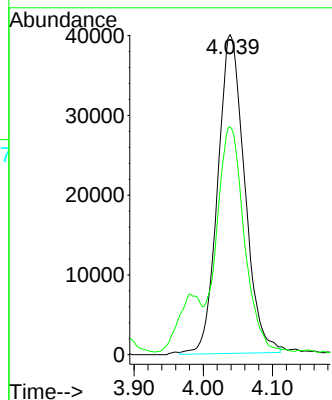
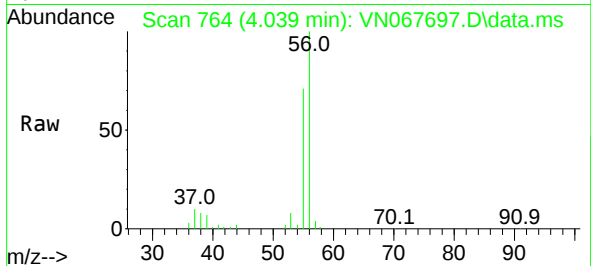
#13
Acrolein
Concen: 119.543 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 56 Resp: 107966
Ion Ratio Lower Upper
56 100
55 68.7 57.5 86.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

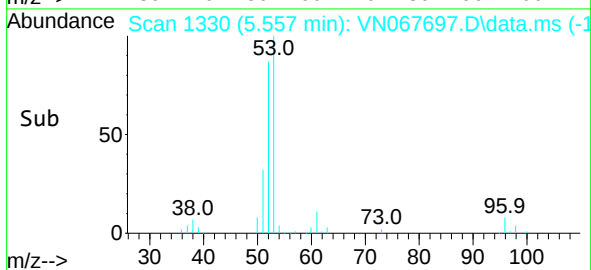
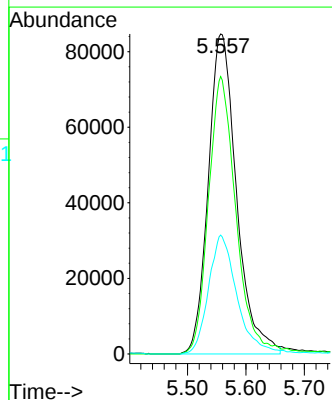
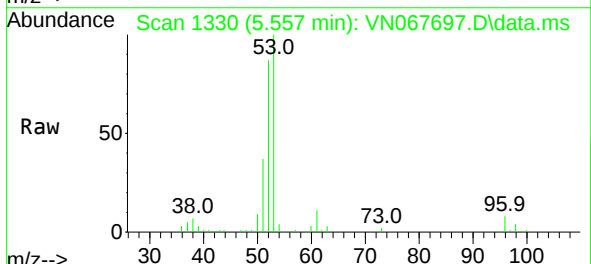
Manual Integrations
APPROVED

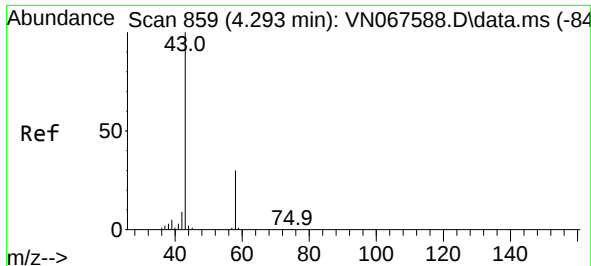
MMDadoda
7/12/2021 5:45:02 PM



#14
Acrylonitrile
Concen: 95.692 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 53 Resp: 284670
Ion Ratio Lower Upper
53 100
52 82.5 41.8 125.4
51 37.4 18.1 54.3





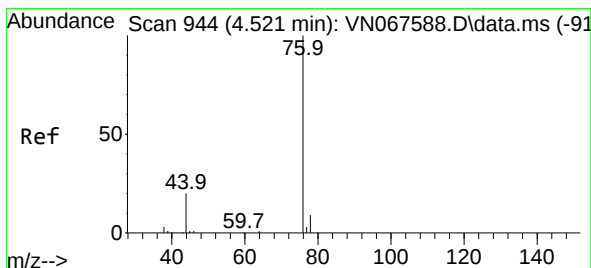
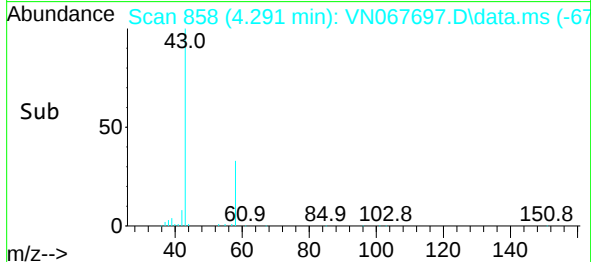
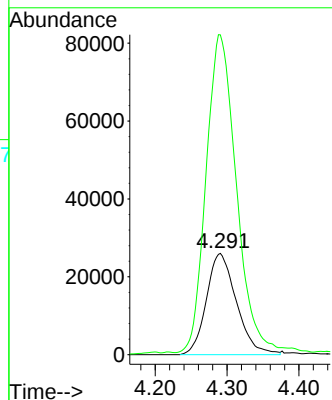
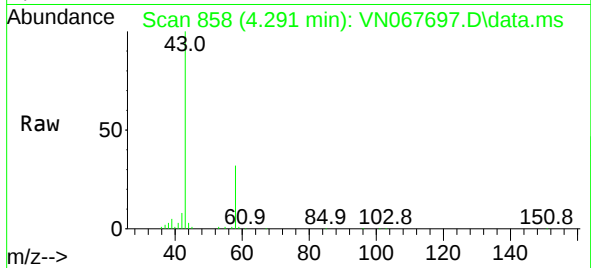
#15
Acetone
Concen: 108.340 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 58 Resp: 75498
Ion Ratio Lower Upper
58 100
43 312.6 289.6 434.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

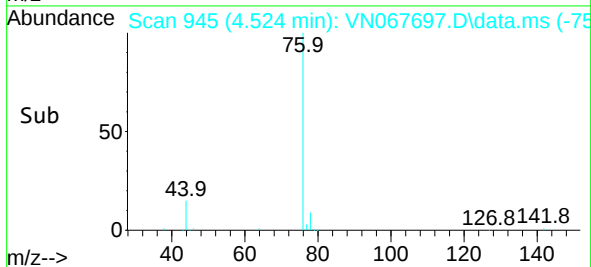
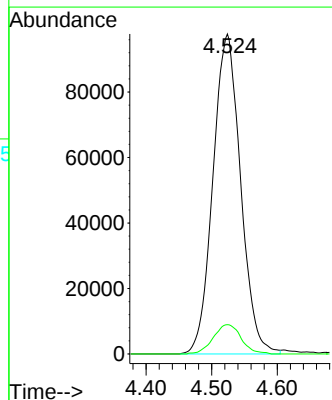
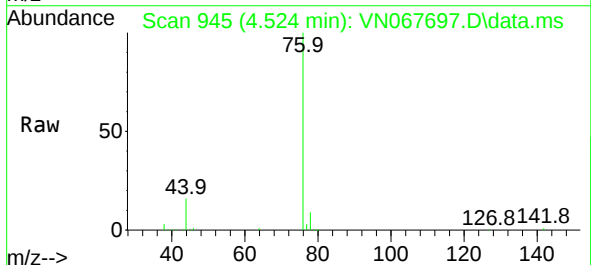
Manual Integrations
APPROVED

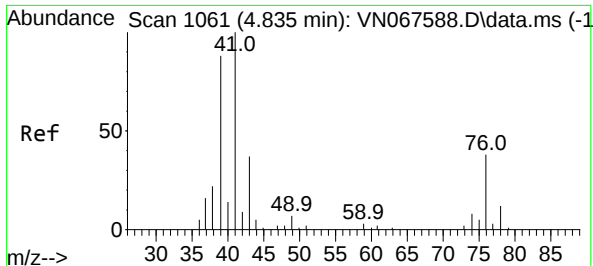
MMDadoda
7/12/2021 5:45:02 PM



#16
Carbon Disulfide
Concen: 19.950 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

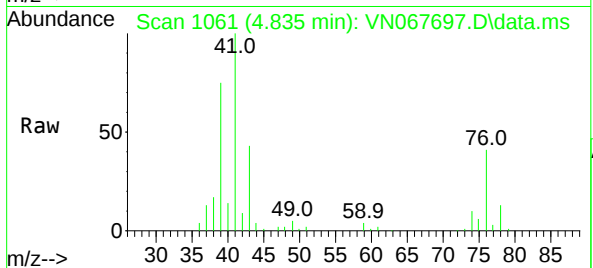
Tgt Ion: 76 Resp: 285998
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4





#17
Allyl chloride
Concen: 18.844 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

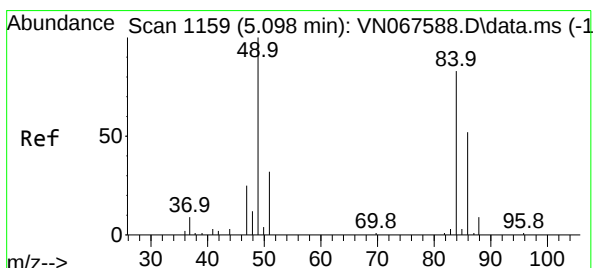
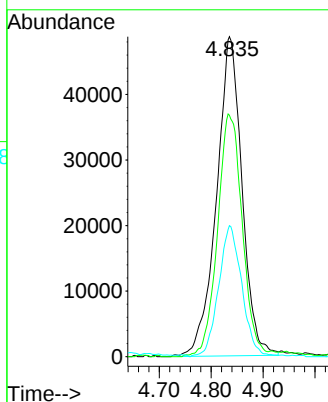
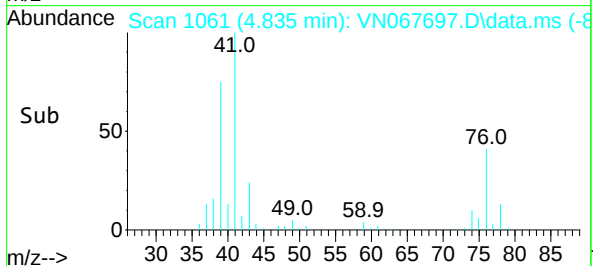
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



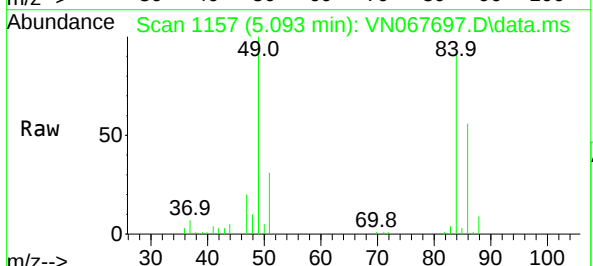
Tgt Ion: 41 Resp: 165840
Ion Ratio Lower Upper
41 100
39 75.8 39.8 119.4
76 40.7 16.8 50.4

Manual Integrations
APPROVED

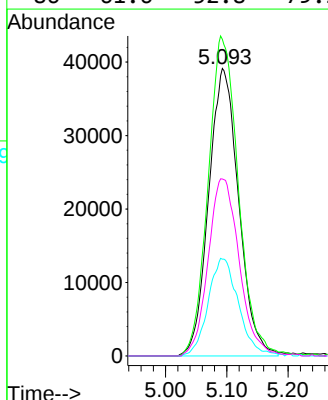
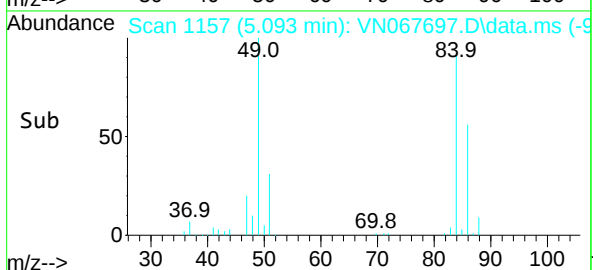
MMDadoda
7/12/2021 5:45:02 PM

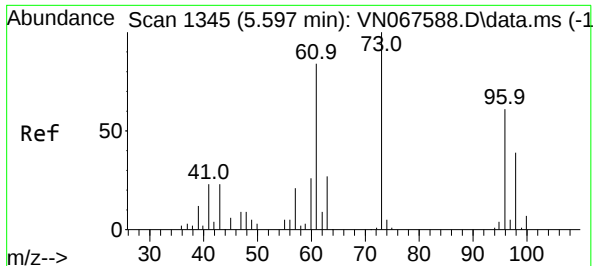


#18
Methylene Chloride
Concen: 20.539 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.005 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



Tgt Ion: 84 Resp: 132998
Ion Ratio Lower Upper
84 100
49 110.1 110.9 166.3#
51 33.7 31.2 46.8
86 61.6 52.8 79.2





#19

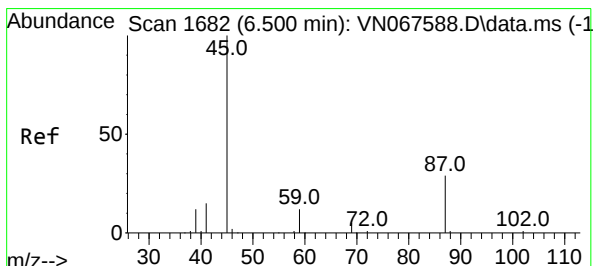
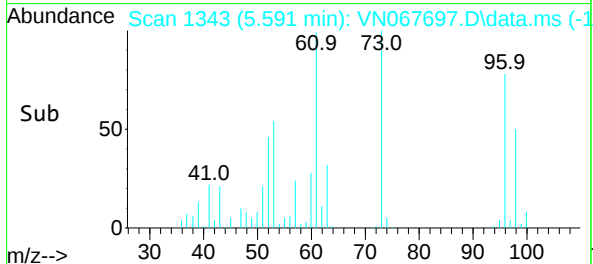
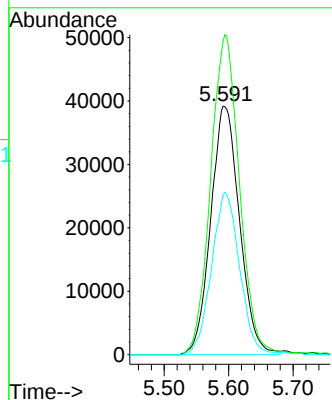
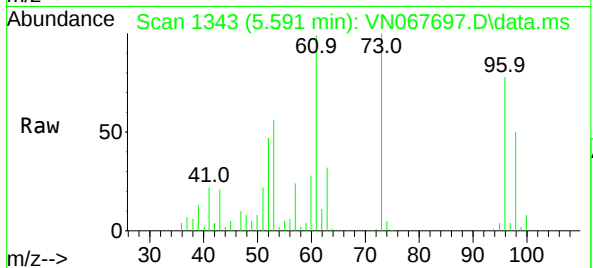
trans-1,2-Dichloroethene
Concen: 20.284 ug/l
RT: 5.591 min Scan# 1343
Delta R.T. -0.005 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 96 Resp: 121731
Ion Ratio Lower Upper
96 100
61 126.1 129.3 193.9#
98 64.3 48.0 72.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

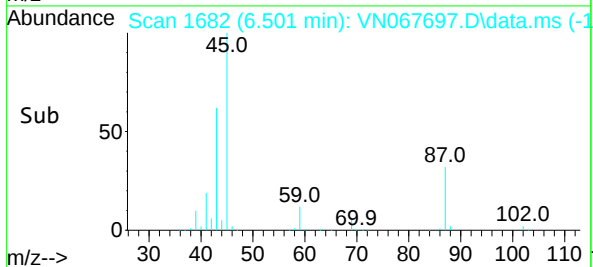
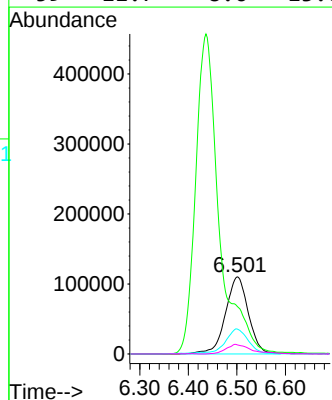
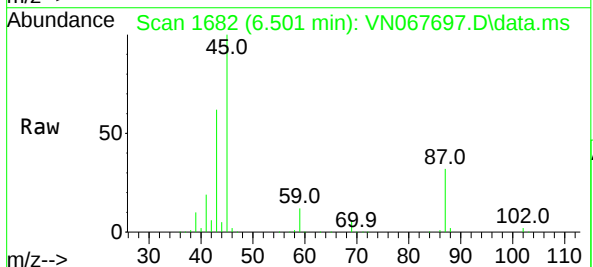
MMDadoda
7/12/2021 5:45:02 PM

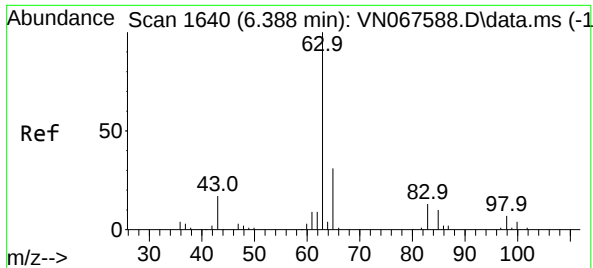


#20

Diisopropyl ether
Concen: 16.956 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 45 Resp: 360876
Ion Ratio Lower Upper
45 100
43 59.5 48.1 72.1
87 32.0 19.8 29.6#
59 11.7 8.6 13.0





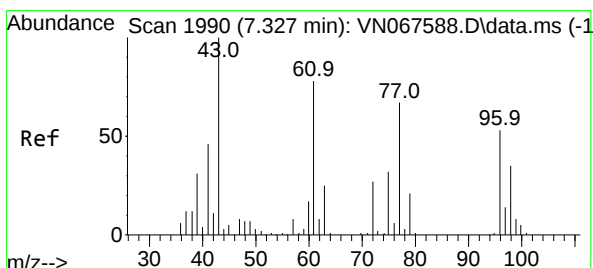
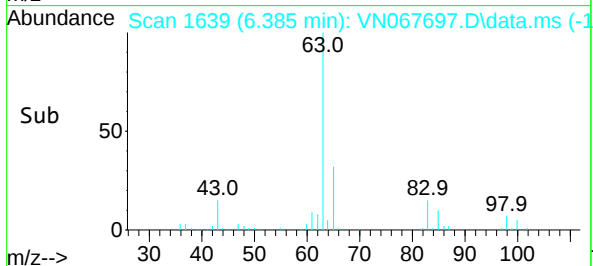
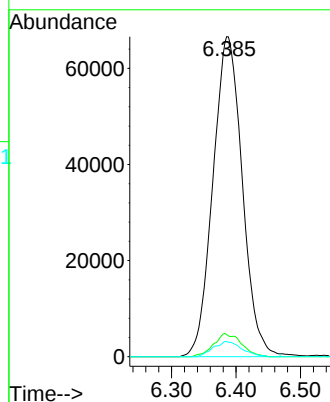
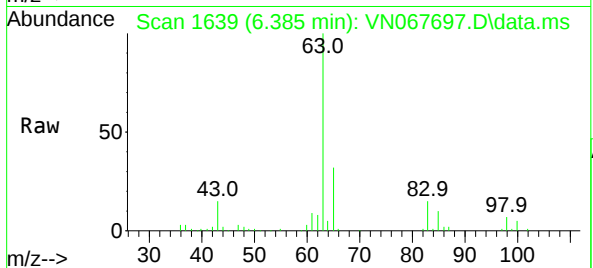
#21
1,1-Dichloroethane
Concen: 18.507 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 63 Resp: 210375
Ion Ratio Lower Upper
63 100
98 6.9 2.7 8.1
100 4.7 1.8 5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

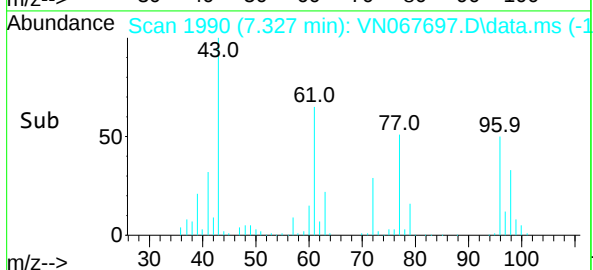
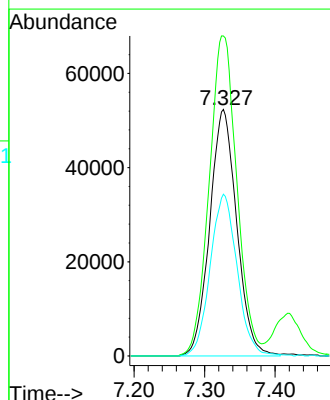
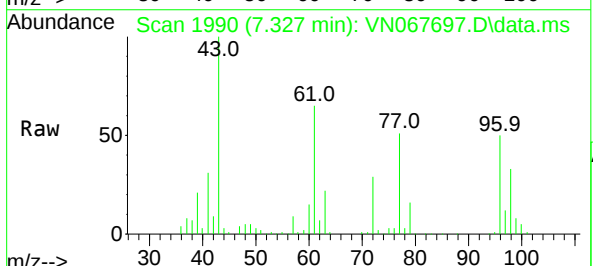
Manual Integrations
APPROVED

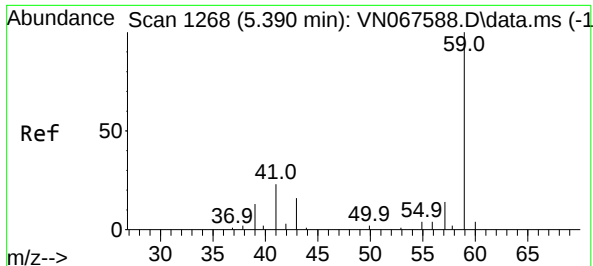
MMDadoda
7/12/2021 5:45:02 PM



#22
cis-1,2-Dichloroethene
Concen: 18.987 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 96 Resp: 139341
Ion Ratio Lower Upper
96 100
61 133.0 131.2 196.8
98 65.6 50.7 76.1





