

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067677.D
 Acq On : 9 Jul 2021 10:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM

Quant Time: Jul 10 05:16:59 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	7.657	128	63036	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	392065	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	375838	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	173836	34.127	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.767%#			
60) 4-Bromofluorobenzene	12.736	95	189570	31.005	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.333%			
63) Toluene-d8	10.443	98	514880	29.939	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	68337	17.505	ug/l	96
3) Chloromethane	2.303	50	92711	19.730	ug/l	99
4) Vinyl Chloride	2.446	62	146812	19.850	ug/l	95
5) Bromomethane	2.861	94	121224	20.319	ug/l	93
6) Chloroethane	3.022	64	113832	20.871	ug/l	94
7) Trichlorofluoromethane	3.373	101	282971	20.069	ug/l	99
8) Diethyl Ether	3.821	74	46067	12.559	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.208	101	73868	23.799	ug/l	95
10) 1,1-Dichloroethene	4.175	96	66839	21.823	ug/l	91
11) Methyl Iodide	4.417	142	85283	20.911	ug/l	93
12) Methyl Acetate	4.854	43	86984	22.132	ug/l	94
13) Acrolein	4.041	56	62062	111.976	ug/l	98
14) Acrylonitrile	5.557	53	188690	103.358	ug/l	99
15) Acetone	4.288	58	77677	181.638	ug/l	92
16) Carbon Disulfide	4.524	76	183446	20.852	ug/l	99
17) Allyl chloride	4.838	41	114032	21.114	ug/l	88
18) Methylene Chloride	5.090	84	85953	21.630	ug/l	88
19) trans-1,2-Dichloroethene	5.597	96	78189	21.231	ug/l	88
20) Diisopropyl ether	6.501	45	265950	20.362	ug/l #	90
21) 1,1-Dichloroethane	6.388	63	150631	21.593	ug/l	97
22) cis-1,2-Dichloroethene	7.327	96	90887	20.180	ug/l	94
23) tert-Butyl Alcohol	5.380	59	68917m	99.207	ug/l	
24) Methyl tert-Butyl Ether	5.621	73	256925	19.965	ug/l	97
25) Chloroform	7.820	83	165748	21.081	ug/l	99
26) Cyclohexane	8.094	56	135923	21.570	ug/l #	93
29) 1,1-Dichloropropene	8.222	75	123765	20.145	ug/l	97
30) 2-Butanone	7.340	43	322987	115.209	ug/l	97
31) 2,2-Dichloropropane	7.324	77	131341	20.082	ug/l	95
32) 1,1,1-Trichloroethane	8.013	97	144388	18.754	ug/l	98
33) Carbon Tetrachloride	8.206	117	120361	18.442	ug/l	94
34) Benzene	8.461	78	364523	19.246	ug/l	97
35) Methacrylonitrile	7.643	41	55523	18.211	ug/l	97
36) 1,2-Dichloroethane	8.534	62	139279	19.990	ug/l	99
37) Trichloroethene	9.217	130	93168	19.654	ug/l	89
38) Methylcyclohexane	9.459	83	139927	20.487	ug/l	93
39) 1,2-Dichloropropane	9.491	63	93380	19.721	ug/l	100
40) Dibromomethane	9.580	93	66292	18.934	ug/l	97
41) Bromodichloromethane	9.762	83	126837	18.667	ug/l	99
42) Vinyl Acetate	6.434	43	1132485m	92.231	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067677.D
 Acq On : 9 Jul 2021 10:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

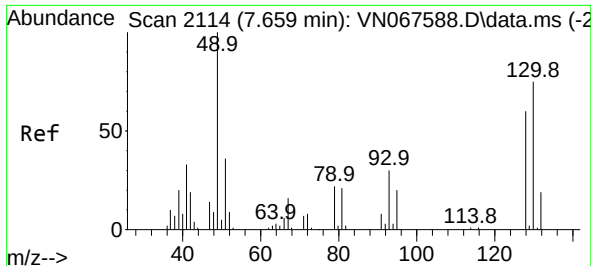
MMDadoda
 7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM

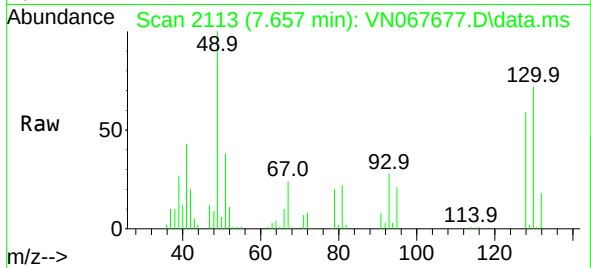
Quant Time: Jul 10 05:16:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	122470m	20.127	ug/l	
44) Isopropyl Acetate	8.566	43	199745	18.525	ug/l	97
45) 1,4-Dioxane	9.572	88	28342	335.120	ug/l #	92
46) Methyl methacrylate	9.563	41	86108	18.643	ug/l	93
47) n-amyl Acetate	12.390	43	160975	17.751	ug/l	96
48) t-1,3-Dichloropropene	10.719	75	133256	18.229	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	141234	18.328	ug/l	95
50) 1,1,2-Trichloroethane	10.902	97	90281	18.250	ug/l	97
51) Ethyl methacrylate	10.765	69	138945	17.827	ug/l	97
52) 1,3-Dichloropropane	11.047	76	152042	18.605	ug/l	98
53) Dibromochloromethane	11.242	129	90117	16.905	ug/l	100
54) 1,2-Dibromoethane	11.347	107	94360	18.279	ug/l	99
55) 2-Chloroethyl vinyl ether	10.044	63	119948	72.345	ug/l	97
56) Bromoform	12.460	173	56857	15.320	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	626465	95.784	ug/l	98
59) 2-Hexanone	11.087	43	474945	104.246	ug/l	96
61) Tetrachloroethene	10.980	164	91308	19.719	ug/l	98
62) Toluene	10.508	91	433908	19.628	ug/l	98
64) Chlorobenzene	11.771	112	257605	19.667	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	89866	18.411	ug/l	98
66) Ethyl Benzene	11.849	91	477065	19.581	ug/l	98
67) m/p-Xylenes	11.956	106	363834	38.468	ug/l	88
68) o-Xylene	12.283	106	178121	18.904	ug/l	88
69) Styrene	12.296	104	290242	18.754	ug/l	94
70) Isopropylbenzene	12.581	105	467702	19.400	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	131684	18.993	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	123392m	20.451	ug/l	
73) Bromobenzene	12.862	156	100093	18.316	ug/l	80
74) n-propylbenzene	12.924	91	543688	19.953	ug/l	96
75) 2-Chlorotoluene	13.010	91	325252	19.852	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	391926	19.686	ug/l	95
77) t-1,4-Dichloro-2-butene	12.629	75	32199	16.277	ug/l	98
78) 4-Chlorotoluene	13.109	91	327394	20.092	ug/l	93
79) tert-butylbenzene	13.326	119	323549	19.322	ug/l	89
80) 1,2,4-Trimethylbenzene	13.372	105	387757m	19.771	ug/l	
81) sec-Butylbenzene	13.506	105	462904	20.106	ug/l	97
82) p-Isopropyltoluene	13.619	119	373969	19.807	ug/l	94
83) 1,3-Dichlorobenzene	13.619	146	192019	18.931	ug/l	94
84) 1,4-Dichlorobenzene	13.699	146	187635	19.100	ug/l	96
85) n-Butylbenzene	13.946	91	313116	20.067	ug/l	98
86) Hexachloroethane	14.214	117	58005	18.011	ug/l	95
87) 1,2-Dichlorobenzene	13.991	146	184741	18.901	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.606	75	23539	18.992	ug/l #	82
89) 1,2,4-Trichlorobenzene	15.265	180	73447	17.454	ug/l	98
90) Hexachlorobutadiene	15.373	225	40105	20.567	ug/l	95
91) Naphthalene	15.509	128	186820	14.408	ug/l	98
92) 1,2,3-Trichlorobenzene	15.705	180	68779	17.136	ug/l	97

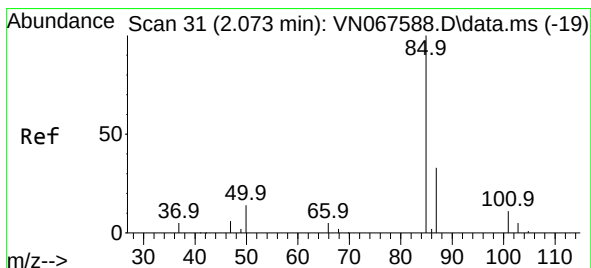
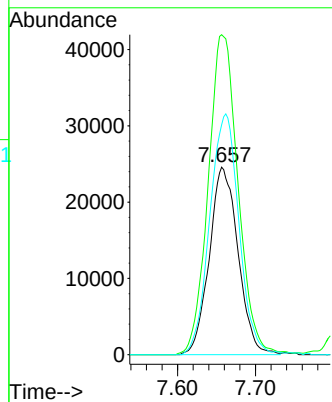
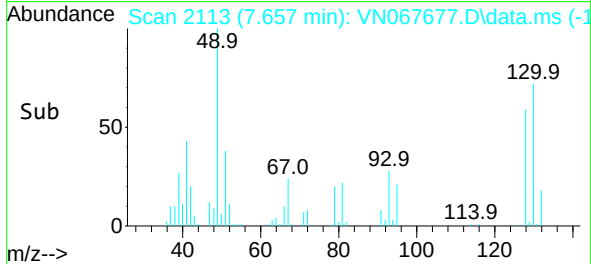
(#) = qualifier out of range (m) = manual integration (+) = signals summed



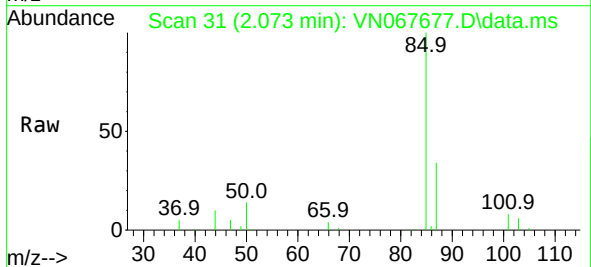
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



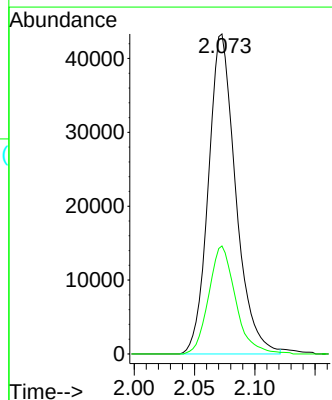
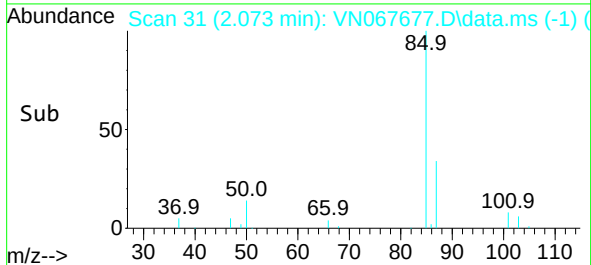
Tgt Ion:128 Resp: 63036
Ion Ratio Lower Upper
128 100
49 176.6 0.0 517.5
130 130.4 0.0 325.8



#2
Dichlorodifluoromethane
Concen: 17.505 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion: 85 Resp: 68337
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

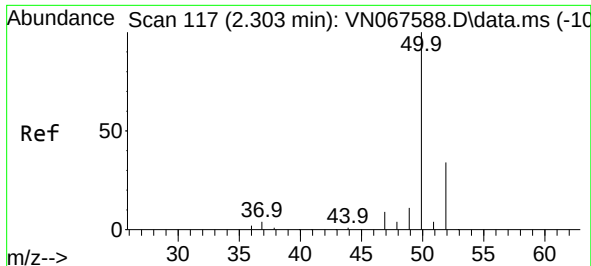


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

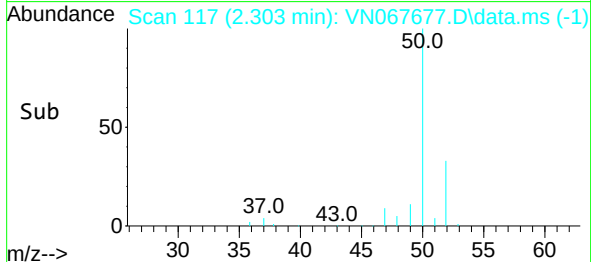
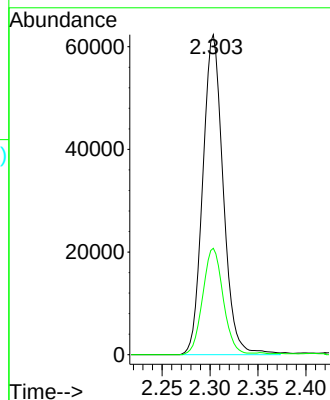
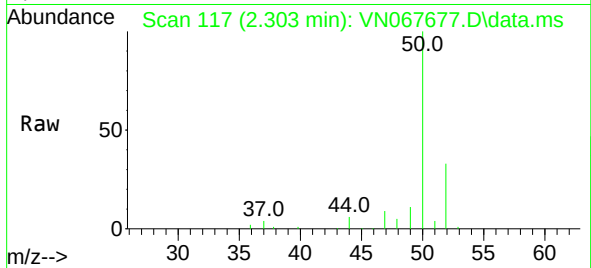
MMDadoda
7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#3
Chloromethane
Concen: 19.730 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 50 Resp: 92711
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0

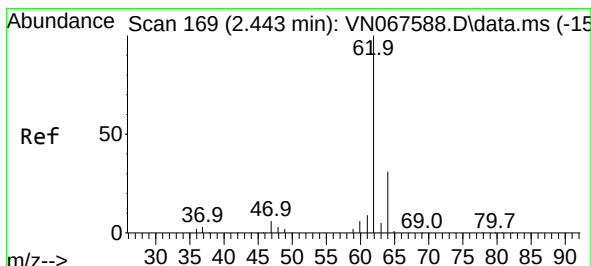


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

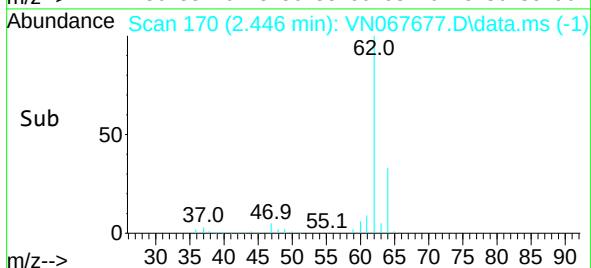
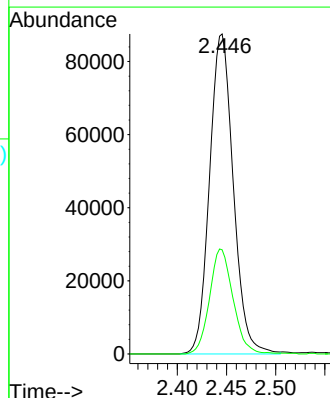
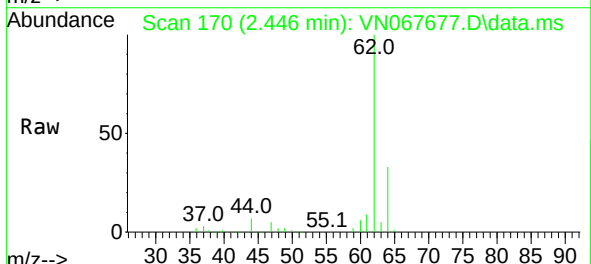
MMDadoda
7/12/2021 5:44:31 PM

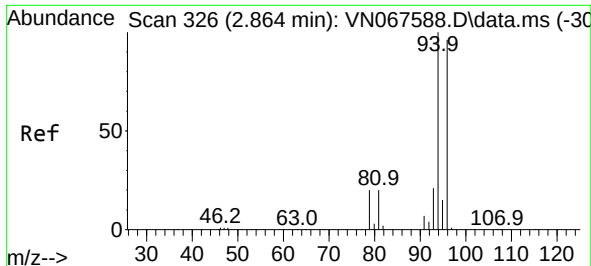
7/12/2021 5:44:31 PM



#4
Vinyl Chloride
Concen: 19.850 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 62 Resp: 146812
Ion Ratio Lower Upper
62 100
64 32.6 23.7 35.5





#5
Bromomethane
Concen: 20.319 ug/l
RT: 2.861 min Scan# 325
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

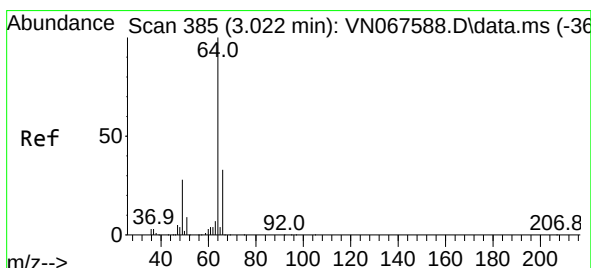
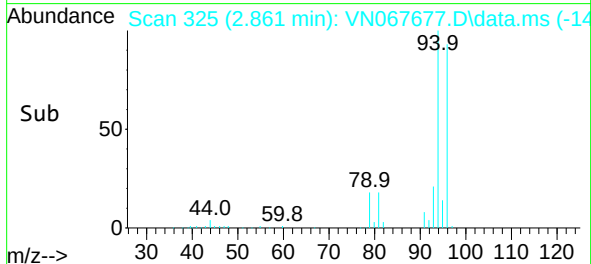
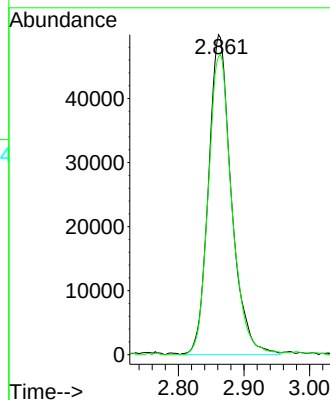
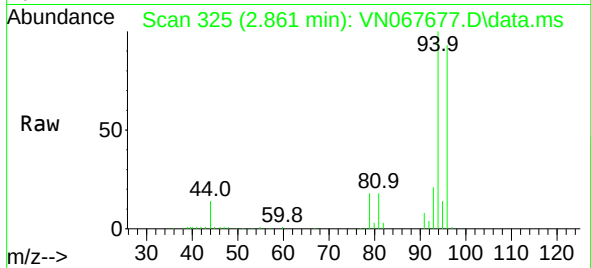
Tgt Ion: 94 Resp: 121224
Ion Ratio Lower Upper
94 100
96 93.2 69.4 104.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

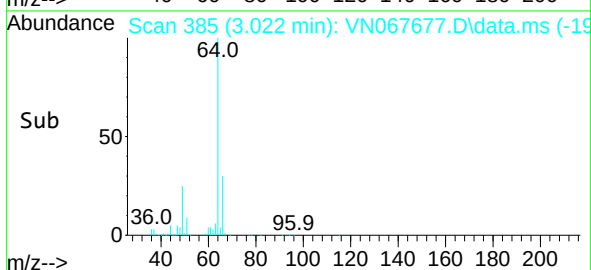
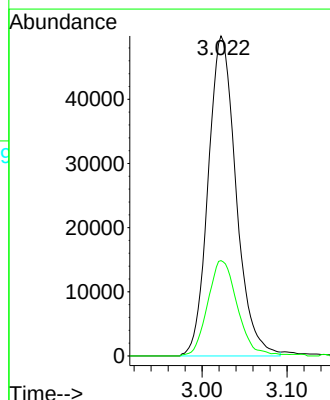
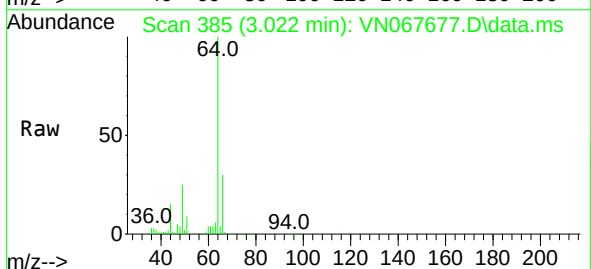
MMDadoda
7/12/2021 5:44:31 PM

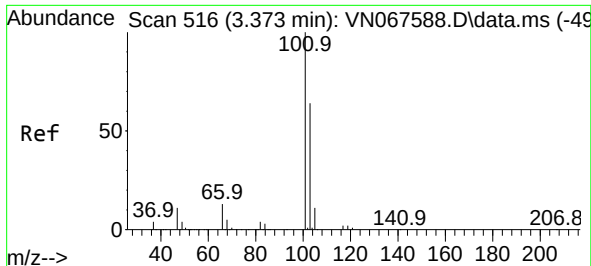
7/12/2021 5:44:31 PM



#6
Chloroethane
Concen: 20.871 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 64 Resp: 113832
Ion Ratio Lower Upper
64 100
66 29.8 21.5 32.3





#7
 Trichlorofluoromethane
 Concen: 20.069 ug/l
 RT: 3.373 min Scan# 516
 Delta R.T. 0.000 min
 Lab File: VN067677.D
 Acq: 9 Jul 2021 10:03

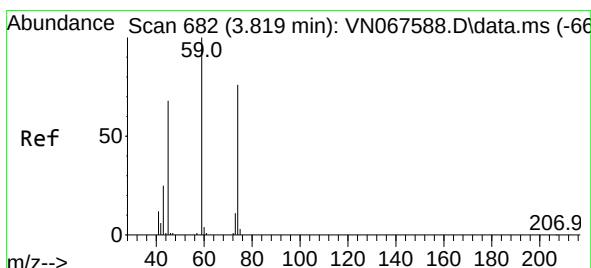
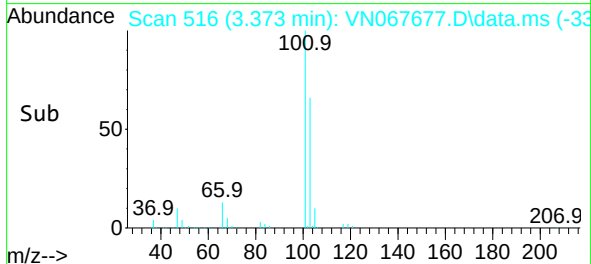
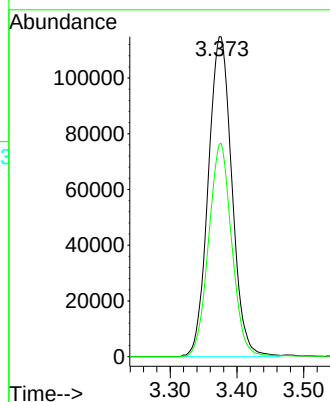
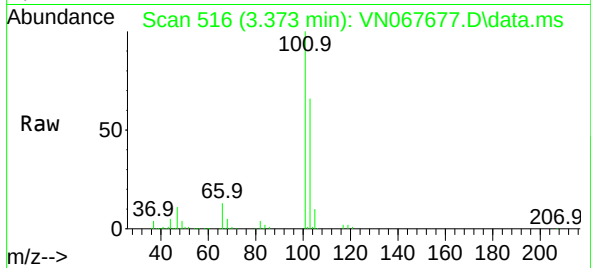
Tgt Ion:101 Resp: 282971
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.7 80.5

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

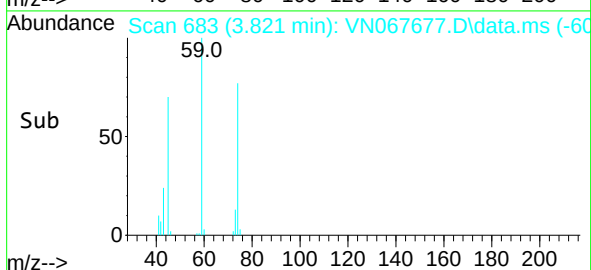
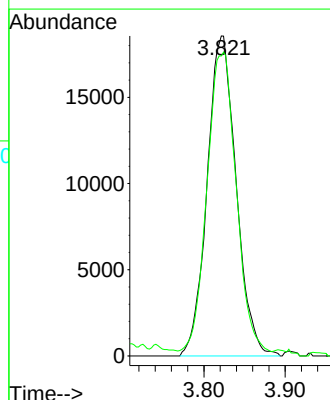
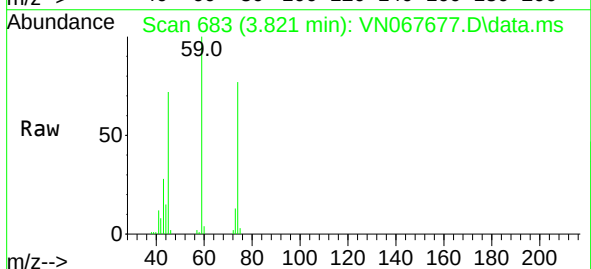
MMDadoda
 7/12/2021 5:44:31 PM

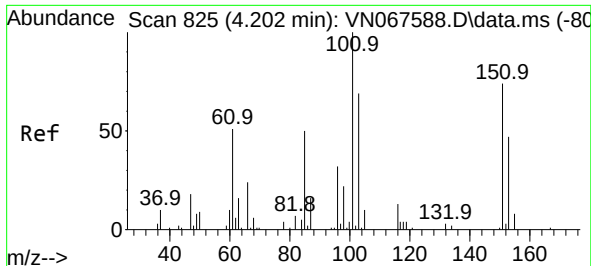
7/12/2021 5:44:31 PM



#8
 Diethyl Ether
 Concen: 12.559 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.003 min
 Lab File: VN067677.D
 Acq: 9 Jul 2021 10:03

Tgt Ion: 74 Resp: 46067
 Ion Ratio Lower Upper
 74 100
 45 93.9 20.3 182.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.799 ug/l
RT: 4.208 min Scan# 827
Delta R.T. 0.006 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

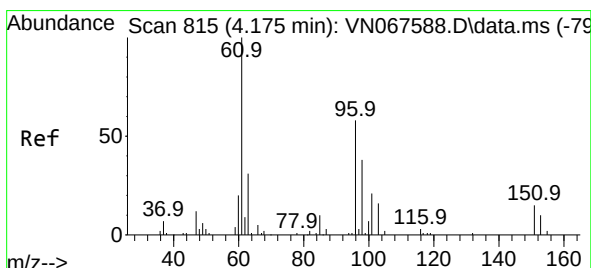
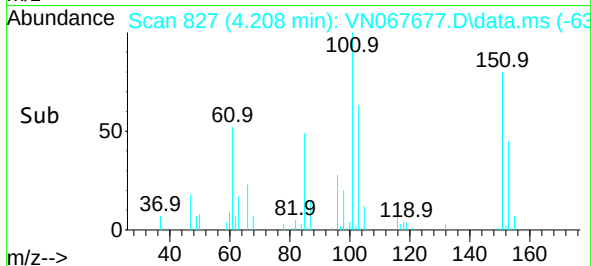
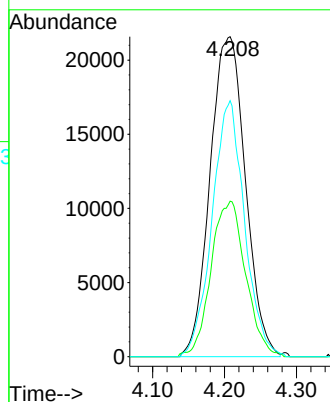
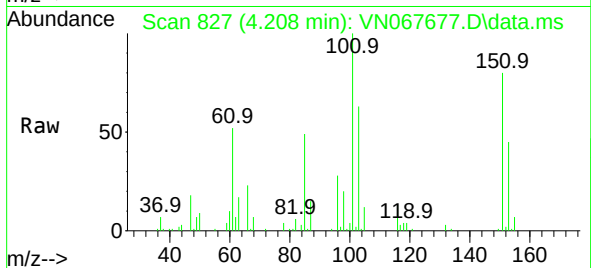
Tgt Ion: 101 Resp: 73868
Ion Ratio Lower Upper
101 100
85 47.5 0.0 97.8
151 73.3 0.0 135.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