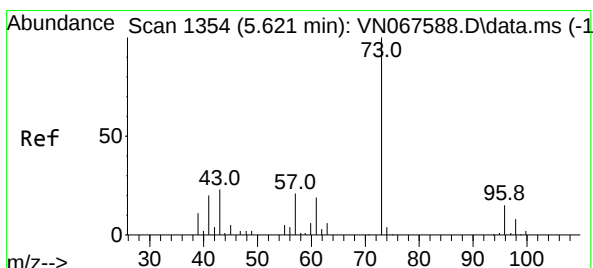
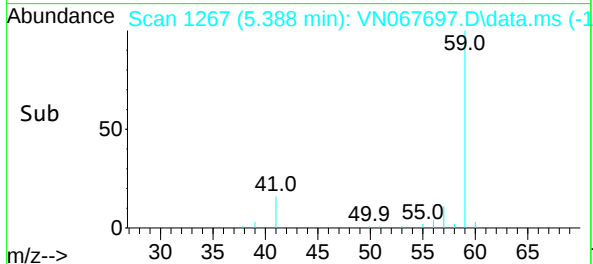
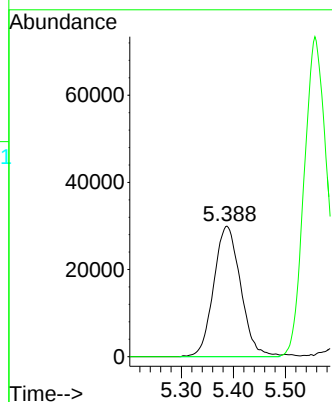
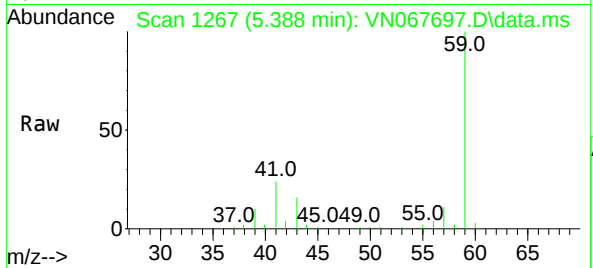
#23
tert-Butyl Alcohol
Concen: 95.337 ug/l m
RT: 5.388 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 59 Resp: 107922
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

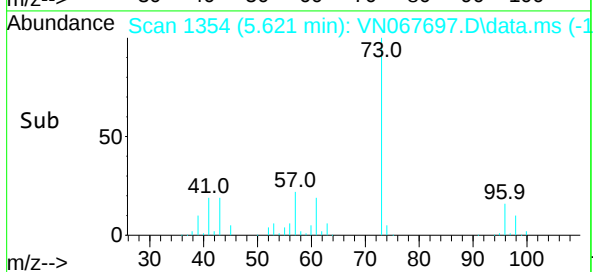
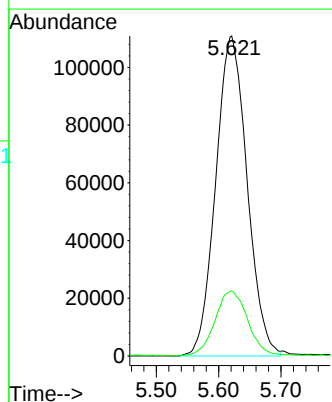
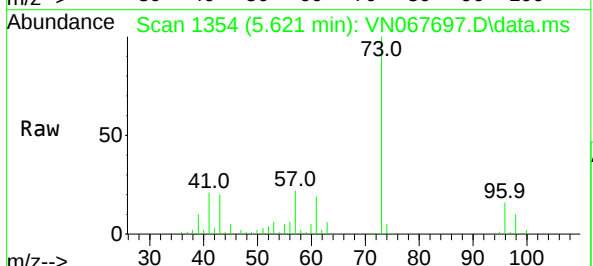
Manual Integrations
APPROVED

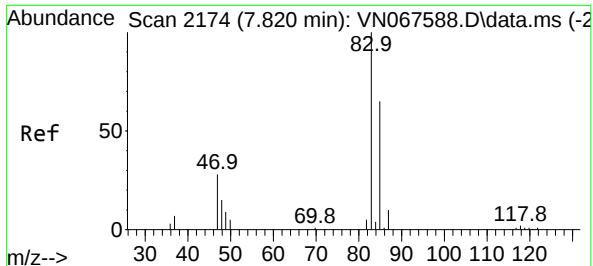
MMDadoda
7/12/2021 5:45:02 PM



#24
Methyl tert-Butyl Ether
Concen: 18.493 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

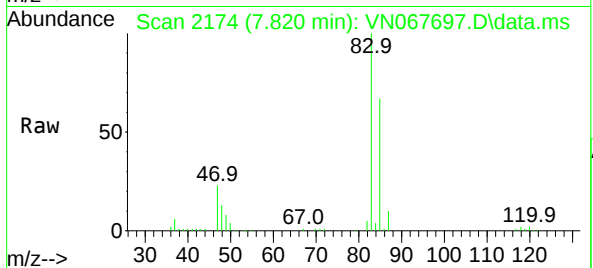
Tgt Ion: 73 Resp: 387800
Ion Ratio Lower Upper
73 100
43 21.3 20.0 30.0



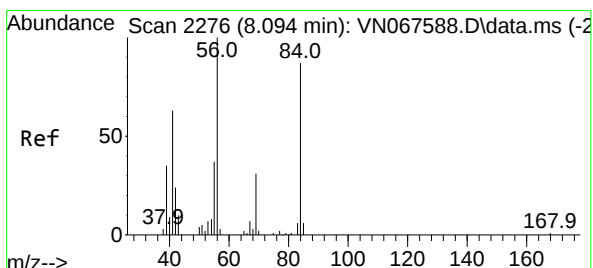
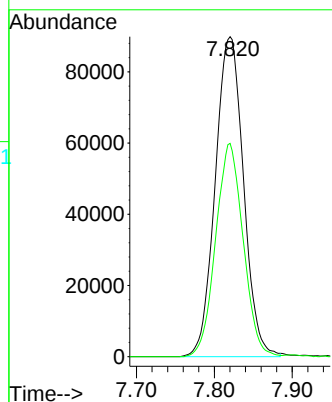
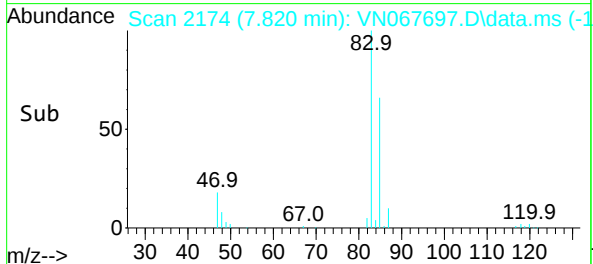


#25
Chloroform
Concen: 17.682 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

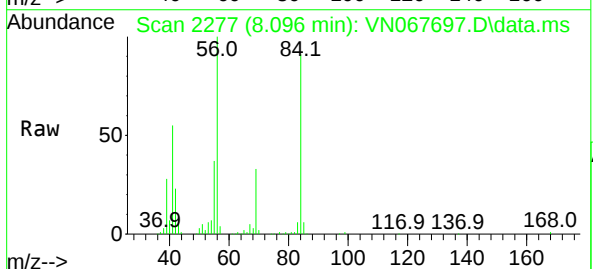
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



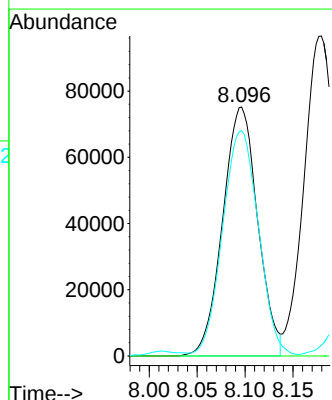
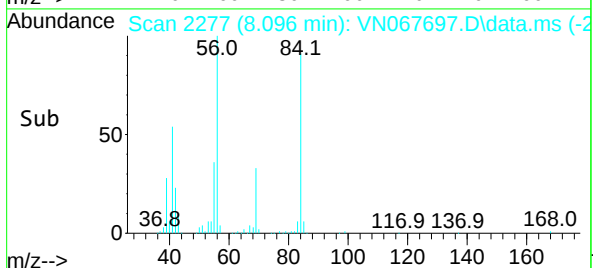
Tgt Ion: 83 Resp: 226544
Ion Ratio Lower Upper
83 100
85 66.6 51.5 77.3

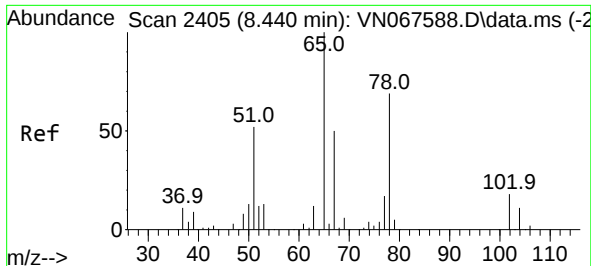


#26
Cyclohexane
Concen: 18.607 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



Tgt Ion: 56 Resp: 191067
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.3 66.2 99.2





#27

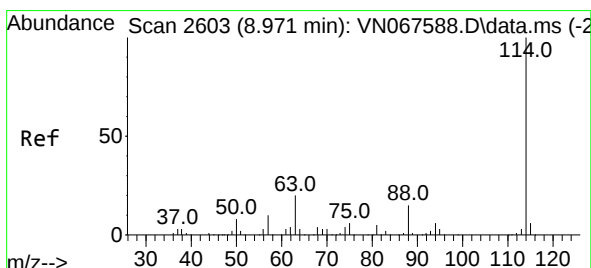
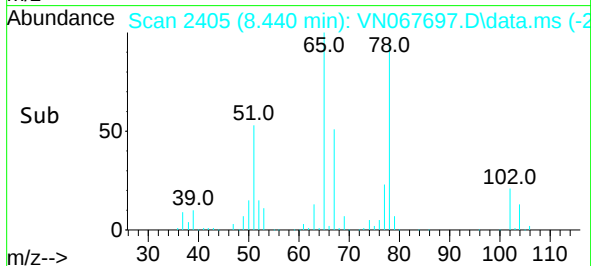
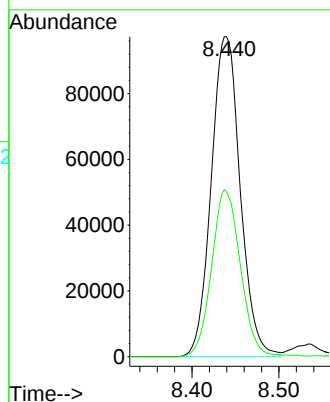
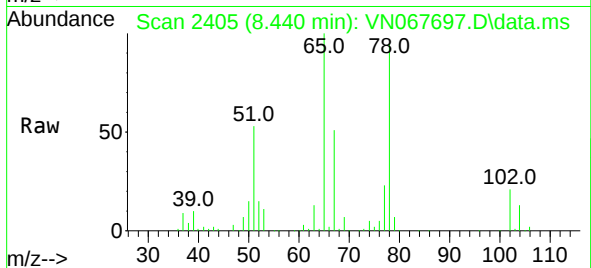
1,2-Dichloroethane-d4
Concen: 27.155 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 65 Resp: 225402
Ion Ratio Lower Upper
65 100
67 51.7 39.8 59.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

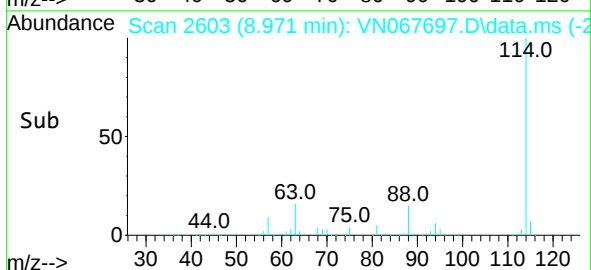
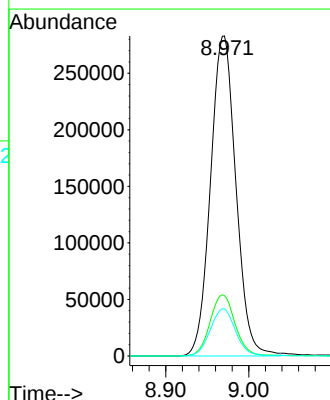
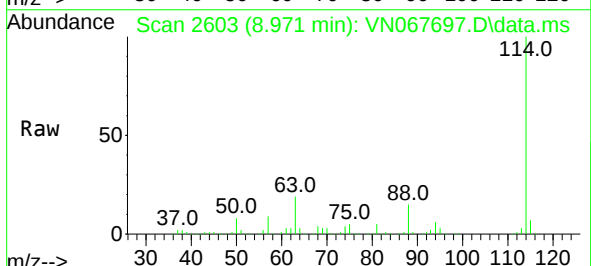
MMDadoda
7/12/2021 5:45:02 PM

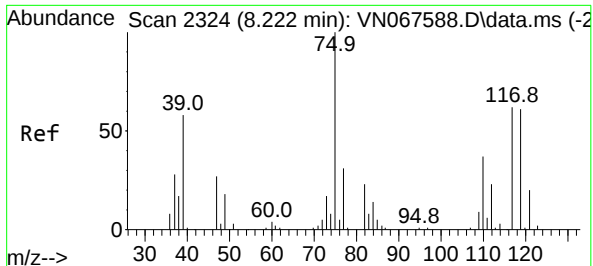


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 114 Resp: 600821
Ion Ratio Lower Upper
114 100
63 18.7 20.3 30.5#
88 14.7 14.6 22.0





#29

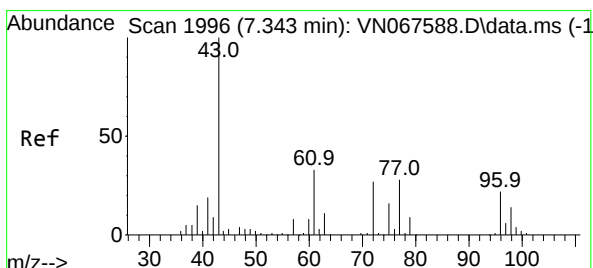
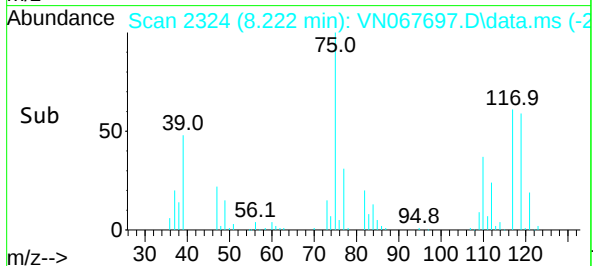
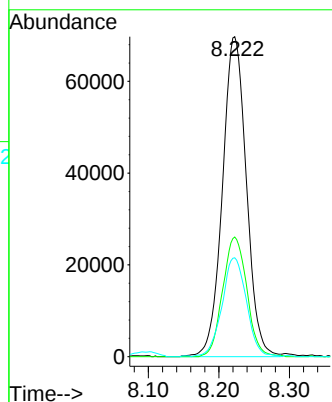
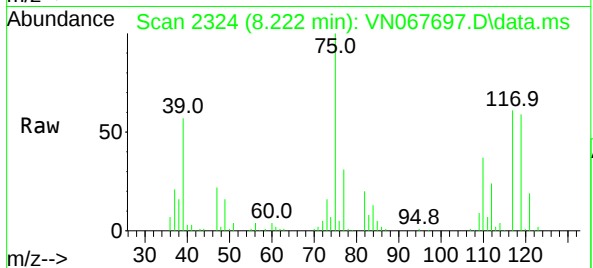
1,1-Dichloropropene
Concen: 17.478 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 75 Resp: 164552
Ion Ratio Lower Upper
75 100
110 37.7 0.0 63.4
77 31.6 0.0 63.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

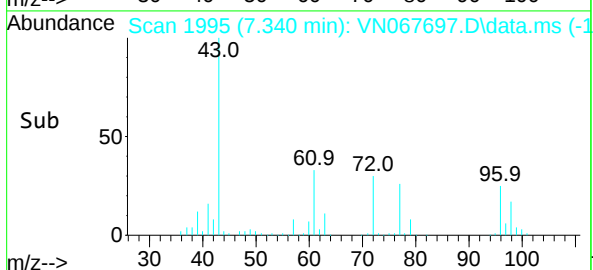
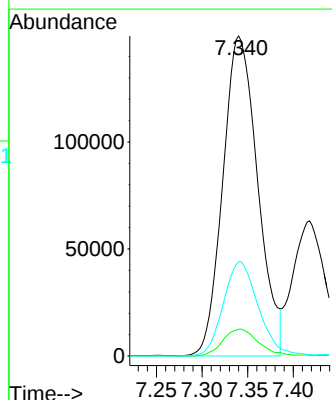
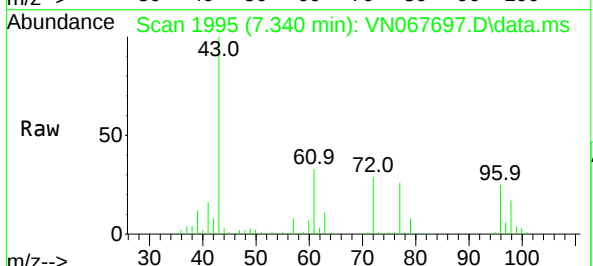
MMDadoda
7/12/2021 5:45:02 PM

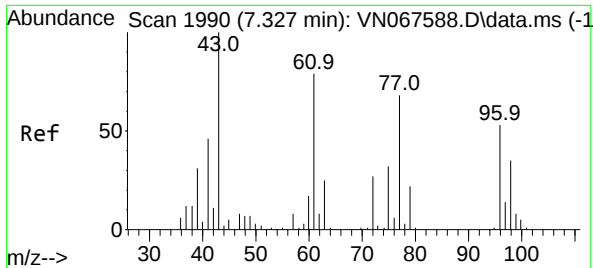


#30

2-Butanone
Concen: 92.518 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 43 Resp: 397479
Ion Ratio Lower Upper
43 100
57 8.3 6.9 10.3
72 29.6 20.0 30.0





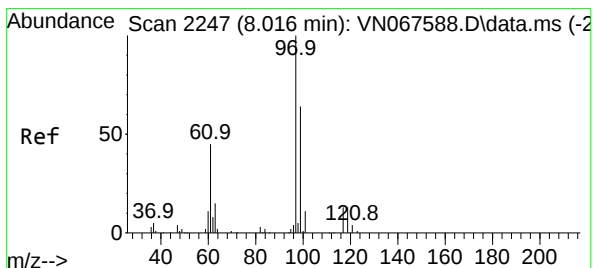
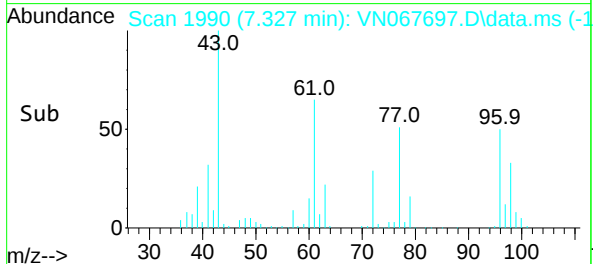
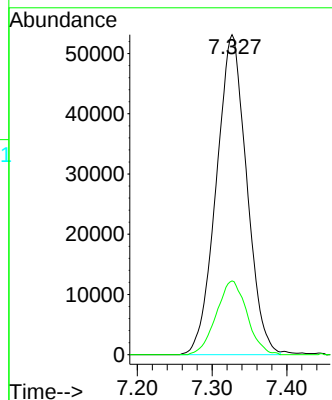
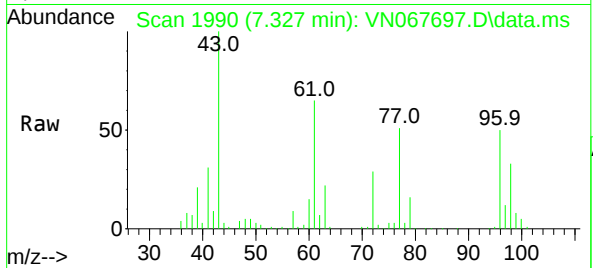
#31
2,2-Dichloropropane
Concen: 14.953 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 77 Resp: 149869
Ion Ratio Lower Upper
77 100
97 23.2 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

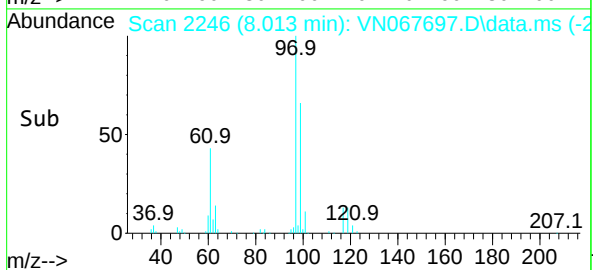
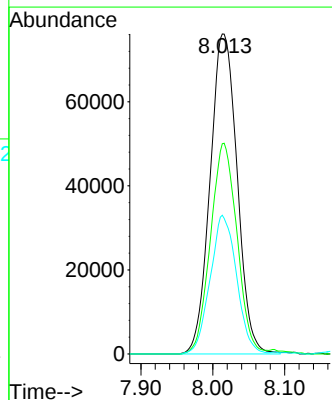
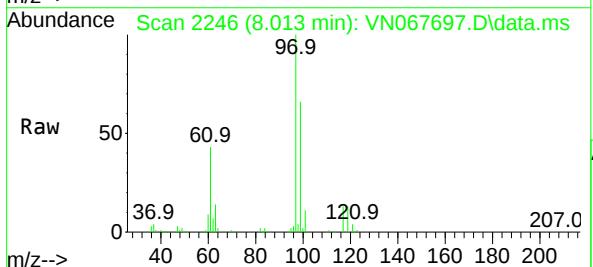
Manual Integrations
APPROVED

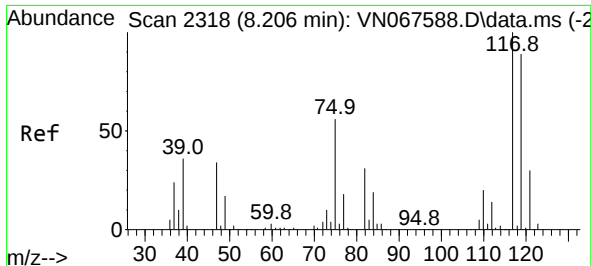
MMDadoda
7/12/2021 5:45:02 PM



#32
1,1,1-Trichloroethane
Concen: 16.858 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 97 Resp: 198900
Ion Ratio Lower Upper
97 100
99 64.6 49.7 74.5
61 42.4 38.0 57.0