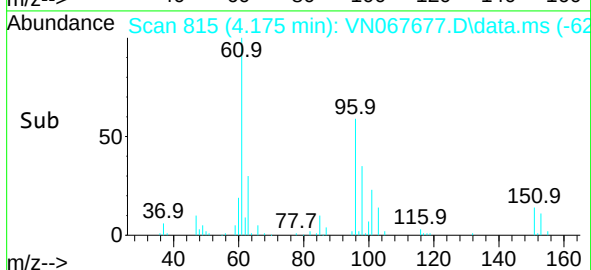
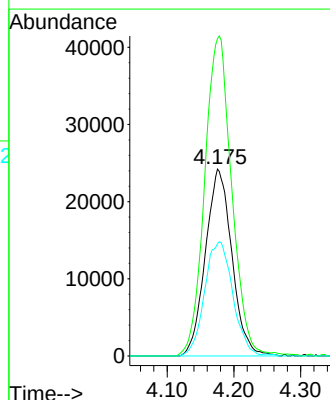
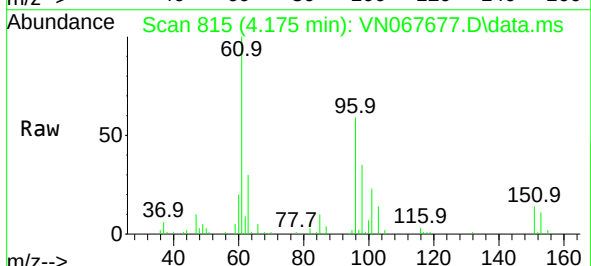
MMDadoda
7/12/2021 5:44:31 PM

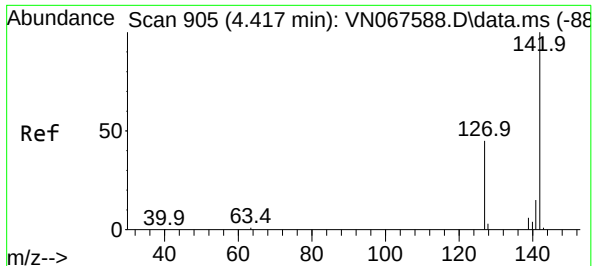
7/12/2021 5:44:31 PM



#10
1,1-Dichloroethene
Concen: 21.823 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

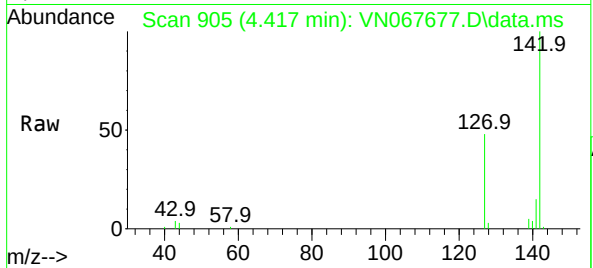
Tgt Ion: 96 Resp: 66839
Ion Ratio Lower Upper
96 100
61 168.6 148.3 222.5
98 60.0 48.6 73.0





#11
Methyl Iodide
Concen: 20.911 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

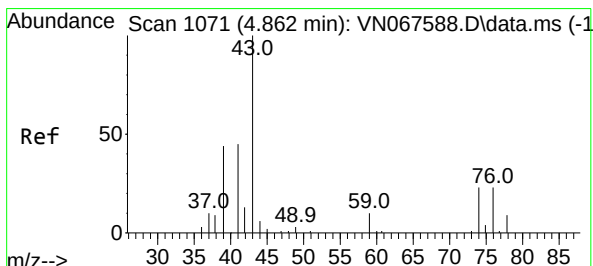
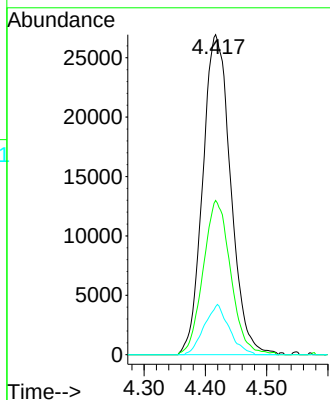
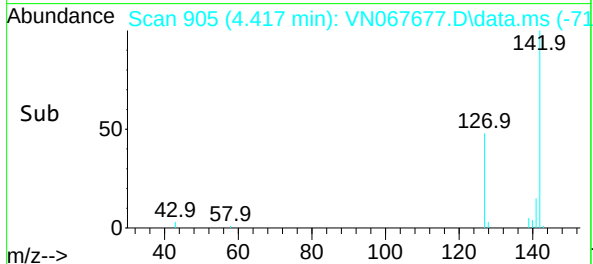


Tgt Ion:142 Resp: 85283
Ion Ratio Lower Upper
142 100
127 48.2 27.2 81.5
141 15.0 6.9 20.7

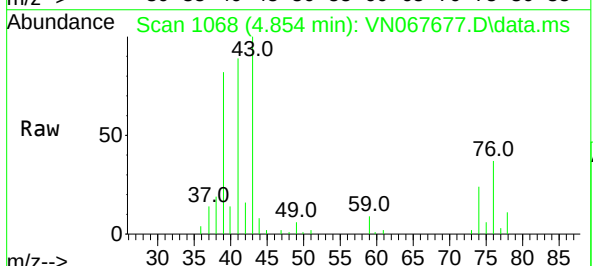
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

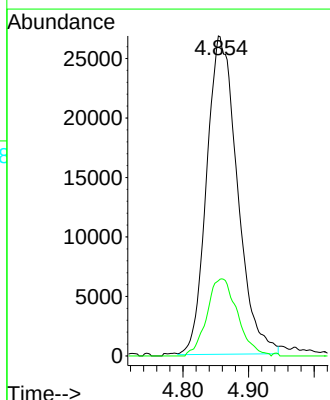
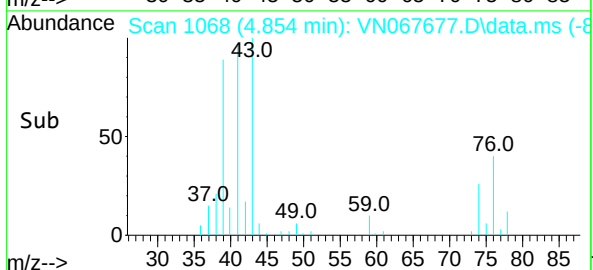
7/12/2021 5:44:31 PM

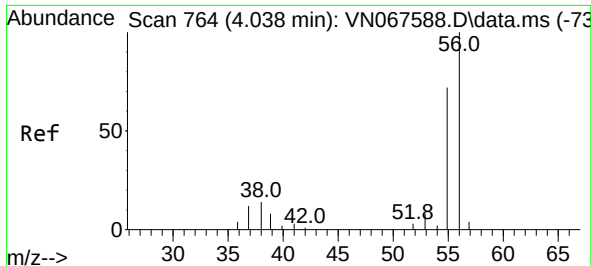


#12
Methyl Acetate
Concen: 22.132 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.008 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion: 43 Resp: 86984
Ion Ratio Lower Upper
43 100
74 23.6 16.6 25.0





#13
Acrolein
Concen: 111.976 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

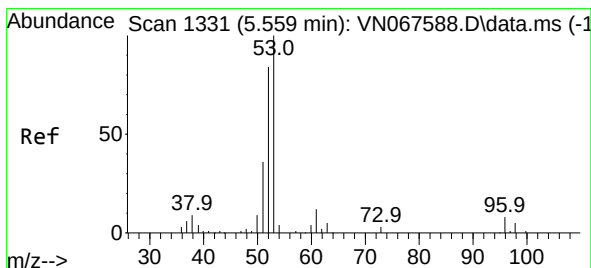
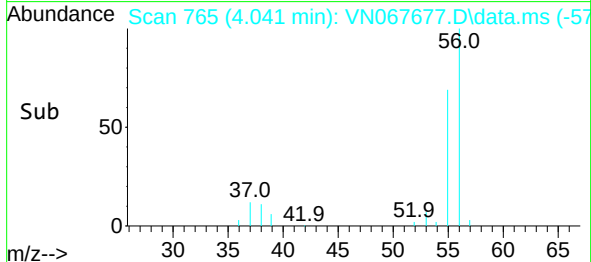
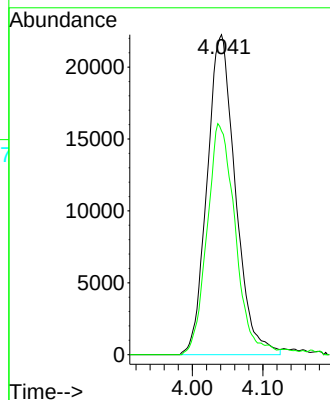
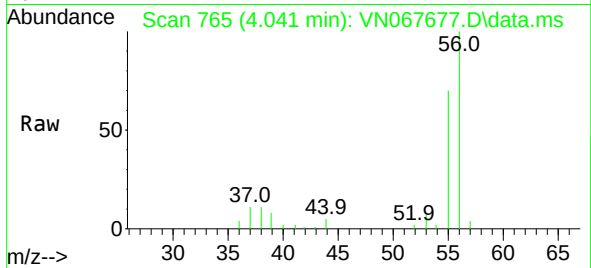
Tgt Ion: 56 Resp: 62062
Ion Ratio Lower Upper
56 100
55 70.2 57.5 86.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

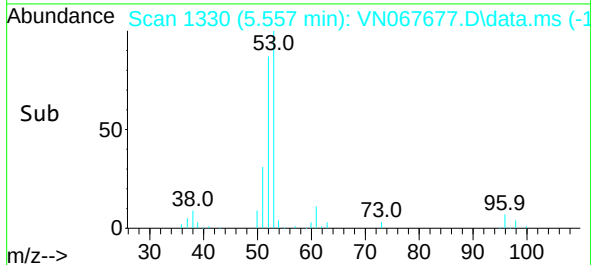
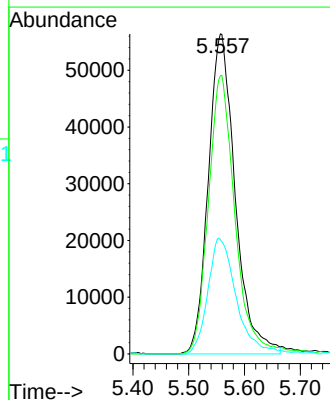
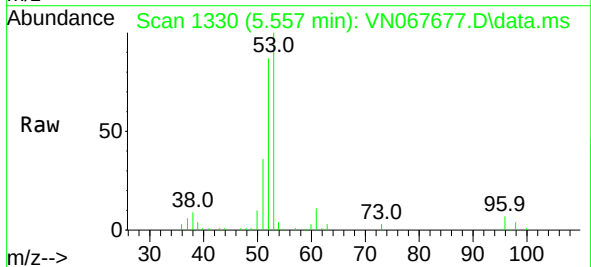
MMDadoda
7/12/2021 5:44:31 PM

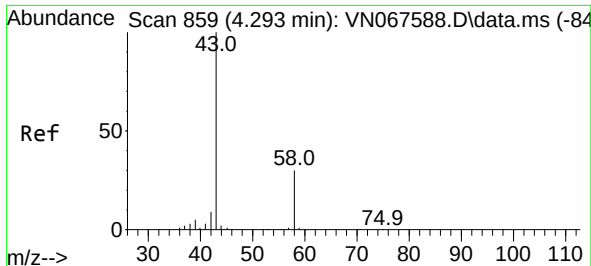
7/12/2021 5:44:31 PM



#14
Acrylonitrile
Concen: 103.358 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 53 Resp: 188690
Ion Ratio Lower Upper
53 100
52 84.6 41.8 125.4
51 37.2 18.1 54.3





#15
Acetone
Concen: 181.638 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.005 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

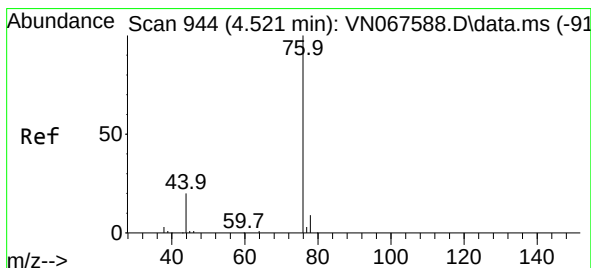
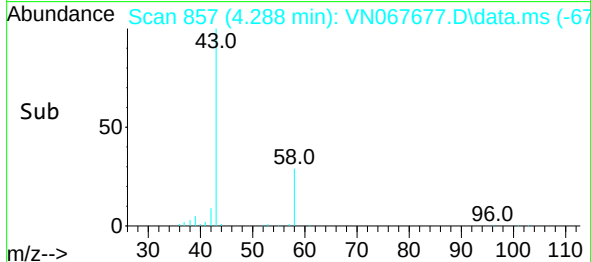
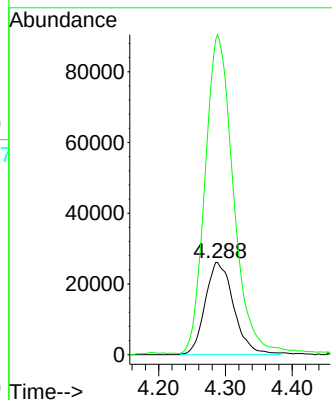
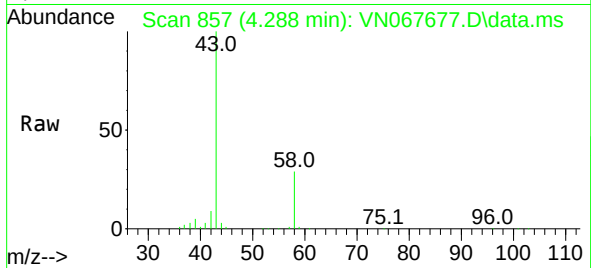
Tgt Ion: 58 Resp: 77677
Ion Ratio Lower Upper
58 100
43 345.3 289.6 434.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

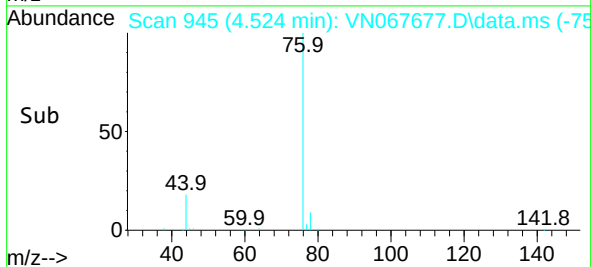
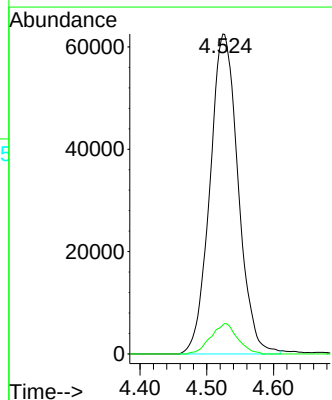
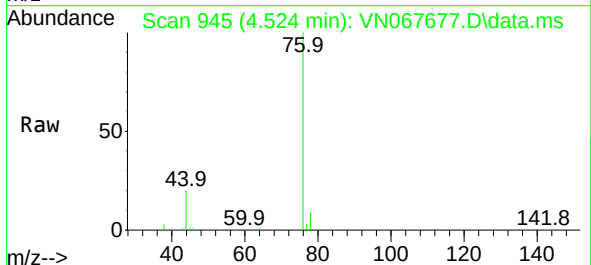
MMDadoda
7/12/2021 5:44:31 PM

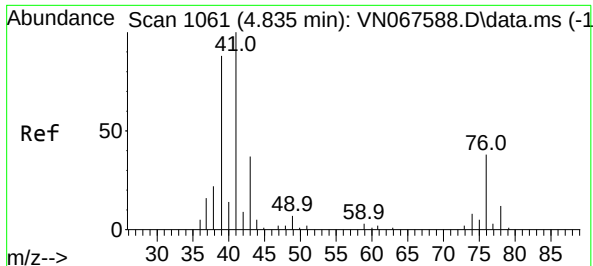
7/12/2021 5:44:31 PM



#16
Carbon Disulfide
Concen: 20.852 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 76 Resp: 183446
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





#17

Allyl chloride

Concen: 21.114 ug/l

RT: 4.838 min Scan# 1062

Delta R.T. 0.003 min

Lab File: VN067677.D

Acq: 9 Jul 2021 10:03

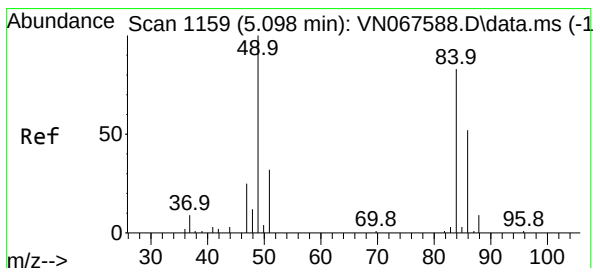
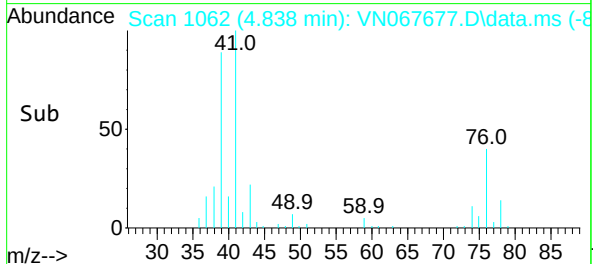
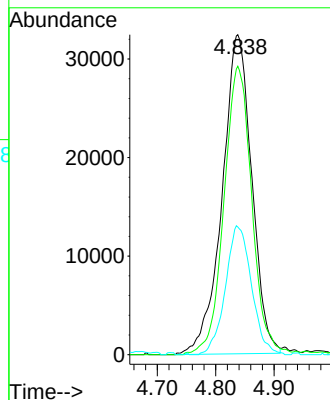
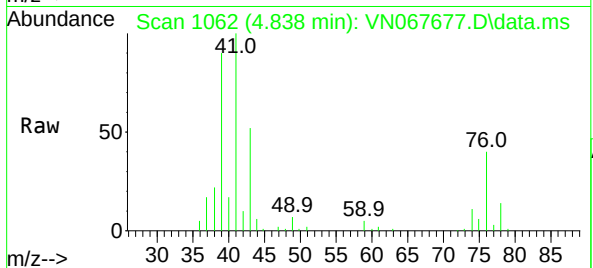
Tgt Ion: 41	Resp: 114032		
Ion	Ratio	Lower	Upper
41	100		
39	90.6	39.8	119.4
76	40.1	16.8	50.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#18

Methylene Chloride

Concen: 21.630 ug/l

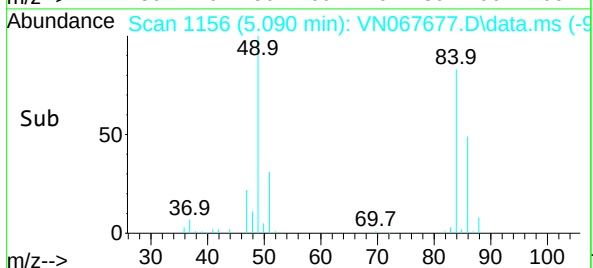
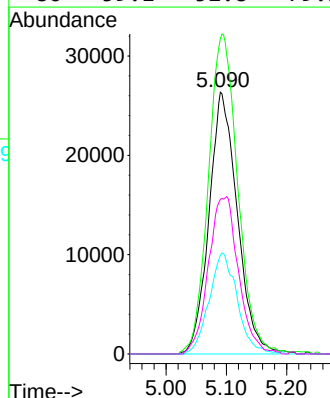
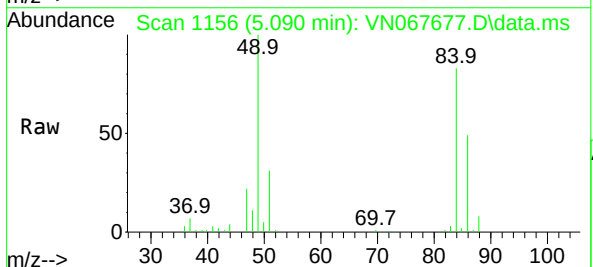
RT: 5.090 min Scan# 1156

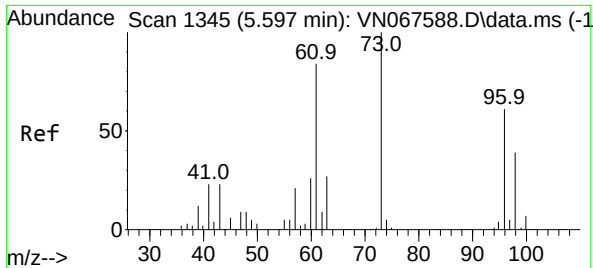
Delta R.T. -0.008 min

Lab File: VN067677.D

Acq: 9 Jul 2021 10:03

Tgt Ion: 84	Resp: 85953		
Ion	Ratio	Lower	Upper
84	100		
49	119.7	110.9	166.3
51	37.6	31.2	46.8
86	59.1	52.8	79.2





#19

trans-1,2-Dichloroethene
Concen: 21.231 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

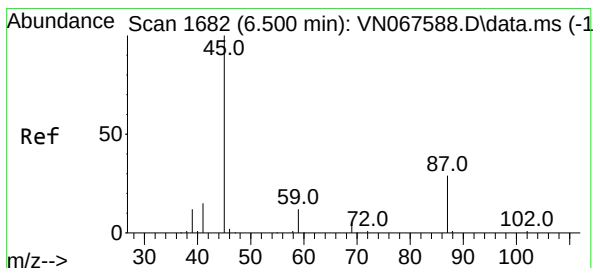
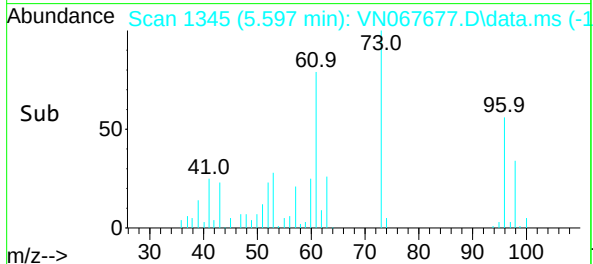
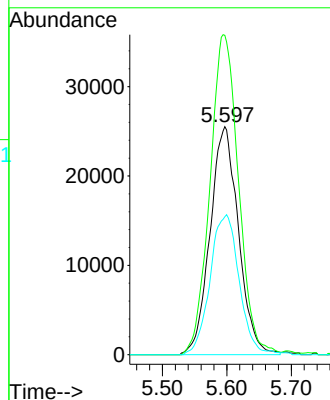
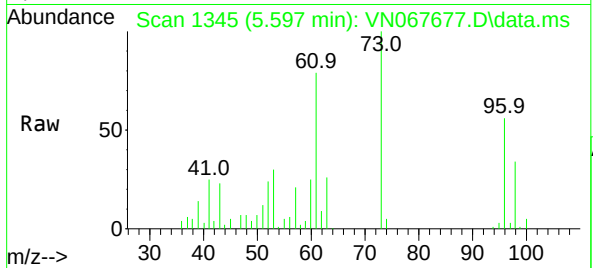
Tgt Ion:	96	Resp:	78189
Ion	Ratio	Lower	Upper
96	100		
61	140.0	129.3	193.9
98	60.5	48.0	72.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

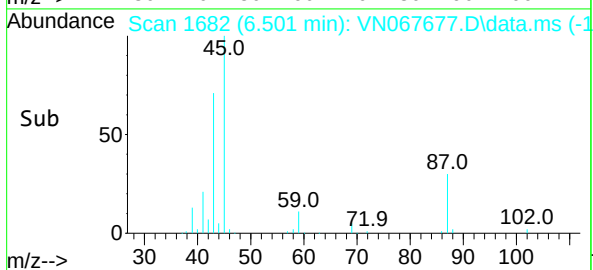
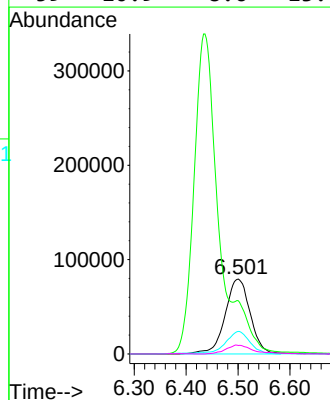
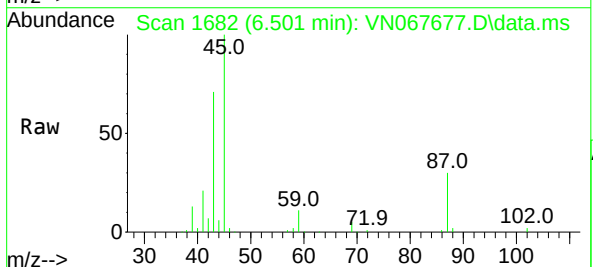
7/12/2021 5:44:31 PM

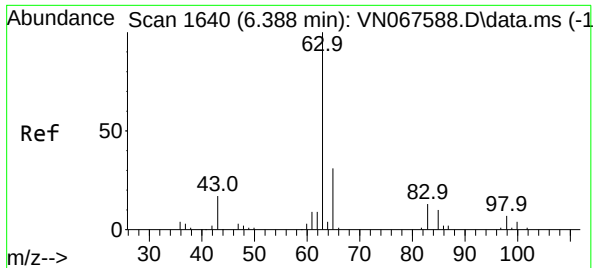


#20

Diisopropyl ether
Concen: 20.362 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:	45	Resp:	265950
Ion	Ratio	Lower	Upper
45	100		
43	68.3	48.1	72.1
87	30.2	19.8	29.6#
59	10.9	8.6	13.0





#21
1,1-Dichloroethane
Concen: 21.593 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

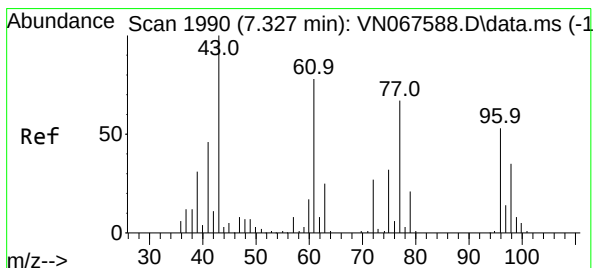
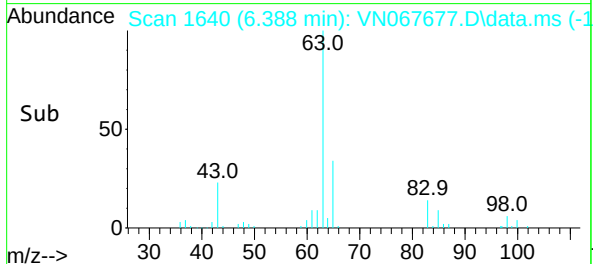
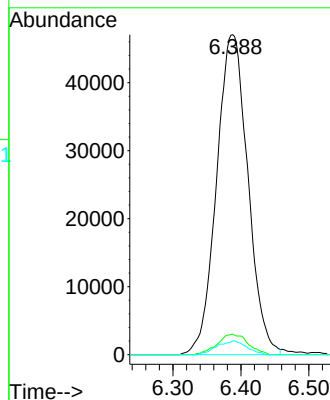
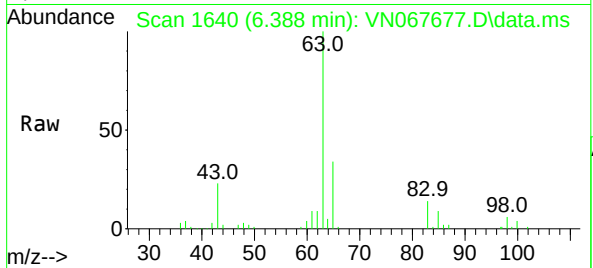
Tgt Ion: 63 Resp: 150631
Ion Ratio Lower Upper
63 100
98 6.4 2.7 8.1
100 4.3 1.8 5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

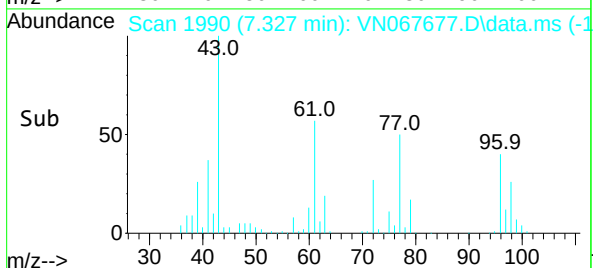
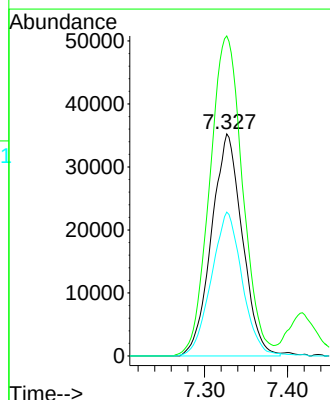
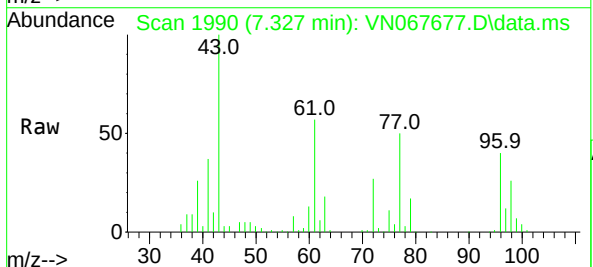
MMDadoda
7/12/2021 5:44:31 PM

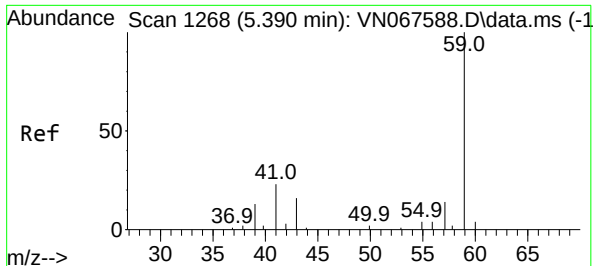
7/12/2021 5:44:31 PM



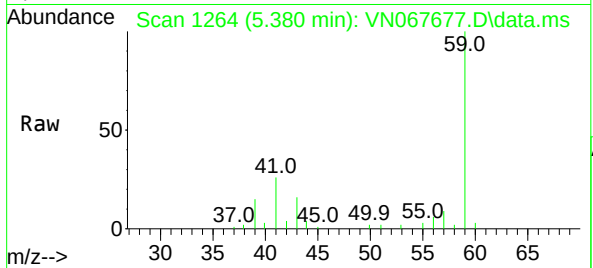
#22
cis-1,2-Dichloroethene
Concen: 20.180 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 96 Resp: 90887
Ion Ratio Lower Upper
96 100
61 153.4 131.2 196.8
98 65.0 50.7 76.1

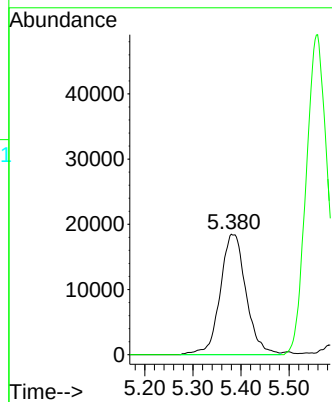
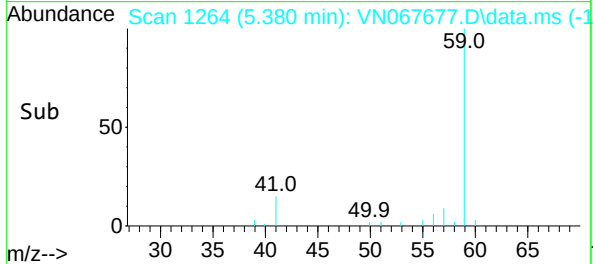




#23
tert-Butyl Alcohol
Concen: 99.207 ug/l m
RT: 5.380 min Scan# 1264
Delta R.T. -0.011 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion: 59 Resp: 68917
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

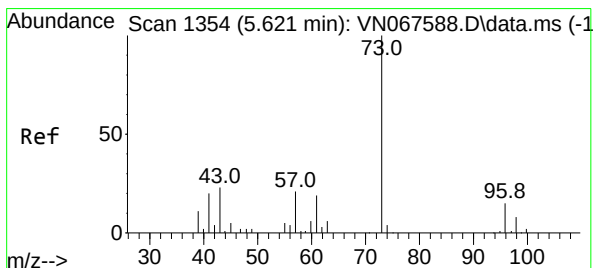


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

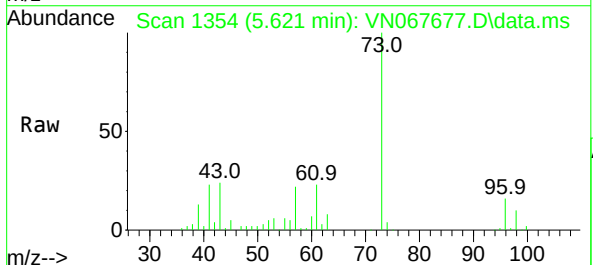
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

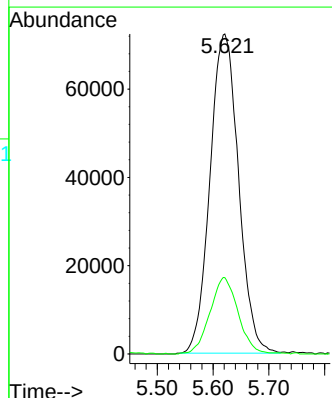
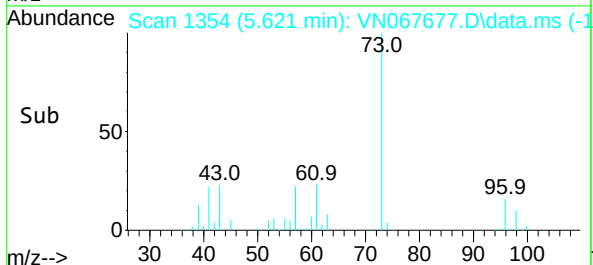
7/12/2021 5:44:31 PM

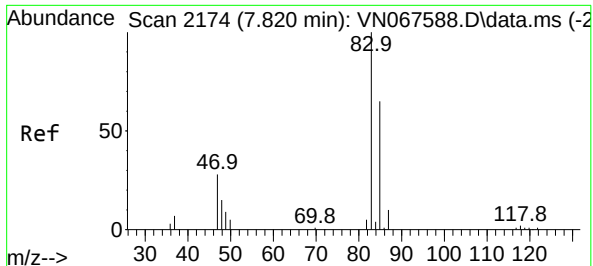


#24
Methyl tert-Butyl Ether
Concen: 19.965 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



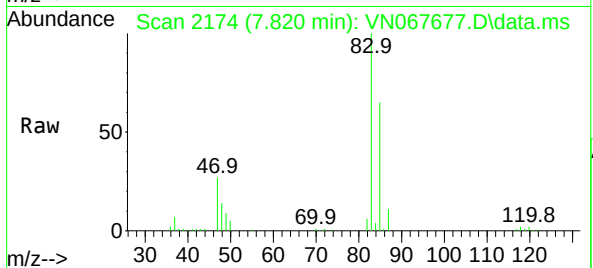
Tgt Ion: 73 Resp: 256925
Ion Ratio Lower Upper
73 100
43 23.6 20.0 30.0





#25
Chloroform
Concen: 21.081 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

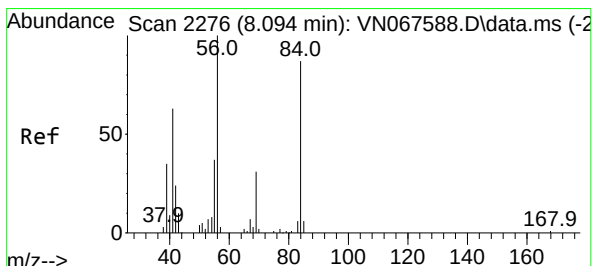
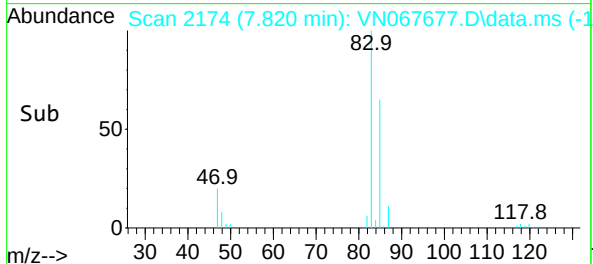
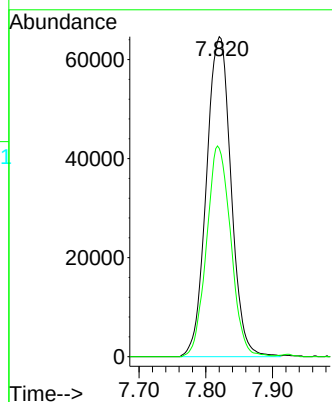


Tgt Ion: 83 Resp: 165748
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3

Manual Integrations
APPROVED

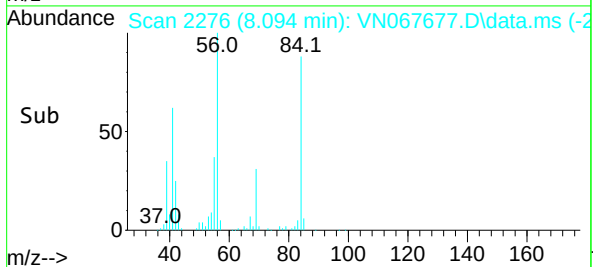
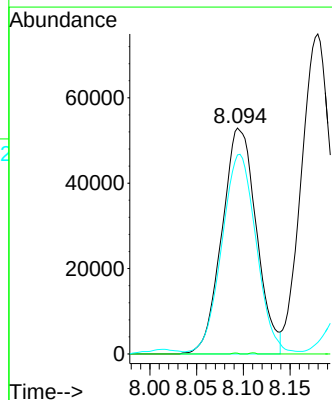
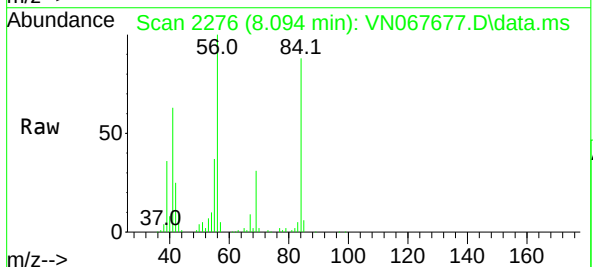
MMDadoda
7/12/2021 5:44:31 PM

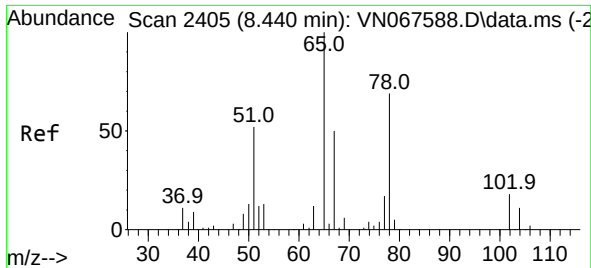
7/12/2021 5:44:31 PM



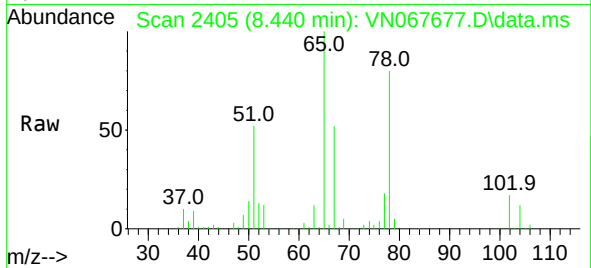
#26
Cyclohexane
Concen: 21.570 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 56 Resp: 135923
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 88.8 66.2 99.2

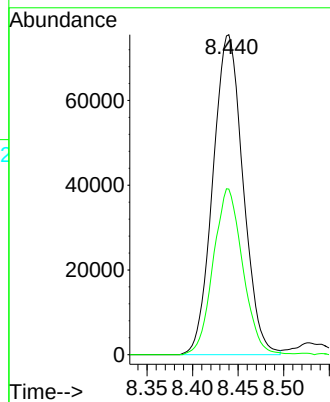
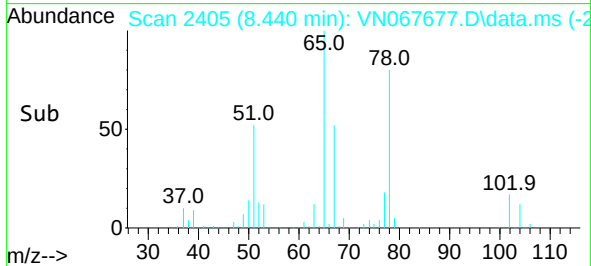




#27
 1,2-Dichloroethane-d4
 Concen: 34.127 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN067677.D
 Acq: 9 Jul 2021 10:03



Tgt Ion: 65 Resp: 173836
 Ion Ratio Lower Upper
 65 100
 67 50.6 39.8 59.8

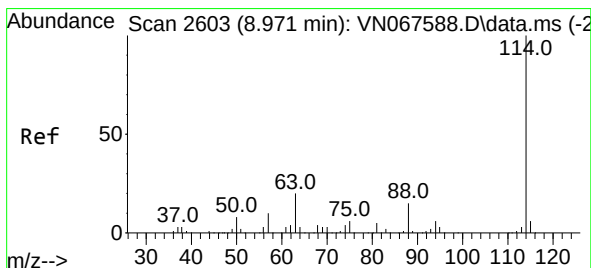


Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

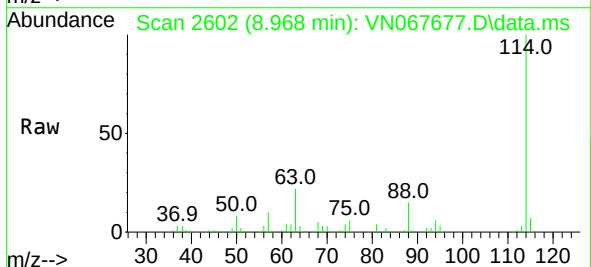
Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:31 PM

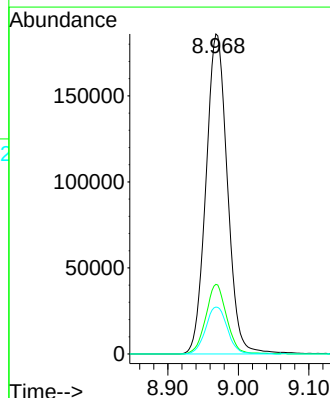
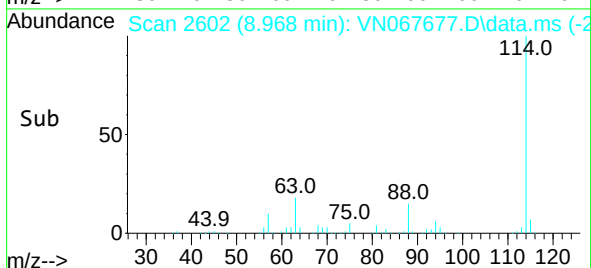
7/12/2021 5:44:31 PM

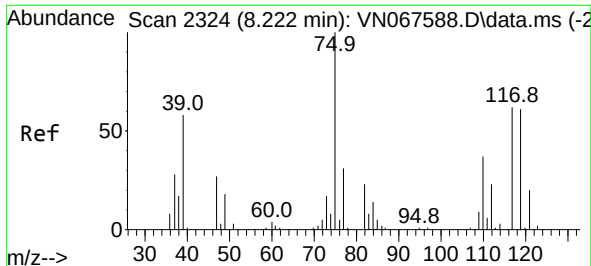


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.003 min
 Lab File: VN067677.D
 Acq: 9 Jul 2021 10:03



Tgt Ion: 114 Resp: 392065
 Ion Ratio Lower Upper
 114 100
 63 21.1 20.3 30.5
 88 14.8 14.6 22.0





#29

1,1-Dichloropropene
Concen: 20.145 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

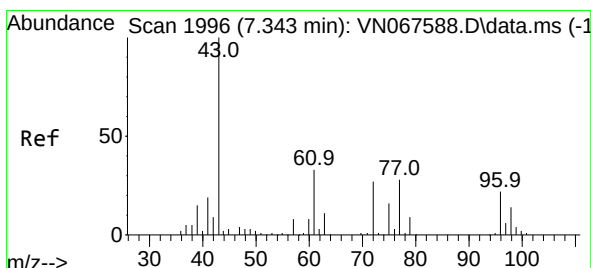
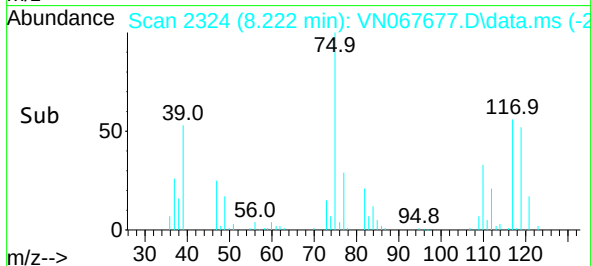
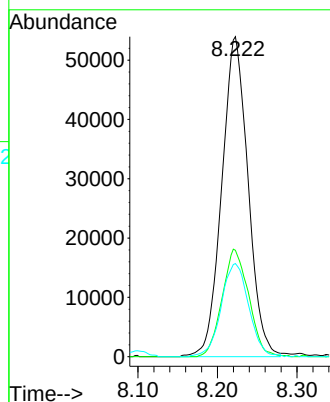
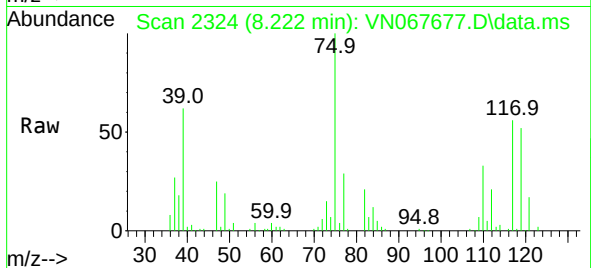
Tgt Ion: 75 Resp: 123765
Ion Ratio Lower Upper
75 100
110 33.9 0.0 63.4
77 30.5 0.0 63.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

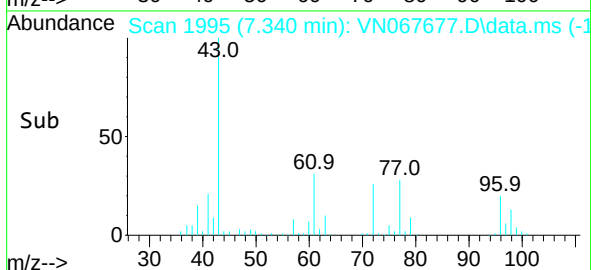
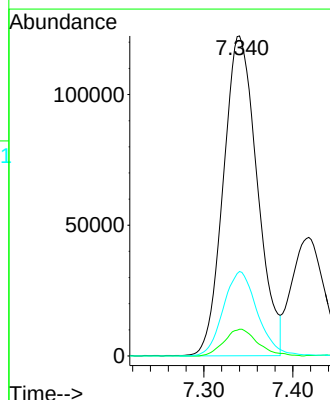
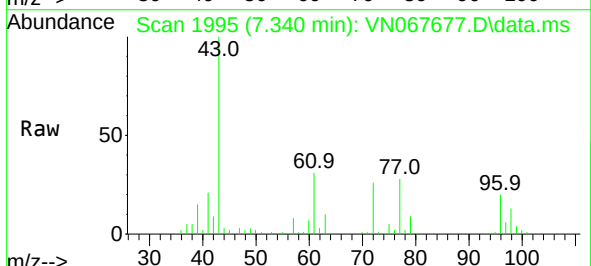
7/12/2021 5:44:31 PM

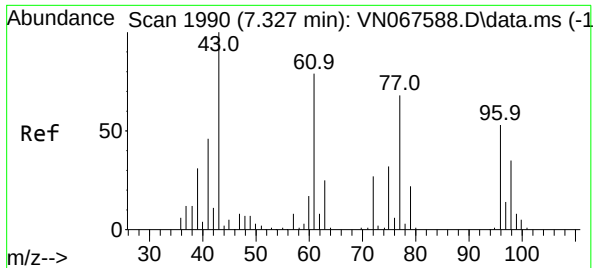


#30

2-Butanone
Concen: 115.209 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 43 Resp: 322987
Ion Ratio Lower Upper
43 100
57 8.3 6.9 10.3
72 26.7 20.0 30.0





#31
2,2-Dichloropropane
Concen: 20.082 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

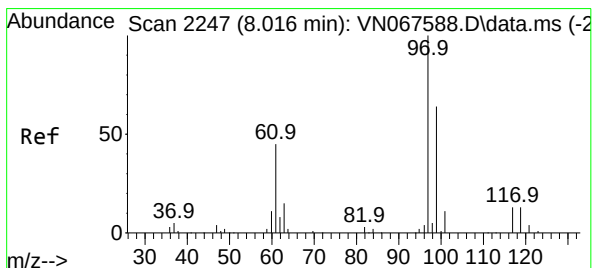
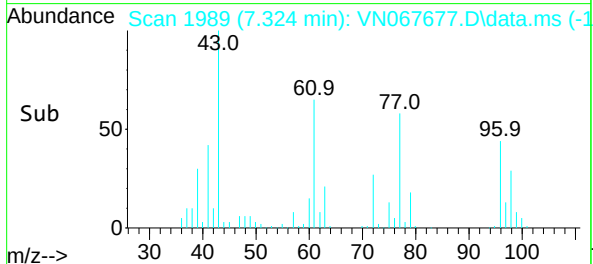
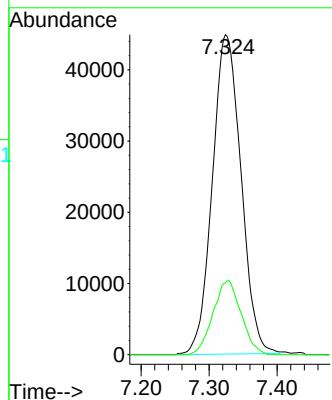
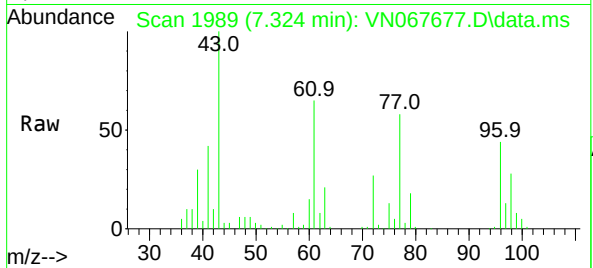
Tgt Ion: 77 Resp: 131341
Ion Ratio Lower Upper
77 100
97 22.7 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

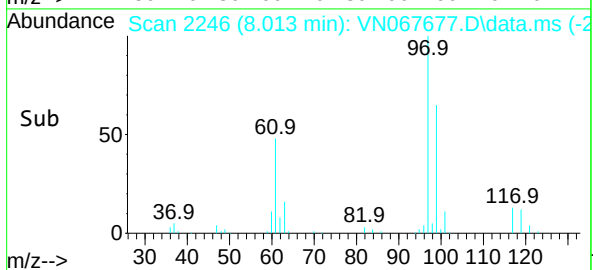
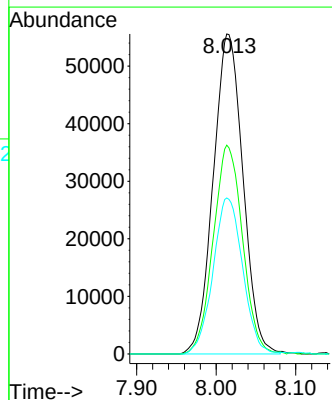
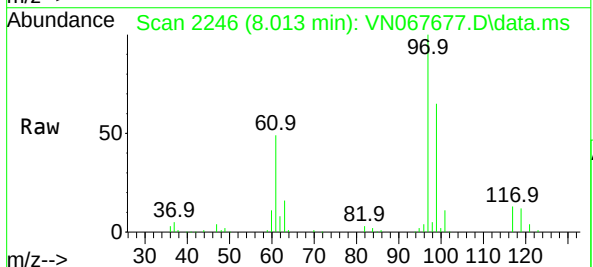
MMDadoda
7/12/2021 5:44:31 PM