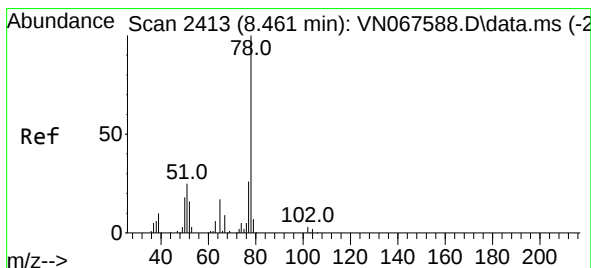
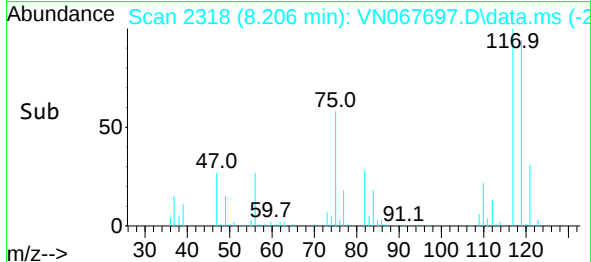
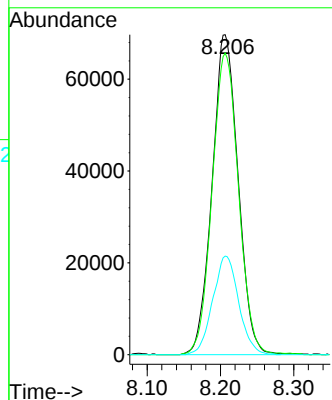
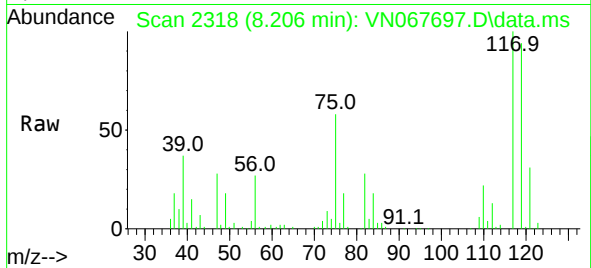
#33
Carbon Tetrachloride
Concen: 17.175 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 117 Resp: 171778
Ion Ratio Lower Upper
117 100
119 94.3 73.3 109.9
121 30.8 24.2 36.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

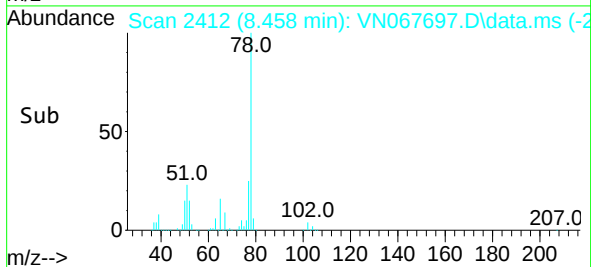
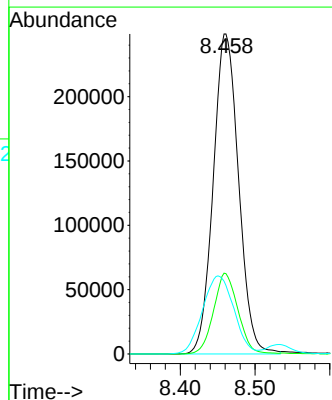
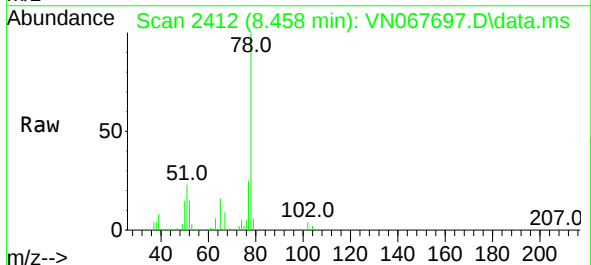
Manual Integrations
APPROVED

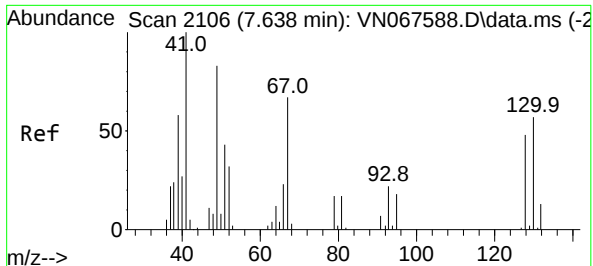
MMDadoda
7/12/2021 5:45:02 PM



#34
Benzene
Concen: 20.179 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 78 Resp: 585707
Ion Ratio Lower Upper
78 100
77 25.3 18.6 28.0
51 22.3 20.0 30.0





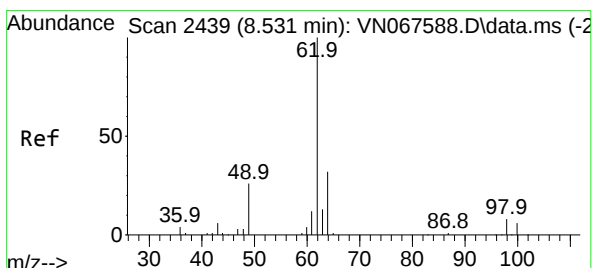
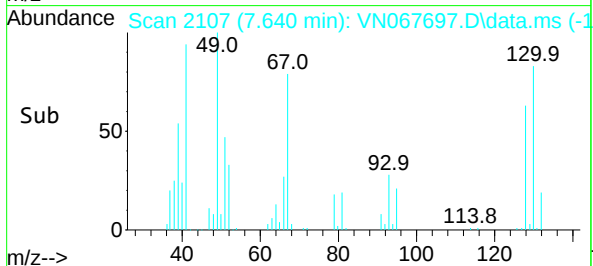
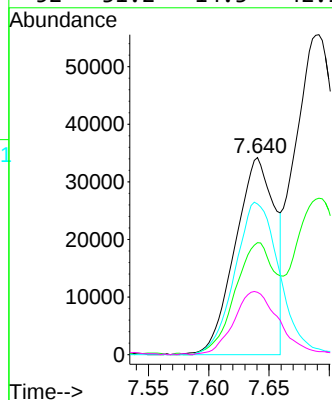
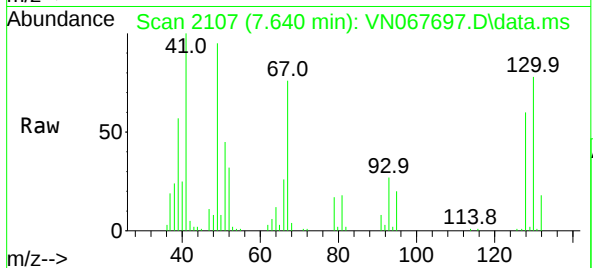
#35
Methacrylonitrile
Concen: 16.742 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:	41	Resp:	78219
Ion	Ratio	Lower	Upper
41	100		
39	55.3	30.3	90.9
67	76.4	32.1	96.3
52	31.2	14.3	42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

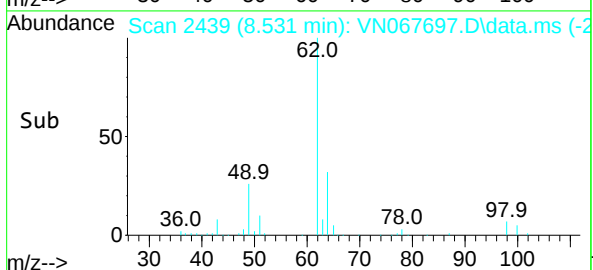
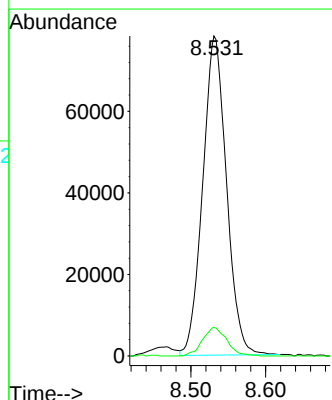
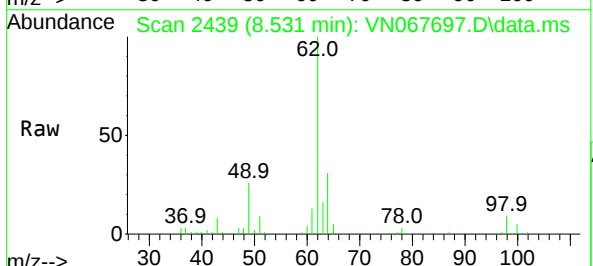
Manual Integrations
APPROVED

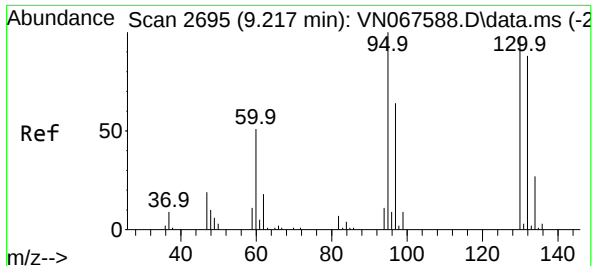
MMDadoda
7/12/2021 5:45:02 PM



#36
1,2-Dichloroethane
Concen: 16.193 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:	62	Resp:	172900
Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.0	9.0#





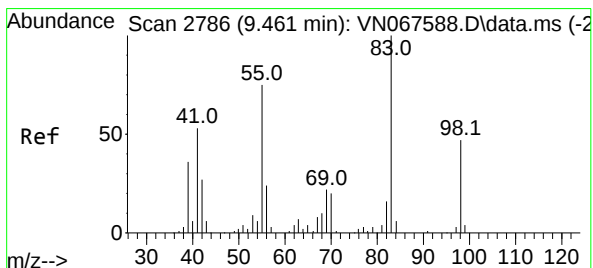
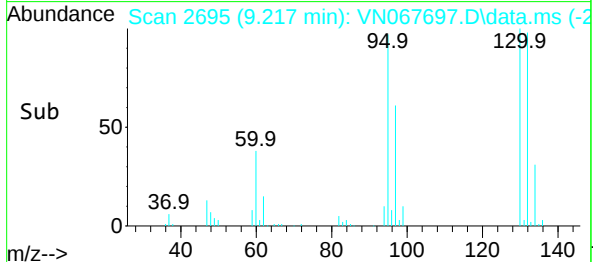
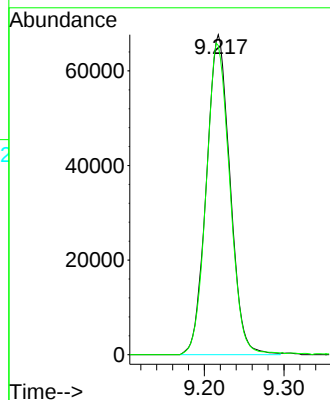
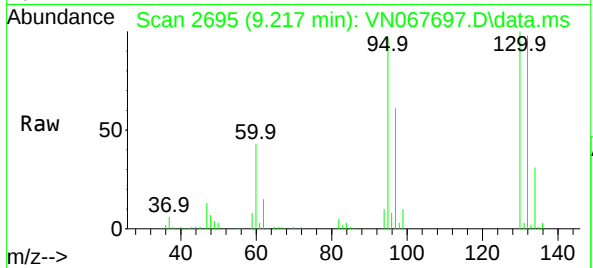
#37
Trichloroethene
Concen: 19.256 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:130 Resp: 139881
Ion Ratio Lower Upper
130 100
95 96.6 92.2 138.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

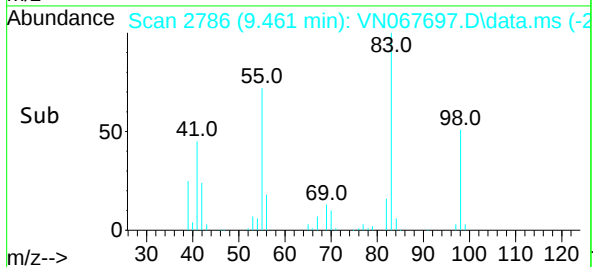
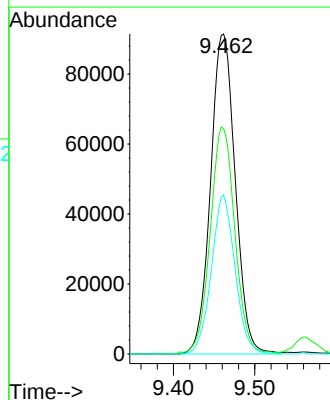
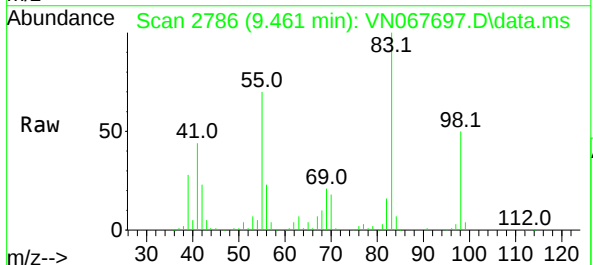
Manual Integrations
APPROVED

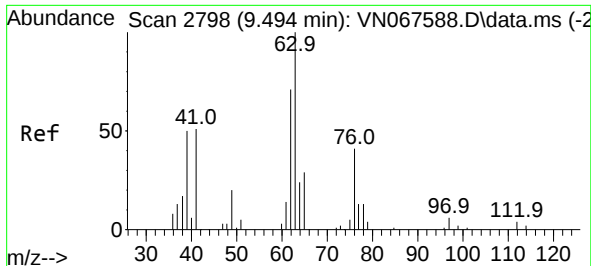
MMDadoda
7/12/2021 5:45:02 PM



#38
Methylcyclohexane
Concen: 18.470 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 83 Resp: 193313
Ion Ratio Lower Upper
83 100
55 69.6 41.5 124.6
98 47.5 22.4 67.0

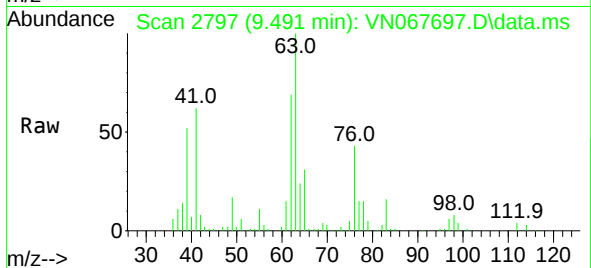




#39

1,2-Dichloropropane
Concen: 17.429 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

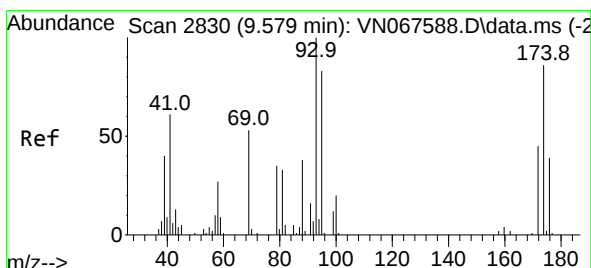
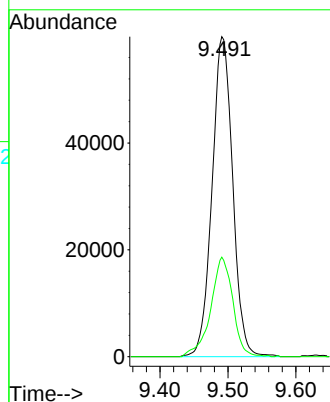
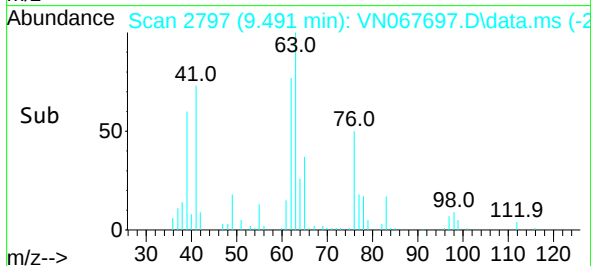
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 126474
Ion Ratio Lower Upper
63 100
65 31.1 24.5 36.7

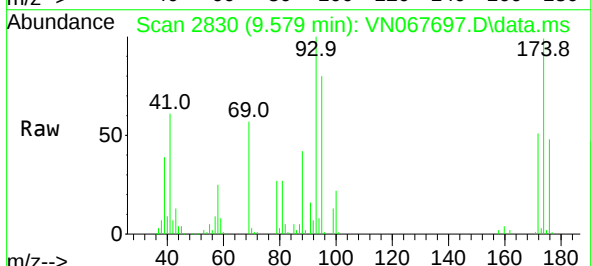
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:45:02 PM

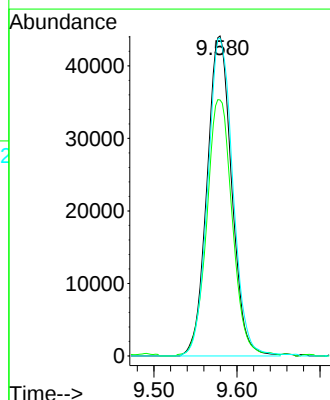
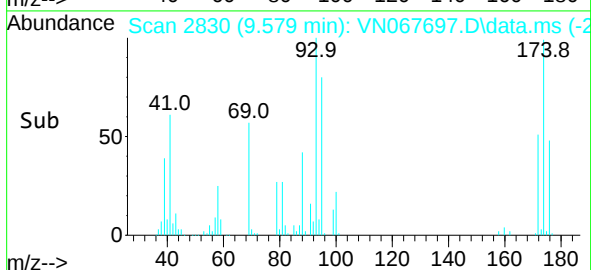


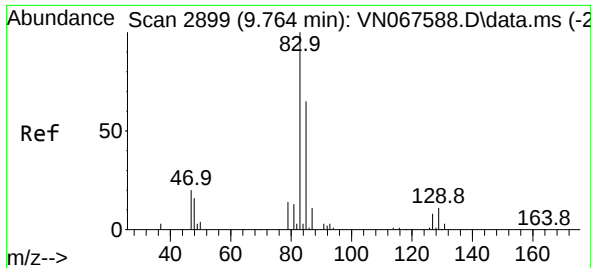
#40

Dibromomethane
Concen: 16.961 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



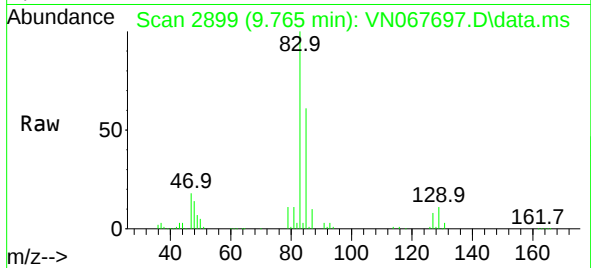
Tgt Ion: 93 Resp: 91004
Ion Ratio Lower Upper
93 100
95 82.6 0.0 167.6
174 100.9 0.0 148.4





#41
Bromodichloromethane
Concen: 16.294 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

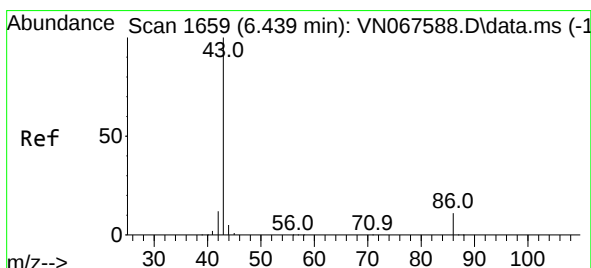
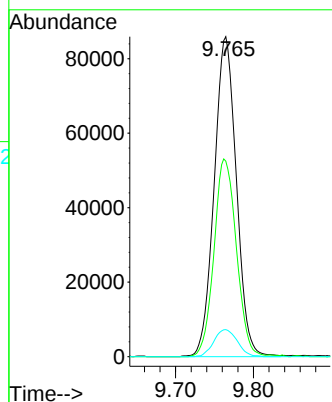
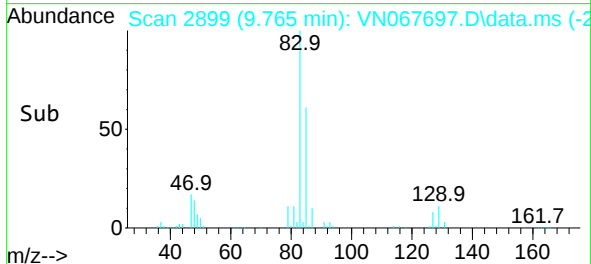
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



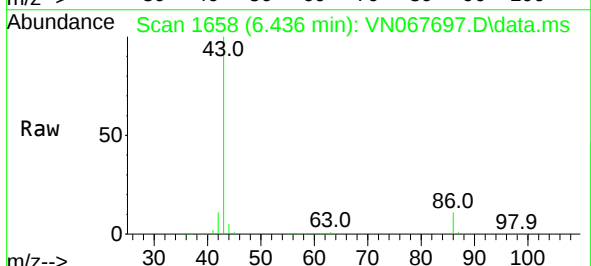
Tgt Ion: 83 Resp: 169664
Ion Ratio Lower Upper
83 100
85 61.1 51.2 76.8
127 8.5 6.6 9.8

Manual Integrations
APPROVED

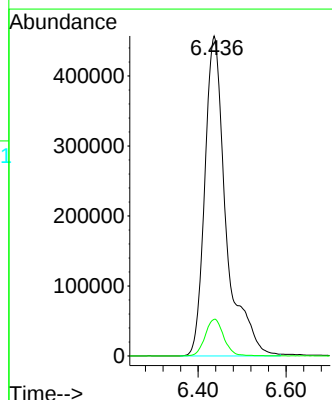
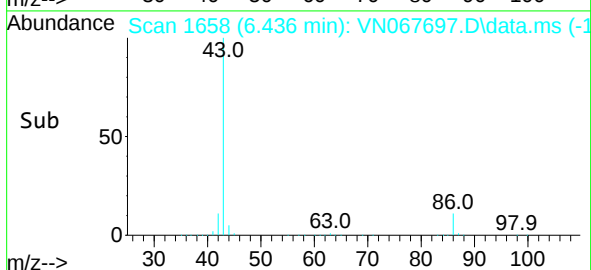
MMDadoda
7/12/2021 5:45:02 PM

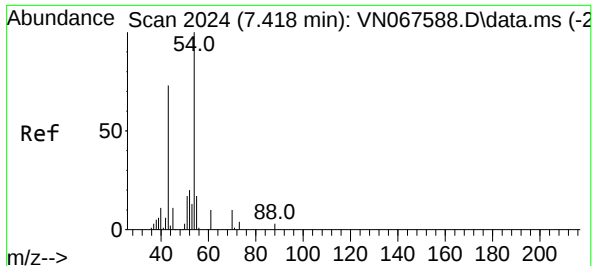


#42
Vinyl Acetate
Concen: 81.580 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