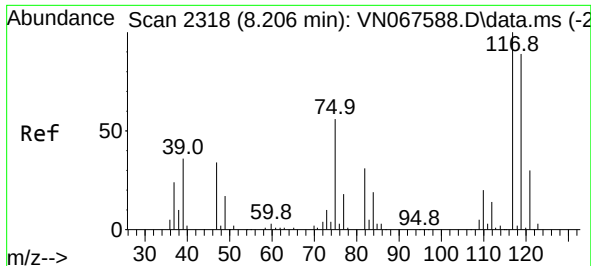
7/12/2021 5:44:31 PM



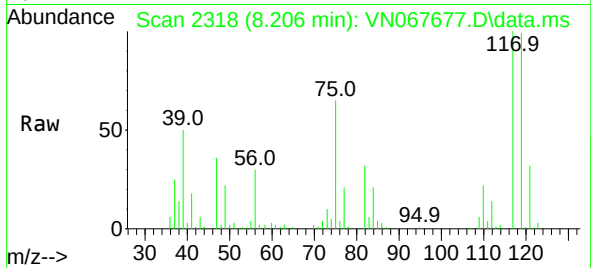
#32
1,1,1-Trichloroethane
Concen: 18.754 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 97 Resp: 144388
Ion Ratio Lower Upper
97 100
99 64.2 49.7 74.5
61 48.6 38.0 57.0

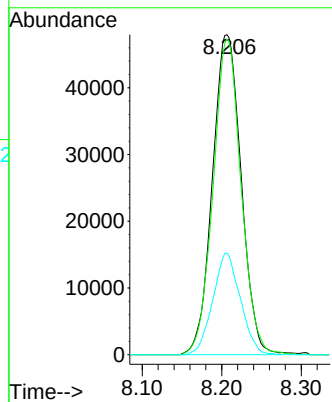
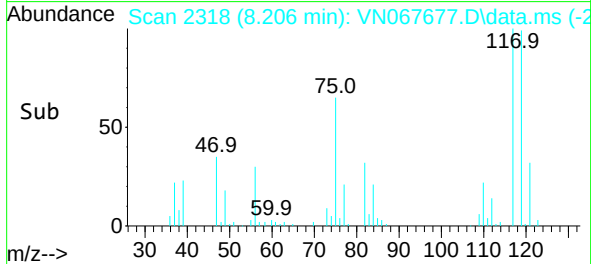




#33
Carbon Tetrachloride
Concen: 18.442 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion:117 Resp: 120361
Ion Ratio Lower Upper
117 100
119 98.6 73.3 109.9
121 31.8 24.2 36.4

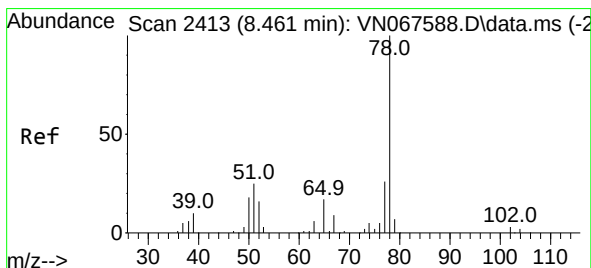


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

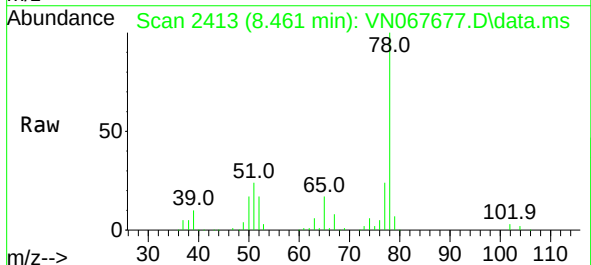
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

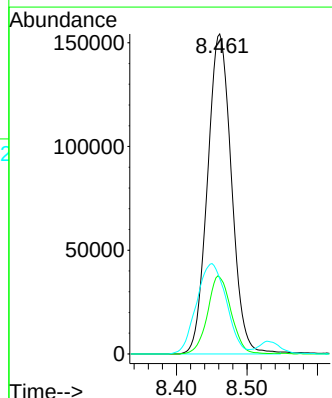
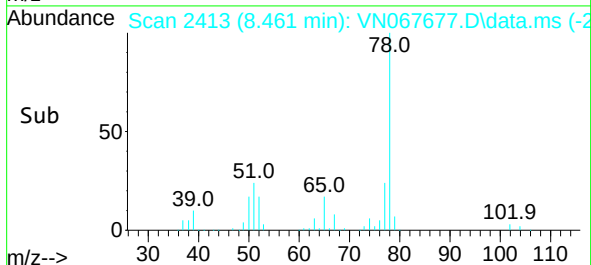
7/12/2021 5:44:31 PM

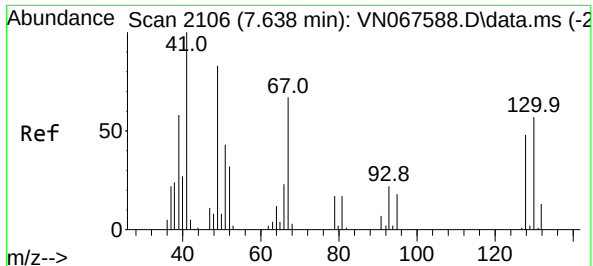


#34
Benzene
Concen: 19.246 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion: 78 Resp: 364523
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0
51 22.3 20.0 30.0





#35
Methacrylonitrile
Concen: 18.211 ug/l
RT: 7.643 min Scan# 2108
Delta R.T. 0.006 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

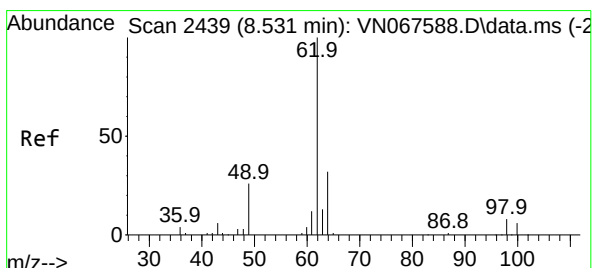
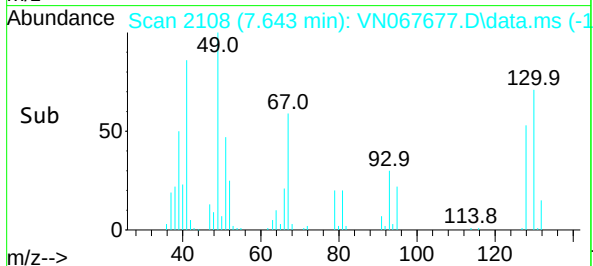
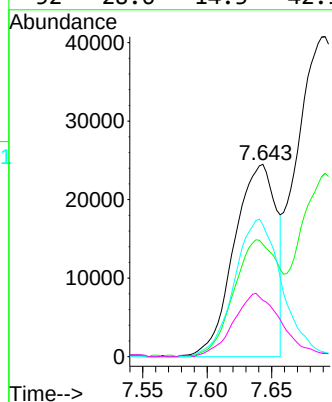
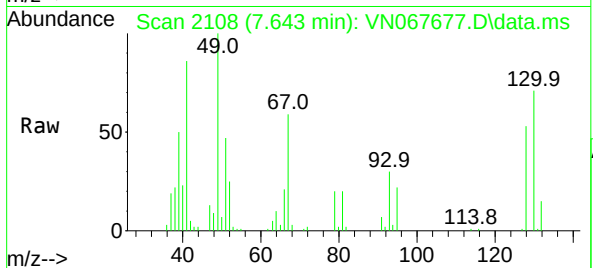
Tgt Ion:	41	Resp:	55523
Ion	Ratio	Lower	Upper
41	100		
39	58.4	30.3	90.9
67	68.5	32.1	96.3
52	28.6	14.3	42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

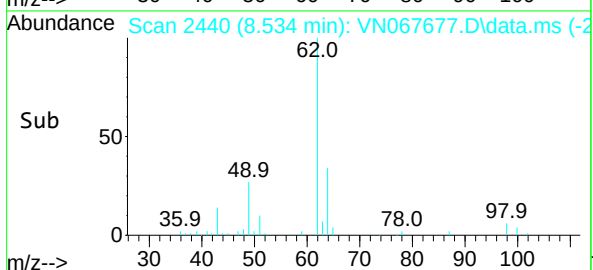
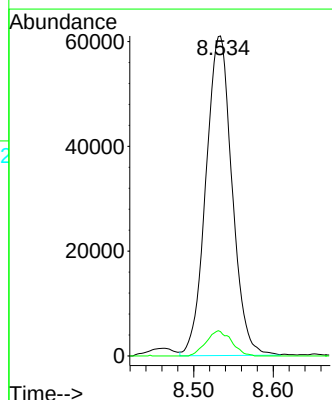
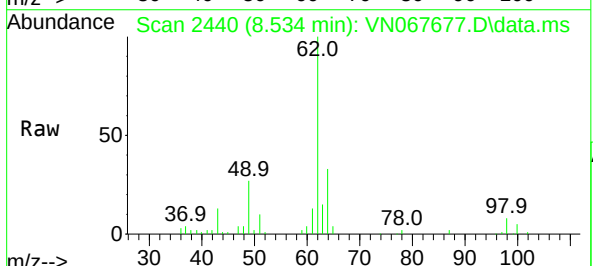
MMDadoda
7/12/2021 5:44:31 PM

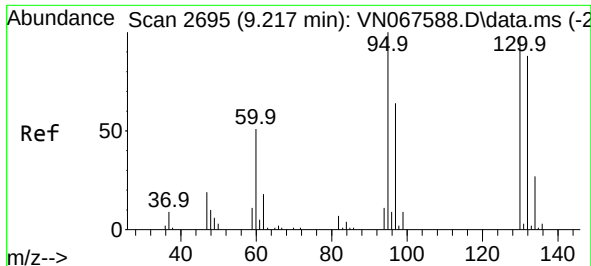
7/12/2021 5:44:31 PM



#36
1,2-Dichloroethane
Concen: 19.990 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:	62	Resp:	139279
Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.0	9.0





#37

Trichloroethene

Concen: 19.654 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN067677.D

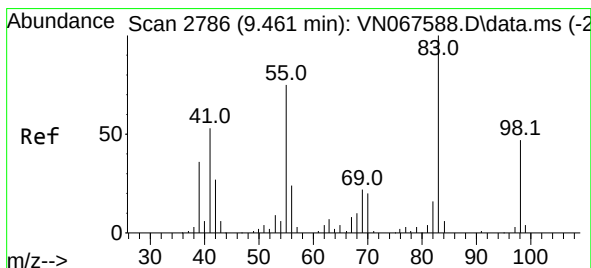
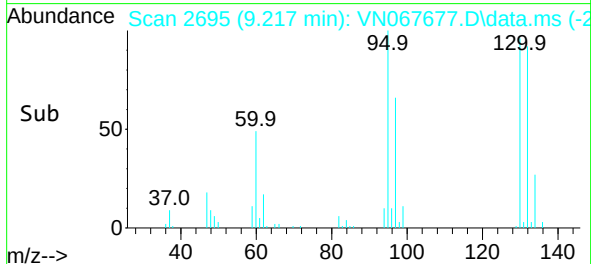
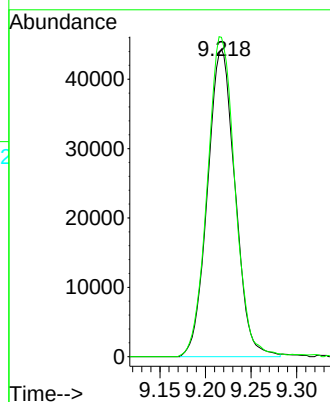
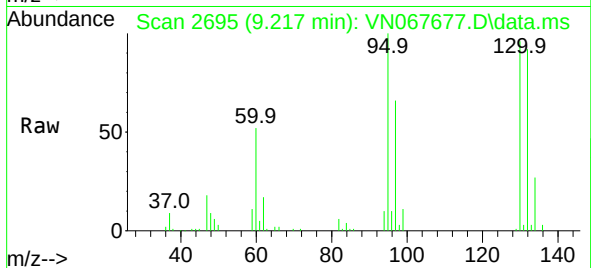
Acq: 9 Jul 2021 10:03

Tgt Ion:130 Resp: 93168

Ion Ratio Lower Upper

130 100

95 103.4 92.2 138.2



#38

Methylcyclohexane

Concen: 20.487 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

Lab File: VN067677.D

Acq: 9 Jul 2021 10:03

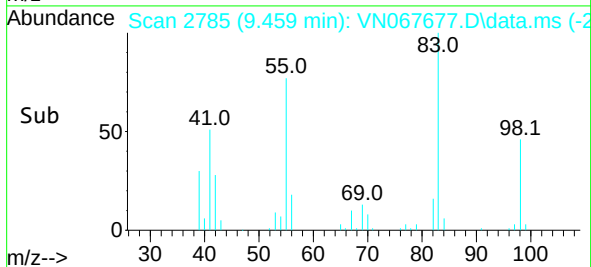
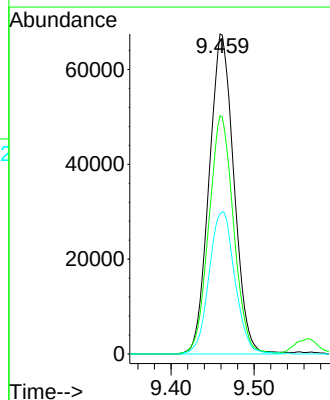
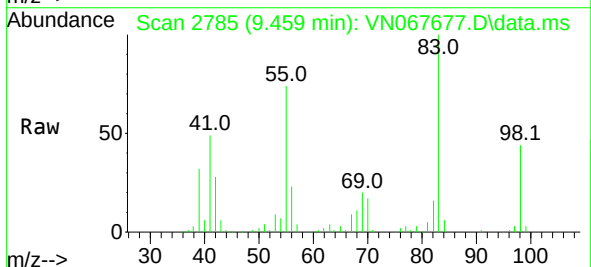
Tgt Ion: 83 Resp: 139927

Ion Ratio Lower Upper

83 100

55 74.4 41.5 124.6

98 46.2 22.4 67.0



Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

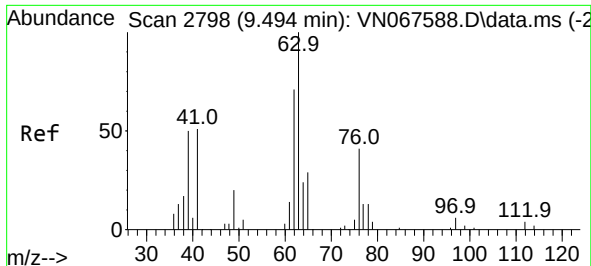
Manual Integrations

APPROVED

MMDadoda

7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#39

1,2-Dichloropropane
Concen: 19.721 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

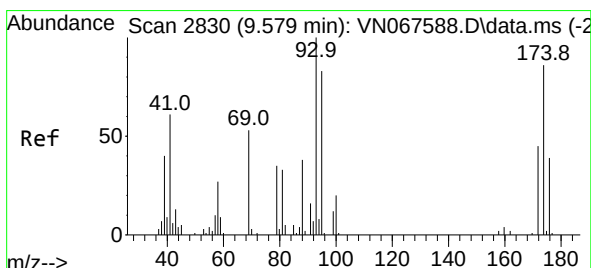
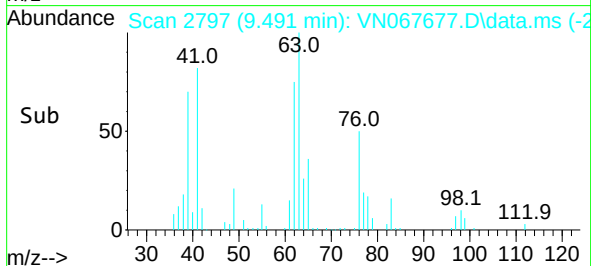
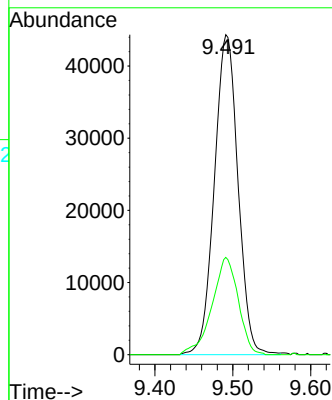
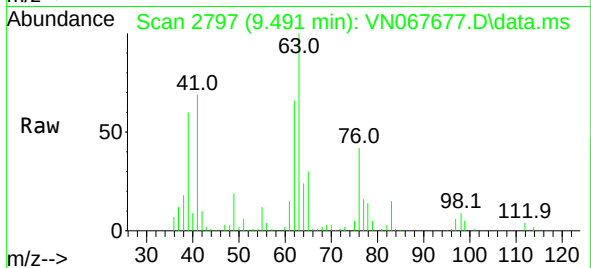
Tgt Ion: 63 Resp: 93380
Ion Ratio Lower Upper
63 100
65 30.4 24.5 36.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

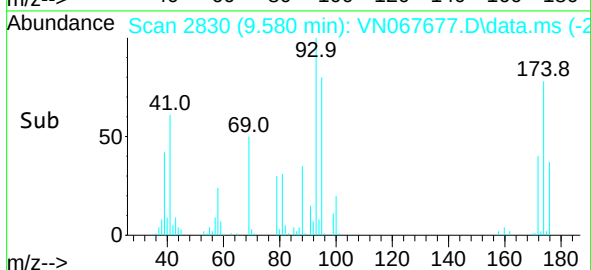
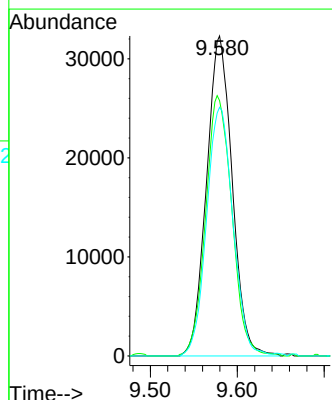
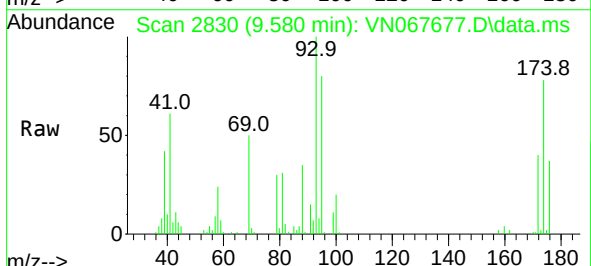
7/12/2021 5:44:31 PM

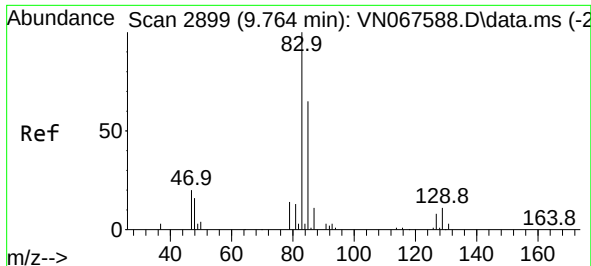


#40

Dibromomethane
Concen: 18.934 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

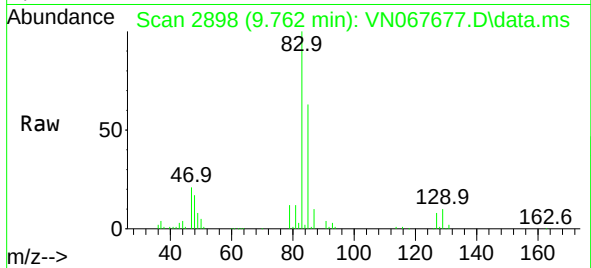
Tgt Ion: 93 Resp: 66292
Ion Ratio Lower Upper
93 100
95 83.2 0.0 167.6
174 79.8 0.0 148.4





#41
Bromodichloromethane
Concen: 18.667 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

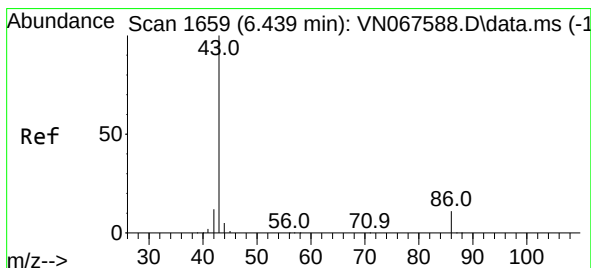
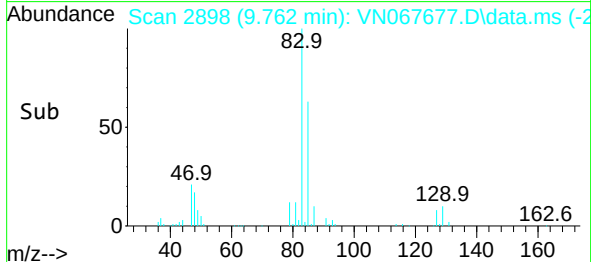
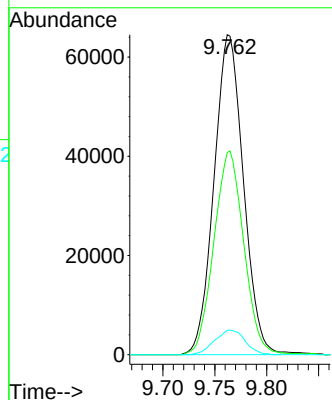


Tgt Ion: 83 Resp: 126837
Ion Ratio Lower Upper
83 100
85 63.1 51.2 76.8
127 7.6 6.6 9.8

Manual Integrations
APPROVED

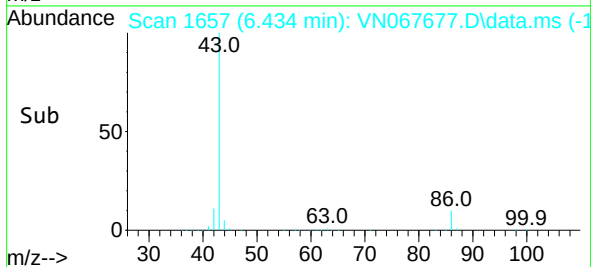
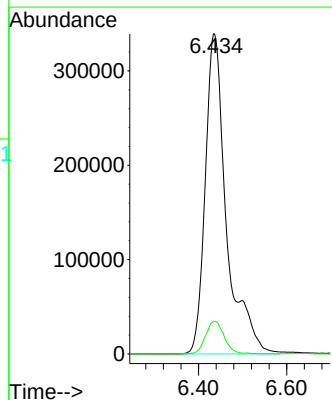
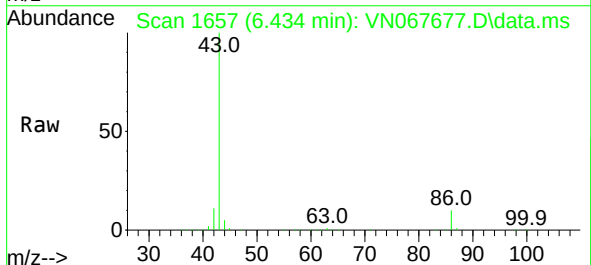
MMDadoda
7/12/2021 5:44:31 PM

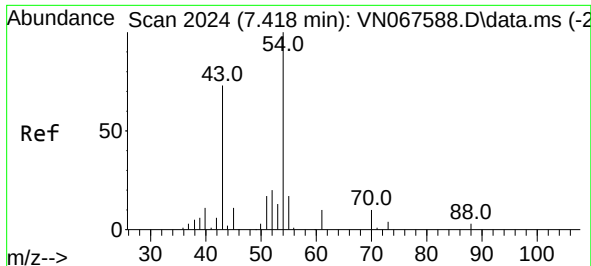
7/12/2021 5:44:31 PM



#42
Vinyl Acetate
Concen: 92.231 ug/l m
RT: 6.434 min Scan# 1657
Delta R.T. -0.005 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 43 Resp: 1132485
Ion Ratio Lower Upper
43 100
86 8.9 6.4 9.6





#43
Ethyl Acetate
Concen: 20.127 ug/l m
RT: 7.418 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

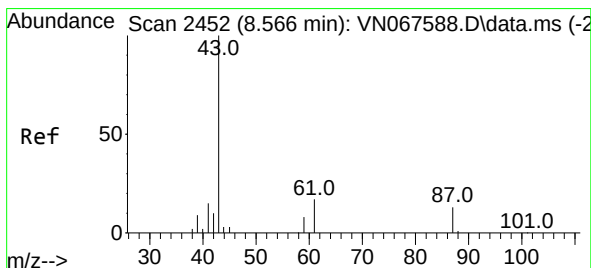
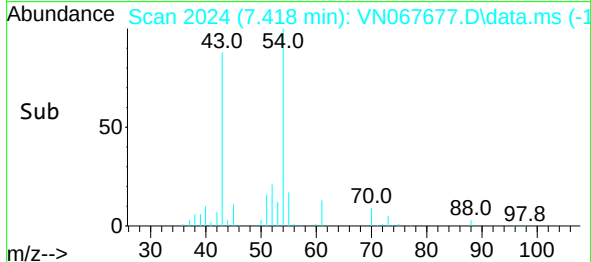
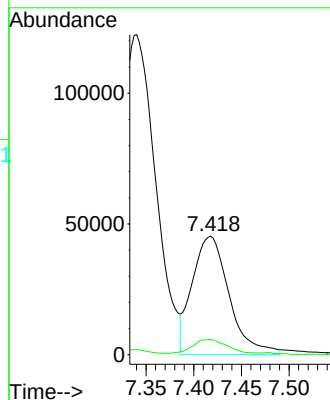
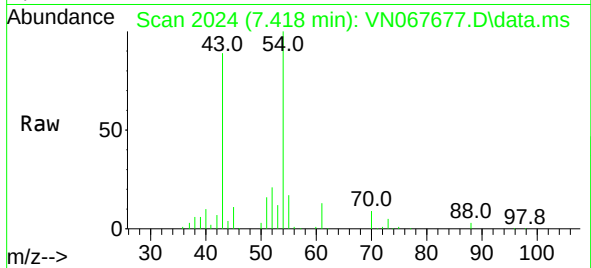
Tgt Ion: 43 Resp: 122470
Ion Ratio Lower Upper
43 100
45 3.7 1.0 1.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

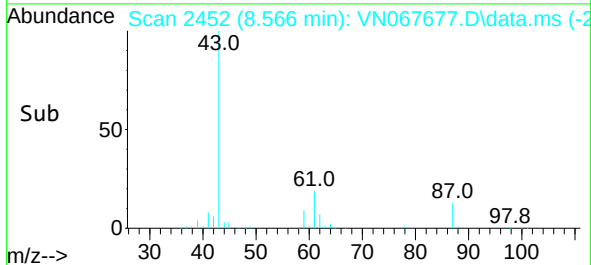
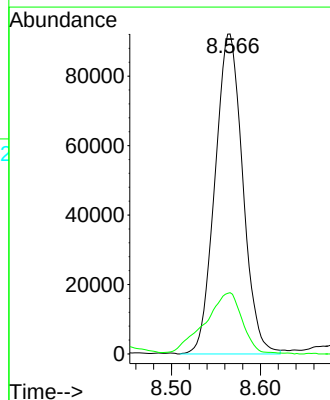
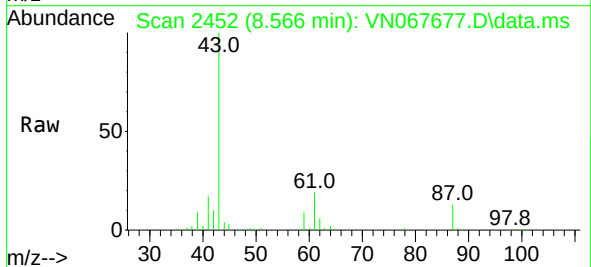
MMDadoda
7/12/2021 5:44:31 PM

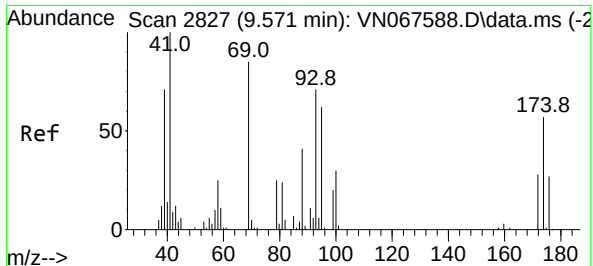
7/12/2021 5:44:31 PM



#44
Isopropyl Acetate
Concen: 18.525 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 43 Resp: 199745
Ion Ratio Lower Upper
43 100
61 25.3 19.0 28.6





#45
1,4-Dioxane
Concen: 335.120 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

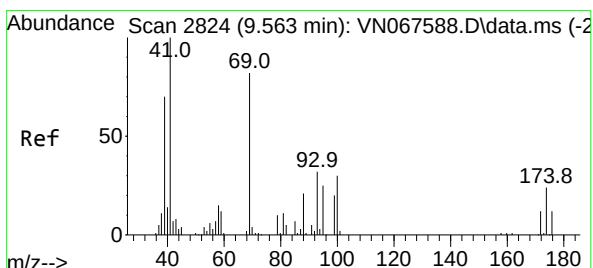
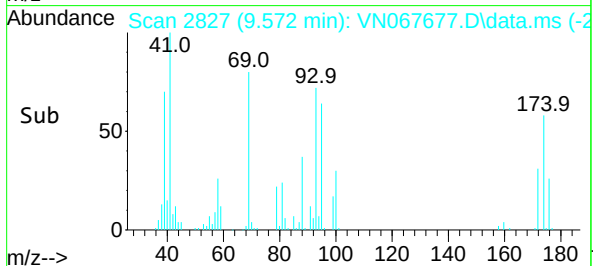
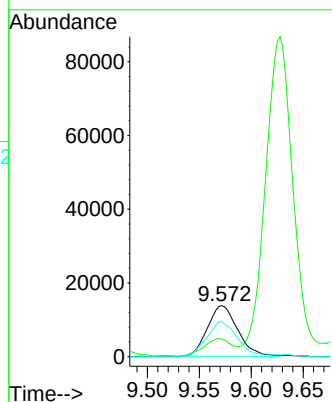
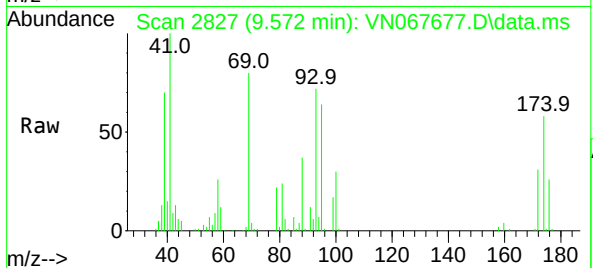
Tgt Ion: 88 Resp: 28342
Ion Ratio Lower Upper
88 100
43 31.1 18.0 27.0#
58 68.1 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

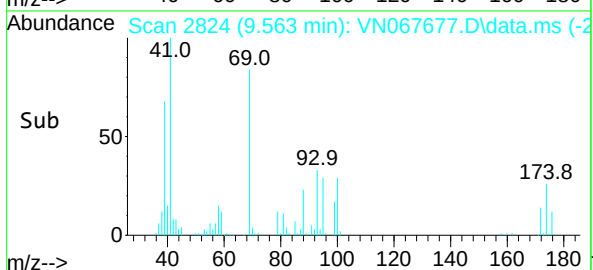
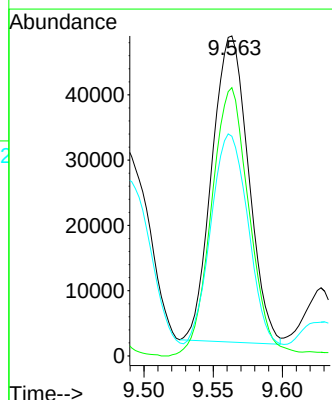
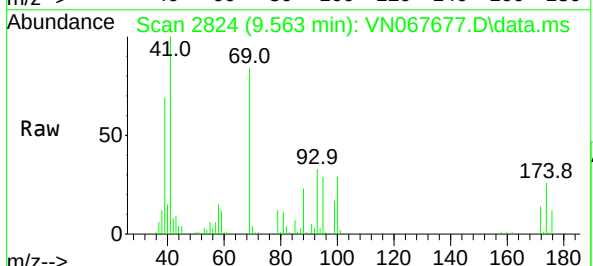
MMDadoda
7/12/2021 5:44:31 PM

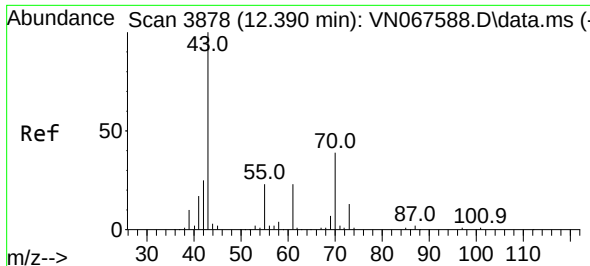
7/12/2021 5:44:31 PM



#46
Methyl methacrylate
Concen: 18.643 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 41 Resp: 86108
Ion Ratio Lower Upper
41 100
69 87.0 38.0 114.1
39 68.3 33.9 101.7





#47
n-amy1 Acetate
Concen: 17.751 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

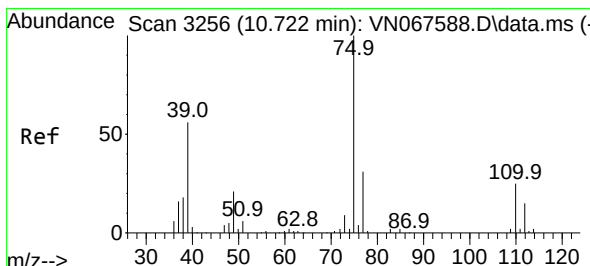
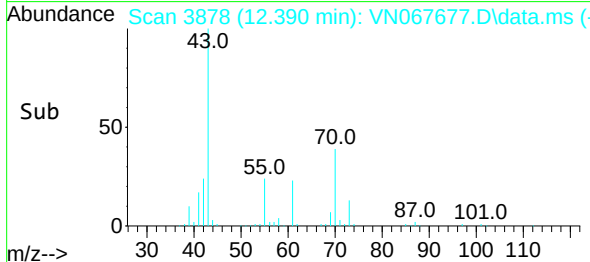
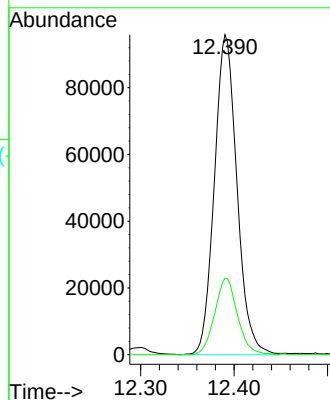
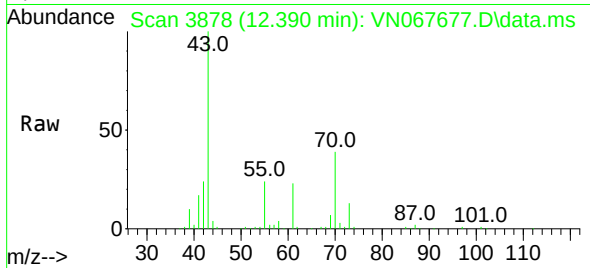
Tgt Ion: 43 Resp: 160975
Ion Ratio Lower Upper
43 100
55 24.1 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

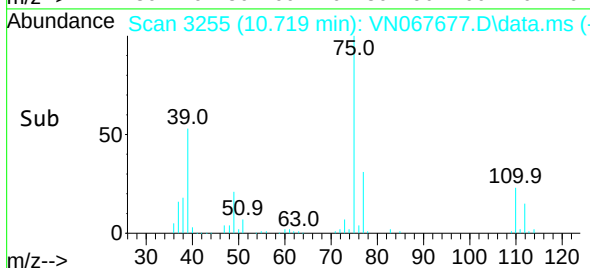
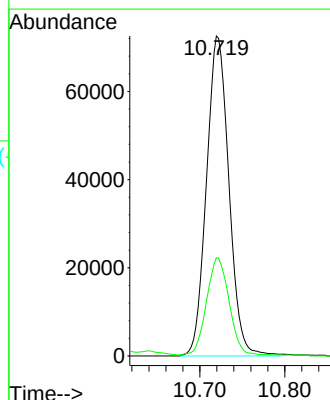
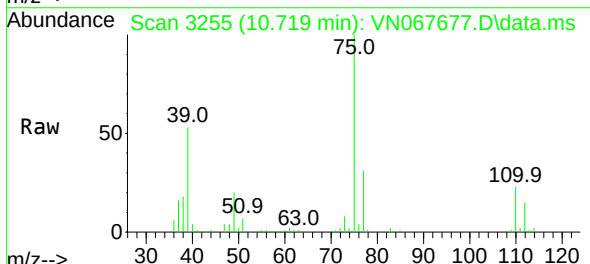
MMDadoda
7/12/2021 5:44:31 PM

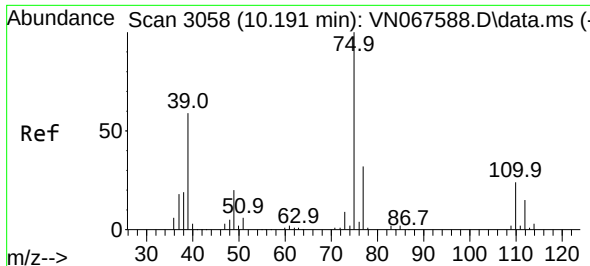
7/12/2021 5:44:31 PM



#48
t-1,3-Dichloropropene
Concen: 18.229 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 75 Resp: 133256
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0





#49
cis-1,3-Dichloropropene
Concen: 18.328 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

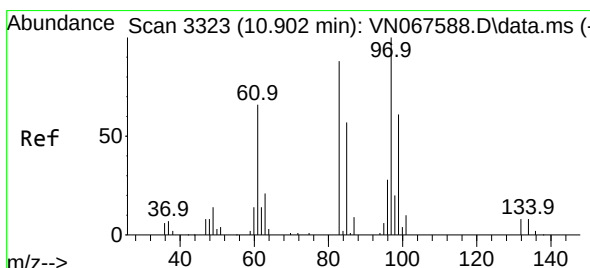
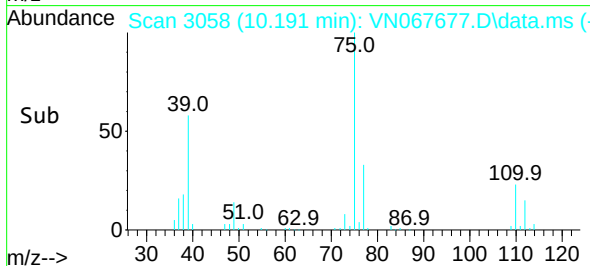
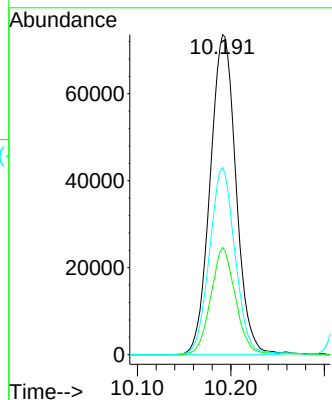
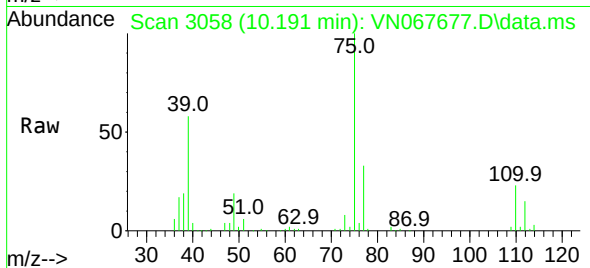
Tgt Ion: 75 Resp: 141234
Ion Ratio Lower Upper
75 100
77 33.5 26.0 39.0
39 58.2 50.6 76.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

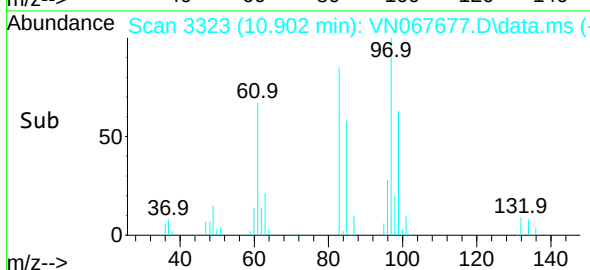
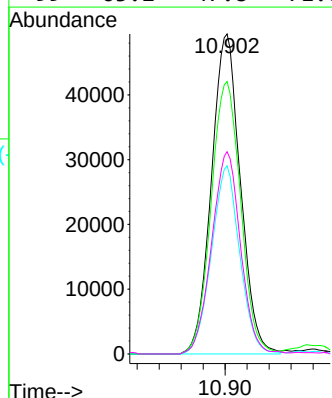
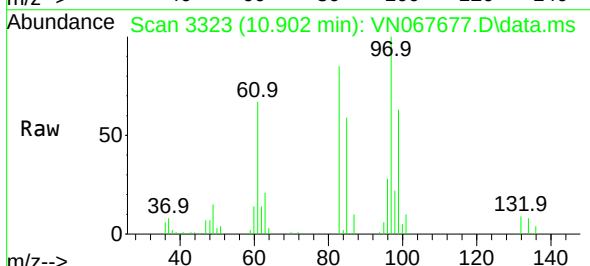
MMDadoda
7/12/2021 5:44:31 PM

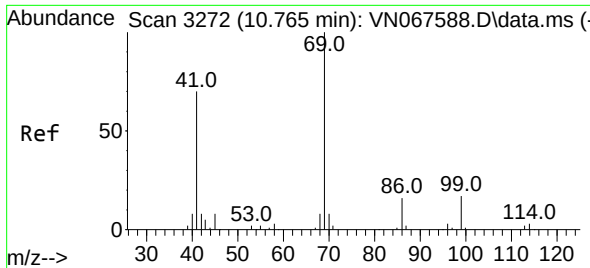
7/12/2021 5:44:31 PM



#50
1,1,2-Trichloroethane
Concen: 18.250 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 97 Resp: 90281
Ion Ratio Lower Upper
97 100
83 85.2 69.6 104.4
85 58.8 45.2 67.8
99 63.2 47.8 71.6





#51
Ethyl methacrylate
Concen: 17.827 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

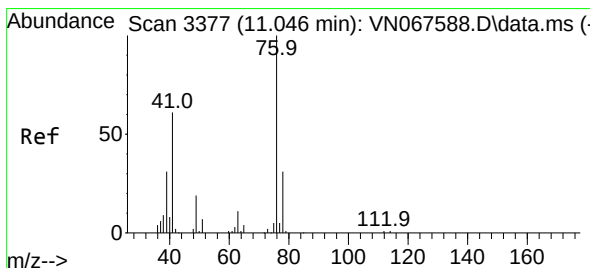
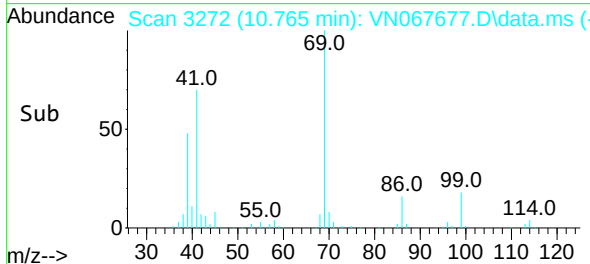
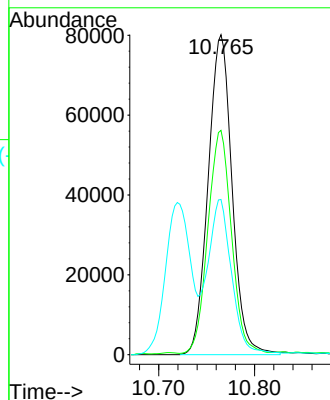
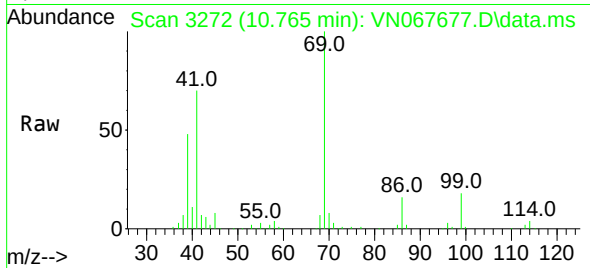
Tgt Ion: 69 Resp: 138945
Ion Ratio Lower Upper
69 100
41 69.7 36.8 110.4
39 47.9 23.8 71.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

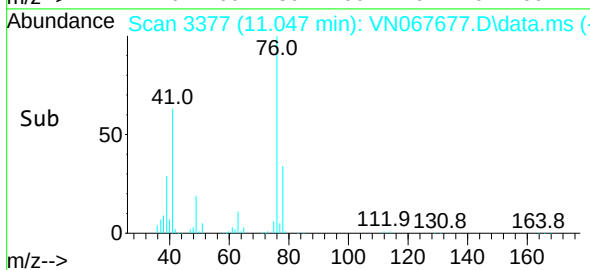
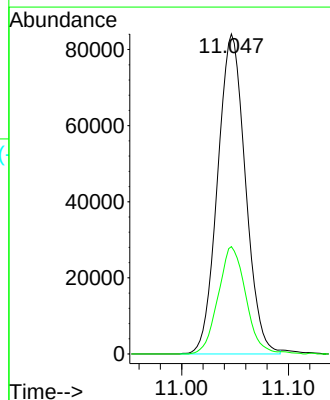
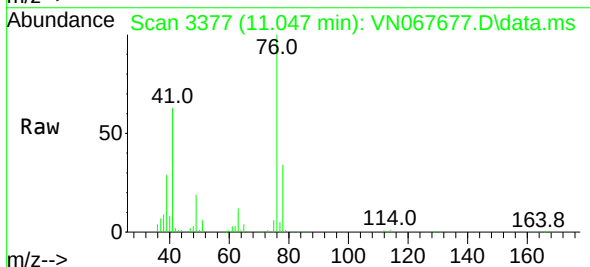
MMDadoda
7/12/2021 5:44:31 PM

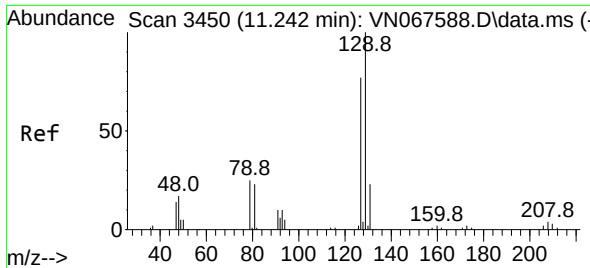
7/12/2021 5:44:31 PM



#52
1,3-Dichloropropane
Concen: 18.605 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 76 Resp: 152042
Ion Ratio Lower Upper
76 100
78 33.2 0.0 64.0





#53
Dibromochloromethane
Concen: 16.905 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

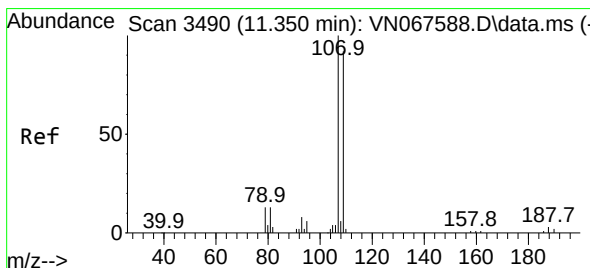
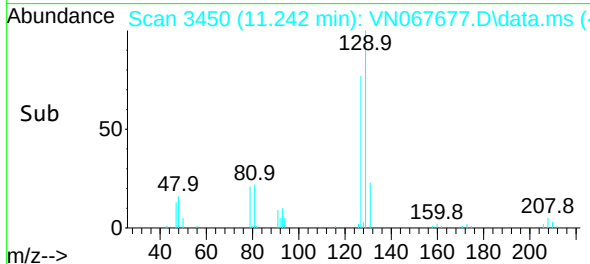
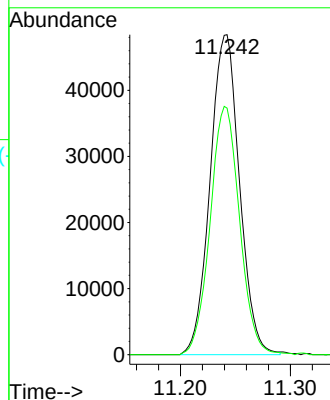
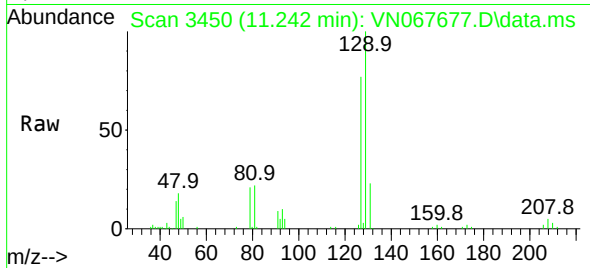
Tgt Ion:129 Resp: 90117
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

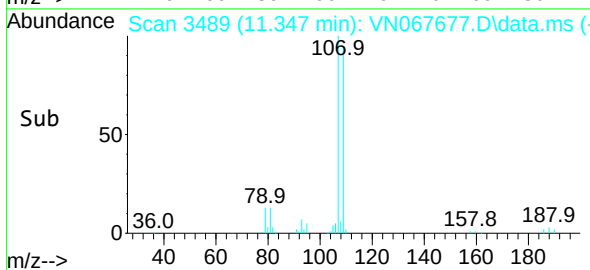
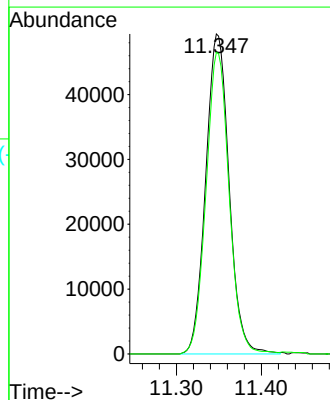
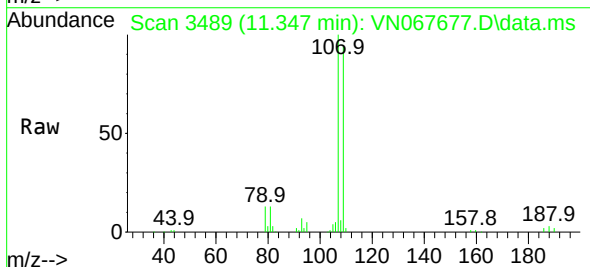
MMDadoda
7/12/2021 5:44:31 PM

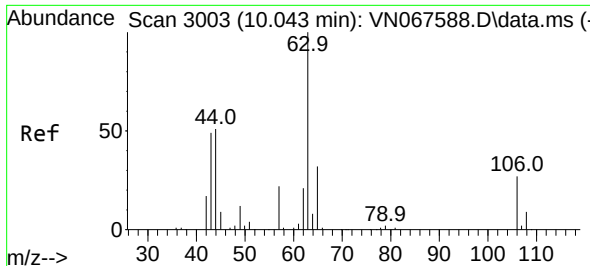
7/12/2021 5:44:31 PM



#54
1,2-Dibromoethane
Concen: 18.279 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:107 Resp: 94360
Ion Ratio Lower Upper
107 100
109 92.7 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 72.345 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

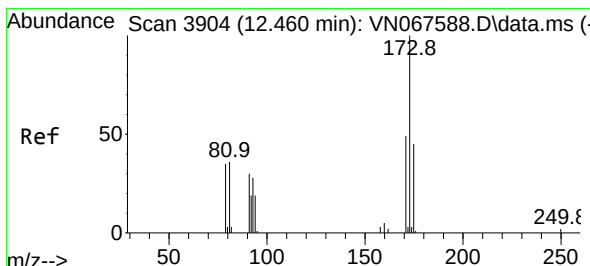
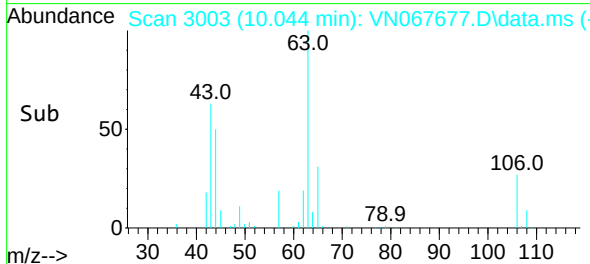
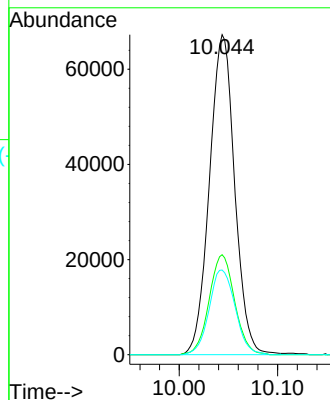
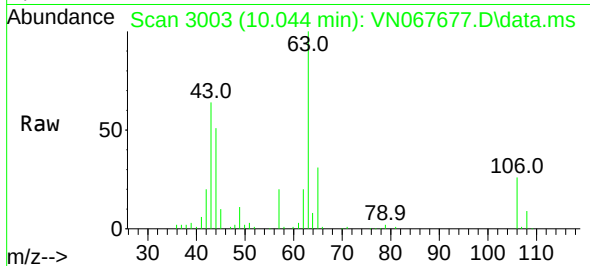
Tgt Ion: 63 Resp: 119948
Ion Ratio Lower Upper
63 100
65 31.6 25.6 38.4
106 27.4 20.0 30.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