Tgt Ion: 43 Resp: 1535074
Ion Ratio Lower Upper
43 100
86 9.9 6.4 9.6#





#43

Ethyl Acetate

Concen: 15.648 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VN067697.D

Acq: 9 Jul 2021 19:55

Tgt Ion: 43 Resp: 145912

Ion Ratio Lower Upper

43 100

45 13.9 1.0 1.6#

Instrument :

MSVOA_N

ClientSampleId :

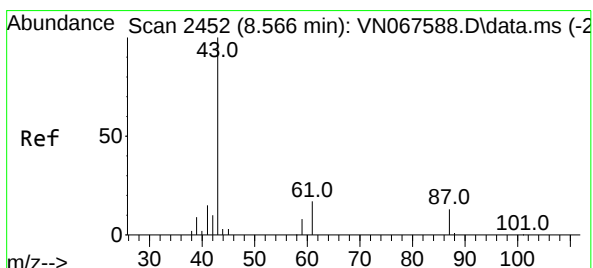
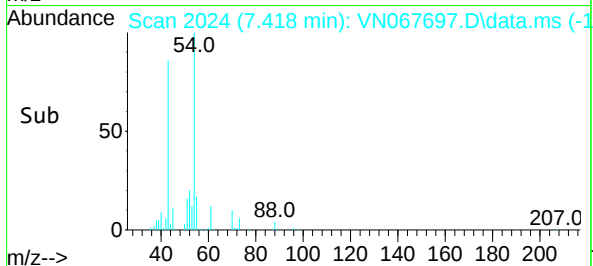
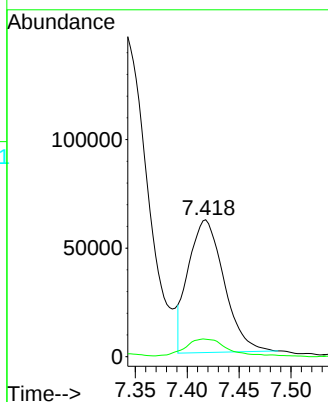
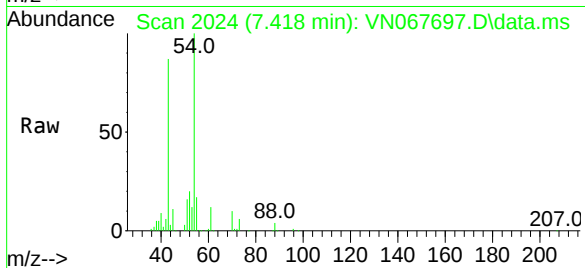
VSTDCCC020EC

Manual Integrations

APPROVED

MMDadoda

7/12/2021 5:45:02 PM



#44

Isopropyl Acetate

Concen: 16.358 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. 0.000 min

Lab File: VN067697.D

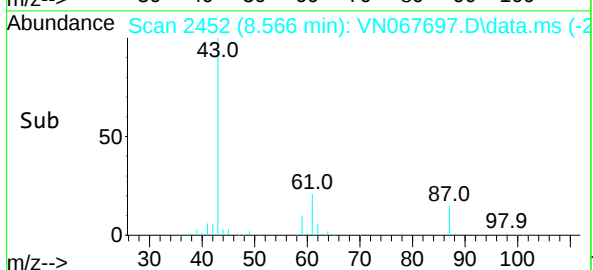
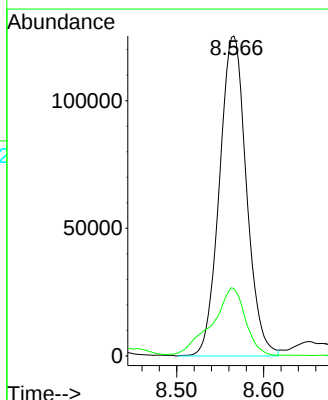
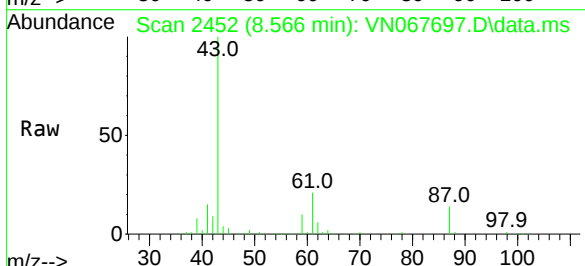
Acq: 9 Jul 2021 19:55

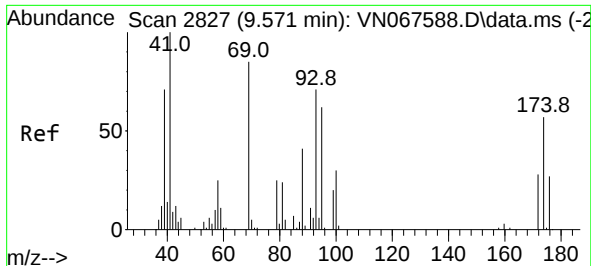
Tgt Ion: 43 Resp: 270291

Ion Ratio Lower Upper

43 100

61 25.9 19.0 28.6





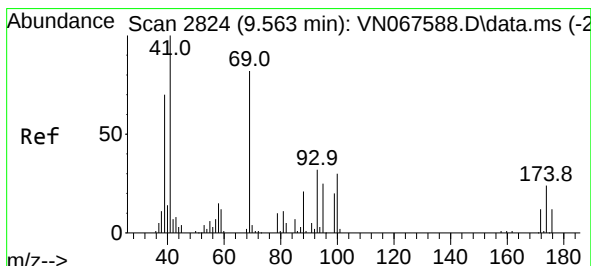
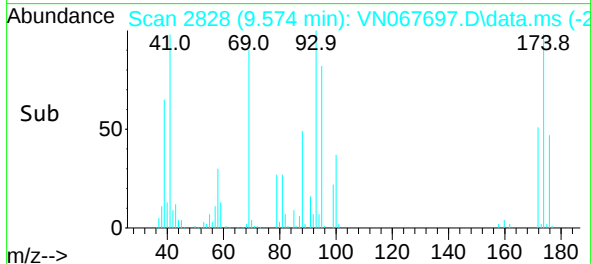
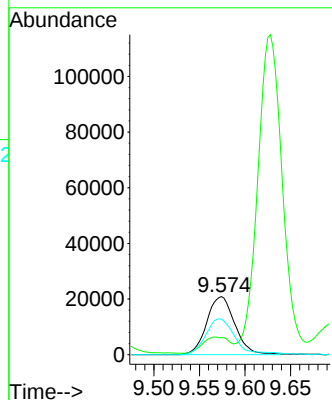
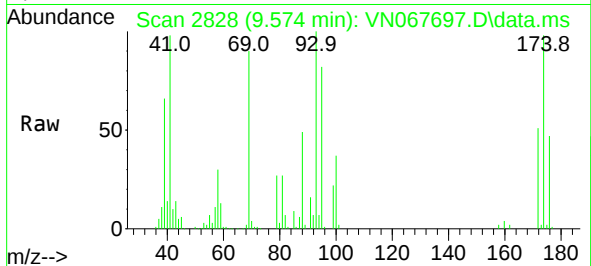
#45
1,4-Dioxane
Concen: 345.345 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 88 Resp: 44758
Ion Ratio Lower Upper
88 100
43 16.6 18.0 27.0#
58 61.6 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

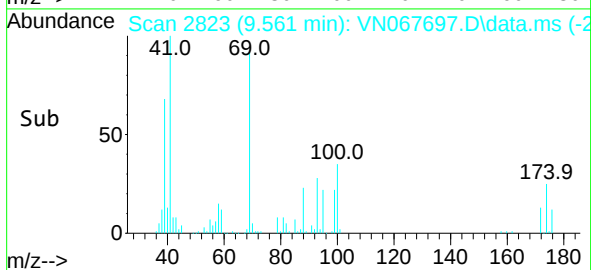
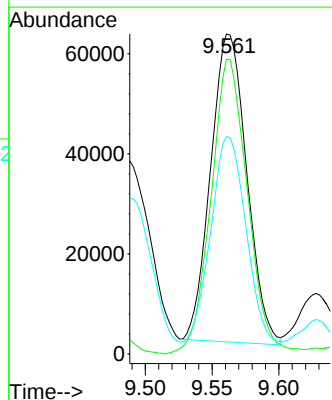
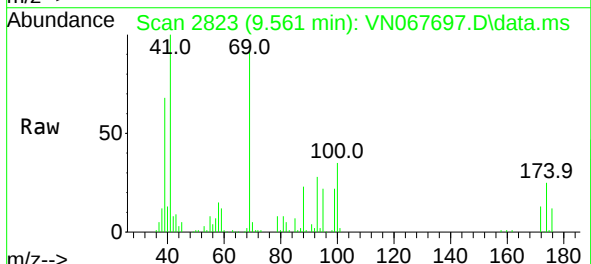
Manual Integrations
APPROVED

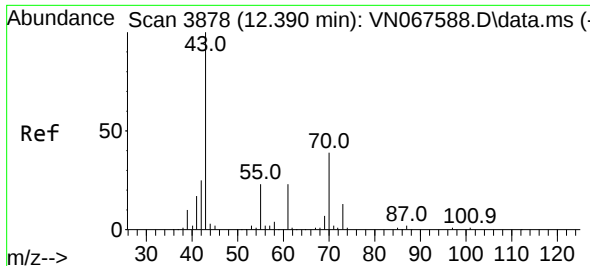
MMDadoda
7/12/2021 5:45:02 PM



#46
Methyl methacrylate
Concen: 16.325 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 41 Resp: 115552
Ion Ratio Lower Upper
41 100
69 94.8 38.0 114.1
39 67.4 33.9 101.7





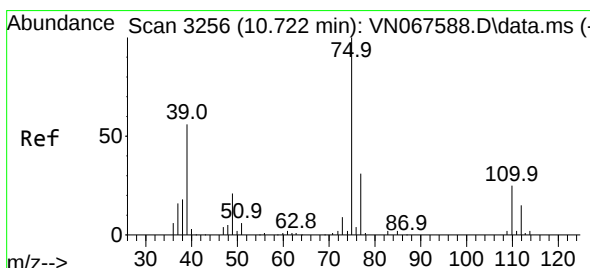
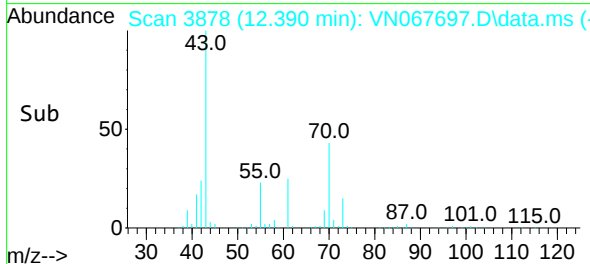
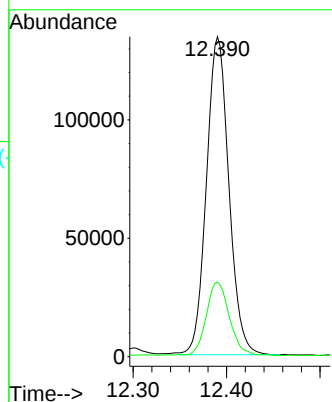
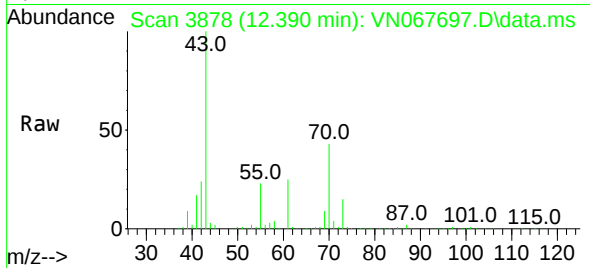
#47
n-amy1 Acetate
Concen: 16.122 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 43 Resp: 224043
Ion Ratio Lower Upper
43 100
55 23.1 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

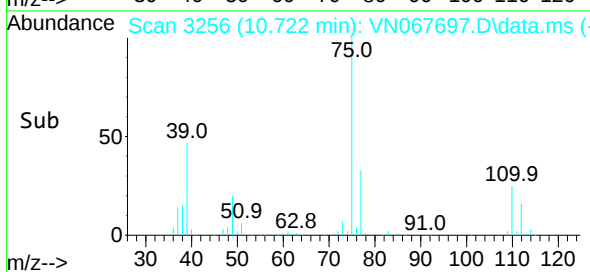
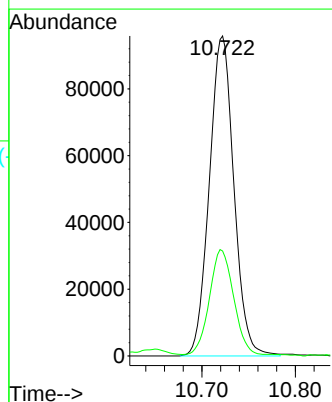
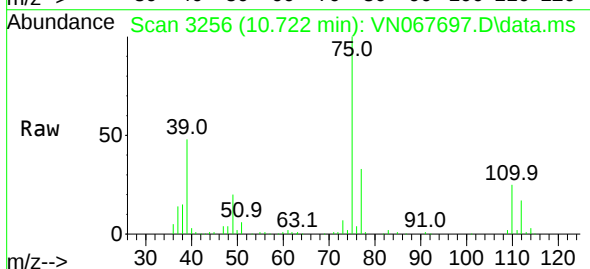
Manual Integrations
APPROVED

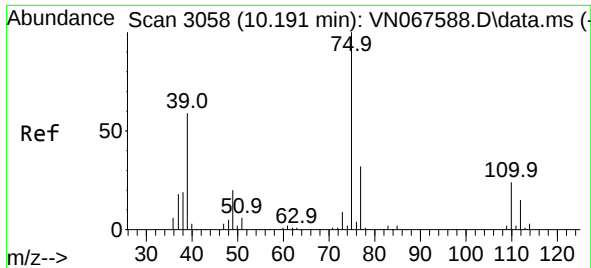
MMDadoda
7/12/2021 5:45:02 PM



#48
t-1,3-Dichloropropene
Concen: 15.608 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 75 Resp: 174844
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0





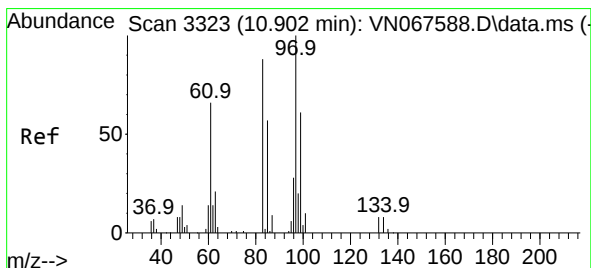
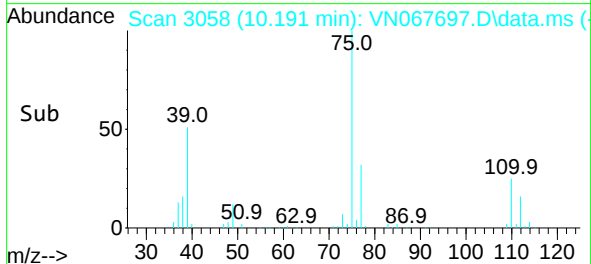
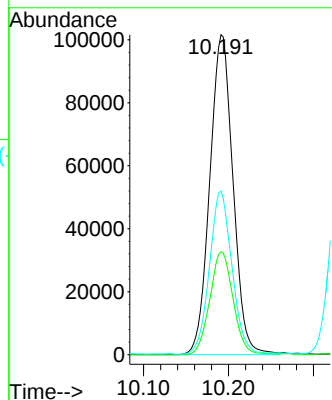
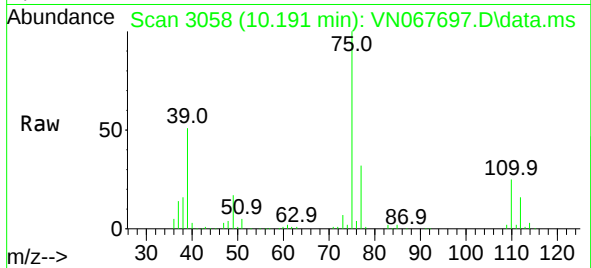
#49
 cis-1,3-Dichloropropene
 Concen: 16.338 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN067697.D
 Acq: 9 Jul 2021 19:55

Tgt Ion: 75 Resp: 192938
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0
 39 51.0 50.6 76.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

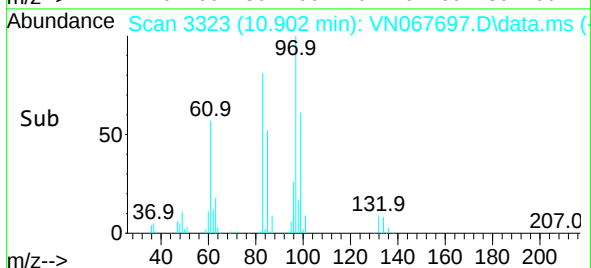
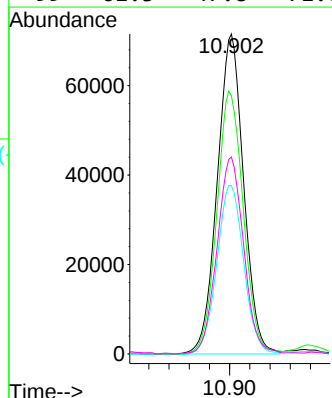
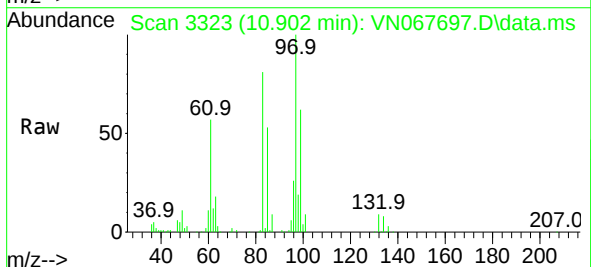
Manual Integrations
 APPROVED

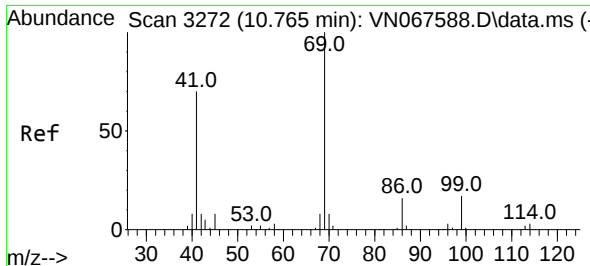
MMDadoda
 7/12/2021 5:45:02 PM



#50
 1,1,2-Trichloroethane
 Concen: 17.052 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. 0.000 min
 Lab File: VN067697.D
 Acq: 9 Jul 2021 19:55

Tgt Ion: 97 Resp: 129274
 Ion Ratio Lower Upper
 97 100
 83 80.7 69.6 104.4
 85 52.7 45.2 67.8
 99 61.3 47.8 71.6





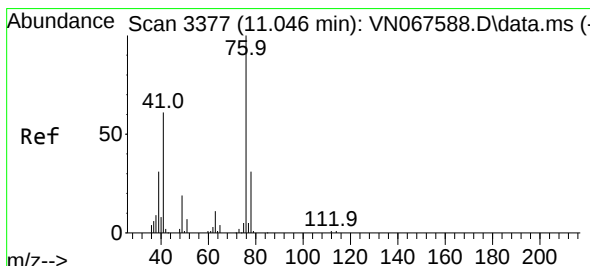
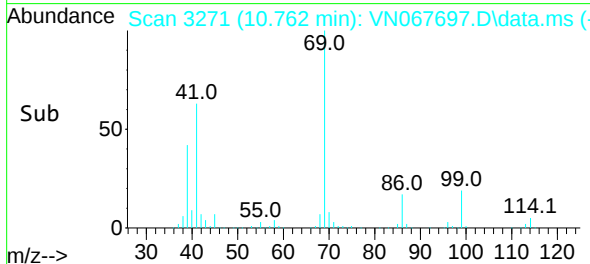
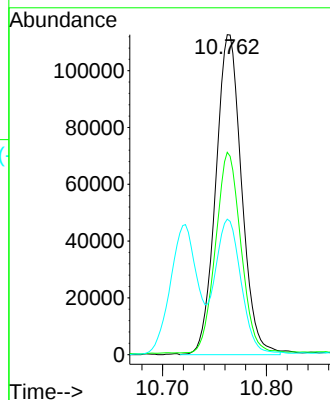
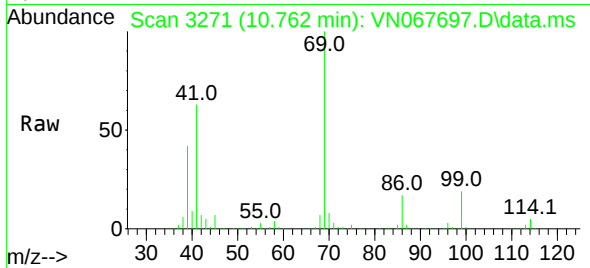
#51
Ethyl methacrylate
Concen: 16.323 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 69 Resp: 194962
Ion Ratio Lower Upper
69 100
41 62.7 36.8 110.4
39 41.5 23.8 71.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

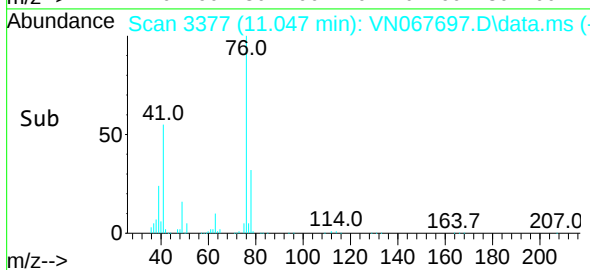
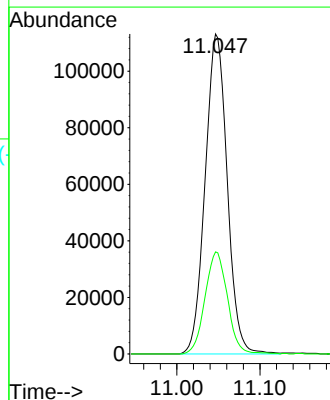
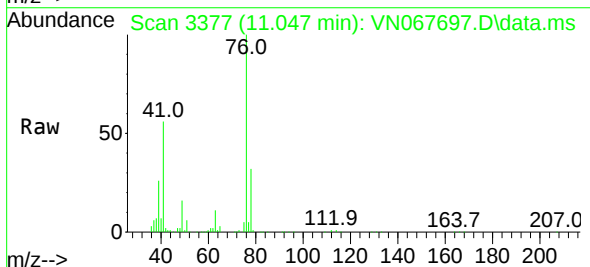
Manual Integrations
APPROVED