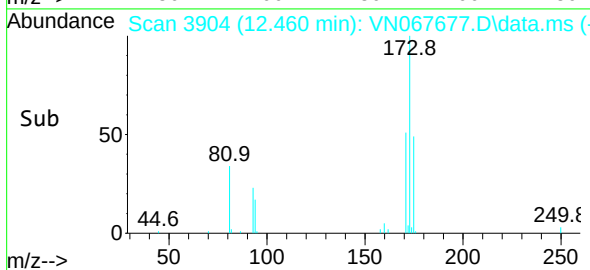
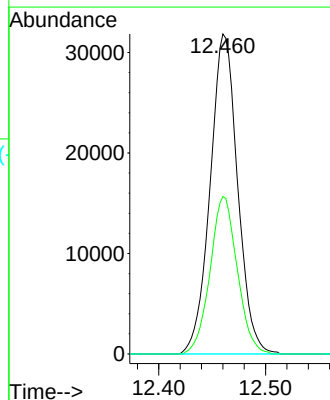
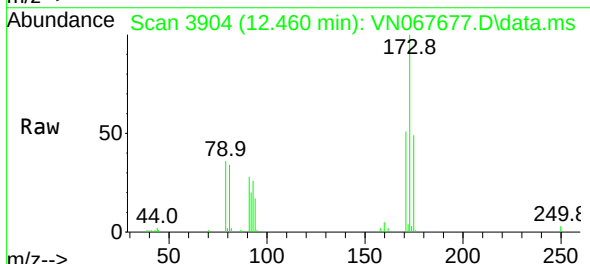
MMDadoda
7/12/2021 5:44:31 PM

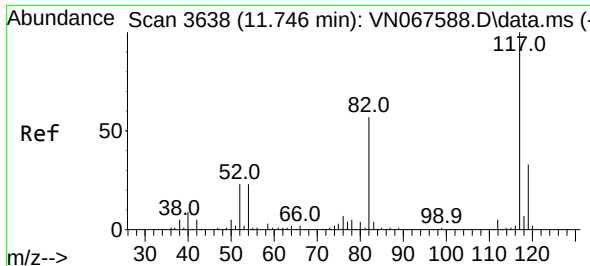
7/12/2021 5:44:31 PM



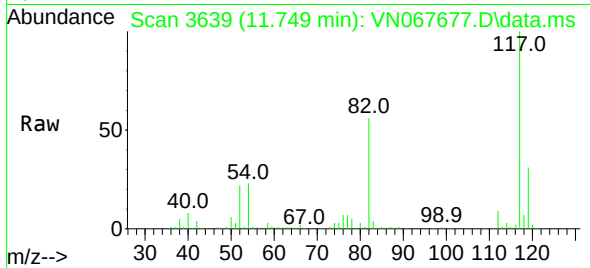
#56
Bromoform
Concen: 15.320 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:173 Resp: 56857
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.2
254 0.0 0.0 0.0

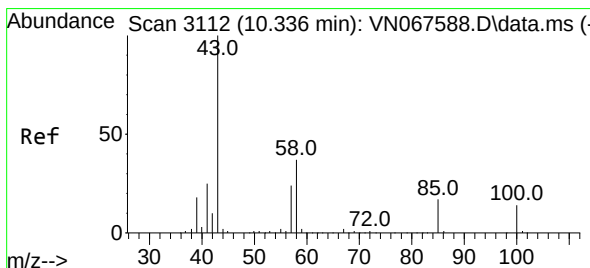
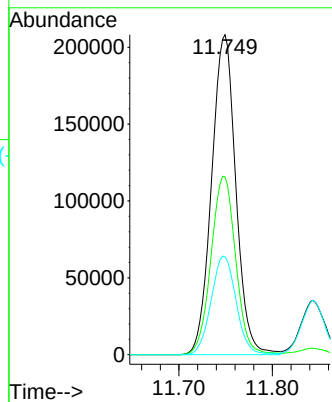
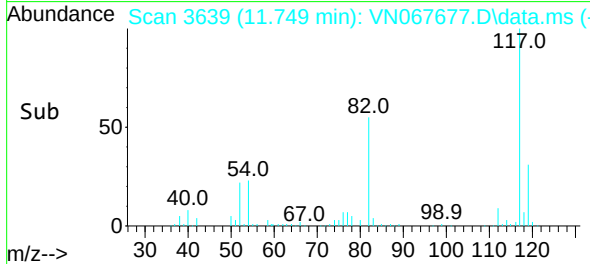




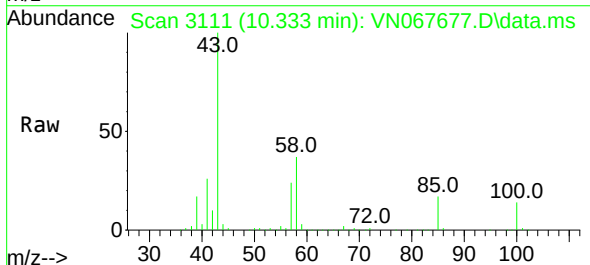
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



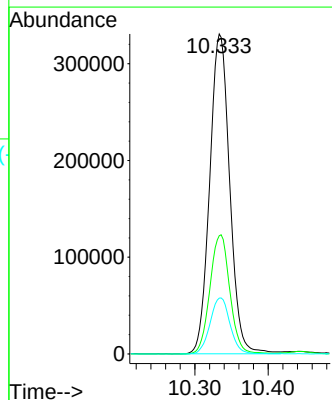
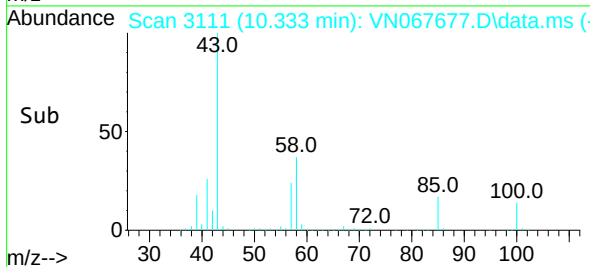
Tgt Ion:117 Resp: 375838
Ion Ratio Lower Upper
117 100
82 56.8 52.5 78.7
119 31.8 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 95.784 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion: 43 Resp: 626465
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.4
85 17.5 13.2 19.8

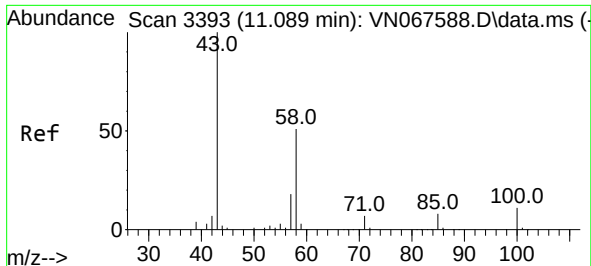


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#59
2-Hexanone
Concen: 104.246 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

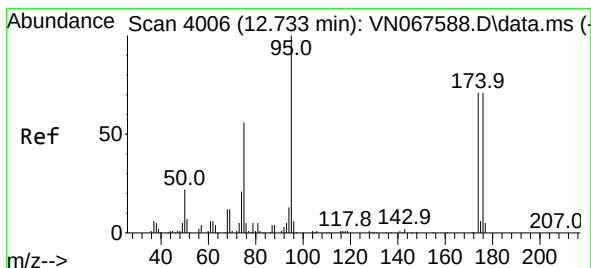
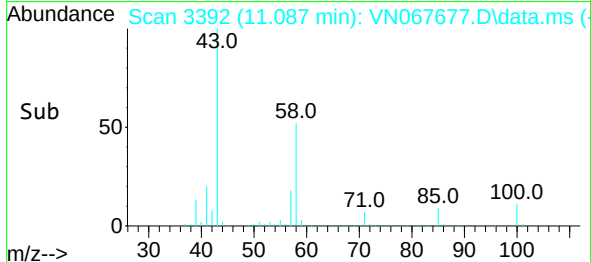
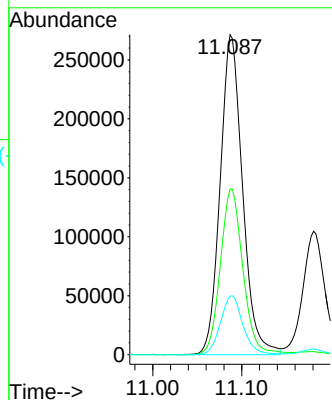
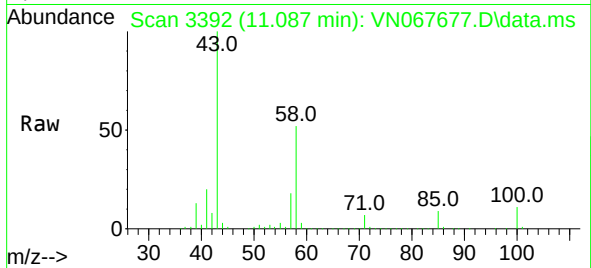
Tgt Ion: 43 Resp: 474945
Ion Ratio Lower Upper
43 100
58 52.3 39.4 59.0
57 18.5 14.4 21.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

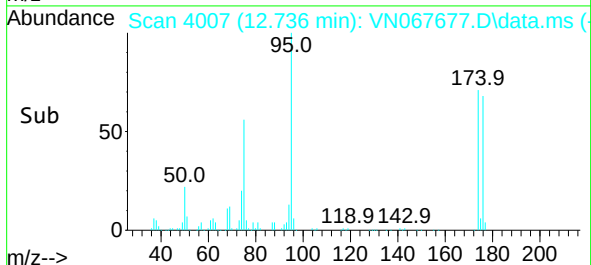
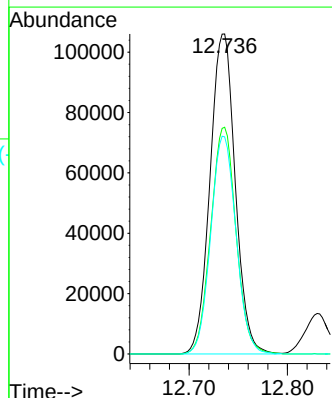
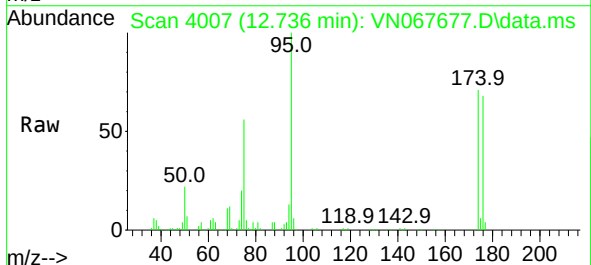
MMDadoda
7/12/2021 5:44:31 PM

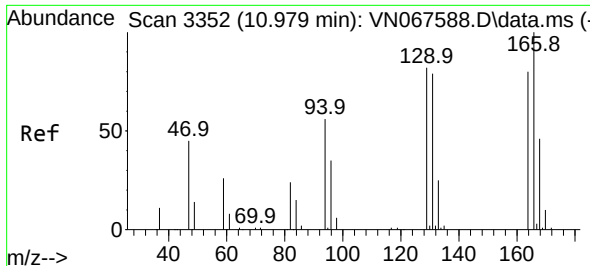
7/12/2021 5:44:31 PM



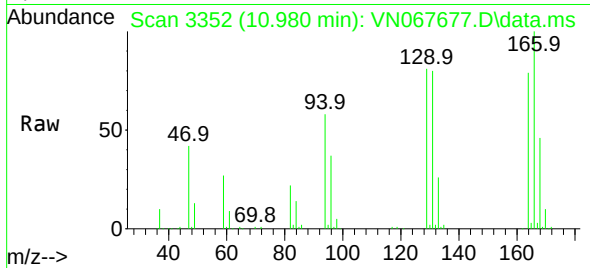
#60
4-Bromofluorobenzene
Concen: 31.005 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 95 Resp: 189570
Ion Ratio Lower Upper
95 100
174 71.0 47.7 71.5
176 68.1 45.7 68.5

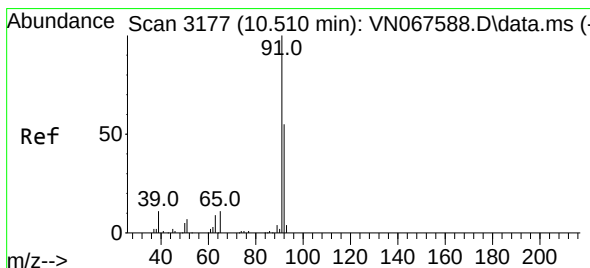
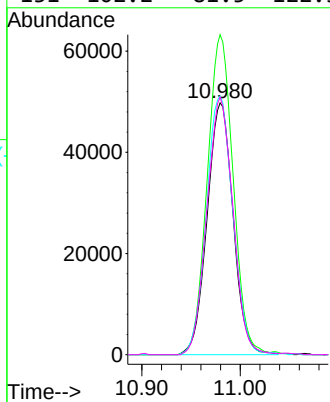
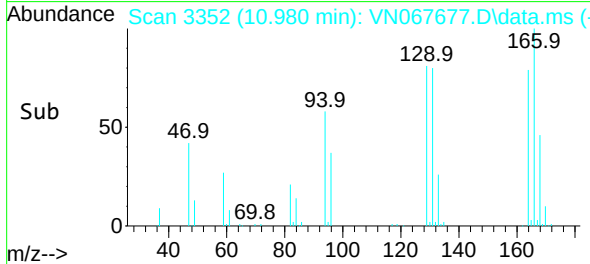




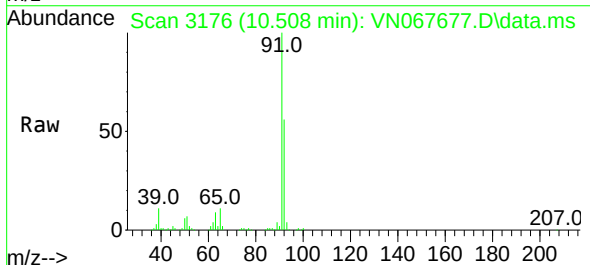
#61
Tetrachloroethene
Concen: 19.719 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



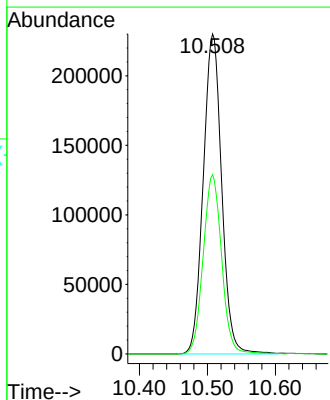
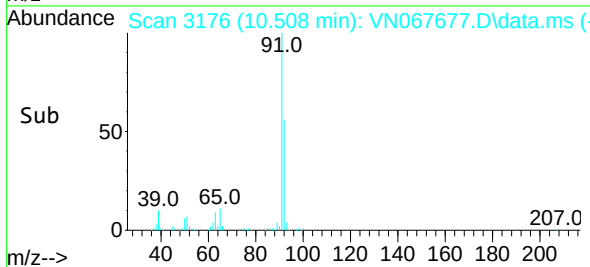
Tgt Ion:164 Resp: 91308
Ion Ratio Lower Upper
164 100
166 127.0 101.0 151.4
129 102.7 85.5 128.3
131 102.2 81.5 122.3



#62
Toluene
Concen: 19.628 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion: 91 Resp: 433908
Ion Ratio Lower Upper
91 100
92 55.9 46.1 69.1

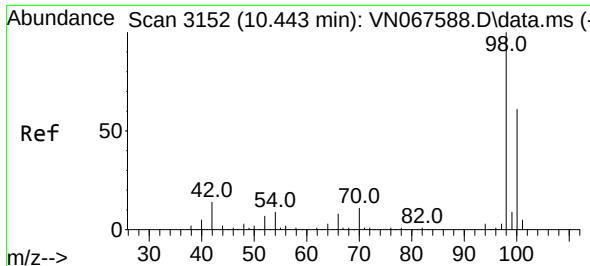


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#63
Toluene-d8
Concen: 29.939 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

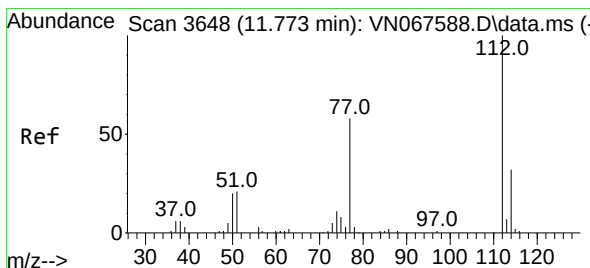
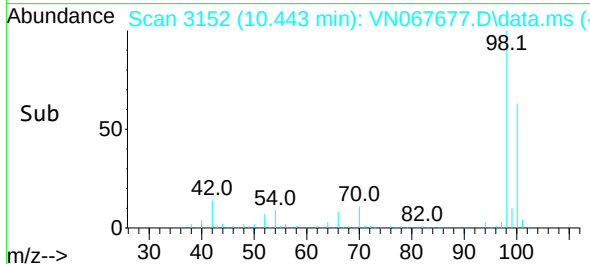
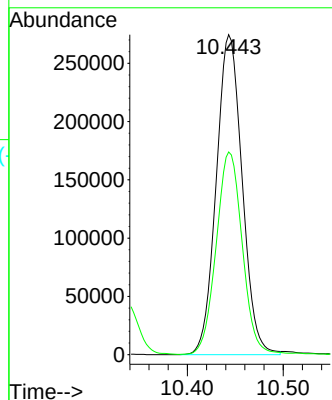
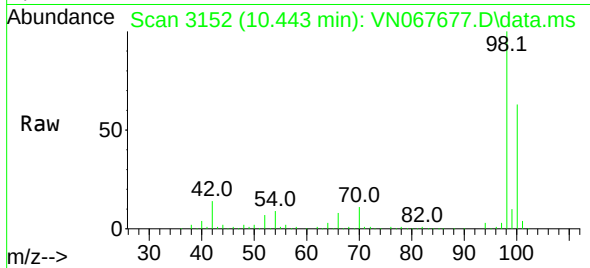
Tgt Ion: 98 Resp: 514880
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

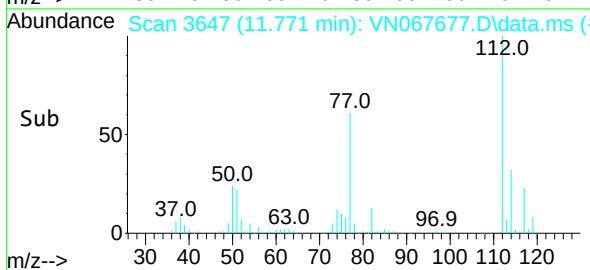
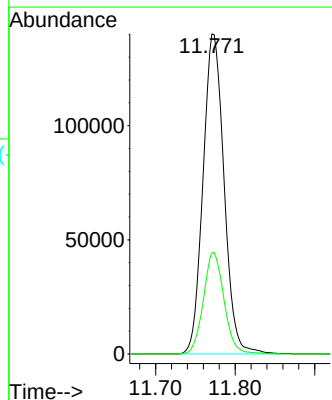
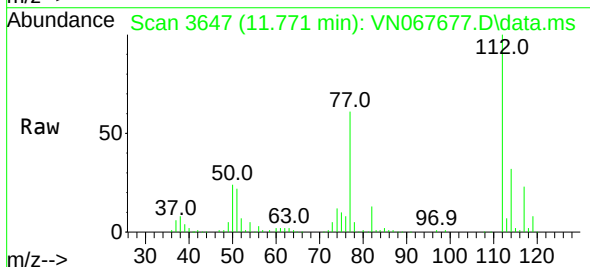
MMDadoda
7/12/2021 5:44:31 PM

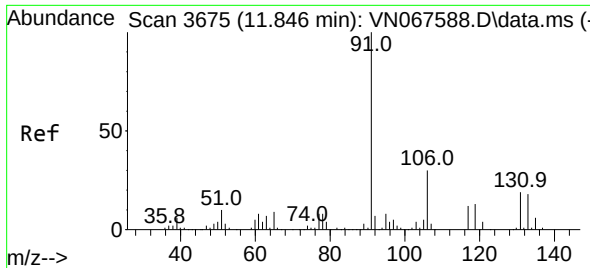
7/12/2021 5:44:31 PM



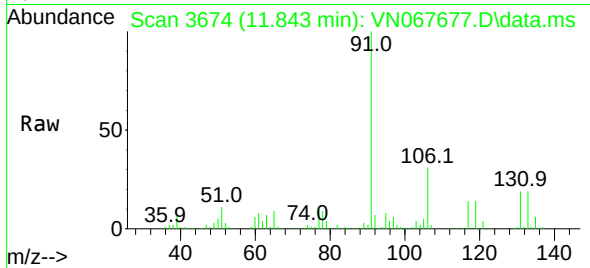
#64
Chlorobenzene
Concen: 19.667 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 112 Resp: 257605
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

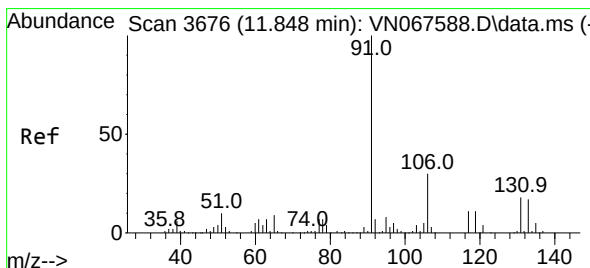
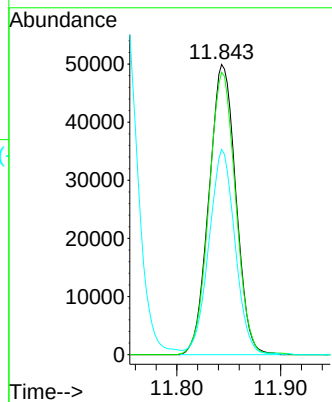
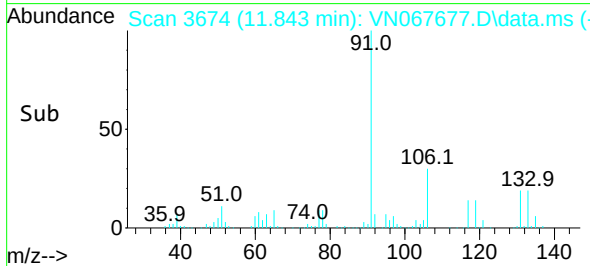




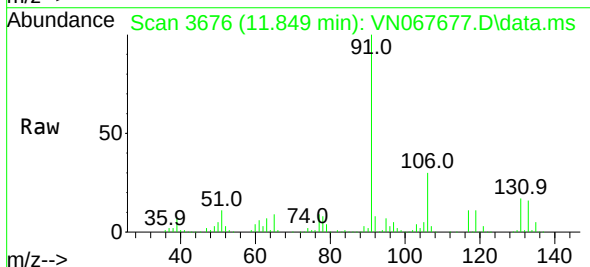
#65
1,1,1,2-Tetrachloroethane
Concen: 18.411 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



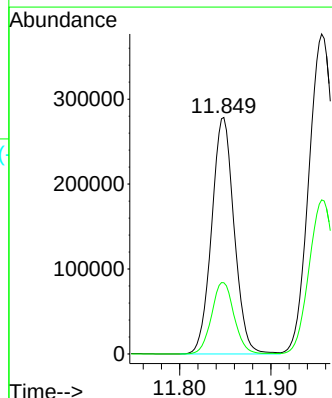
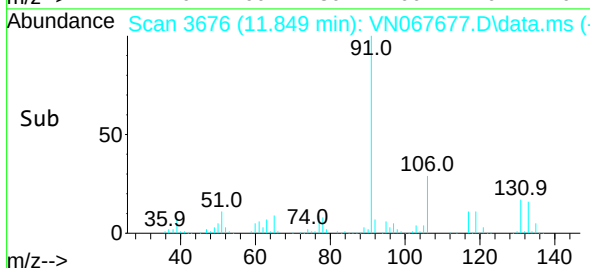
Tgt Ion:131 Resp: 89866
Ion Ratio Lower Upper
131 100
133 96.2 0.0 189.6
119 67.5 0.0 130.0



#66
Ethyl Benzene
Concen: 19.581 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion: 91 Resp: 477065
Ion Ratio Lower Upper
91 100
106 30.1 23.4 35.0

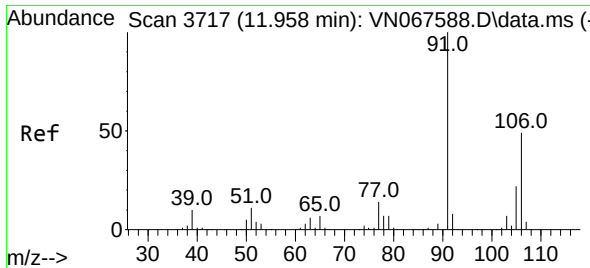


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#67
m/p-Xylenes
Concen: 38.468 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

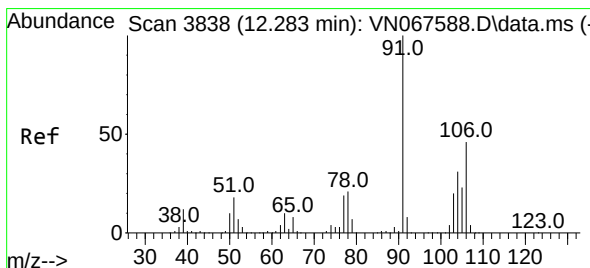
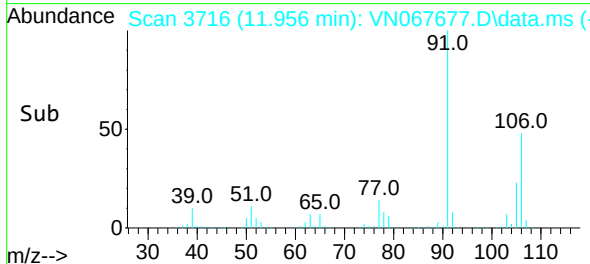
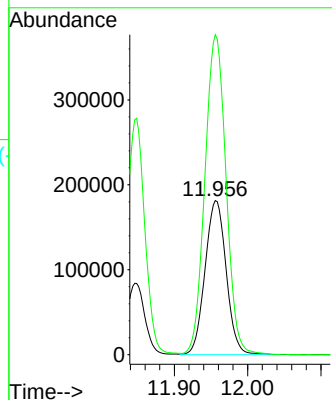
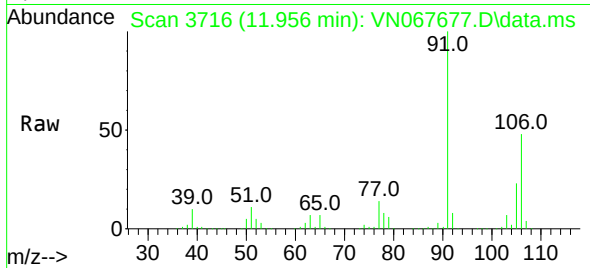
Tgt Ion:106 Resp: 363834
Ion Ratio Lower Upper
106 100
91 207.5 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