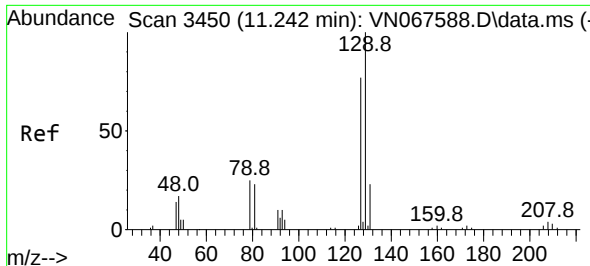
MMDadoda
7/12/2021 5:45:02 PM



#52
1,3-Dichloropropane
Concen: 16.655 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 76 Resp: 208573
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.0





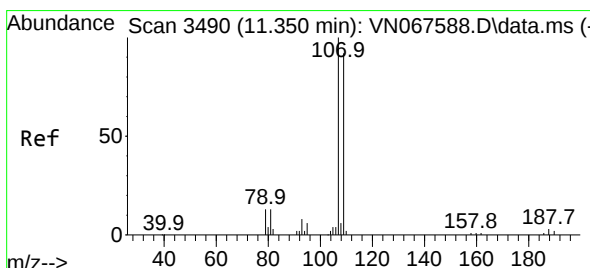
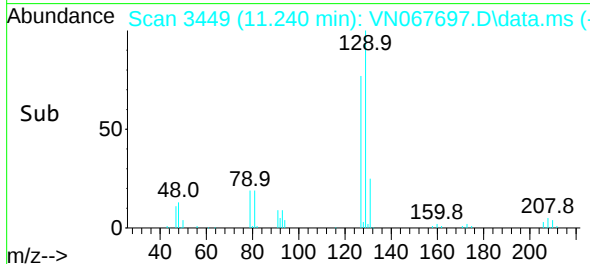
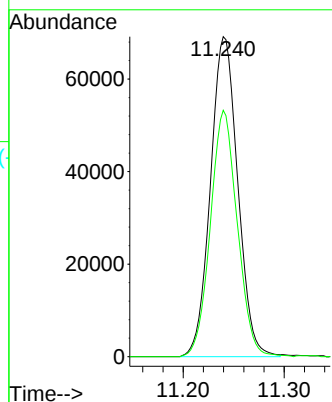
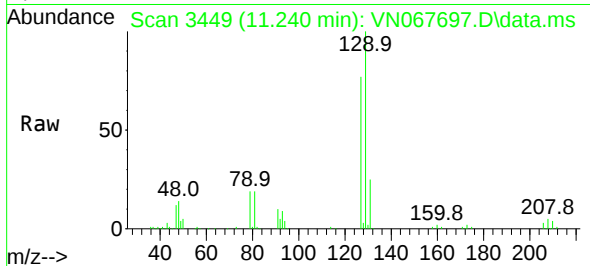
#53
Dibromochloromethane
Concen: 15.885 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 129765
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4

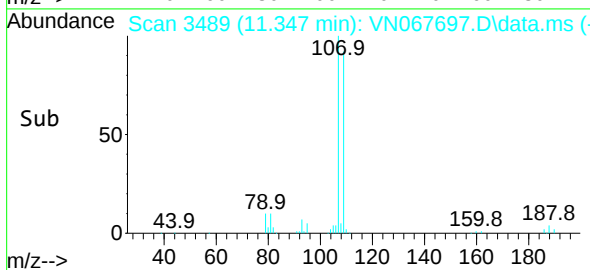
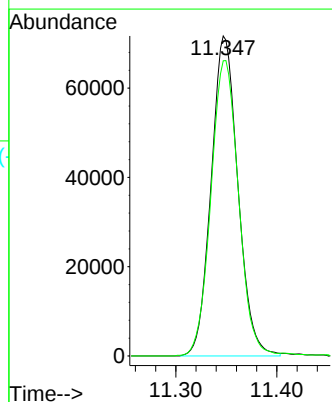
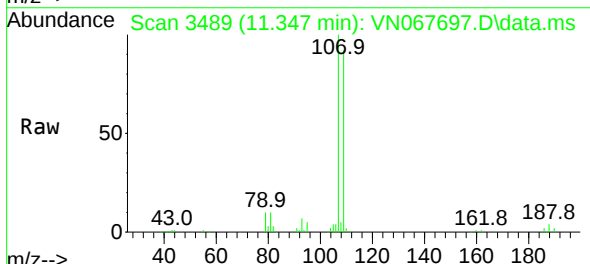
Manual Integrations
APPROVED

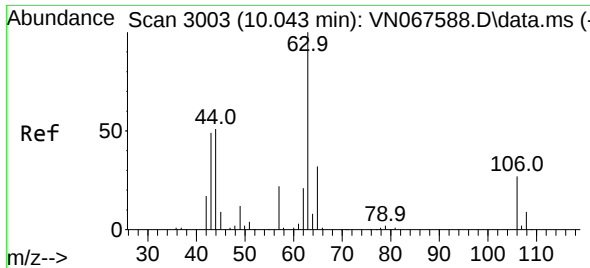
MMDadoda
7/12/2021 5:45:02 PM



#54
1,2-Dibromoethane
Concen: 16.666 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:107 Resp: 131842
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6





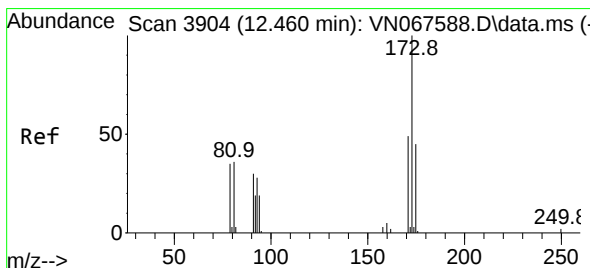
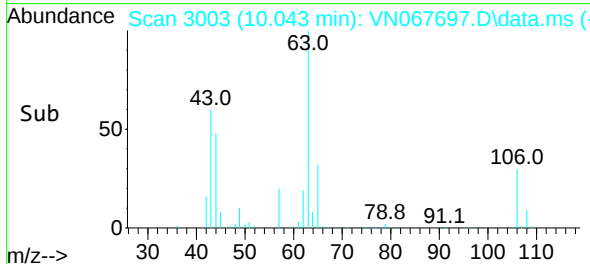
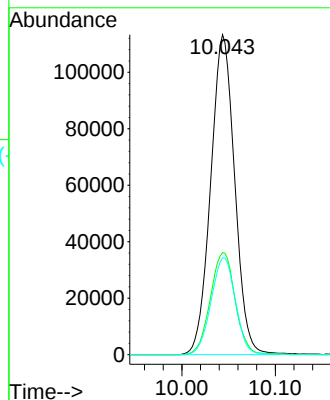
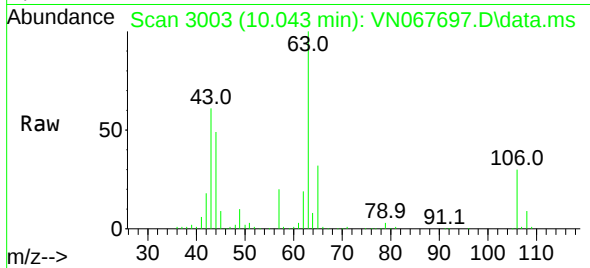
#55
2-Chloroethyl vinyl ether
Concen: 79.546 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 63 Resp: 202110
Ion Ratio Lower Upper
63 100
65 33.0 25.6 38.4
106 30.8 20.0 30.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

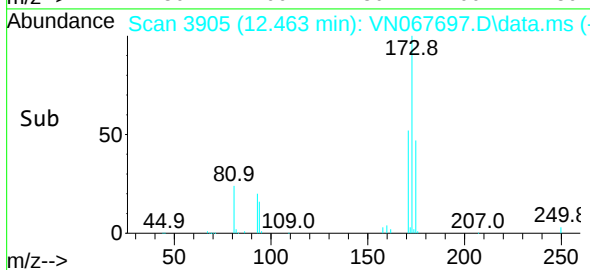
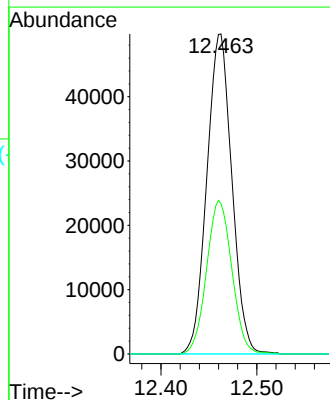
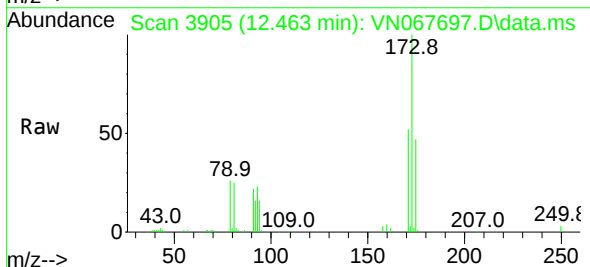
Manual Integrations
APPROVED

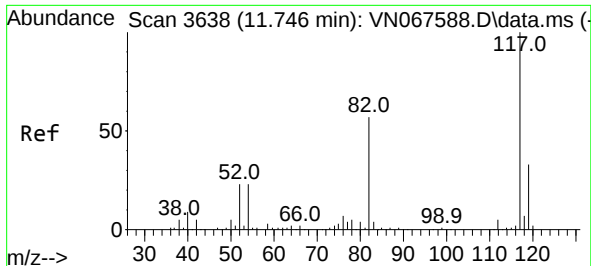
MMDadoda
7/12/2021 5:45:02 PM



#56
Bromoform
Concen: 15.876 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 173 Resp: 90291
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 0.0 0.0 0.0





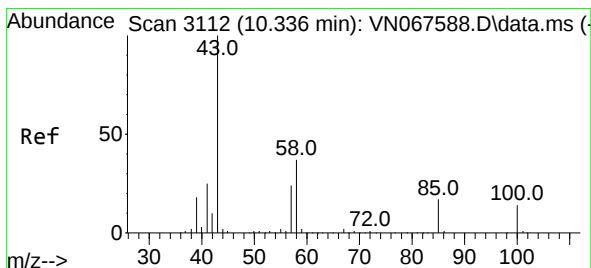
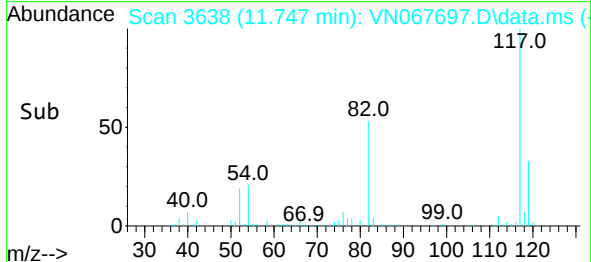
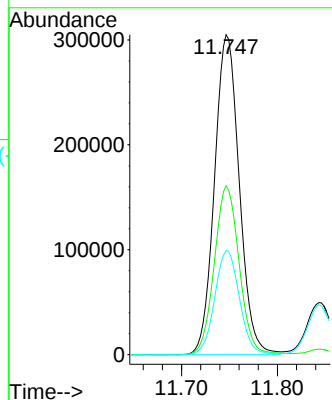
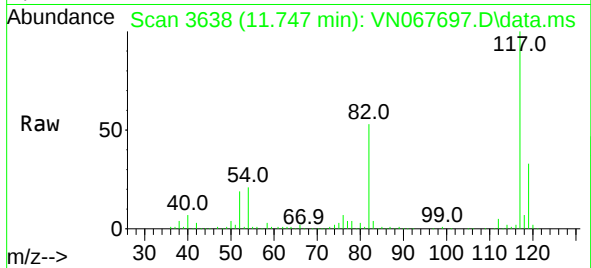
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 117 Resp: 546147
Ion Ratio Lower Upper
117 100
82 53.1 52.5 78.7
119 32.6 25.8 38.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

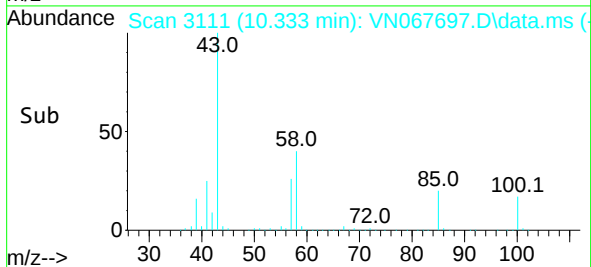
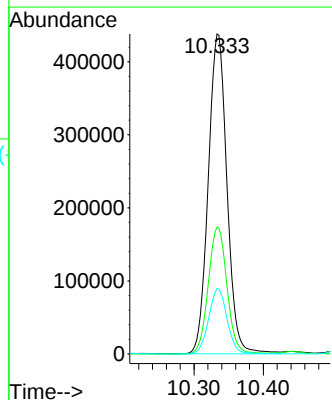
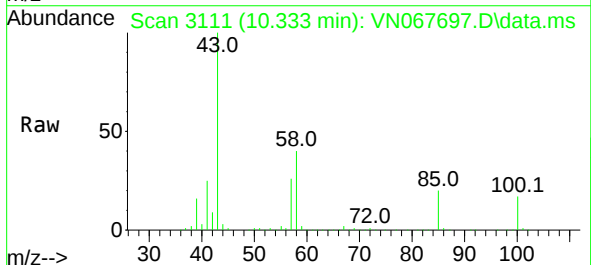
Manual Integrations
APPROVED

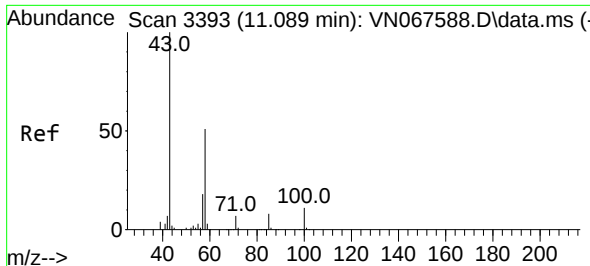
MMDadoda
7/12/2021 5:45:02 PM



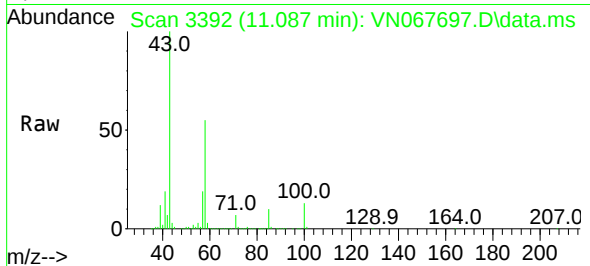
#58
4-Methyl-2-Pentanone
Concen: 86.355 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 43 Resp: 820724
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.4
85 20.1 13.2 19.8#

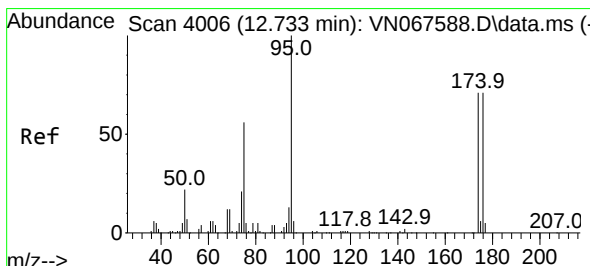
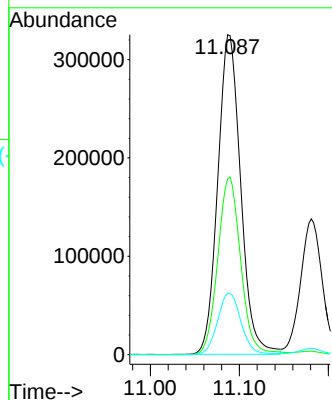
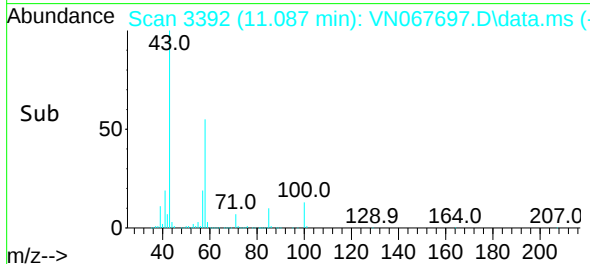




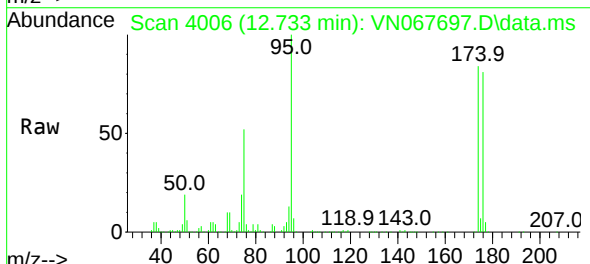
#59
2-Hexanone
Concen: 87.878 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



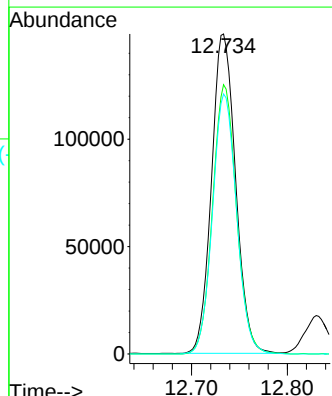
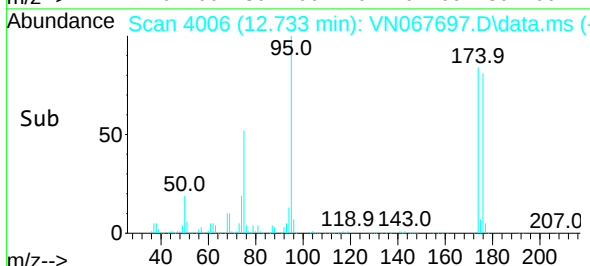
Tgt Ion: 43 Resp: 581797
Ion Ratio Lower Upper
43 100
58 55.7 39.4 59.0
57 19.7 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.158 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



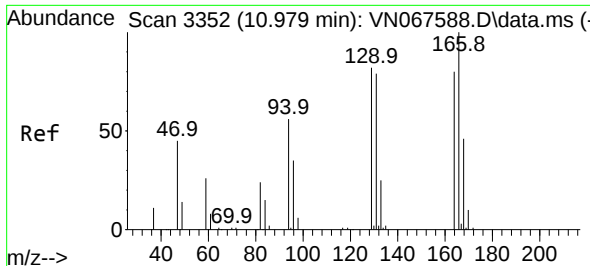
Tgt Ion: 95 Resp: 259067
Ion Ratio Lower Upper
95 100
174 83.7 47.7 71.5#
176 81.4 45.7 68.5#



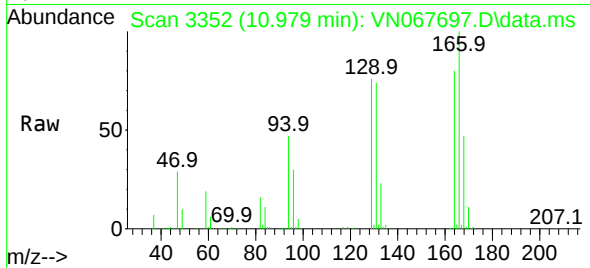
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

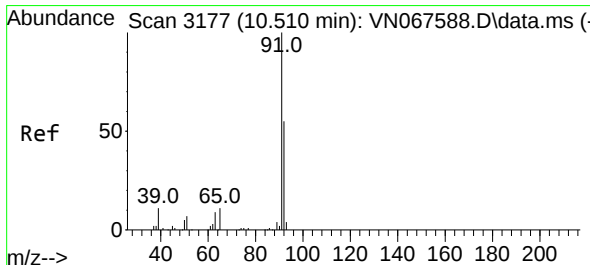
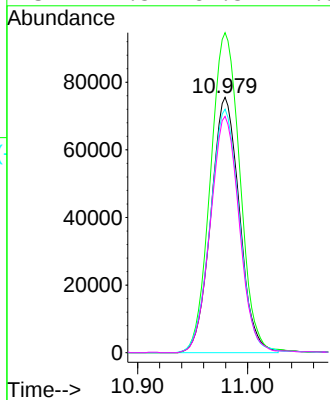
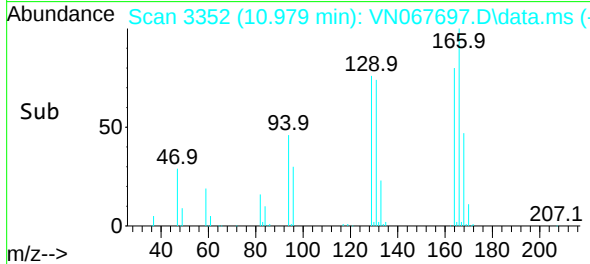
MMDadoda
7/12/2021 5:45:02 PM



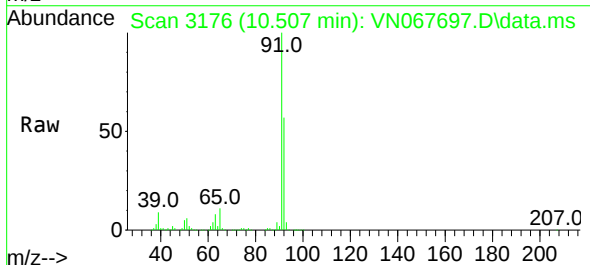
#61
Tetrachloroethene
Concen: 20.241 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



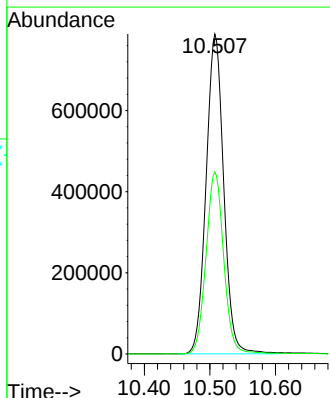
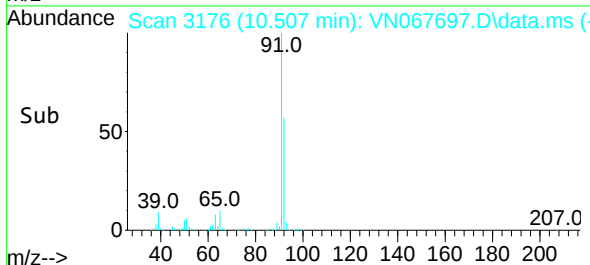
Tgt Ion:164 Resp: 136199
Ion Ratio Lower Upper
164 100
166 125.3 101.0 151.4
129 95.2 85.5 128.3
131 92.5 81.5 122.3