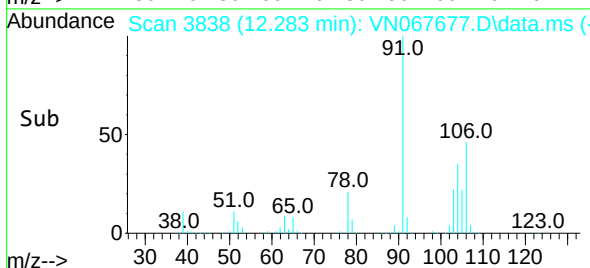
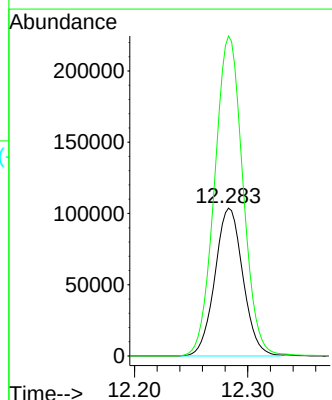
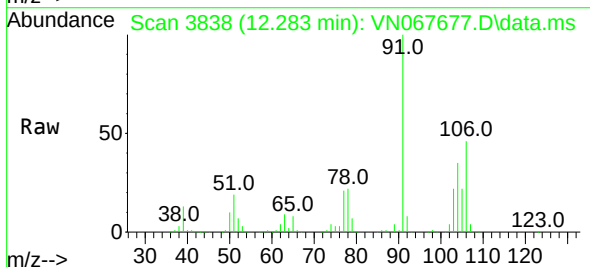
MMDadoda
7/12/2021 5:44:31 PM

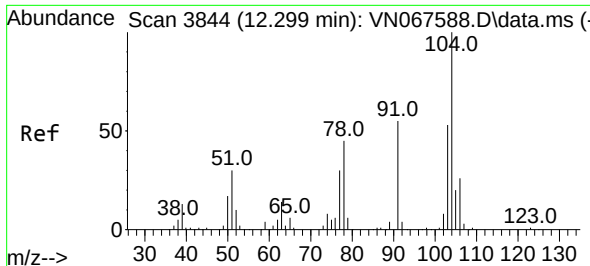
7/12/2021 5:44:31 PM



#68
o-Xylene
Concen: 18.904 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:106 Resp: 178121
Ion Ratio Lower Upper
106 100
91 219.3 120.0 360.0





#69
Styrene
Concen: 18.754 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

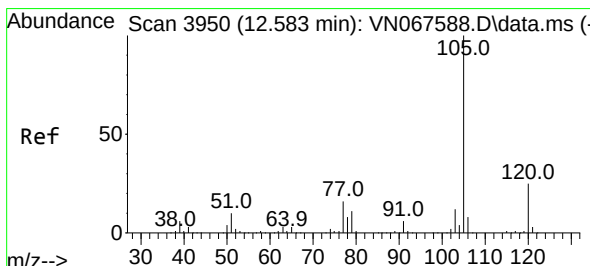
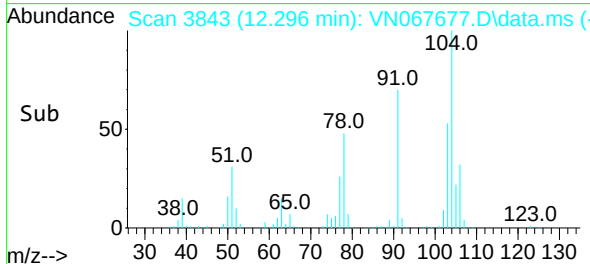
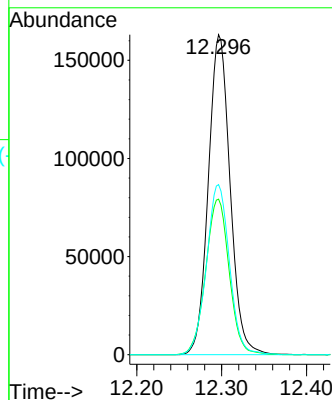
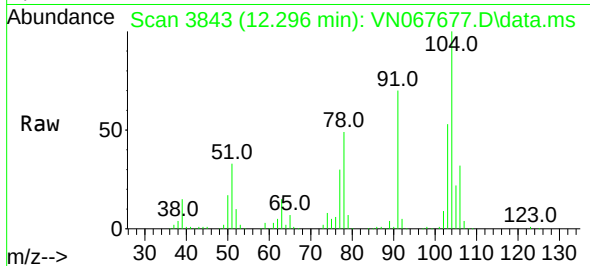
Tgt Ion:104 Resp: 290242
Ion Ratio Lower Upper
104 100
78 52.5 48.2 72.2
103 56.4 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

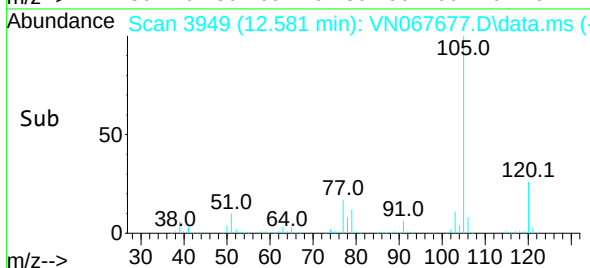
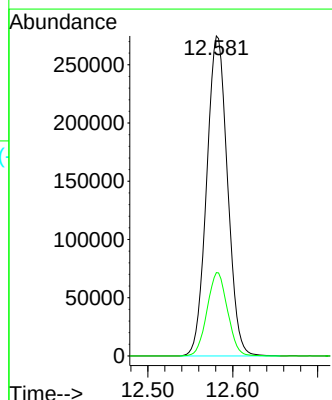
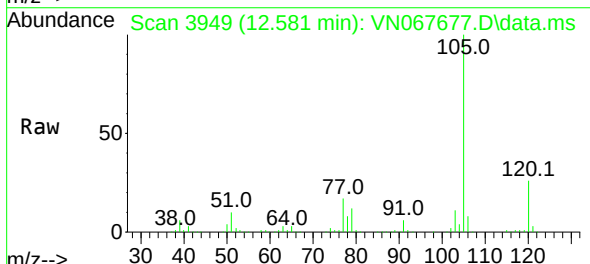
MMDadoda
7/12/2021 5:44:31 PM

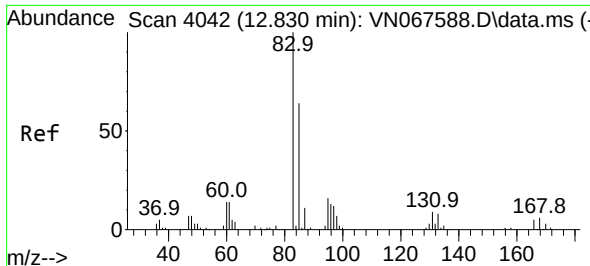
7/12/2021 5:44:31 PM



#70
Isopropylbenzene
Concen: 19.400 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:105 Resp: 467702
Ion Ratio Lower Upper
105 100
120 25.6 17.6 32.6





#71
1,1,2,2-Tetrachloroethane
Concen: 18.993 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

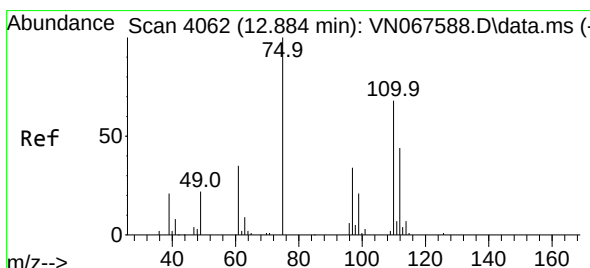
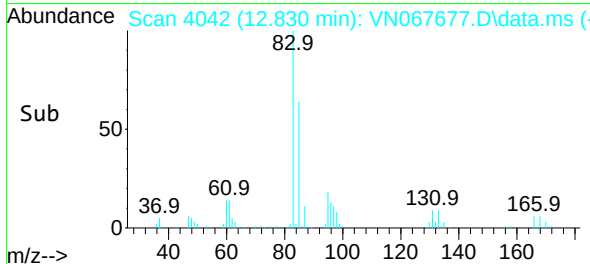
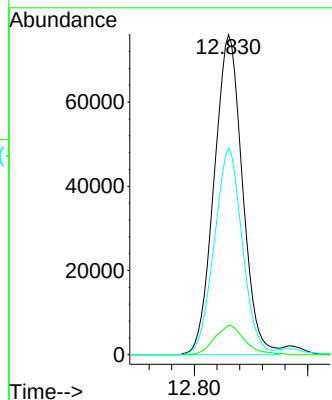
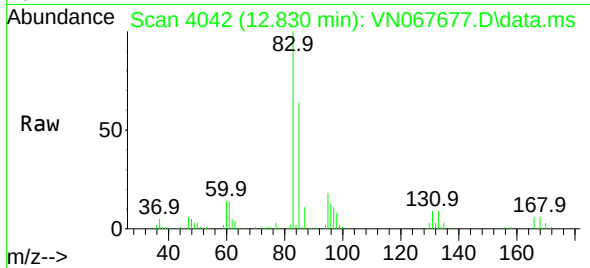
Tgt Ion: 83 Resp: 131684
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.0
85 64.0 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

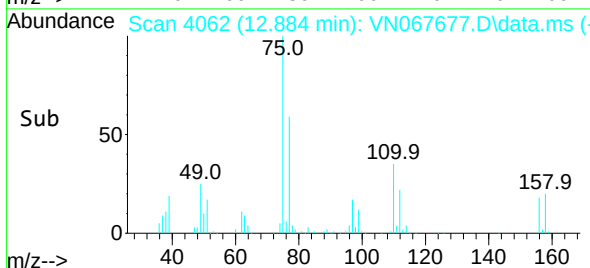
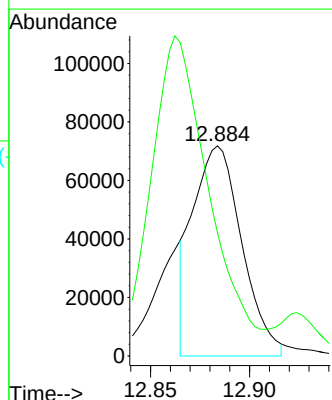
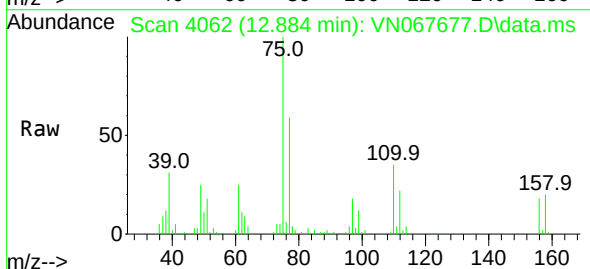
MMDadoda
7/12/2021 5:44:31 PM

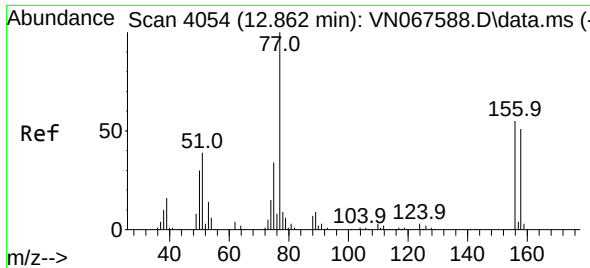
7/12/2021 5:44:31 PM



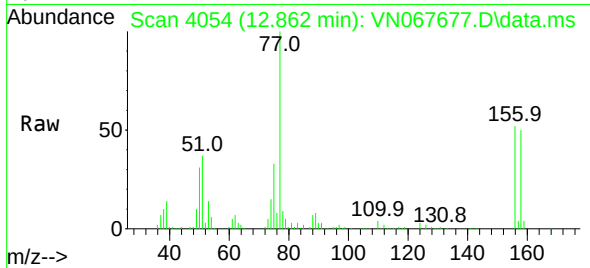
#72
1,2,3-Trichloropropane
Concen: 20.451 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 75 Resp: 123392
Ion Ratio Lower Upper
75 100
77 181.6 0.0 374.2

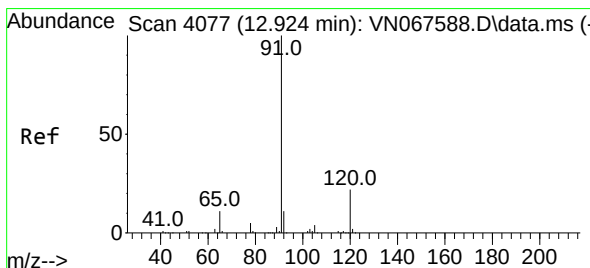
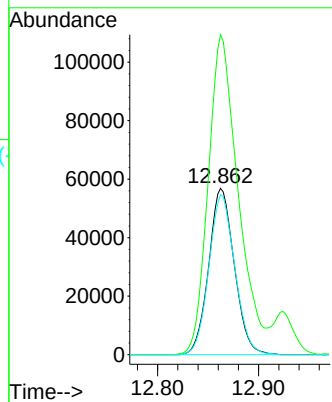
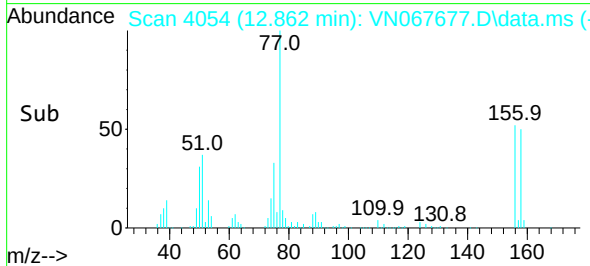




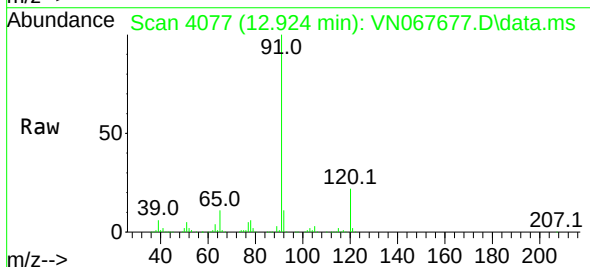
#73
Bromobenzene
Concen: 18.316 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



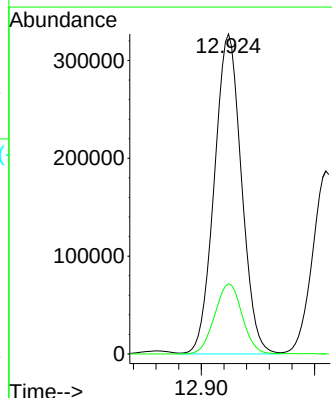
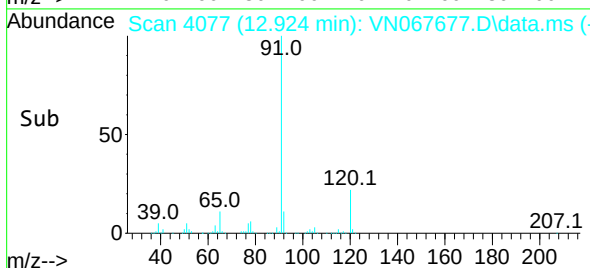
Tgt Ion:156 Resp: 100093
Ion Ratio Lower Upper
156 100
77 223.9 0.0 548.0
158 97.4 0.0 194.0



#74
n-propylbenzene
Concen: 19.953 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion: 91 Resp: 543688
Ion Ratio Lower Upper
91 100
120 22.2 0.0 41.0

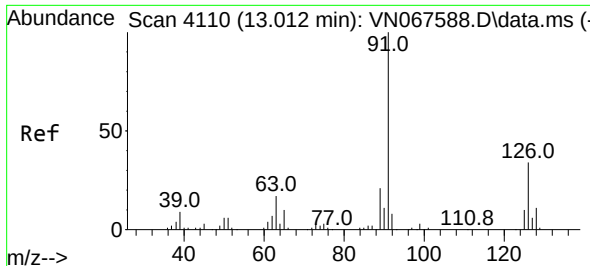


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#75
2-Chlorotoluene
Concen: 19.852 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

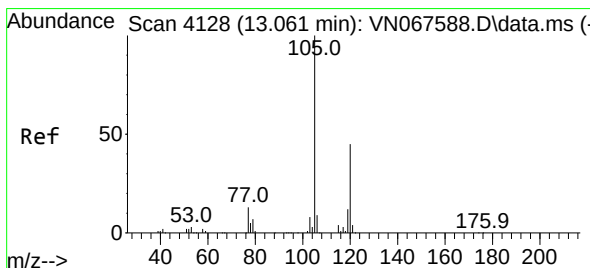
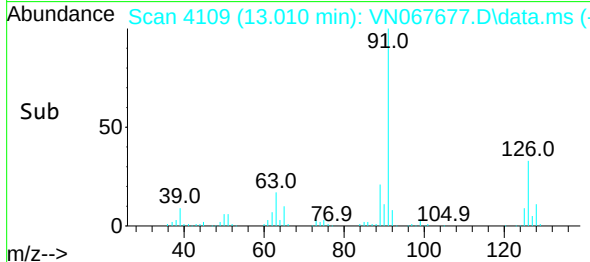
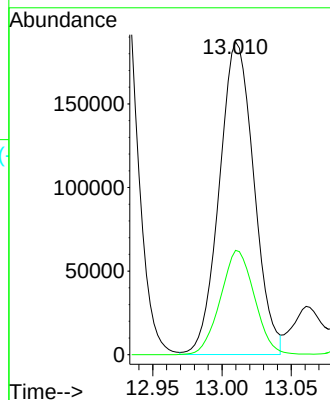
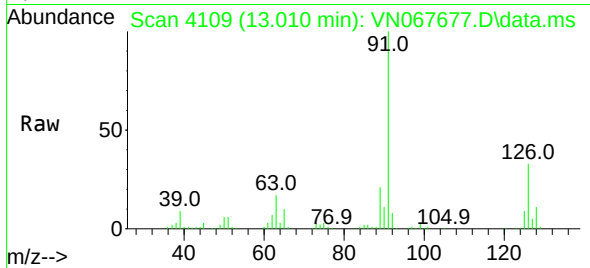
Tgt Ion: 91 Resp: 325252
Ion Ratio Lower Upper
91 100
126 32.9 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

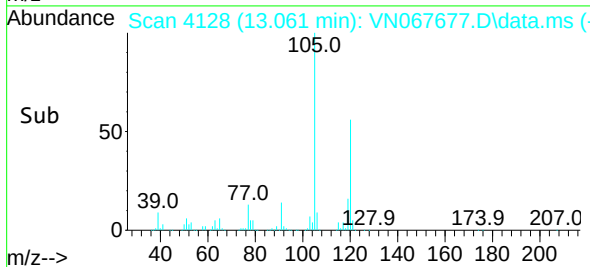
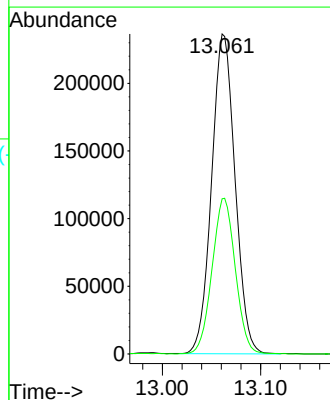
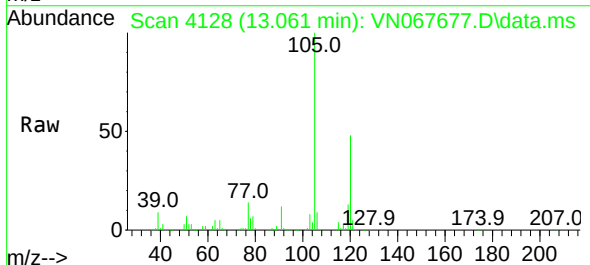
MMDadoda
7/12/2021 5:44:31 PM

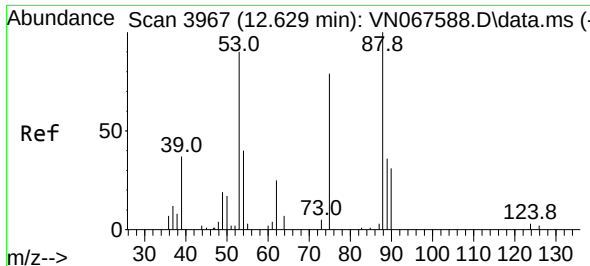
7/12/2021 5:44:31 PM



#76
1,3,5-Trimethylbenzene
Concen: 19.686 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion: 105 Resp: 391926
Ion Ratio Lower Upper
105 100
120 48.4 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 16.277 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

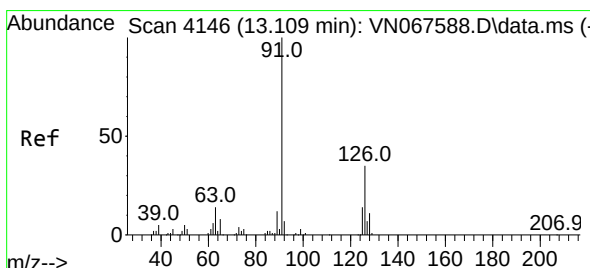
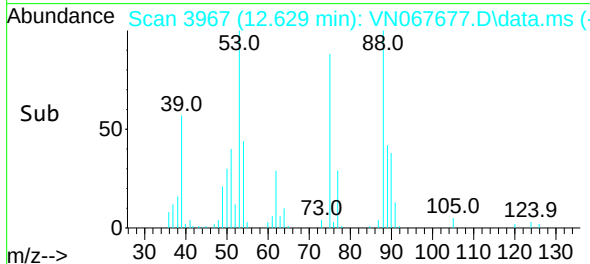
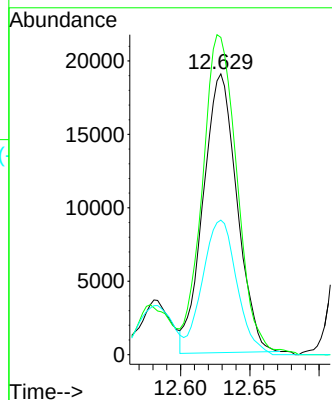
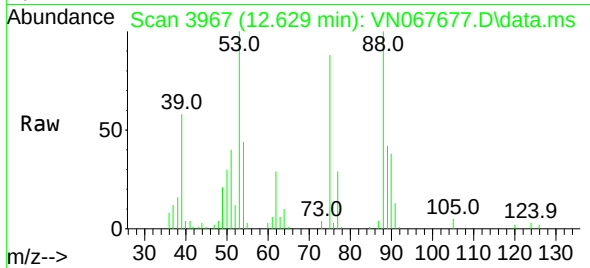
Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.4	55.2	165.6
89	48.5	24.5	73.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

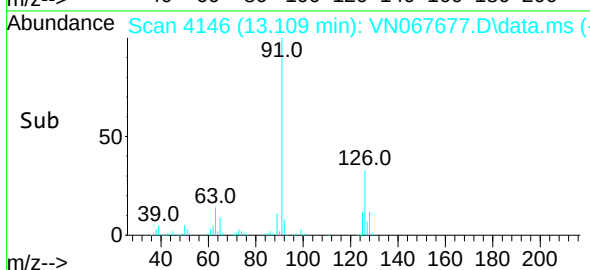
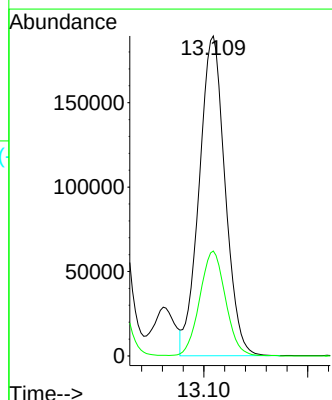
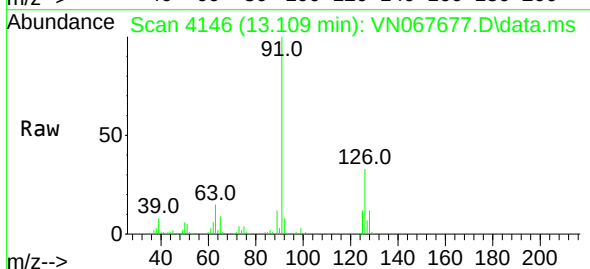
MMDadoda
7/12/2021 5:44:31 PM

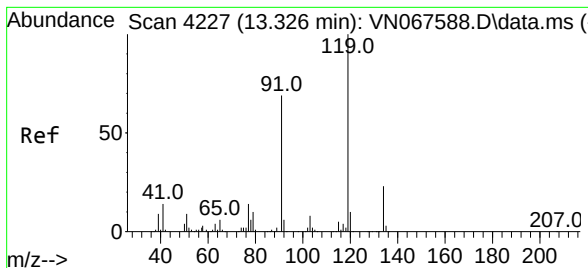
7/12/2021 5:44:31 PM



#78
4-Chlorotoluene
Concen: 20.092 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

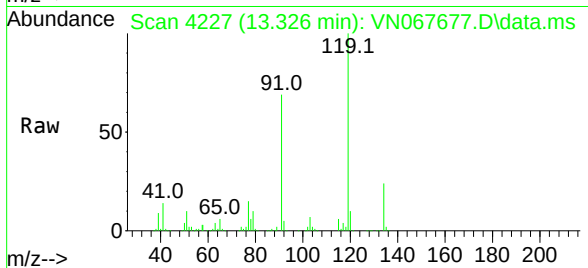
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	0.0	57.6





#79
tert-butylbenzene
Concen: 19.322 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

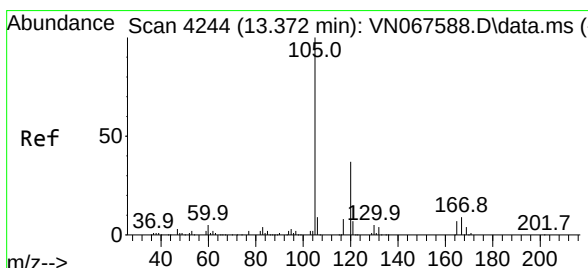
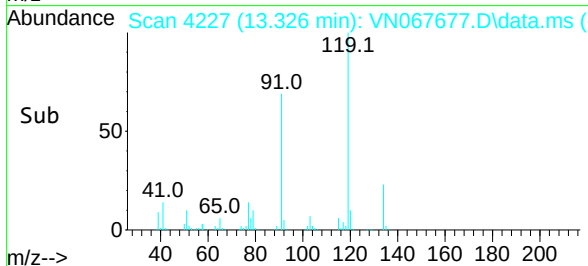
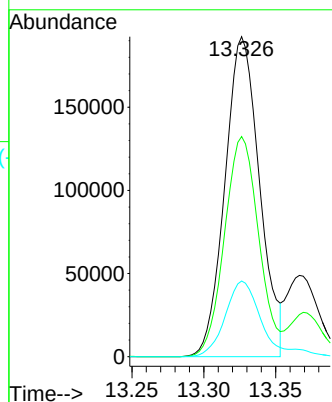


Tgt Ion:119 Resp: 323549
Ion Ratio Lower Upper
119 100
91 67.9 0.0 158.4
134 23.6 0.0 43.6