#62
Toluene
Concen: 45.722 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



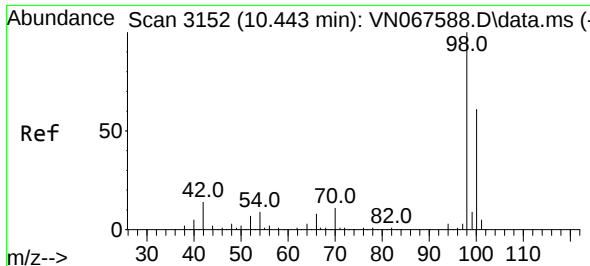
Tgt Ion: 91 Resp: 1468778
Ion Ratio Lower Upper
91 100
92 57.1 46.1 69.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:45:02 PM



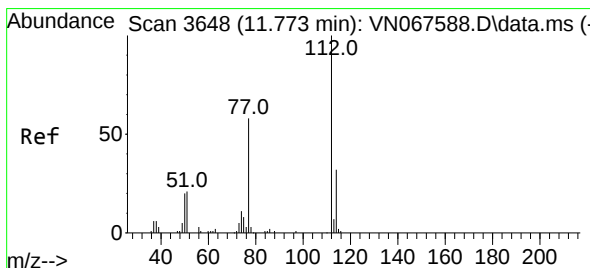
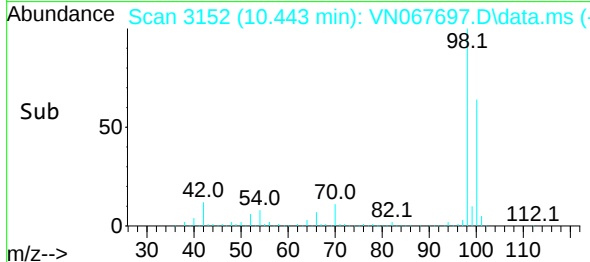
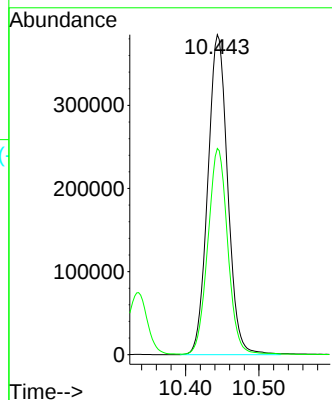
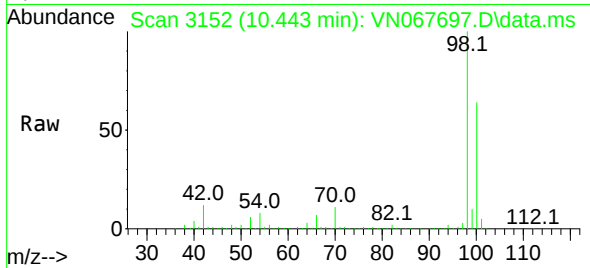
#63
Toluene-d8
Concen: 29.026 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 98 Resp: 725359
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

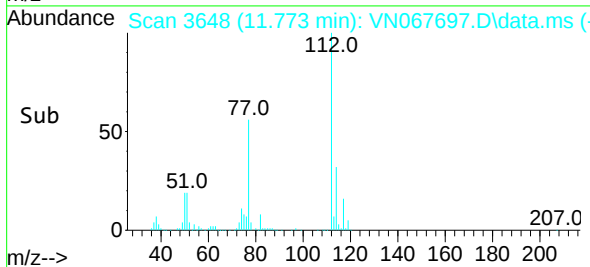
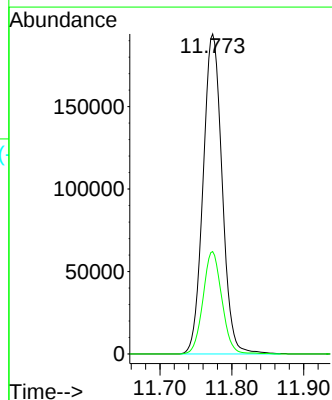
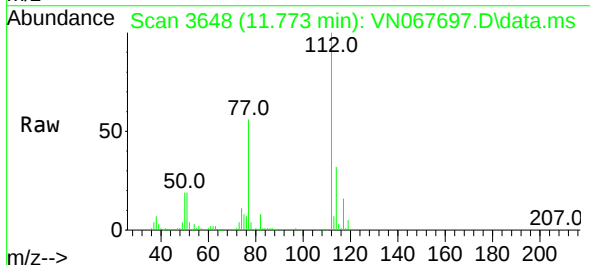
Manual Integrations
APPROVED

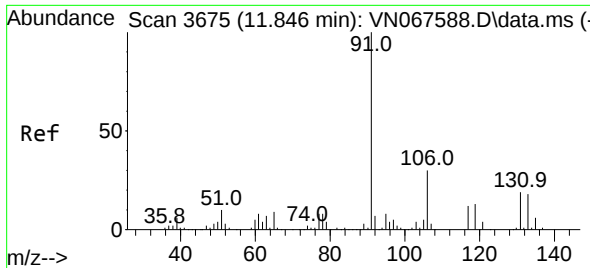
MMDadoda
7/12/2021 5:45:02 PM



#64
Chlorobenzene
Concen: 18.771 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:112 Resp: 357281
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0





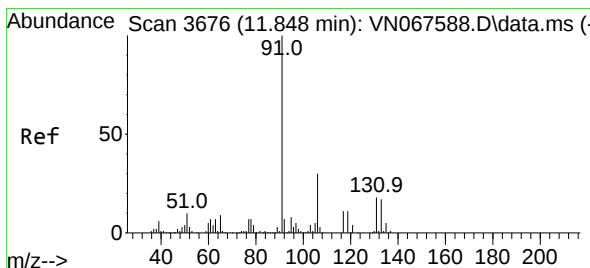
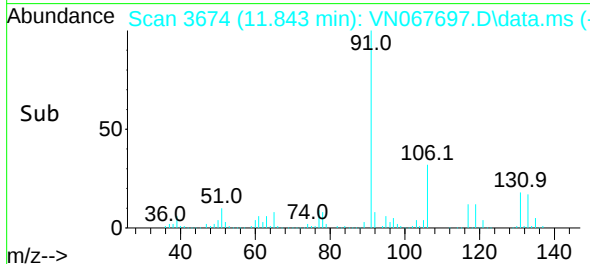
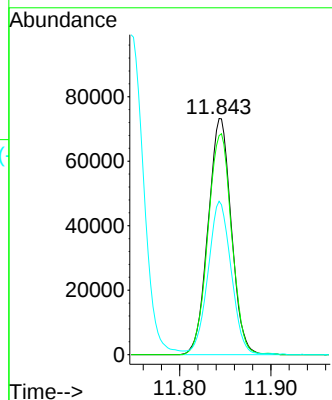
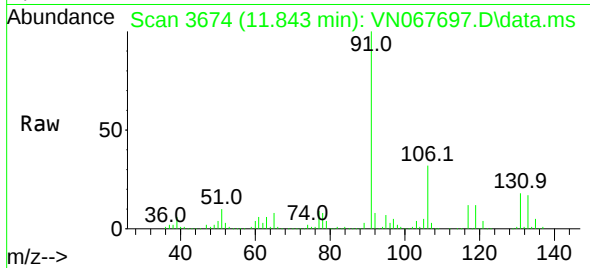
#65
1,1,1,2-Tetrachloroethane
Concen: 18.254 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:131 Resp: 129478
Ion Ratio Lower Upper
131 100
133 95.3 0.0 189.6
119 63.8 0.0 130.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

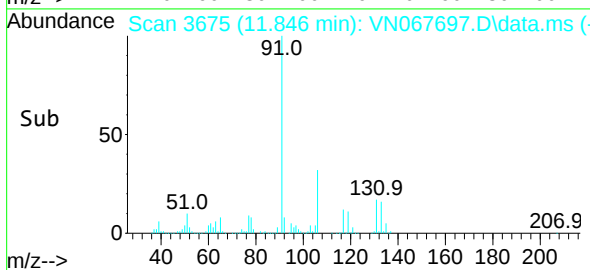
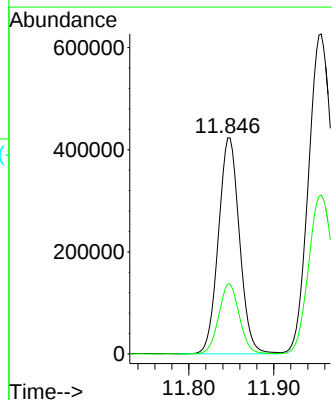
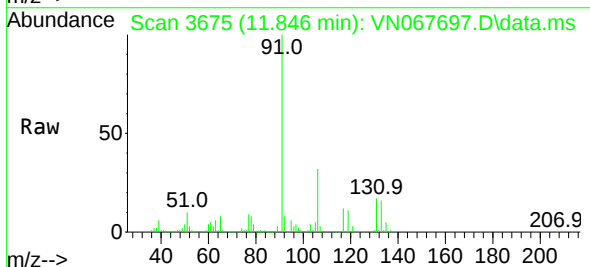
Manual Integrations
APPROVED

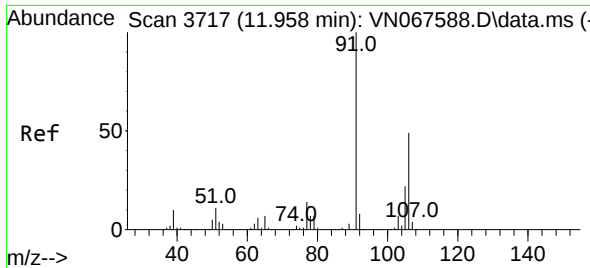
MMDadoda
7/12/2021 5:45:02 PM



#66
Ethyl Benzene
Concen: 20.581 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 91 Resp: 728654
Ion Ratio Lower Upper
91 100
106 32.4 23.4 35.0





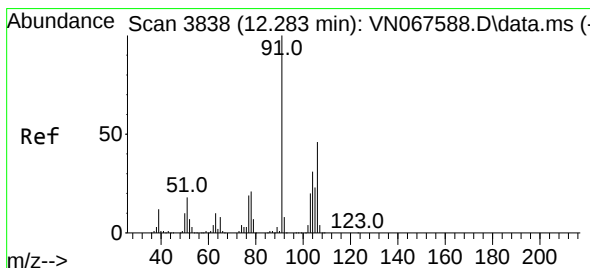
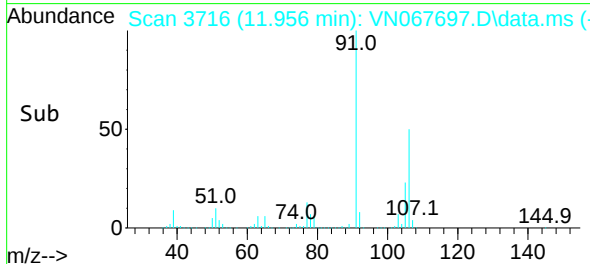
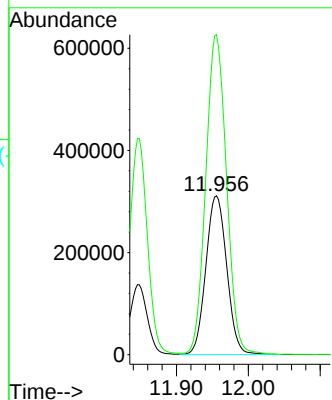
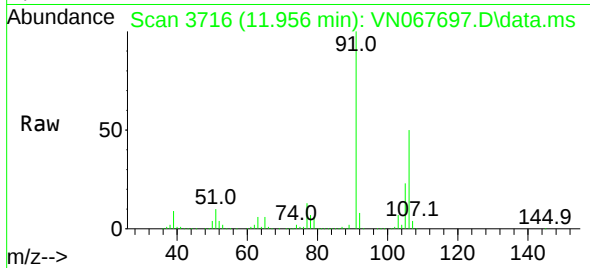
#67
m/p-Xylenes
Concen: 45.760 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:106 Resp: 628937
Ion Ratio Lower Upper
106 100
91 199.9 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

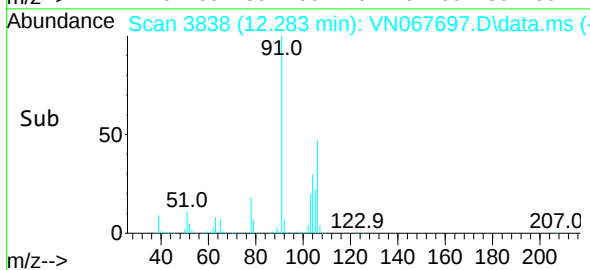
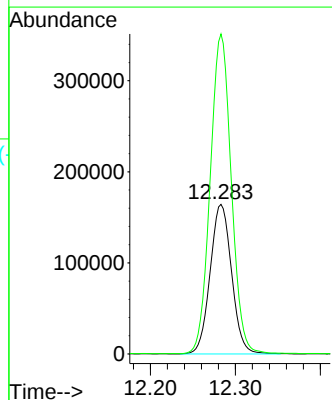
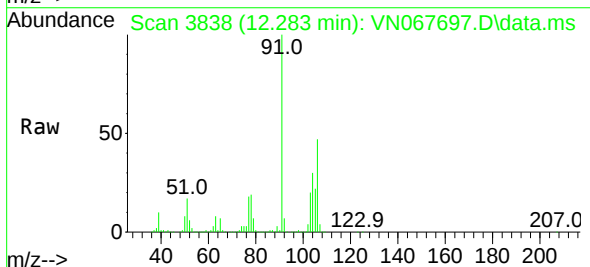
Manual Integrations
APPROVED

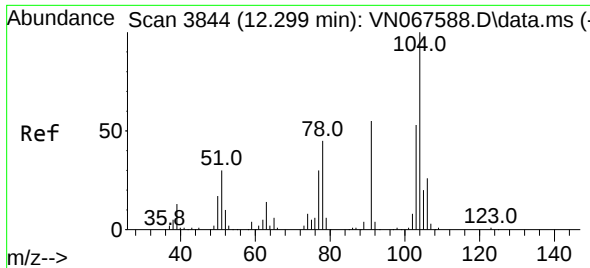
MMDadoda
7/12/2021 5:45:02 PM



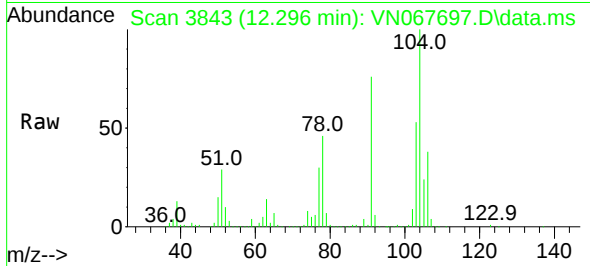
#68
o-Xylene
Concen: 21.080 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:106 Resp: 288637
Ion Ratio Lower Upper
106 100
91 209.6 120.0 360.0

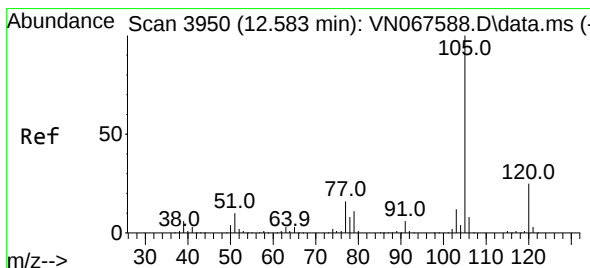
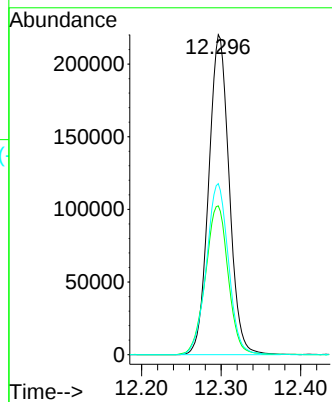
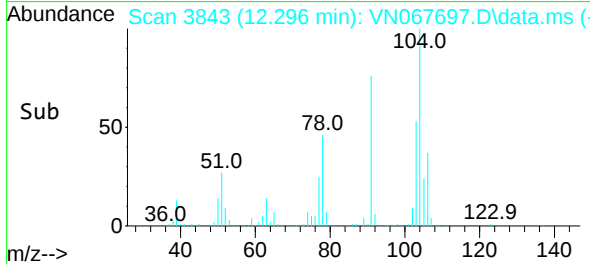




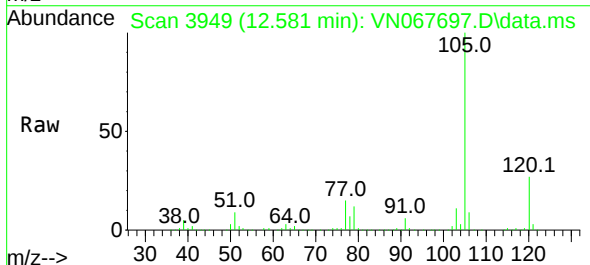
#69
Styrene
Concen: 17.534 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



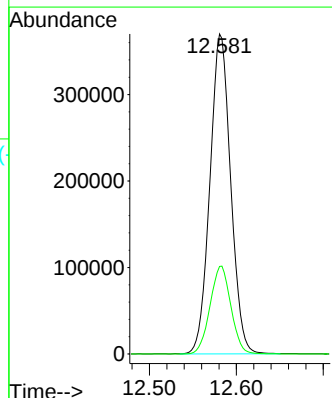
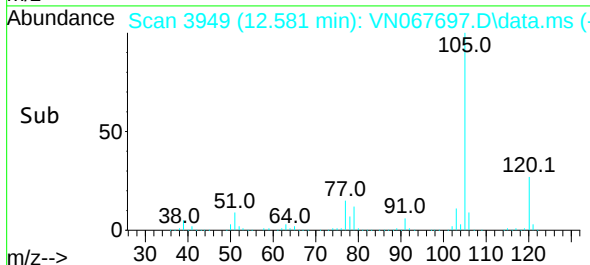
Tgt Ion:104 Resp: 394318
Ion Ratio Lower Upper
104 100
78 51.6 48.2 72.2
103 57.7 44.5 66.7



#70
Isopropylbenzene
Concen: 17.492 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



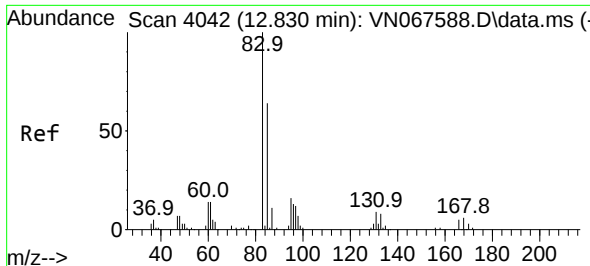
Tgt Ion:105 Resp: 612773
Ion Ratio Lower Upper
105 100
120 27.6 17.6 32.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:45:02 PM



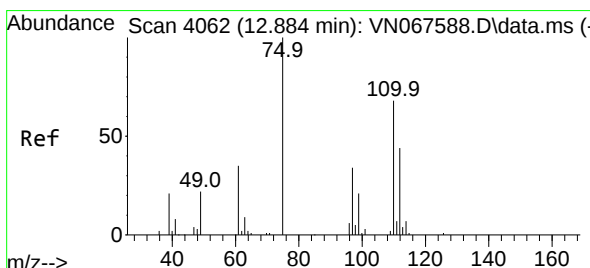
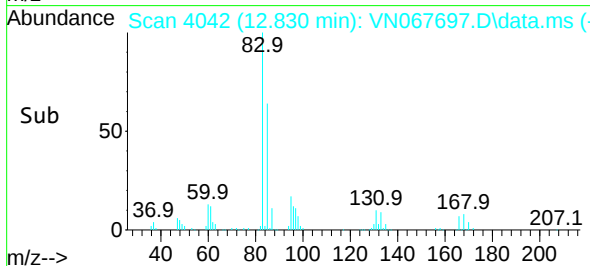
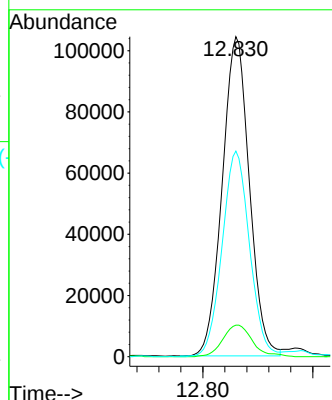
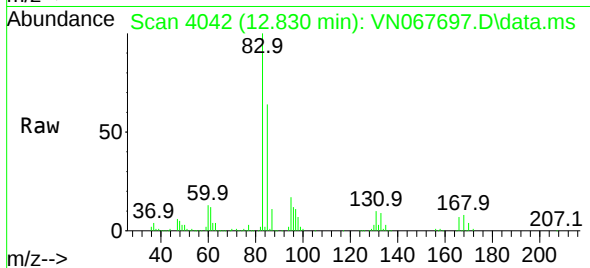
#71
1,1,2,2-Tetrachloroethane
Concen: 17.751 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 83 Resp: 178845
Ion Ratio Lower Upper
83 100
131 10.8 4.7 14.0
85 65.1 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

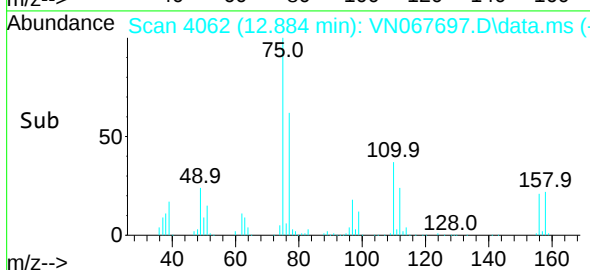
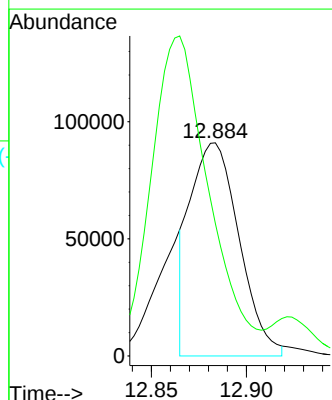
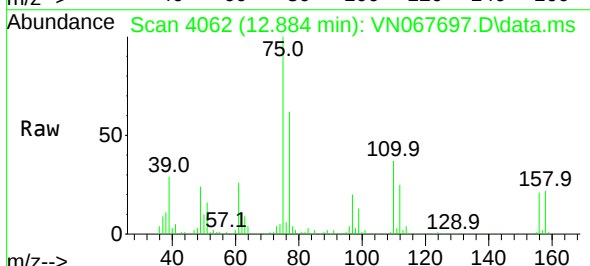
Manual Integrations
APPROVED