Manual Integrations
APPROVED

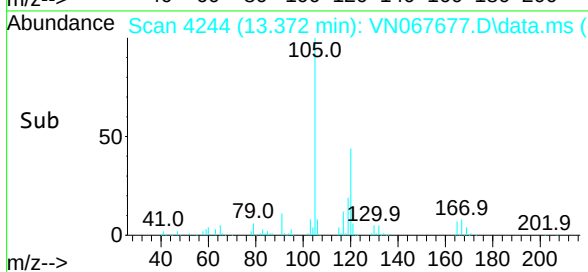
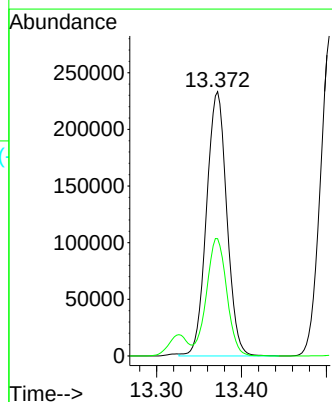
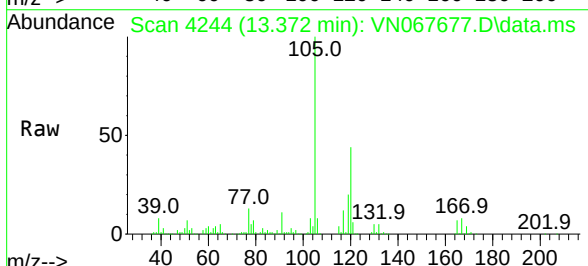
MMDadoda
7/12/2021 5:44:31 PM

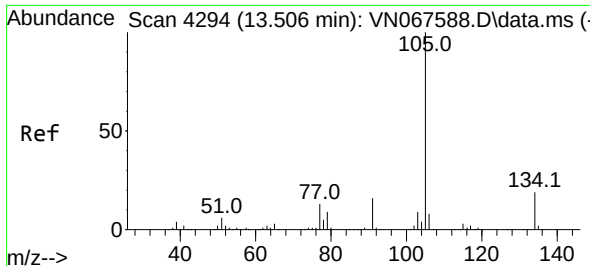
7/12/2021 5:44:31 PM



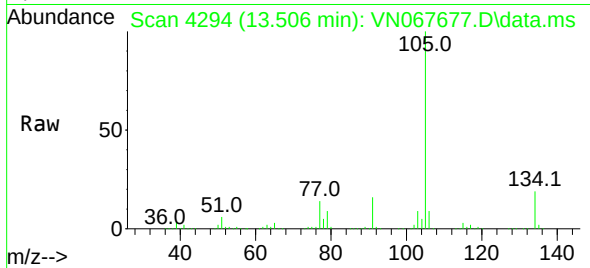
#80
1,2,4-Trimethylbenzene
Concen: 19.771 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:105 Resp: 387757
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4

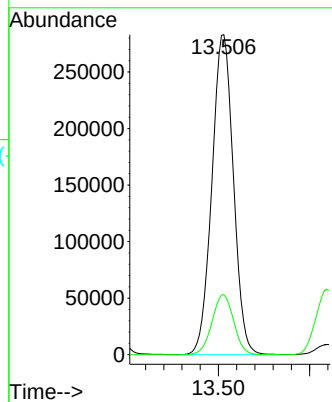
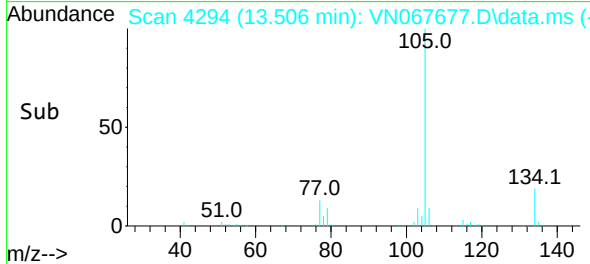




#81
 sec-Butylbenzene
 Concen: 20.106 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.000 min
 Lab File: VN067677.D
 Acq: 9 Jul 2021 10:03



Tgt Ion:105 Resp: 462904
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 35.4

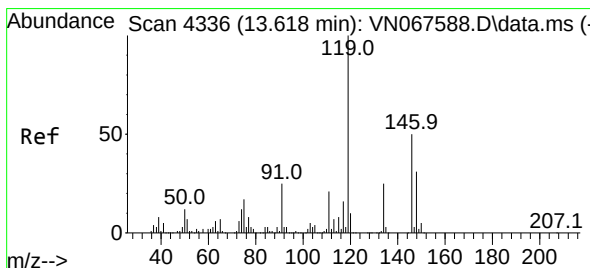


Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

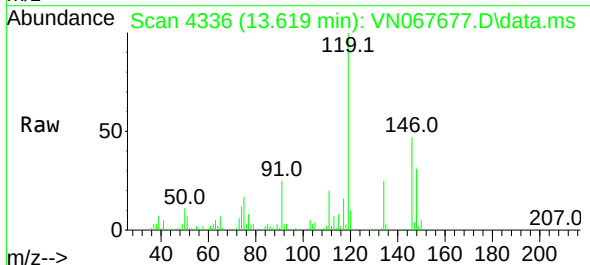
Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:31 PM

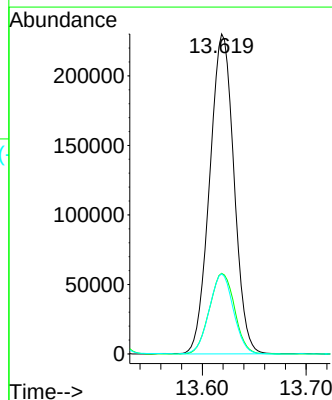
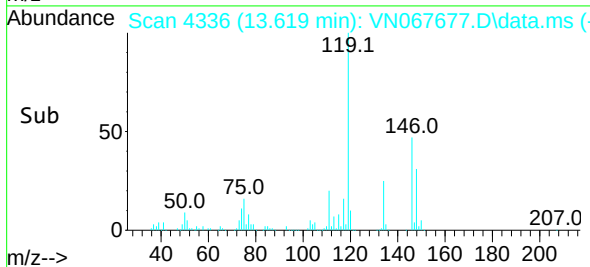
7/12/2021 5:44:31 PM

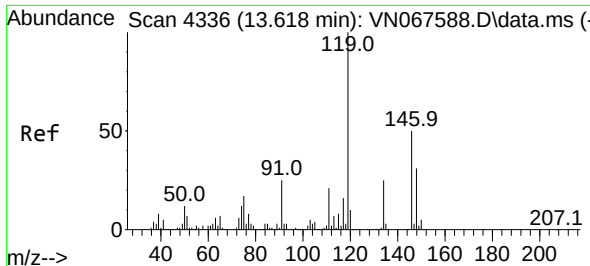


#82
 p-Isopropyltoluene
 Concen: 19.807 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067677.D
 Acq: 9 Jul 2021 10:03

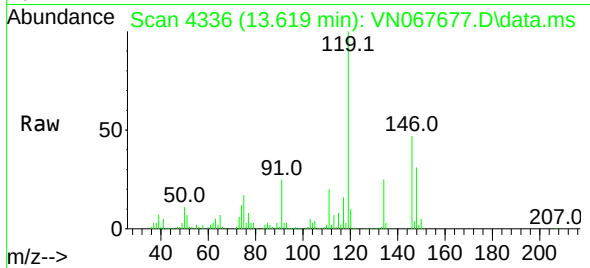


Tgt Ion:119 Resp: 373969
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 49.0
 91 25.0 0.0 59.6

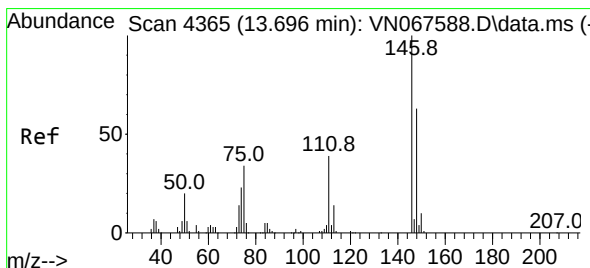
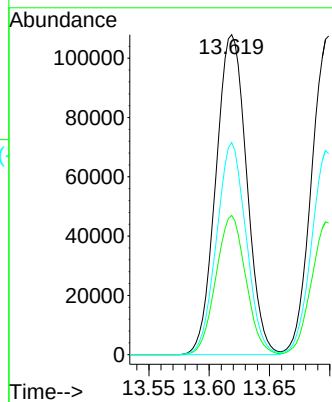
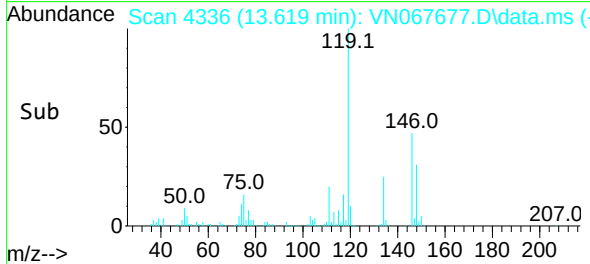




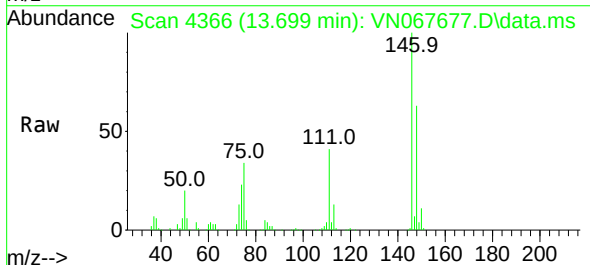
#83
1,3-Dichlorobenzene
Concen: 18.931 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



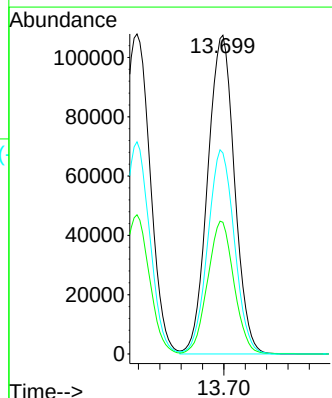
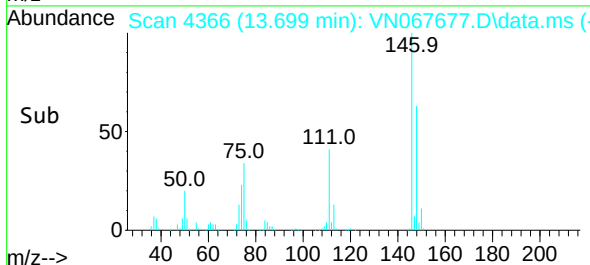
Tgt Ion:146 Resp: 192019
Ion Ratio Lower Upper
146 100
111 42.2 25.0 75.0
148 63.6 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 19.100 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



Tgt Ion:146 Resp: 187635
Ion Ratio Lower Upper
146 100
111 40.9 23.6 71.0
148 63.8 31.8 95.3

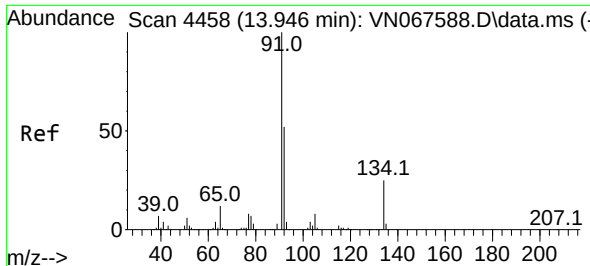


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

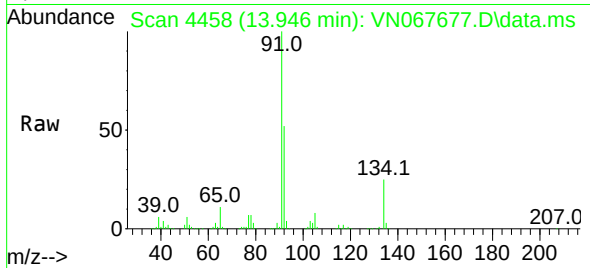
MMDadoda
7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#85
n-Butylbenzene
Concen: 20.067 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

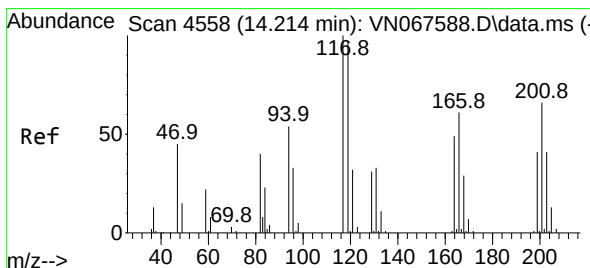
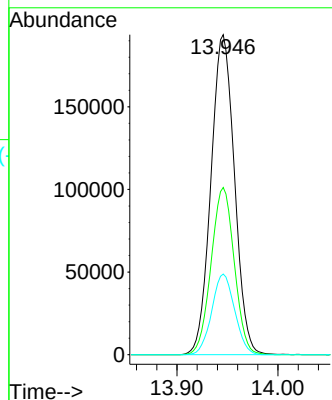


Tgt Ion:	91	Resp:	313116
Ion Ratio	100	Lower	Upper
91	100		
92	51.4	0.0	103.0
134	24.5	0.0	43.6

Manual Integrations
APPROVED

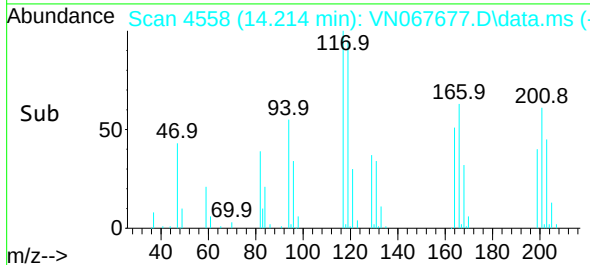
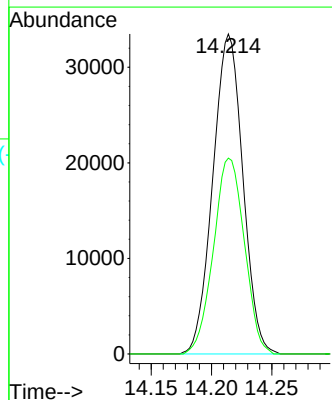
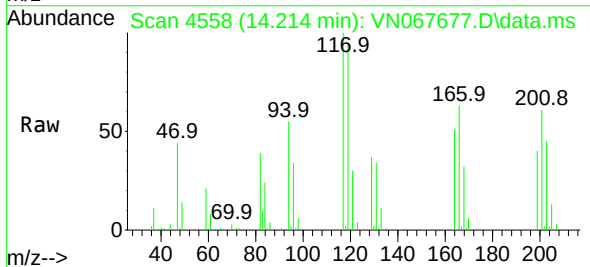
MMDadoda
7/12/2021 5:44:31 PM

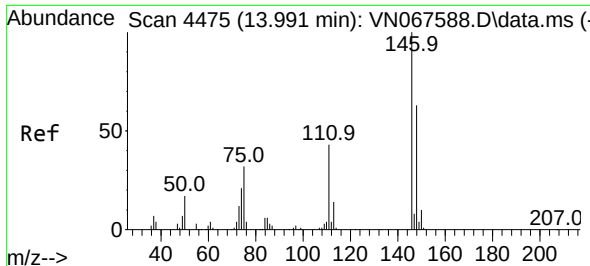
7/12/2021 5:44:31 PM



#86
Hexachloroethane
Concen: 18.011 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:	117	Resp:	58005
Ion Ratio	100	Lower	Upper
117	100		
201	63.0	33.3	99.9





#87
1,2-Dichlorobenzene
Concen: 18.901 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

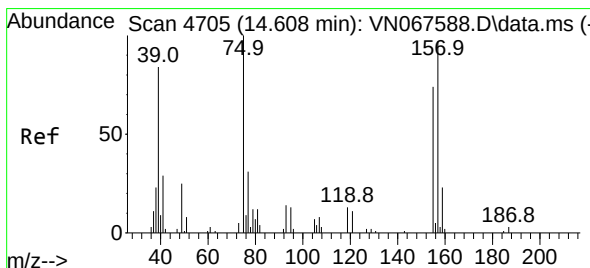
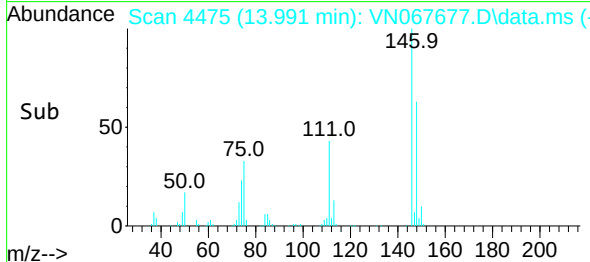
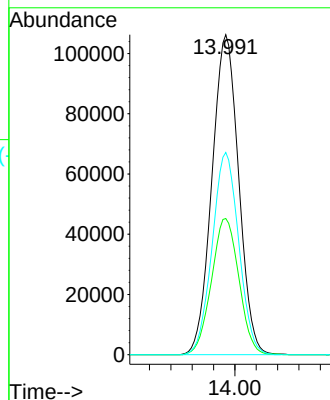
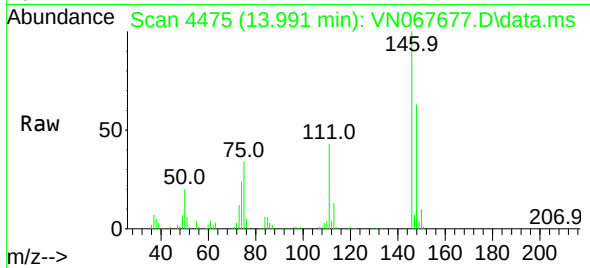
Tgt Ion:146 Resp: 184741
Ion Ratio Lower Upper
146 100
111 43.7 25.0 75.0
148 62.9 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

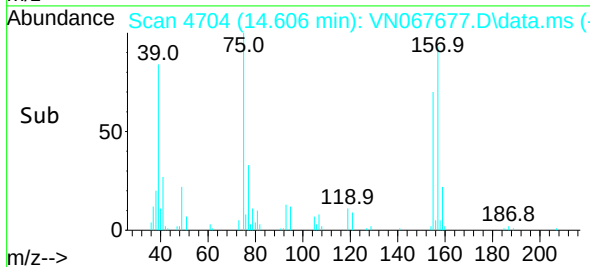
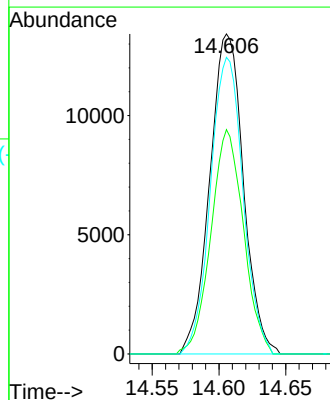
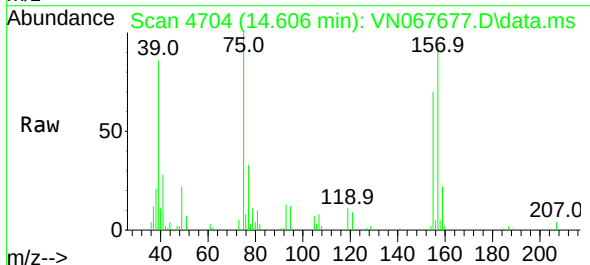
MMDadoda
7/12/2021 5:44:31 PM

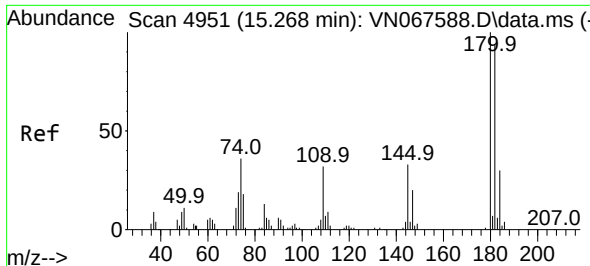
7/12/2021 5:44:31 PM



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.992 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

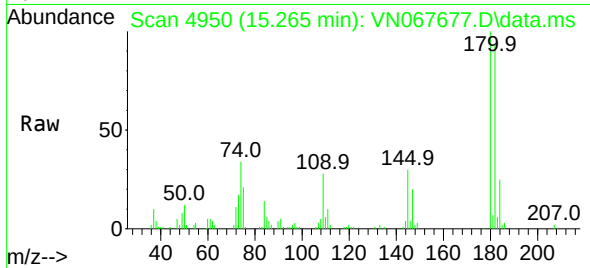
Tgt Ion: 75 Resp: 23539
Ion Ratio Lower Upper
75 100
155 67.6 45.3 67.9
157 89.7 58.6 87.8#





#89
1,2,4-Trichlorobenzene
Concen: 17.454 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

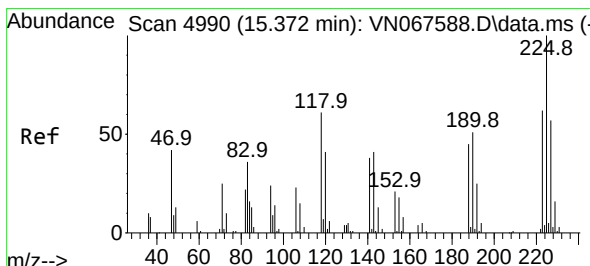
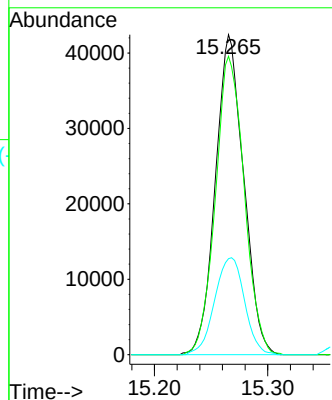
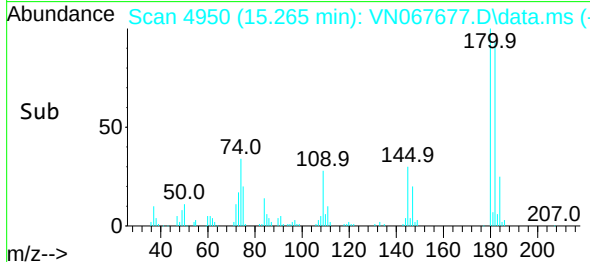


Tgt Ion:180 Resp: 73447
Ion Ratio Lower Upper
180 100
182 95.1 75.9 113.9
145 32.0 28.8 43.2

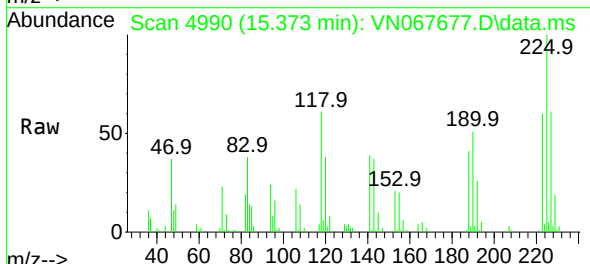
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

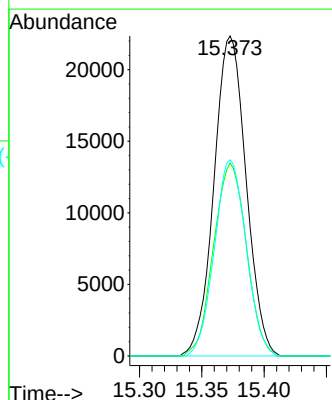
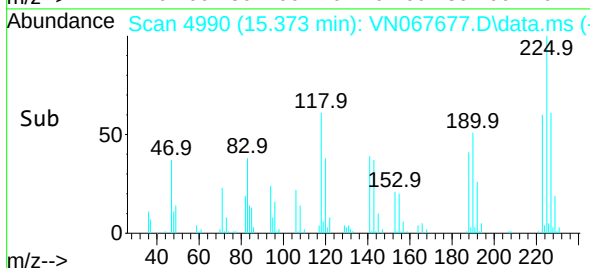
7/12/2021 5:44:31 PM

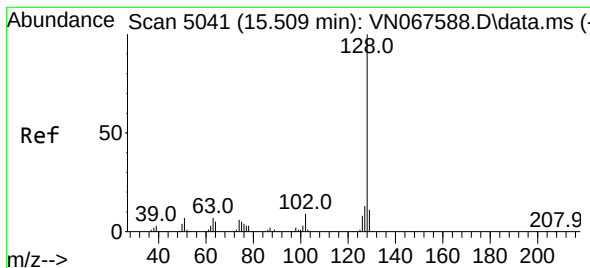


#90
Hexachlorobutadiene
Concen: 20.567 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03



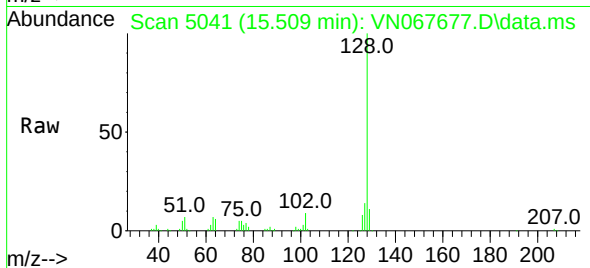
Tgt Ion:225 Resp: 40105
Ion Ratio Lower Upper
225 100
223 61.3 0.0 129.6
227 60.6 0.0 131.2





#91
Naphthalene
Concen: 14.408 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

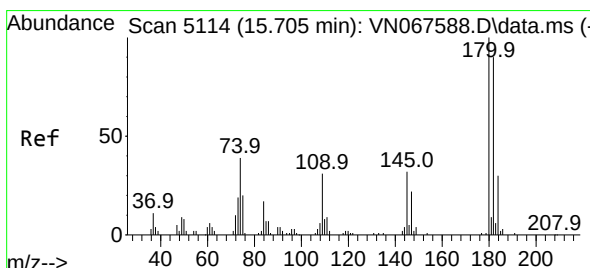
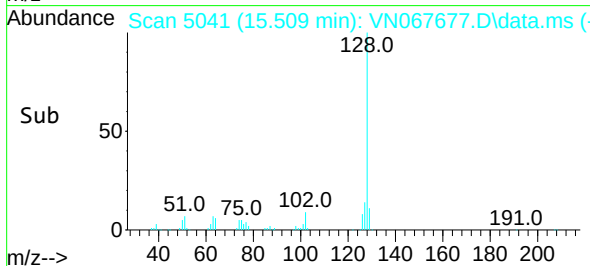
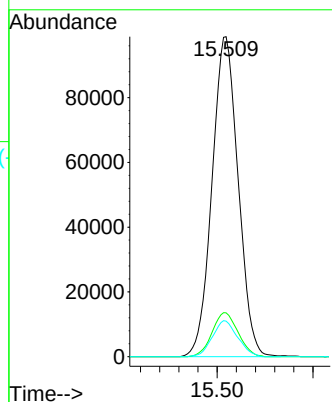


Tgt Ion:128 Resp: 186820
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:31 PM

7/12/2021 5:44:31 PM



#92
1,2,3-Trichlorobenzene
Concen: 17.136 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.000 min
Lab File: VN067677.D
Acq: 9 Jul 2021 10:03

Tgt Ion:180 Resp: 68779
Ion Ratio Lower Upper
180 100
182 93.3 0.0 184.6
145 34.2 0.0 76.0