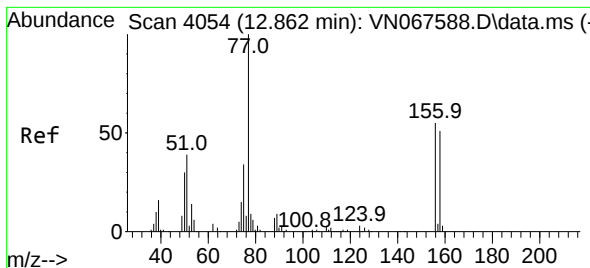
MMDadoda
7/12/2021 5:45:02 PM



#72
1,2,3-Trichloropropane
Concen: 18.534 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 75 Resp: 162496
Ion Ratio Lower Upper
75 100
77 177.9 0.0 374.2





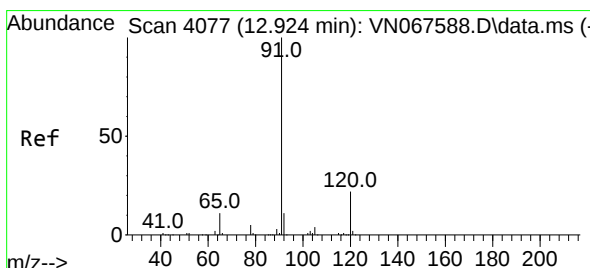
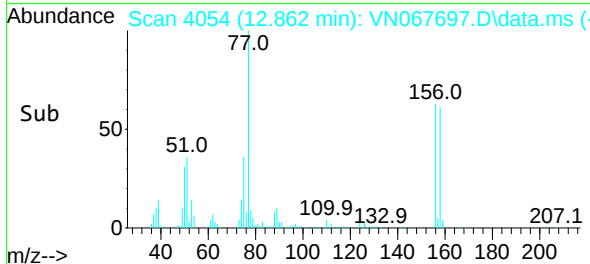
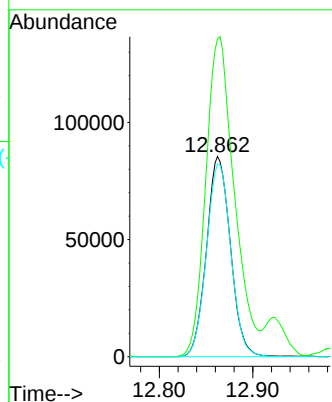
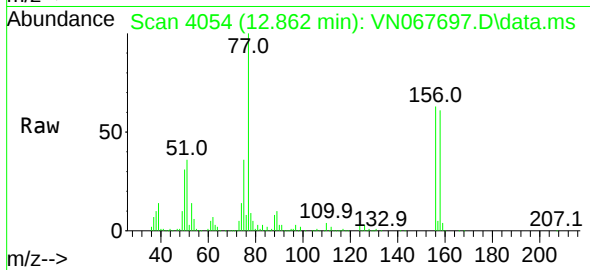
#73
Bromobenzene
Concen: 19.200 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:156 Resp: 152470
Ion Ratio Lower Upper
156 100
77 189.6 0.0 548.0
158 97.8 0.0 194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

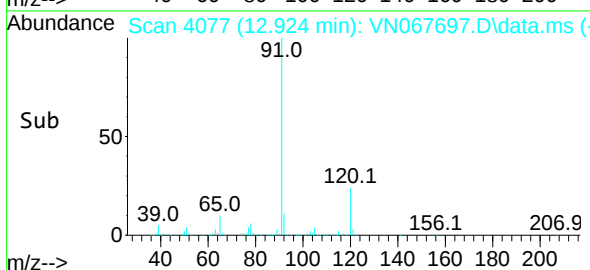
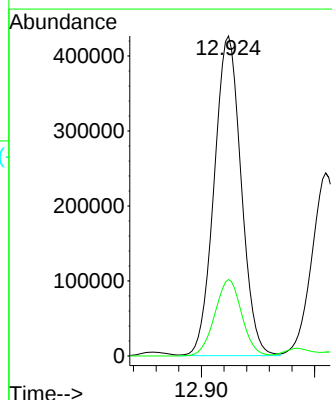
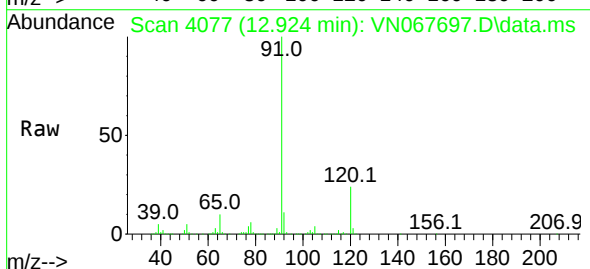
Manual Integrations
APPROVED

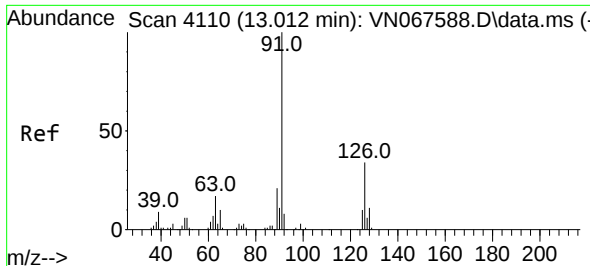
MMDadoda
7/12/2021 5:45:02 PM



#74
n-propylbenzene
Concen: 17.802 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 91 Resp: 704877
Ion Ratio Lower Upper
91 100
120 23.9 0.0 41.0





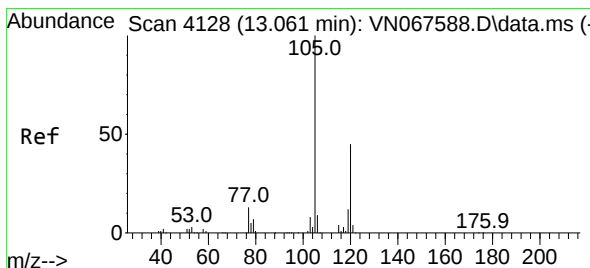
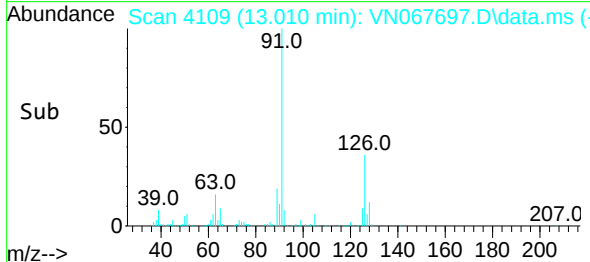
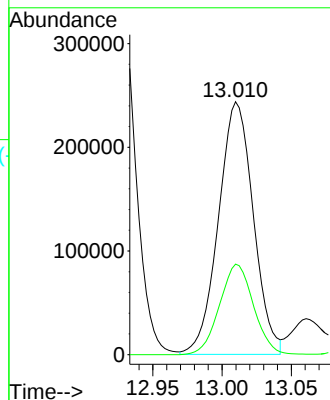
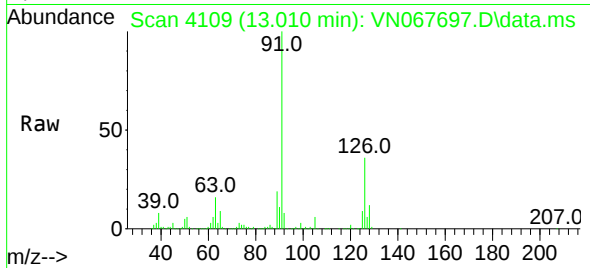
#75
2-Chlorotoluene
Concen: 17.938 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 91 Resp: 427059
Ion Ratio Lower Upper
91 100
126 35.0 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

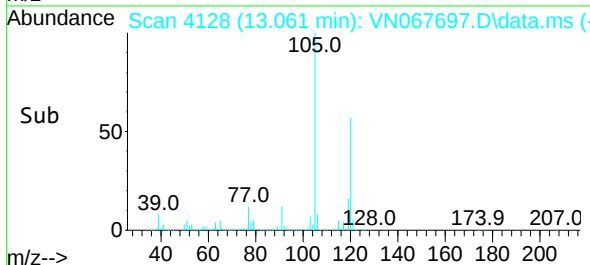
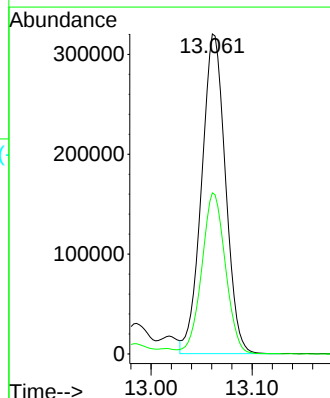
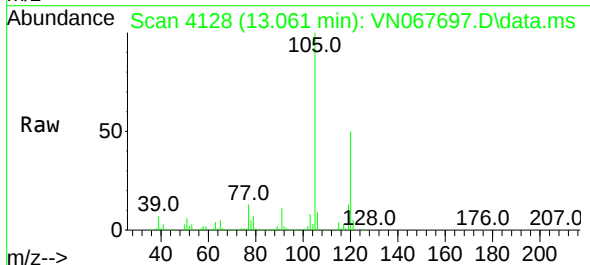
Manual Integrations
APPROVED

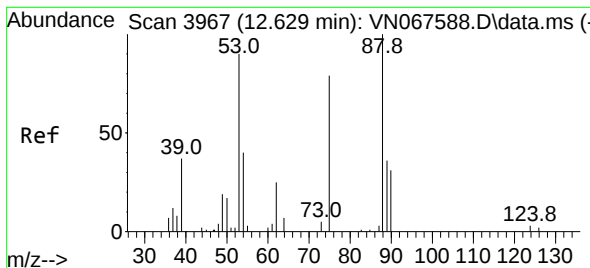
MMDadoda
7/12/2021 5:45:02 PM



#76
1,3,5-Trimethylbenzene
Concen: 18.164 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion:105 Resp: 525491
Ion Ratio Lower Upper
105 100
120 49.9 0.0 90.2





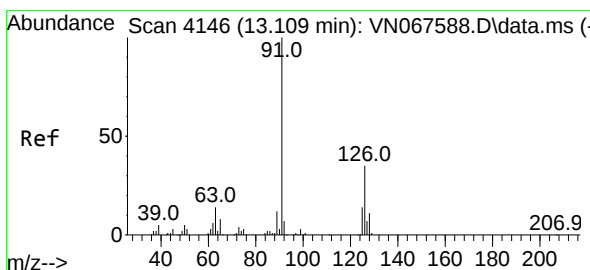
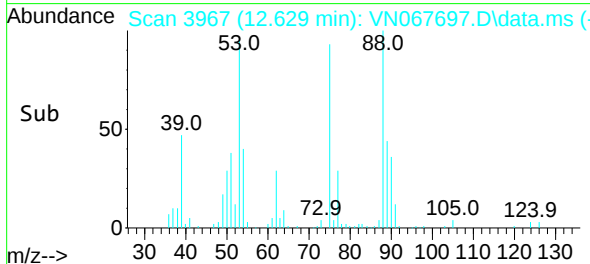
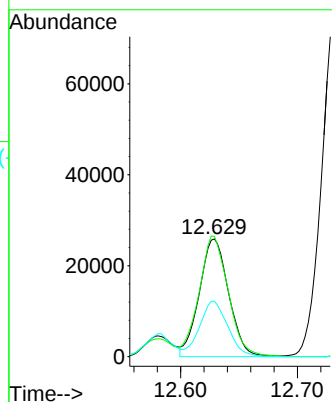
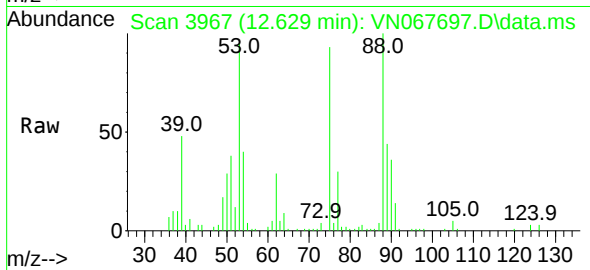
#77
t-1,4-Dichloro-2-butene
Concen: 15.737 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 75 Resp: 45236
Ion Ratio Lower Upper
75 100
53 102.1 55.2 165.6
89 47.5 24.5 73.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

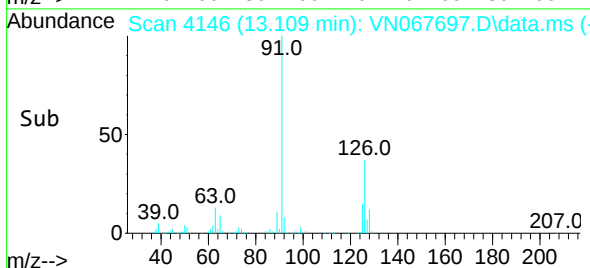
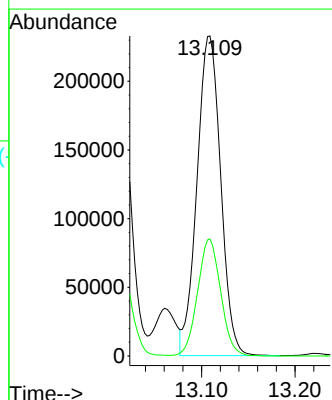
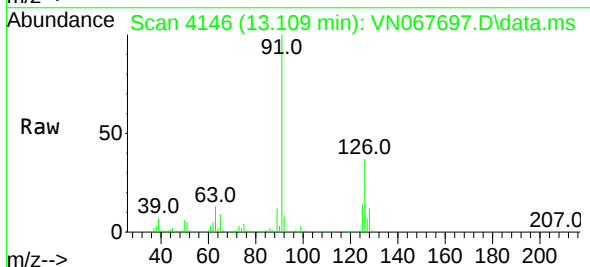
Manual Integrations
APPROVED

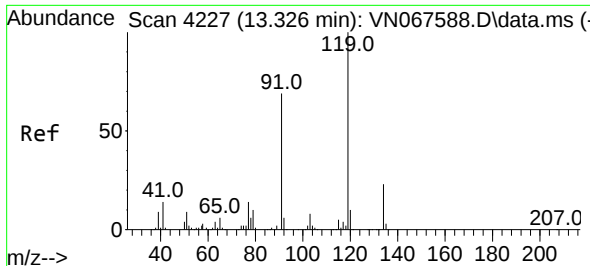
MMDadoda
7/12/2021 5:45:02 PM



#78
4-Chlorotoluene
Concen: 17.334 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

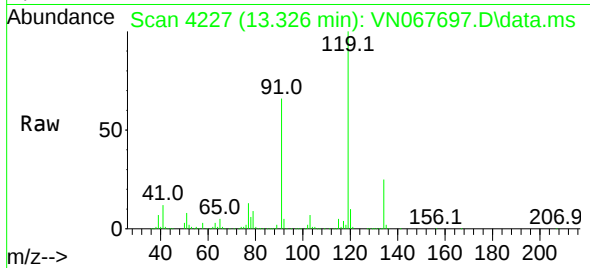
Tgt Ion: 91 Resp: 410456
Ion Ratio Lower Upper
91 100
126 35.7 0.0 57.6





#79
tert-butylbenzene
Concen: 18.035 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

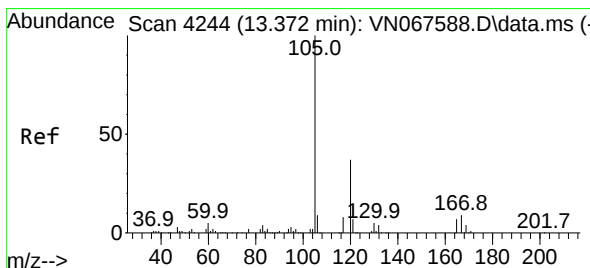
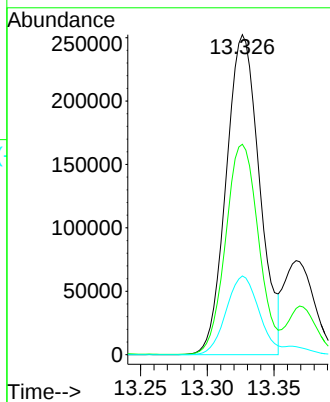
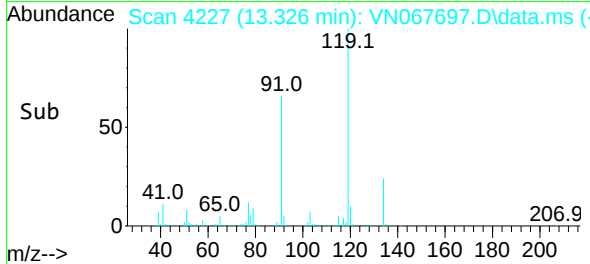
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



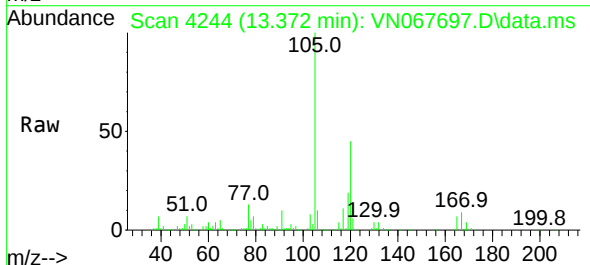
Tgt Ion:119 Resp: 438858
Ion Ratio Lower Upper
119 100
91 64.7 0.0 158.4
134 24.3 0.0 43.6

Manual Integrations
APPROVED

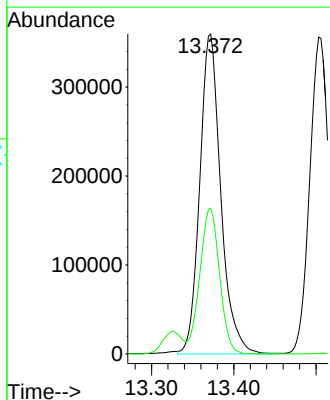
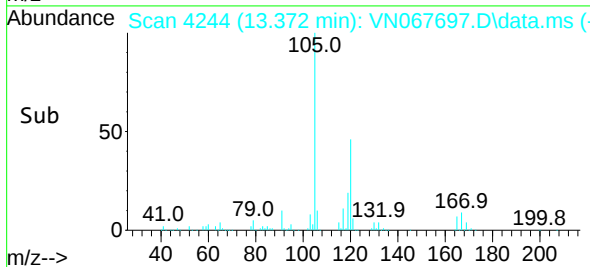
MMDadoda
7/12/2021 5:45:02 PM

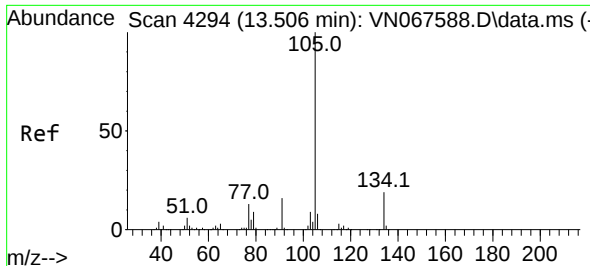


#80
1,2,4-Trimethylbenzene
Concen: 22.427 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



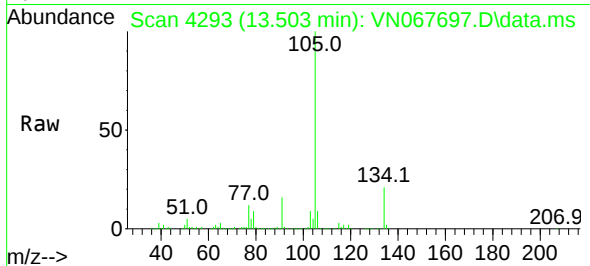
Tgt Ion:105 Resp: 639147
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 17.503 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN067697.D
 Acq: 9 Jul 2021 19:55

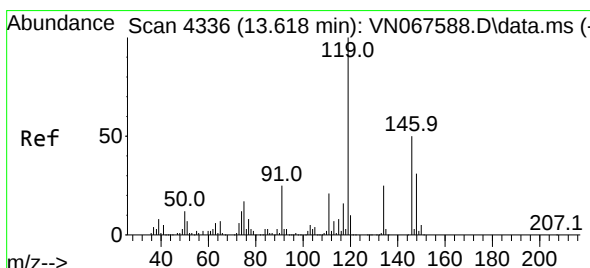
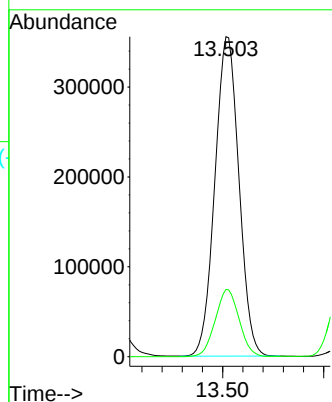
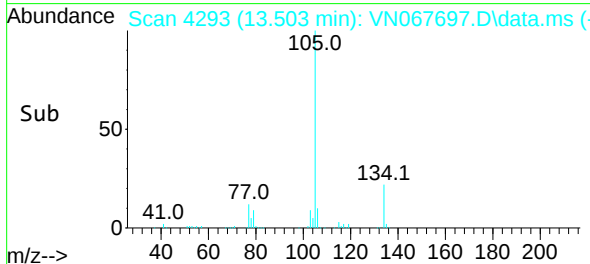
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



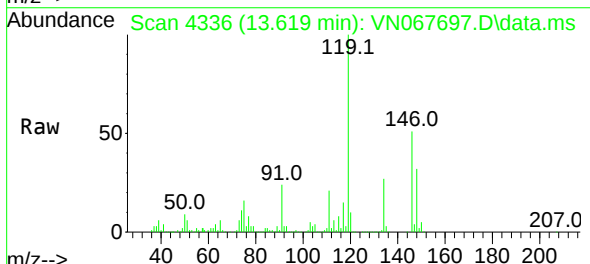
Tgt Ion:105 Resp: 585596
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 35.4

Manual Integrations
 APPROVED

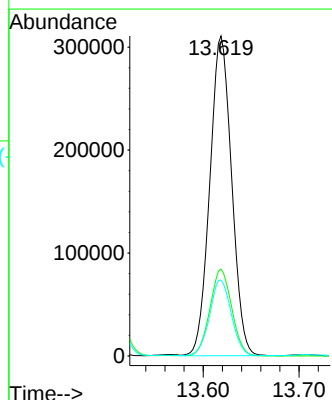
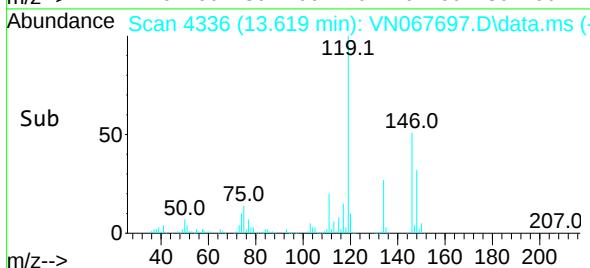
MMDadoda
 7/12/2021 5:45:02 PM

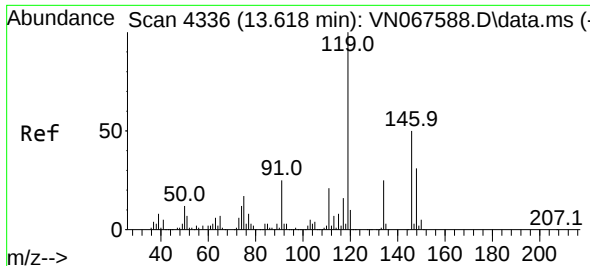


#82
 p-Isopropyltoluene
 Concen: 17.879 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067697.D
 Acq: 9 Jul 2021 19:55

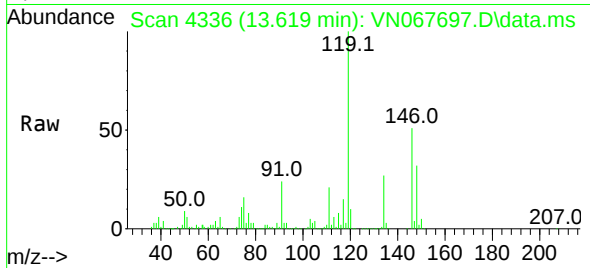


Tgt Ion:119 Resp: 490539
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 49.0
 91 23.4 0.0 59.6

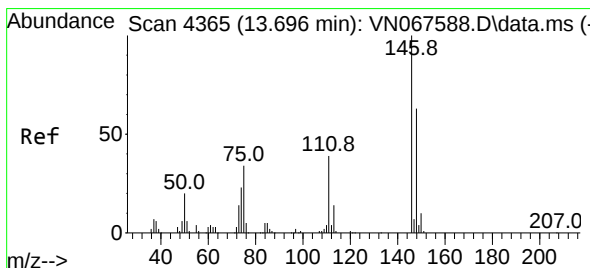
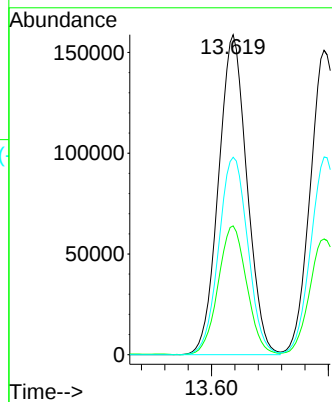
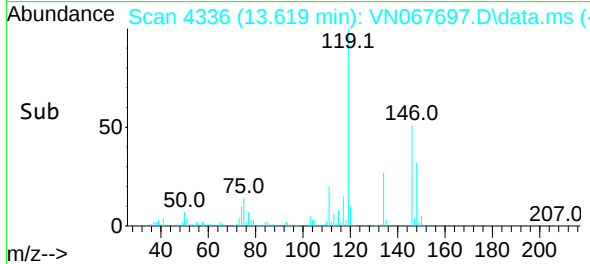




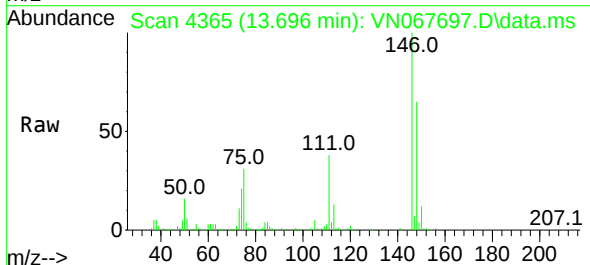
#83
1,3-Dichlorobenzene
Concen: 18.237 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



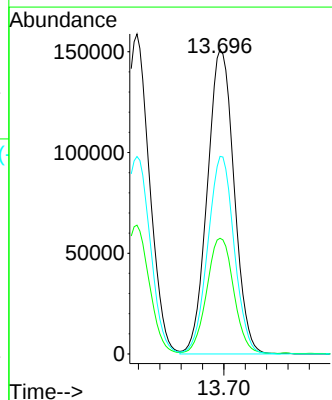
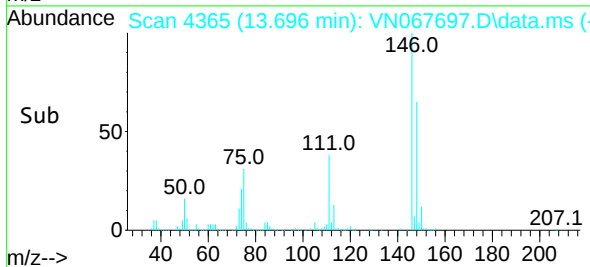
Tgt Ion:146 Resp: 268794
Ion Ratio Lower Upper
146 100
111 40.5 25.0 75.0
148 63.3 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 18.412 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



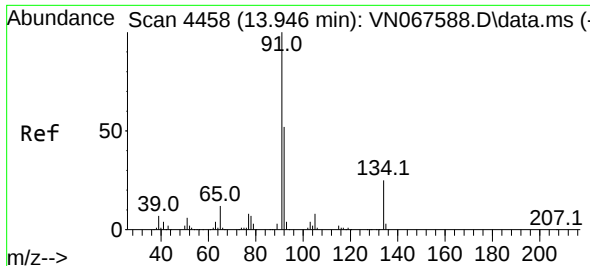
Tgt Ion:146 Resp: 262839
Ion Ratio Lower Upper
146 100
111 38.2 23.6 71.0
148 64.2 31.8 95.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

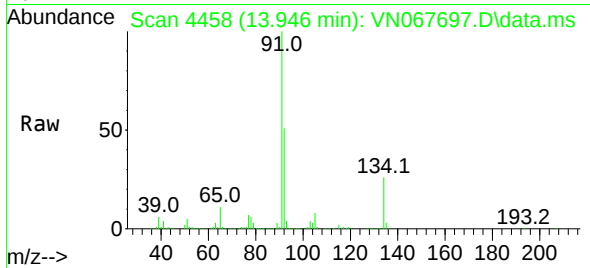
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:45:02 PM



#85
n-Butylbenzene
Concen: 17.299 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

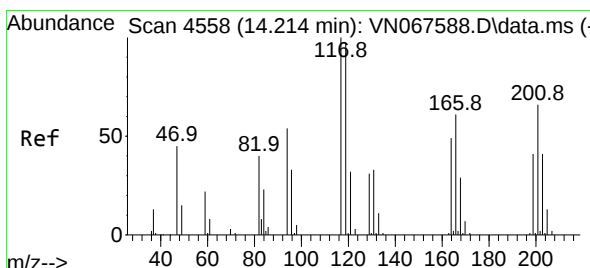
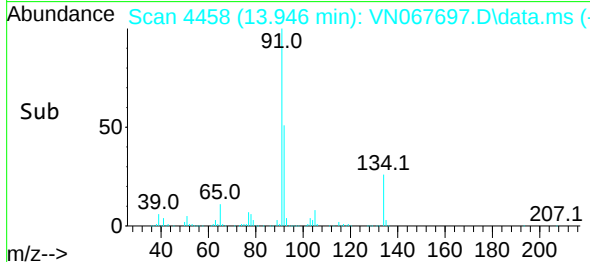
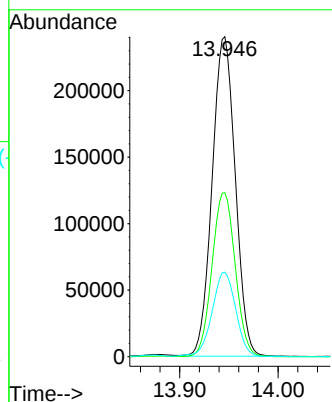
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 392241
Ion Ratio Lower Upper
91 100
92 51.5 0.0 103.0
134 27.2 0.0 43.6

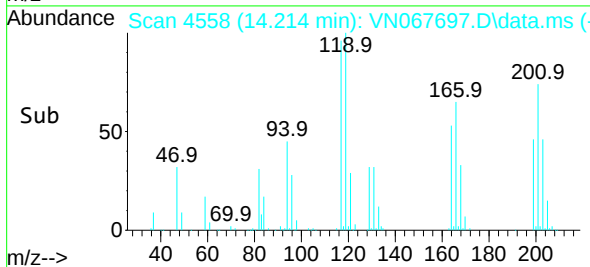
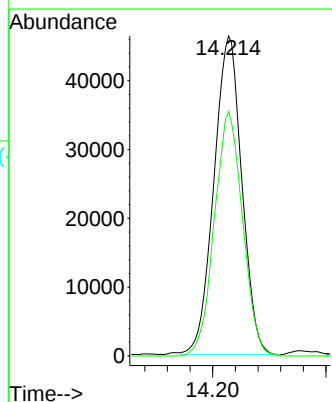
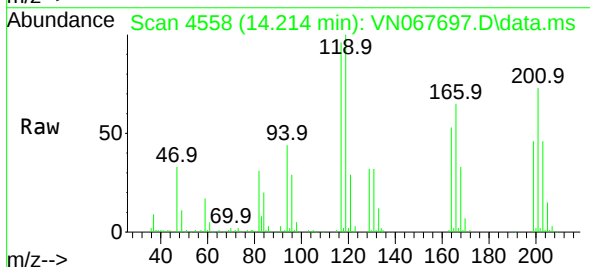
Manual Integrations
APPROVED

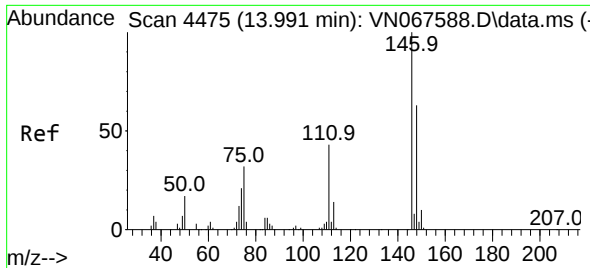
MMDadoda
7/12/2021 5:45:02 PM



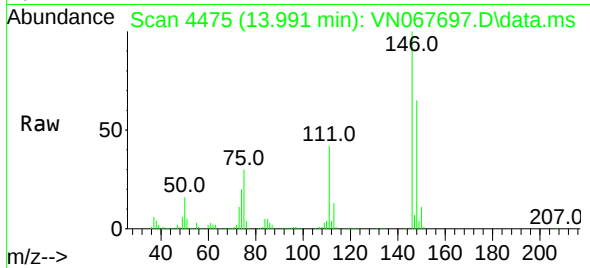
#86
Hexachloroethane
Concen: 16.915 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

Tgt Ion: 117 Resp: 79158
Ion Ratio Lower Upper
117 100
201 77.5 33.3 99.9

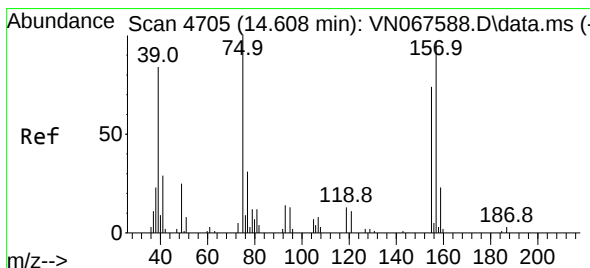
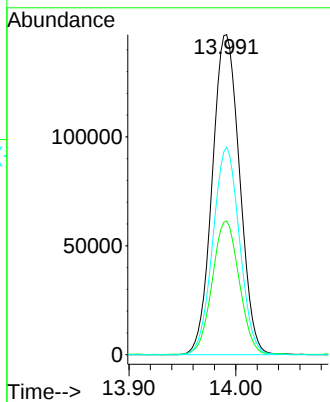
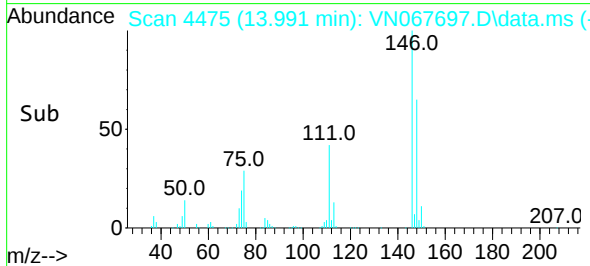




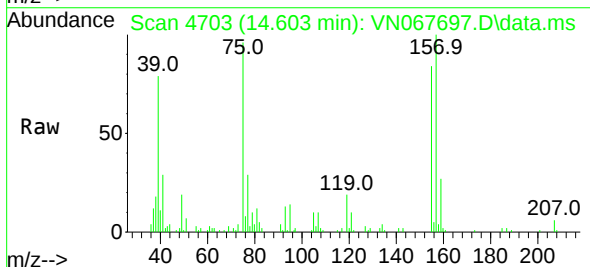
#87
1,2-Dichlorobenzene
Concen: 18.398 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



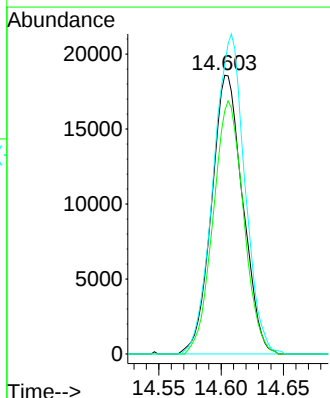
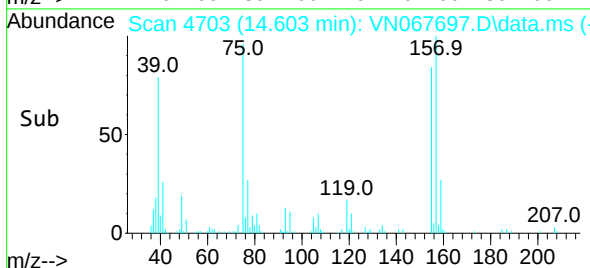
Tgt Ion:146 Resp: 261301
Ion Ratio Lower Upper
146 100
111 41.5 25.0 75.0
148 63.3 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.988 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.005 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



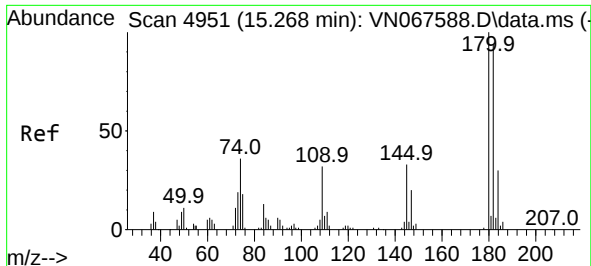
Tgt Ion: 75 Resp: 32397
Ion Ratio Lower Upper
75 100
155 88.1 45.3 67.9#
157 115.3 58.6 87.8#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

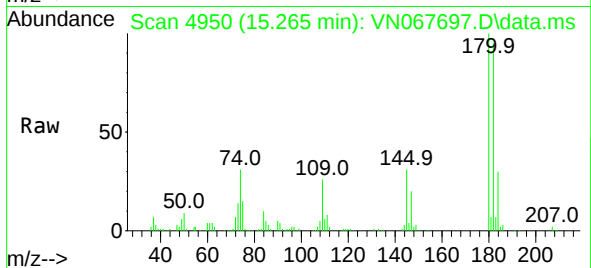
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:45:02 PM



#89
1,2,4-Trichlorobenzene
Concen: 22.298 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

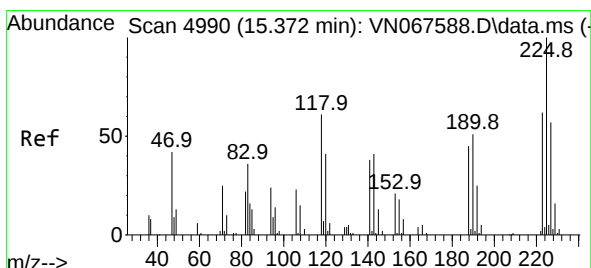
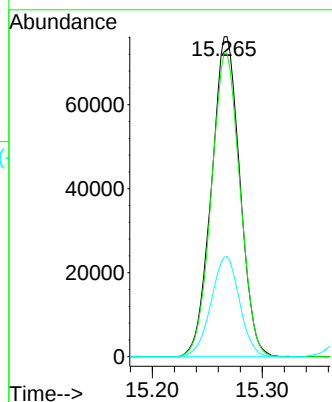
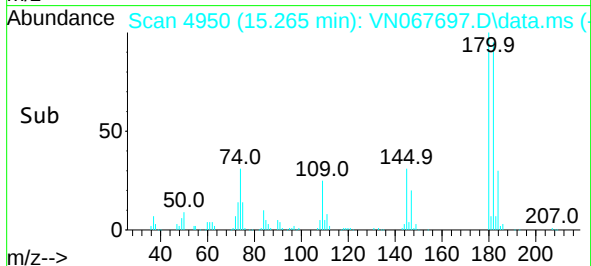
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



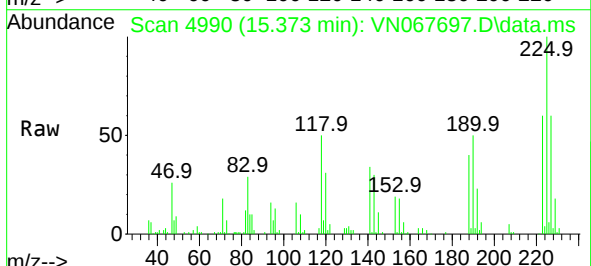
Tgt Ion:180 Resp: 136351
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 31.5 28.8 43.2

Manual Integrations
APPROVED

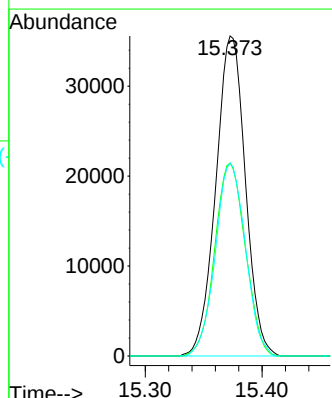
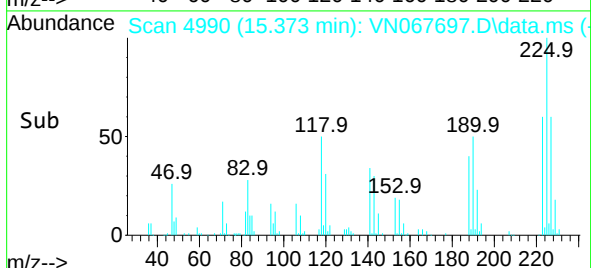
MMDadoda
7/12/2021 5:45:02 PM

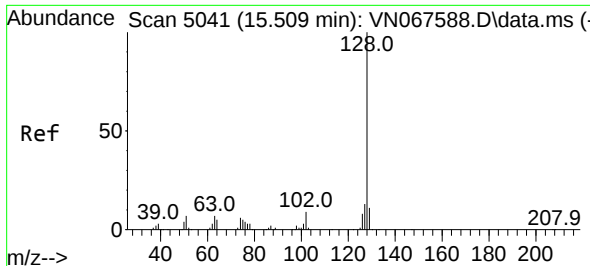


#90
Hexachlorobutadiene
Concen: 22.106 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



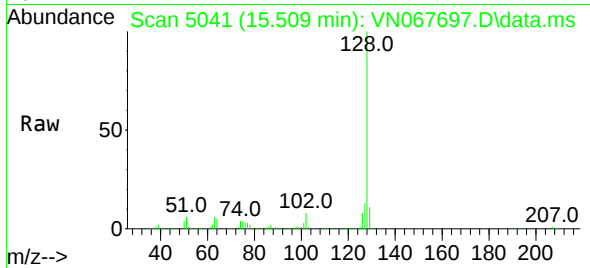
Tgt Ion:225 Resp: 62640
Ion Ratio Lower Upper
225 100
223 62.3 0.0 129.6
227 61.3 0.0 131.2





#91
Naphthalene
Concen: 27.956 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55

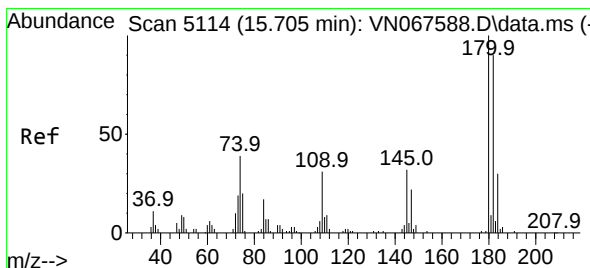
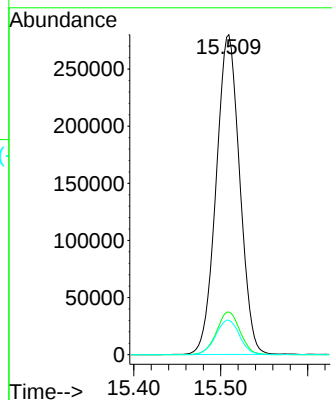
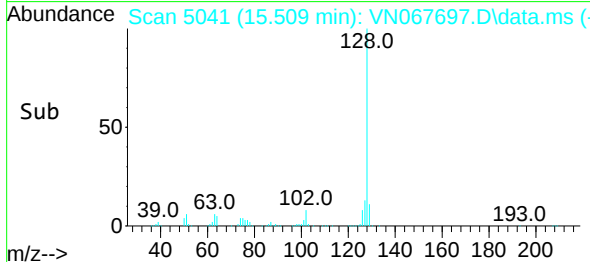
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



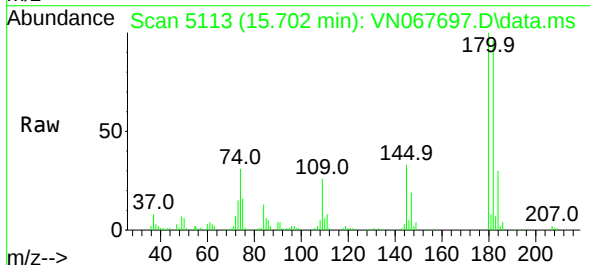
Tgt Ion:128 Resp: 526749
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.0 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:45:02 PM



#92
1,2,3-Trichlorobenzene
Concen: 23.410 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.003 min
Lab File: VN067697.D
Acq: 9 Jul 2021 19:55



Tgt Ion:180 Resp: 136533
Ion Ratio Lower Upper
180 100
182 95.7 0.0 184.6
145 32.9 0.0 76.0

